

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026506.D
 Acq On : 01 Jul 2023 05:36
 Operator : SY/MD
 Sample : 03501-12
 Misc : 4.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X7

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\SFAMWLM062923SMA.M

Title : SFAM01.0

Signal : TIC: VW026506.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	37	42	46	rBV	24702	39669	0.42%	0.046%
2	2.363	70	78	91	rBV	109848	286278	3.04%	0.335%
3	2.893	158	165	181	rBV	126575	378372	4.02%	0.443%
4	4.021	340	350	360	rVV	224530	713944	7.58%	0.835%
5	4.118	361	366	379	rVB	60743	165763	1.76%	0.194%
6	4.387	401	410	419	rVV2	11479	34936	0.37%	0.041%
7	4.917	488	497	508	rBV4	20975	79653	0.85%	0.093%
8	5.429	575	581	589	rVV4	5519	15364	0.16%	0.018%
9	6.990	830	837	843	rVV9	5927	13398	0.14%	0.016%
10	7.075	843	851	860	rVV	76132	215812	2.29%	0.253%
11	7.167	862	866	877	rVB	28317	80467	0.85%	0.094%
12	7.648	936	945	961	rVB	421369	1028909	10.92%	1.204%
13	7.935	984	992	993	rBV5	8051	15751	0.17%	0.018%
14	7.953	993	995	1002	rVB6	9895	17893	0.19%	0.021%
15	8.032	1002	1008	1015	rVB6	8072	19252	0.20%	0.023%
16	8.154	1021	1028	1034	rBV4	10026	22562	0.24%	0.026%
17	8.276	1036	1048	1065	rBV2	805944	2429244	25.79%	2.843%
18	8.435	1065	1074	1077	rBV8	8180	22183	0.24%	0.026%
19	8.575	1090	1097	1102	rVB6	11153	25196	0.27%	0.029%
20	8.843	1132	1141	1153	rBV	1266164	2450728	26.02%	2.868%
21	8.947	1153	1158	1165	rVB9	5123	13957	0.15%	0.016%
22	9.075	1172	1179	1185	rBV3	14319	33699	0.36%	0.039%
23	9.276	1201	1212	1218	rBV	749127	1596577	16.95%	1.868%
24	9.331	1218	1221	1227	rVV	143956	282636	3.00%	0.331%
25	9.380	1227	1229	1238	rVB	26329	43183	0.46%	0.051%
26	9.520	1246	1252	1258	rBV8	8258	18605	0.20%	0.022%
27	9.605	1258	1266	1273	rVB3	21475	48664	0.52%	0.057%
28	9.752	1283	1290	1297	rVB3	35841	70468	0.75%	0.082%
29	9.898	1305	1314	1318	rBV3	20068	44840	0.48%	0.052%
30	9.953	1318	1323	1328	rBV3	24266	50691	0.54%	0.059%
31	10.032	1330	1336	1342	rVV	310070	543260	5.77%	0.636%
32	10.087	1343	1345	1359	rVB4	34892	78495	0.83%	0.092%
33	10.209	1359	1365	1367	rBV5	9865	15328	0.16%	0.018%
34	10.245	1367	1371	1376	rVB2	20096	33872	0.36%	0.040%
35	10.319	1376	1383	1391	rBV	1389647	2573028	27.31%	3.011%
36	10.386	1392	1394	1400	rVB	44194	62176	0.66%	0.073%

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Title : SFAM01.0

37	10.495	1406	1412	1419	rVB4	30238	77042	0.82%	0.090%
38	10.575	1419	1425	1435	rBV	181195	350023	3.72%	0.410%
39	10.660	1435	1439	1449	rVB2	35634	73386	0.78%	0.086%
40	10.764	1449	1456	1460	rBV5	28955	63676	0.68%	0.075%
41	10.849	1465	1470	1475	rVB5	14676	27907	0.30%	0.033%
42	10.922	1475	1482	1492	rBV2	413988	774820	8.23%	0.907%
43	11.032	1495	1500	1508	rVB2	30421	70131	0.74%	0.082%
44	11.105	1508	1512	1515	rBV3	19614	31652	0.34%	0.037%
45	11.178	1520	1524	1527	rVV	39367	58701	0.62%	0.069%
46	11.227	1527	1532	1537	rVV	96919	164566	1.75%	0.193%
47	11.282	1537	1541	1545	rVV4	25924	41132	0.44%	0.048%
48	11.331	1545	1549	1553	rVV2	44482	77567	0.82%	0.091%
49	11.385	1554	1558	1559	rVV4	22548	37015	0.39%	0.043%
50	11.434	1562	1566	1574	rVB2	79690	151761	1.61%	0.178%
51	11.507	1574	1578	1582	rBV	50814	81148	0.86%	0.095%
52	11.629	1590	1598	1606	rBV	1461751	2432718	25.82%	2.847%
53	11.763	1616	1620	1624	rVB2	26987	36064	0.38%	0.042%
54	11.818	1624	1629	1633	rBV2	48274	96010	1.02%	0.112%
55	11.867	1633	1637	1642	rVV	119820	208867	2.22%	0.244%
56	11.916	1642	1645	1650	rVB3	78682	120314	1.28%	0.141%
57	11.971	1650	1654	1657	rBV	35941	65581	0.70%	0.077%
58	12.001	1657	1659	1661	rBV2	16933	18105	0.19%	0.021%
59	12.056	1665	1668	1673	rVB2	50658	83599	0.89%	0.098%
60	12.135	1673	1681	1686	rBV4	216577	517908	5.50%	0.606%
61	12.245	1692	1699	1704	rVB2	266610	525017	5.57%	0.614%
62	12.355	1704	1717	1725	rBV4	380027	1368286	14.53%	1.601%
63	12.501	1738	1741	1749	rVB5	148409	309307	3.28%	0.362%
64	12.611	1753	1759	1764	rVB4	129065	326354	3.46%	0.382%
65	12.690	1764	1772	1777	rBV2	666557	1304965	13.85%	1.527%
66	12.782	1783	1787	1792	rVB4	306776	556733	5.91%	0.652%
67	12.855	1792	1799	1804	rBV5	299446	742732	7.88%	0.869%
68	12.928	1805	1811	1818	rBV6	538011	1739332	18.46%	2.035%
69	13.074	1831	1835	1839	rVB2	309269	422078	4.48%	0.494%
70	13.123	1839	1843	1846	rBV2	263301	396415	4.21%	0.464%
71	13.166	1846	1850	1856	rBV6	249888	597638	6.34%	0.699%
72	13.288	1863	1870	1874	rBV2	603242	1038638	11.03%	1.215%
73	13.336	1875	1878	1882	rVV	333901	456582	4.85%	0.534%
74	13.373	1882	1884	1887	rVV3	144455	155422	1.65%	0.182%
75	13.446	1887	1896	1899	rVV6	658780	1518590	16.12%	1.777%
76	13.477	1899	1901	1907	rVB4	349919	476739	5.06%	0.558%

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 Title : SFAM01.0

77	13.556	1909	1914	1917	rBV	689422	1094001	11.61%	1.280%
78	13.690	1931	1936	1941	rBV4	422616	844991	8.97%	0.989%
79	13.873	1958	1966	1970	rBV4	1435254	3466973	36.80%	4.057%
80	13.915	1970	1973	1979	rVB3	512208	810137	8.60%	0.948%
81	13.976	1979	1983	1986	rBV3	653516	972241	10.32%	1.138%
82	14.019	1987	1990	1992	rBV3	276113	432812	4.59%	0.506%
83	14.190	2014	2018	2022	rBV3	671183	1047370	11.12%	1.226%
84	14.257	2025	2029	2035	rVB4	995424	1603739	17.02%	1.877%
85	14.312	2035	2038	2042	rVB3	447621	577262	6.13%	0.676%
86	14.379	2043	2049	2054	rBV2	2457386	4496908	47.74%	5.262%
87	14.489	2064	2067	2069	rBV3	271300	394113	4.18%	0.461%
88	14.543	2070	2076	2081	rVV5	1203559	2445221	25.96%	2.861%
89	14.653	2091	2094	2098	rBV	630711	814795	8.65%	0.953%
90	14.732	2103	2107	2112	rBV4	759339	1330065	14.12%	1.556%
91	14.793	2112	2117	2120	rBV2	1587640	2944569	31.26%	3.446%
92	14.836	2120	2124	2130	rVB3	2178147	4666851	49.54%	5.461%
93	15.116	2167	2170	2173	rBV3	477152	613516	6.51%	0.718%
94	15.318	2198	2203	2209	rVB	5950656	9420037	100.00%	11.024%
95	15.391	2210	2215	2220	rBV5	1123623	2421182	25.70%	2.833%
96	15.568	2239	2244	2249	rBV7	917194	2122599	22.53%	2.484%
97	15.622	2250	2253	2255	rBV2	550957	792246	8.41%	0.927%
98	15.720	2265	2269	2277	rVB5	1834216	3648833	38.73%	4.270%
99	15.860	2288	2292	2296	rBV4	785788	1674057	17.77%	1.959%
100	16.275	2355	2360	2368	rVB	2864690	5659813	60.08%	6.623%

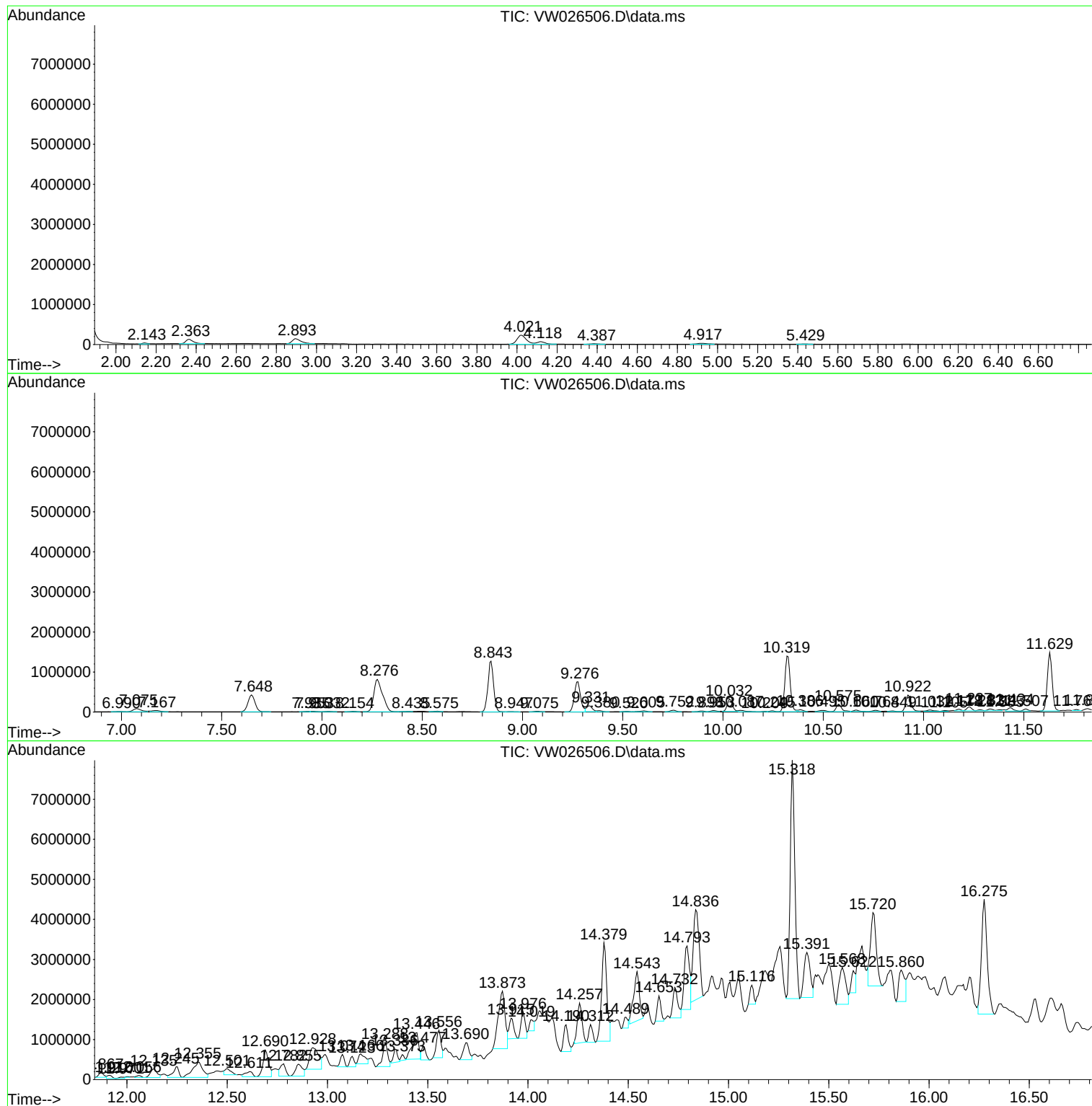
Sum of corrected areas: 85453705

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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



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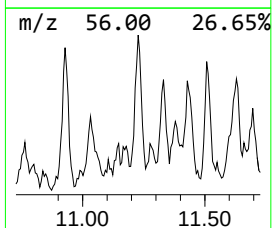
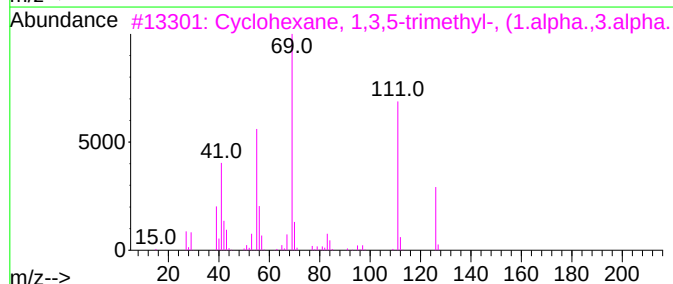
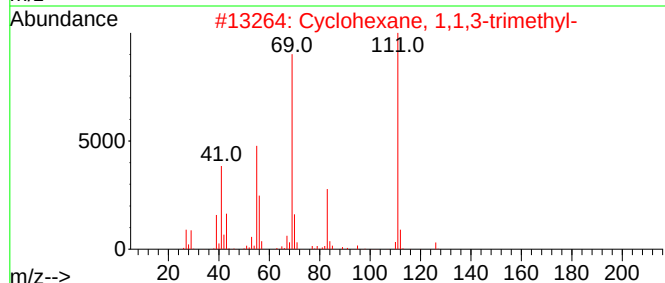
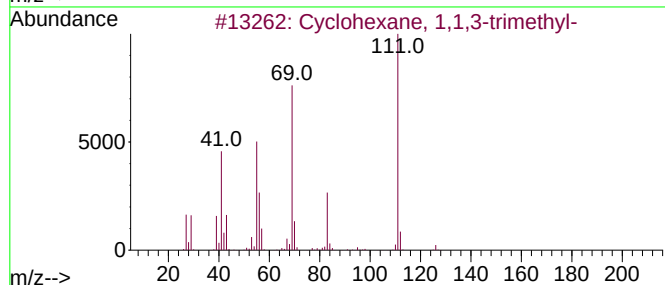
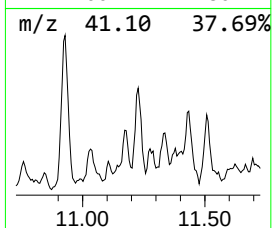
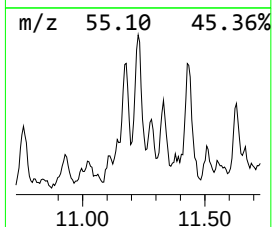
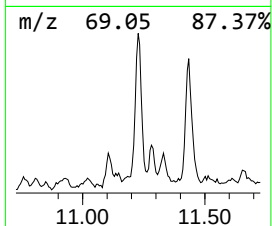
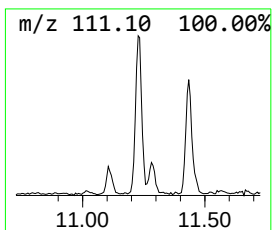
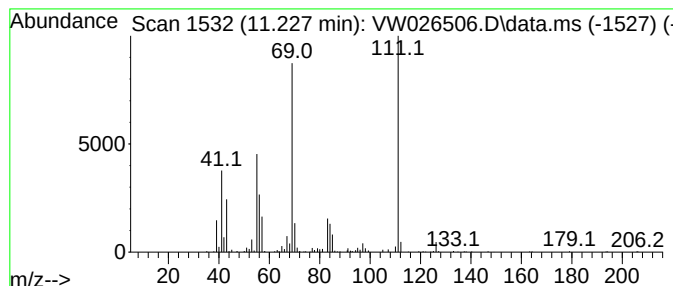
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic11.227 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.227	1.69 ug/L	164566	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
3	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
5	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	64



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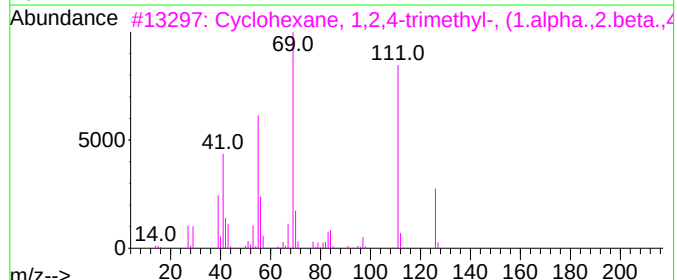
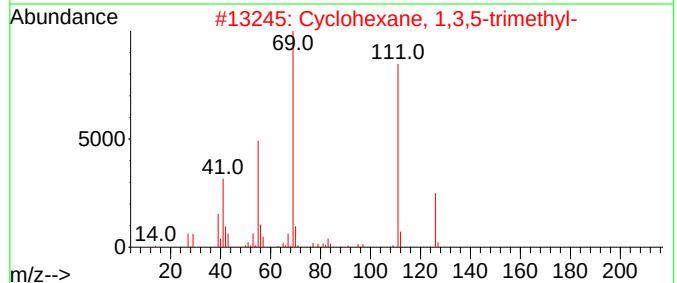
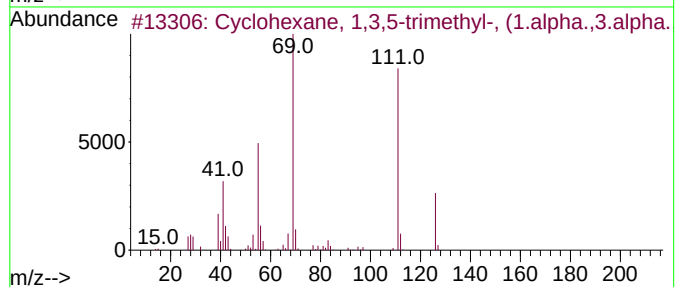
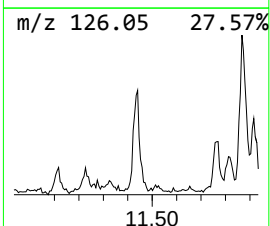
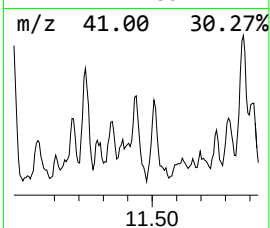
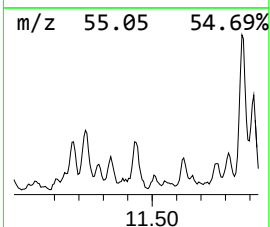
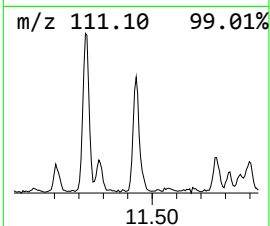
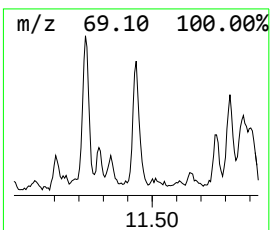
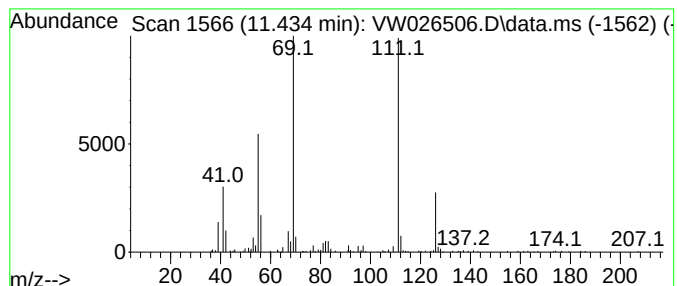
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.434 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	1.56 ug/L	151761	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90



