

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
 Data File : VW030162.D
 Acq On : 19 Sep 2024 20:56
 Operator : SY/MD
 Sample : P4109-08
 Misc : 5.11g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EK0

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\SFAMWLM091624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030162.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	43	47	51	rVB5	2116	3437	0.26%	0.021%
2	2.363	67	78	92	rVV	70289	157125	11.87%	0.981%
3	2.686	130	131	138	rVB4	892	1362	0.10%	0.009%
4	2.899	157	166	182	rVB	47613	137111	10.36%	0.856%
5	3.393	240	247	255	rVB3	1528	3765	0.28%	0.024%
6	4.021	338	350	362	rBV2	144732	429828	32.47%	2.685%
7	4.137	362	369	388	rVB2	31053	102876	7.77%	0.643%
8	4.387	403	410	418	rBV2	3947	10591	0.80%	0.066%
9	4.917	486	497	514	rBV2	11955	43998	3.32%	0.275%
10	5.789	632	640	650	rBV3	2951	8804	0.67%	0.055%
11	5.941	656	665	671	rBV5	2049	6573	0.50%	0.041%
12	6.996	830	838	844	rVB5	738	1921	0.15%	0.012%
13	7.081	844	852	861	rBV2	32524	95807	7.24%	0.598%
14	7.179	862	868	882	rVB2	15773	46738	3.53%	0.292%
15	7.648	934	945	957	rBV	230166	557466	42.11%	3.482%
16	7.935	983	992	993	rBV4	1586	3234	0.24%	0.020%
17	8.039	1001	1009	1015	rVB5	1428	3498	0.26%	0.022%
18	8.154	1018	1028	1036	rBV4	3600	8864	0.67%	0.055%
19	8.276	1038	1048	1065	rBV2	452212	1323852	100.00%	8.268%
20	8.435	1068	1074	1077	rBV5	1679	3578	0.27%	0.022%
21	8.477	1077	1081	1085	rBV3	1804	3027	0.23%	0.019%
22	8.569	1092	1096	1103	rVB8	2539	5295	0.40%	0.033%
23	8.697	1110	1117	1125	rBV6	1807	4648	0.35%	0.029%
24	8.843	1130	1141	1150	rBV	598201	1194529	90.23%	7.461%
25	9.081	1173	1180	1181	rBV5	2827	4964	0.37%	0.031%
26	9.136	1188	1189	1196	rVB4	1180	1624	0.12%	0.010%
27	9.270	1202	1211	1219	rBV	298851	610857	46.14%	3.815%
28	9.380	1226	1229	1237	rVB5	5768	10677	0.81%	0.067%
29	9.599	1257	1265	1272	rBV8	5243	12788	0.97%	0.080%
30	9.752	1283	1290	1298	rVB3	9873	20469	1.55%	0.128%
31	9.892	1306	1313	1318	rBV	8243	16228	1.23%	0.101%
32	9.941	1318	1321	1325	rBV5	1883	2721	0.21%	0.017%
33	9.989	1325	1329	1330	rBV2	3858	4445	0.34%	0.028%
34	10.032	1330	1336	1343	rBV	121363	214871	16.23%	1.342%
35	10.124	1349	1351	1359	rVB4	6350	10754	0.81%	0.067%
36	10.209	1360	1365	1367	rBV6	2931	4692	0.35%	0.029%

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Integrator: RTE

Smoothing : OFF

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Title : SFAM01.0

37	10.239	1368	1370	1376	rVB3	3048	4522	0.34%	0.028%
38	10.319	1376	1383	1398	rBV	545122	994830	75.15%	6.213%
39	10.441	1400	1403	1406	rBV4	3146	3829	0.29%	0.024%
40	10.495	1406	1412	1419	rVB5	9545	25332	1.91%	0.158%
41	10.575	1419	1425	1435	rBV2	69858	138985	10.50%	0.868%
42	10.660	1435	1439	1443	rBV2	11172	18090	1.37%	0.113%
43	10.697	1443	1445	1450	rVB2	7135	10286	0.78%	0.064%
44	10.758	1450	1455	1459	rBV5	8322	16251	1.23%	0.101%
45	10.794	1459	1461	1465	rVB3	3283	3967	0.30%	0.025%
46	10.843	1465	1469	1475	rVB2	10851	17964	1.36%	0.112%
47	10.922	1475	1482	1491	rBV2	163737	304655	23.01%	1.903%
48	11.032	1495	1500	1508	rVB2	19370	38768	2.93%	0.242%
49	11.111	1508	1513	1516	rBV2	8485	13978	1.06%	0.087%
50	11.178	1519	1524	1527	rBV	16921	25766	1.95%	0.161%
51	11.227	1527	1532	1538	rBV2	52676	88750	6.70%	0.554%
52	11.282	1538	1541	1544	rBV5	6943	10621	0.80%	0.066%
53	11.337	1544	1550	1553	rBV3	34855	62040	4.69%	0.387%
54	11.434	1562	1566	1573	rVB2	33137	62459	4.72%	0.390%
55	11.507	1573	1578	1583	rVB2	16521	23931	1.81%	0.149%
56	11.629	1590	1598	1607	rBV	576031	968045	73.12%	6.046%
57	11.763	1616	1620	1623	rBV	15344	22307	1.69%	0.139%
58	11.812	1623	1628	1633	rBV4	17820	33909	2.56%	0.212%
59	11.873	1633	1638	1641	rBV	46957	81748	6.18%	0.511%
60	11.977	1649	1655	1657	rBV4	16808	31886	2.41%	0.199%
61	12.056	1664	1668	1673	rVB3	23625	39939	3.02%	0.249%
62	12.135	1673	1681	1686	rBV4	80239	187891	14.19%	1.174%
63	12.245	1692	1699	1704	rVB	110517	203808	15.40%	1.273%
64	12.361	1704	1718	1726	rBV4	150039	532150	40.20%	3.324%
65	12.446	1729	1732	1734	rVV3	33337	51635	3.90%	0.322%
66	12.495	1735	1740	1749	rVB5	71068	170853	12.91%	1.067%
67	12.611	1753	1759	1765	rVB5	50194	114389	8.64%	0.714%
68	12.690	1765	1772	1777	rBV	200145	375911	28.40%	2.348%
69	12.776	1782	1786	1792	rVB	122042	217519	16.43%	1.359%
70	12.855	1792	1799	1803	rBV5	66566	152863	11.55%	0.955%
71	12.934	1805	1812	1818	rVV6	140594	391531	29.58%	2.445%
72	12.989	1818	1821	1825	rVB3	72543	107096	8.09%	0.669%
73	13.074	1831	1835	1839	rBV3	75772	110709	8.36%	0.691%
74	13.117	1839	1842	1846	rBV4	49808	83293	6.29%	0.520%
75	13.166	1846	1850	1856	rVV5	39954	94403	7.13%	0.590%
76	13.257	1862	1865	1866	rBV2	21703	22824	1.72%	0.143%

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 Title : SFAM01.0

77	13.288	1866	1870	1875	rVV	79458	121489	9.18%	0.759%
78	13.336	1875	1878	1882	rVV3	57700	80006	6.04%	0.500%
79	13.440	1887	1895	1899	rVV6	165178	390180	29.47%	2.437%
80	13.477	1899	1901	1906	rVV5	70366	98720	7.46%	0.617%
81	13.556	1908	1914	1926	rVB	261826	499234	37.71%	3.118%
82	13.690	1931	1936	1941	rBV5	68401	130897	9.89%	0.818%
83	13.867	1957	1965	1970	rBV2	214380	638777	48.25%	3.990%
84	13.916	1970	1973	1978	rVB3	74681	107906	8.15%	0.674%
85	13.970	1979	1982	1986	rBV3	61995	96293	7.27%	0.601%
86	14.184	2014	2017	2022	rBV5	44236	76221	5.76%	0.476%
87	14.257	2025	2029	2034	rVB4	86737	141634	10.70%	0.885%
88	14.312	2034	2038	2042	rBV4	39410	54302	4.10%	0.339%
89	14.379	2044	2049	2054	rVV2	186856	302535	22.85%	1.890%
90	14.489	2063	2067	2072	rBV4	62867	148427	11.21%	0.927%
91	14.543	2073	2076	2080	rVB2	97720	138182	10.44%	0.863%
92	14.653	2091	2094	2098	rVB3	31762	38943	2.94%	0.243%
93	14.732	2103	2107	2112	rBV6	52753	94805	7.16%	0.592%
94	14.793	2113	2117	2120	rVV3	98035	183114	13.83%	1.144%
95	14.836	2120	2124	2130	rVB4	136537	282520	21.34%	1.765%
96	15.318	2198	2203	2209	rVB	383591	621114	46.92%	3.879%
97	15.391	2210	2215	2220	rBV6	57990	129488	9.78%	0.809%
98	15.623	2250	2253	2255	rBV3	32464	48099	3.63%	0.300%
99	15.720	2265	2269	2276	rVB6	101002	197772	14.94%	1.235%
100	16.269	2354	2359	2369	rVB	231741	457559	34.56%	2.858%

