

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026043.D
 Acq On : 25 May 2023 16:14
 Operator : SY/MD
 Sample : 02950-08
 Misc : 3.74g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW985

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW026043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	70	78	88	rBV	126635	313667	10.85%	0.620%
2	2.893	158	165	184	rVB	119176	321413	11.12%	0.635%
3	3.387	240	246	250	rBV2	6236	11969	0.41%	0.024%
4	4.021	337	350	362	rBV	251908	806099	27.90%	1.592%
5	4.393	405	411	418	rBV6	5179	14648	0.51%	0.029%
6	4.917	485	497	519	rBV2	95220	376888	13.04%	0.744%
7	5.429	569	581	582	rBV2	5914	12787	0.44%	0.025%
8	5.935	655	664	676	rBV3	40570	126720	4.39%	0.250%
9	6.880	808	819	827	rBV5	8041	27259	0.94%	0.054%
10	7.075	841	851	866	rBV	112224	341395	11.81%	0.674%
11	7.648	935	945	959	rBV	464088	1156747	40.03%	2.285%
12	7.959	988	996	1000	rBV9	3561	9472	0.33%	0.019%
13	8.032	1000	1008	1020	rVV2	52667	139628	4.83%	0.276%
14	8.154	1024	1028	1032	rVV5	3239	5218	0.18%	0.010%
15	8.276	1032	1048	1063	rVV2	933929	2836989	98.17%	5.604%
16	8.417	1064	1071	1076	rVV	24109	57295	1.98%	0.113%
17	8.478	1076	1081	1090	rVV2	35447	92971	3.22%	0.184%
18	8.575	1090	1097	1109	rVB	48358	113969	3.94%	0.225%
19	8.843	1130	1141	1153	rBV	918859	1857665	64.28%	3.669%
20	9.075	1171	1179	1184	rBV10	11381	27363	0.95%	0.054%
21	9.276	1203	1212	1225	rBV	693987	1670373	57.80%	3.300%
22	9.380	1225	1229	1238	rVB	31672	63449	2.20%	0.125%
23	9.465	1238	1243	1248	rBV5	4588	9931	0.34%	0.020%
24	9.605	1255	1266	1273	rBV	121710	257584	8.91%	0.509%
25	9.758	1284	1291	1298	rVB2	56831	111865	3.87%	0.221%
26	9.849	1301	1306	1308	rBV2	14784	22765	0.79%	0.045%
27	9.892	1308	1313	1317	rVV2	44175	93129	3.22%	0.184%
28	9.941	1317	1321	1327	rVB2	38418	70771	2.45%	0.140%
29	10.032	1327	1336	1341	rBV	285525	546384	18.91%	1.079%
30	10.075	1341	1343	1351	rVB2	68033	110394	3.82%	0.218%
31	10.136	1351	1353	1358	rVB6	3861	5330	0.18%	0.011%
32	10.209	1359	1365	1367	rBV3	29701	53721	1.86%	0.106%
33	10.246	1367	1371	1376	rVB2	36328	63786	2.21%	0.126%
34	10.319	1376	1383	1397	rBV	1125305	2072594	71.72%	4.094%
35	10.508	1405	1414	1420	rBV5	95347	242496	8.39%	0.479%
36	10.575	1420	1425	1429	rBV	183168	326220	11.29%	0.644%

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 Title : SFAM01.0

37	10.617	1429	1432	1435	rVV3	86030	133269	4.61%	0.263%
38	10.660	1435	1439	1445	rVV	102046	180192	6.24%	0.356%
39	10.745	1448	1453	1461	rVB5	67797	180647	6.25%	0.357%
40	10.806	1461	1463	1466	rBV4	6682	9104	0.32%	0.018%
41	10.843	1466	1469	1474	rVB4	35930	58997	2.04%	0.117%
42	10.928	1474	1483	1491	rBV2	706482	1384792	47.92%	2.735%
43	11.032	1491	1500	1508	rBV3	149256	425176	14.71%	0.840%
44	11.105	1508	1512	1514	rBV4	35649	52673	1.82%	0.104%
45	11.142	1514	1518	1522	rVB3	75417	126461	4.38%	0.250%
46	11.221	1524	1531	1538	rBV3	134532	348513	12.06%	0.688%
47	11.282	1538	1541	1545	rVV3	52223	66009	2.28%	0.130%
48	11.318	1545	1547	1553	rVB2	60552	93110	3.22%	0.184%
49	11.379	1553	1557	1561	rBV	54523	80209	2.78%	0.158%
50	11.434	1561	1566	1575	rVB	168323	326336	11.29%	0.645%
51	11.556	1575	1586	1592	rBV6	66468	224536	7.77%	0.444%
52	11.629	1592	1598	1610	rVB	1031601	1771369	61.30%	3.499%
53	11.721	1610	1613	1616	rBV2	25428	31694	1.10%	0.063%
54	11.764	1616	1620	1624	rVB	74063	112814	3.90%	0.223%
55	11.818	1624	1629	1633	rBV2	111304	219630	7.60%	0.434%
56	11.873	1634	1638	1640	rBV3	38307	60600	2.10%	0.120%
57	11.910	1640	1644	1649	rVB3	154162	297950	10.31%	0.589%
58	11.971	1649	1654	1661	rBV3	166349	402807	13.94%	0.796%
59	12.062	1666	1669	1673	rVB2	55545	75821	2.62%	0.150%
60	12.135	1673	1681	1687	rBV3	404102	941894	32.59%	1.861%
61	12.245	1692	1699	1704	rVB	1080488	1809949	62.63%	3.575%
62	12.337	1704	1714	1722	rBV5	355112	1169796	40.48%	2.311%
63	12.410	1722	1726	1729	rBV2	113346	209061	7.23%	0.413%
64	12.452	1729	1733	1738	rVV3	197450	353910	12.25%	0.699%
65	12.507	1738	1742	1749	rVB5	233324	557558	19.29%	1.101%
66	12.605	1753	1758	1765	rBV4	116686	223394	7.73%	0.441%
67	12.690	1765	1772	1777	rBV	653826	1265555	43.79%	2.500%
68	12.776	1783	1786	1792	rVB4	291770	547550	18.95%	1.082%
69	12.855	1792	1799	1804	rBV5	329618	782997	27.10%	1.547%
70	12.922	1805	1810	1813	rBV3	289759	536196	18.56%	1.059%
71	13.074	1825	1835	1838	rBV5	303189	760044	26.30%	1.501%
72	13.123	1838	1843	1845	rVV3	341531	539555	18.67%	1.066%
73	13.160	1845	1849	1856	rVB	1021256	1620183	56.07%	3.200%
74	13.288	1862	1870	1874	rBV2	411946	826723	28.61%	1.633%
75	13.343	1875	1879	1882	rVV	452181	645841	22.35%	1.276%
76	13.434	1888	1894	1898	rBV6	178986	515008	17.82%	1.017%

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 Title : SFAM01.0

77	13.477	1898	1901	1905	rVB2	326412	424432	14.69%	0.838%
78	13.556	1909	1914	1922	rVB	672442	1233216	42.68%	2.436%
79	13.696	1931	1937	1940	rBV3	288375	557425	19.29%	1.101%
80	13.867	1951	1965	1971	rBV3	844873	2889738	100.00%	5.708%
81	13.928	1971	1975	1978	rBV3	160642	265421	9.18%	0.524%
82	13.977	1980	1983	1985	rBV4	129301	176851	6.12%	0.349%
83	14.025	1986	1991	1994	rBV3	351969	724220	25.06%	1.431%
84	14.123	2004	2007	2014	rVB	618169	1053830	36.47%	2.082%
85	14.190	2014	2018	2021	rBV3	216103	370146	12.81%	0.731%
86	14.257	2025	2029	2035	rVV3	393125	722385	25.00%	1.427%
87	14.312	2035	2038	2040	rVV3	185040	273538	9.47%	0.540%
88	14.348	2041	2044	2045	rVV2	331847	429880	14.88%	0.849%
89	14.379	2046	2049	2053	rVB	673337	963115	33.33%	1.902%
90	14.489	2064	2067	2070	rBV5	116332	154471	5.35%	0.305%
91	14.544	2071	2076	2081	rVV4	533337	842390	29.15%	1.664%
92	14.653	2091	2094	2098	rVB2	146364	182078	6.30%	0.360%
93	14.733	2104	2107	2112	rVB5	179377	220385	7.63%	0.435%
94	14.793	2112	2117	2119	rBV2	269035	450779	15.60%	0.890%
95	14.830	2119	2123	2131	rVB	1056230	1852664	64.11%	3.660%
96	15.318	2199	2203	2210	rVB3	370709	651375	22.54%	1.287%
97	15.623	2249	2253	2257	rBV4	174916	377078	13.05%	0.745%
98	15.720	2265	2269	2277	rVB4	449499	832738	28.82%	1.645%
99	16.275	2357	2360	2368	rVB5	202530	410734	14.21%	0.811%
100	16.531	2398	2402	2407	rVB4	127355	227123	7.86%	0.449%

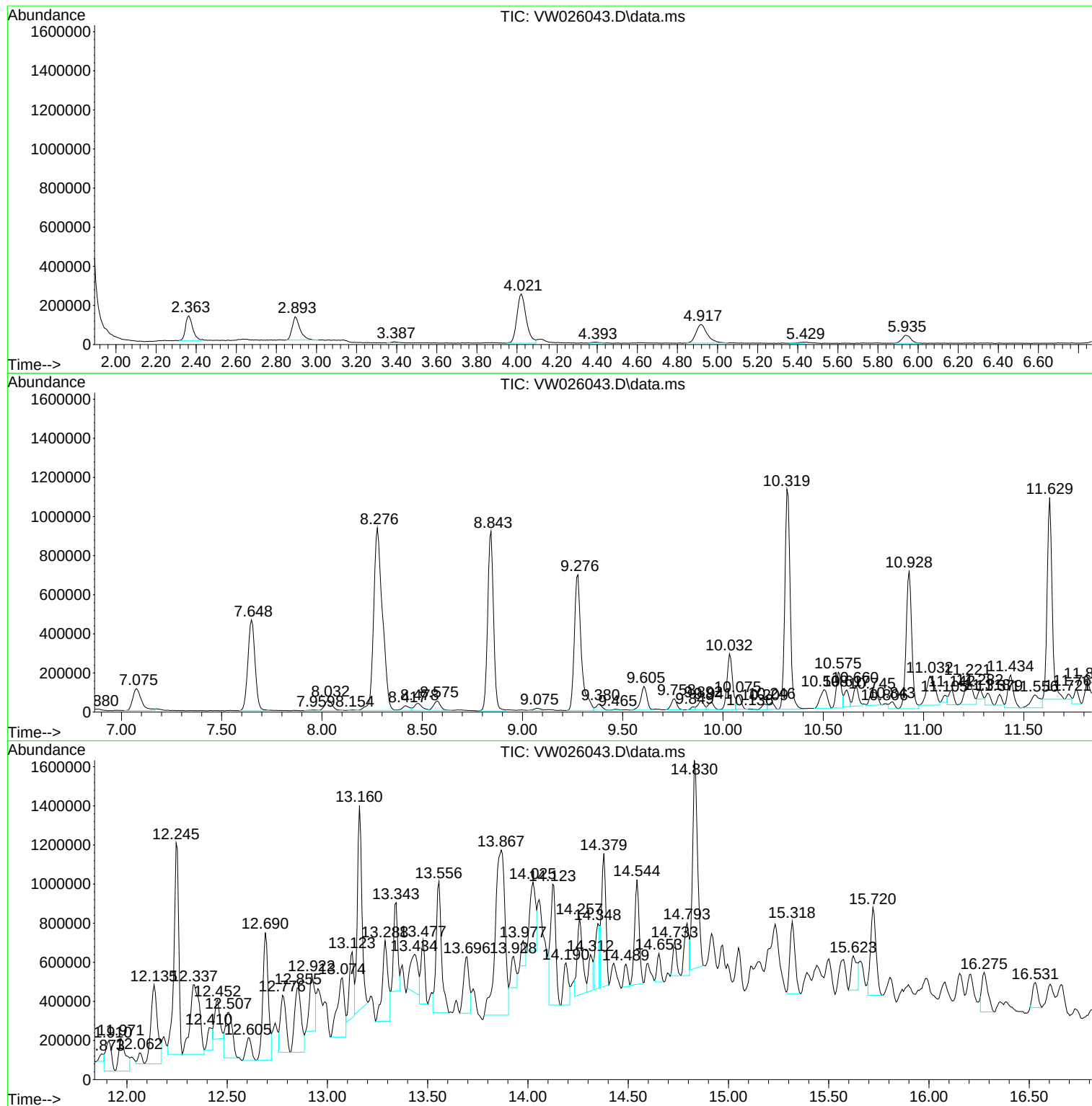
Sum of corrected areas: 50624889

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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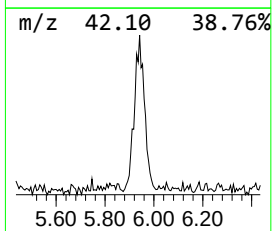
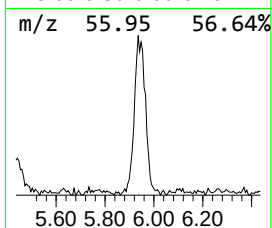
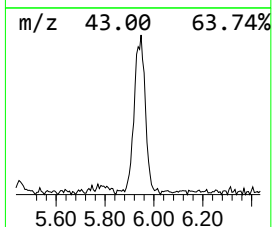
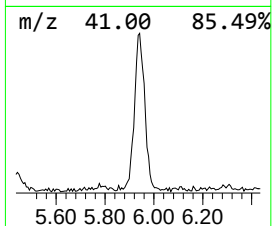
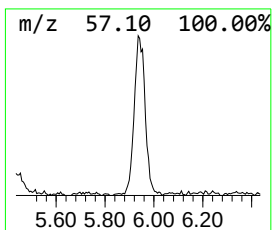
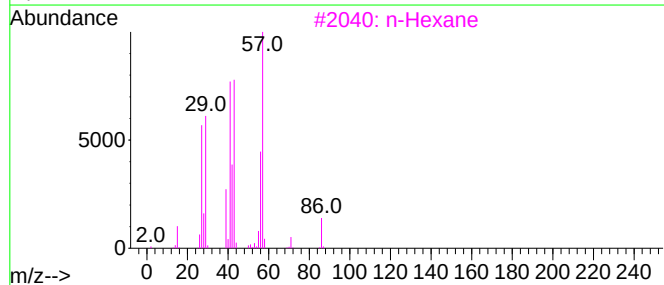
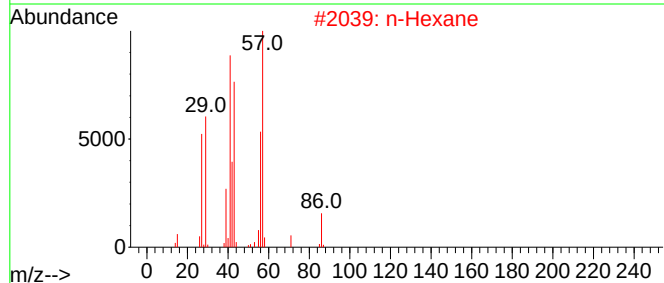
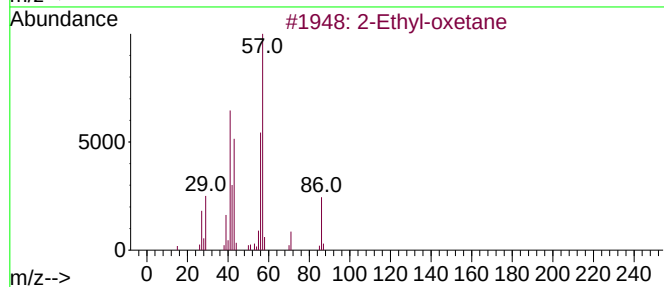
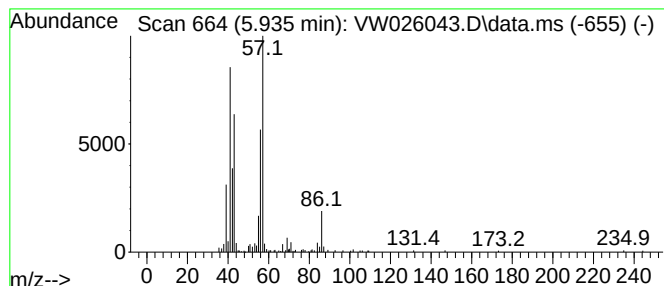
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Ethyl-oxetane Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.935	1.71 ug/L	126720	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2			n-Hexane	86	C6H14	000110-54-3	87
3			n-Hexane	86	C6H14	000110-54-3	78
4			n-Hexane	86	C6H14	000110-54-3	64
5			n-Hexane	86	C6H14	000110-54-3	47



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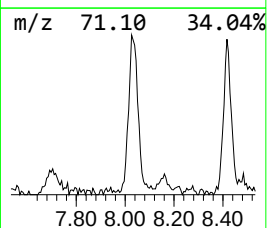
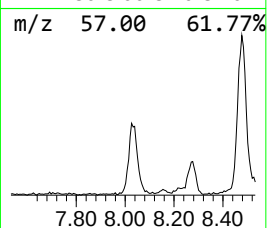
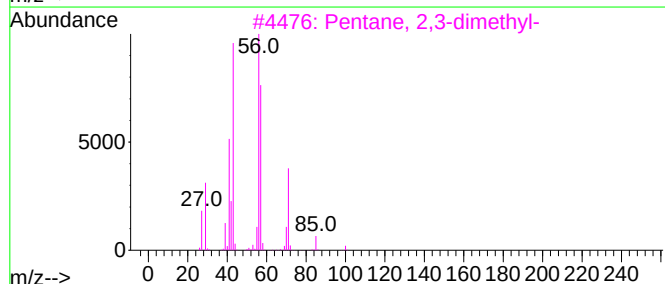
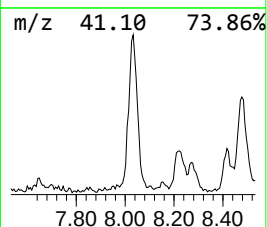
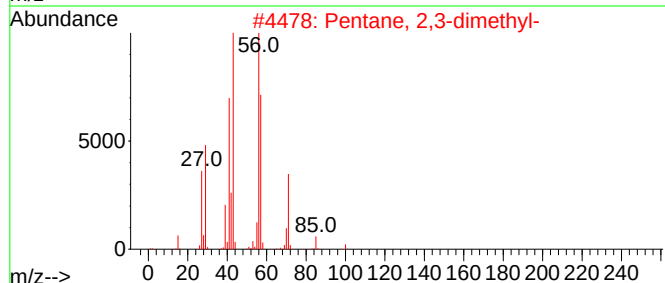
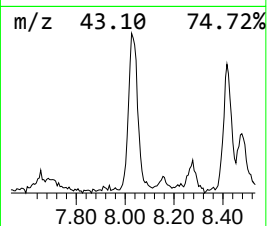
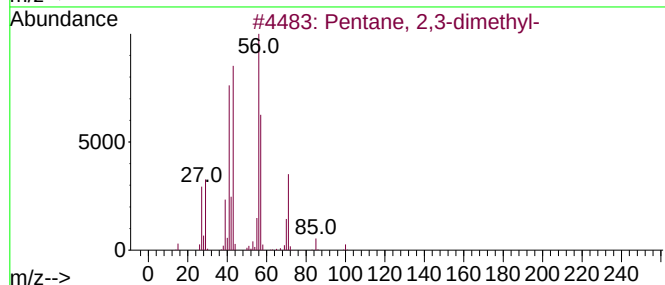
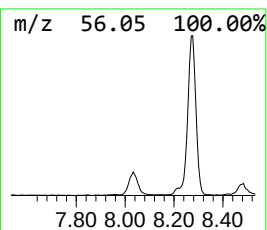
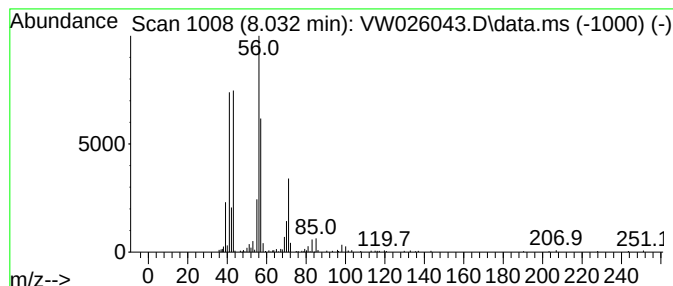
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	1.88 ug/L	139628	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
5			2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	47



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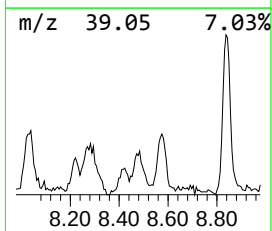
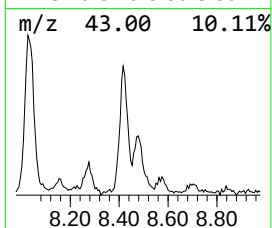
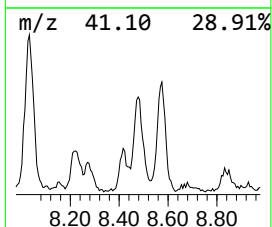
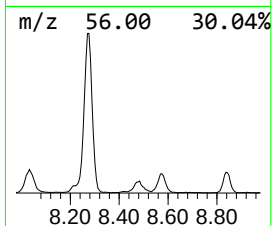
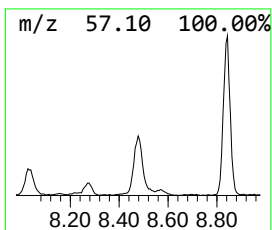
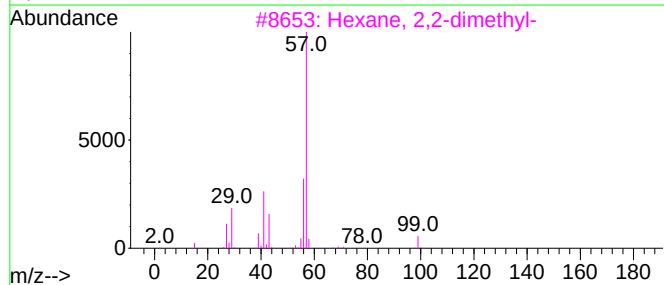
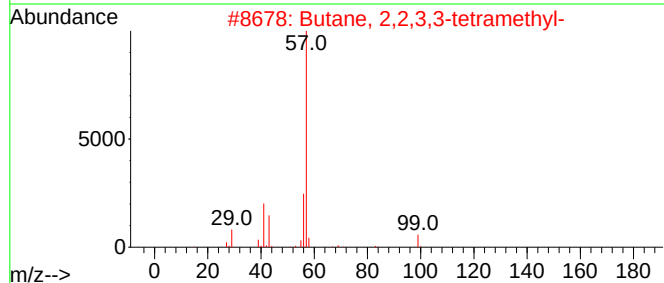
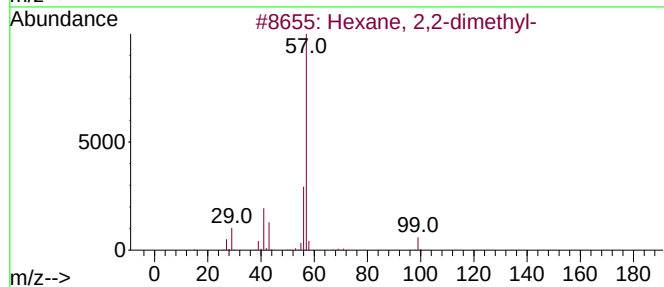
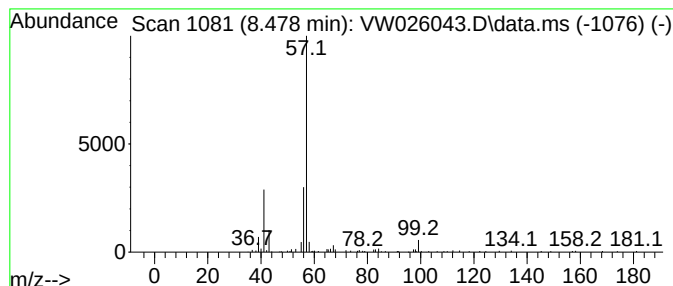
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.478	1.25 ug/L	92971	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	59
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53
5		1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

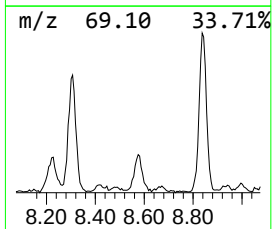
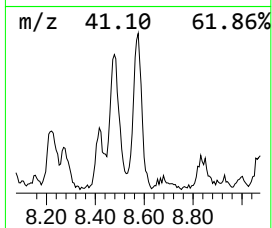
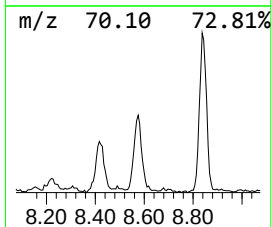
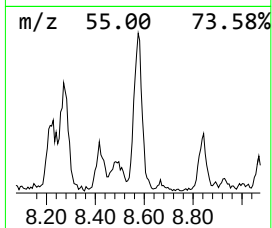
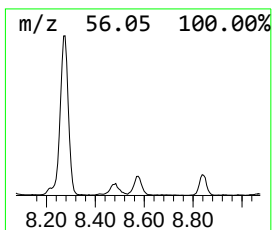
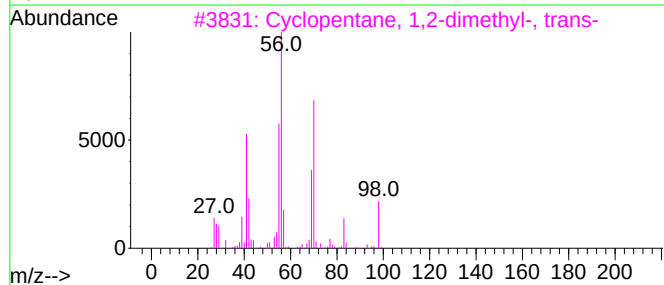
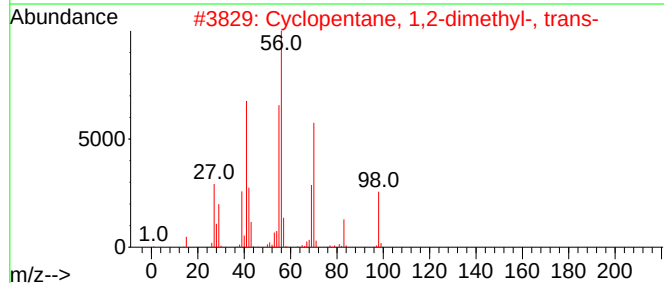
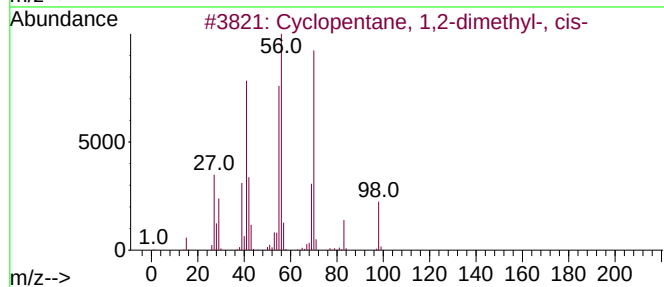
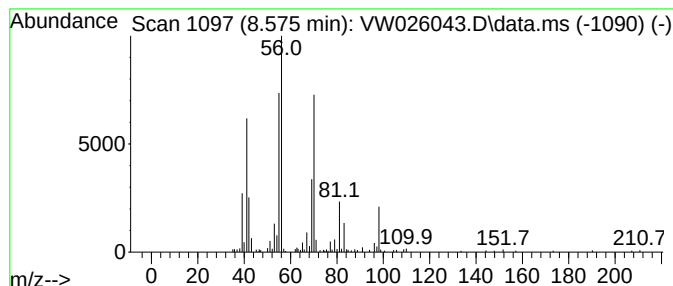
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic8.575 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	1.53 ug/L	113969	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
4		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
5		Isopropylcyclobutane	98	C7H14	000872-56-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

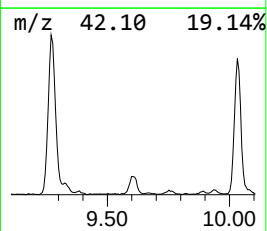
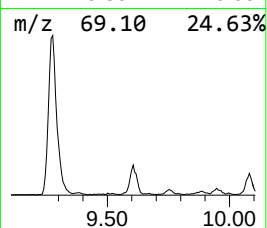
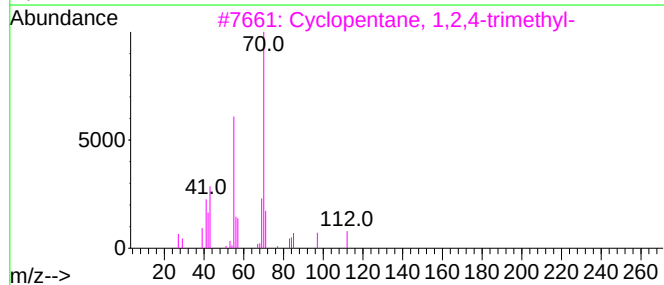
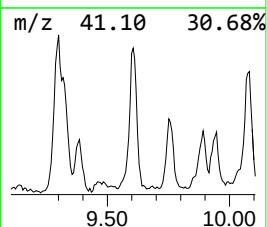
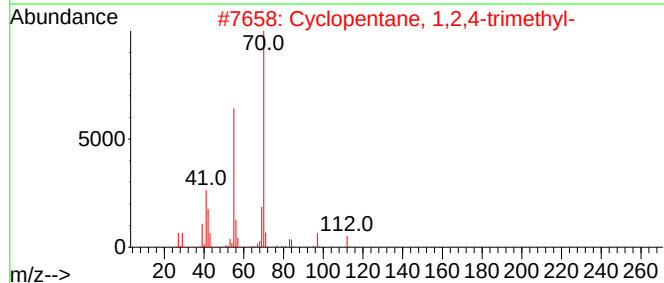
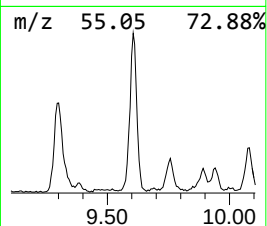
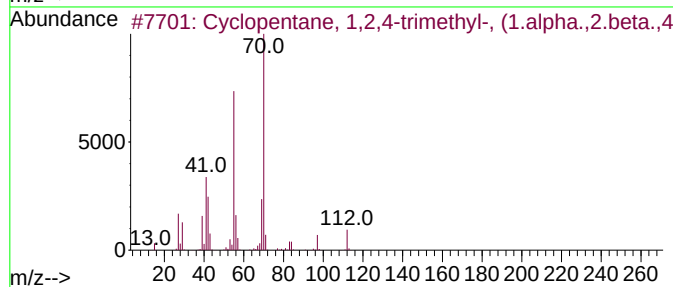
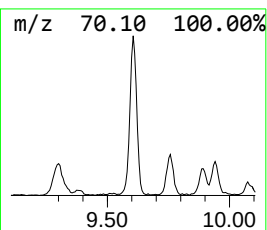
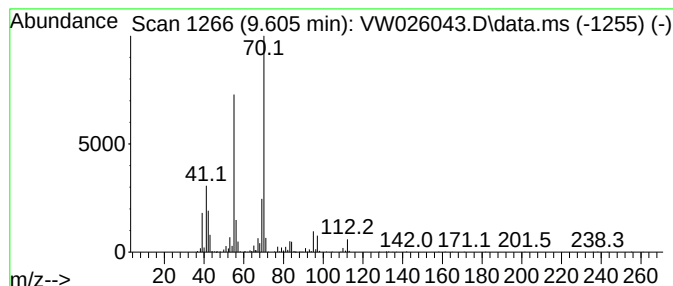
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic9.605 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	3.47 ug/L	257584	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
5			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