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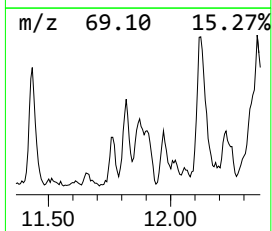
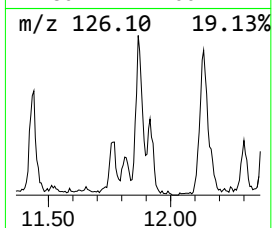
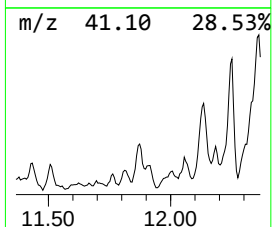
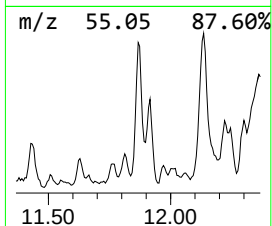
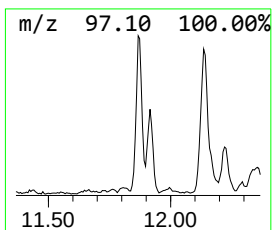
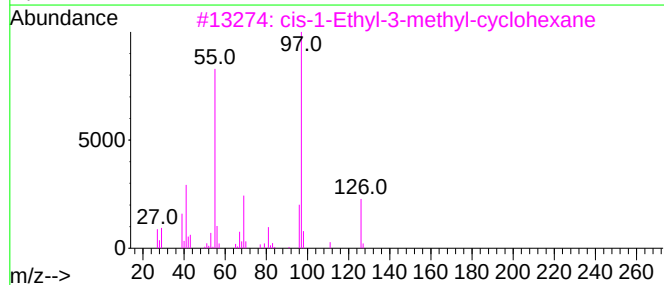
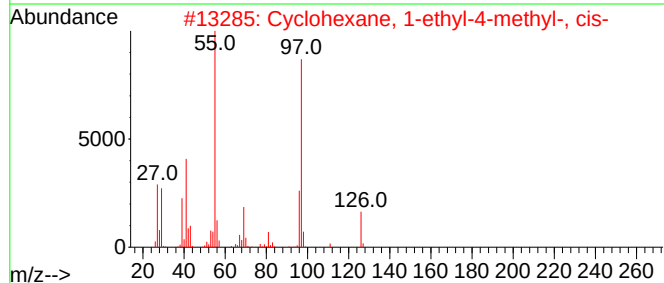
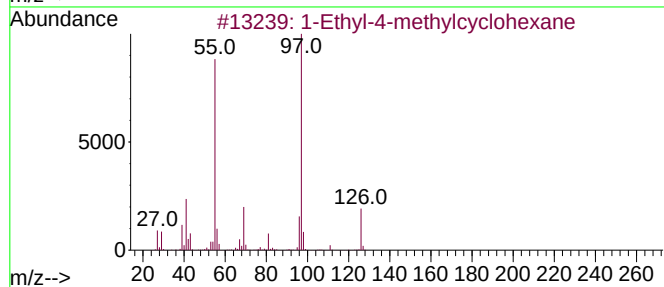
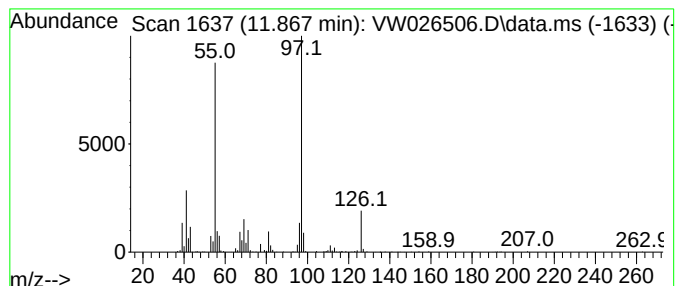
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.867 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.867	2.15 ug/L	208867	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	81
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	81
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

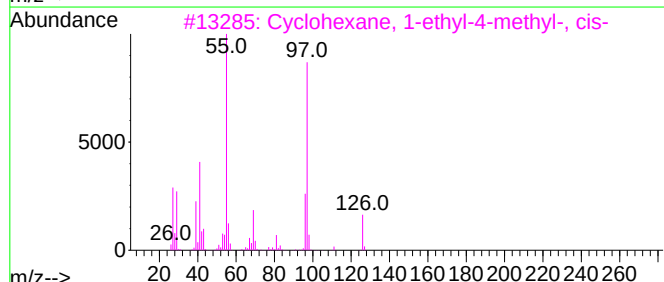
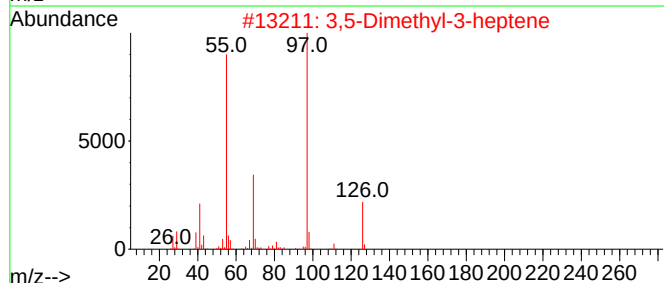
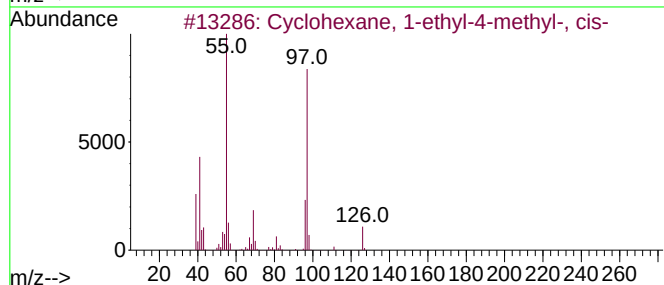
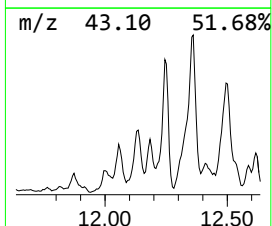
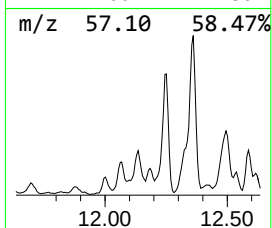
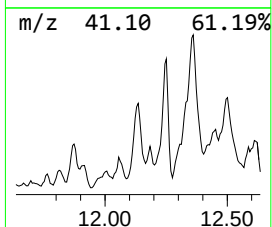
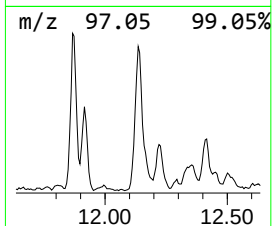
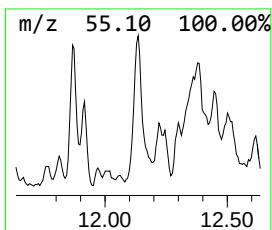
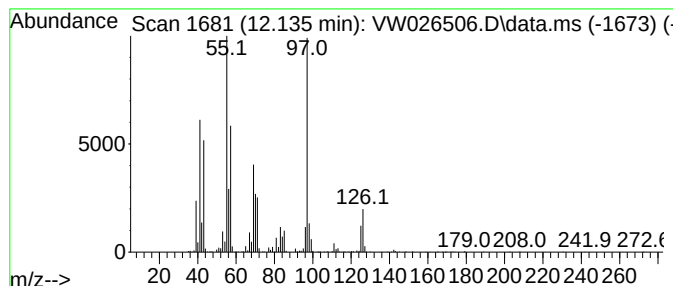
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.135 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	5.32 ug/L	517908	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

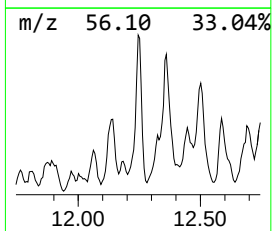
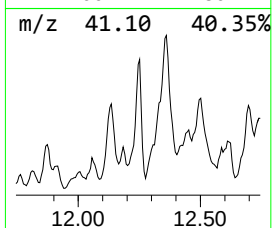
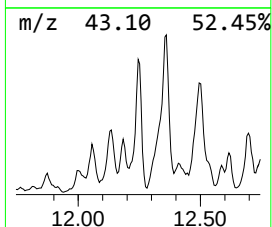
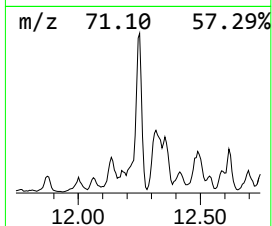
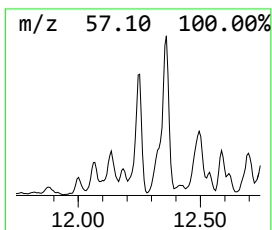
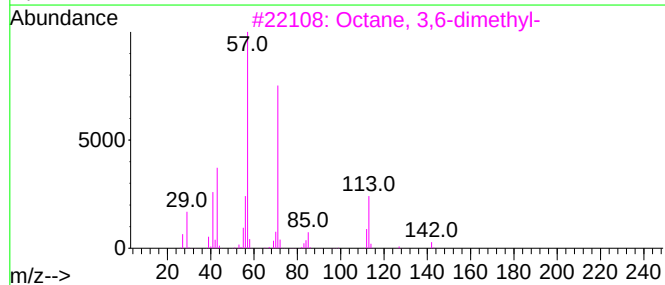
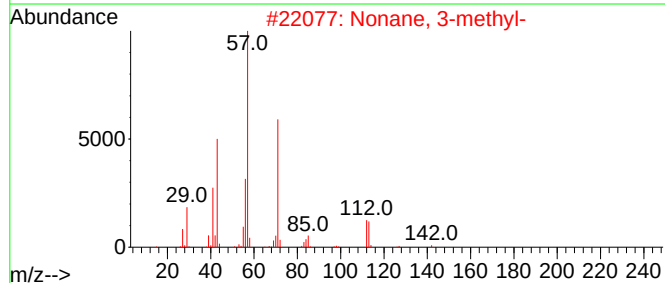
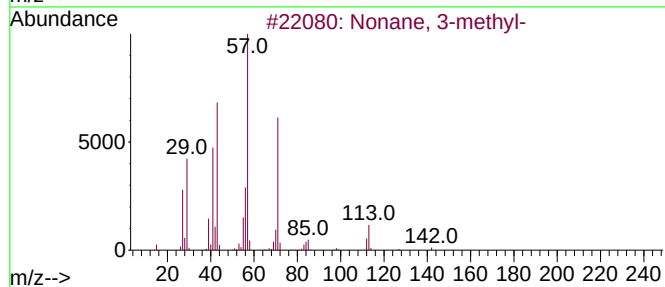
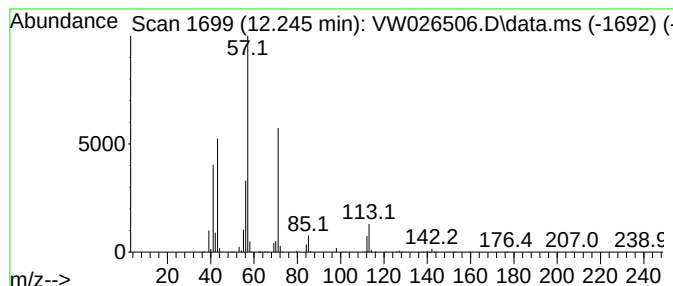
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ClientSampleId :
A46X7

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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 35

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.245	5.40 ug/L	525017	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

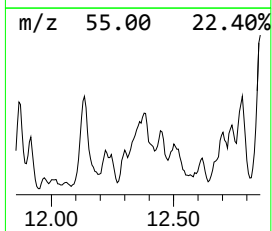
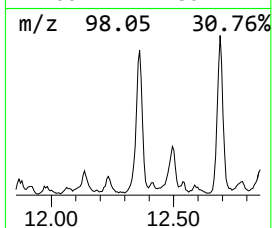
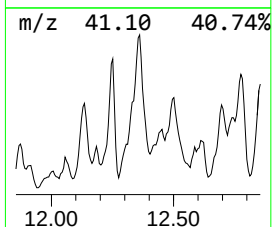
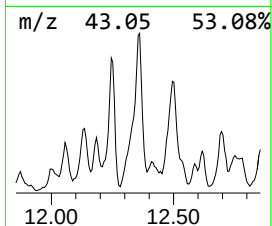
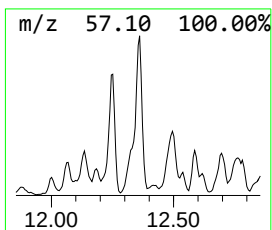
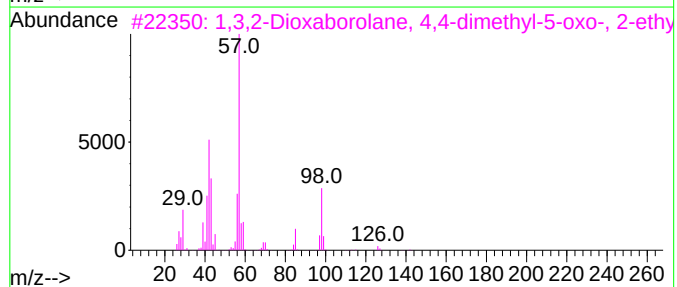
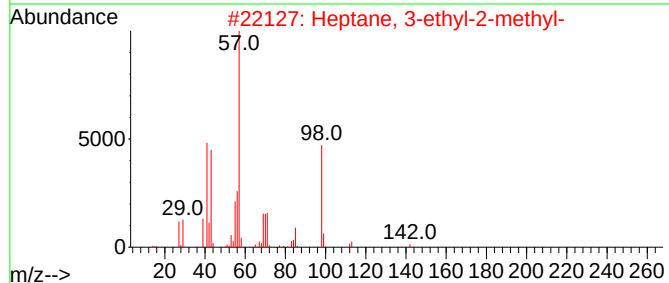
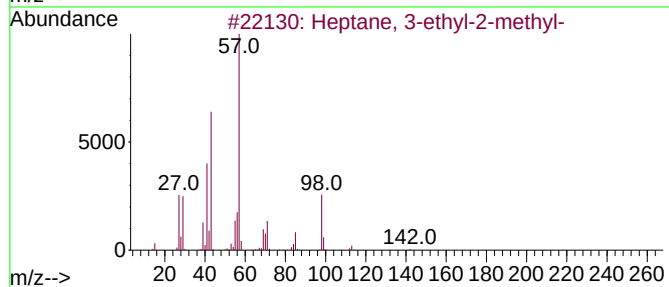
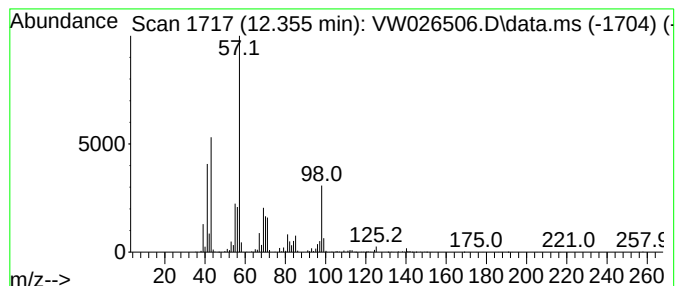
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.355	14.06 ug/L	1368290	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	59
4	Decyl heptyl ether	256	C17H36O	1000406-39-1	59
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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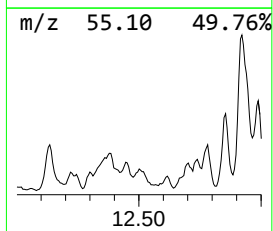
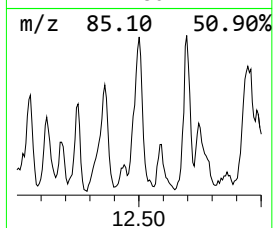
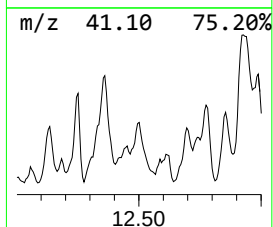
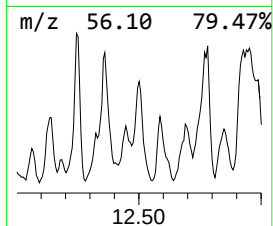
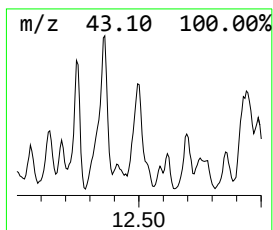
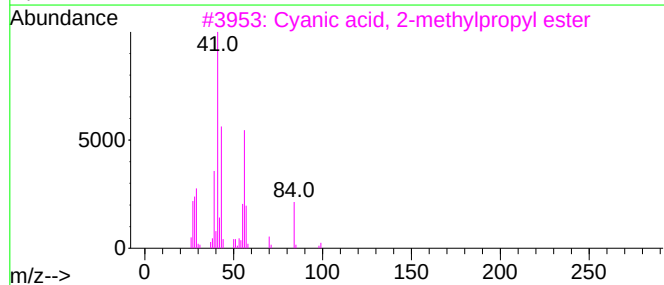
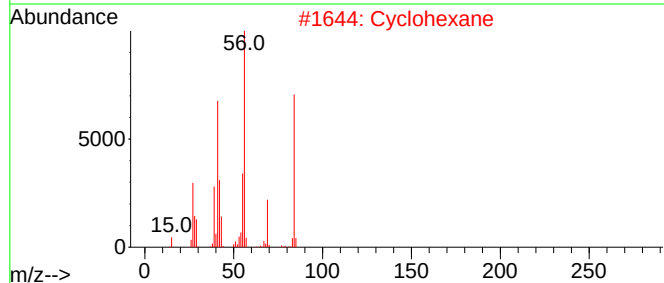
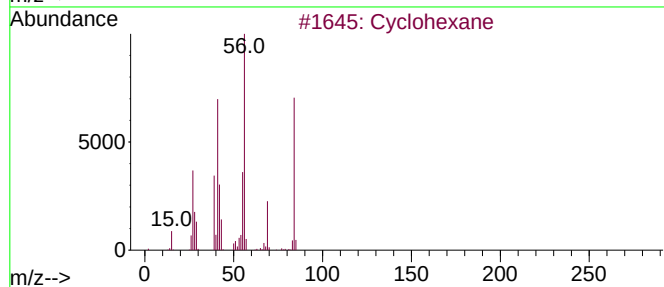
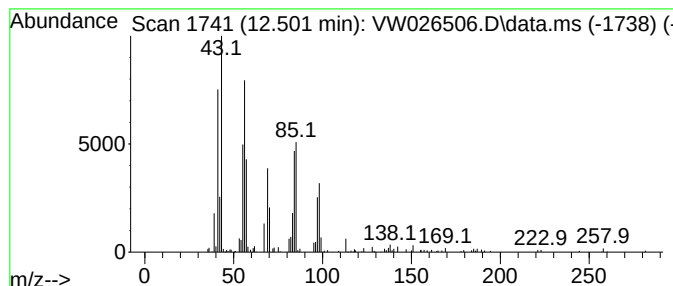
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.501 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.501	3.18 ug/L	309307	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	46
2			Cyclohexane	84	C6H12	000110-82-7	46
3			Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	43
4			1-Heptene, 2-pentyl-	168	C12H24	017799-46-1	43
5			Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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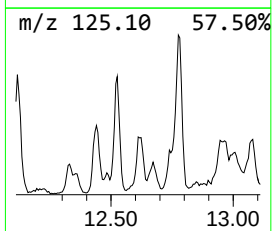
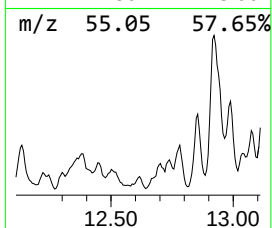
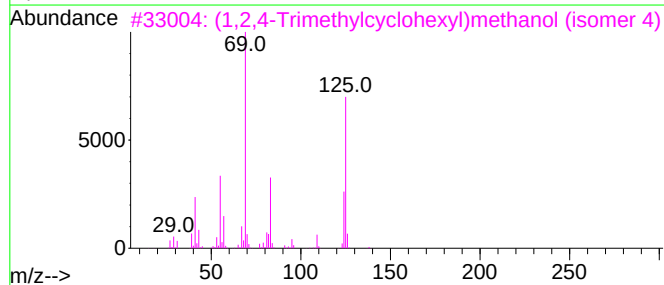
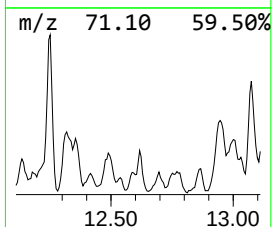
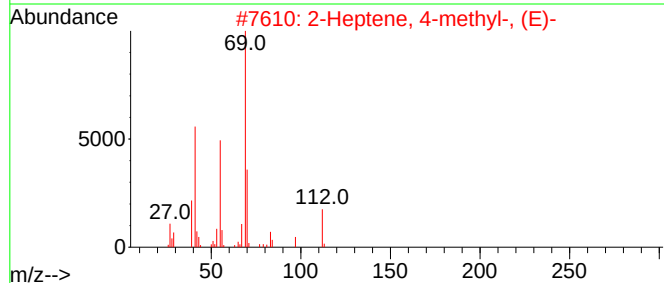
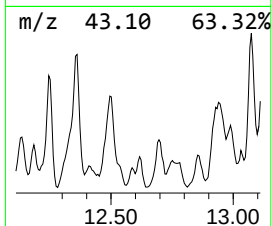
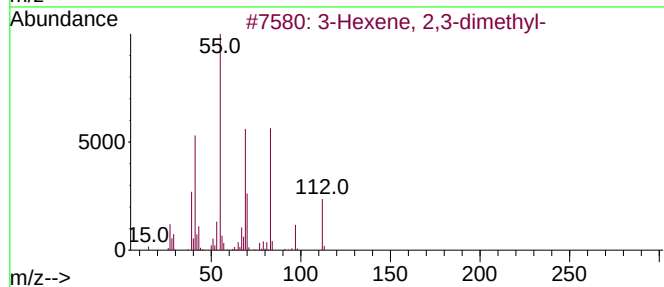
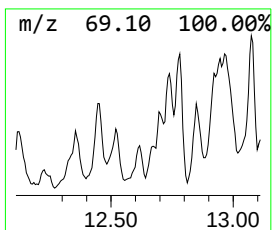
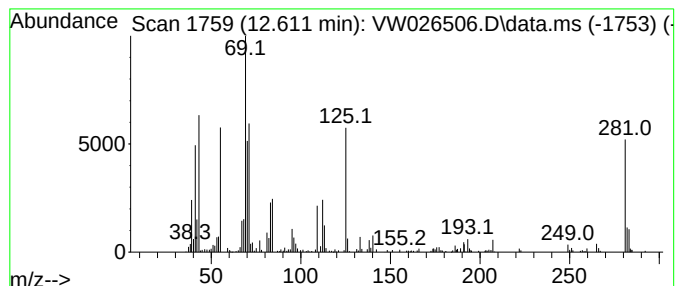
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	7.46 ug/L	326354	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	35
2		2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	35
3		(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-04-1	27
4		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	27
5		2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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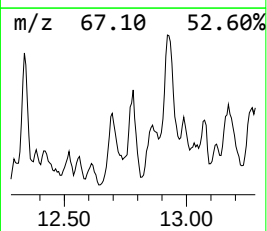
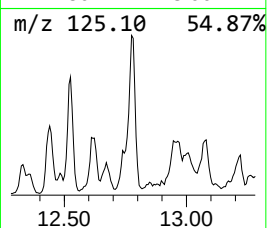
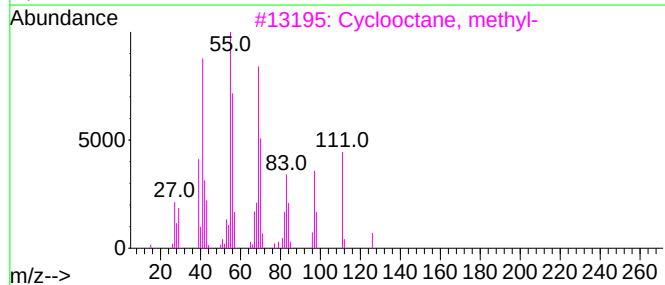
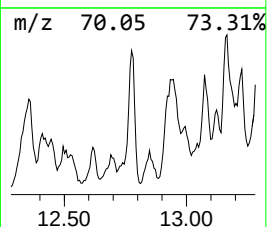
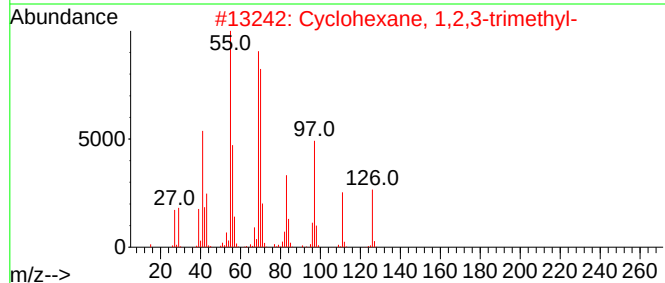
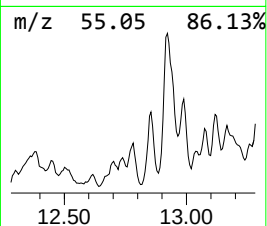
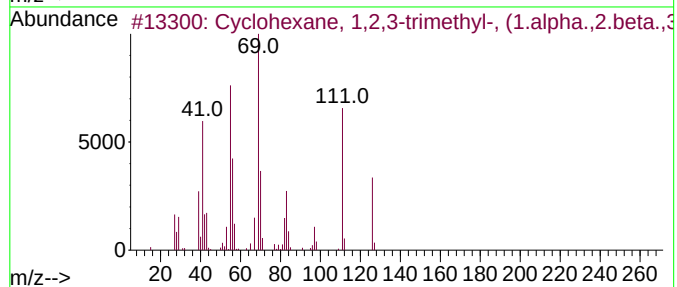
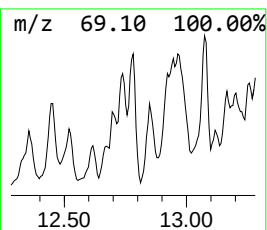
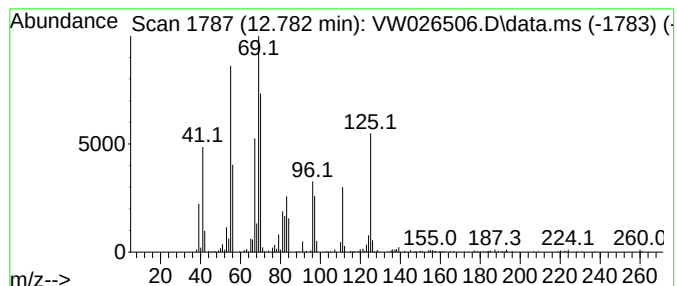
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.781 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.781	12.72 ug/L	556733	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	49
2			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
3			Cyclooctane, methyl-	126	C9H18	001502-38-1	38
4			5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	38
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