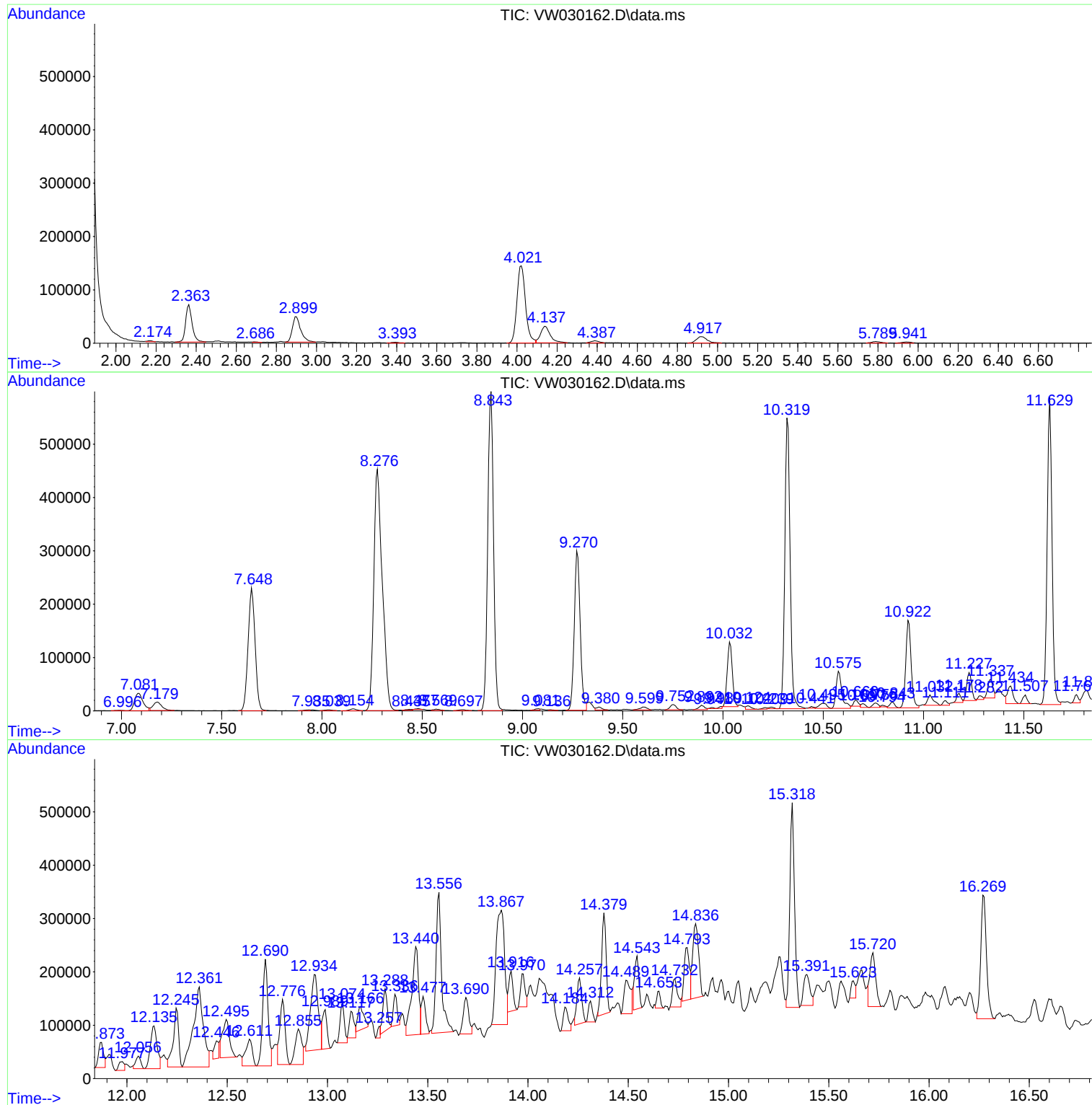
Sum of corrected areas: 16010967

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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A4EK0

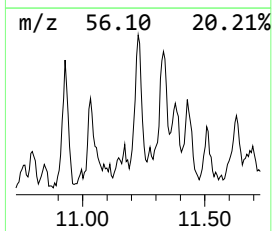
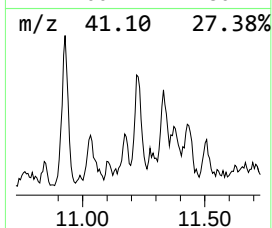
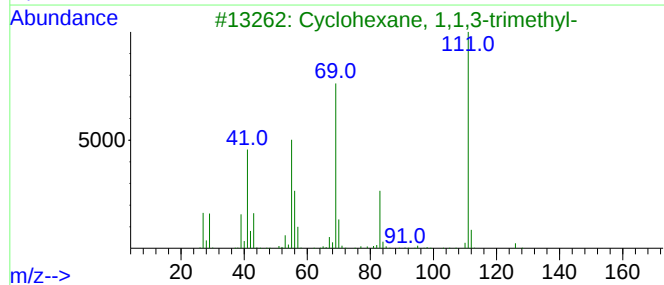
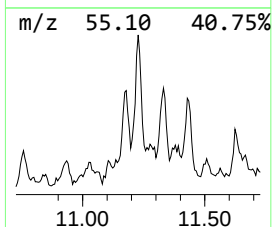
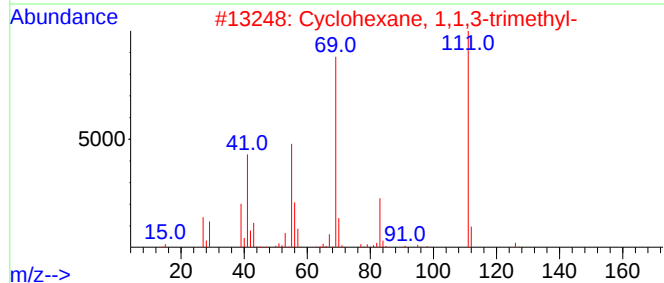
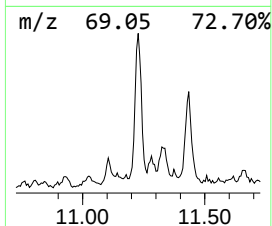
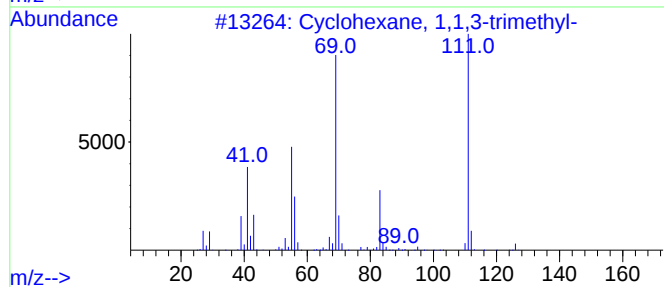
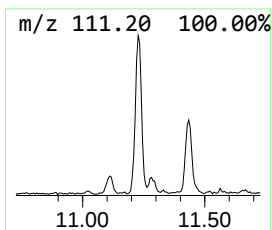
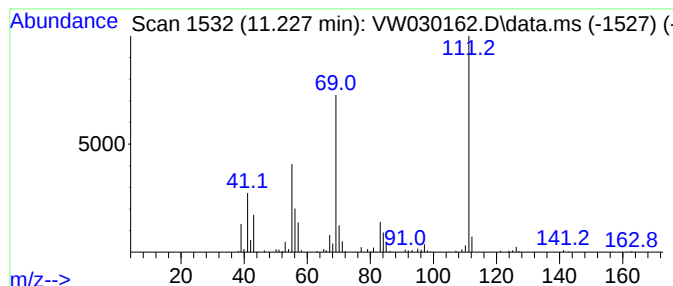
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic11.227 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.29 ug/L	88750	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5			Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	64