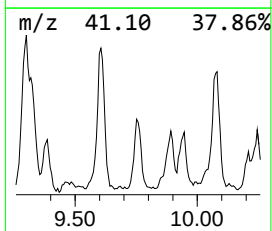
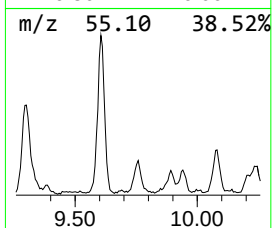
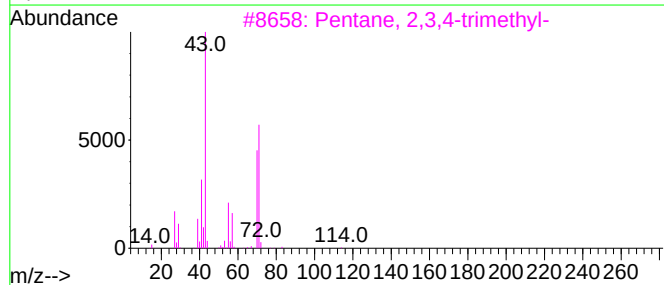
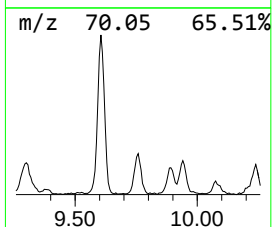
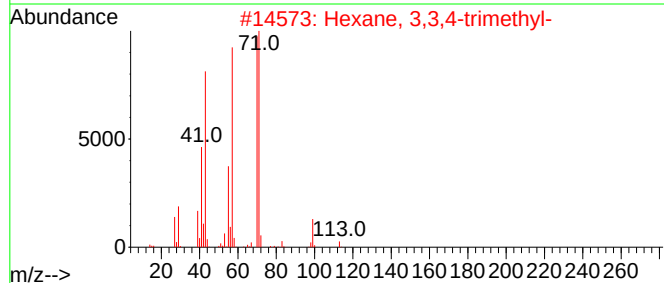
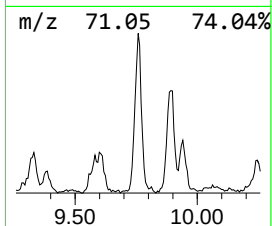
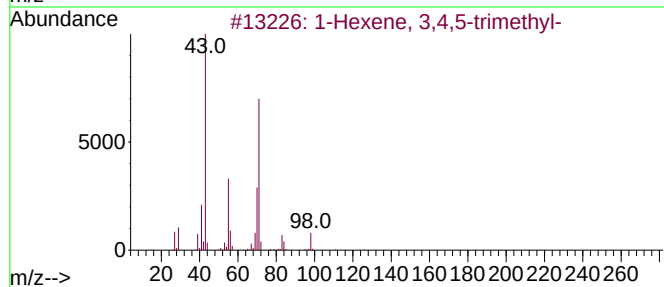
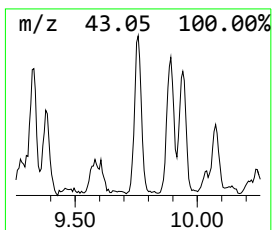
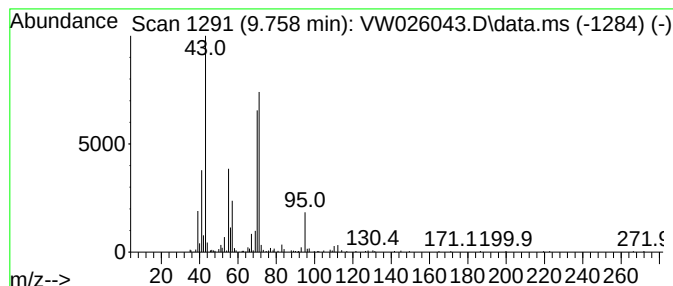
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	1.51 ug/L	111865	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	72
2		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
5		Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

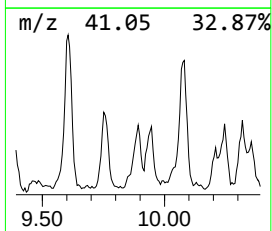
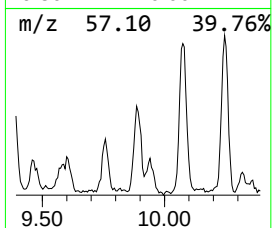
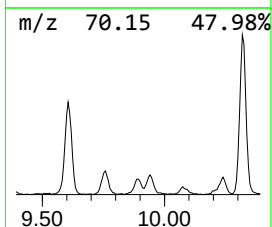
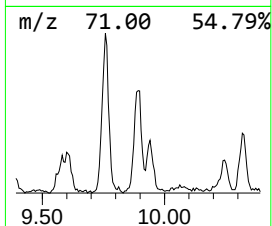
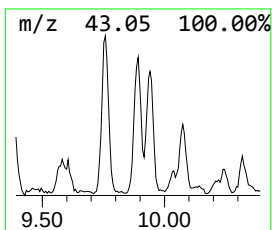
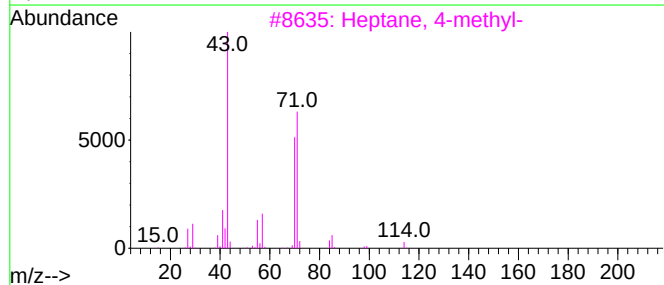
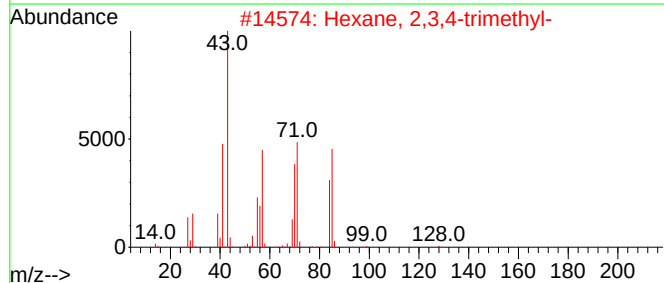
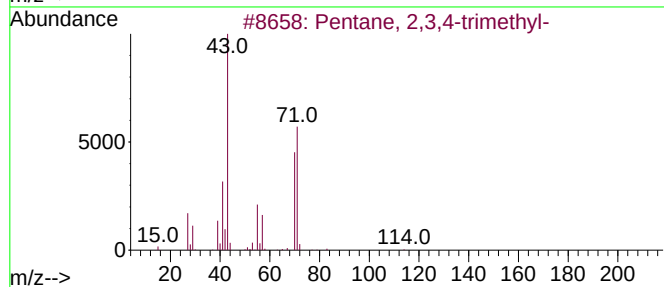
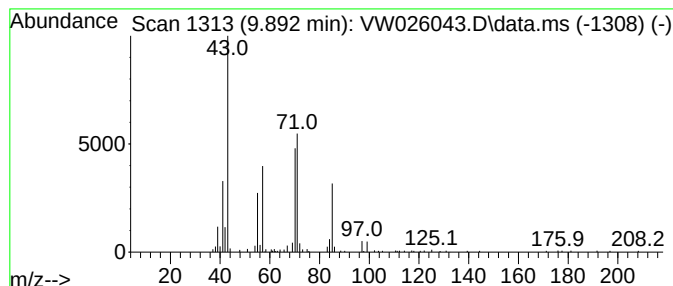
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.892	1.25 ug/L	93129	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

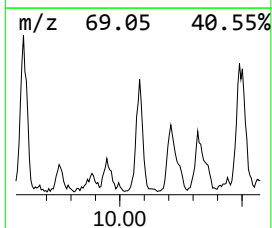
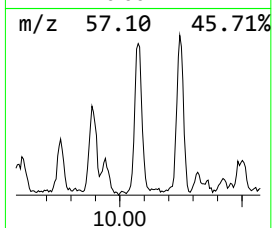
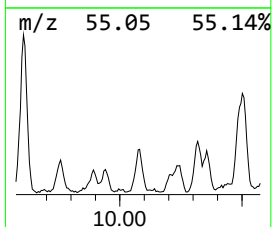
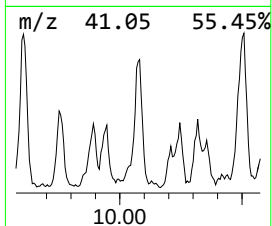
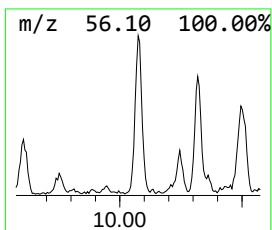
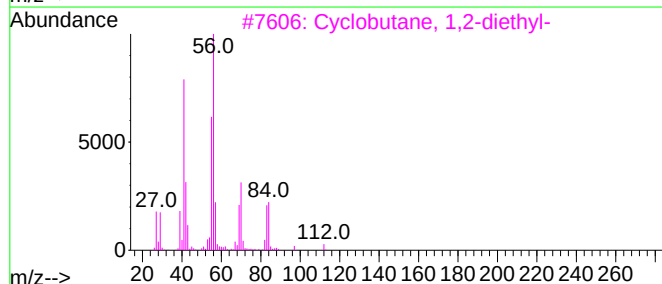
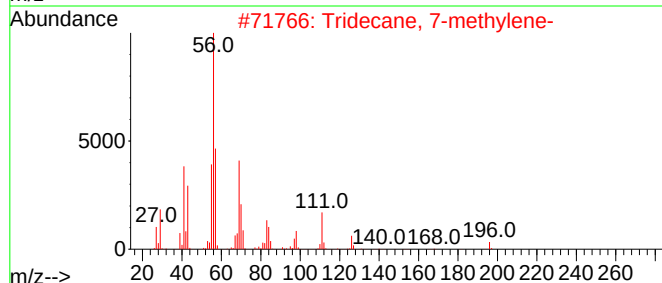
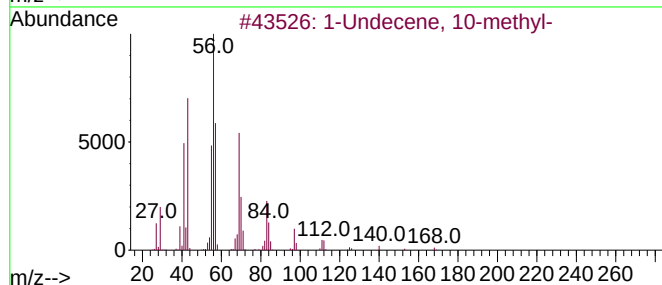
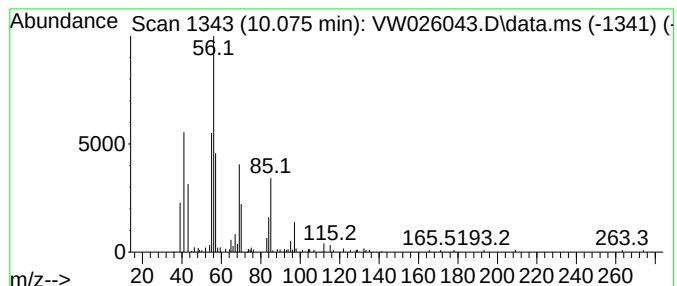
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	1.49 ug/L	110394	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Undecene, 10-methyl-	168	C12H24	022370-55-4	64
2			Tridecane, 7-methylene-	196	C14H28	019780-80-4	64
3			Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	59
4			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	58
5			Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

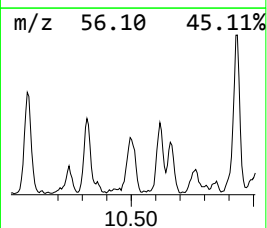
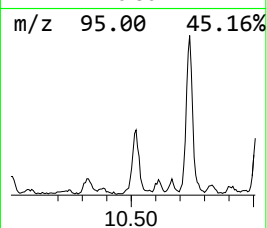
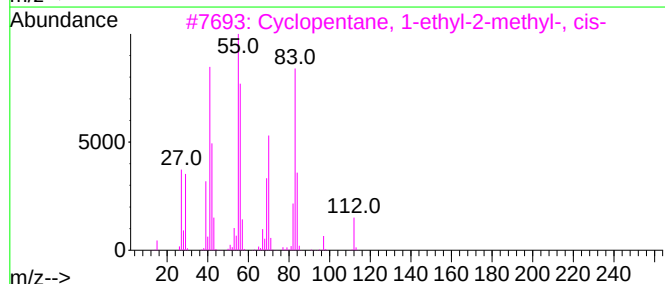
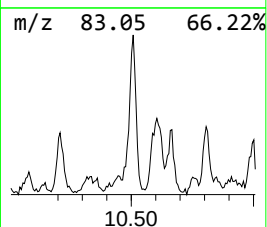
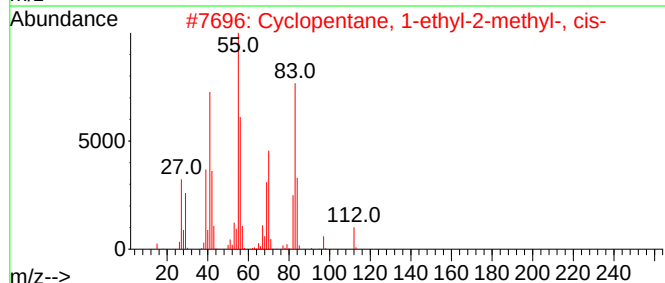
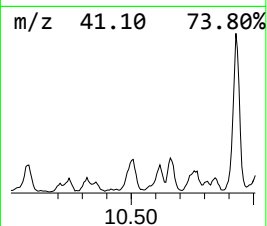
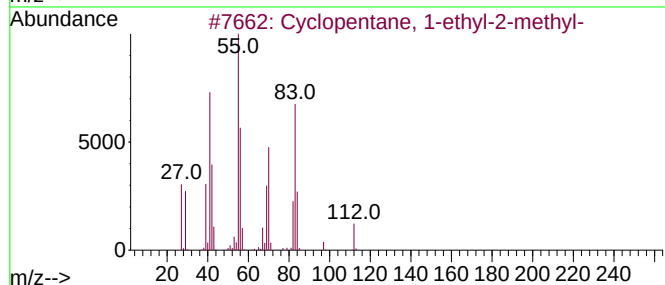
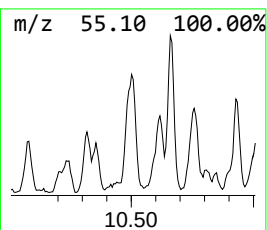
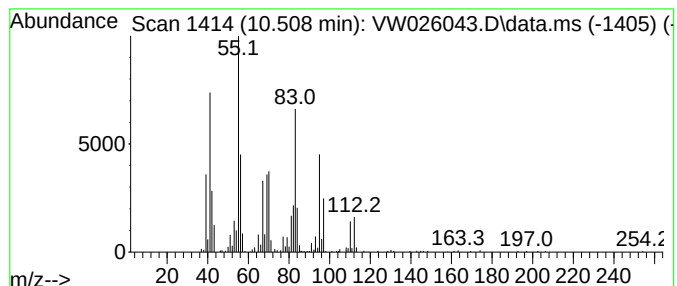
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic10.508 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.508	3.42 ug/L	242496	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	64
2			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	50
3			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	49
4			Cyclopentane, propyl-	112	C8H16	002040-96-2	43
5			2-Octene	112	C8H16	000111-67-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

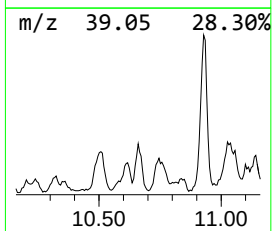
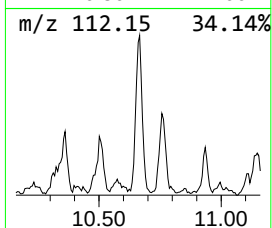
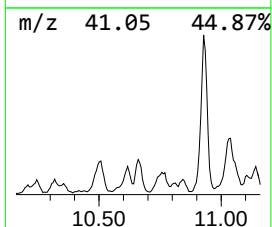
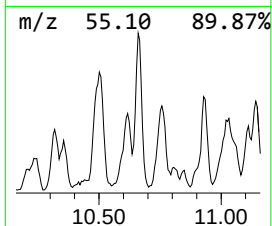
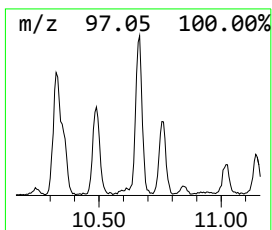
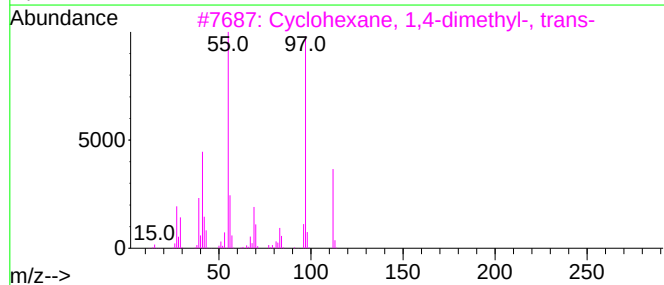
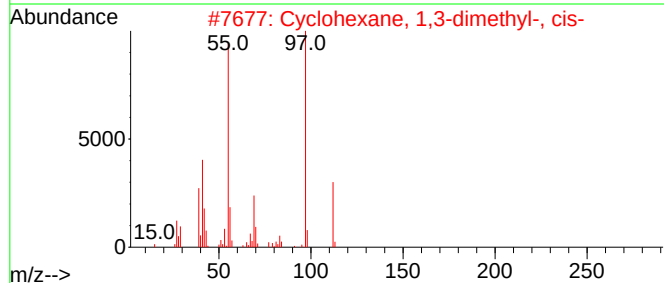
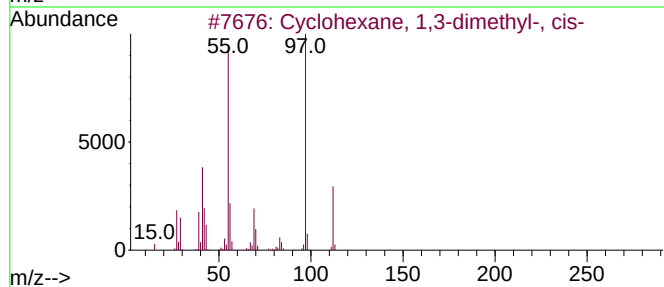
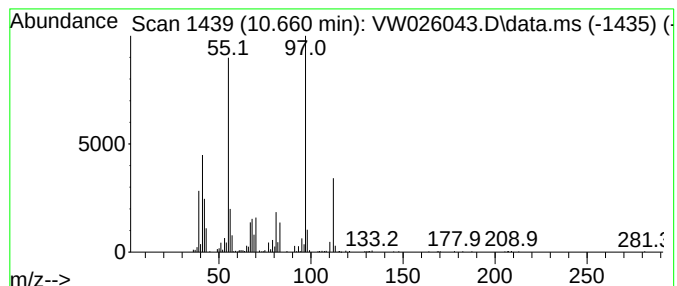
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic10.660 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	2.54 ug/L	180192	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86
3		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	80
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

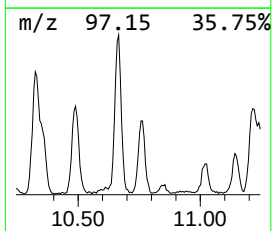
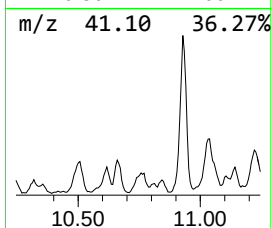
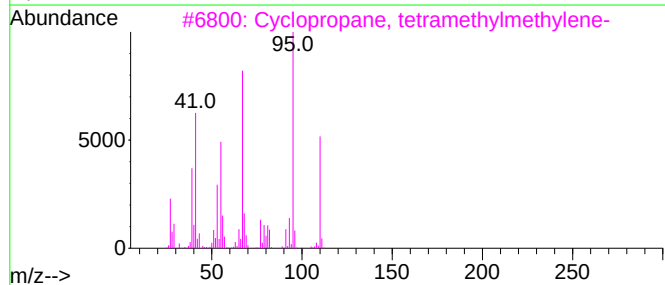
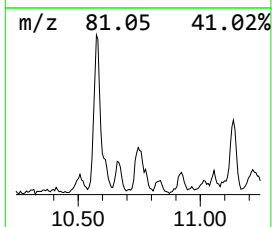
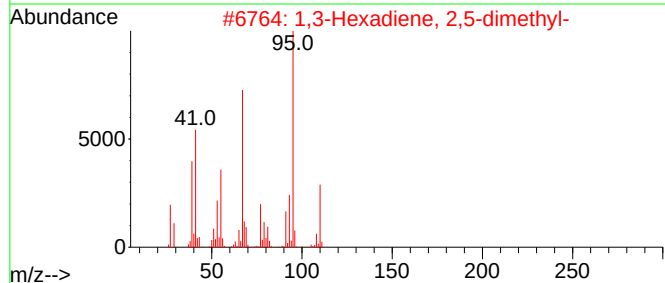
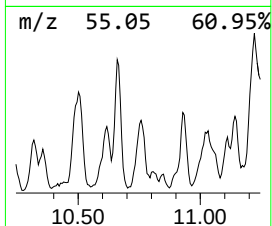
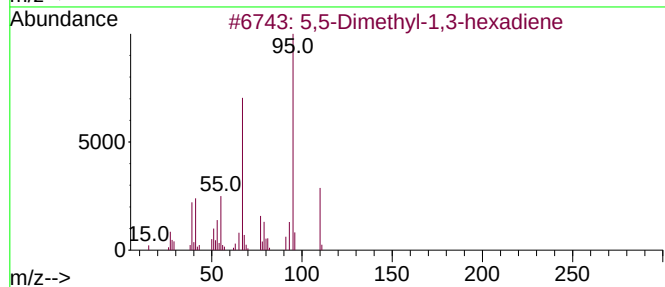
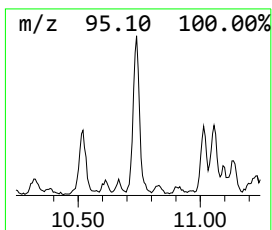
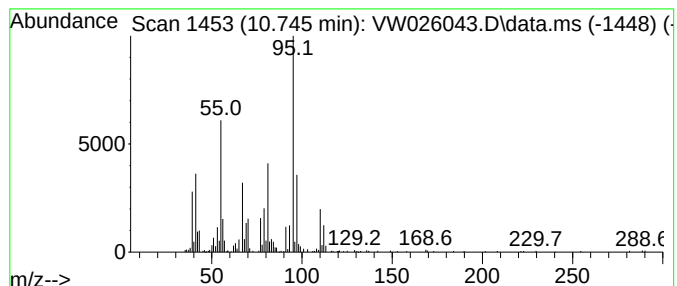
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	2.55 ug/L	180647	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	49
2			1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	43
3			Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	43
4			2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	43
5			1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

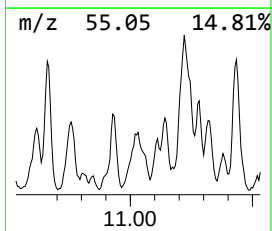
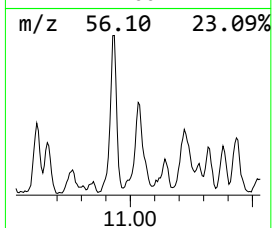
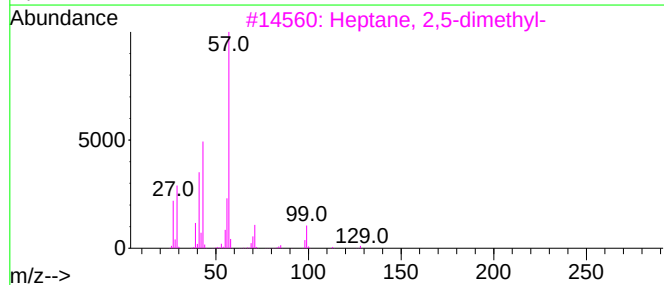
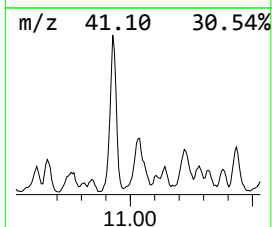
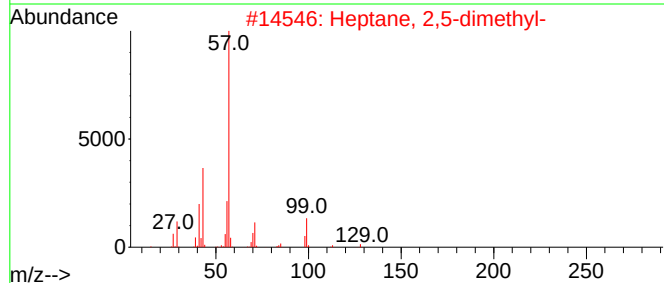
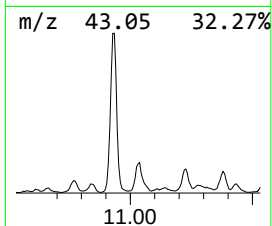
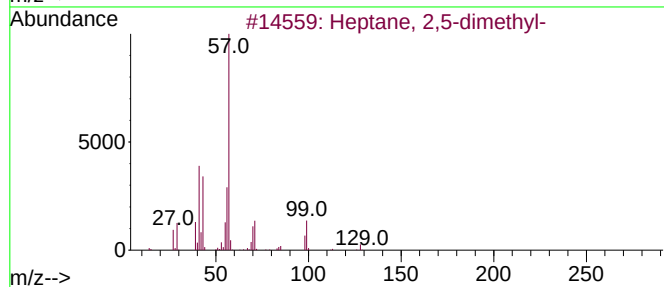
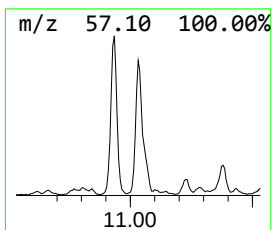
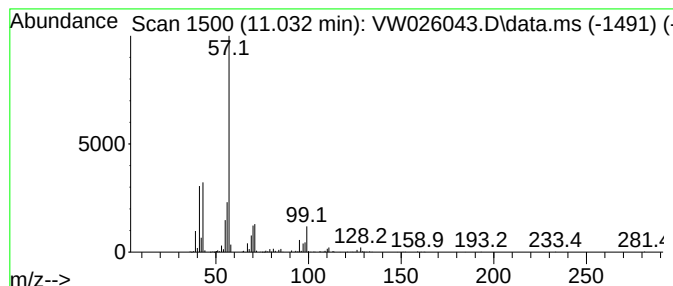
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	6.00 ug/L	425176	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	68
5		Octane, 3-methyl-	128	C9H20	002216-33-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

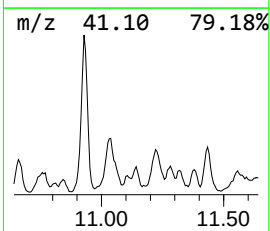
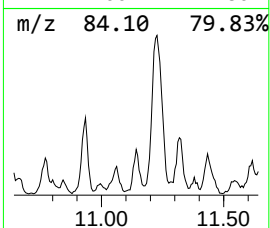
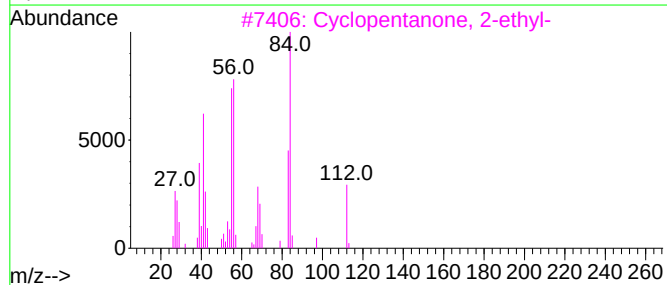
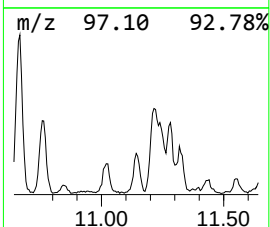
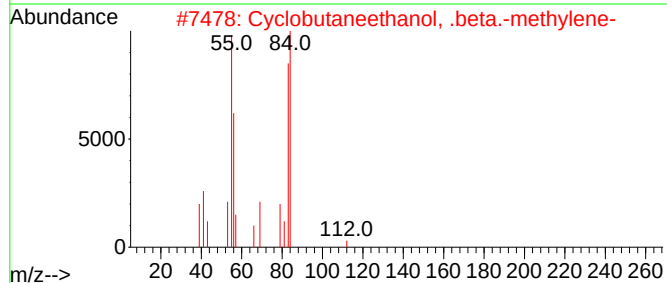
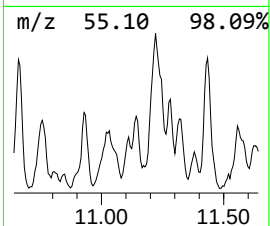
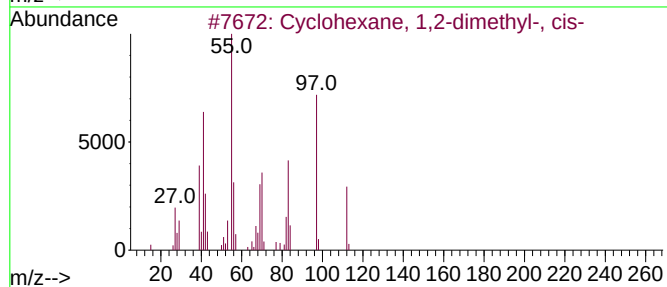
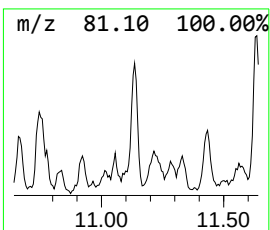
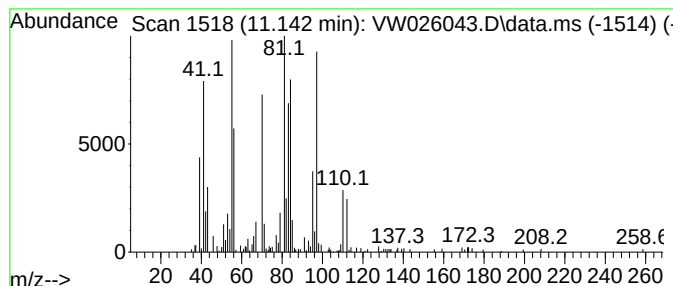
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MSVOA_W
ClientSampleId :
EW985