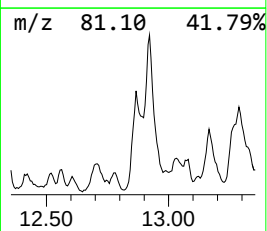
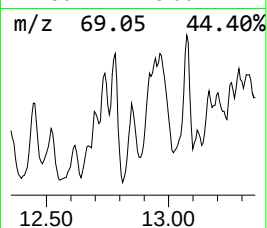
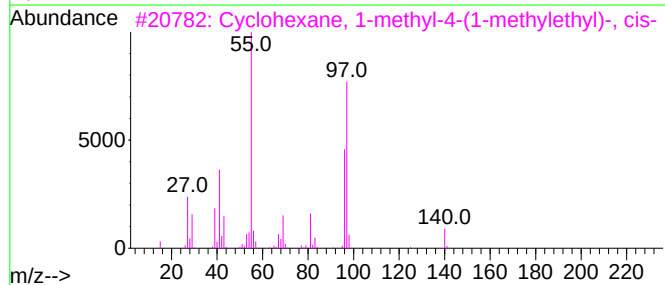
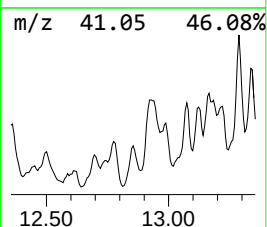
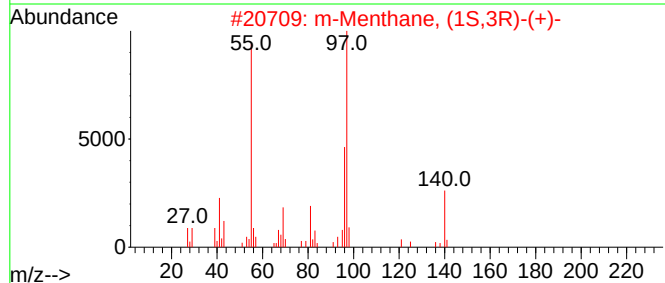
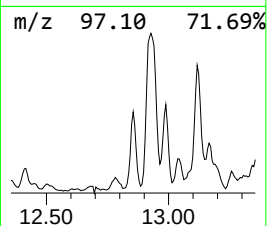
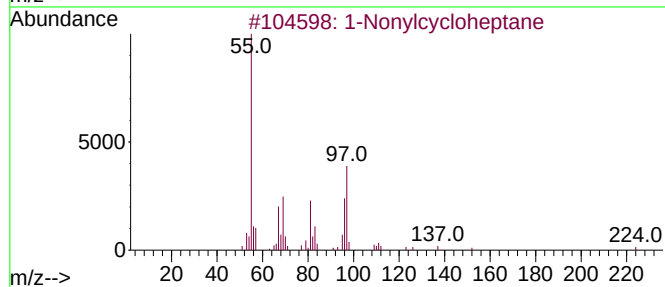
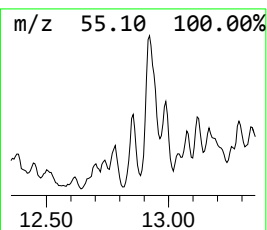
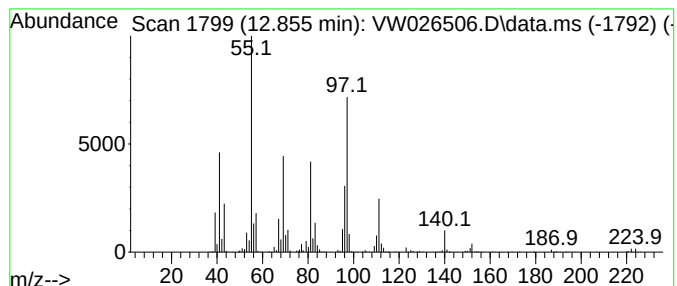
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic12.855 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	16.97 ug/L	742732	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonylcycloheptane			224	C16H32	1000371-47-7	68
2	m-Menthane, (1S,3R)-(+)-			140	C10H20	013837-66-6	53
3	Cyclohexane, 1-methyl-4-(1-methy...			140	C10H20	006069-98-3	52
4	Cyclohexane, 1-methyl-4-(1-methy...			140	C10H20	001678-82-6	52
5	1-Methyl-4-(1-methylethyl)-cyclo...			140	C10H20	000099-82-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

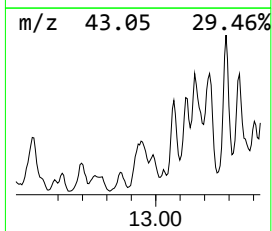
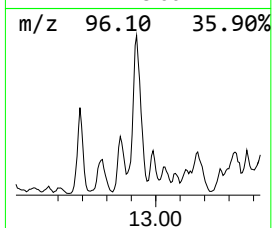
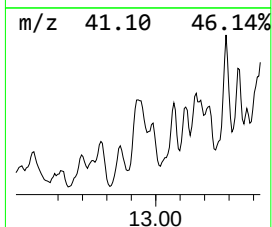
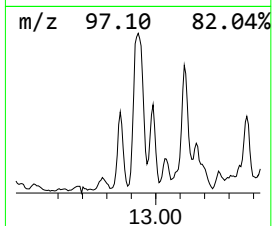
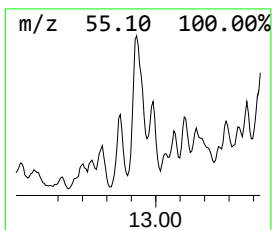
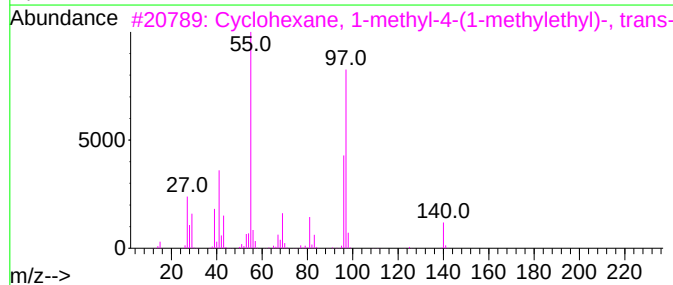
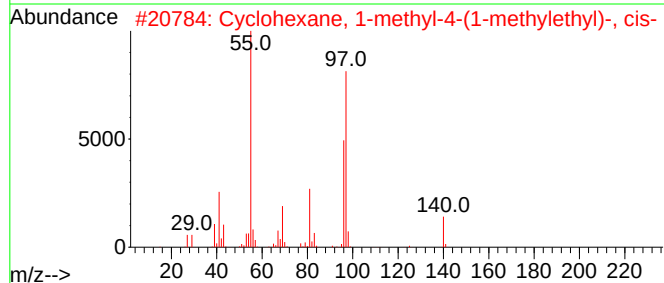
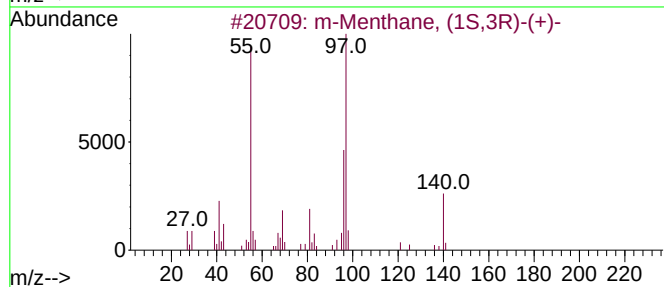
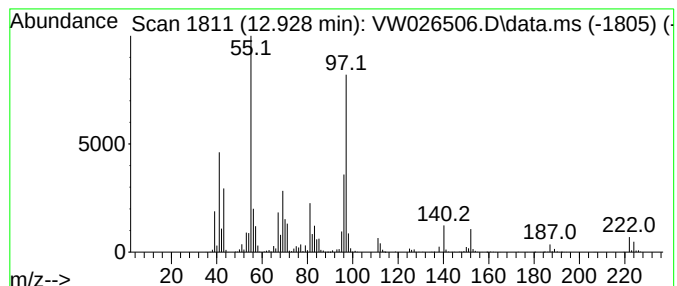
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	39.75 ug/L	1739330	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	76
2		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
3		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
5		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

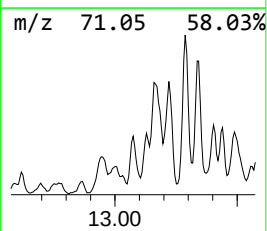
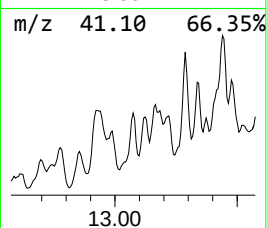
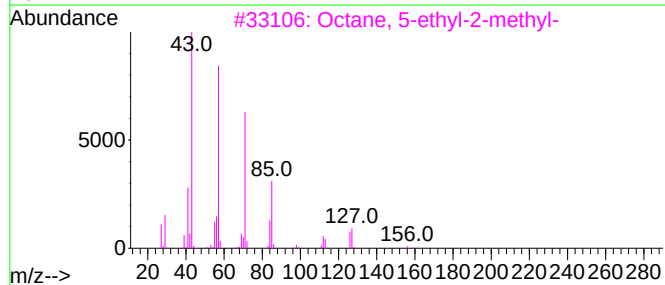
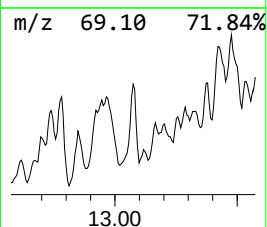
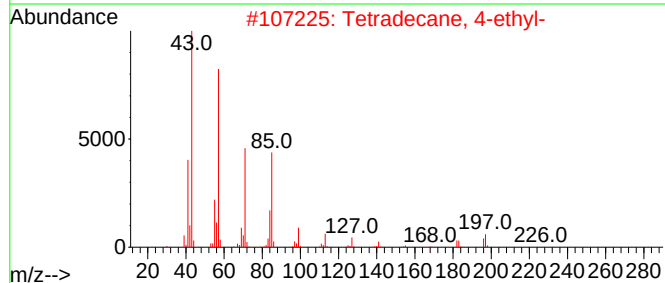
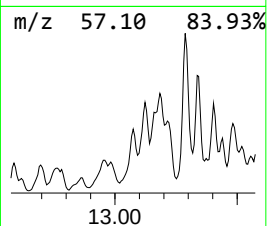
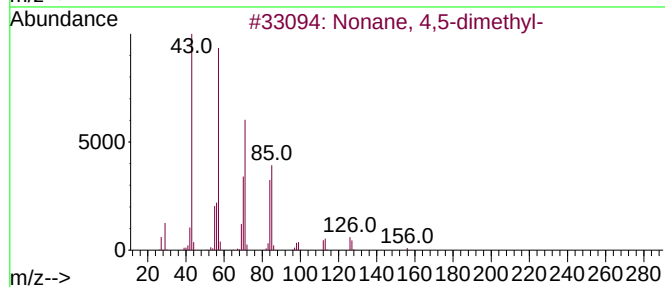
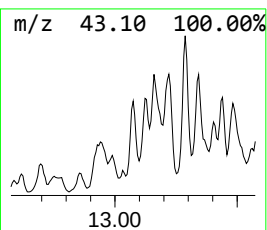
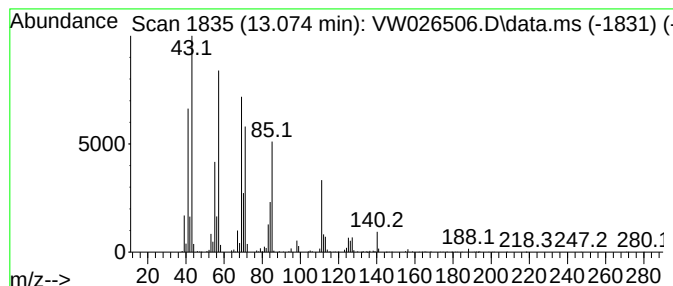
Instrument :
MSVOA_W
ClientSampleId :
A46X7

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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.
13.074	9.65 ug/L	422078	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	70
2	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	53
3	Octane, 5-ethyl-2-methyl-		156	C11H24	062016-18-6	46
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	43
5	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

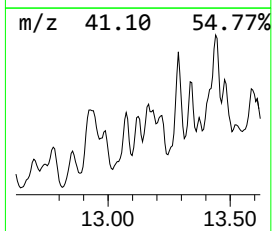
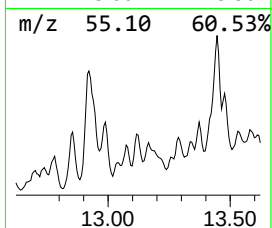
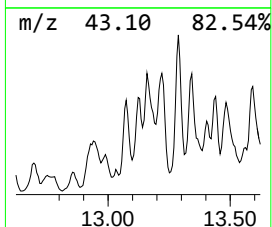
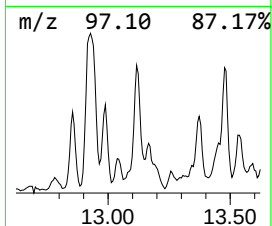
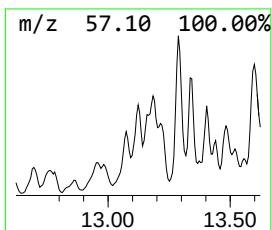
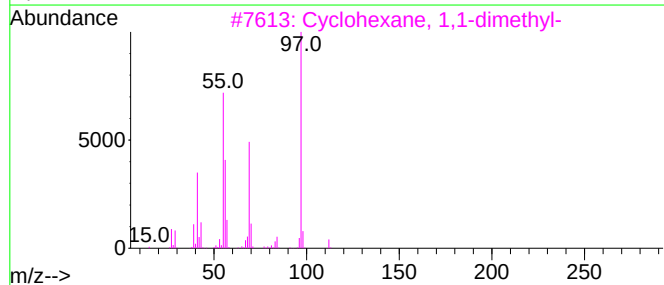
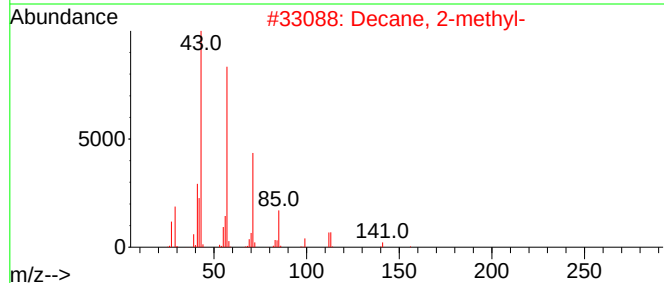
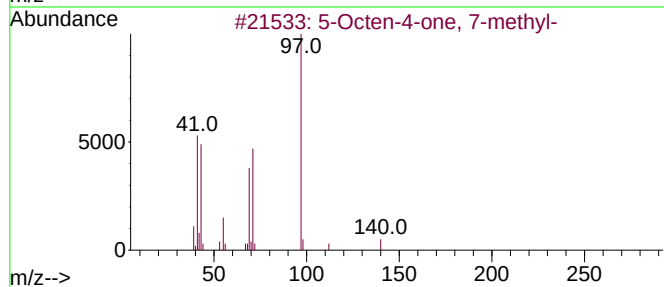
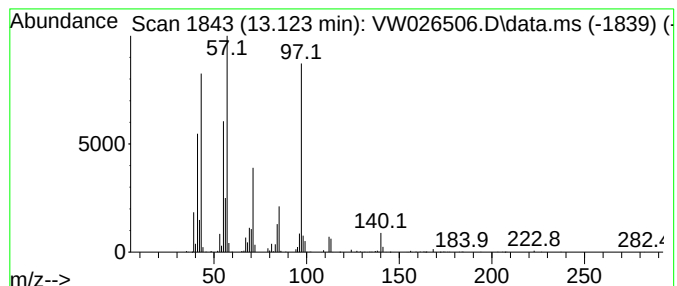
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	9.06 ug/L	396415	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			Decane, 2-methyl-	156	C11H24	006975-98-0	41
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
5			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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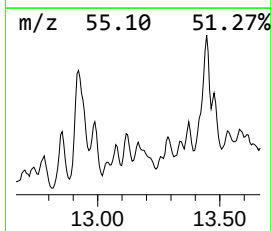
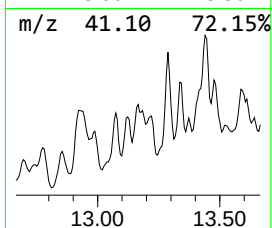
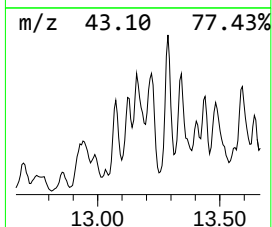
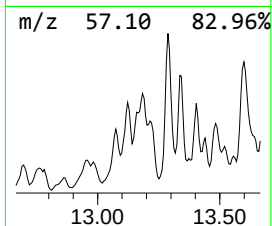
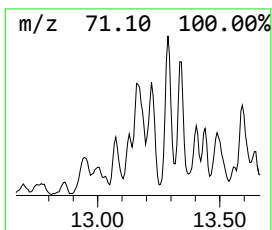
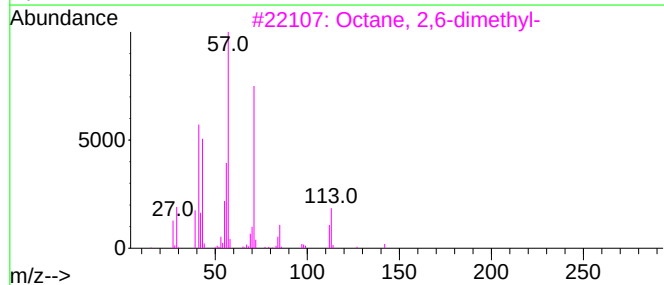
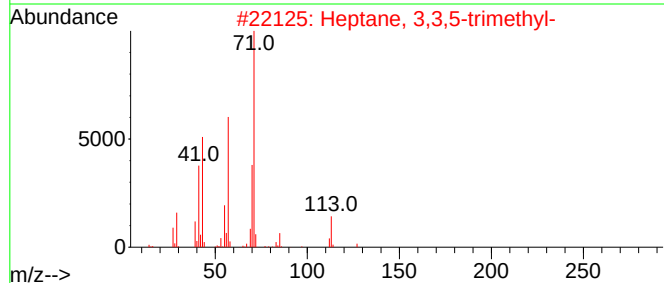
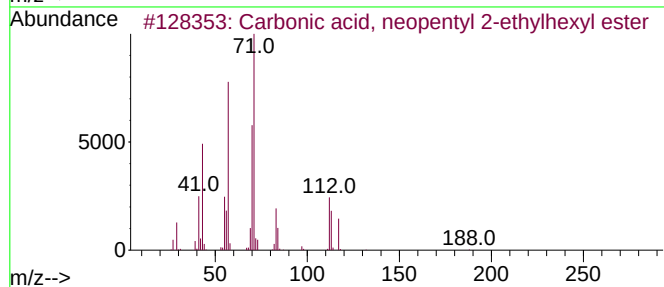
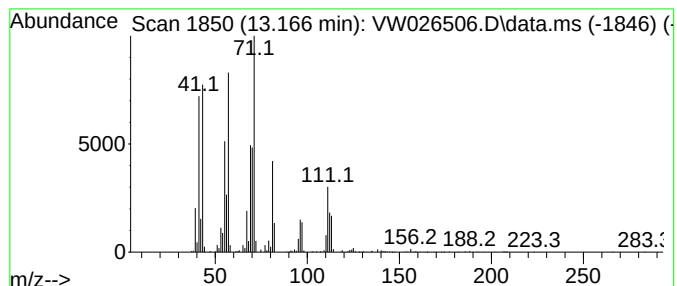
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Quant Title : SFAM01.0