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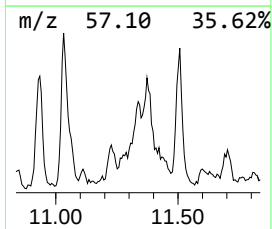
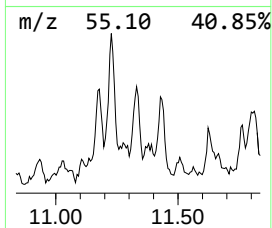
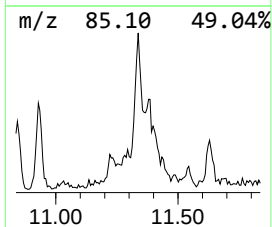
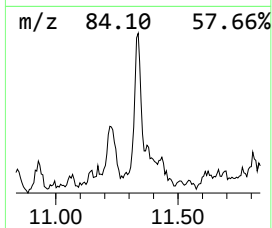
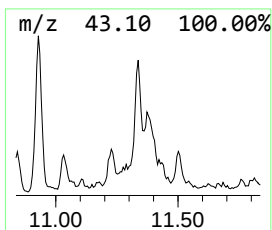
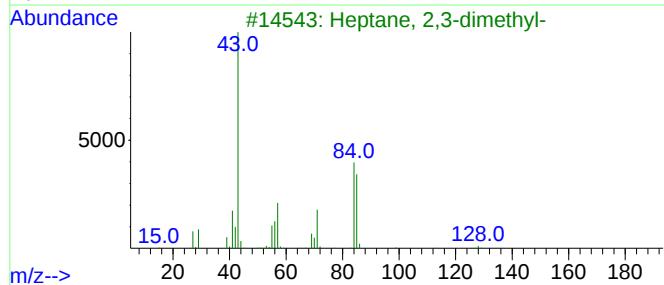
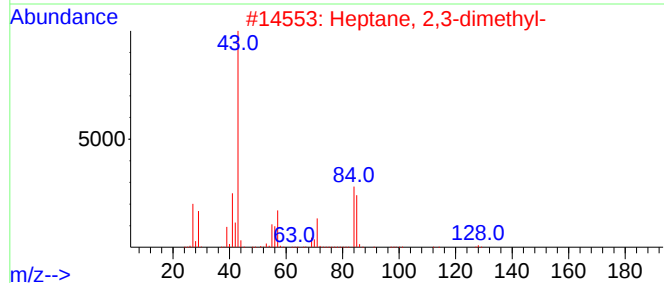
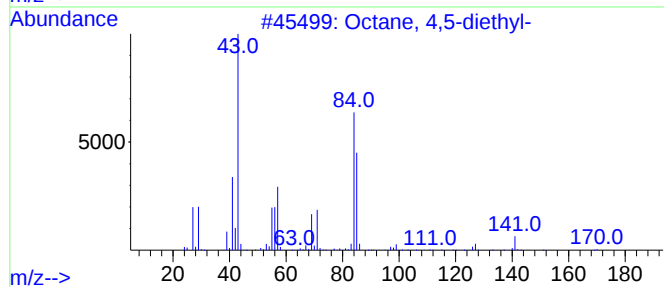
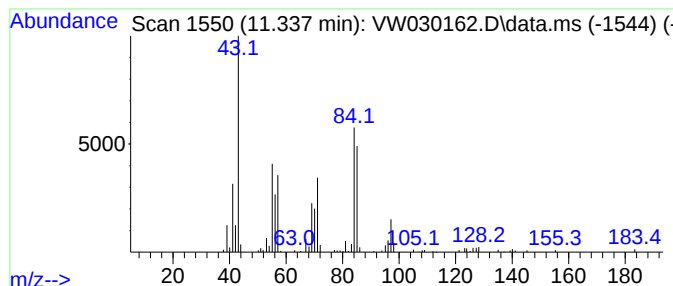
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.337	1.60 ug/L	62040	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-diethyl-	170	C12H26	001636-41-5	53
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
5	Hexanal, 3,3-dimethyl-	128	C8H16O	055320-57-5	50



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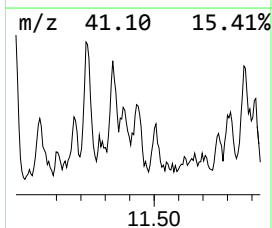
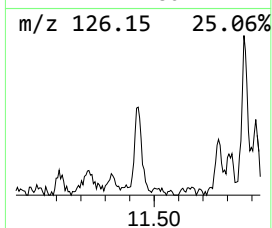
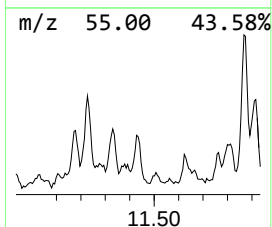
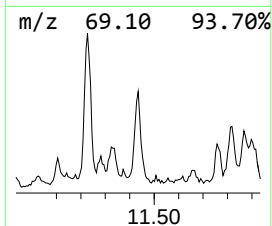
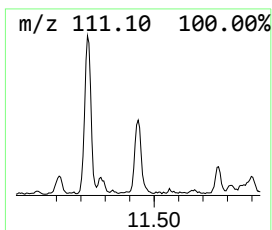
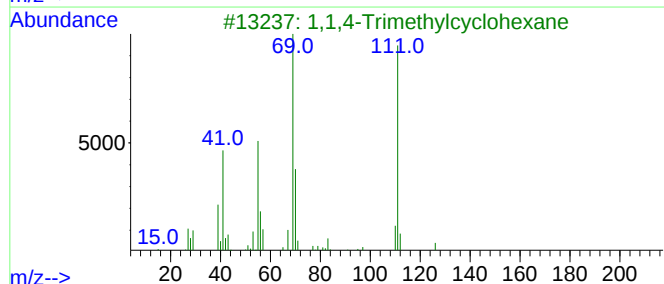
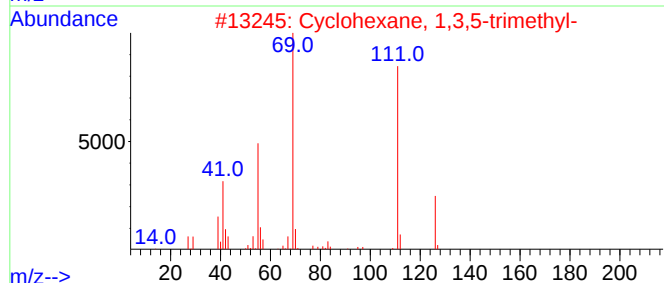
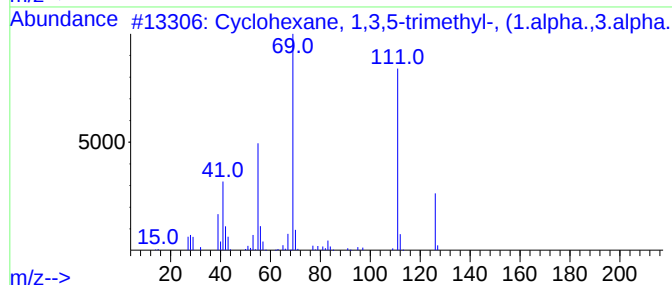
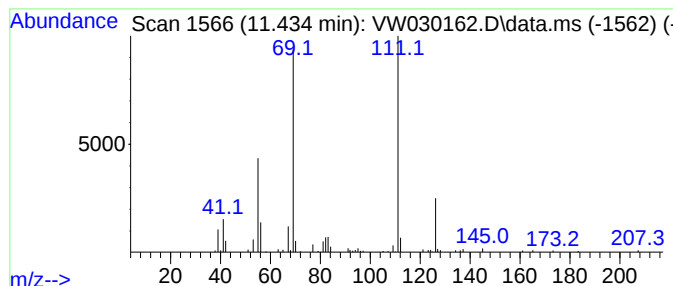
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.434 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	1.61 ug/L	62459	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	78
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