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic11.142 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.142	1.78 ug/L	126461	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
2	Cyclobutaneethanol, .beta.-methy...	112	C7H12O	116203-80-6	27
3	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	25
4	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	22
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

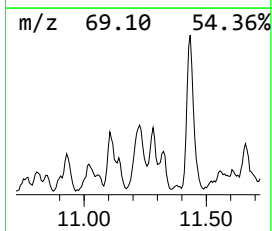
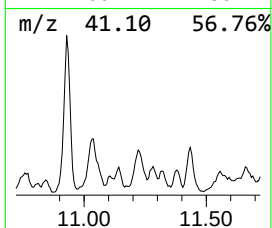
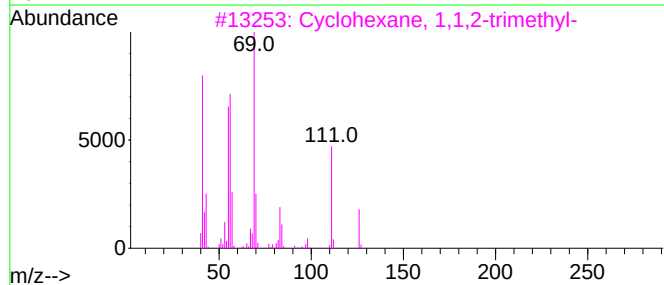
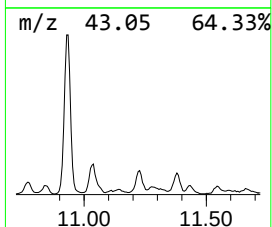
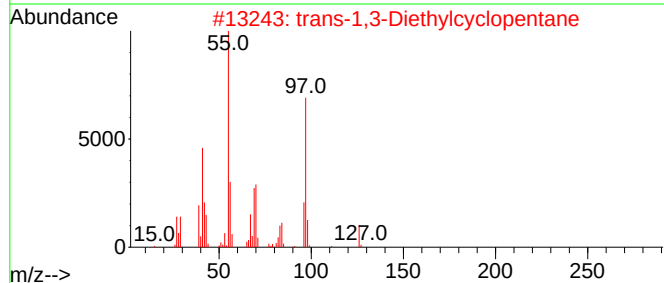
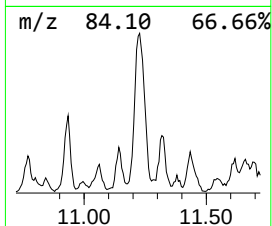
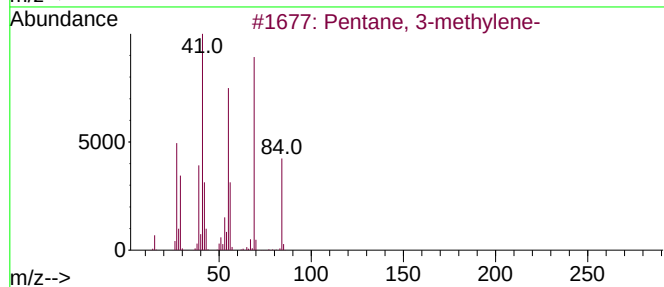
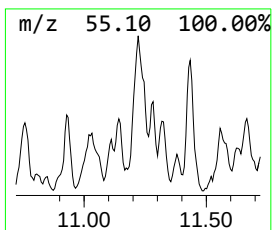
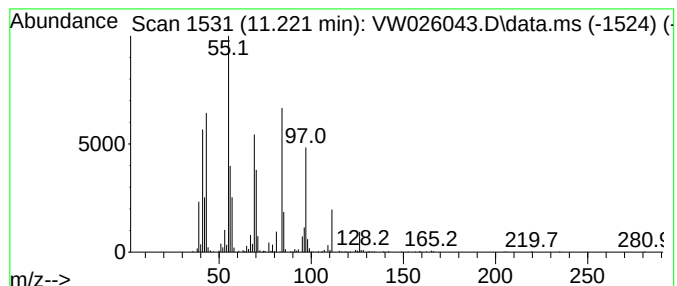
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.221	4.92 ug/L	348513	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methylene-	84	C6H12	000760-21-4	46
2		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	35
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
4		2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	27
5		2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

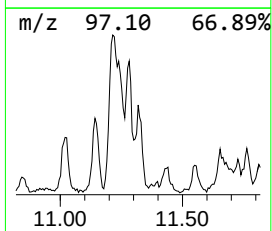
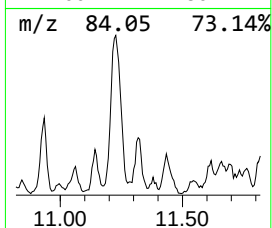
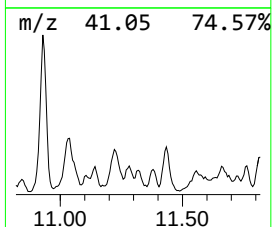
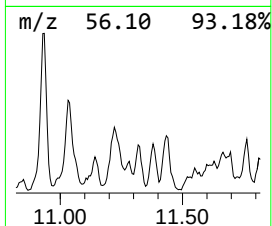
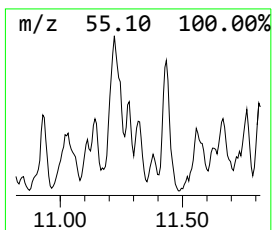
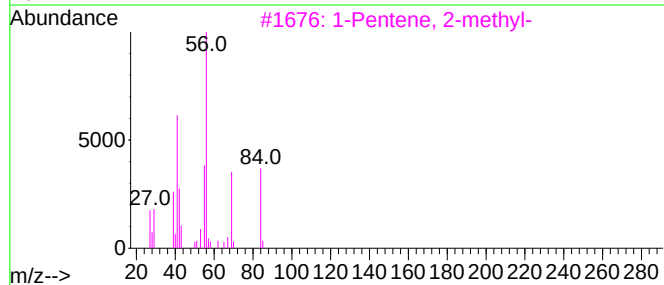
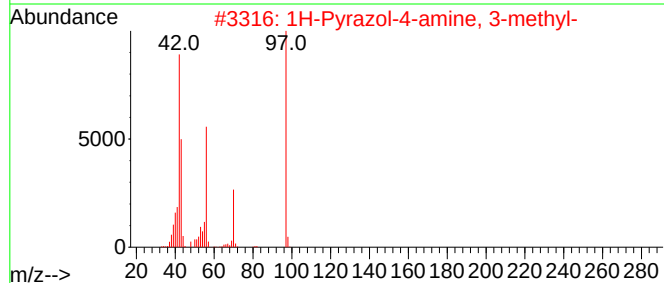
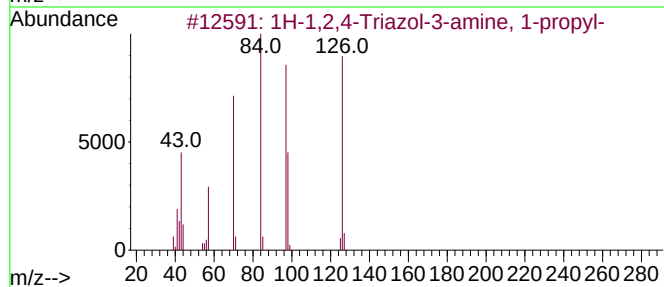
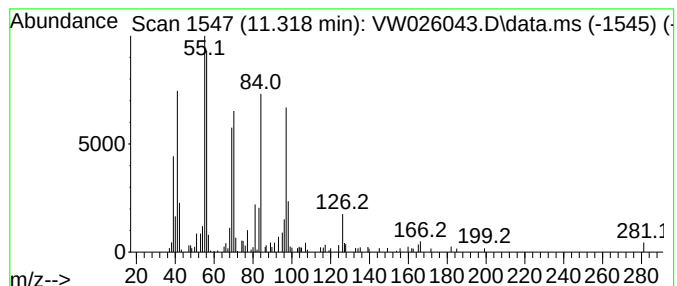
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.319	1.31 ug/L	93110	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-1,2,4-Triazol-3-amine, 1-propyl-	126	C5H10N4	058661-95-3	47
2			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	46
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
4			Isopropylcyclobutane	98	C7H14	000872-56-0	41
5			Cyclohexane	84	C6H12	000110-82-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

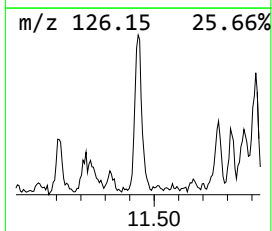
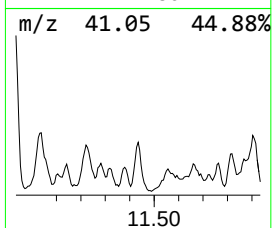
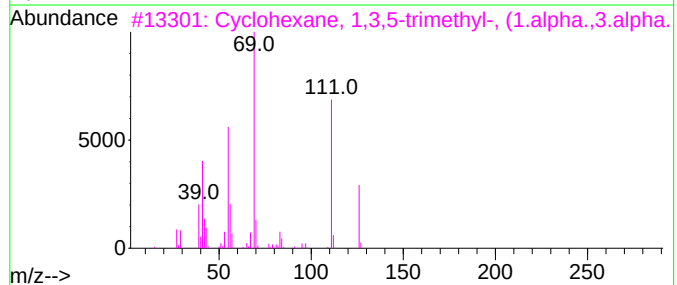
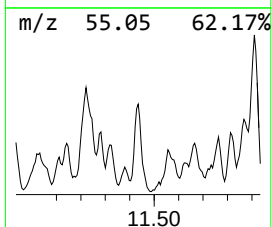
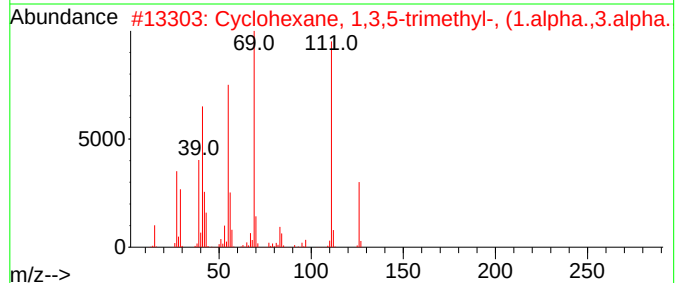
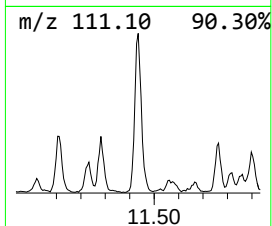
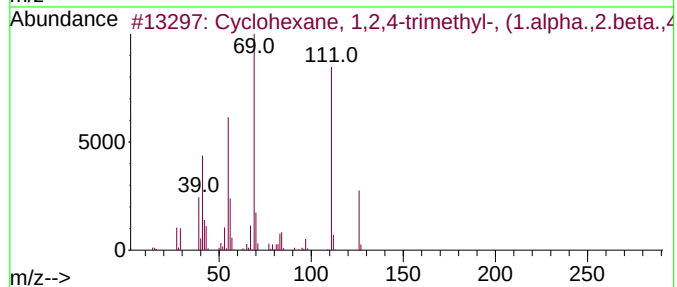
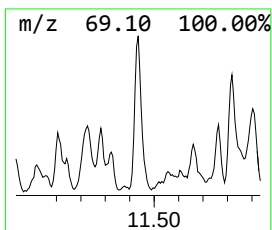
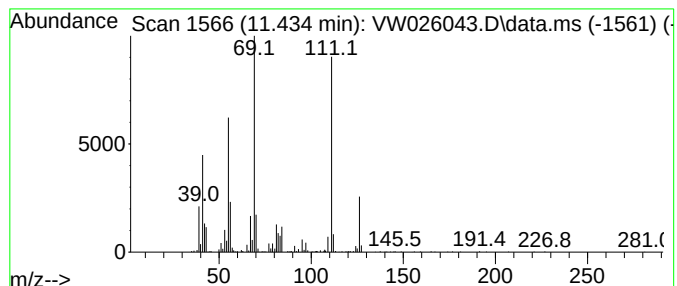
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic11.434 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	4.61 ug/L	326336	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

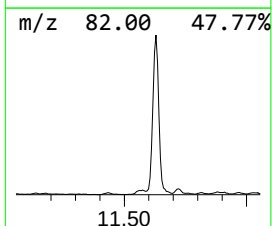
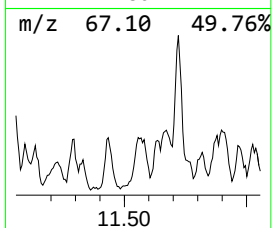
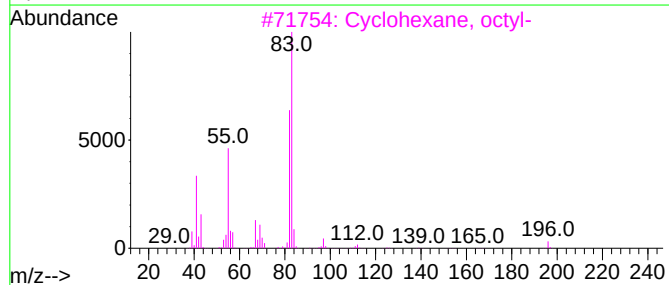
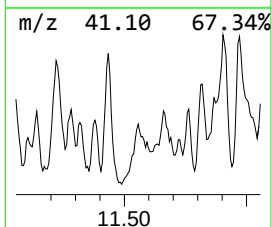
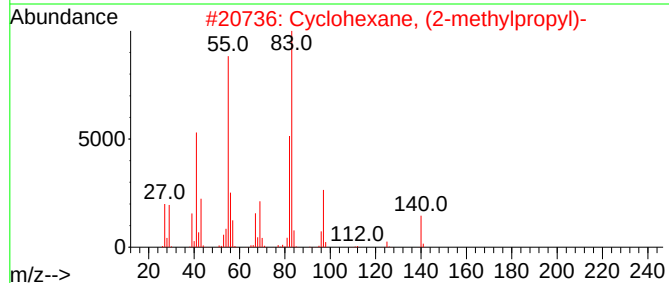
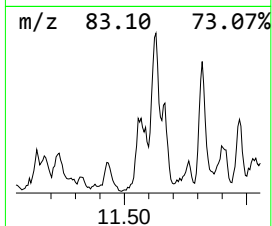
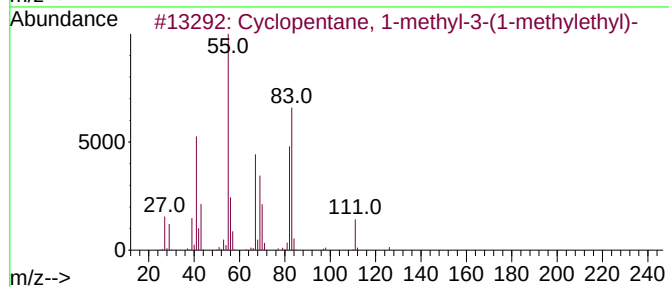
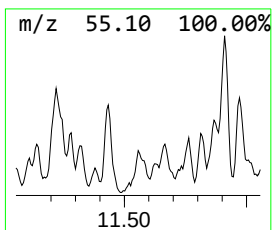
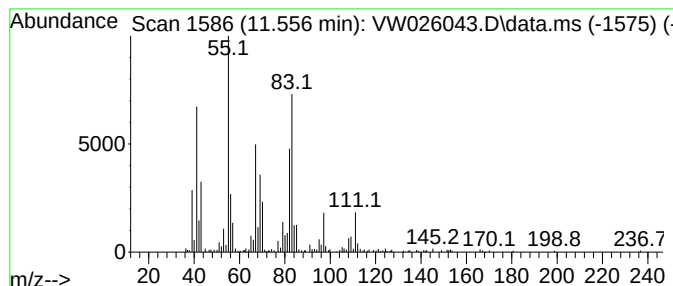
Instrument :
MSVOA_W
ClientSampleId :
EW985

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic11.556 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.556	3.17 ug/L	224536	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...		126	C9H18	053771-88-3	80
2	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	50
3	Cyclohexane, octyl-		196	C14H28	001795-15-9	47
4	Cyclohexanecarboxaldehyde		112	C7H12O	002043-61-0	35
5	2-Pentene, 3-ethyl-2-methyl-		112	C8H16	019780-67-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

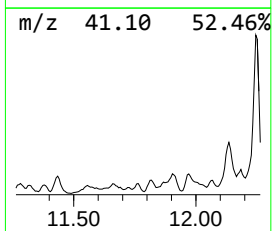
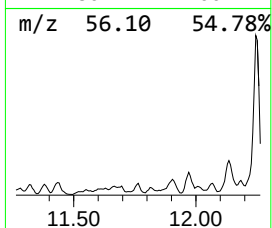
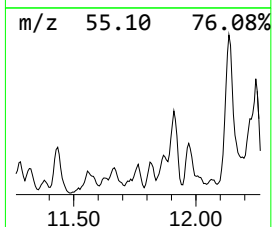
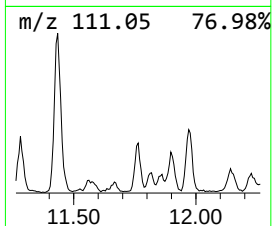
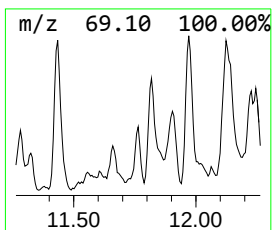
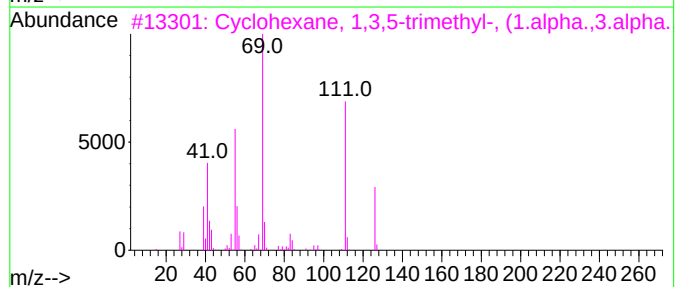
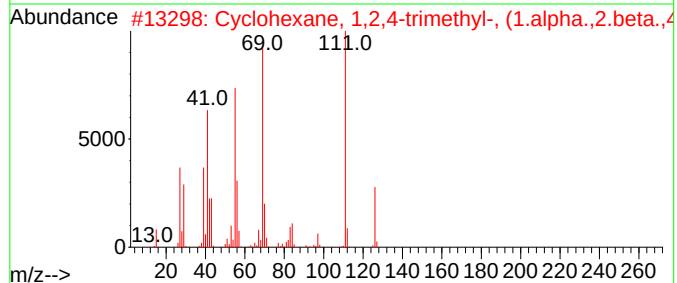
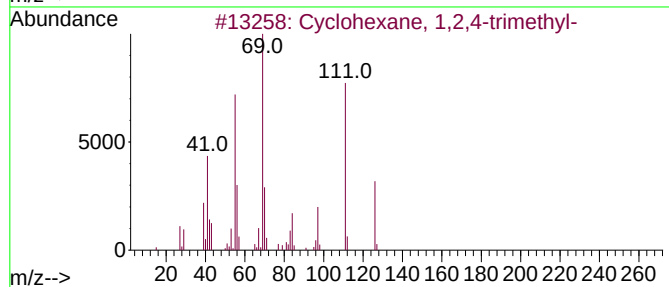
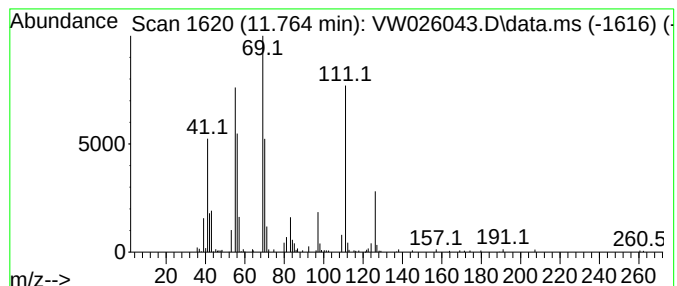
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic11.764 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.764	1.59 ug/L	112814	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	62
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

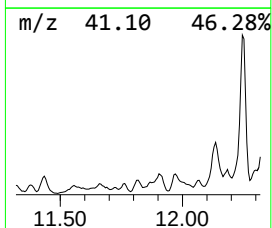
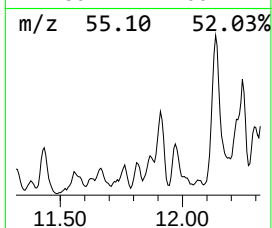
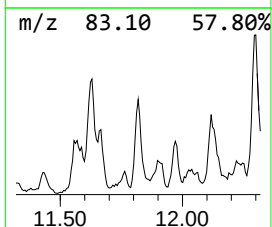
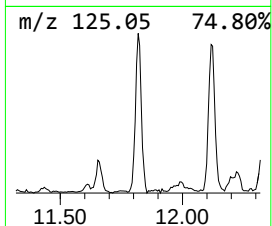
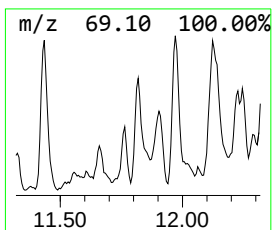
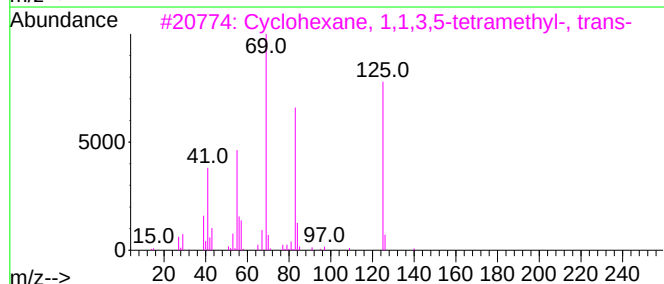
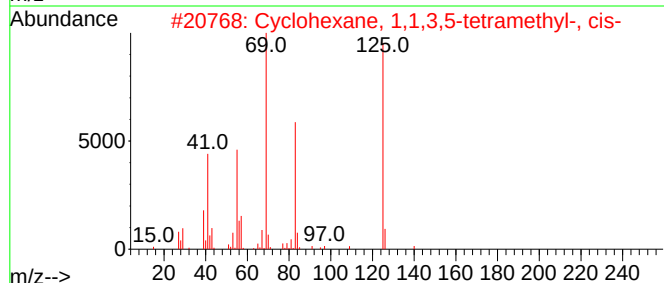
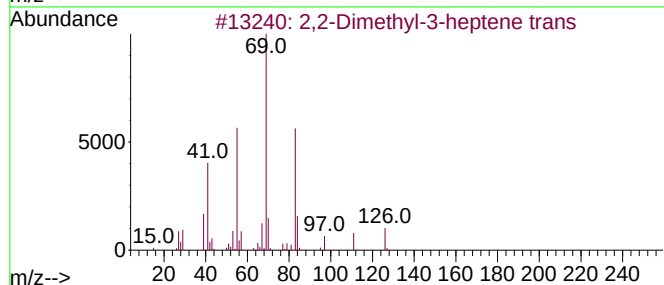
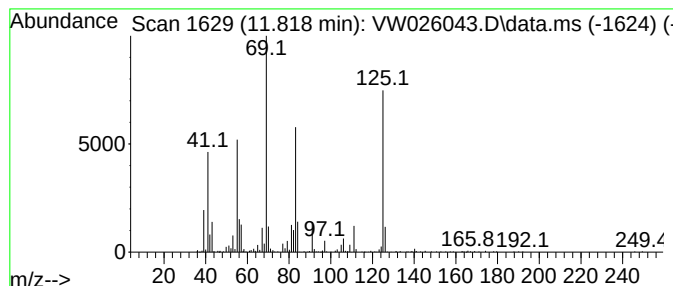
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.818	3.10 ug/L	219630	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	90
2			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	87
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	87
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	74
5			Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

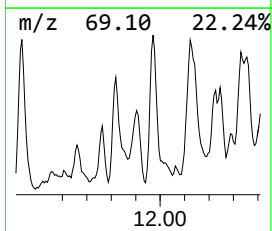
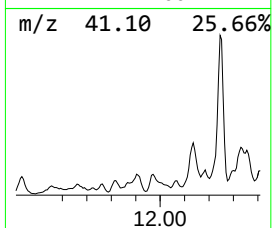
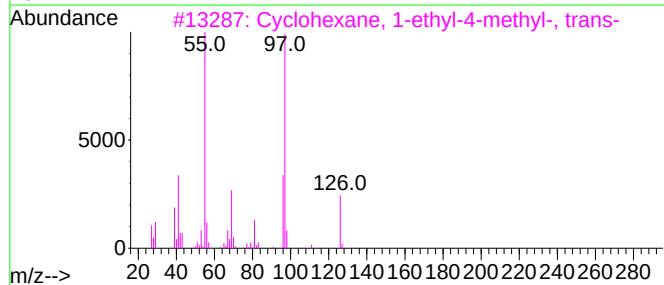
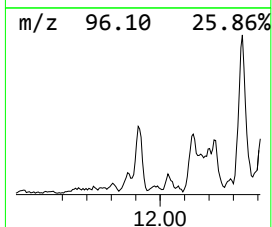
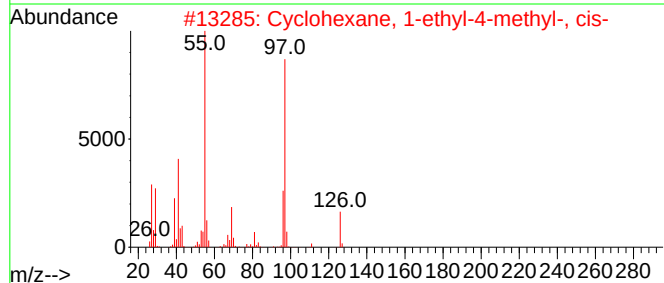
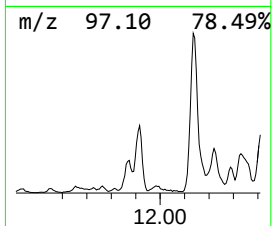
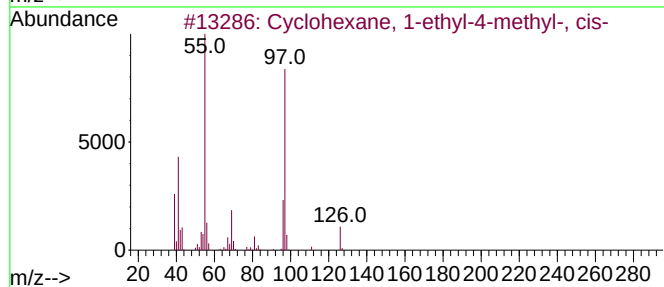
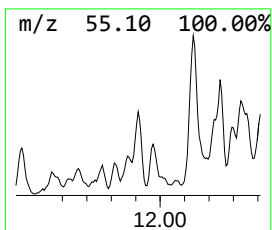
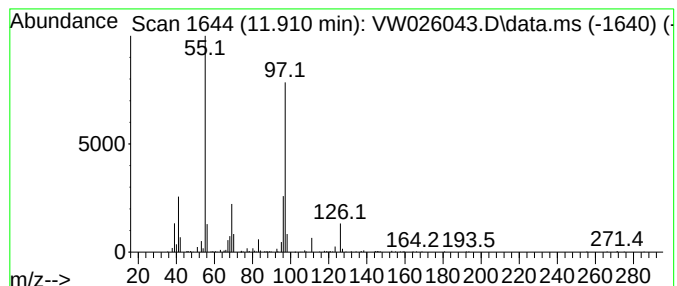
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Cyclic11.910 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.910	4.21 ug/L	297950	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	004926-78-7	87
2	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	004926-78-7	87
3	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	006236-88-0	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	006236-88-0	80
5	1-Ethyl-4-methylcyclohexane		126	C9H18	003728-56-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