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

Peak Number 15 Carbonic acid, neopentyl 2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	13.66 ug/L	597638	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	53
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	47
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

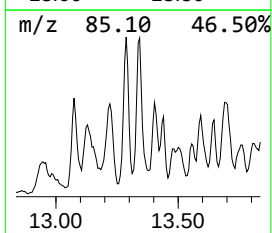
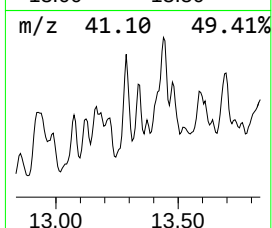
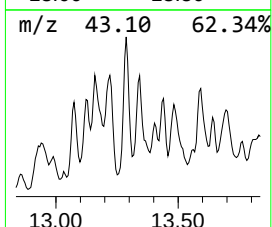
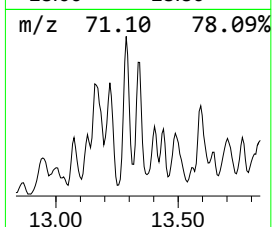
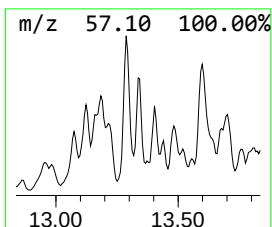
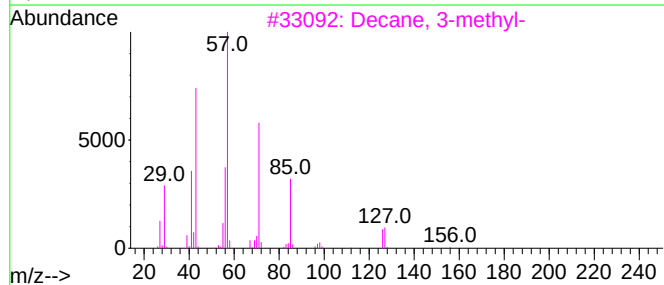
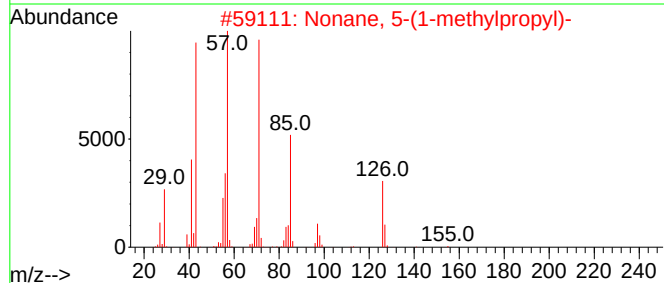
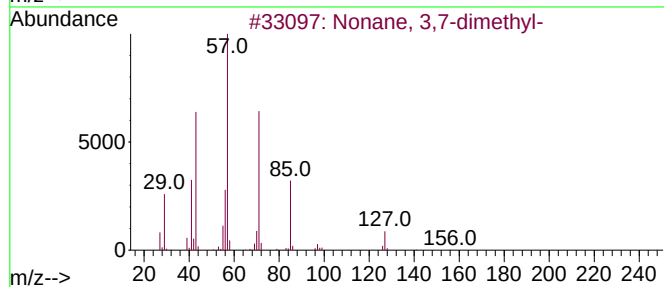
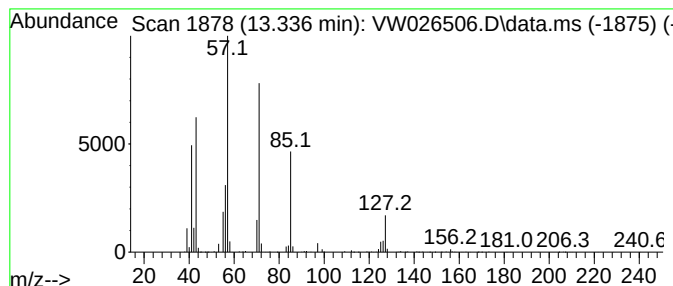
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	10.43 ug/L	456582	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	90
2			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	78
3			Decane, 3-methyl-	156	C11H24	013151-34-3	64
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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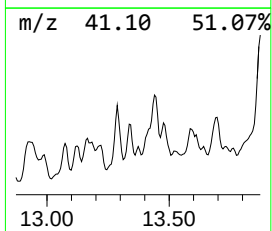
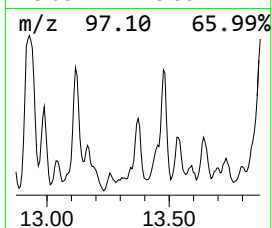
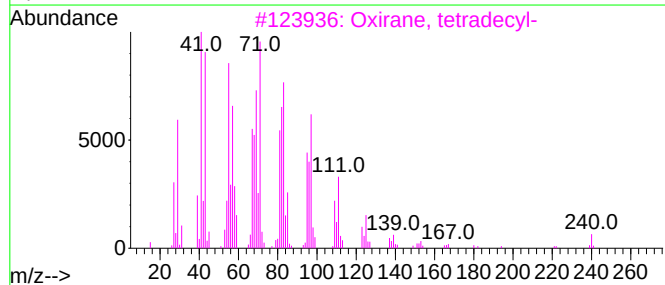
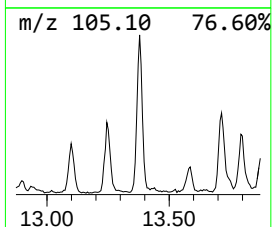
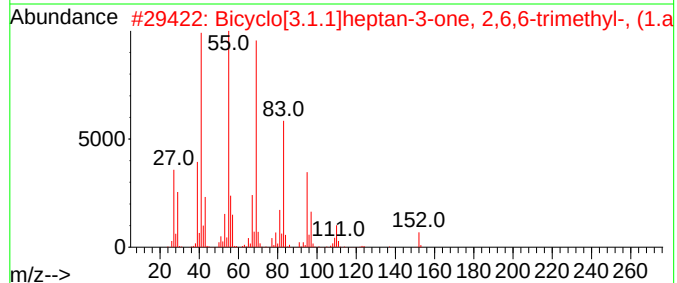
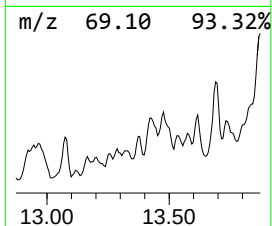
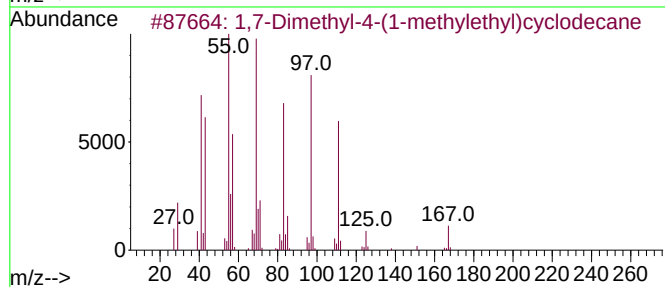
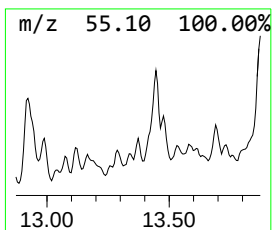
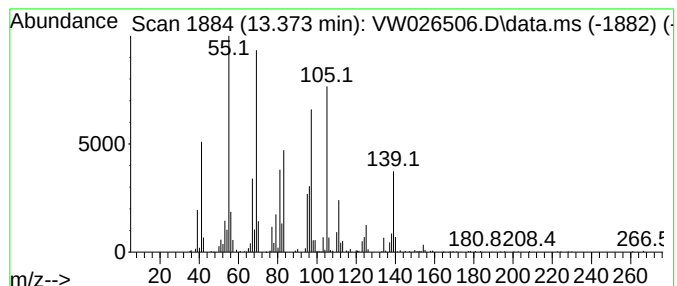
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic13.373 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	3.55 ug/L	155422	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	50
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	38
4			1-Nitrododecane	215	C12H25NO2	016891-99-9	38
5			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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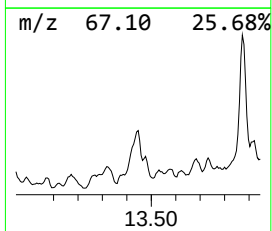
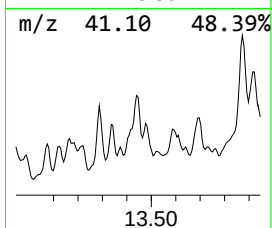
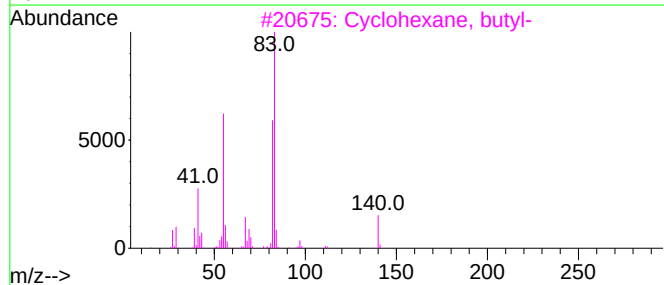
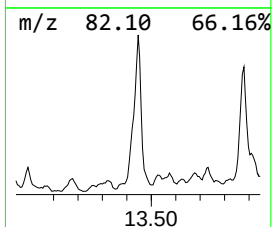
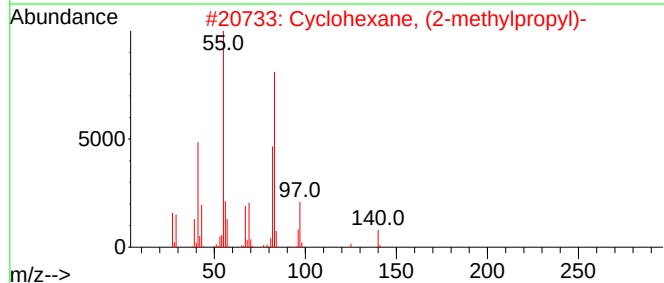
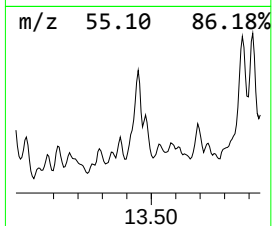
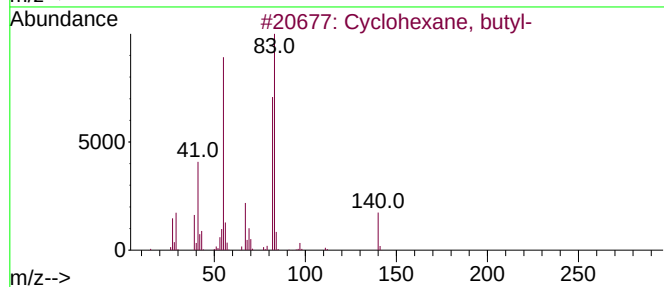
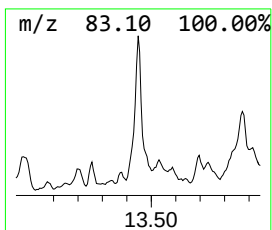
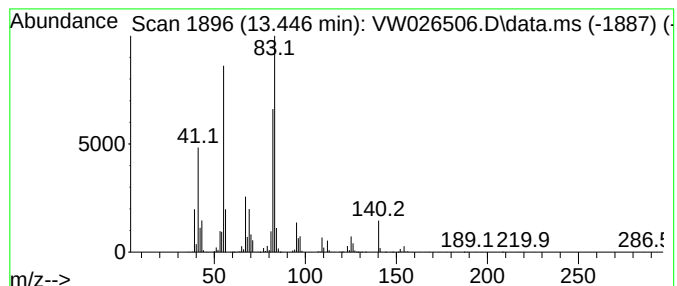
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic13.446 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	34.70 ug/L	1518590	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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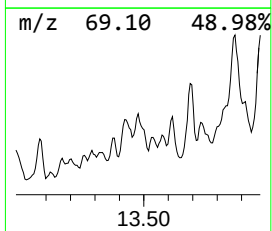
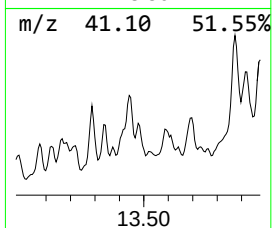
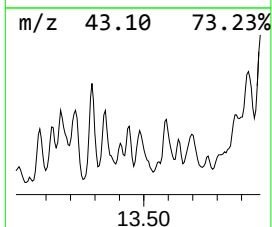
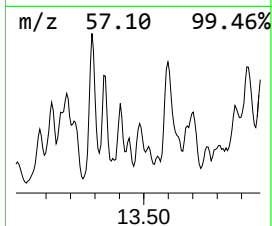
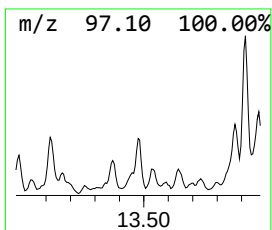
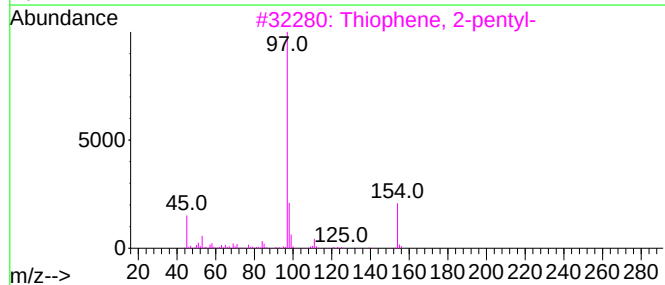
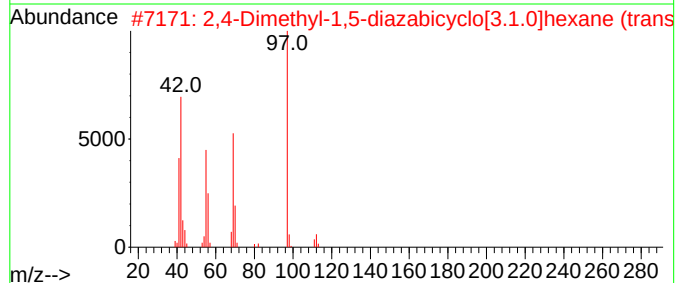
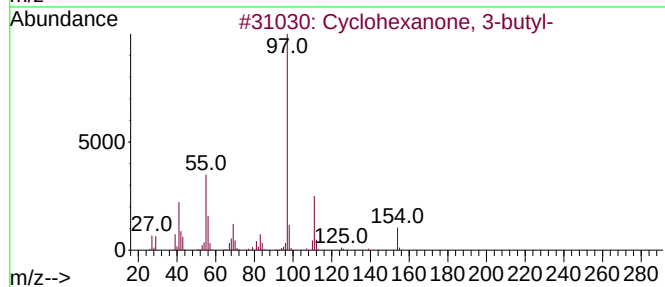
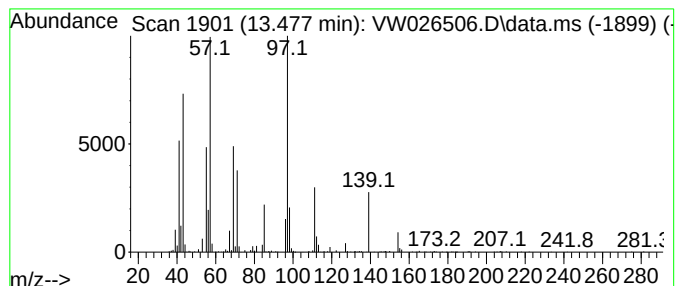
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Quant Title : SFAM01.0

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

Peak Number 19 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	10.89 ug/L	476739	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	49
2			2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (trans)	112	C6H12N2	1000283-20-9	38
3			Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	38
4			Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	35
5			Octadecane, 6-methyl-	268	C19H40	010544-96-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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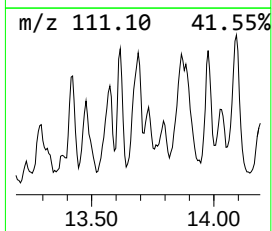
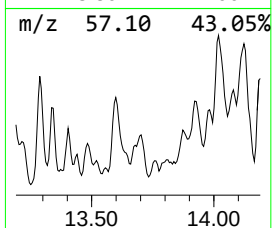
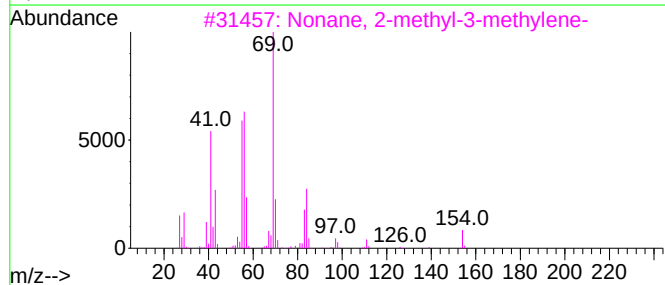
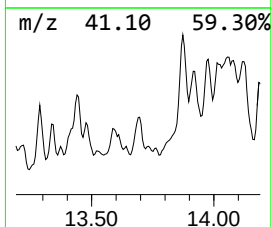
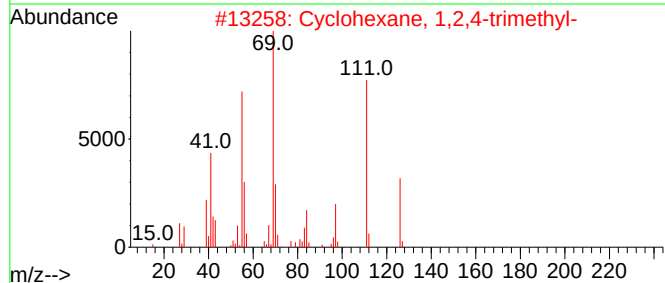
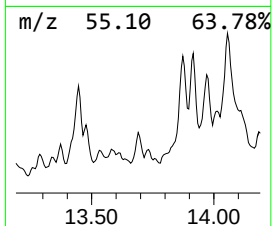
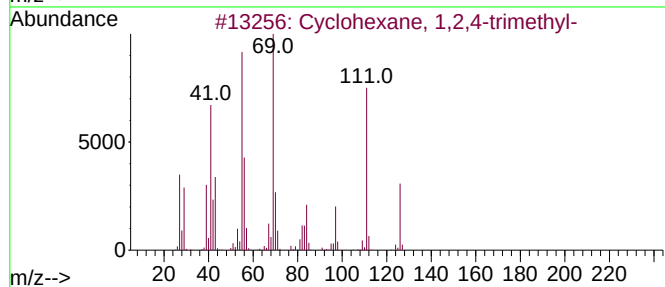
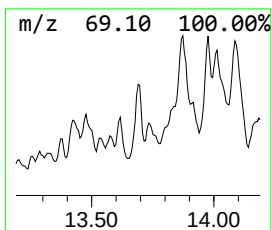
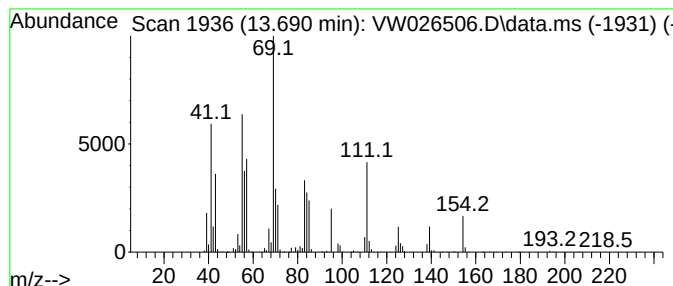
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic13.690 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	19.31 ug/L	844991	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	43
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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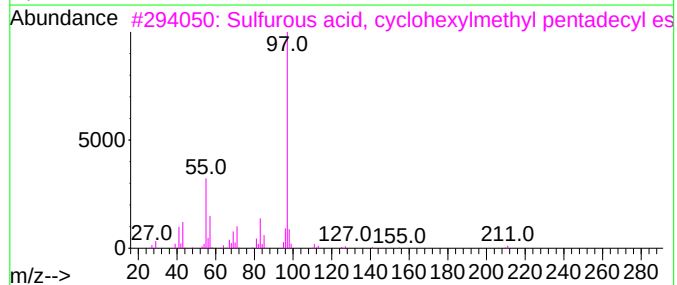
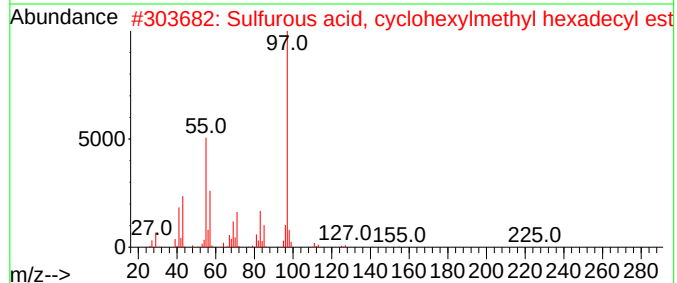
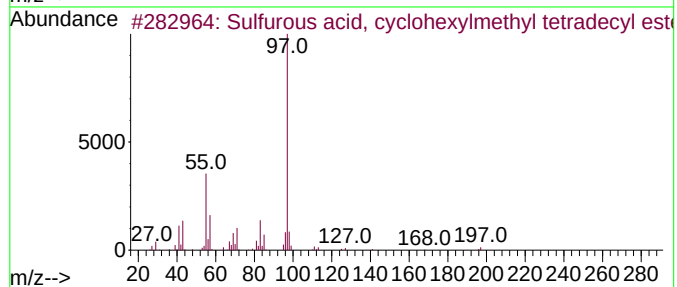
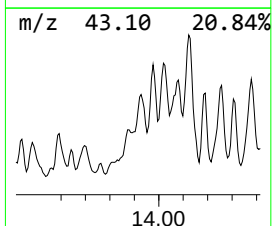
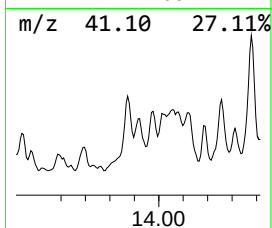
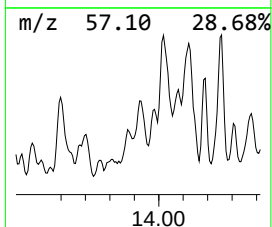
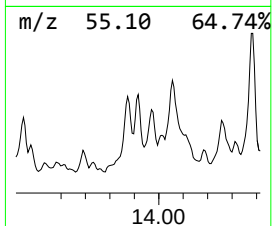
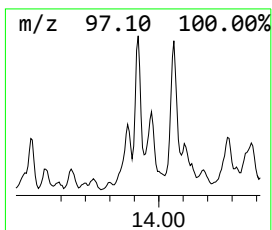
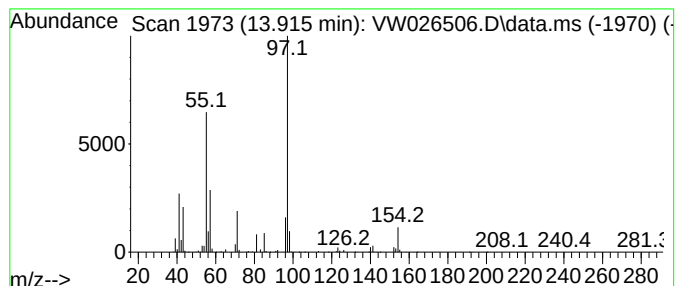
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Quant Title : SFAM01.0