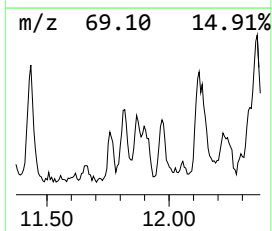
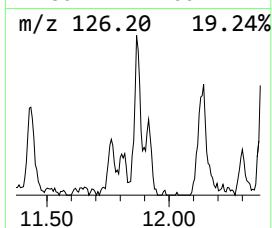
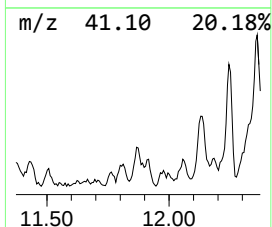
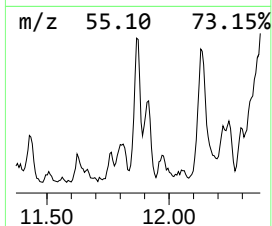
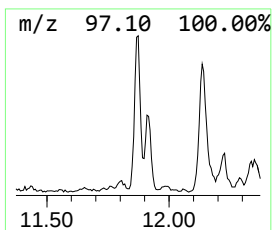
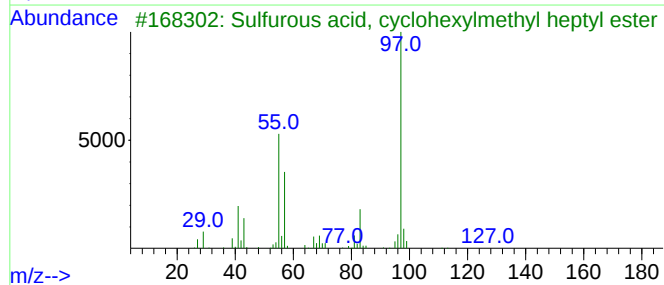
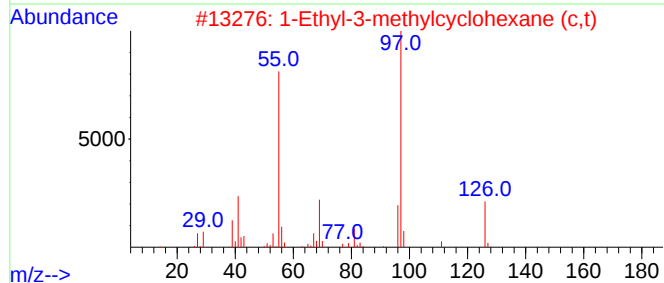
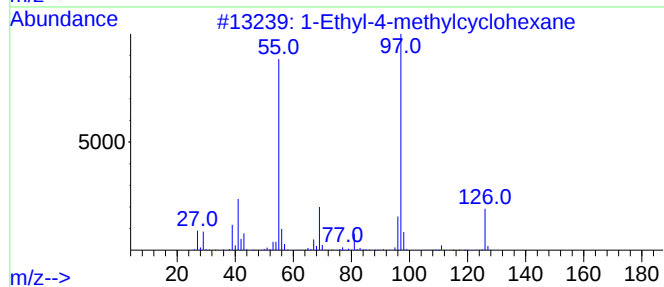
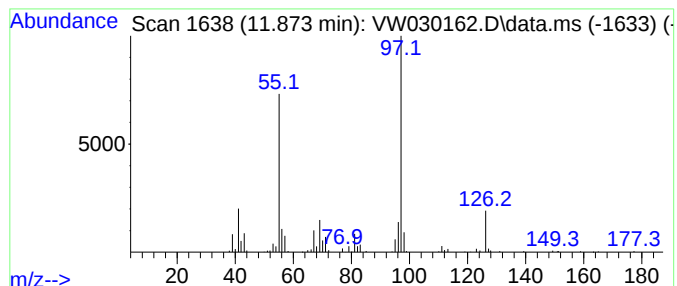
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.873 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	2.11 ug/L	81748	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
3			Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	72
4			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	72
5			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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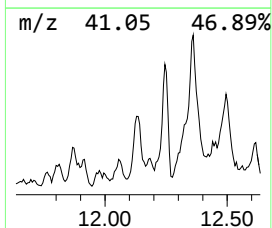
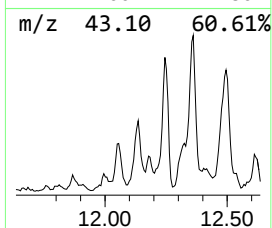
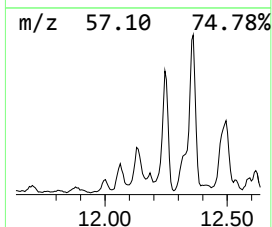
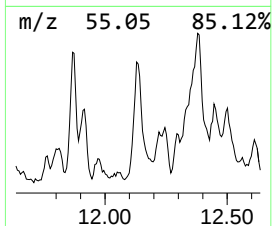
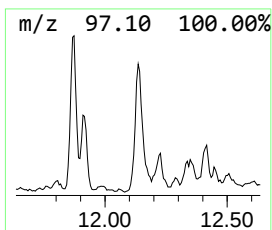
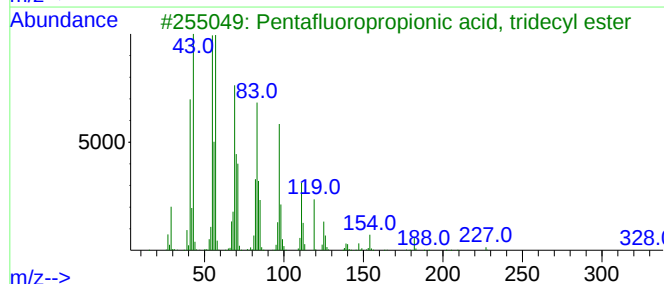
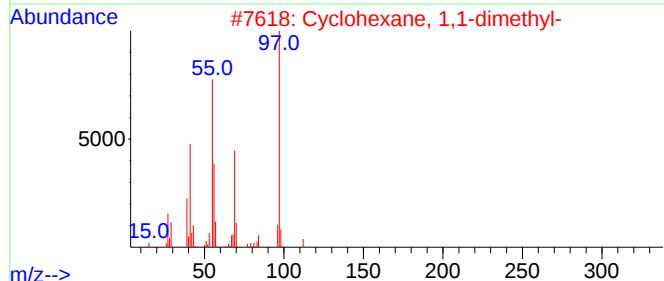
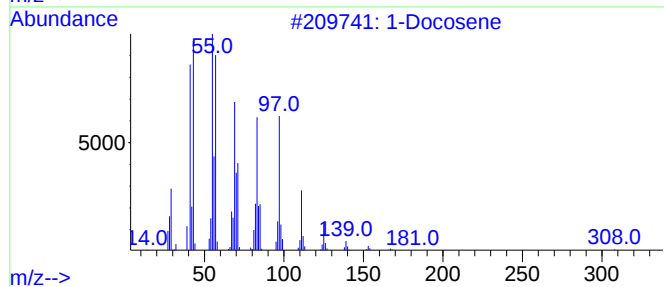
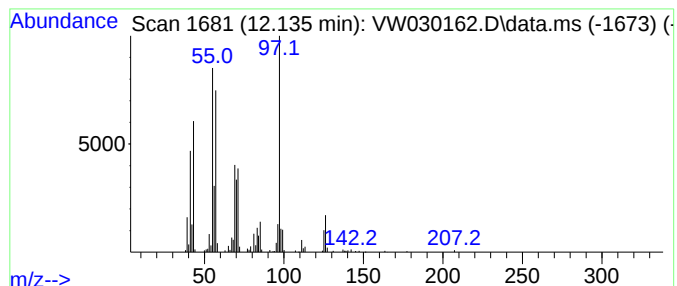
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	4.85 ug/L	187891	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	50
2	Cyclohexane, 1,1-dimethyl-		112	C8H16	000590-66-9	49
3	Pentafluoropropionic acid, tridecyl ester		346	C16H27F5O2	959261-22-4	46
4	1-Ethyl-4-methylcyclohexane		126	C9H18	003728-56-1	45
5	4-Octen-3-one		126	C8H14O	014129-48-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

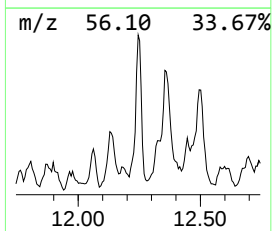
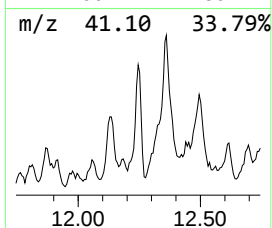
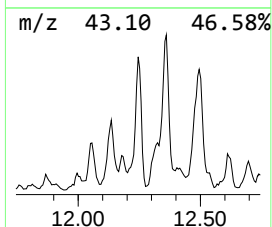
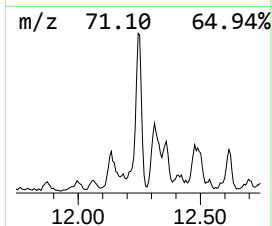
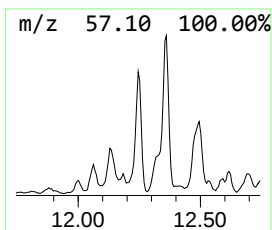
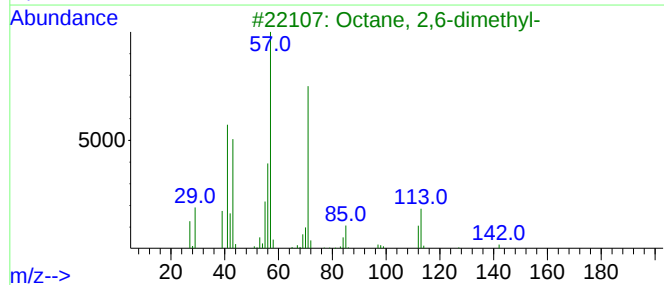
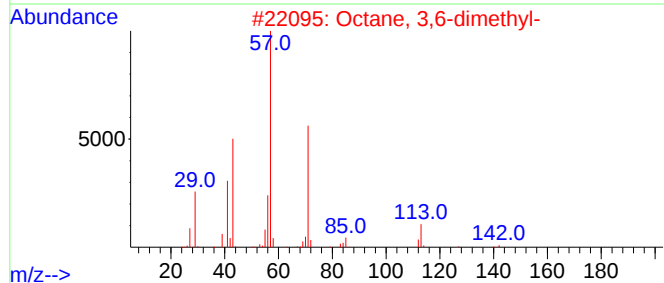
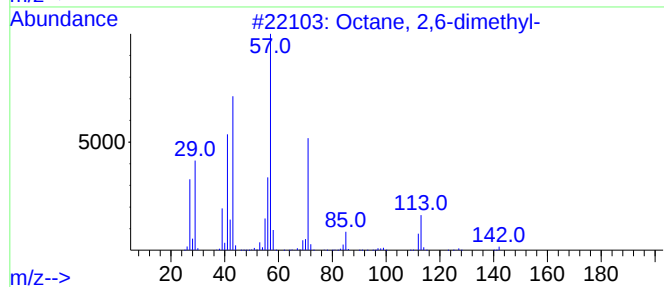
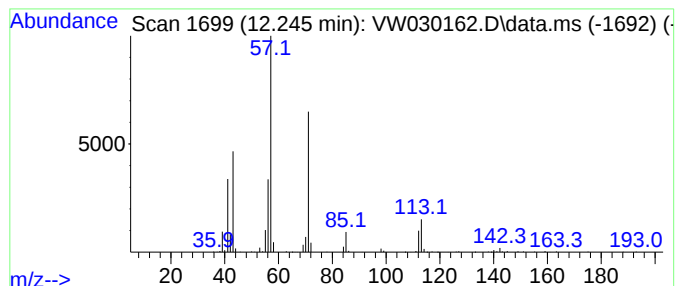
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ClientSampleId :
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Quant Title : SFAM01.0