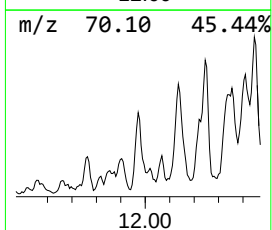
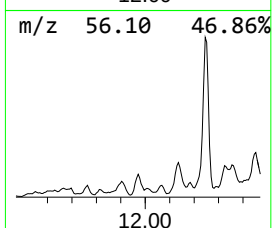
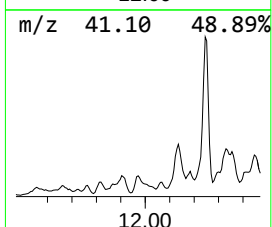
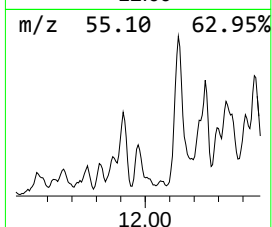
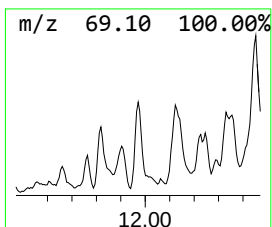
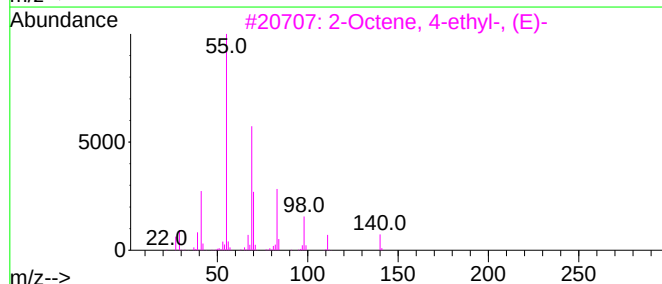
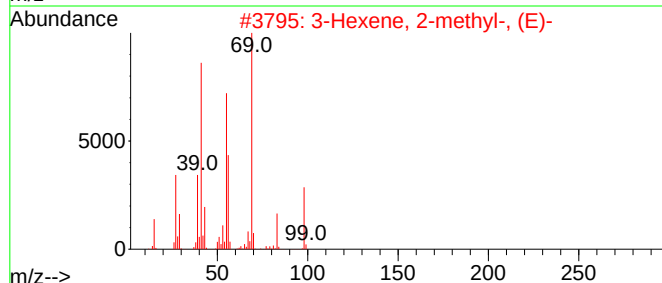
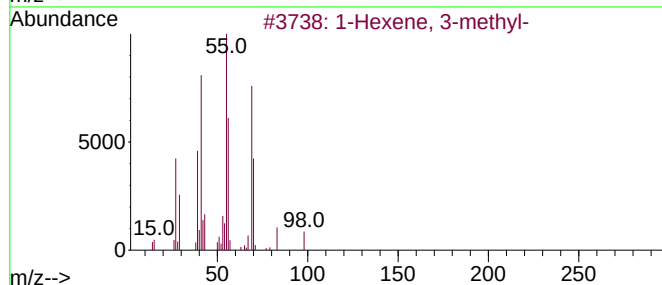
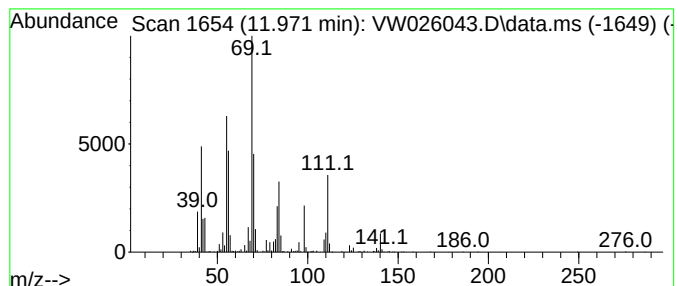
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.971	5.68 ug/L	402807	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	64
2	3-Hexene, 2-methyl-, (E)-		98	C7H14	000692-24-0	52
3	2-Octene, 4-ethyl-, (E)-		140	C10H20	074630-09-4	47
4	Cyclopropane, 1,1-diethyl-		98	C7H14	001003-19-6	46
5	Trans-1,4-diethylcyclohexane		140	C10H20	013990-93-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

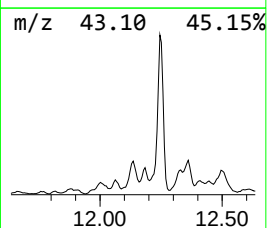
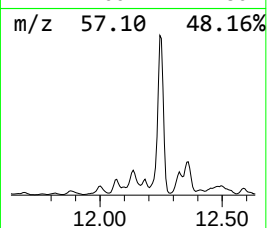
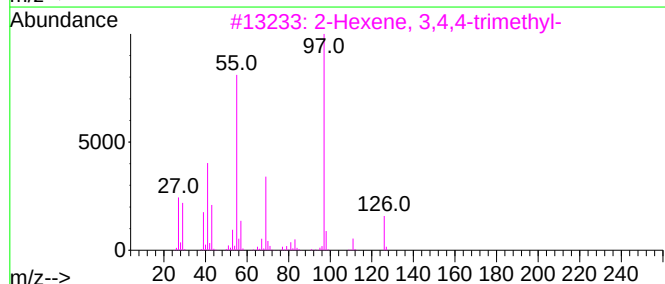
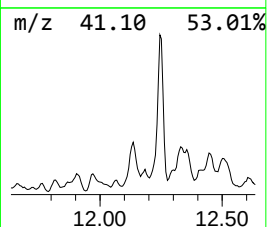
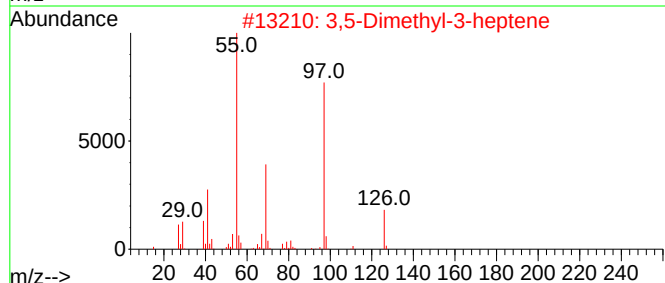
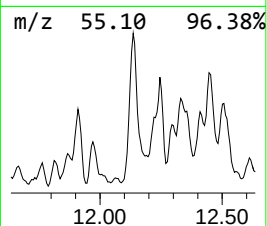
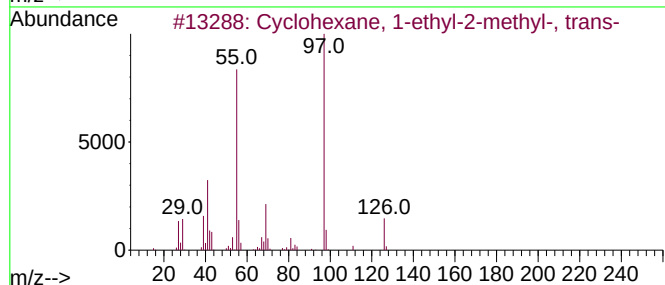
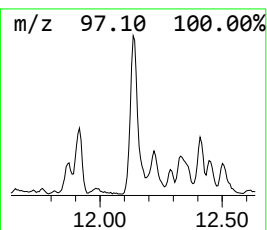
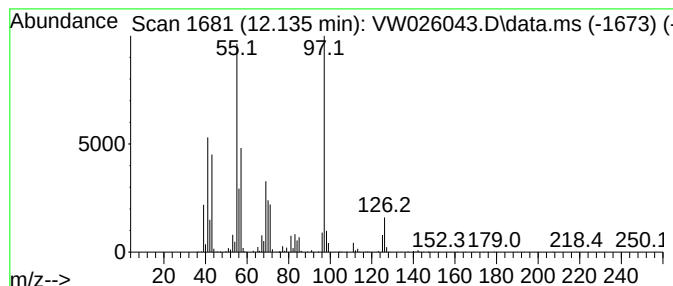
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic12.135 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	13.29 ug/L	941894	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
3		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	52
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

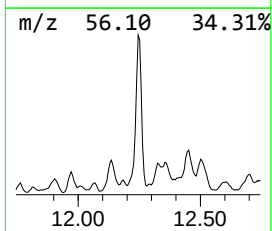
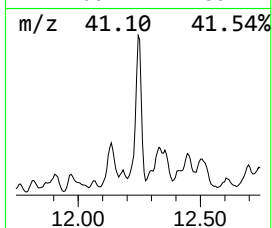
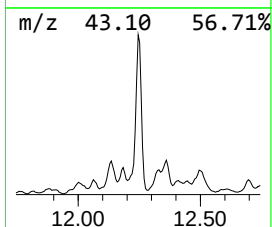
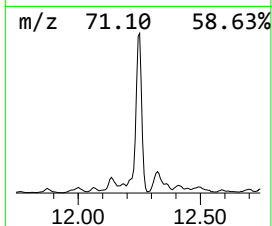
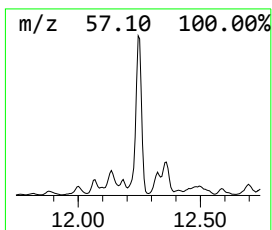
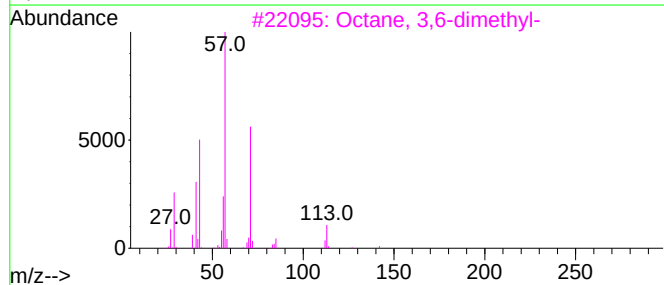
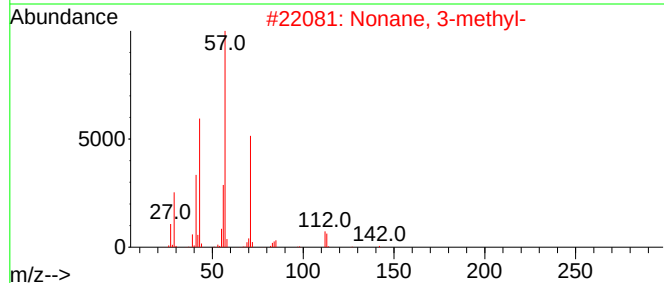
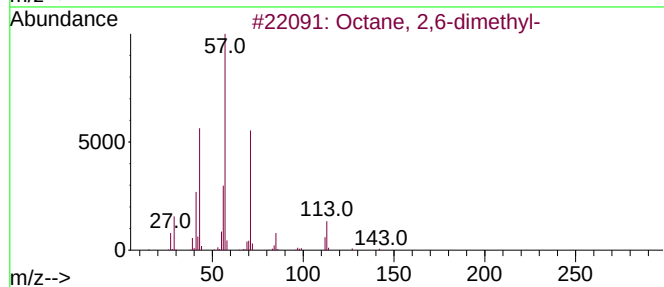
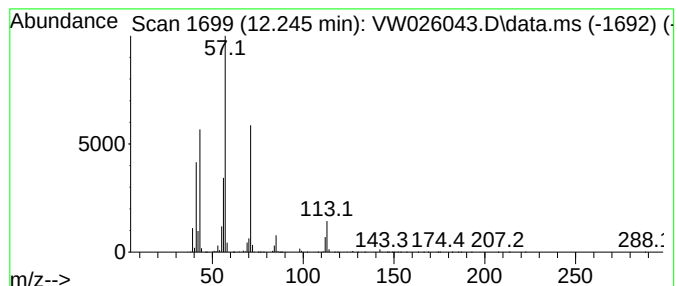
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MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.245	25.54 ug/L	1809950	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	93
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	90
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	90
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

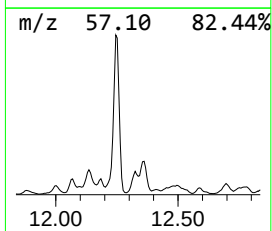
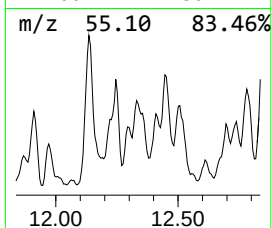
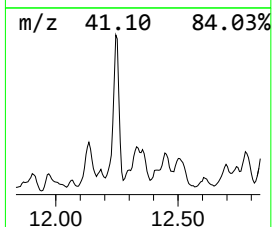
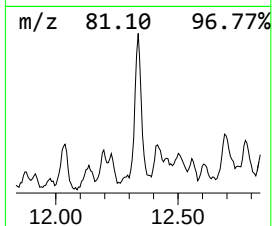
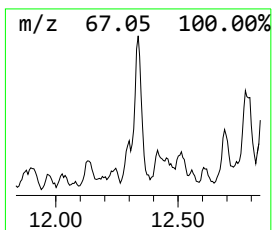
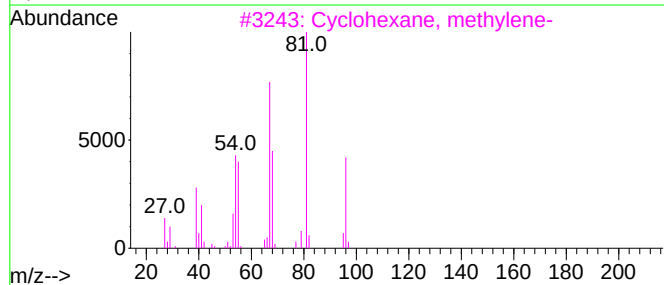
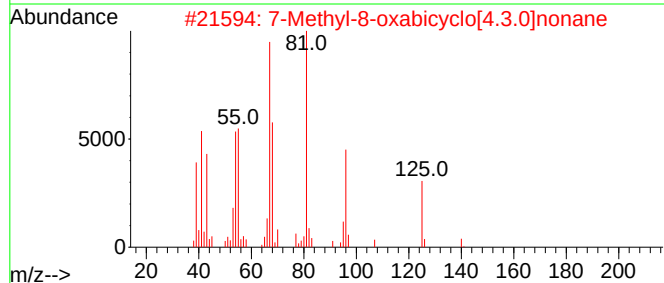
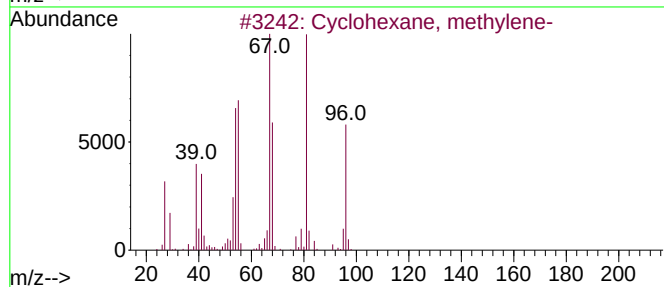
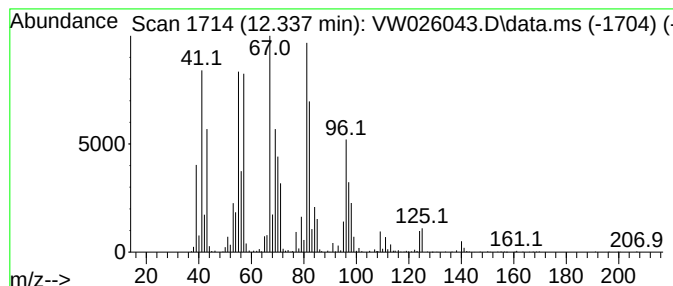
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Cyclohexane, methylene- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	16.51 ug/L	1169800	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methylene-	96	C7H12	001192-37-6	55
2			7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	46
3			Cyclohexane, methylene-	96	C7H12	001192-37-6	46
4			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
5			Cyclohexane, isocyanato-	125	C7H11NO	003173-53-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

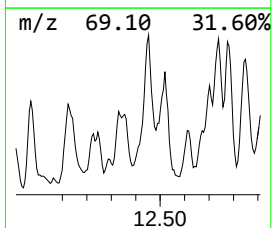
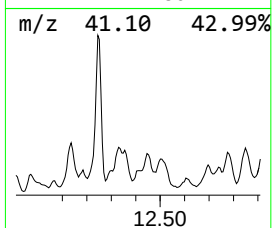
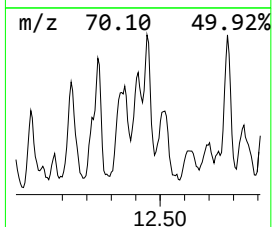
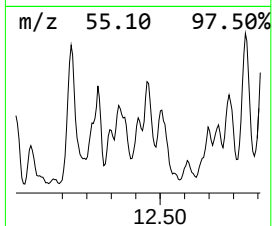
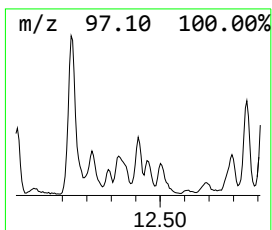
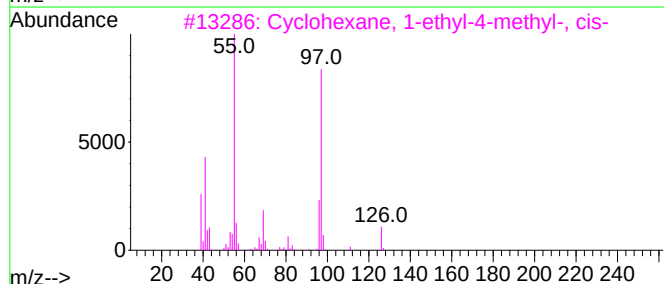
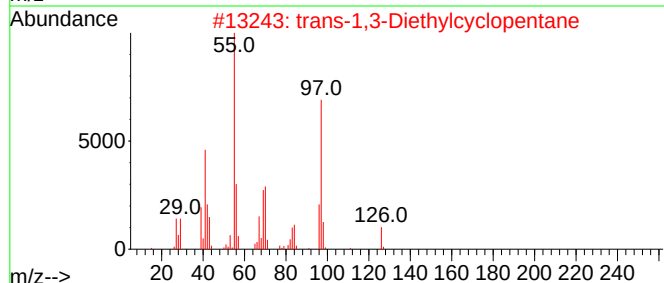
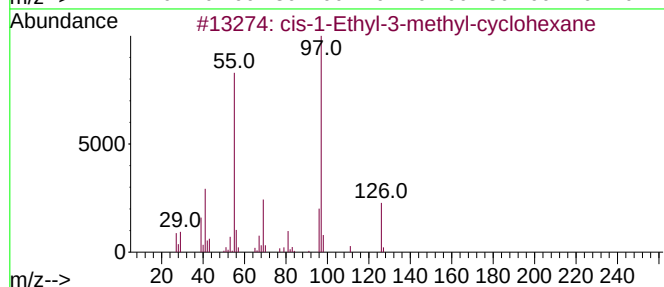
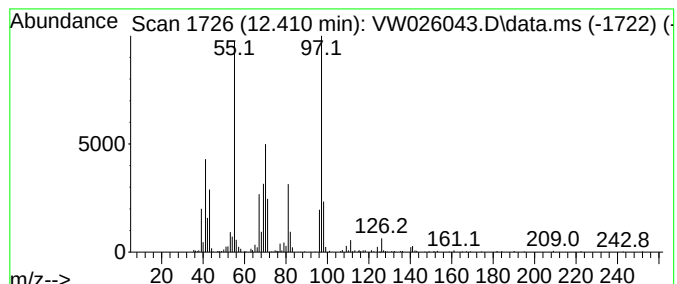
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Cyclic12.410 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	2.95 ug/L	209061	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	47
2			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	45
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	38
5			Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	006069-98-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

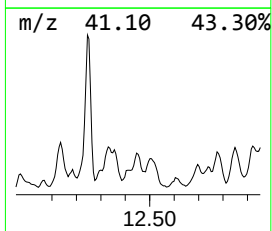
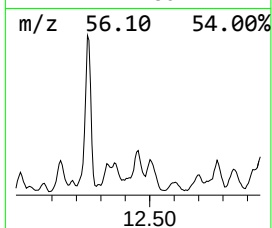
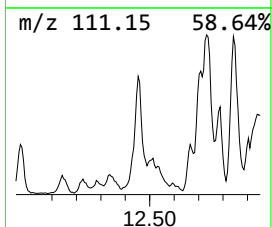
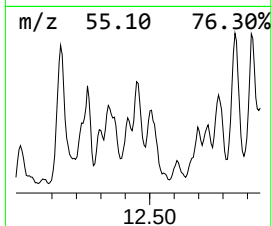
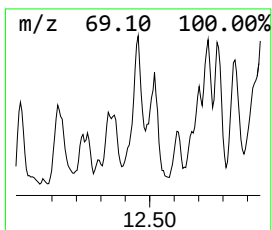
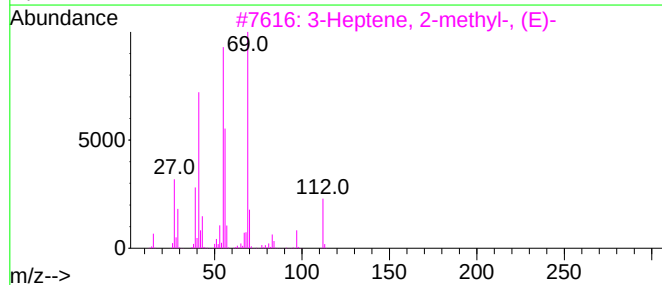
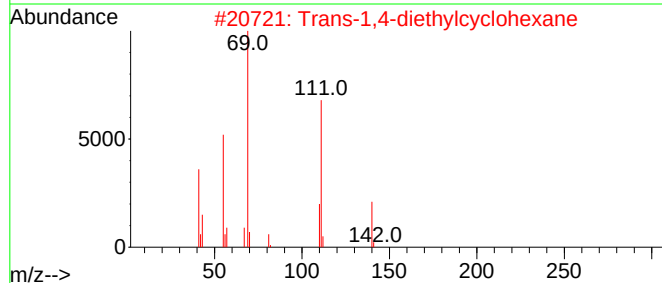
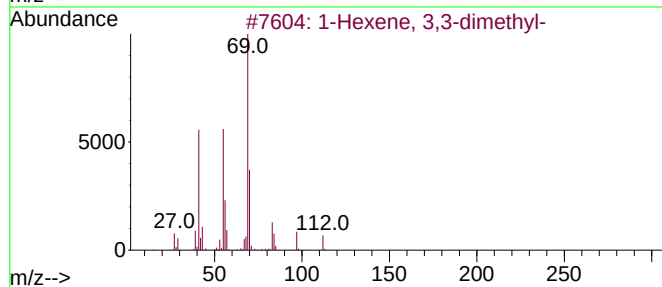
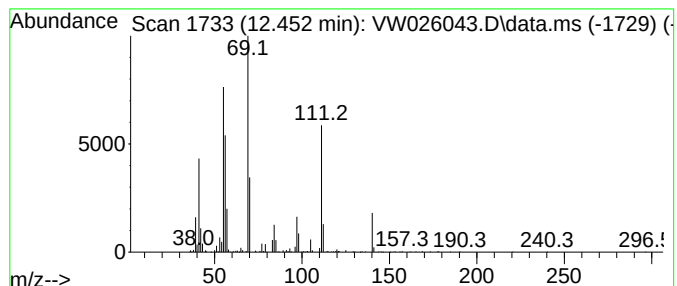
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.452	4.99 ug/L	353910	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-		112	C8H16	003404-77-1	58
2	Trans-1,4-diethylcyclohexane		140	C10H20	013990-93-7	50
3	3-Heptene, 2-methyl-, (E)-		112	C8H16	000692-96-6	50
4	3-Heptene, 2-methyl-		112	C8H16	017618-76-7	50
5	3-Nonene, 2-methyl-		140	C10H20	053966-53-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

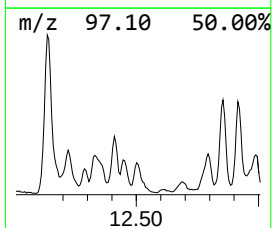
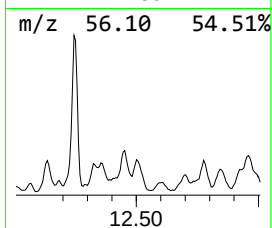
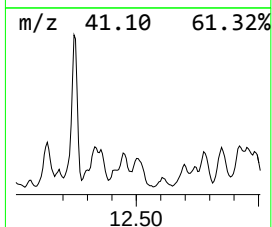
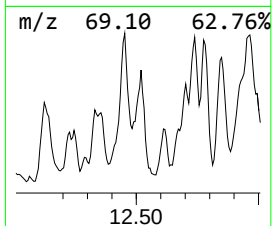
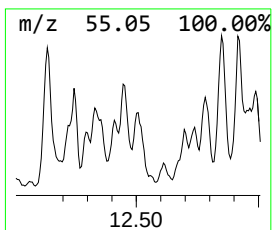
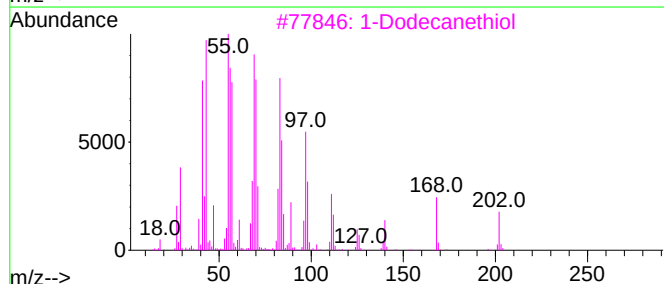
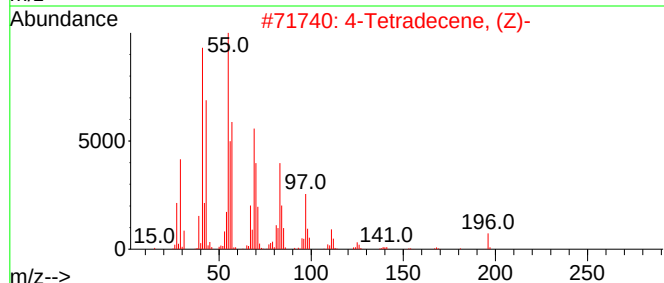
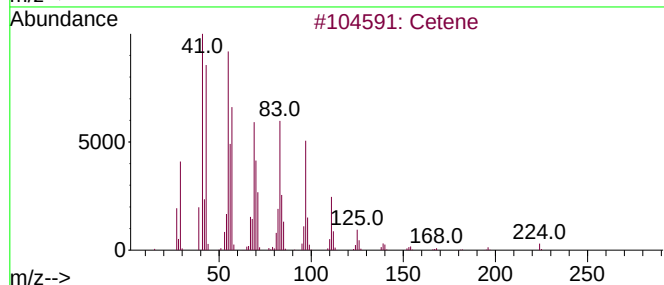
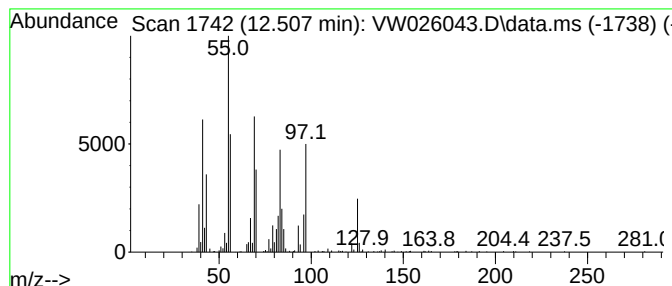
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.507	7.87 ug/L	557558	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cetene	224	C16H32	000629-73-2	78
2			4-Tetradecene, (Z)-	196	C14H28	041446-65-5	53
3			1-Dodecanethiol	202	C12H26S	000112-55-0	50
4			2-Tridecene, (Z)-	182	C13H26	041446-59-7	50
5			Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

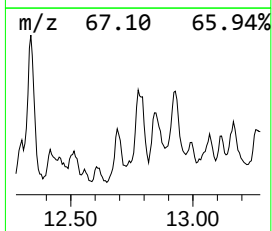
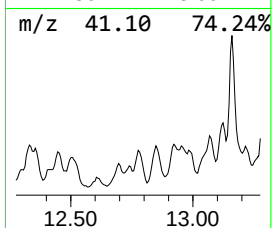
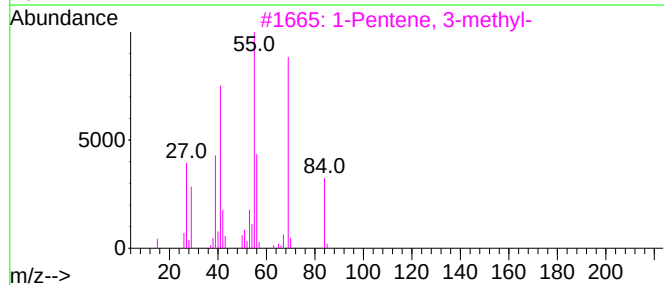
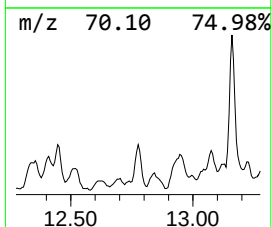
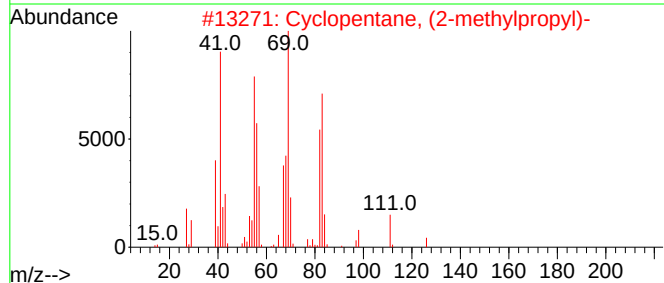
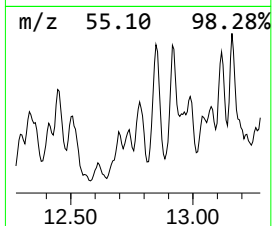
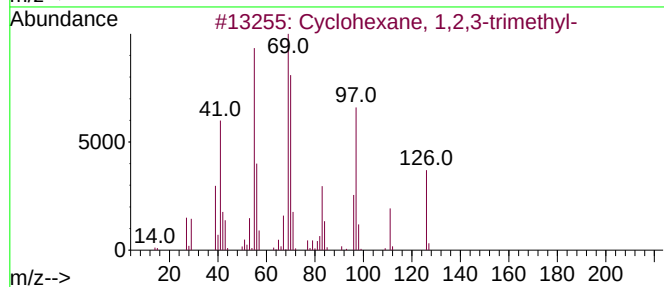
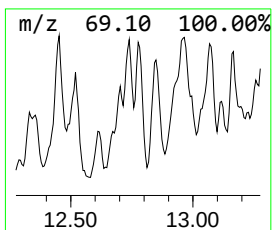
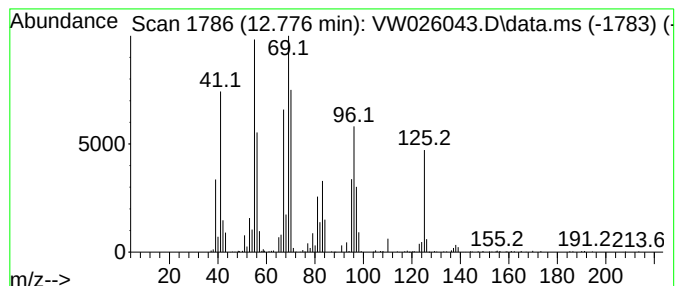
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic12.775 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	11.10 ug/L	547550	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	60
2		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
3		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	30
4		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
5		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