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

Peak Number 21 Sulfurous acid, cyclohexylm... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	18.51 ug/L	810137	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	78
2			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	78
3			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	78
4			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	72
5			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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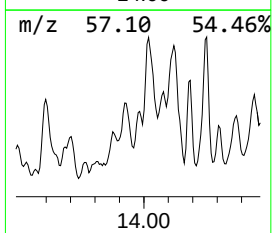
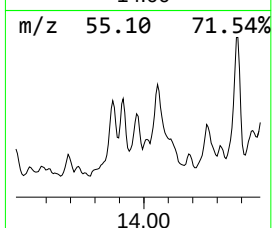
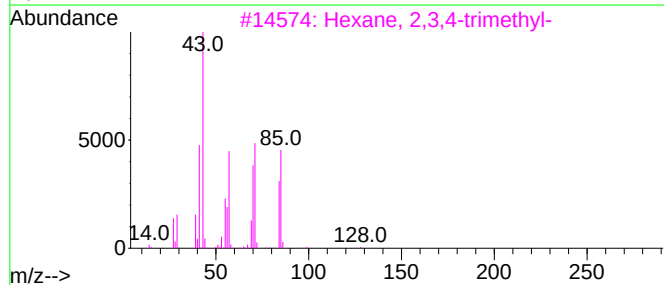
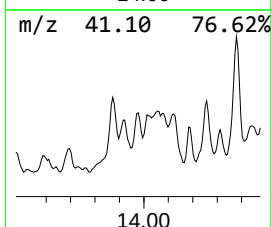
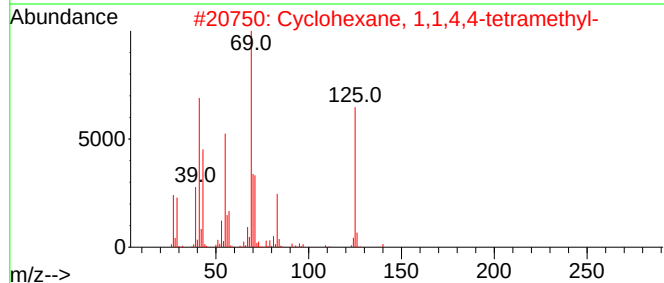
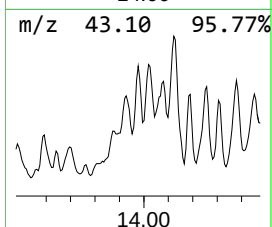
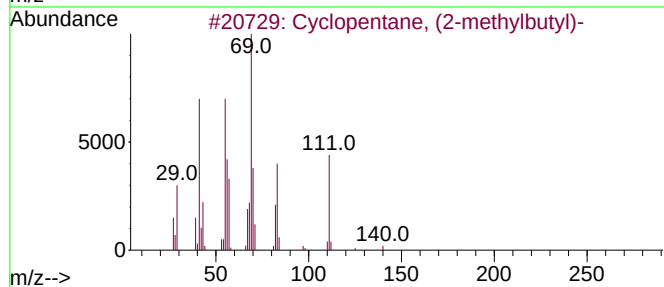
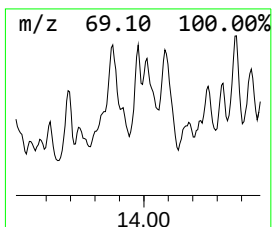
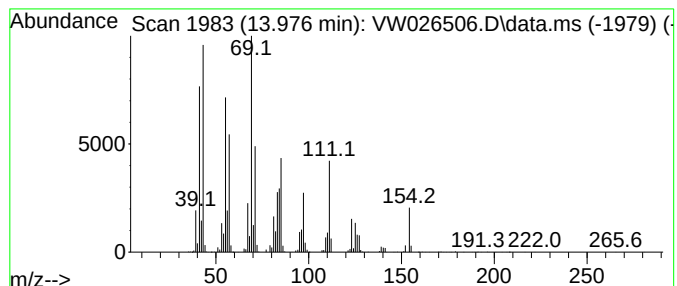
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic13.976 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	22.22 ug/L	972241	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	30
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	30
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	27
5			2-Pentene, 4-methyl-	84	C6H12	004461-48-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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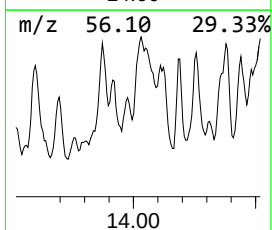
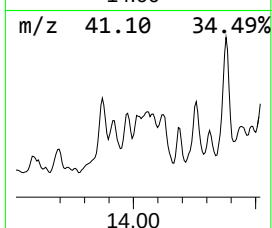
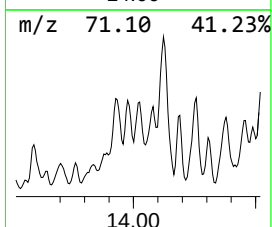
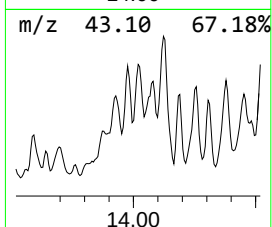
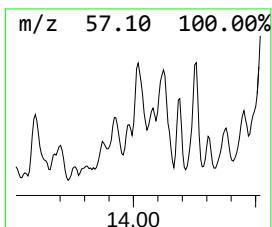
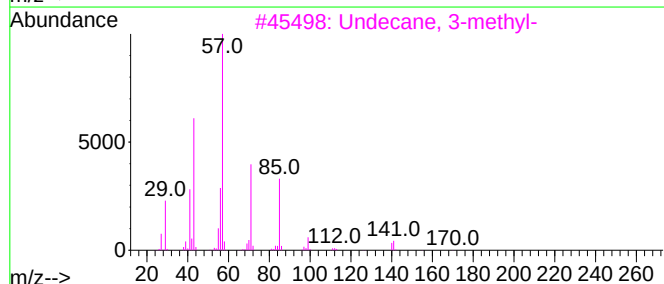
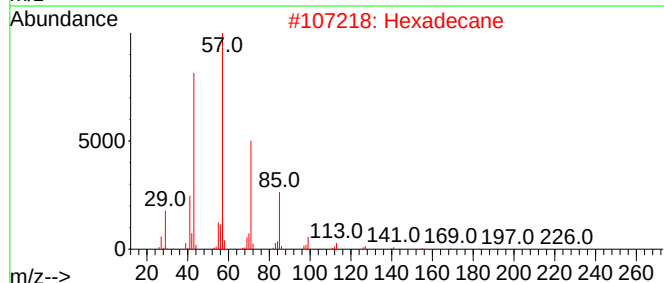
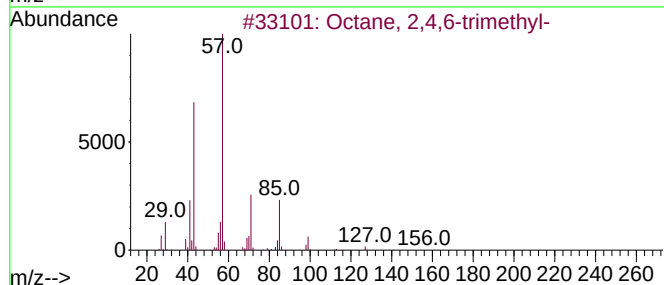
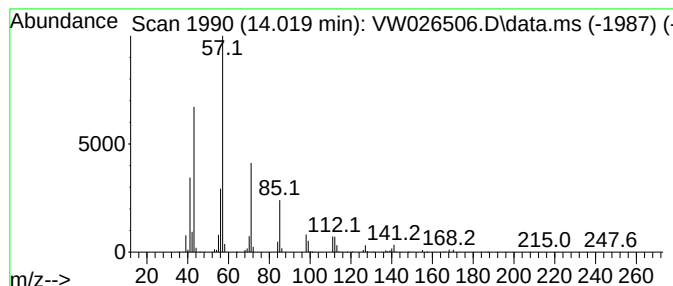
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.019	9.89 ug/L	432812	1,4-Dichlorobenzene-d4		13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2		Hexadecane	226	C16H34	000544-76-3	72
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4		Pentadecane	212	C15H32	000629-62-9	64
5		Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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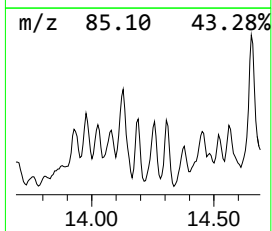
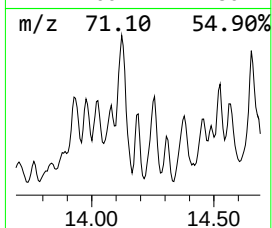
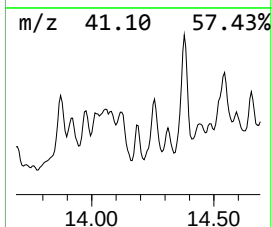
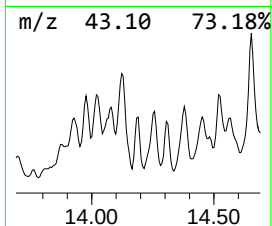
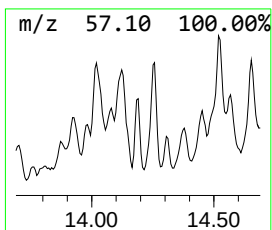
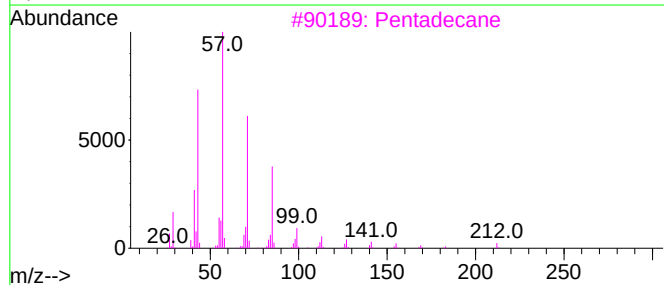
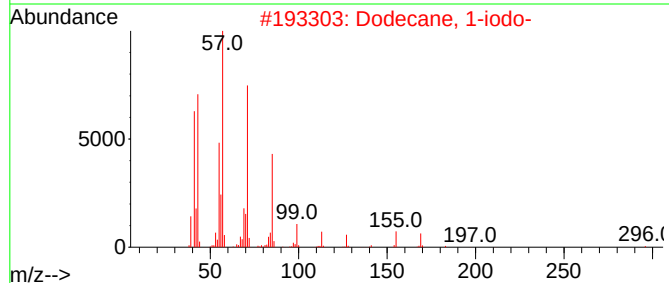
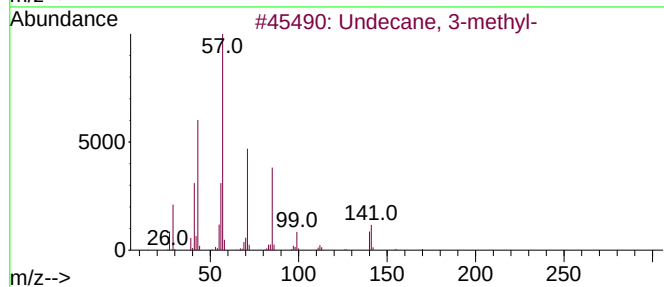
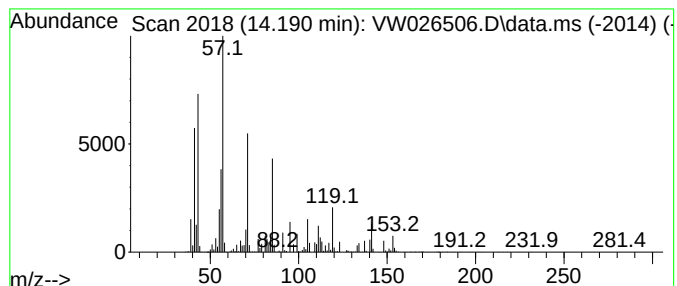
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	23.93 ug/L	1047370	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
3		Pentadecane	212	C15H32	000629-62-9	46
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	46
5		Nonadecane	268	C19H40	000629-92-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

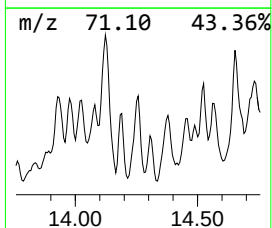
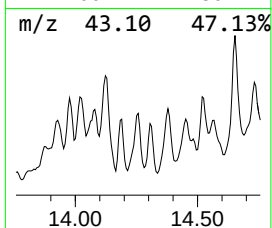
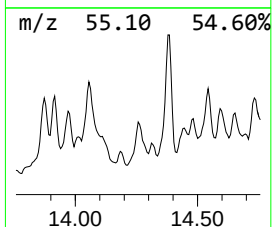
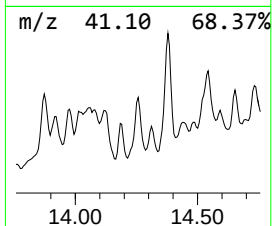
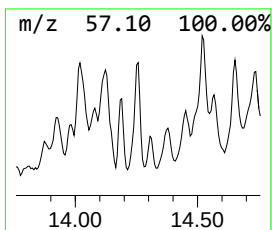
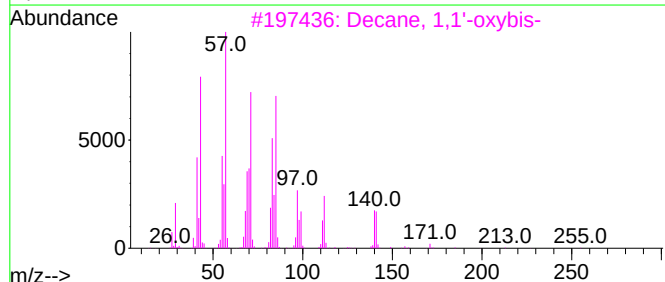
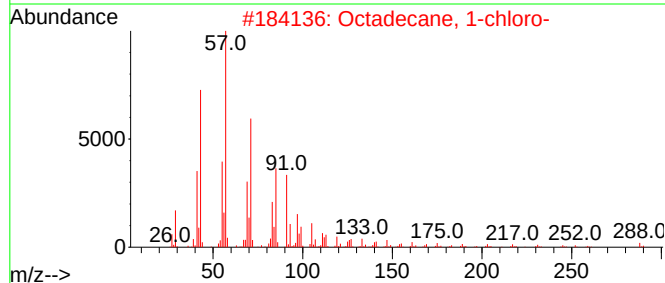
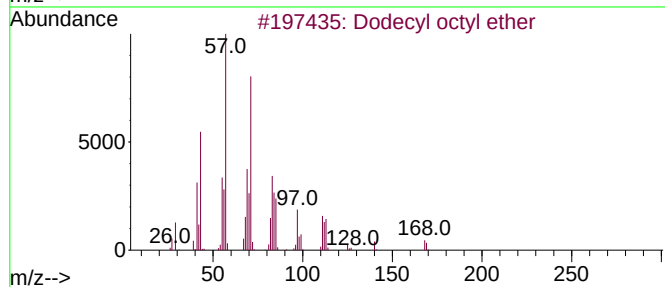
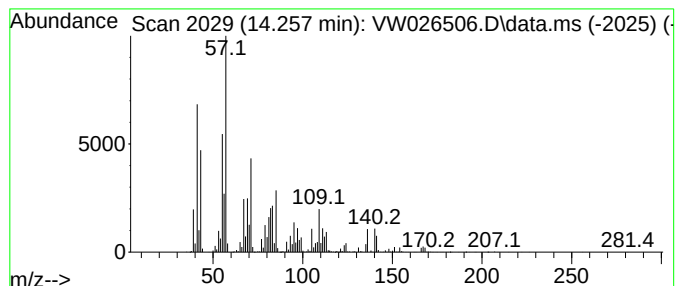
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Quant Title : SFAM01.0

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

Peak Number 25 Dodecyl octyl ether Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	36.65 ug/L	1603740	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl octyl ether	298	C20H42O	1000406-38-4	52
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
3			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	38
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	35
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

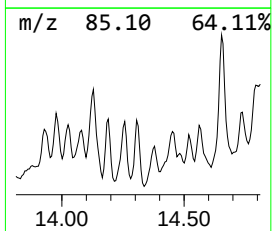
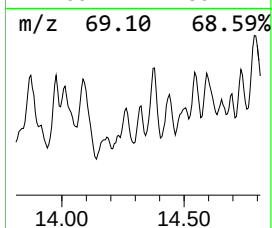
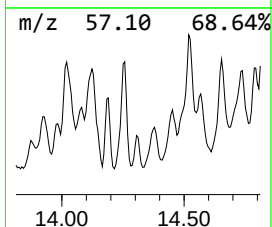
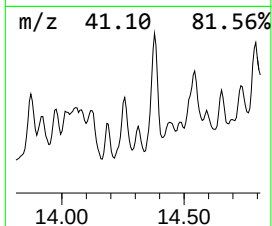
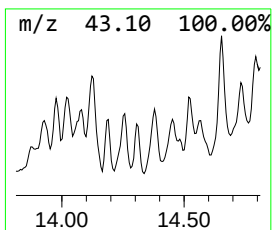
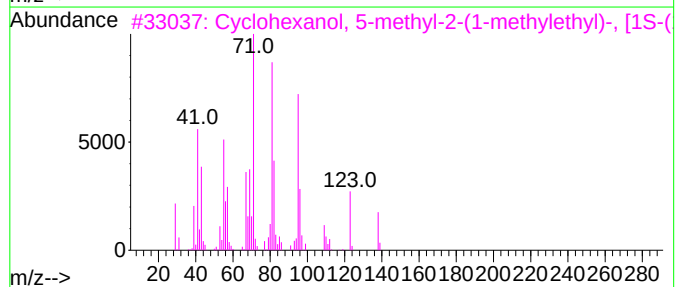
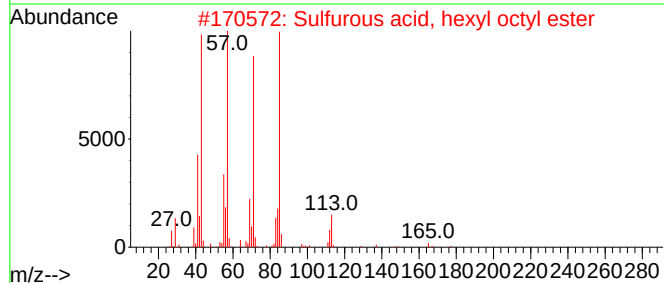
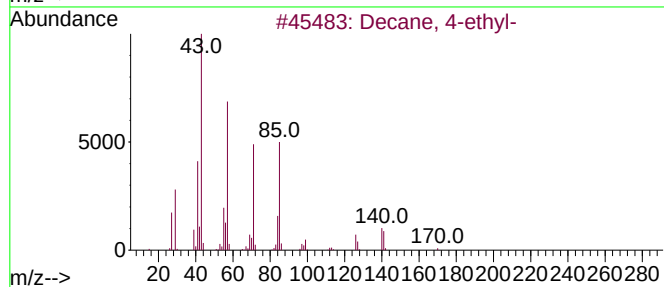
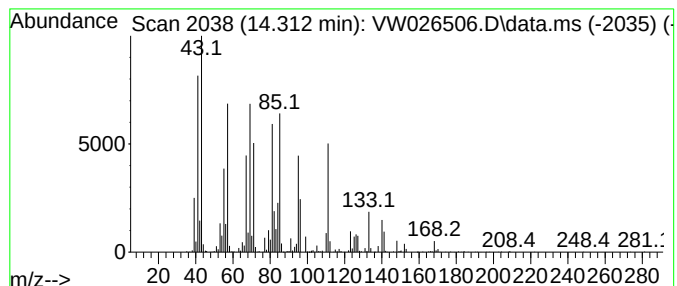
Instrument :
MSVOA_W
ClientSampleId :
A46X7