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.	
12.245	5.26 ug/L	203808	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	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\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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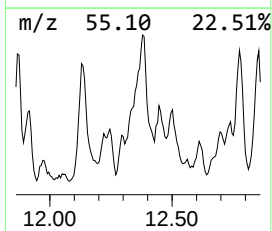
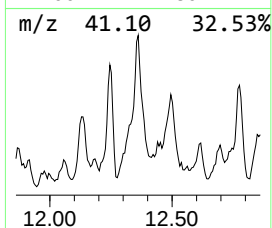
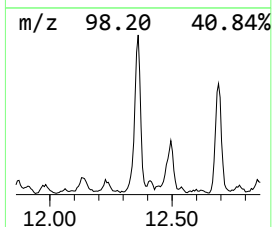
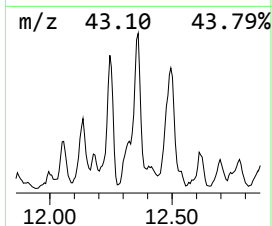
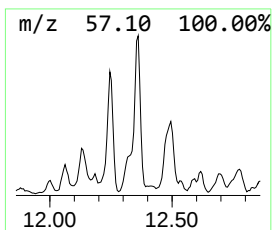
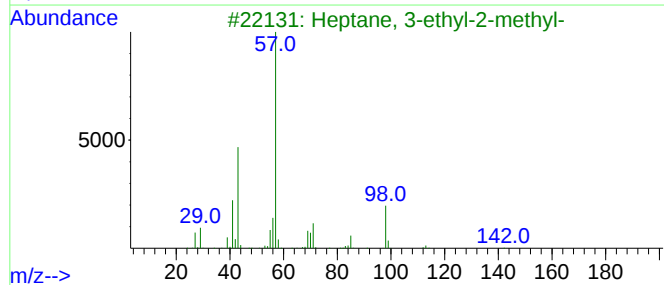
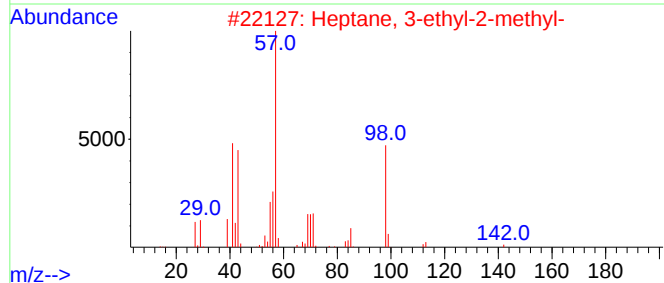
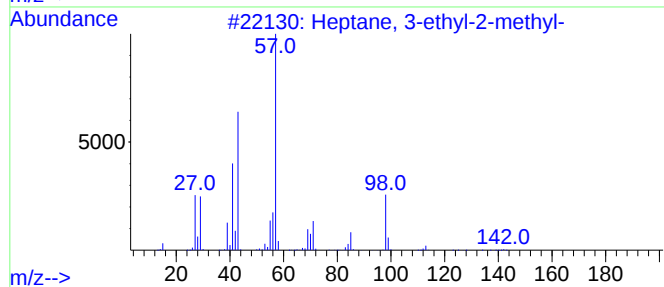
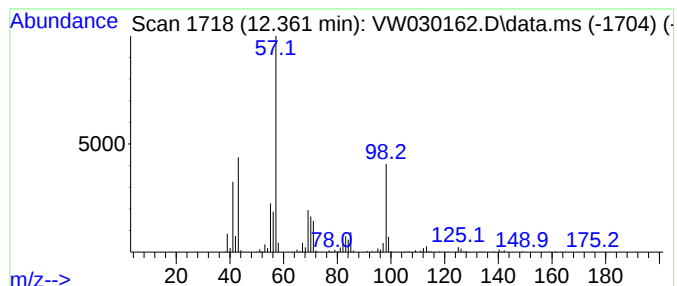
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	13.74 ug/L	532150	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	64
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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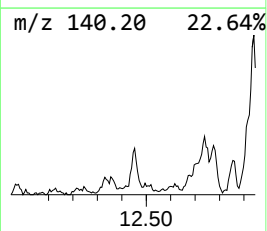
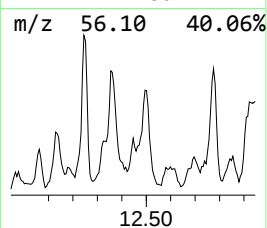
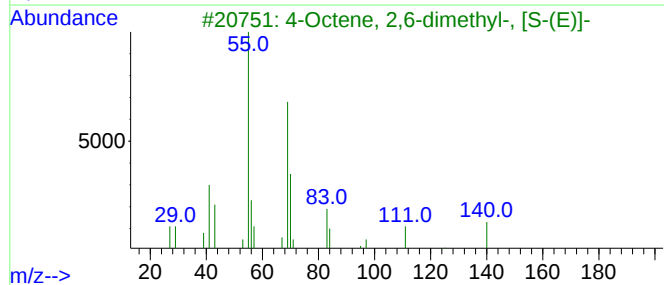
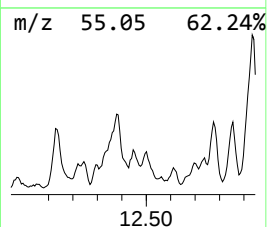
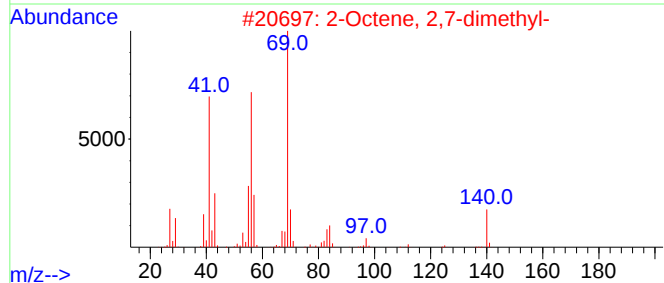
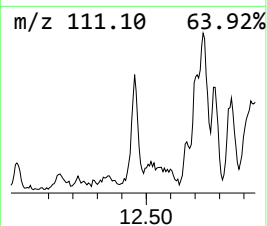
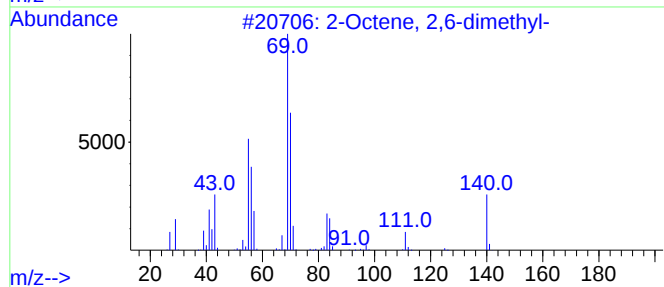
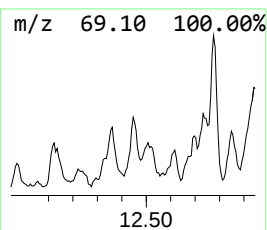
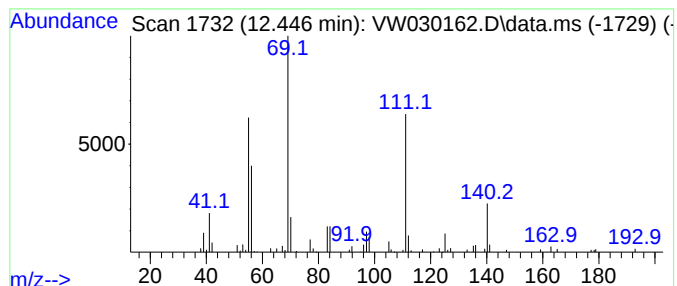
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.446	1.33 ug/L	51635	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	59
2	2-Octene, 2,7-dimethyl-			140	C10H20	002050-81-9	59
3	4-Octene, 2,6-dimethyl-, [S-(E)]-			140	C10H20	062960-76-3	59
4	Trans-1,4-diethylcyclohexane			140	C10H20	013990-93-7	58
5	6-Ethyl-2,3-dihydropyran-2,4-dione			140	C7H8O3	004435-30-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