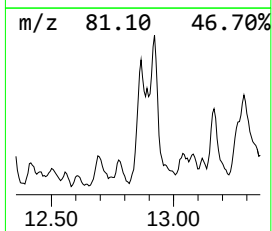
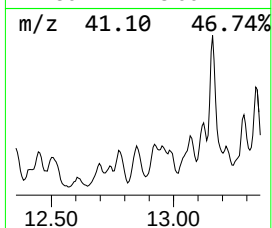
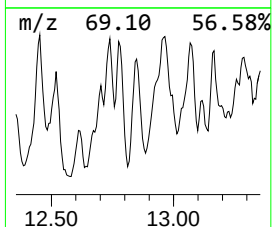
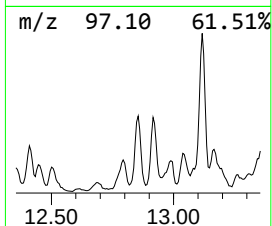
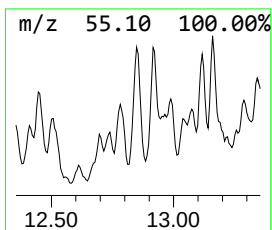
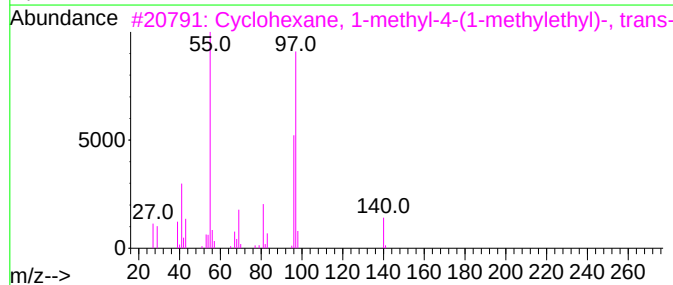
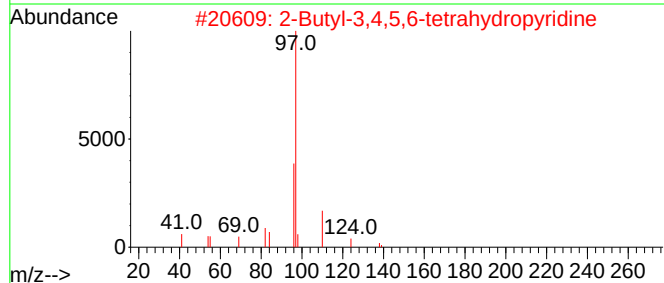
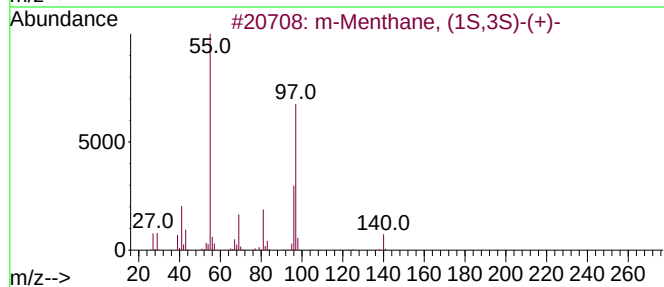
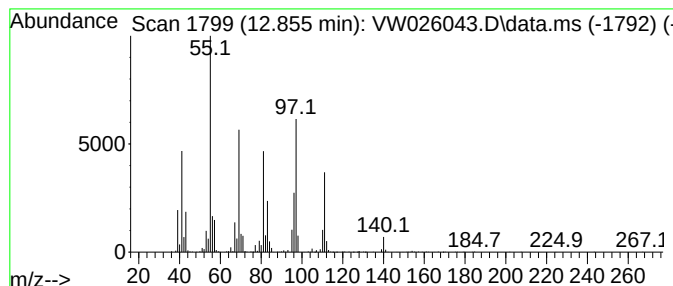
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.855	15.87 ug/L	782997	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	47
2	2-Butyl-3,4,5,6-tetrahydropyridine	139	C9H17N	001462-94-8	43
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

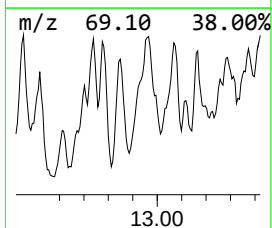
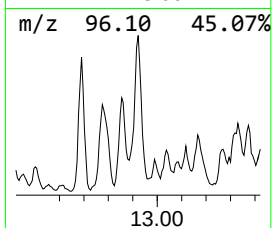
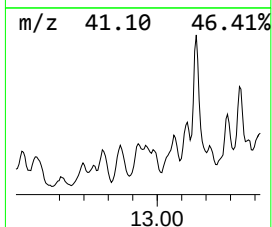
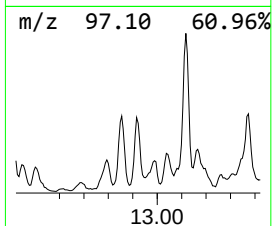
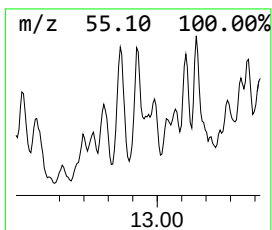
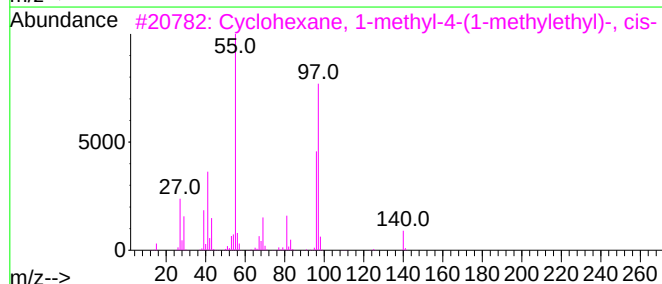
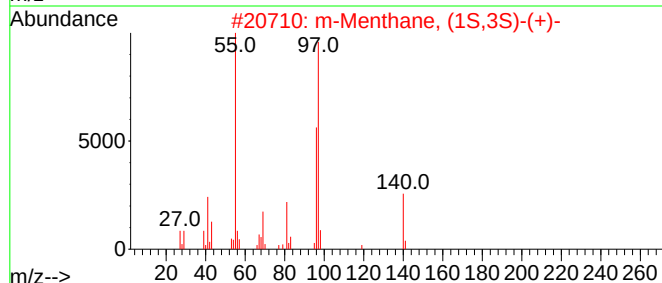
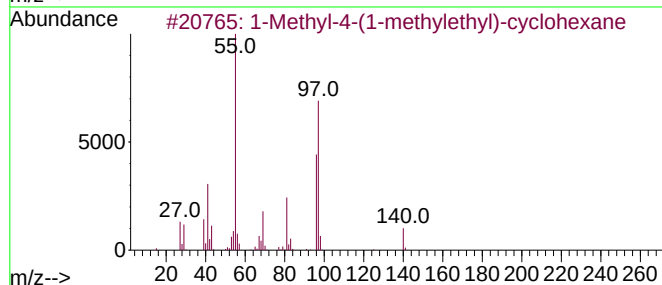
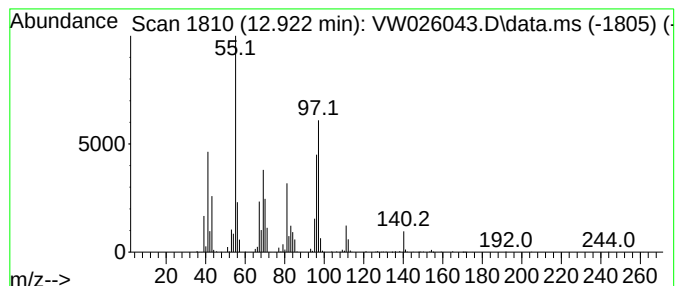
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic12.922 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	10.87 ug/L	536196	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	53
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	49
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

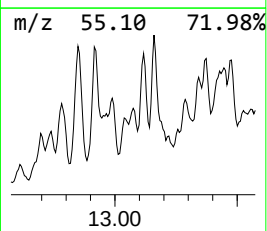
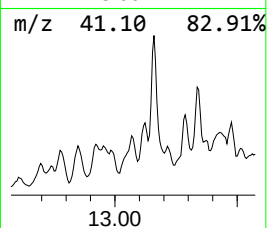
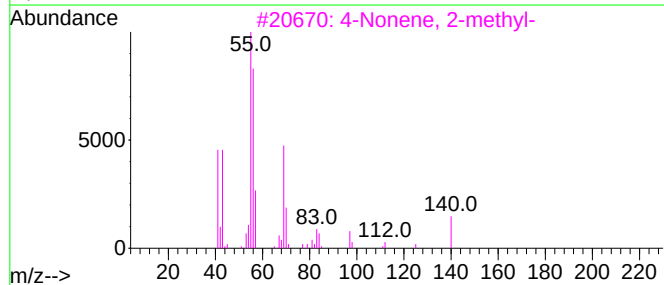
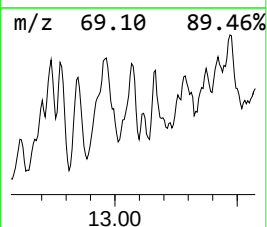
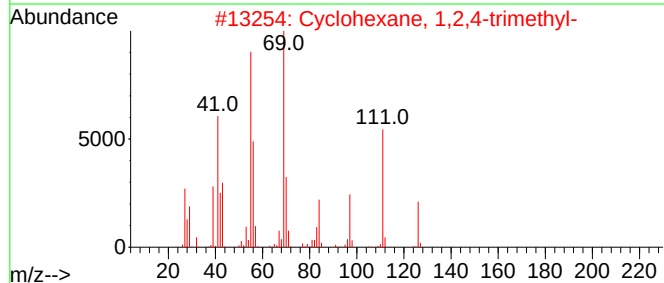
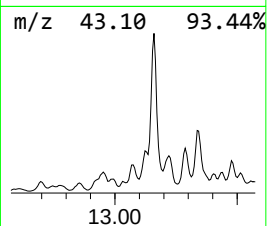
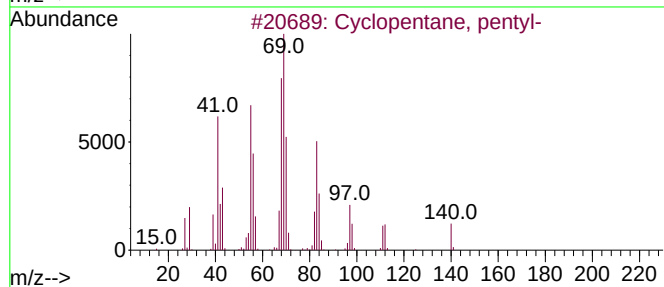
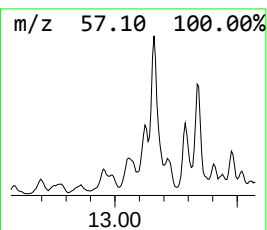
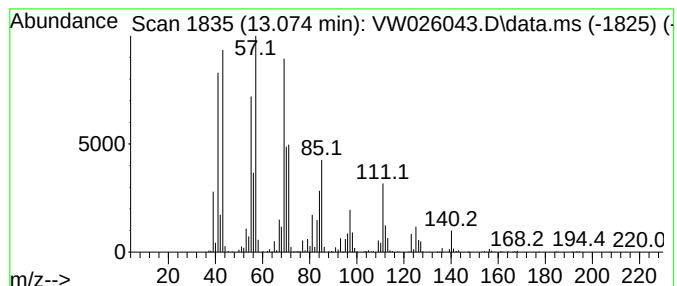
Instrument :
MSVOA_W
ClientSampleId :
EW985

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic13.074 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.074	15.41 ug/L	760044	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	83
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	55
3	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	49
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

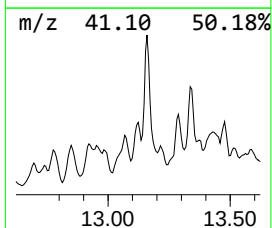
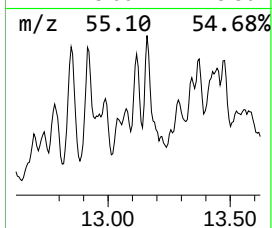
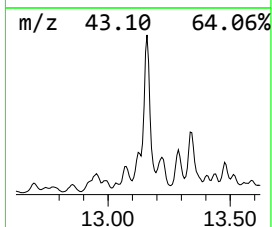
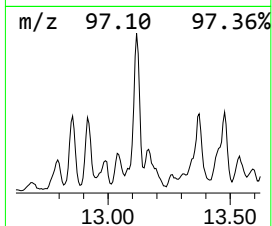
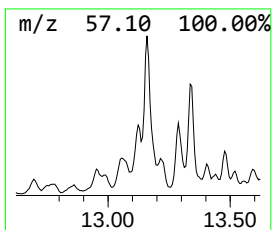
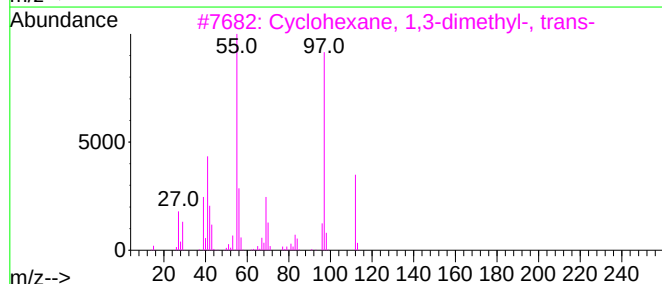
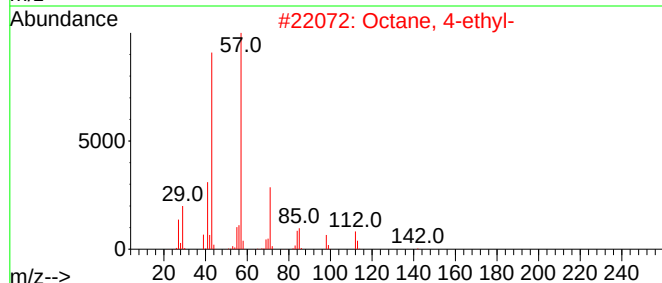
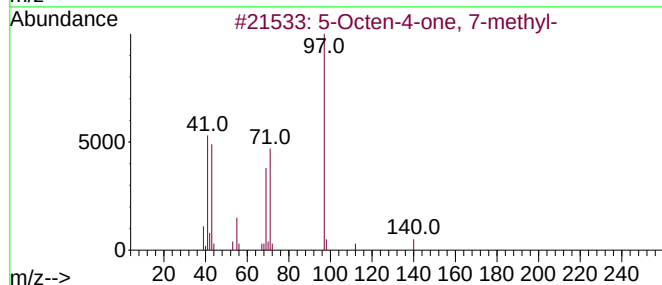
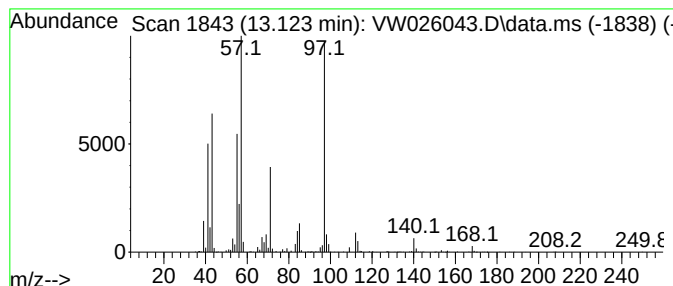
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	10.94 ug/L	539555	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	49
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	45
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
4			2-Pyrazoline, 1,3,4-trimethyl-	112	C6H12N2	014044-41-8	43
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

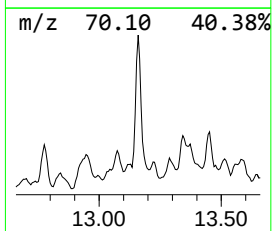
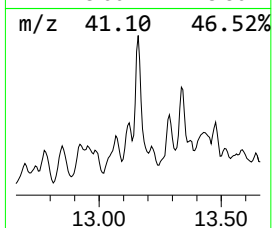
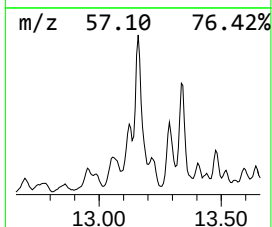
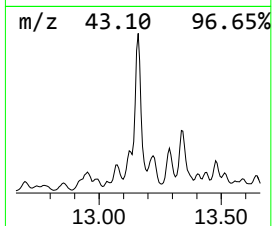
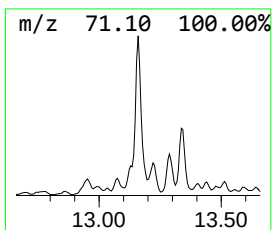
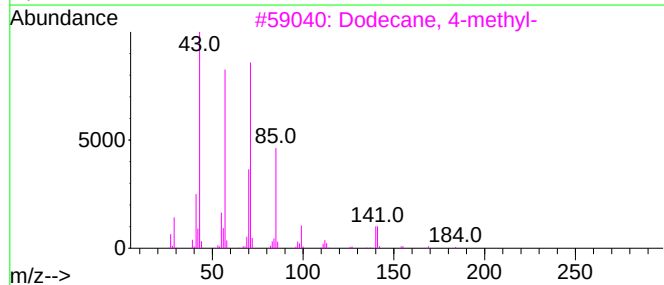
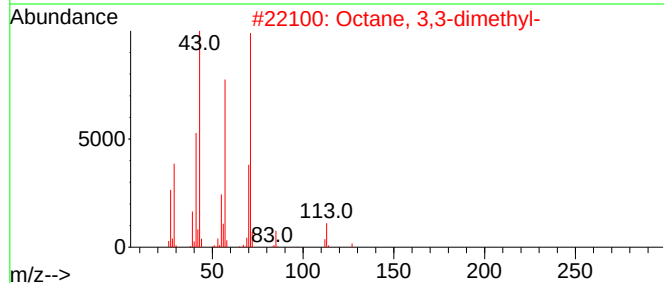
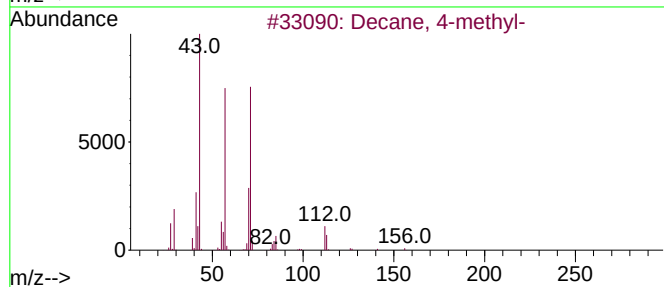
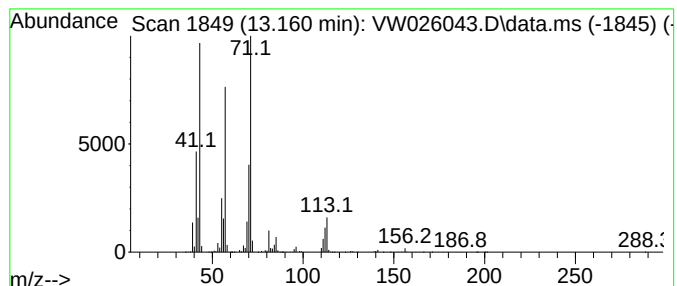
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.160	32.84 ug/L	1620180	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	90
2	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	72
3	Dodecane, 4-methyl-		184	C13H28	006117-97-1	64
4	4-Methyl-3-heptanol, trifluoroac...		226	C10H17F3O2	1000365-51-8	64
5	Sulfurous acid, octyl 2-pentyl e...		264	C13H28O3S	1000309-15-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

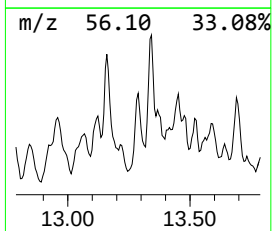
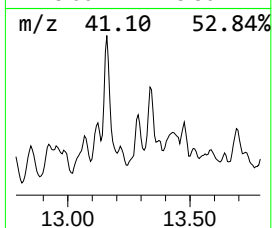
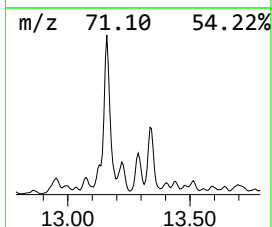
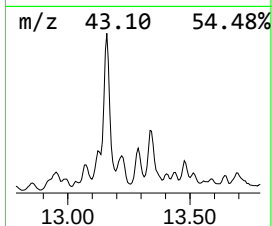
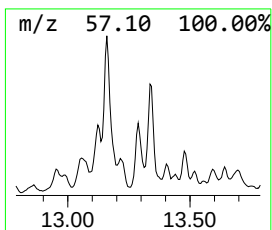
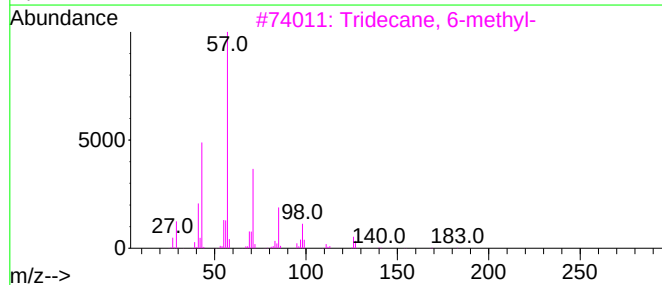
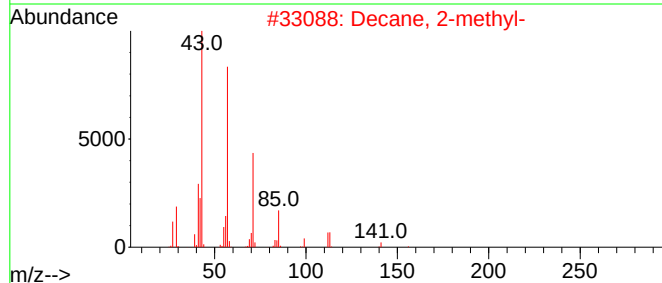
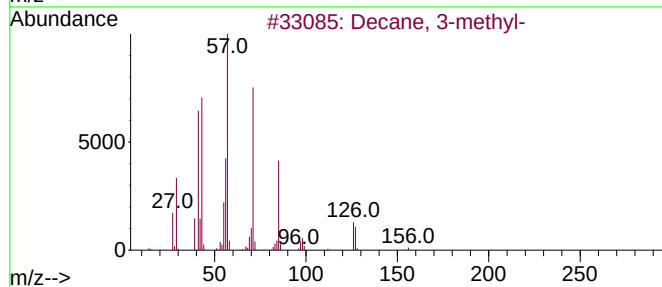
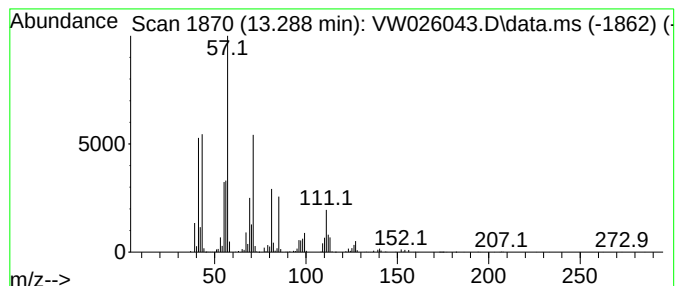
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	16.76 ug/L	826723	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	53
2			Decane, 2-methyl-	156	C11H24	006975-98-0	52
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4			Octane, 2-methyl-	128	C9H20	003221-61-2	47
5			2,3-Dimethyldodecane	198	C14H30	006117-98-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

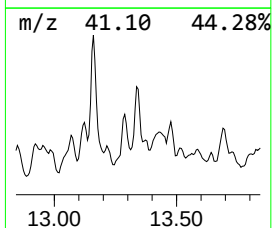
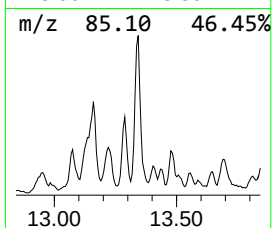
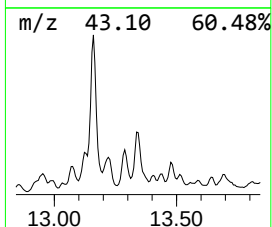
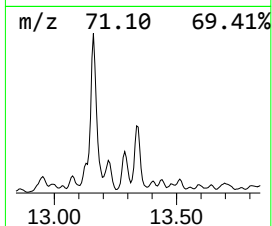
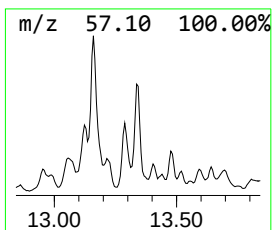
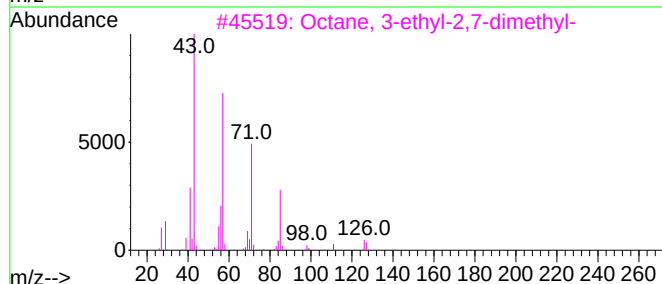
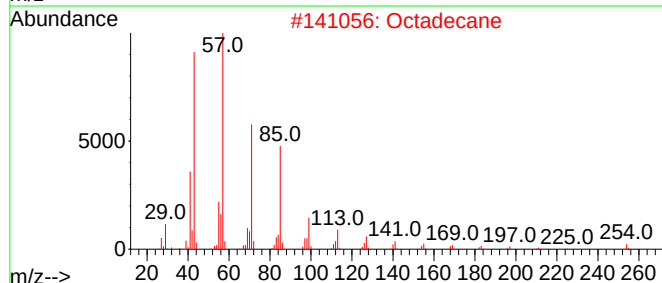
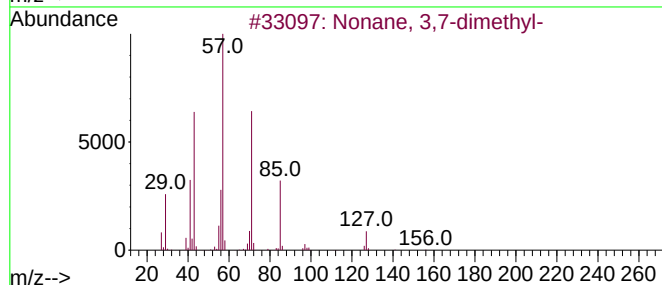
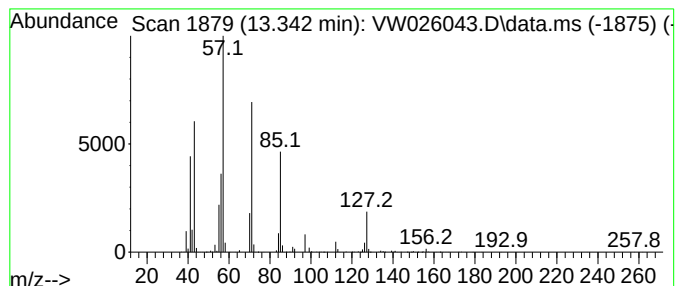
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	13.09 ug/L	645841	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	78
2		Octadecane	254	C18H38	000593-45-3	72
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
4		Nonadecane	268	C19H40	000629-92-5	64
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

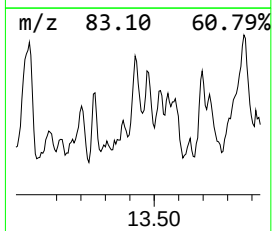
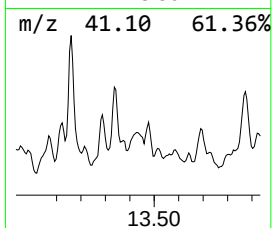
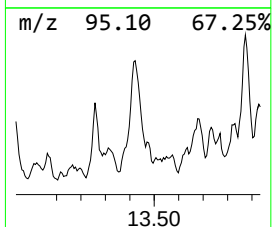
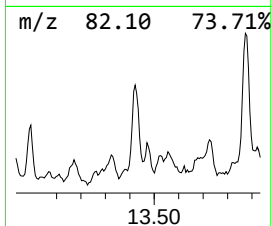
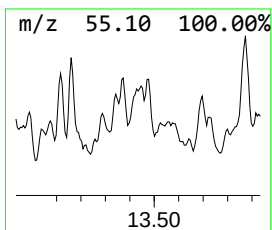
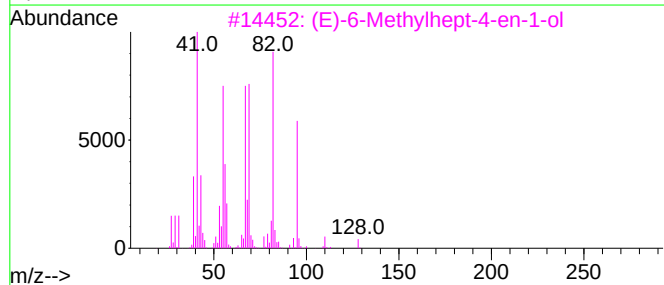
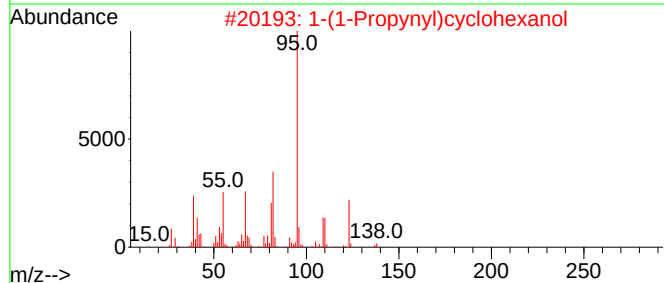
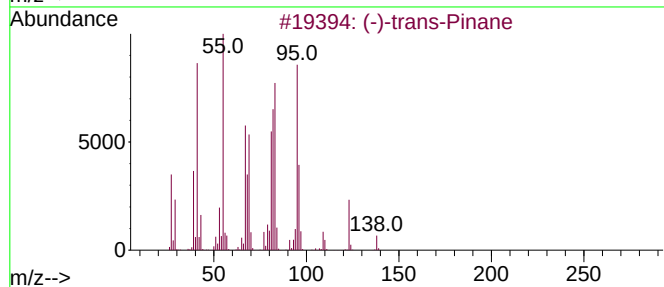
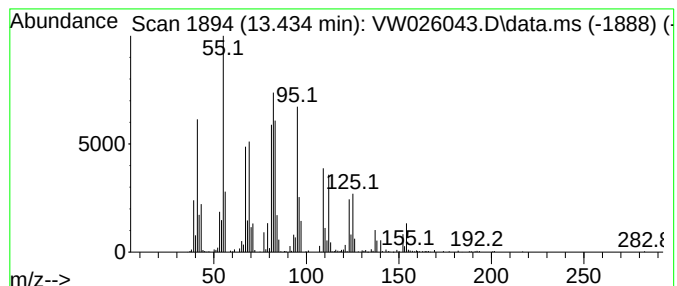
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (-)-trans-Pinane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.434	10.44 ug/L	515008	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1 (-)-trans-Pinane		138	C10H18	033626-25-4	53
2 1-(1-Propynyl)cyclohexanol		138	C9H14O	000697-37-0	46
3 (E)-6-Methylhept-4-en-1-ol		128	C8H16O	855901-81-4	43
4 Hexanol-1, 6-cyclohexyl-		184	C12H24O	004354-58-9	43
5 Azeleoneitrile		150	C9H14N2	001675-69-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