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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.312	13.19 ug/L	577262	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-		170	C12H26	001636-44-8	89
2	Sulfurous acid, hexyl octyl ester		278	C14H30O3S	1000309-13-0	25
3	Cyclohexanol, 5-methyl-2-(1-meth...		156	C10H20O	002216-52-6	22
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	18
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...		138	C10H18	006069-97-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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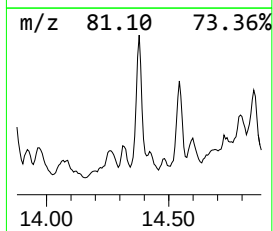
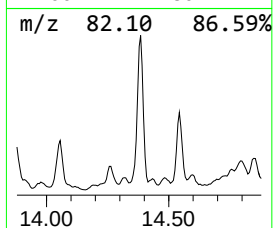
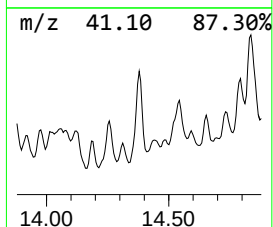
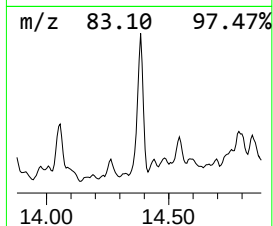
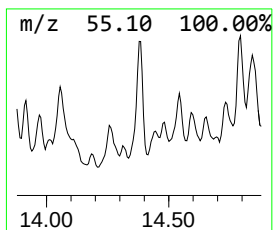
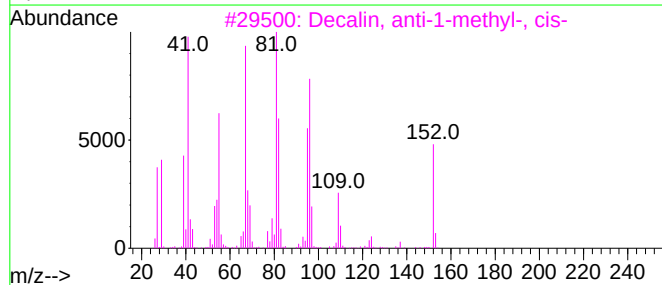
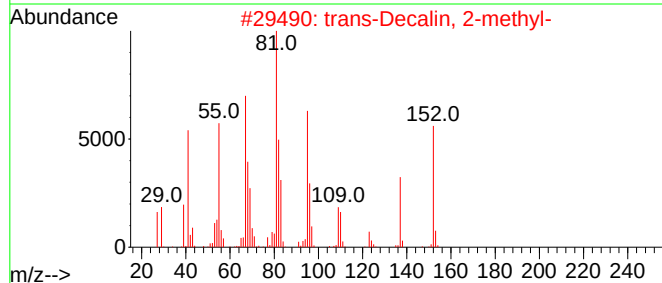
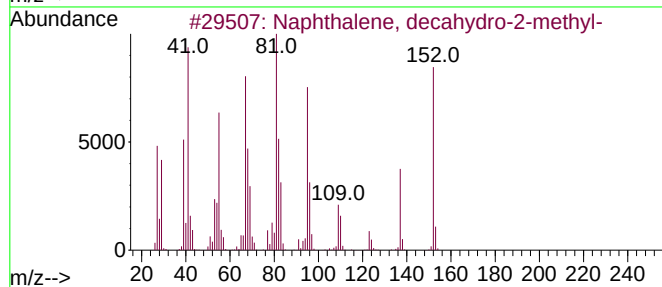
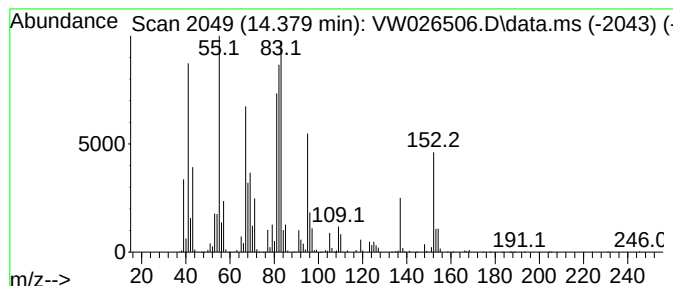
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Quant Title : SFAM01.0

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

Peak Number 27 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	102.76 ug/L	4496910	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	92
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	46
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

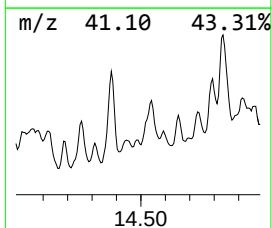
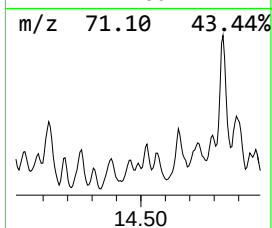
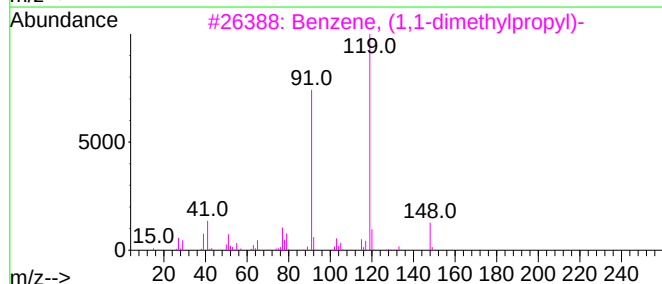
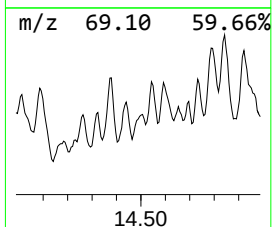
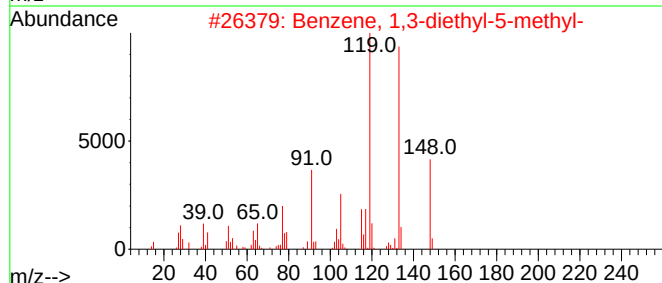
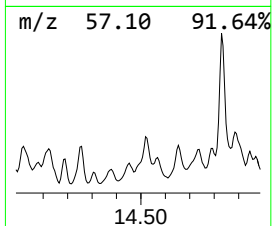
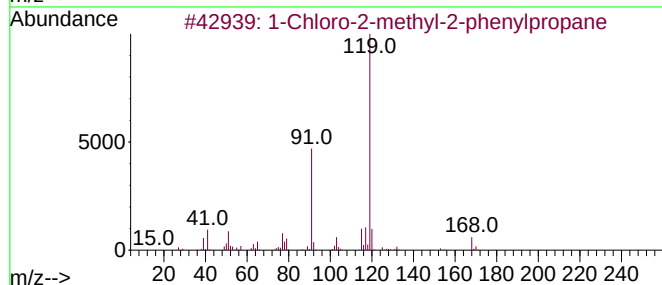
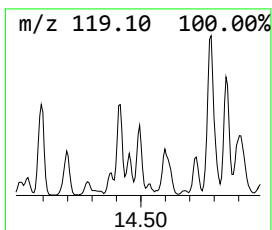
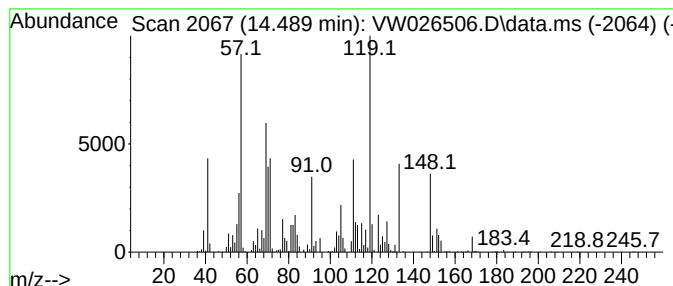
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Quant Title : SFAM01.0

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

Peak Number 28 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	9.01 ug/L	394113	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	35
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	25
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	22
4		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	18
5		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

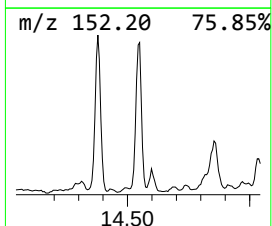
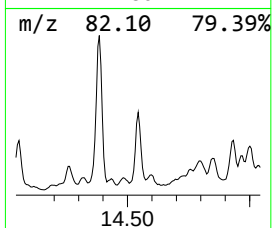
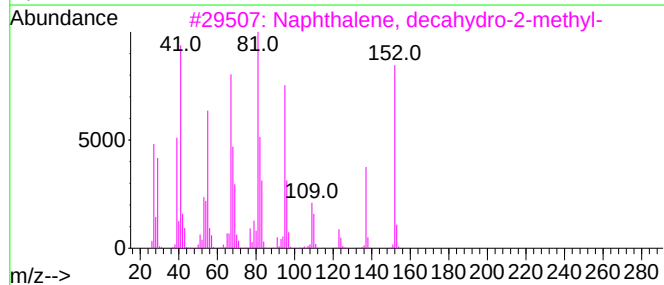
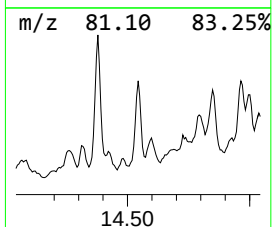
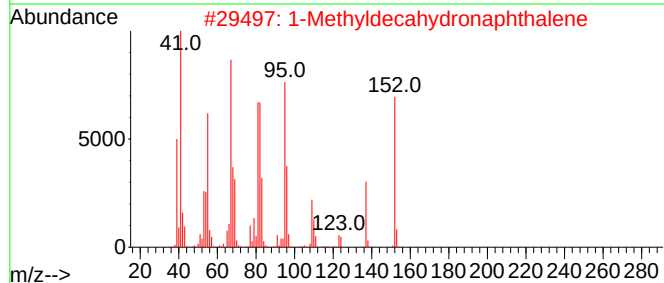
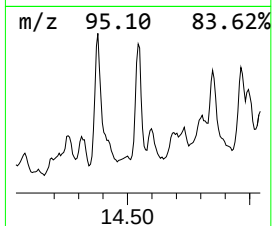
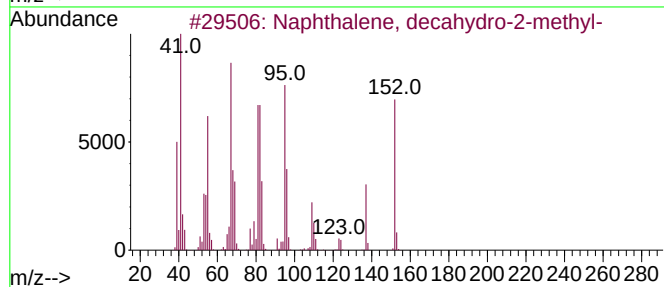
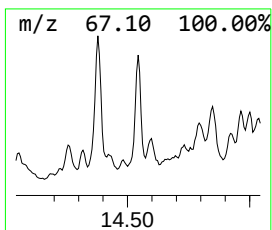
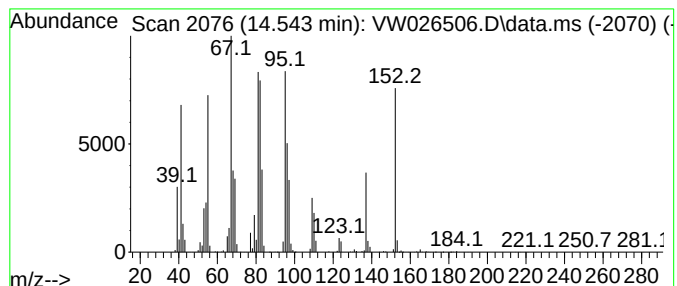
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Quant Title : SFAM01.0

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

Peak Number 29 1-Methyldecahydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	55.88 ug/L	2445220	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	98
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	81
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

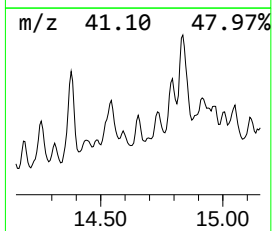
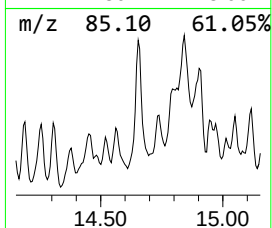
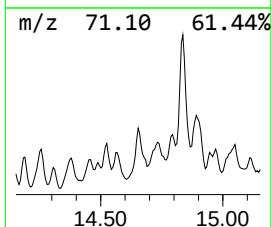
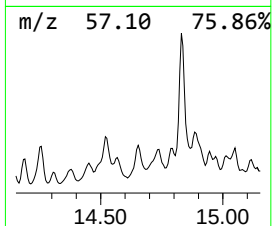
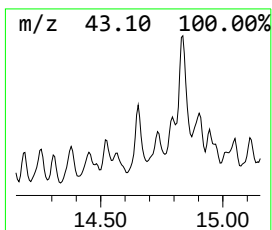
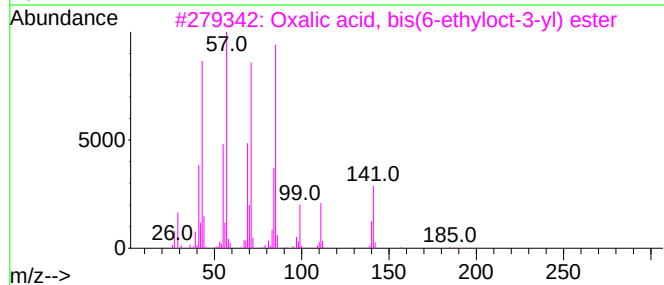
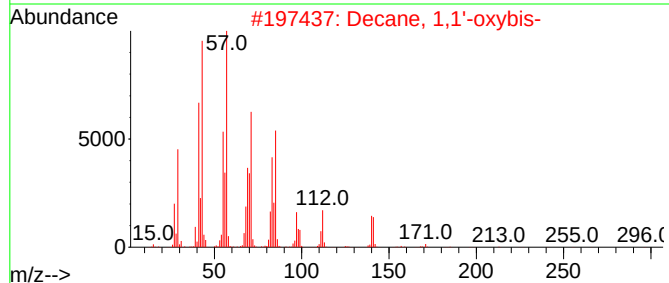
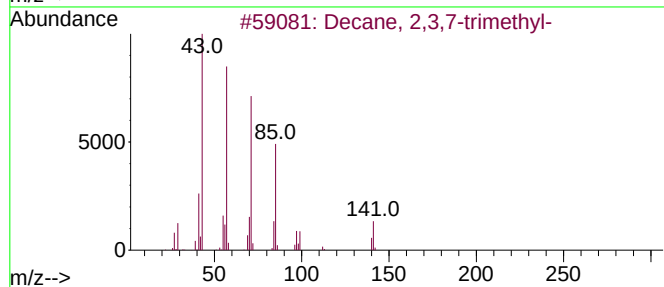
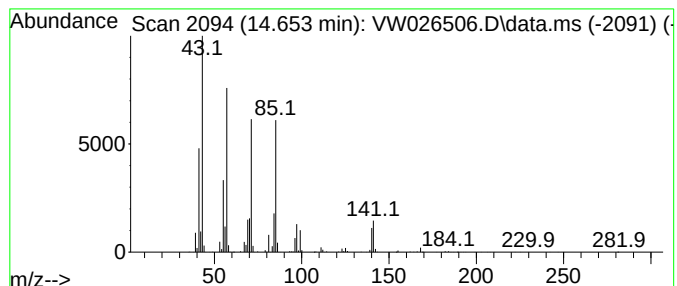
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.653	18.62 ug/L	814795	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, 1,1'-oxybis-		298	C20H42O	002456-28-2	83
3	Oxalic acid, bis(6-ethyloct-3-yl) ester		370	C22H42O4	1000309-34-6	80
4	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	64
5	Decane, 3-bromo-		220	C10H21Br	030571-71-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

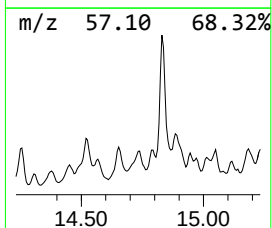
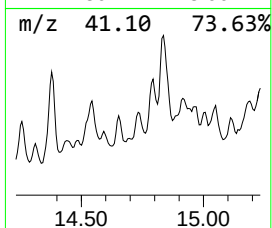
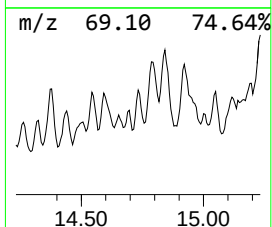
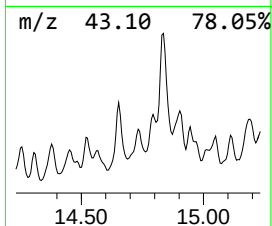
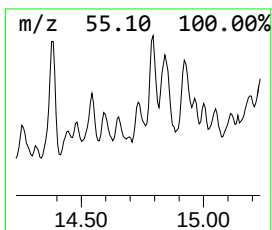
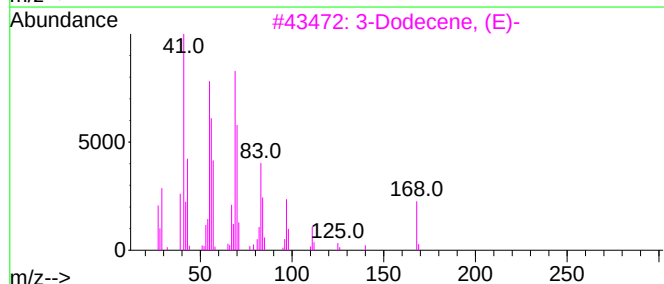
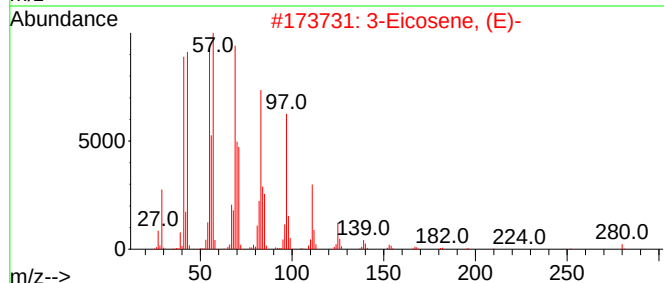
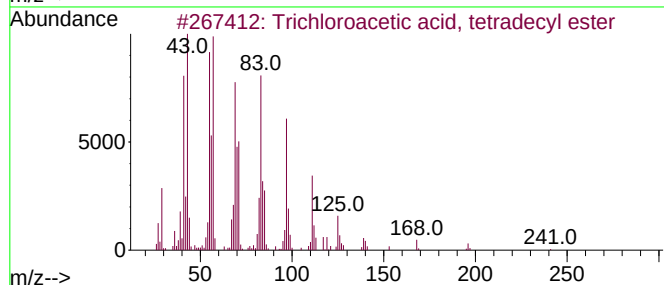
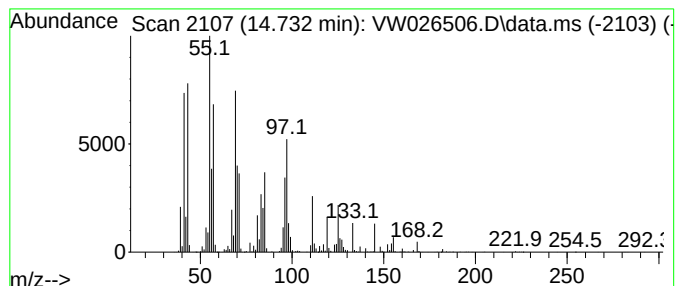
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Quant Title : SFAM01.0

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

Peak Number 31 Trichloroacetic acid, tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	30.39 ug/L	1330070	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	72
3			3-Dodecene, (E)-	168	C12H24	007206-14-6	53
4			1-Tricosene	322	C23H46	018835-32-0	52
5			2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