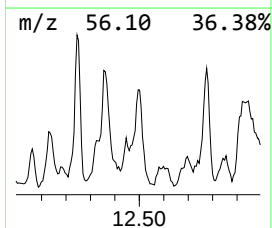
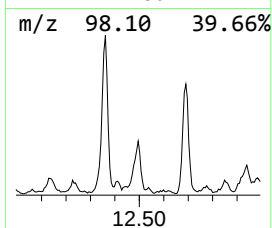
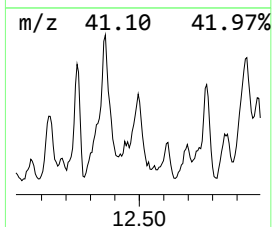
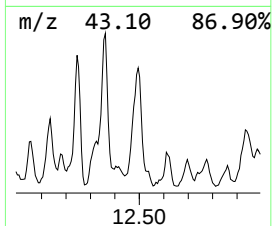
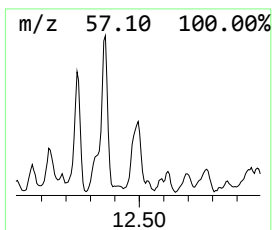
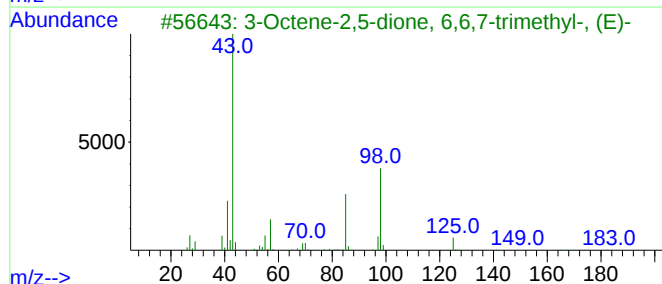
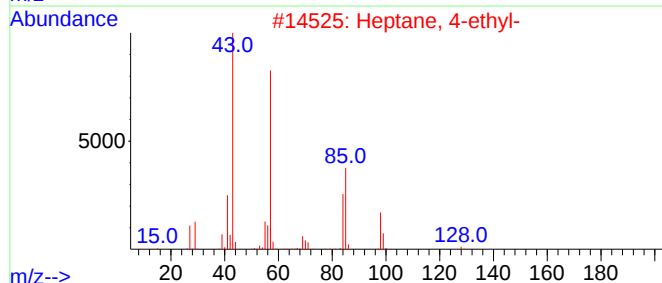
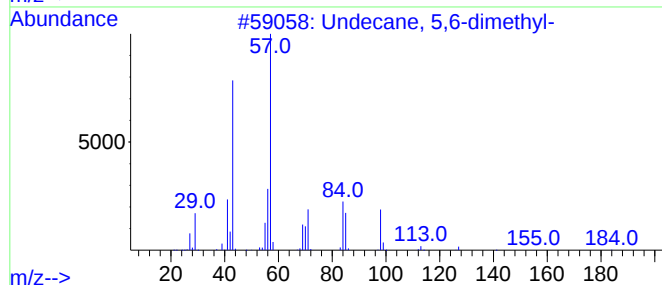
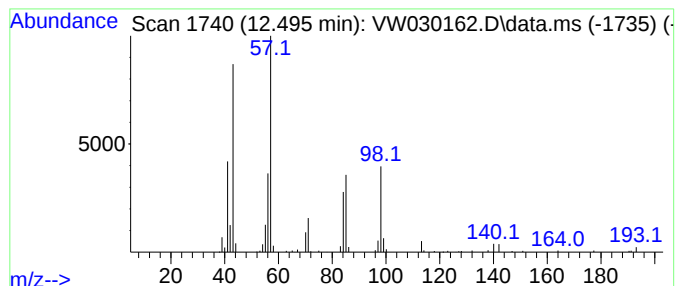
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.495	4.41 ug/L	170853	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-		184	C13H28	017615-91-7	64
2	Heptane, 4-ethyl-		128	C9H20	002216-32-2	46
3	3-Octene-2,5-dione, 6,6,7-trimet...		182	C11H18O2	060845-48-9	38
4	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	38
5	5-[2-Tert-butyl diazen-1-yl]-2-me...		182	C7H14N6	1000411-34-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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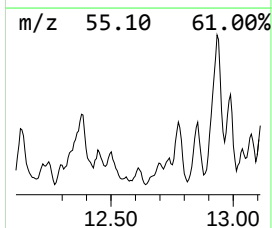
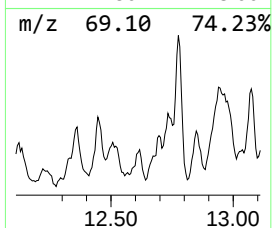
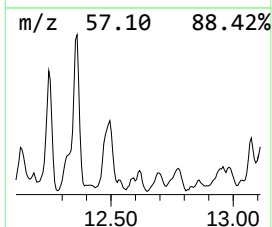
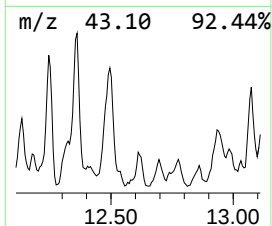
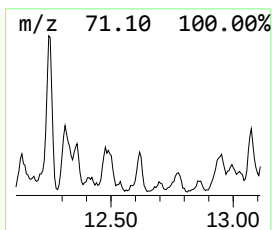
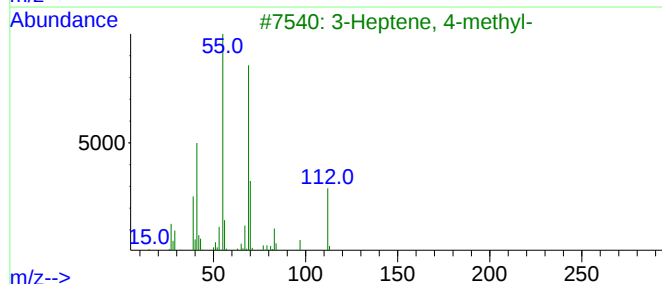
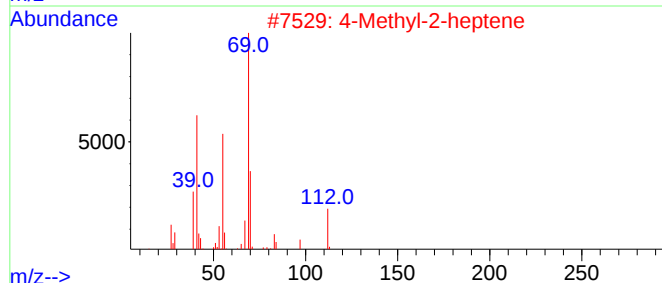
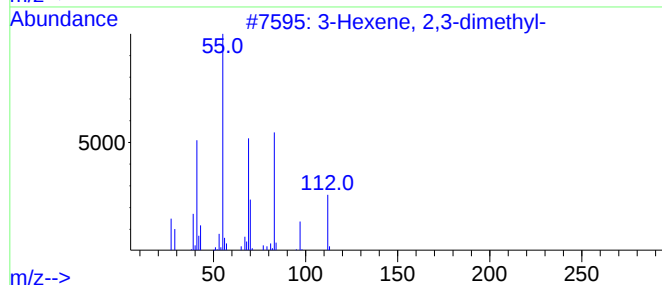
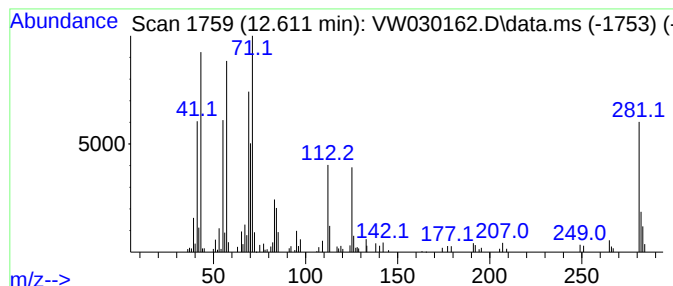
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	5.73 ug/L	114389	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	27
2		4-Methyl-2-heptene	112	C8H16	003404-56-6	27
3		3-Heptene, 4-methyl-	112	C8H16	004485-16-9	27
4		2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	27
5		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