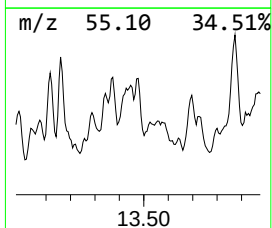
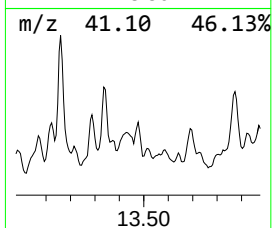
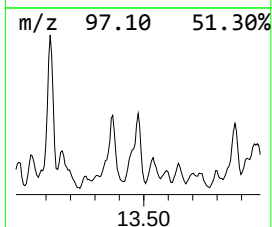
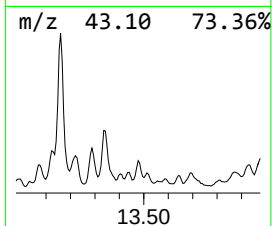
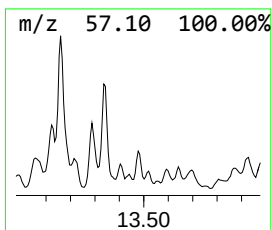
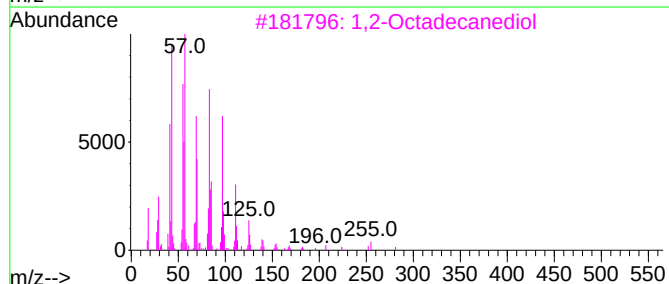
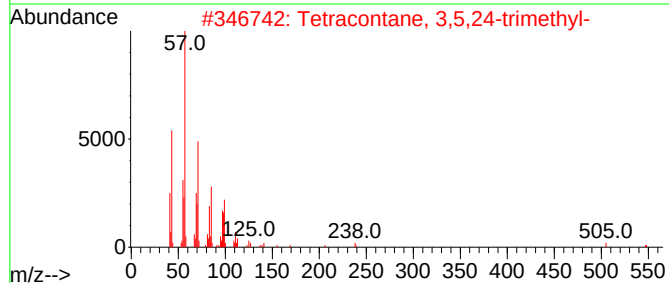
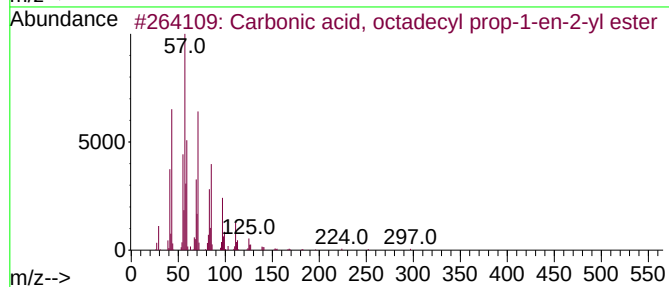
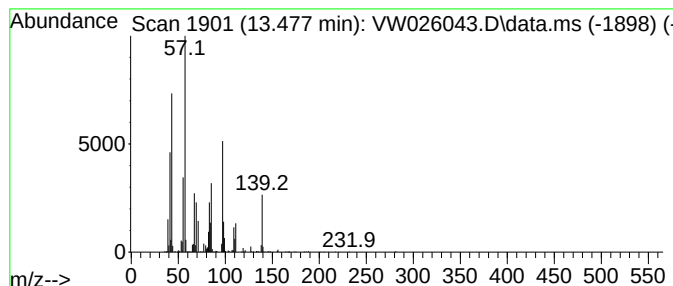
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	8.60 ug/L	424432	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	43
2			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	43
3			1,2-Octadecanediol	286	C18H38O2	020294-76-2	35
4			Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	27
5			1-Octadecene	252	C18H36	000112-88-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

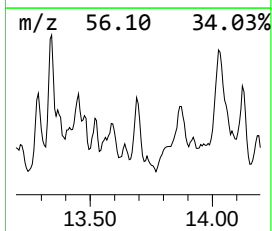
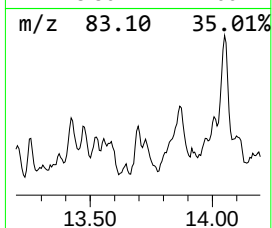
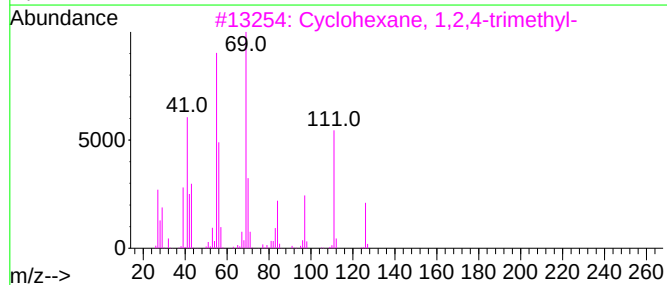
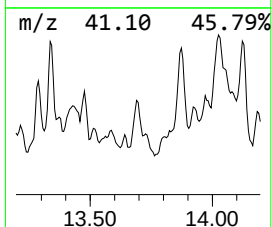
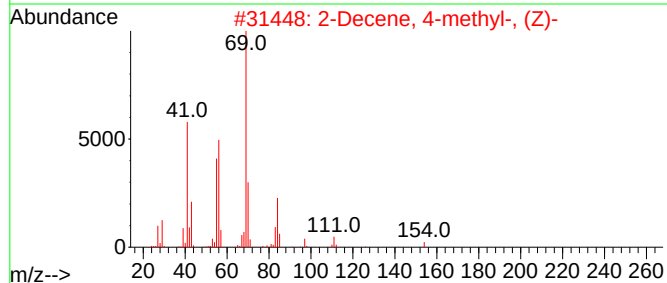
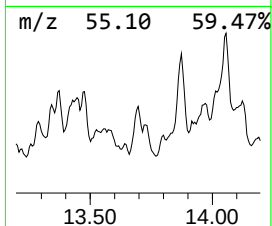
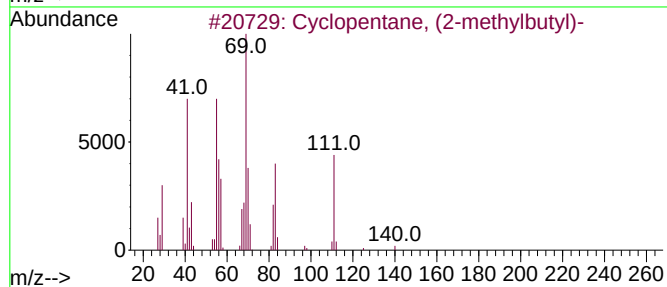
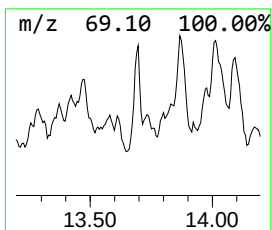
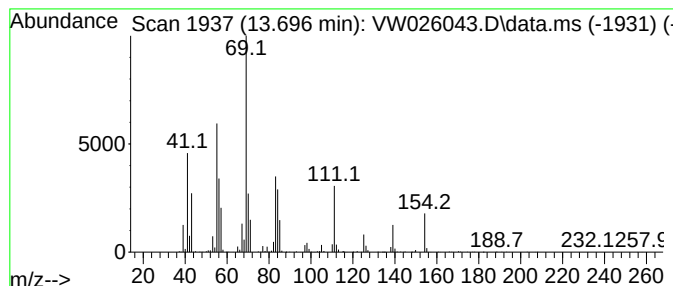
Instrument :
MSVOA_W
ClientSampleId :
EW985

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Cyclic13.696 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.696	11.30 ug/L	557425	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-		140	C10H20	053366-38-4	89
2	2-Decene, 4-methyl-, (Z)-		154	C11H22	074630-30-1	72
3	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	53
4	Cyclooctane, butyl-		168	C12H24	016538-93-5	47
5	1,1,4-Trimethylcyclohexane		126	C9H18	007094-27-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

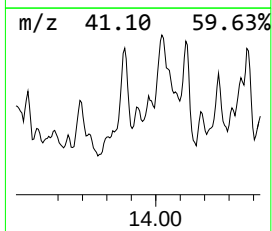
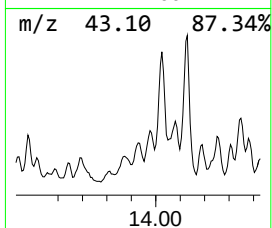
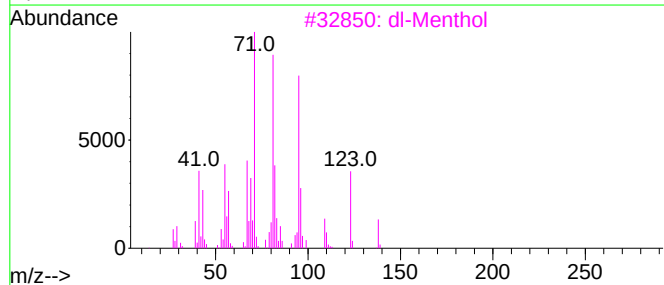
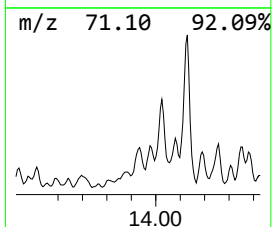
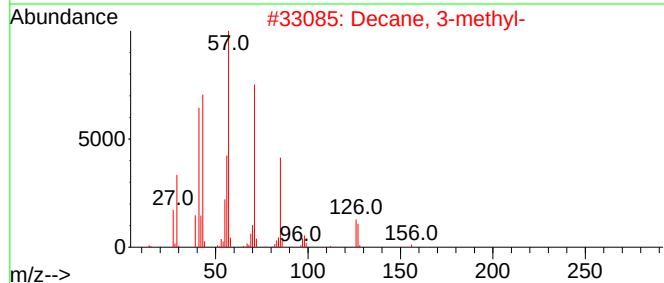
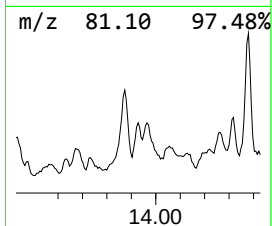
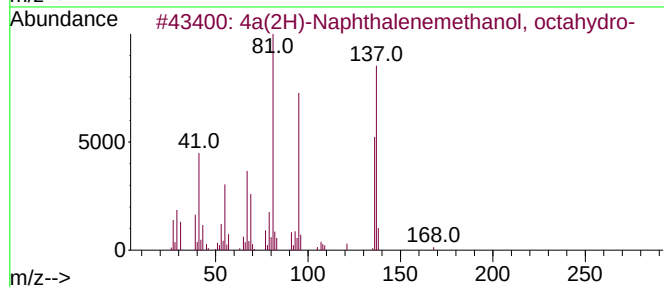
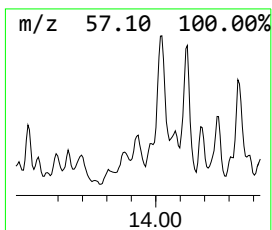
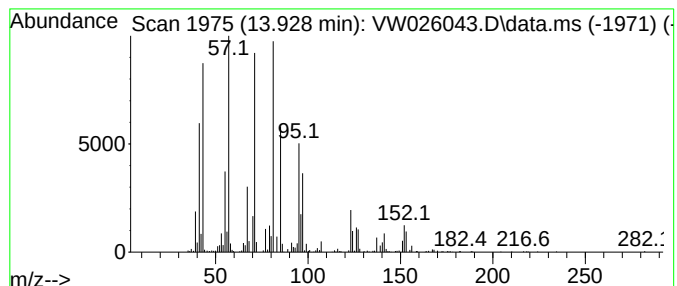
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.928	5.38 ug/L	265421	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	38
2			Decane, 3-methyl-	156	C11H24	013151-34-3	35
3			dl-Menthol	156	C10H20O	000089-78-1	35
4			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	35
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

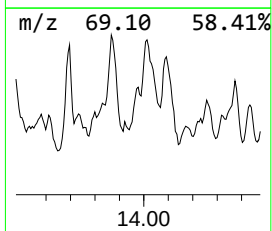
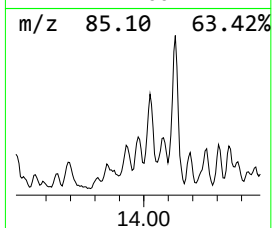
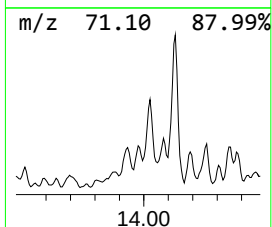
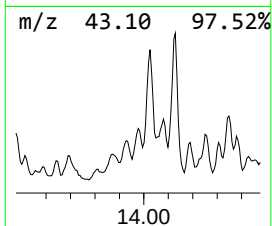
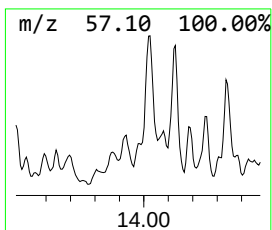
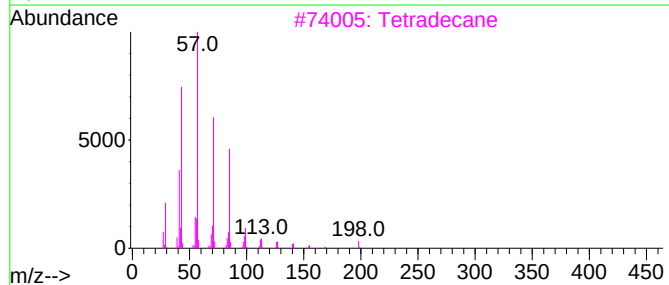
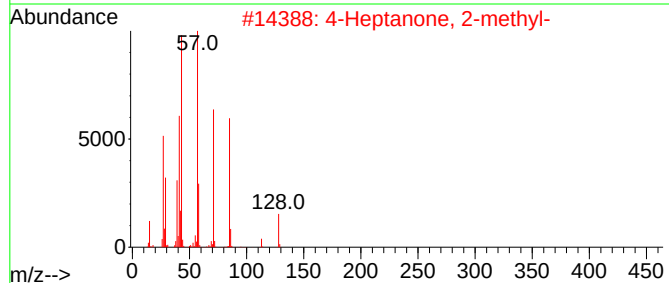
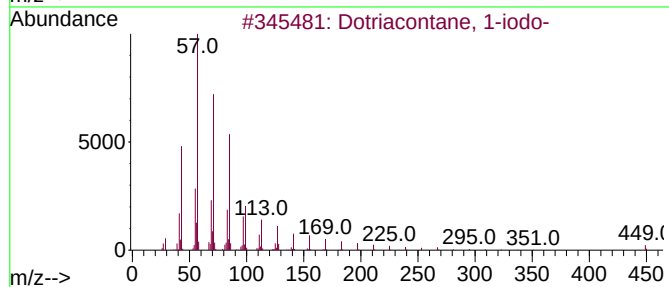
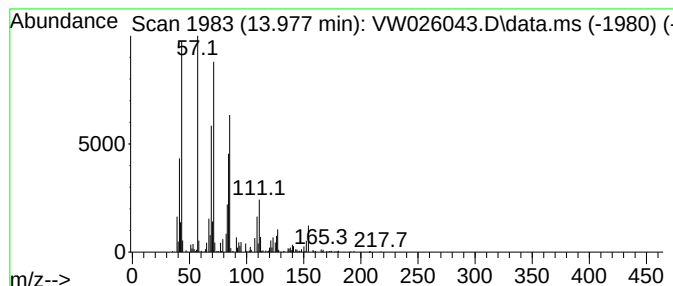
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Dotriacontane, 1-iodo- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.977	3.59 ug/L	176851	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	53
2			4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	43
3			Tetradecane	198	C14H30	000629-59-4	43
4			2,6-Dimethyldecane	170	C12H26	013150-81-7	43
5			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

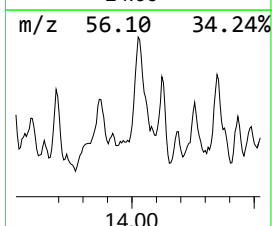
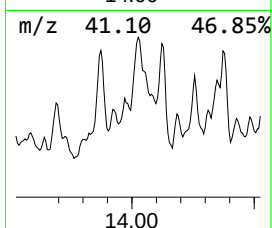
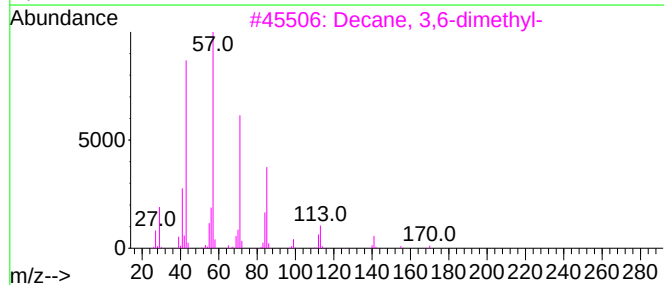
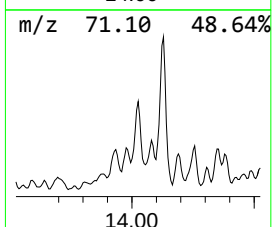
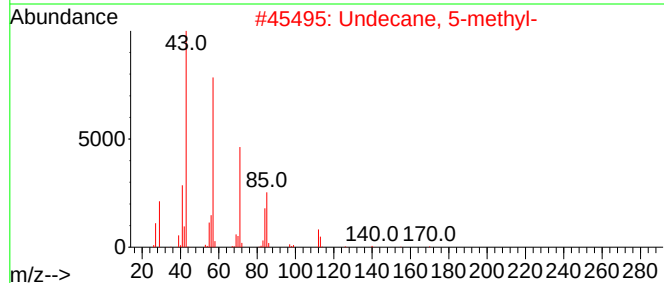
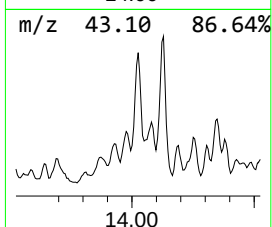
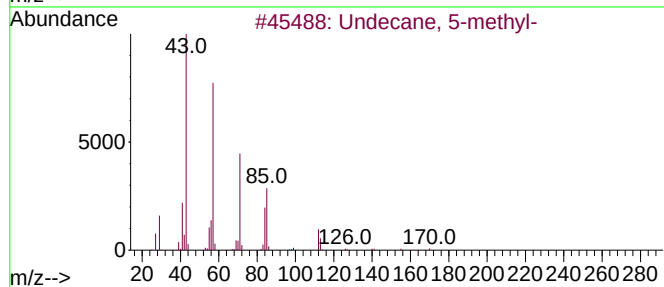
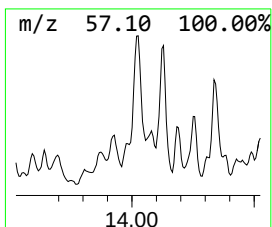
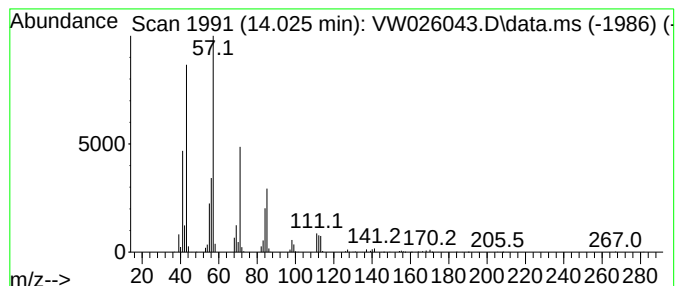
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.025	14.68 ug/L	724220	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-		170	C12H26	001632-70-8	76
2	Undecane, 5-methyl-		170	C12H26	001632-70-8	72
3	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	64
4	Undecane, 2,10-dimethyl-		184	C13H28	017301-27-8	52
5	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

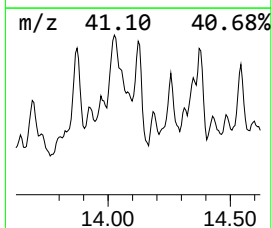
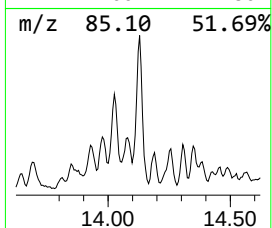
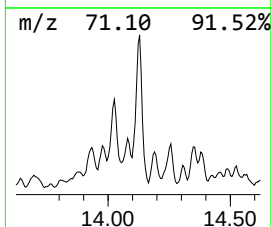
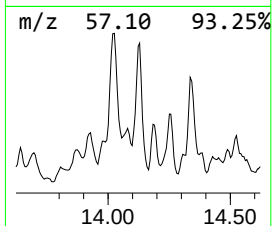
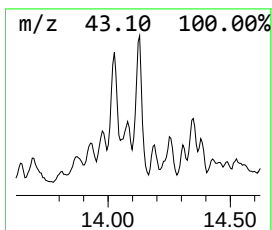
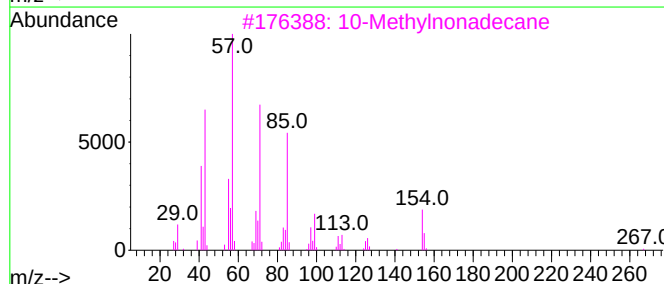
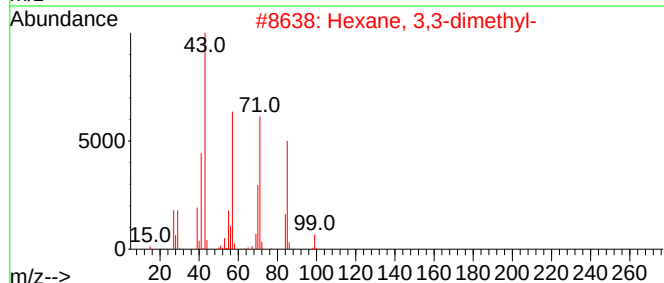
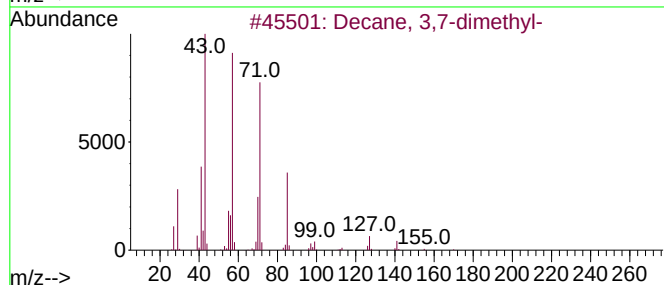
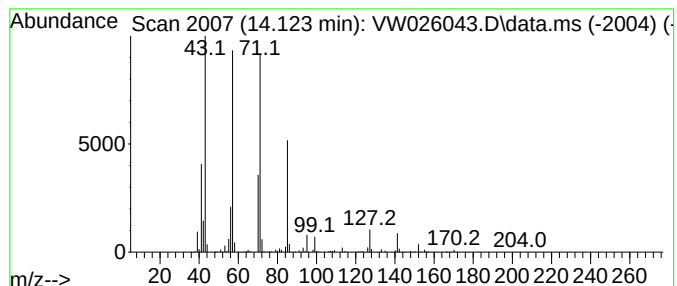
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.123	21.36 ug/L	1053830	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3			10-Methylnonadecane	282	C20H42	056862-62-5	64
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	64
5			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

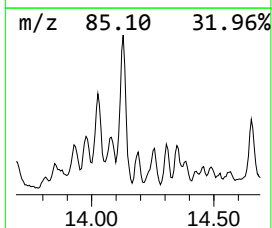
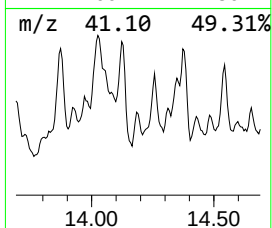
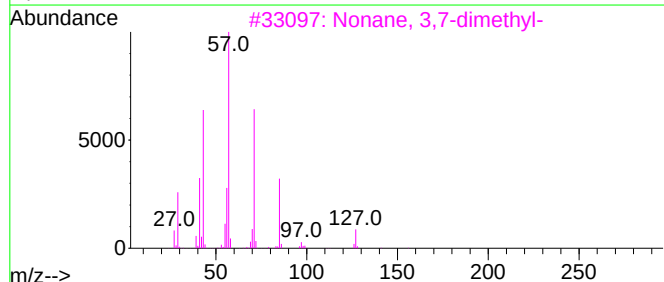
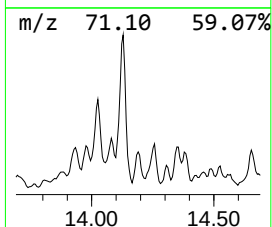
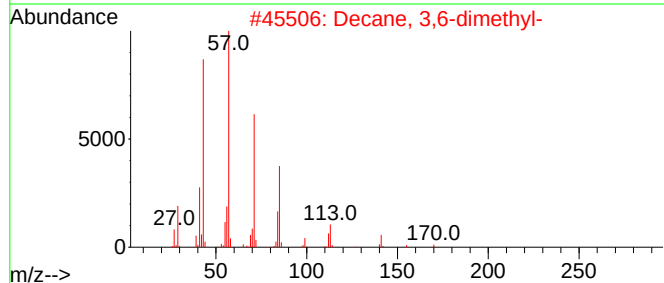
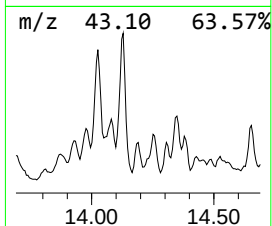
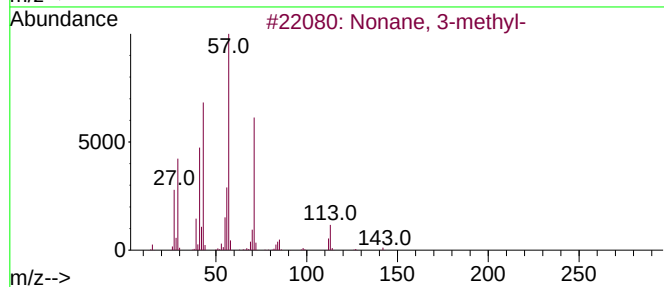
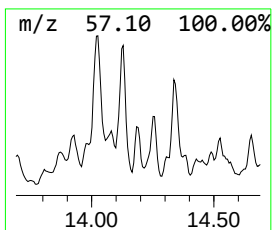
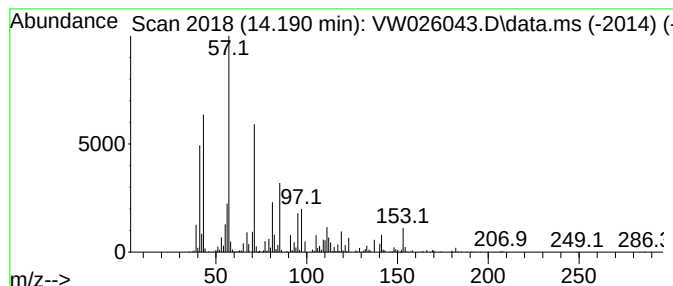
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	7.50 ug/L	370146	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	50
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
4			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

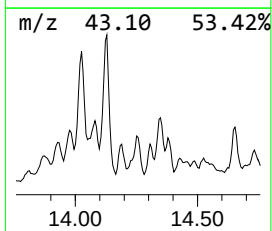
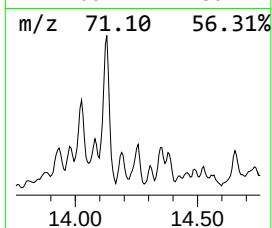
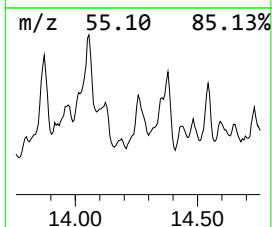
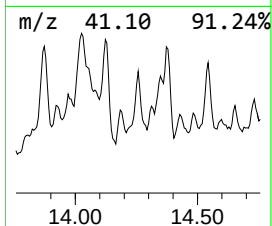
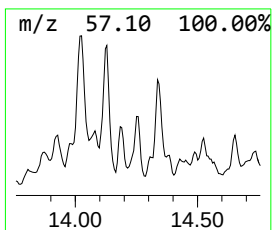
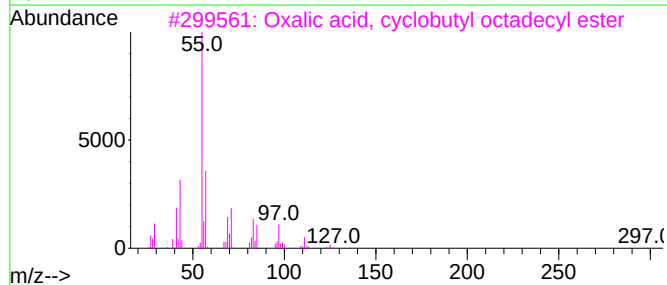
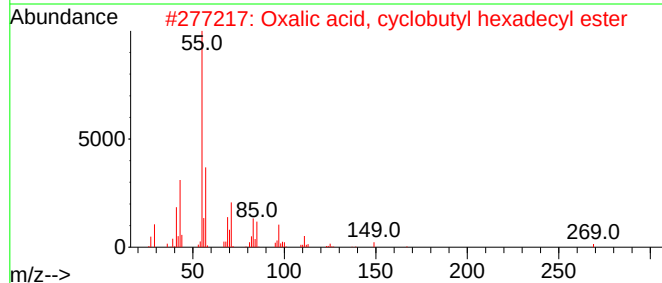
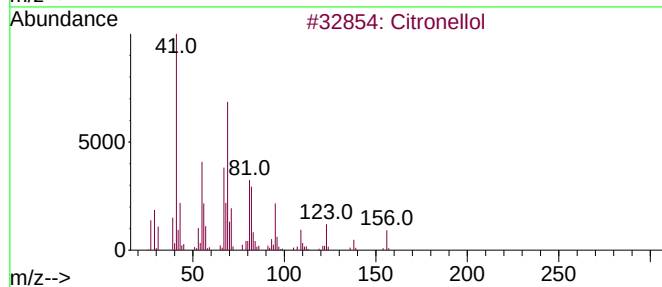
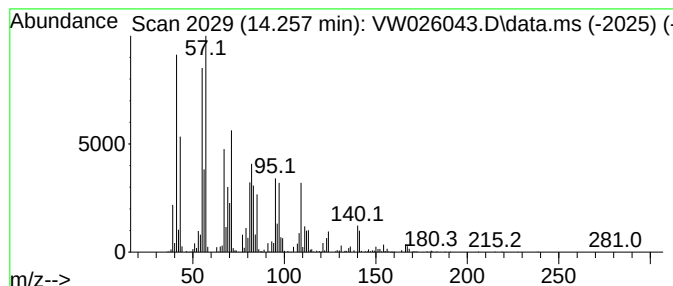
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MSVOA_W
ClientSampleId :
EW985