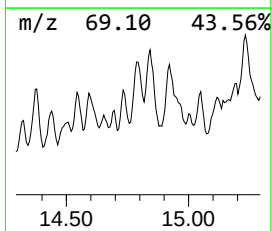
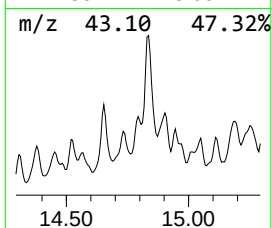
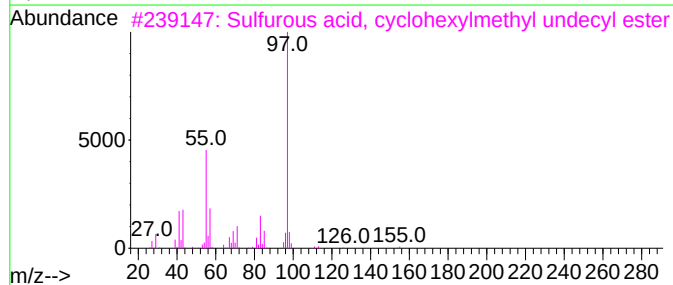
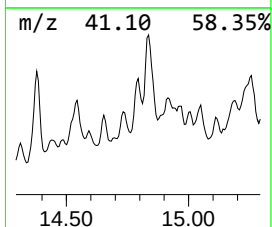
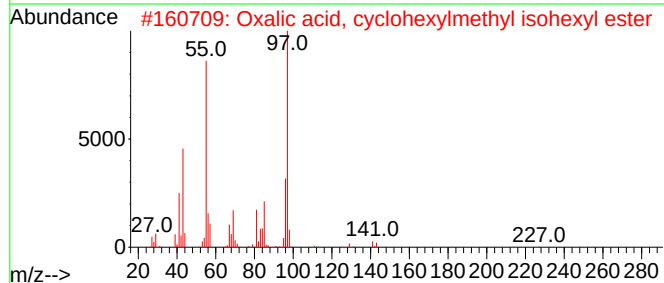
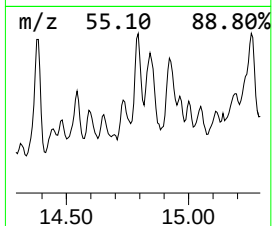
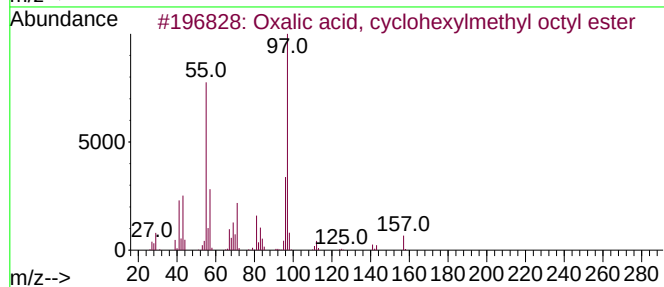
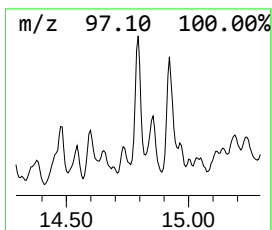
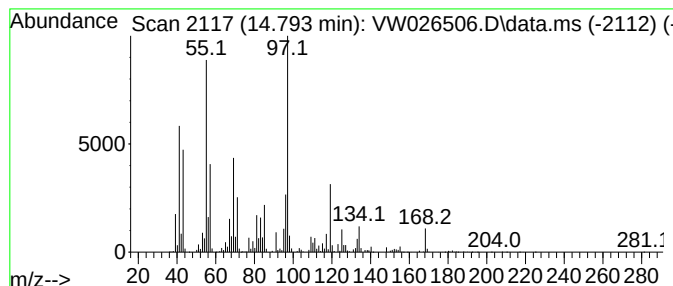
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Quant Title : SFAM01.0

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

Peak Number 32 Oxalic acid, cyclohexylmeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	67.29 ug/L	2944570	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	52
2			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	52
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	52
4			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	50
5			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

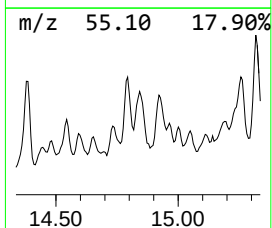
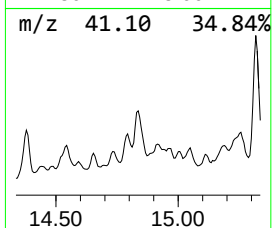
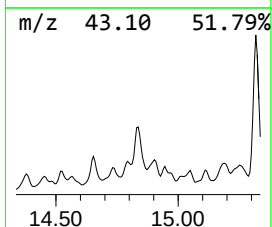
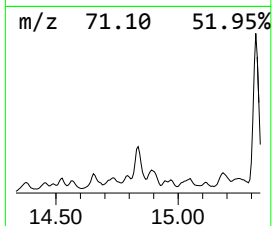
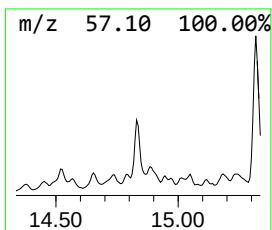
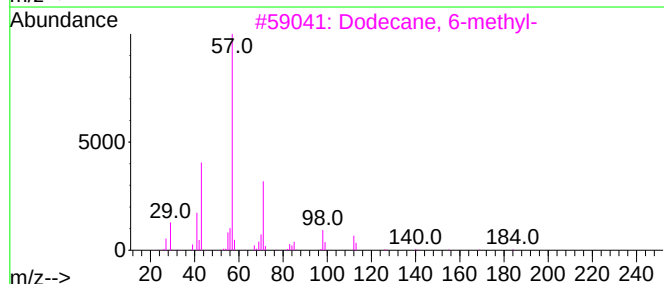
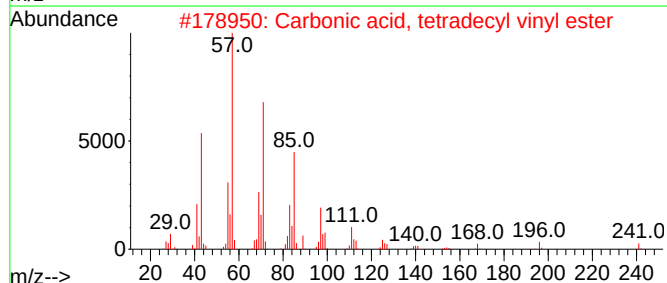
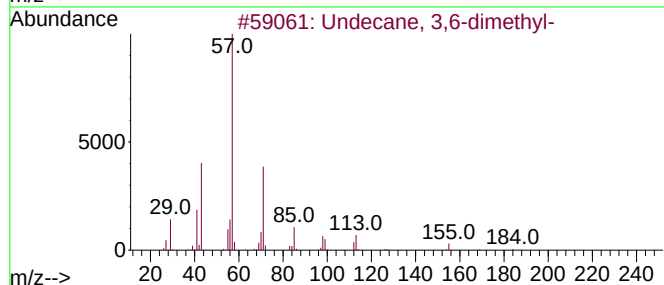
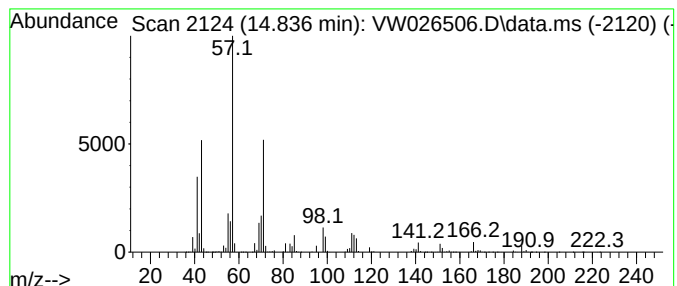
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	106.65 ug/L	4666850	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	72
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	55
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

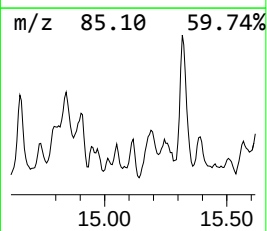
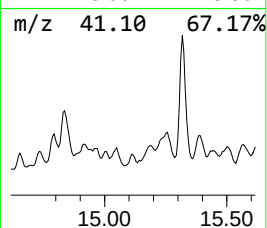
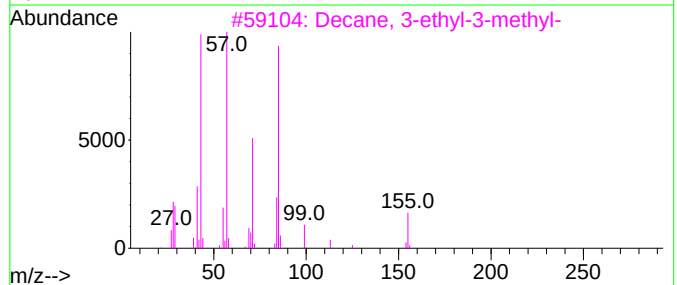
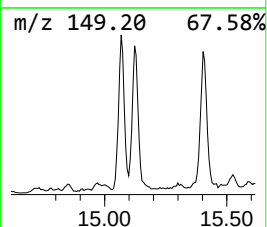
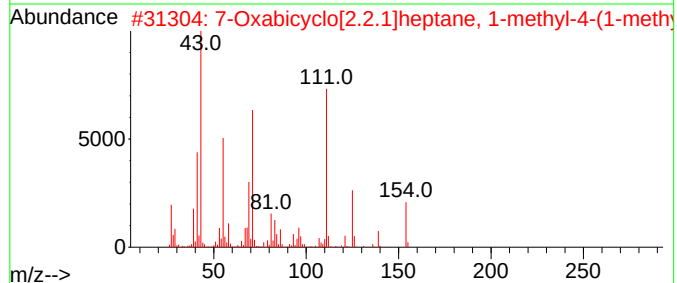
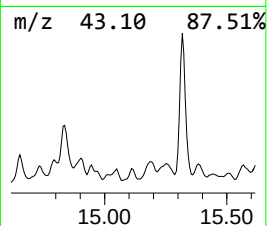
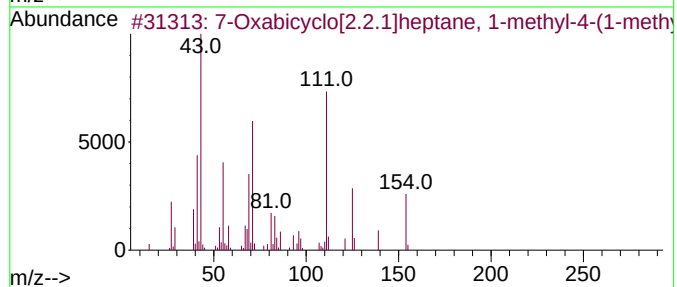
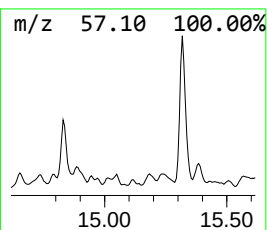
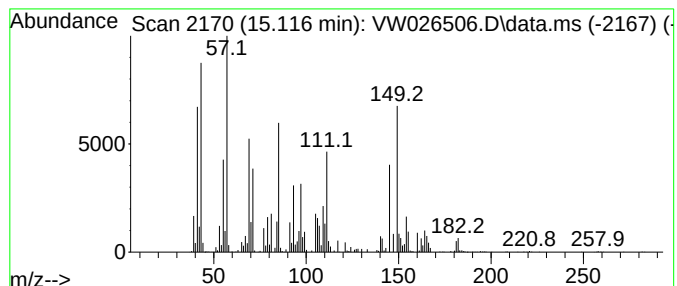
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Quant Title : SFAM01.0

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

Peak Number 34 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	14.02 ug/L	613516	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	25		
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	25		
3	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	22		
4	Undecane, 4-ethyl-	184	C13H28	017312-59-3	22		
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	18		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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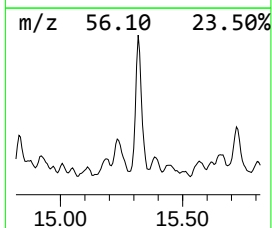
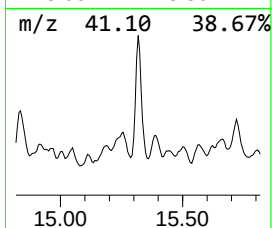
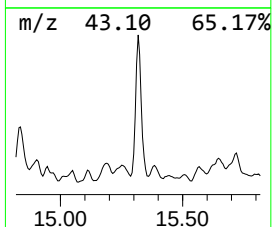
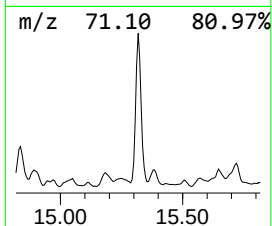
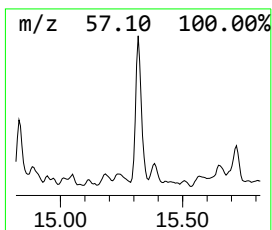
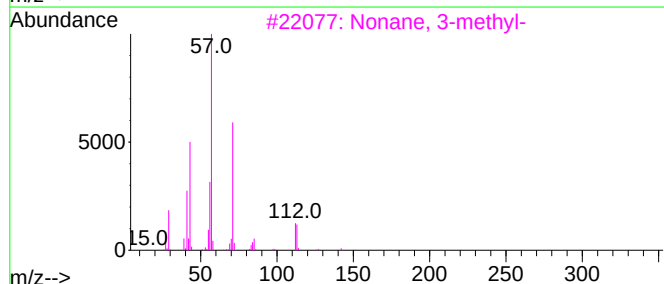
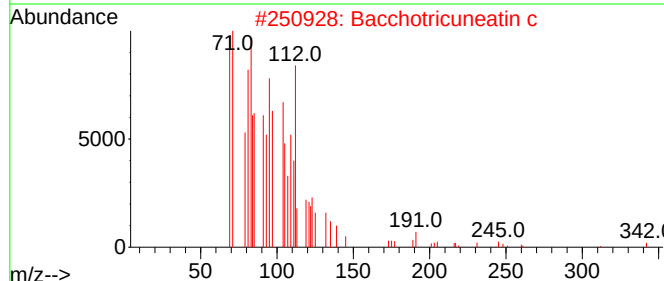
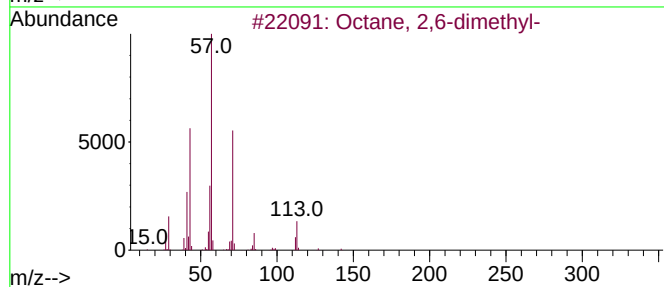
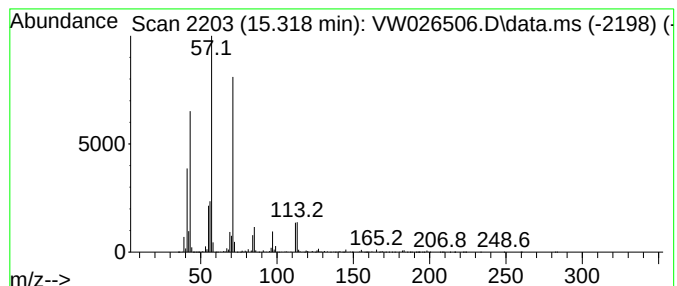
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	215.27 ug/L	9420040	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	83
2		Bacchotricuneatin c	342	C20H2205	066563-30-2	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H3404	1000309-39-0	64
5		Sulfurous acid, octyl 2-propyl e...	236	C11H2403S	1000309-11-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

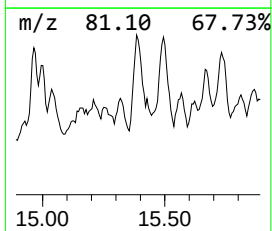
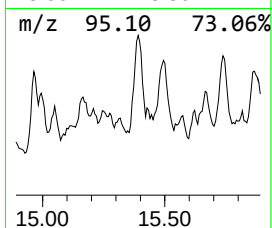
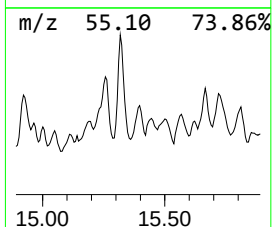
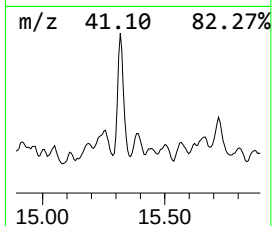
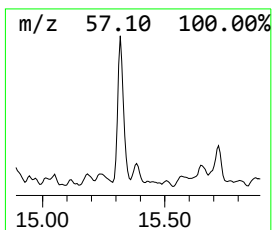
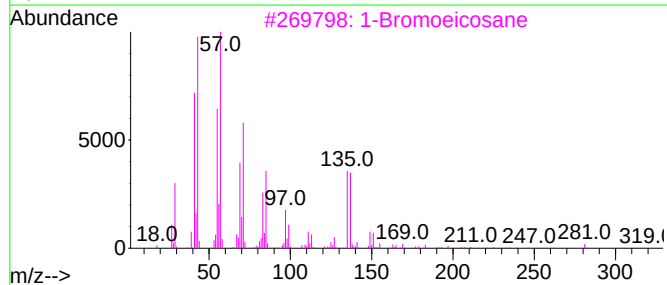
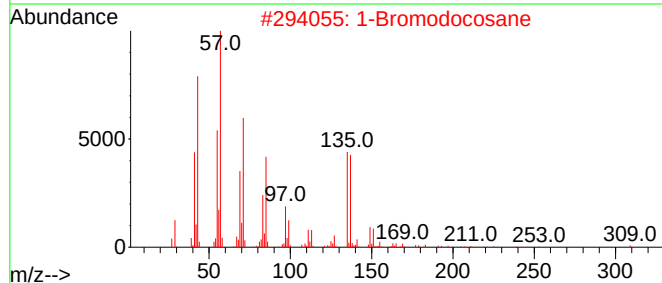
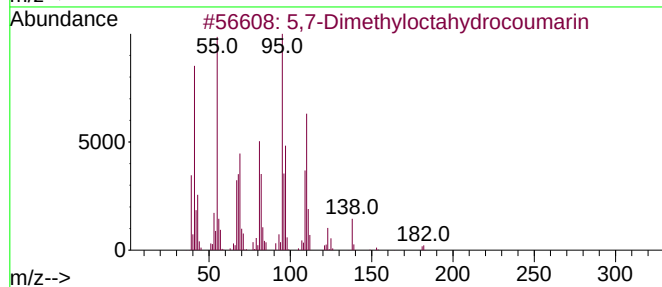
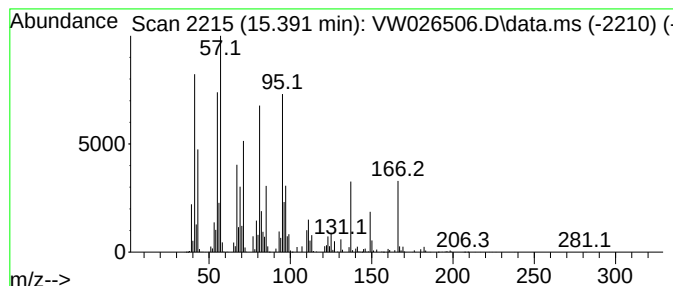
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Quant Title : SFAM01.0

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

Peak Number 36 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	55.33 ug/L	2421180	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	42
2		1-Bromodocosane	388	C22H45Br	006938-66-5	30
3		1-Bromoeicosane	360	C20H41Br	004276-49-7	30
4		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25
5		2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

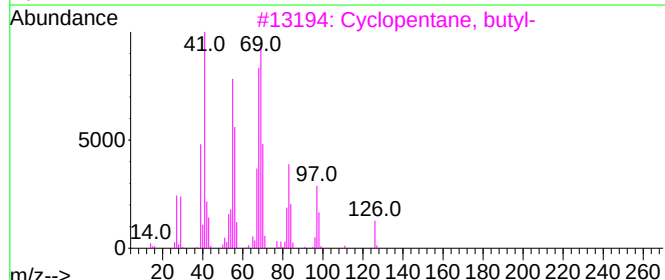
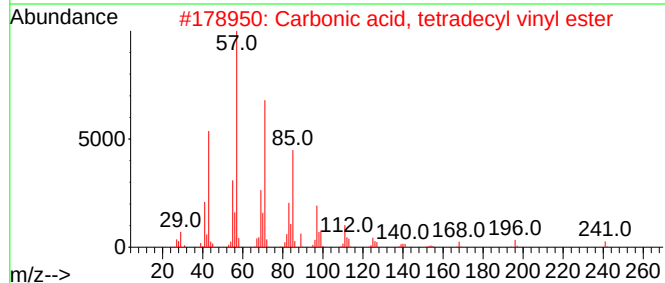
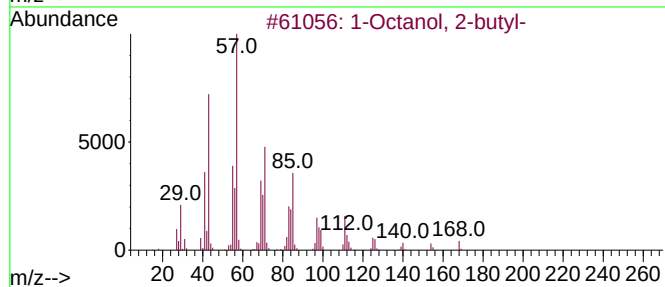
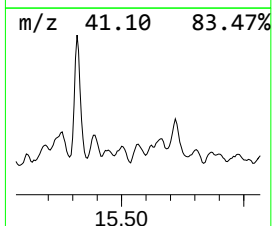
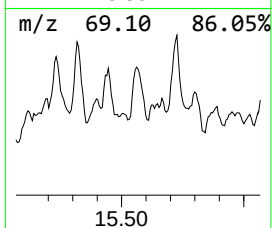
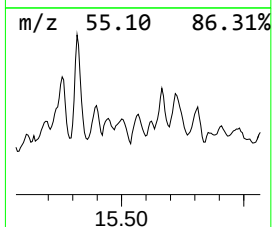
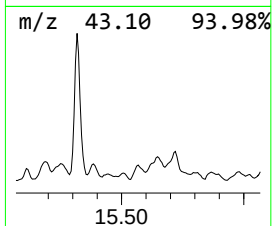
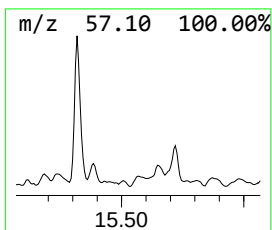
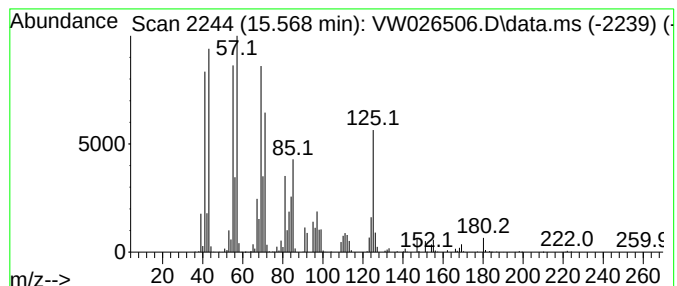
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Quant Title : SFAM01.0