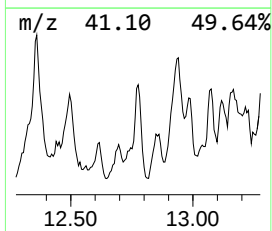
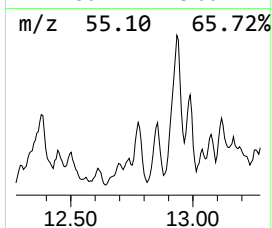
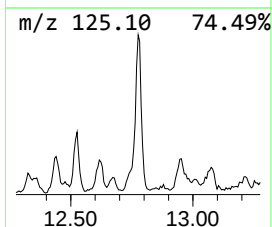
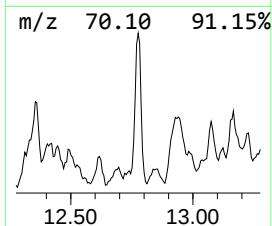
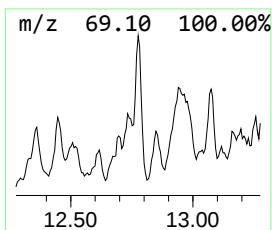
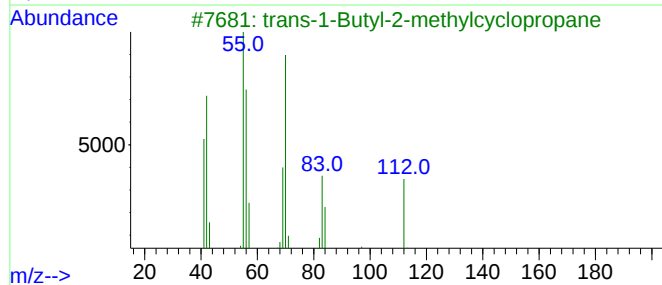
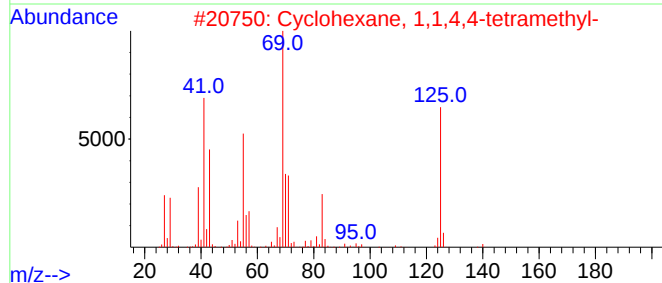
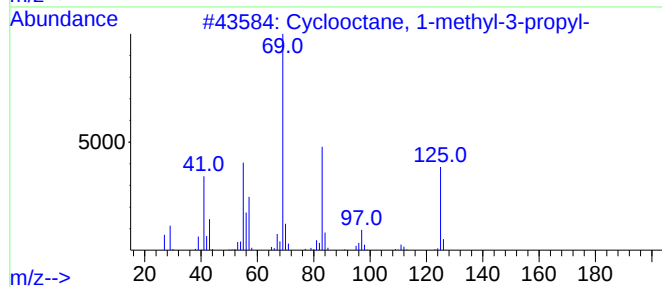
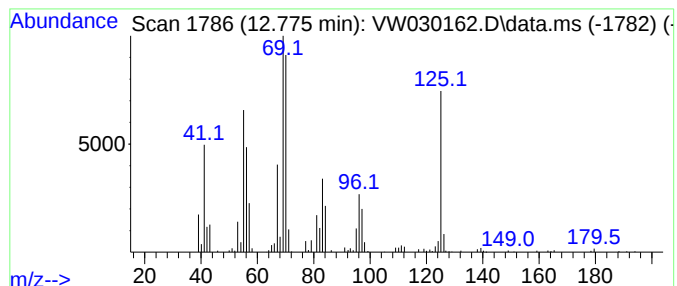
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.775 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	10.89 ug/L	217519	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	42
4			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	42
5			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

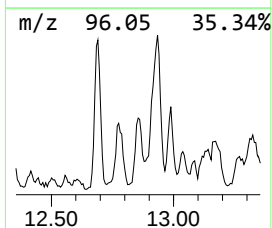
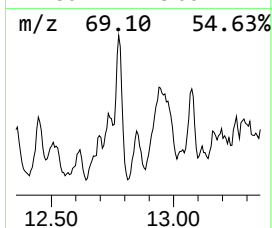
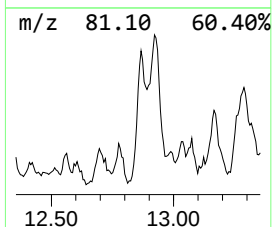
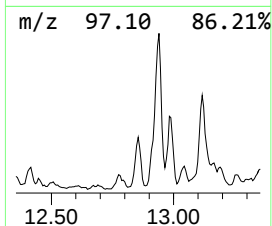
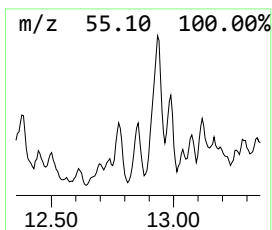
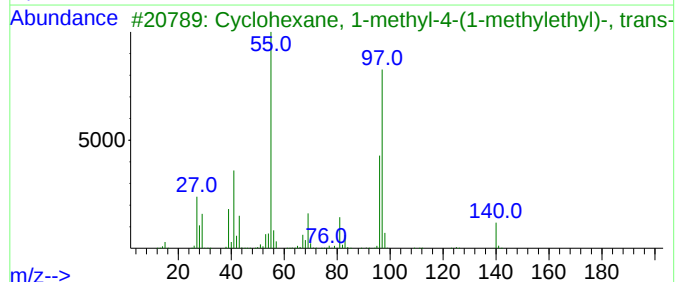
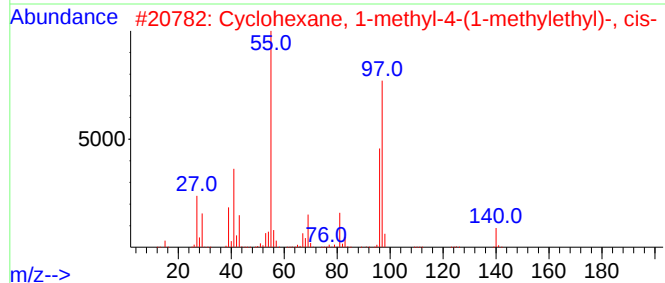
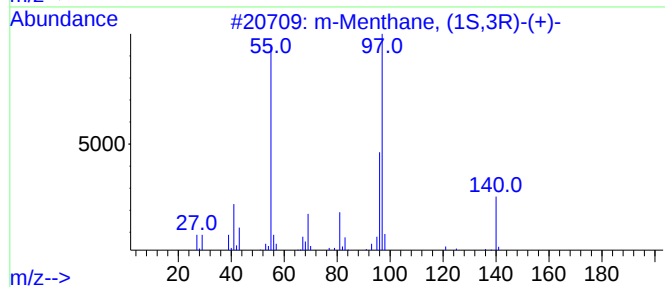
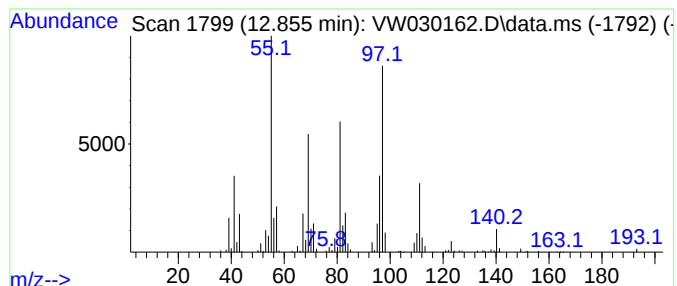
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	7.65 ug/L	152863	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	72
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