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.257	14.64 ug/L	722385	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citronellol	156	C10H20O	000106-22-9	46
2	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	43
3	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	43
4	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	43
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

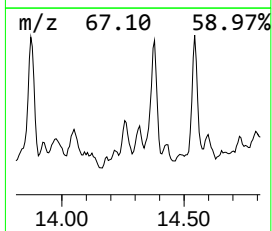
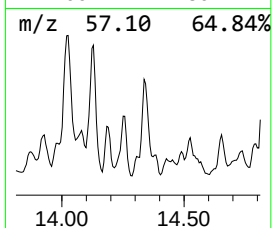
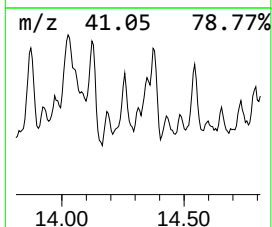
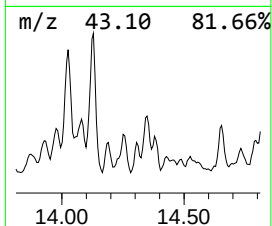
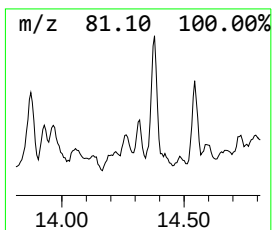
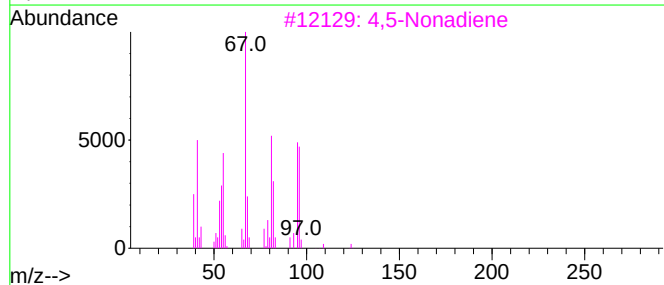
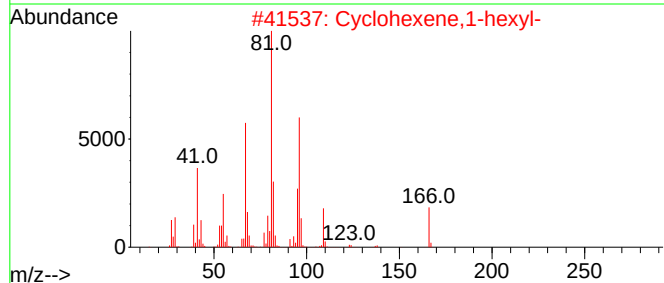
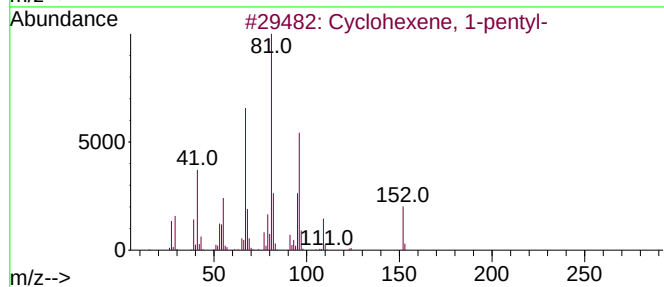
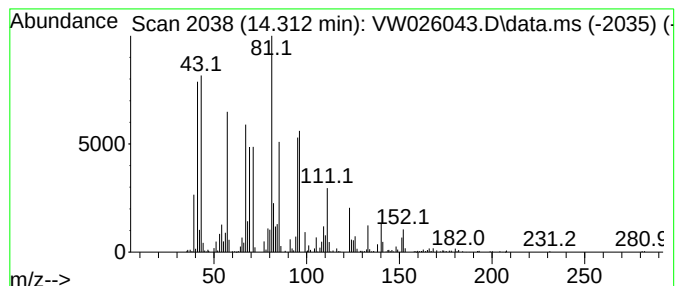
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 Cyclohexene, 1-pentyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	5.55 ug/L	273538	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	50
2			Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	50
3			4,5-Nonadiene	124	C9H16	000821-74-9	38
4			4H-1,3-Benzodioxin-4-one, hexahy...	170	C9H14O3	124899-15-6	38
5			2,4-Dimethylfuran	96	C6H8O	003710-43-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

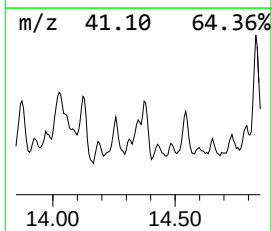
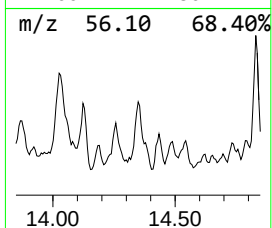
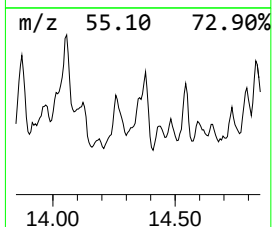
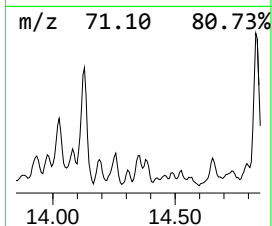
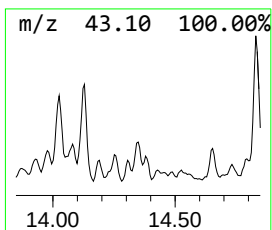
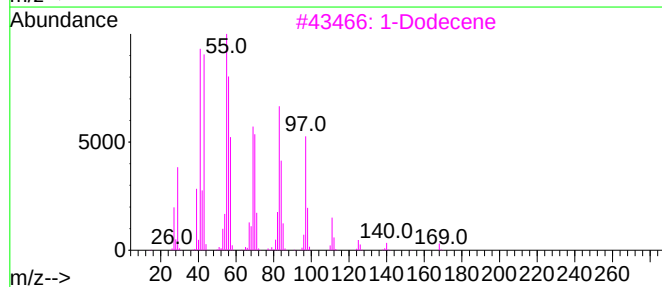
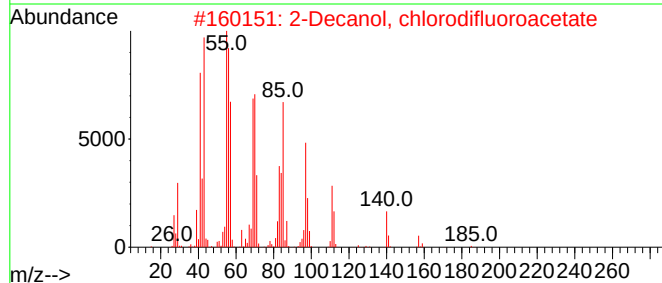
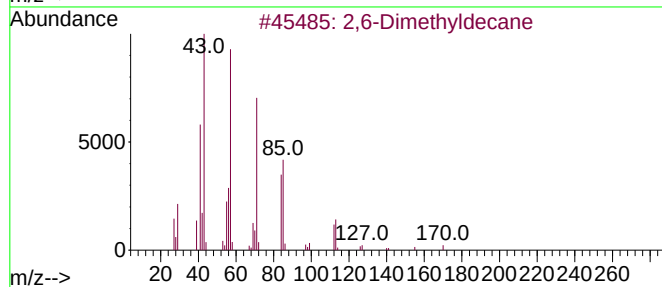
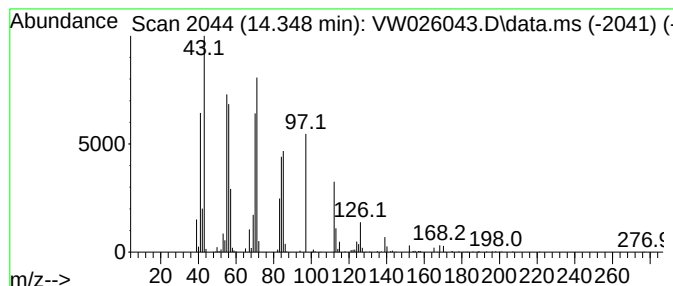
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.348	8.71 ug/L	429880	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6-Dimethyldecane	170	C12H26	013150-81-7	55
2		2-Decanol, chlorodifluoroacetate	270	C12H21ClF2O2	1000447-45-4	47
3		1-Dodecene	168	C12H24	000112-41-4	43
4		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	38
5		Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

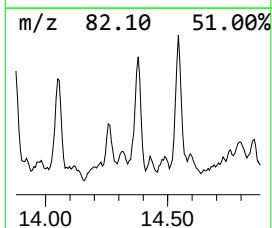
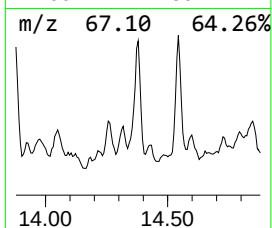
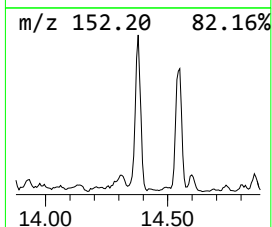
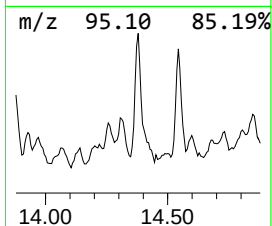
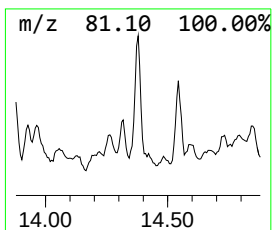
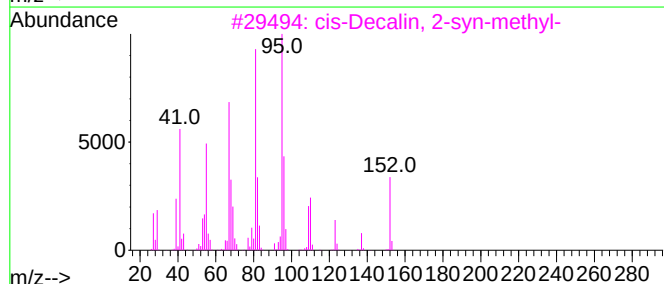
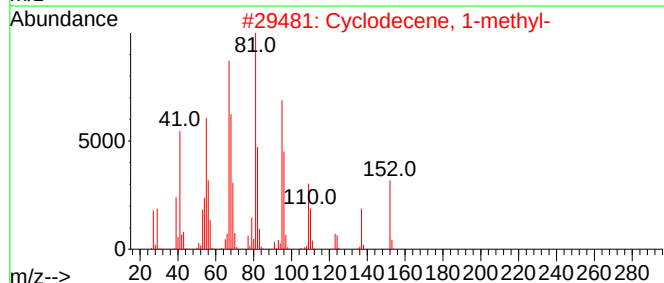
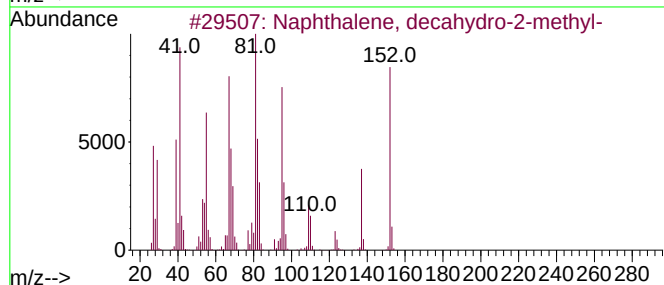
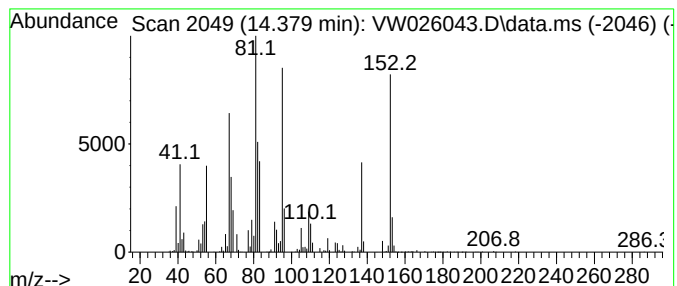
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	19.52 ug/L	963115	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
4			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	60
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

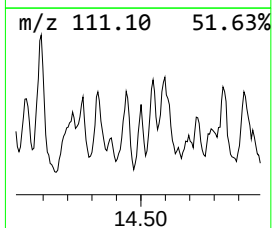
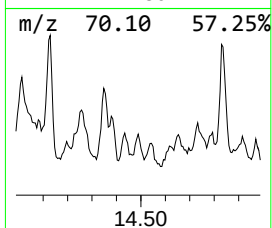
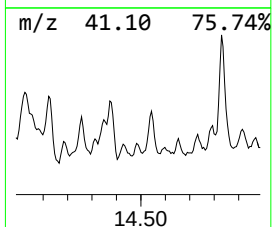
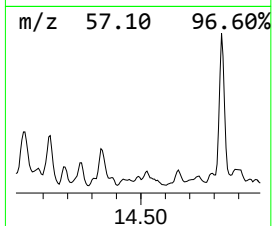
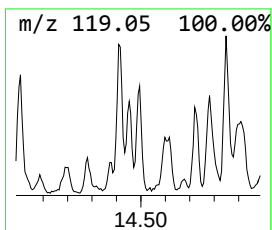
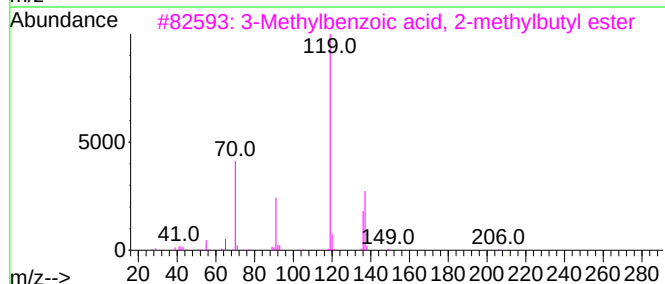
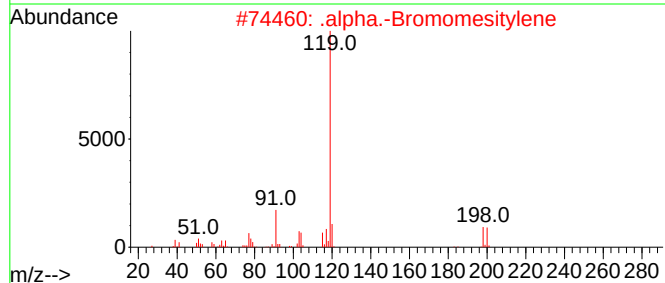
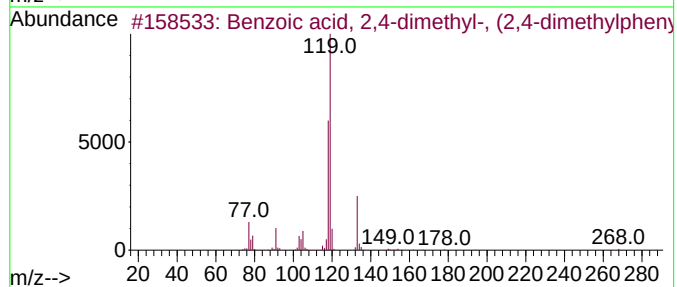
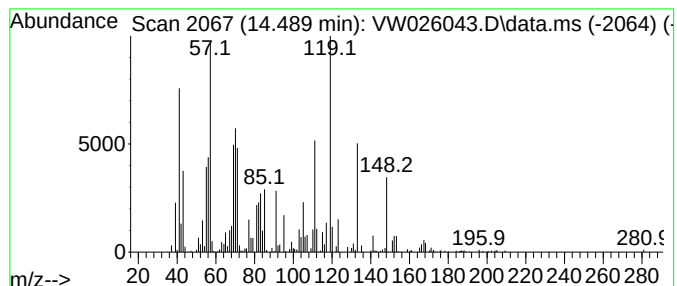
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 unknown-07 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	3.13 ug/L	154471	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	38
2			.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	25
3			3-Methylbenzoic acid, 2-methylbu...	206	C13H18O2	1000331-25-9	22
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	14
5			5-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-65-2	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

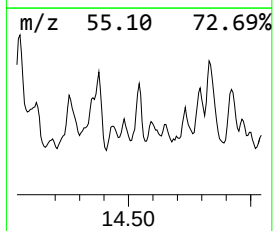
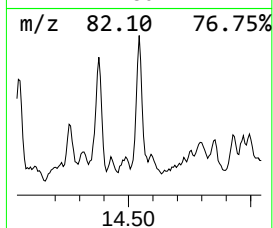
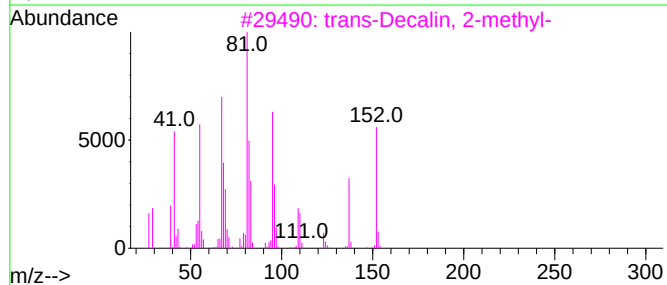
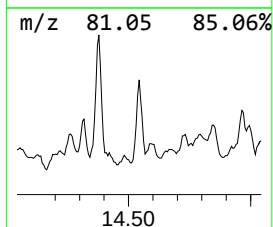
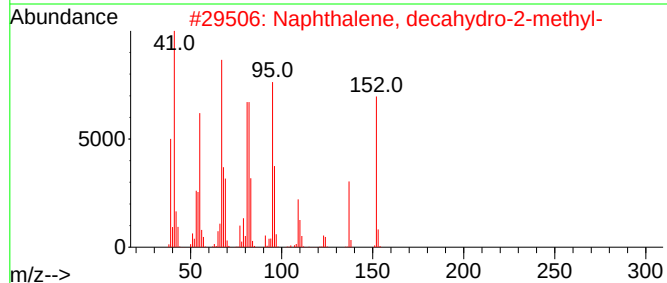
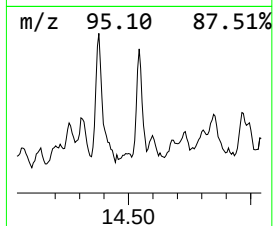
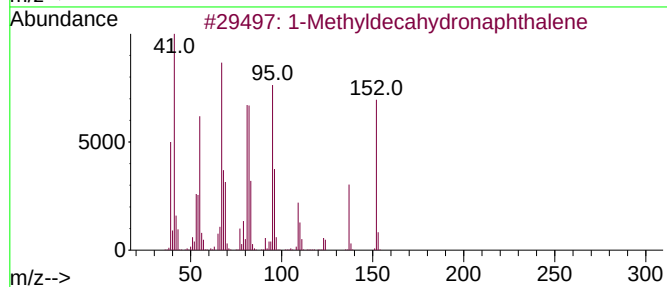
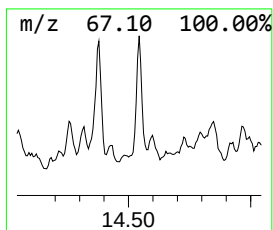
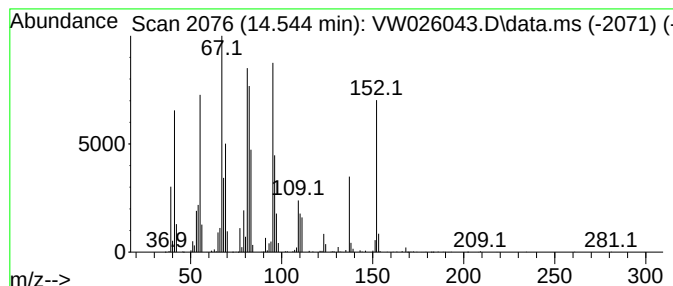
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	17.08 ug/L	842390	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

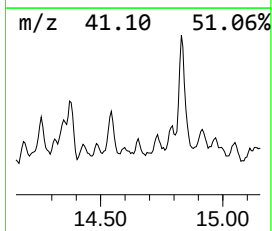
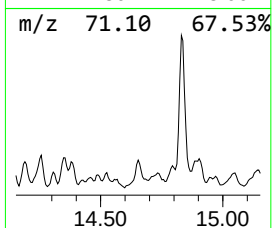
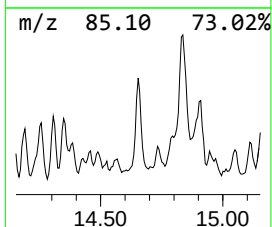
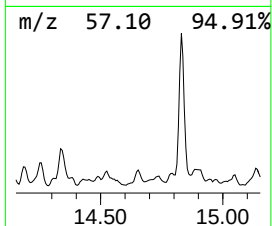
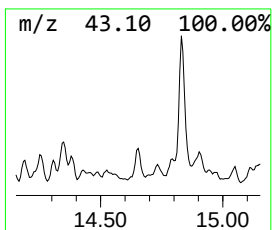
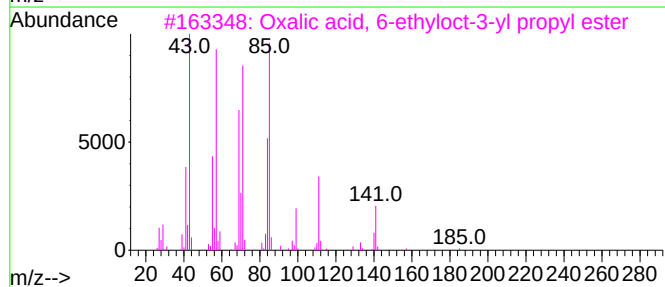
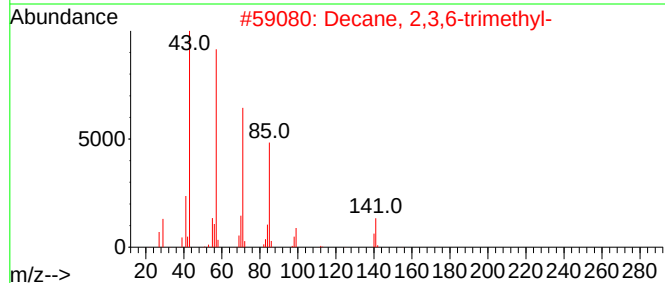
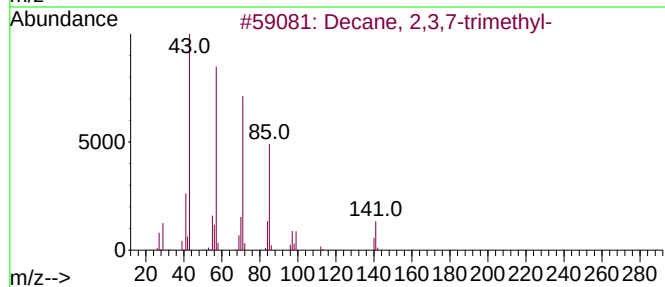
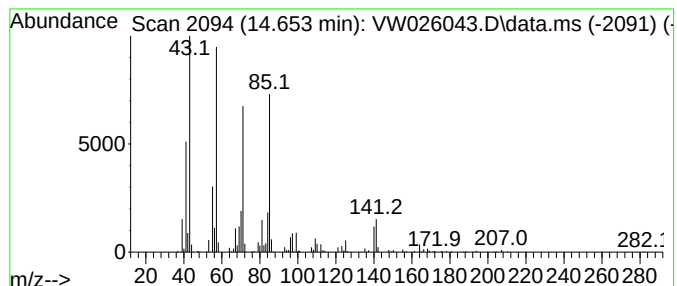
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	3.69 ug/L	182078	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	86
2			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
3			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	72
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

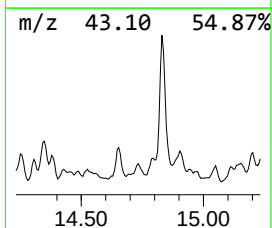
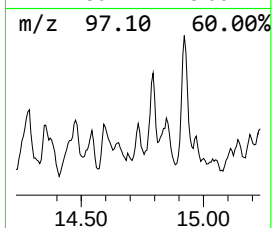
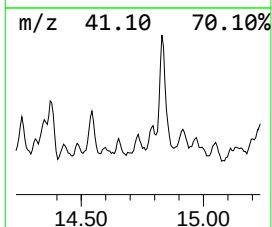
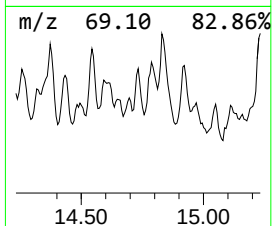
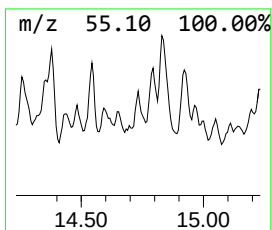
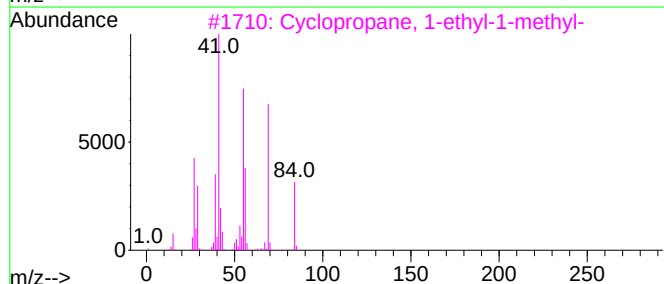
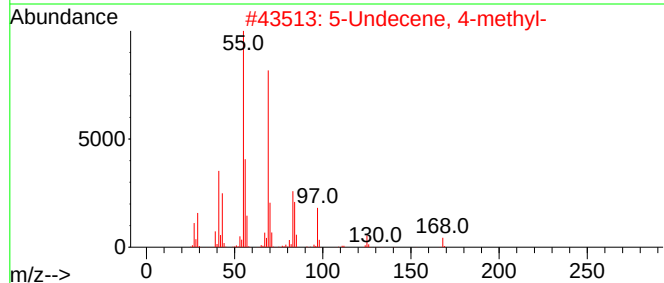
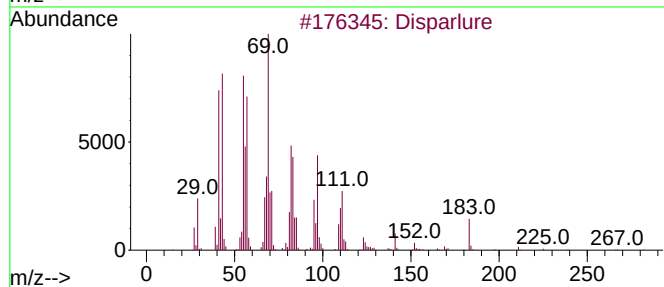
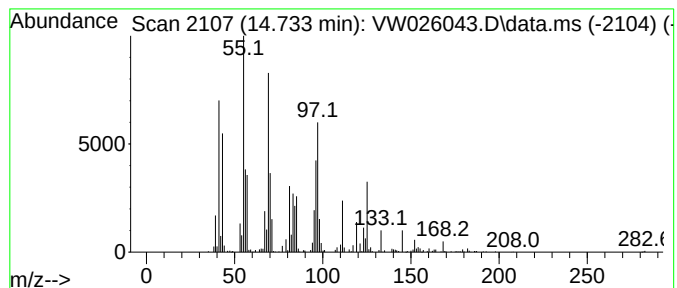
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 unknown-08 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	4.47 ug/L	220385	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disparlure	282	C19H38O	029804-22-6	49
2			5-Undecene, 4-methyl-	168	C12H24	143185-91-5	43
3			Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	38
4			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	38
5			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

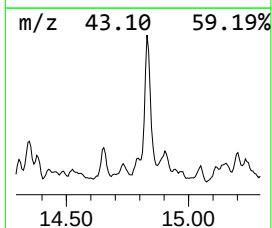
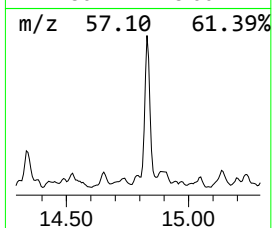
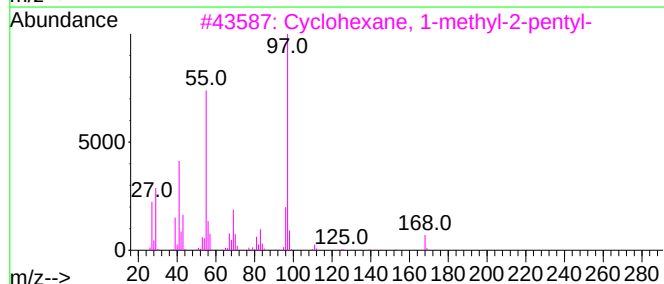
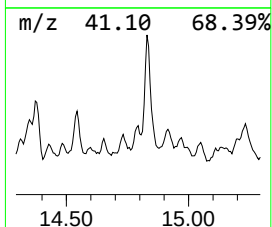
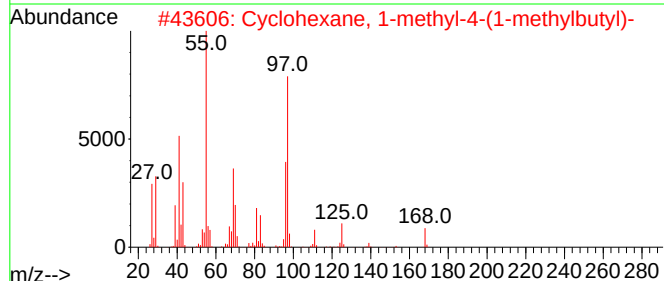
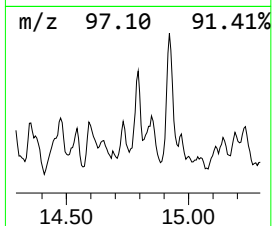
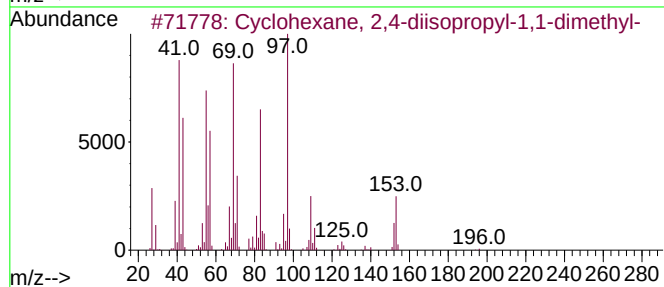
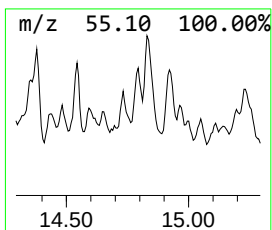
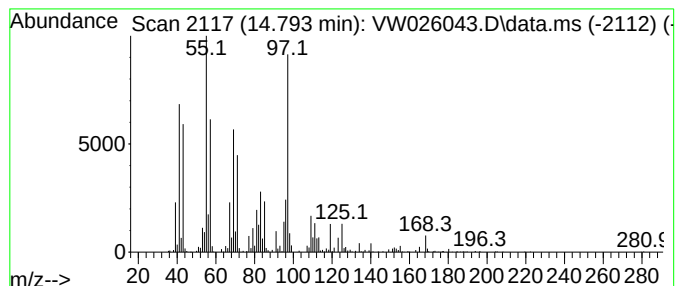
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Cyclic14.794 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	9.14 ug/L	450779	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	49
2			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	38
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	38
4			Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	30
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