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

Peak Number 37 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	48.51 ug/L	2122600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	45
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	38
3			Cyclopentane, butyl-	126	C9H18	002040-95-1	38
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	27
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

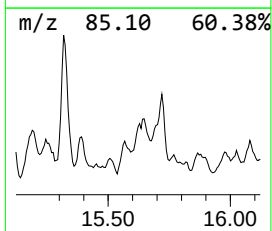
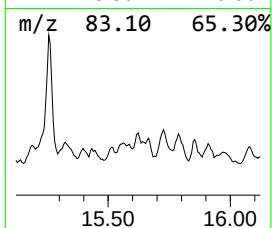
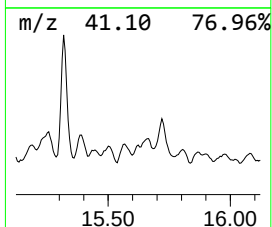
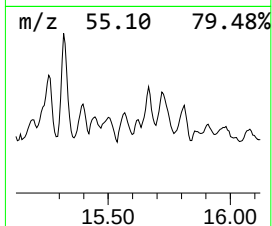
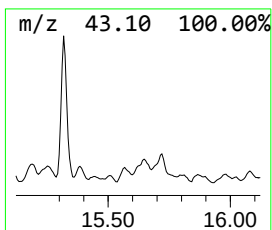
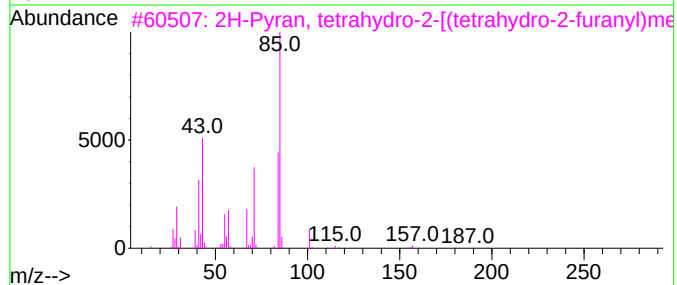
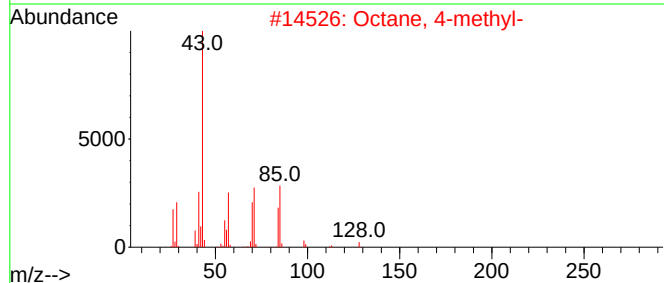
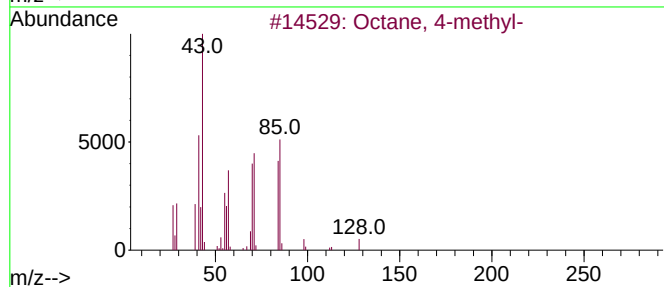
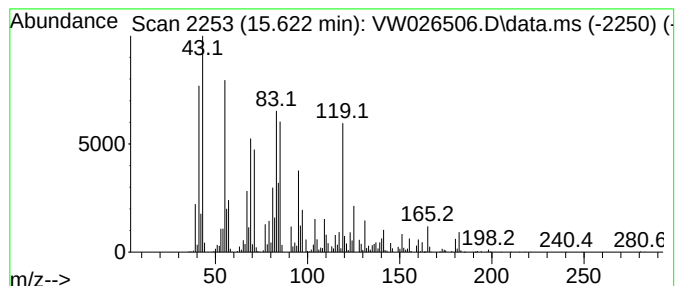
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	18.10 ug/L	792246	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-			128	C9H20	002216-34-4	25
2	Octane, 4-methyl-			128	C9H20	002216-34-4	25
3	2H-Pyran, tetrahydro-2-[(tetrahy...			186	C10H18O3	000710-14-5	22
4	11,13-Dimethyl-12-tetradecen-1-o...			282	C18H34O2	1000130-81-0	14
5	Cyclobutene-3,4-dione, 1-dimethy...			141	C6H7NO3	182881-06-7	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

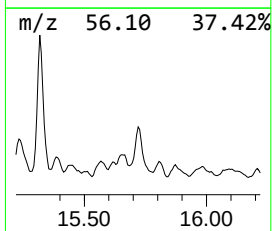
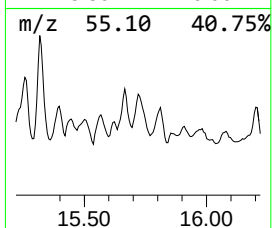
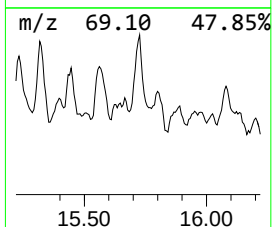
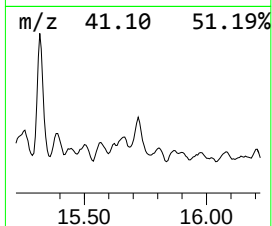
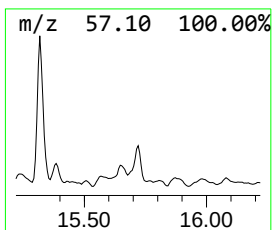
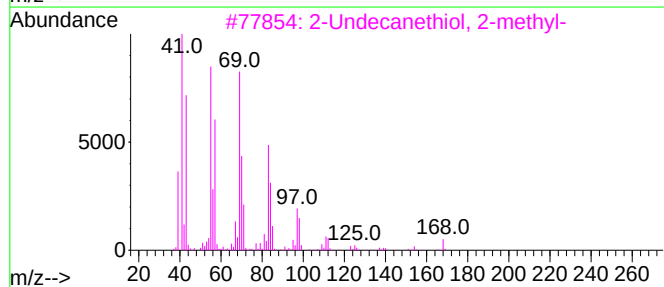
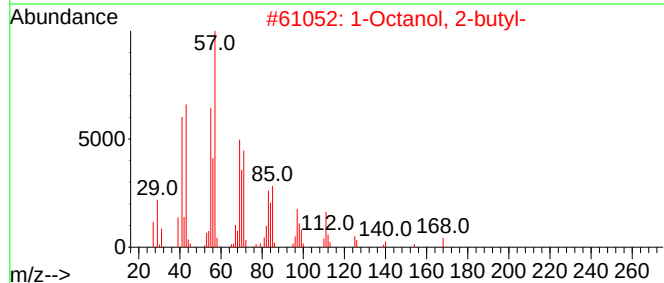
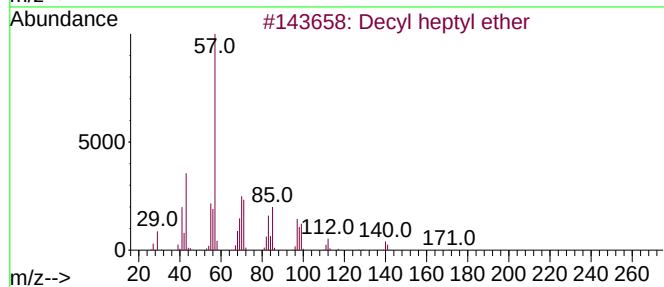
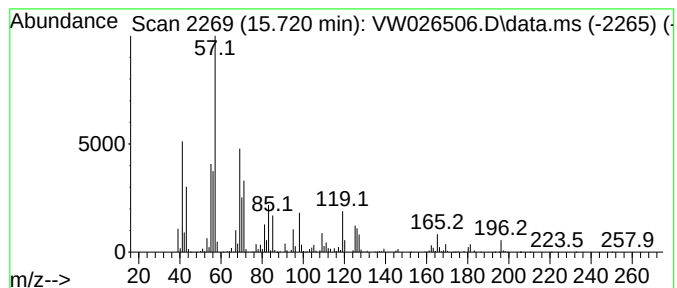
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Quant Title : SFAM01.0

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

Peak Number 39 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	83.38 ug/L	3648830	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decyl heptyl ether	256	C17H36O	1000406-39-1	43
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38
3		2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	38
4		3-Tridecene, (Z)-	182	C13H26	041446-53-1	35
5		1-Tetradecene	196	C14H28	001120-36-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

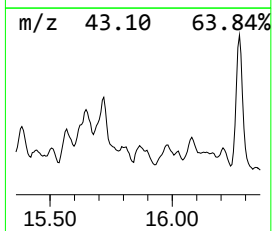
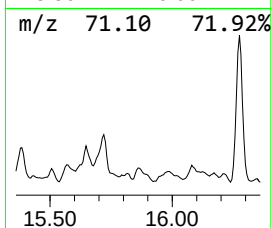
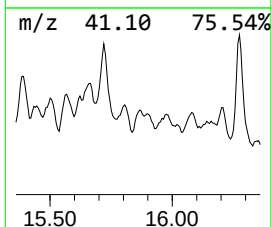
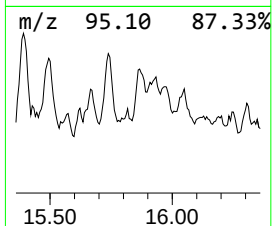
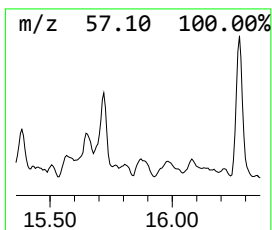
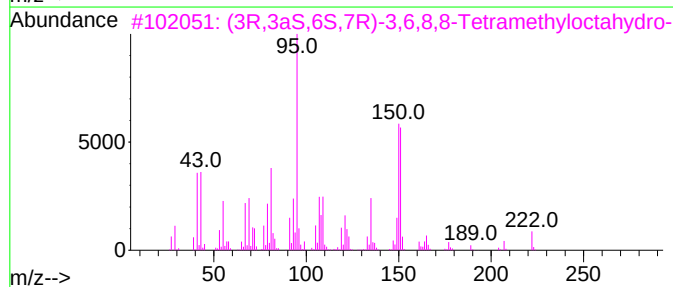
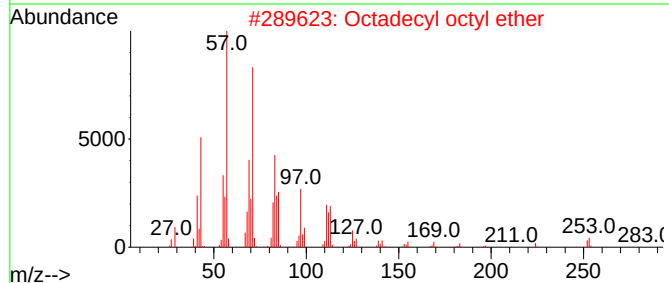
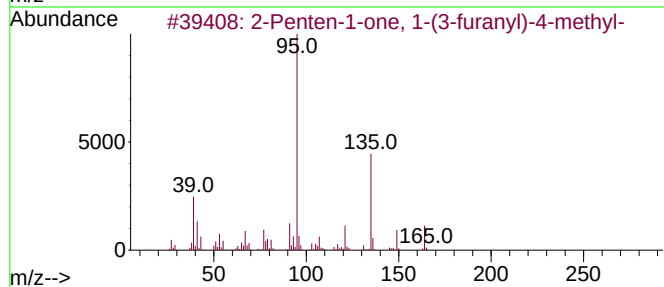
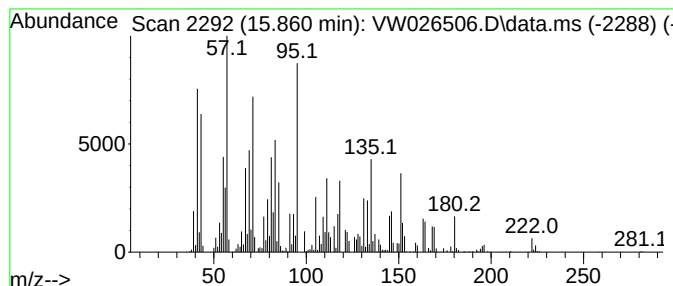
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-08 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	38.26 ug/L	1674060	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Penten-1-one, 1-(3-furanyl)-4-...	164	C10H12O2	034348-59-9	25
2		Octadecyl octyl ether	382	C26H54O	1000406-38-7	25
3		(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	25
4		(+)-2-Bornanone	152	C10H16O	000464-49-3	18
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026506.D
Acq On : 01 Jul 2023 05:36
Operator : SY/MD
Sample : 03501-12
Misc : 4.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X7

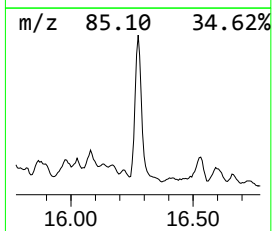
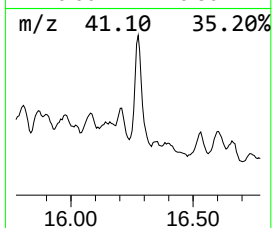
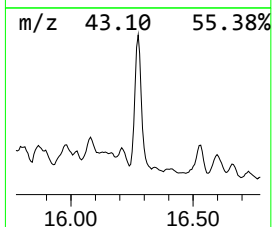
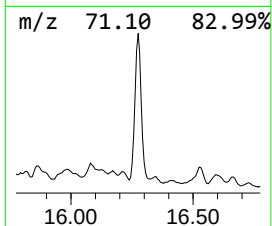
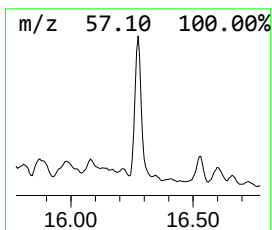
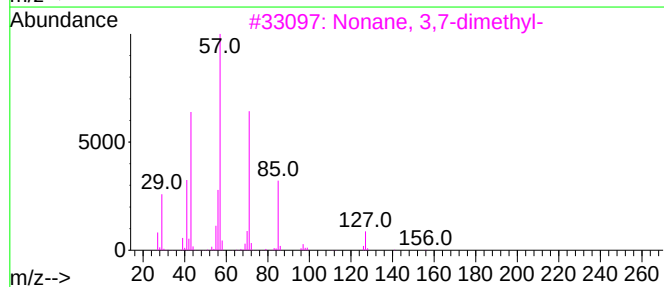
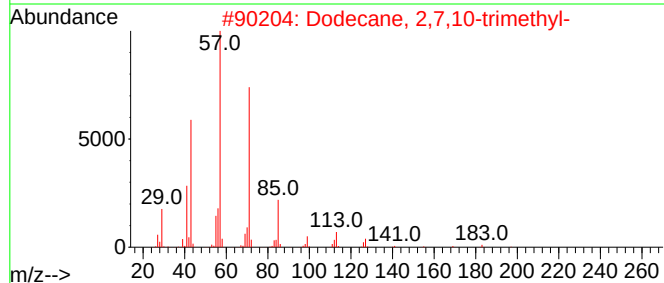
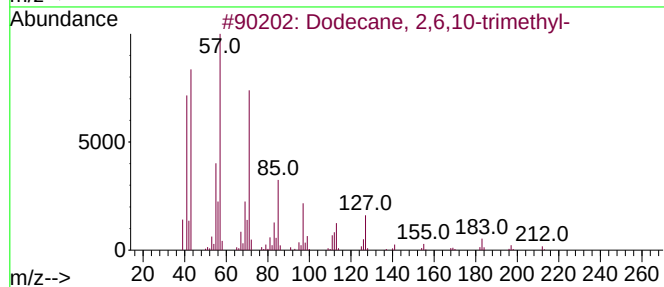
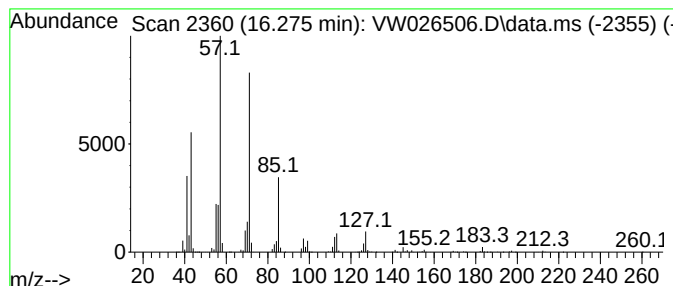
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	129.34 ug/L	5659810	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	91
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026506.D
 Acq On : 01 Jul 2023 05:36
 Operator : SY/MD
 Sample : 03501-12
 Misc : 4.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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
(DEL) Alkane: C...	11.227	1.7	ug/L	164566	2	11.629	2432720	25.0
(DEL) Alkane: C...	11.434	1.6	ug/L	151761	2	11.629	2432720	25.0
(DEL) Alkane: C...	11.867	2.1	ug/L	208867	2	11.629	2432720	25.0
(DEL) Alkane: C...	12.135	5.3	ug/L	517908	2	11.629	2432720	25.0
(DEL) Alkane: S...	12.245	5.4	ug/L	525017	2	11.629	2432720	25.0
(DEL) Alkane: S...	12.355	14.1	ug/L	1368290	2	11.629	2432720	25.0
(DEL) Alkane: C...	12.501	3.2	ug/L	309307	2	11.629	2432720	25.0
(DEL) Alkane: S...	12.611	7.5	ug/L	326354	3	13.556	1094000	25.0
(DEL) Alkane: C...	12.781	12.7	ug/L	556733	3	13.556	1094000	25.0
(DEL) Alkane: C...	12.855	17.0	ug/L	742732	3	13.556	1094000	25.0
(DEL) Alkane: S...	12.928	39.8	ug/L	1739330	3	13.556	1094000	25.0
(DEL) Alkane: S...	13.074	9.7	ug/L	422078	3	13.556	1094000	25.0
unknown-01	13.123	9.1	ug/L	396415	3	13.556	1094000	25.0
Carbonic acid, ...	13.166	13.7	ug/L	597638	3	13.556	1094000	25.0
(DEL) Alkane: S...	13.336	10.4	ug/L	456582	3	13.556	1094000	25.0
(DEL) Alkane: C...	13.373	3.5	ug/L	155422	3	13.556	1094000	25.0
(DEL) Alkane: C...	13.446	34.7	ug/L	1518590	3	13.556	1094000	25.0
unknown-02	13.477	10.9	ug/L	476739	3	13.556	1094000	25.0
(DEL) Alkane: C...	13.690	19.3	ug/L	844991	3	13.556	1094000	25.0
Sulfurous acid,...	13.916	18.5	ug/L	810137	3	13.556	1094000	25.0
(DEL) Alkane: C...	13.976	22.2	ug/L	972241	3	13.556	1094000	25.0
(DEL) Alkane: S...	14.019	9.9	ug/L	432812	3	13.556	1094000	25.0
(DEL) Alkane: S...	14.190	23.9	ug/L	1047370	3	13.556	1094000	25.0
Dodecyl octyl e...	14.257	36.6	ug/L	1603740	3	13.556	1094000	25.0
(DEL) Alkane: S...	14.312	13.2	ug/L	577262	3	13.556	1094000	25.0
Naphthalene, de...	14.379	102.8	ug/L	4496910	3	13.556	1094000	25.0
unknown-03	14.489	9.0	ug/L	394113	3	13.556	1094000	25.0
1-Methyldecahyd...	14.543	55.9	ug/L	2445220	3	13.556	1094000	25.0
(DEL) Alkane: S...	14.653	18.6	ug/L	814795	3	13.556	1094000	25.0
Trichloroacetic...	14.732	30.4	ug/L	1330070	3	13.556	1094000	25.0
Oxalic acid, cy...	14.793	67.3	ug/L	2944570	3	13.556	1094000	25.0
(DEL) Alkane: S...	14.836	106.7	ug/L	4666850	3	13.556	1094000	25.0
unknown-04	15.117	14.0	ug/L	613516	3	13.556	1094000	25.0
(DEL) Alkane: S...	15.318	215.3	ug/L	9420040	3	13.556	1094000	25.0
unknown-05	15.391	55.3	ug/L	2421180	3	13.556	1094000	25.0
unknown-06	15.568	48.5	ug/L	2122600	3	13.556	1094000	25.0
(DEL) Alkane: S...	15.623	18.1	ug/L	792246	3	13.556	1094000	25.0
unknown-07	15.720	83.4	ug/L	3648830	3	13.556	1094000	25.0
unknown-08	15.860	38.3	ug/L	1674060	3	13.556	1094000	25.0
(DEL) Alkane: S...	16.275	129.3	ug/L	5659810	3	13.556	1094000	25.0