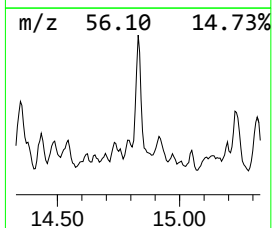
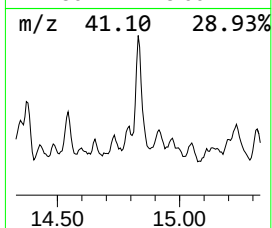
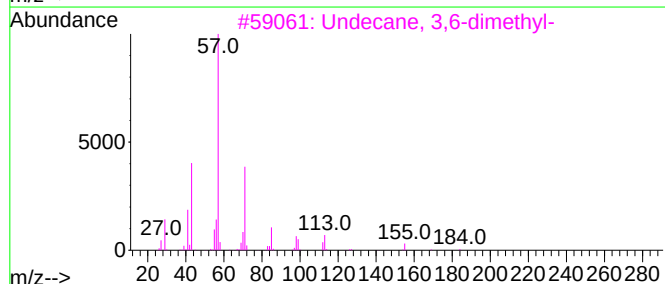
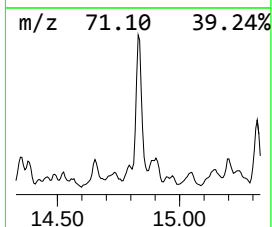
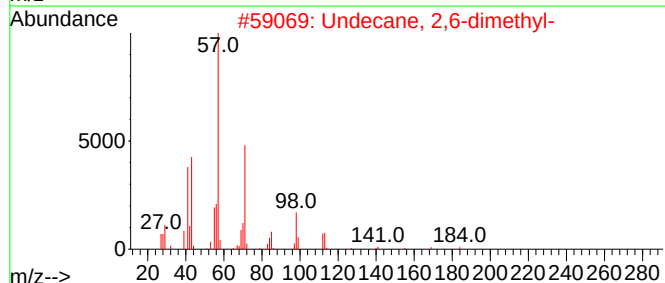
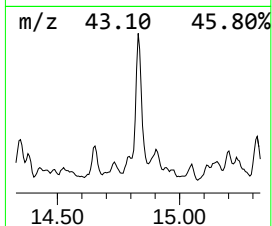
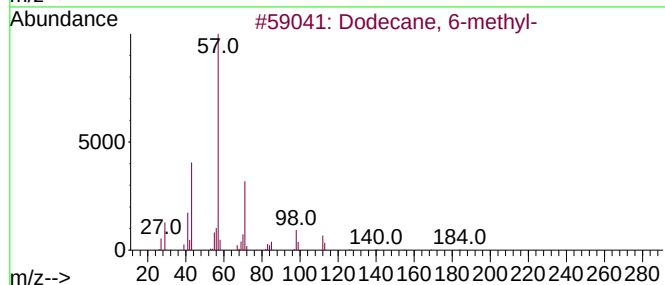
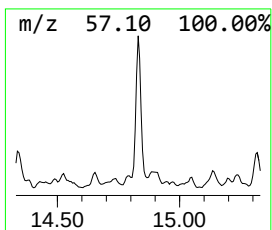
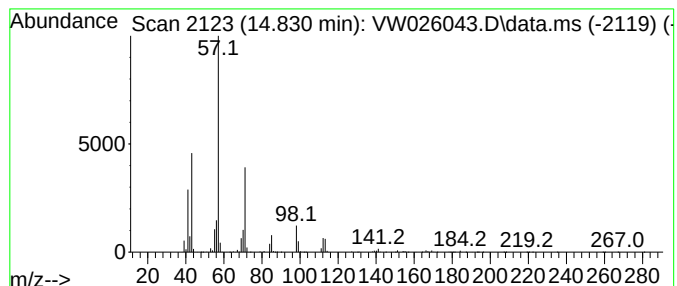
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	37.56 ug/L	1852660	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 6-methyl-	184	C13H28	006044-71-9	94
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

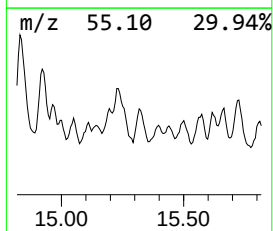
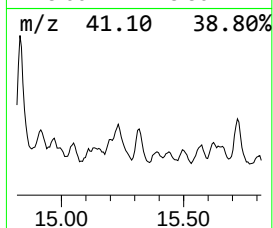
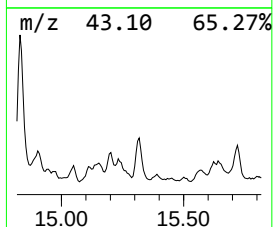
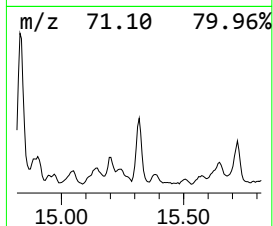
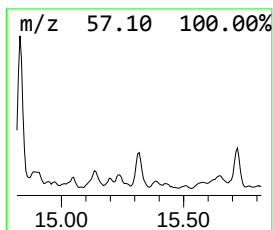
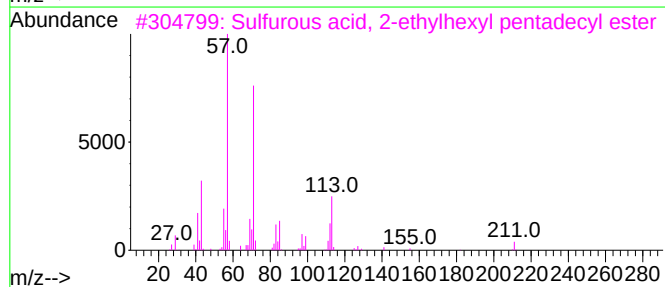
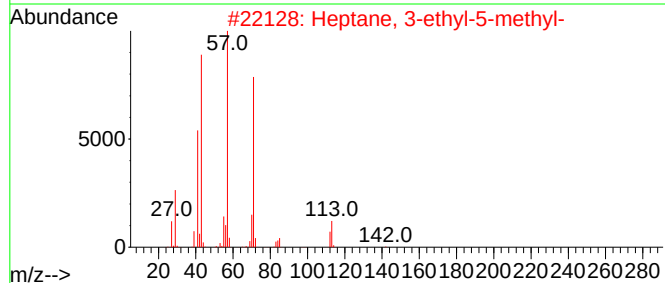
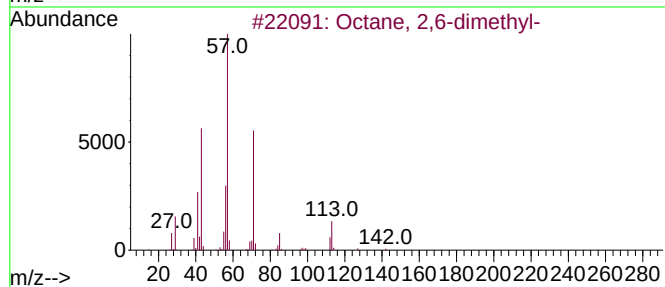
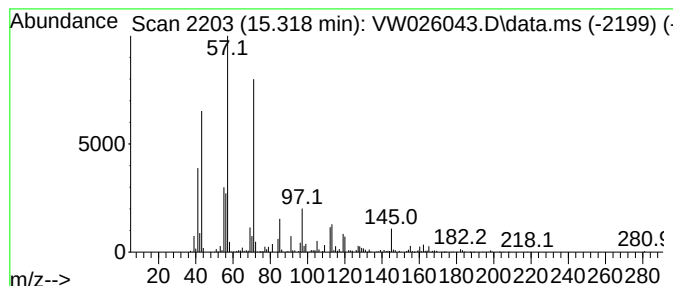
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.318	13.20 ug/L	651375	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	59
2	Heptane, 3-ethyl-5-methyl-		142	C10H22	052896-90-9	58
3	Sulfurous acid, 2-ethylhexyl pen...		404	C23H48O3S	1000309-19-8	53
4	Octane, 3-ethyl-		142	C10H22	005881-17-4	52
5	Nonane, 4-methyl-5-propyl-		184	C13H28	062185-55-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

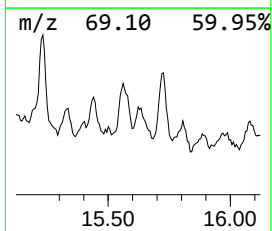
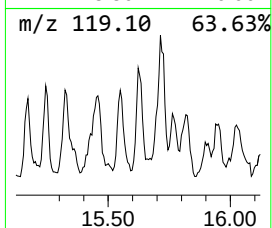
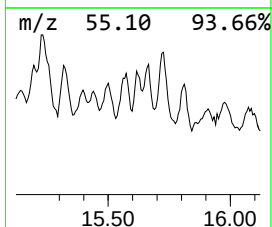
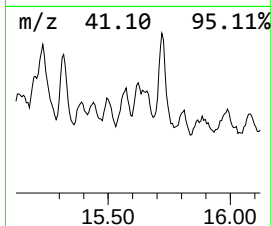
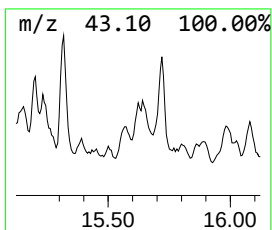
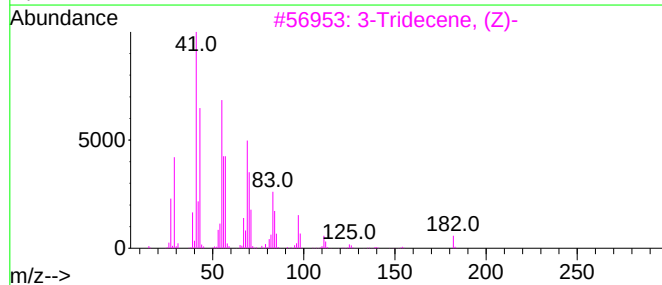
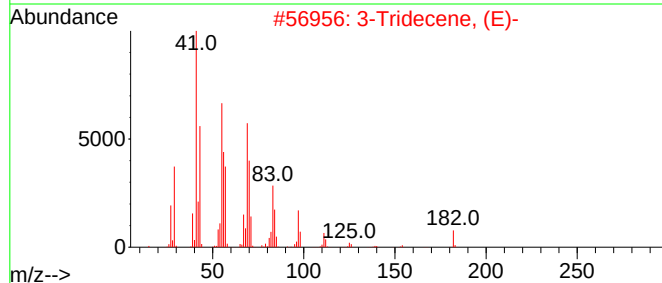
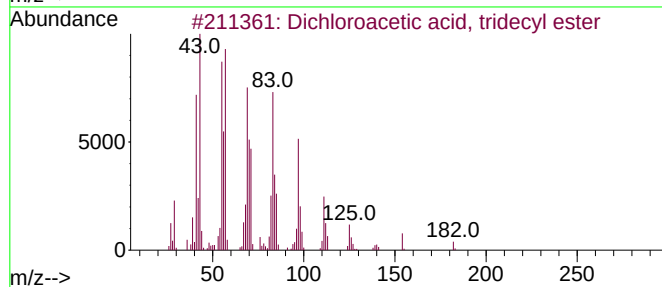
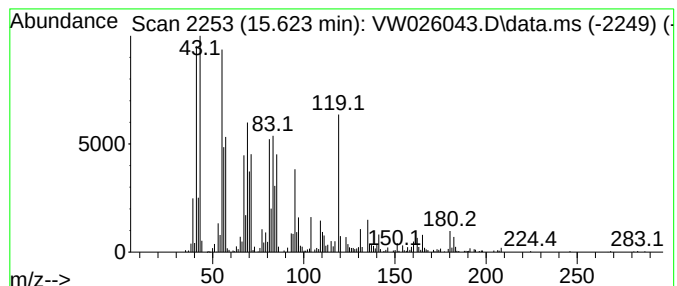
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 unknown-09 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	7.64 ug/L	377078	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	45
2			3-Tridecene, (E)-	182	C13H26	041446-57-5	35
3			3-Tridecene, (Z)-	182	C13H26	041446-53-1	35
4			Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	30
5			4-Tridecene, (Z)-	182	C13H26	041446-54-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

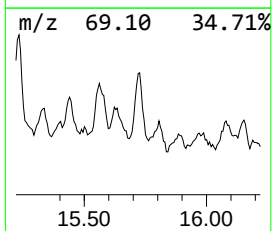
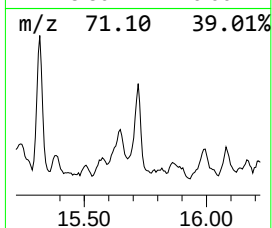
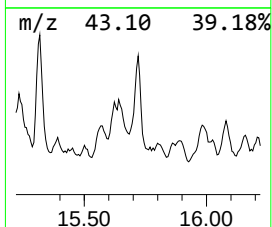
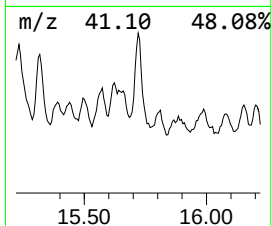
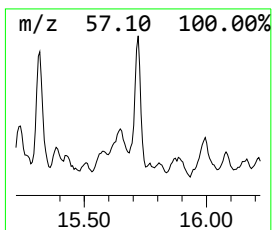
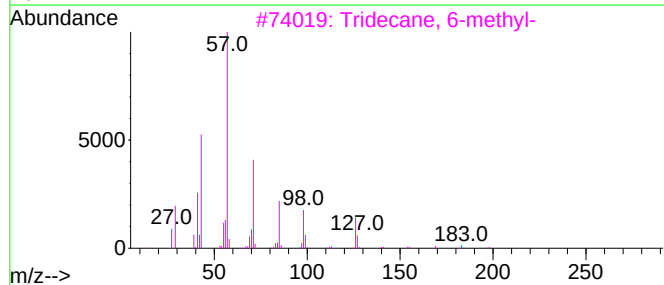
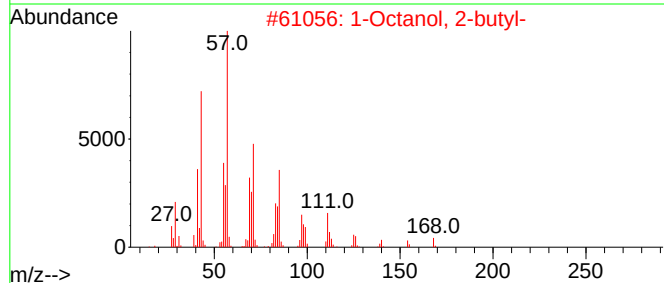
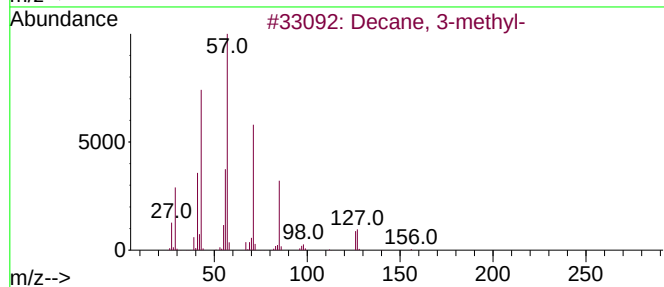
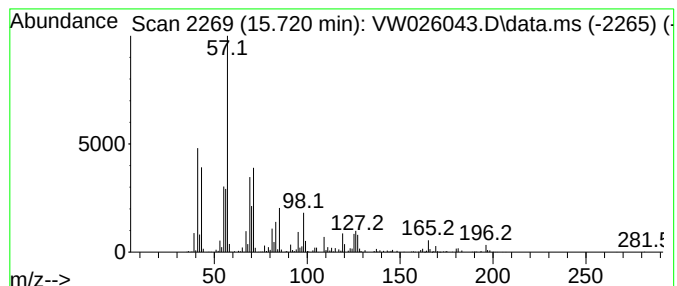
Instrument :
MSVOA_W
ClientSampleId :
EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.720	16.88 ug/L	832738	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	64
2	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	64
3	Tridecane, 6-methyl-		198	C14H30	013287-21-3	64
4	Isobutyl nonyl carbonate		244	C14H28O3	959311-27-4	53
5	Undecane, 5-ethyl-		184	C13H28	017453-94-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

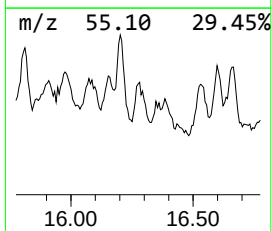
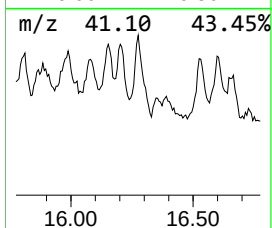
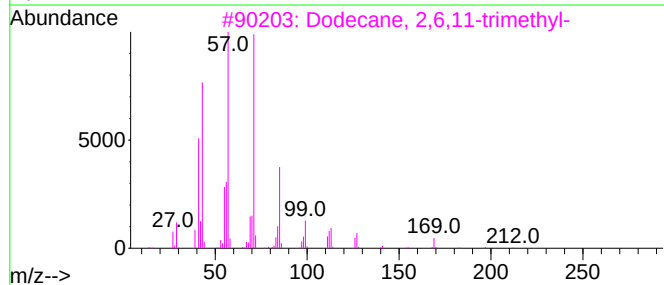
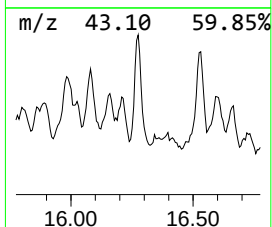
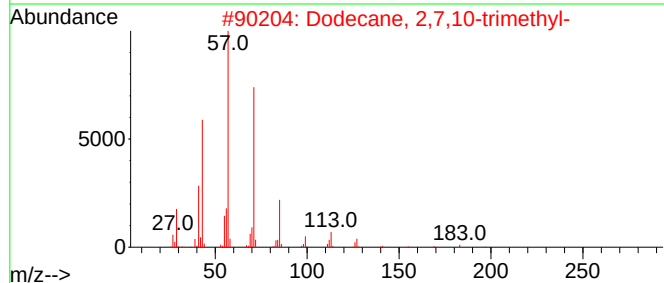
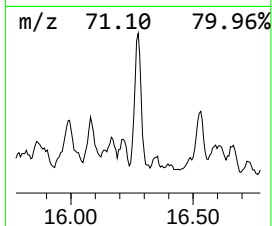
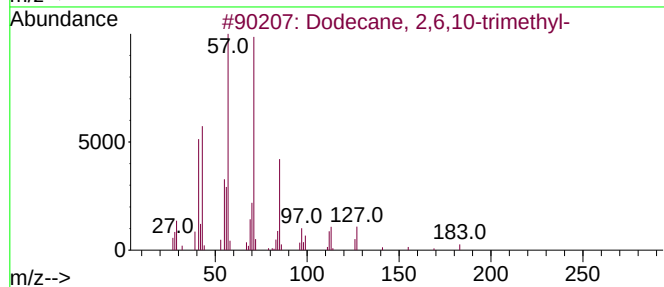
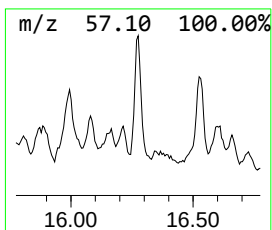
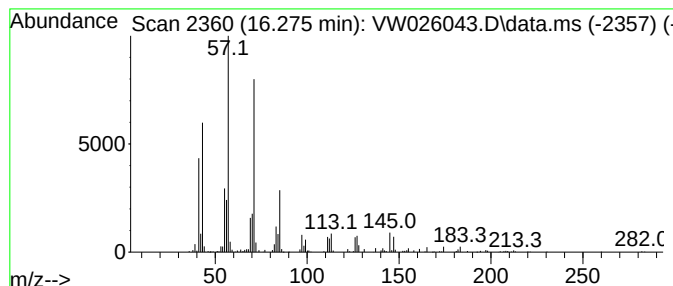
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	8.33 ug/L	410734	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026043.D
Acq On : 25 May 2023 16:14
Operator : SY/MD
Sample : 02950-08
Misc : 3.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW985

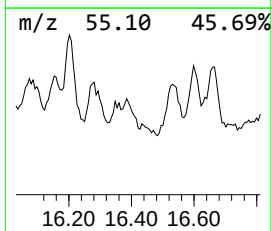
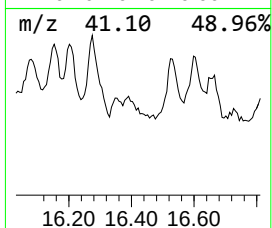
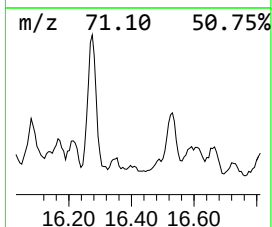
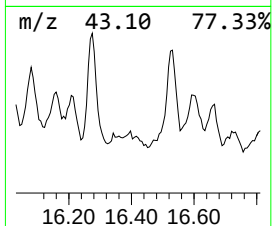
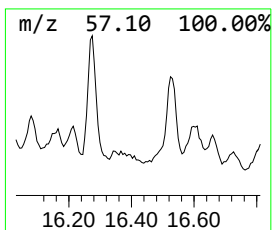
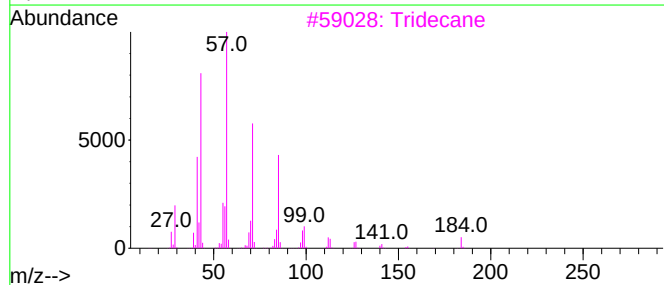
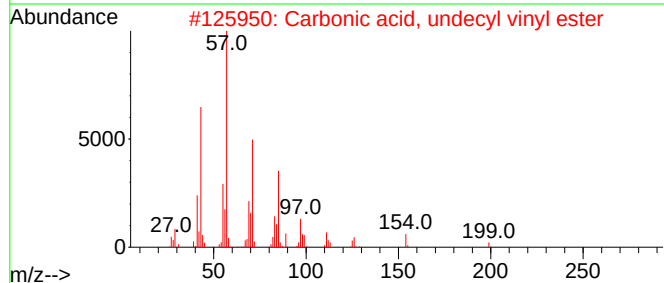
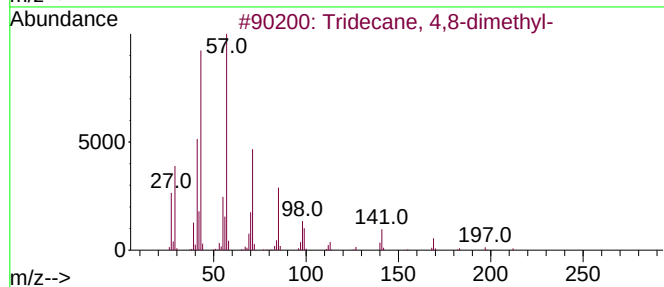
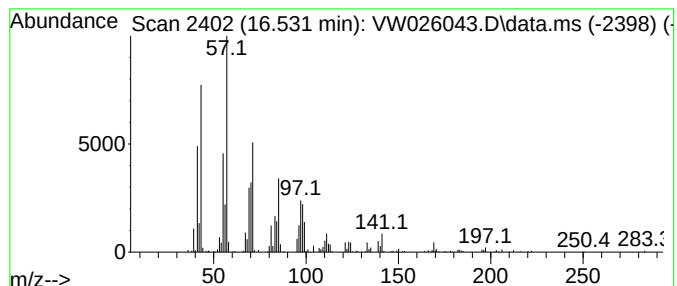
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	4.60 ug/L	227123	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	64
2			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	59
3			Tridecane	184	C13H28	000629-50-5	53
4			Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	52
5			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026043.D
 Acq On : 25 May 2023 16:14
 Operator : SY/MD
 Sample : 02950-08
 Misc : 3.74g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethyl-oxetane	5.935	1.7	ug/L	126720	1	8.843	1857670	25.0
(DEL) Alkane: S...	8.032	1.9	ug/L	139628	1	8.843	1857670	25.0
(DEL) Alkane: S...	8.478	1.3	ug/L	92971	1	8.843	1857670	25.0
(DEL) Alkane: C...	8.575	1.5	ug/L	113969	1	8.843	1857670	25.0
(DEL) Alkane: C...	9.605	3.5	ug/L	257584	1	8.843	1857670	25.0
(DEL) Alkane: S...	9.758	1.5	ug/L	111865	1	8.843	1857670	25.0
(DEL) Alkane: S...	9.892	1.3	ug/L	93129	1	8.843	1857670	25.0
(DEL) Alkane: S...	10.075	1.5	ug/L	110394	1	8.843	1857670	25.0
(DEL) Alkane: C...	10.508	3.4	ug/L	242496	2	11.629	1771370	25.0
(DEL) Alkane: C...	10.660	2.5	ug/L	180192	2	11.629	1771370	25.0
unknown-01	10.745	2.5	ug/L	180647	2	11.629	1771370	25.0
(DEL) Alkane: S...	11.032	6.0	ug/L	425176	2	11.629	1771370	25.0
(DEL) Alkane: C...	11.142	1.8	ug/L	126461	2	11.629	1771370	25.0
(DEL) Alkane: S...	11.221	4.9	ug/L	348513	2	11.629	1771370	25.0
unknown-02	11.319	1.3	ug/L	93110	2	11.629	1771370	25.0
(DEL) Alkane: C...	11.434	4.6	ug/L	326336	2	11.629	1771370	25.0
(DEL) Alkane: C...	11.556	3.2	ug/L	224536	2	11.629	1771370	25.0
(DEL) Alkane: C...	11.764	1.6	ug/L	112814	2	11.629	1771370	25.0
(DEL) Alkane: S...	11.818	3.1	ug/L	219630	2	11.629	1771370	25.0
(DEL) Alkane: C...	11.910	4.2	ug/L	297950	2	11.629	1771370	25.0
(DEL) Alkane: S...	11.971	5.7	ug/L	402807	2	11.629	1771370	25.0
(DEL) Alkane: C...	12.135	13.3	ug/L	941894	2	11.629	1771370	25.0
(DEL) Alkane: S...	12.245	25.5	ug/L	1809950	2	11.629	1771370	25.0
Cyclohexane, me...	12.337	16.5	ug/L	1169800	2	11.629	1771370	25.0
(DEL) Alkane: C...	12.410	3.0	ug/L	209061	2	11.629	1771370	25.0
(DEL) Alkane: S...	12.452	5.0	ug/L	353910	2	11.629	1771370	25.0
(DEL) Alkane: S...	12.507	7.9	ug/L	557558	2	11.629	1771370	25.0
(DEL) Alkane: C...	12.775	11.1	ug/L	547550	3	13.556	1233220	25.0
(DEL) Alkane: S...	12.855	15.9	ug/L	782997	3	13.556	1233220	25.0
(DEL) Alkane: C...	12.922	10.9	ug/L	536196	3	13.556	1233220	25.0
(DEL) Alkane: C...	13.074	15.4	ug/L	760044	3	13.556	1233220	25.0
unknown-03	13.123	10.9	ug/L	539555	3	13.556	1233220	25.0
(DEL) Alkane: S...	13.160	32.8	ug/L	1620180	3	13.556	1233220	25.0
(DEL) Alkane: S...	13.288	16.8	ug/L	826723	3	13.556	1233220	25.0
(DEL) Alkane: S...	13.342	13.1	ug/L	645841	3	13.556	1233220	25.0
(-)-trans-Pinane	13.434	10.4	ug/L	515008	3	13.556	1233220	25.0
unknown-04	13.477	8.6	ug/L	424432	3	13.556	1233220	25.0
(DEL) Alkane: C...	13.696	11.3	ug/L	557425	3	13.556	1233220	25.0
unknown-05	13.928	5.4	ug/L	265421	3	13.556	1233220	25.0
Dotriacontane, ...	13.977	3.6	ug/L	176851	3	13.556	1233220	25.0
(DEL) Alkane: S...	14.025	14.7	ug/L	724220	3	13.556	1233220	25.0
(DEL) Alkane: S...	14.123	21.4	ug/L	1053830	3	13.556	1233220	25.0
(DEL) Alkane: S...	14.190	7.5	ug/L	370146	3	13.556	1233220	25.0
unknown-06	14.257	14.6	ug/L	722385	3	13.556	1233220	25.0
Cyclohexene, 1-...	14.312	5.5	ug/L	273538	3	13.556	1233220	25.0
(DEL) Alkane: S...	14.348	8.7	ug/L	429880	3	13.556	1233220	25.0
Naphthalene, de...	14.379	19.5	ug/L	963115	3	13.556	1233220	25.0
unknown-07	14.489	3.1	ug/L	154471	3	13.556	1233220	25.0
1-Methyldecahyd...	14.544	17.1	ug/L	842390	3	13.556	1233220	25.0
(DEL) Alkane: S...	14.653	3.7	ug/L	182078	3	13.556	1233220	25.0
unknown-08	14.733	4.5	ug/L	220385	3	13.556	1233220	25.0
(DEL) Alkane: C...	14.794	9.1	ug/L	450779	3	13.556	1233220	25.0

(DEL) Alkane: S...	14.830	37.6	ug/L	1852660	3	13.556	1233220	25.0
(DEL) Alkane: S...	15.318	13.2	ug/L	651375	3	13.556	1233220	25.0
unknown-09	15.623	7.6	ug/L	377078	3	13.556	1233220	25.0
(DEL) Alkane: S...	15.720	16.9	ug/L	832738	3	13.556	1233220	25.0
(DEL) Alkane: S...	16.275	8.3	ug/L	410734	3	13.556	1233220	25.0
(DEL) Alkane: S...	16.531	4.6	ug/L	227123	3	13.556	1233220	25.0

Instrument :

MSVOA_W

ClientSampleId :

EW985