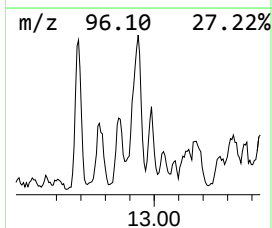
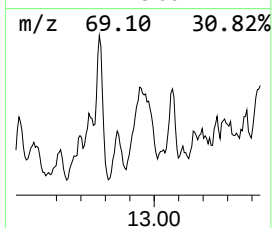
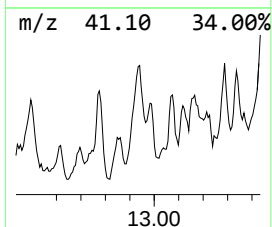
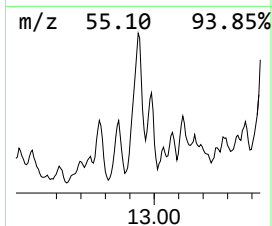
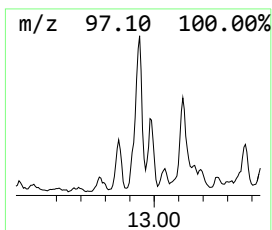
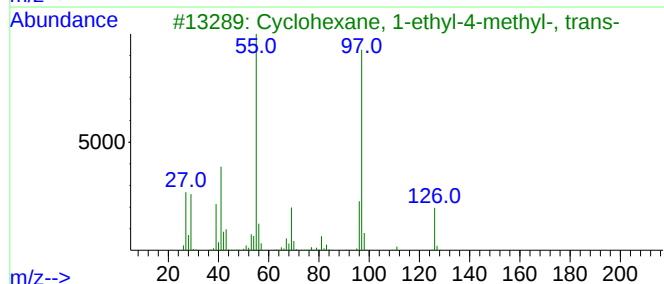
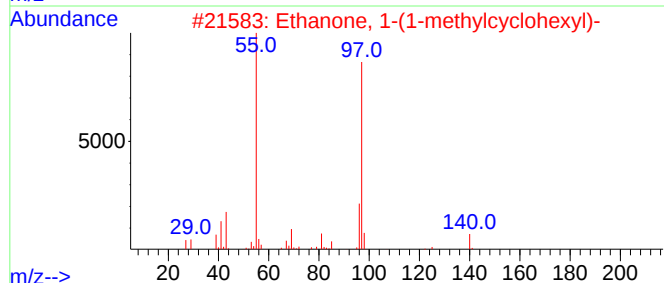
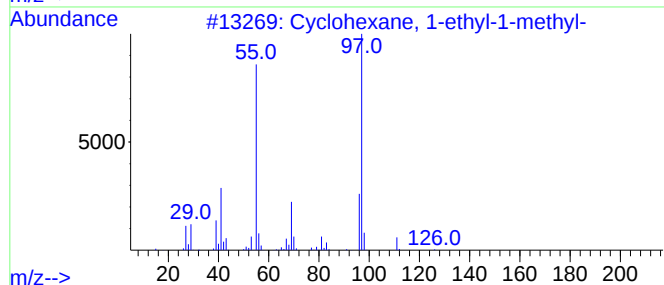
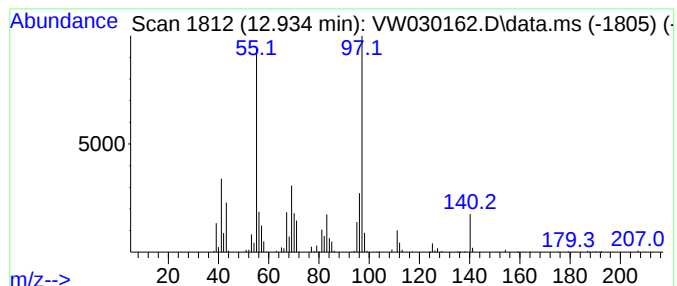
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.934 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	19.61 ug/L	391531	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

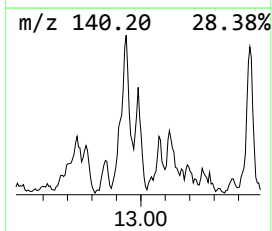
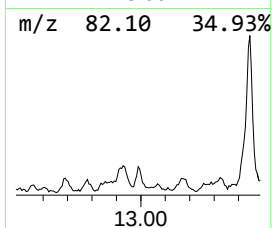
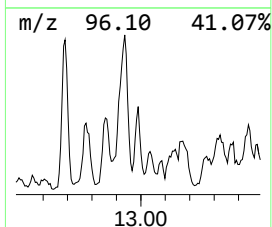
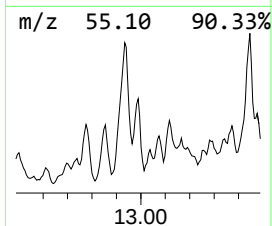
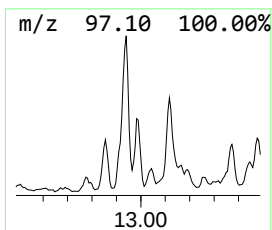
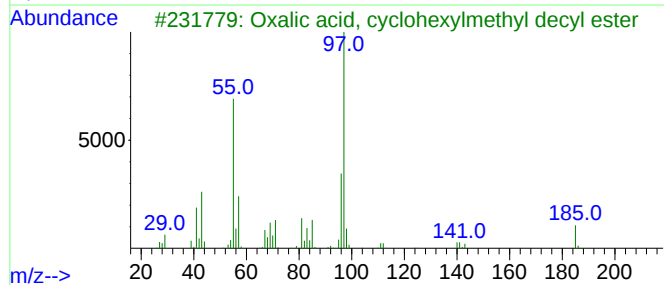
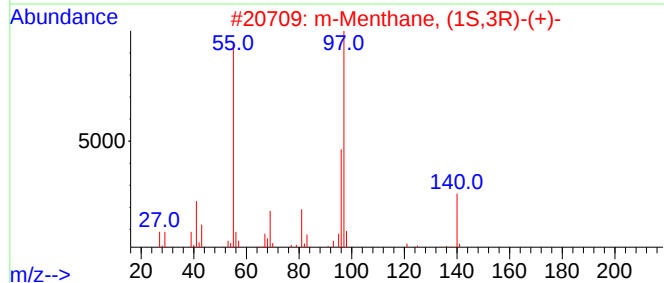
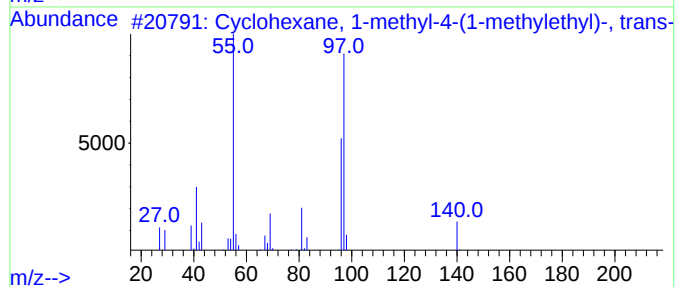
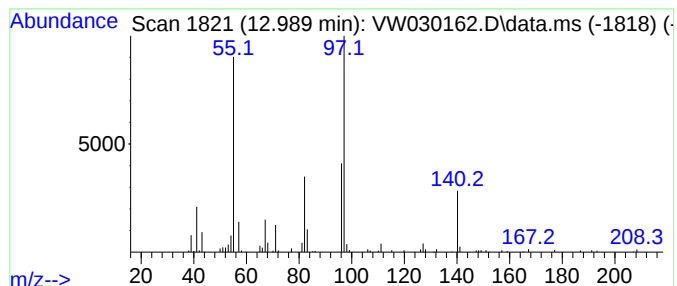
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic12.989 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	5.36 ug/L	107096	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
2			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	64
3			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	59
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	59
5			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

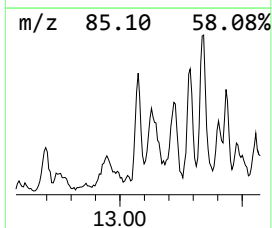
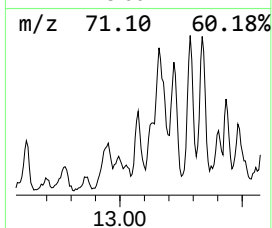
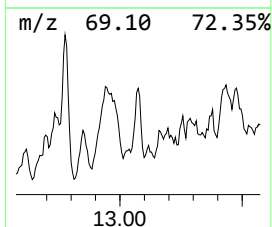
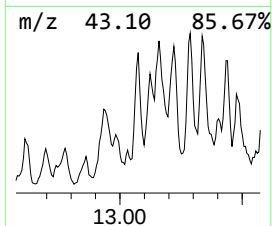
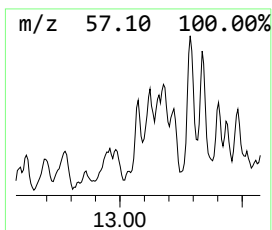
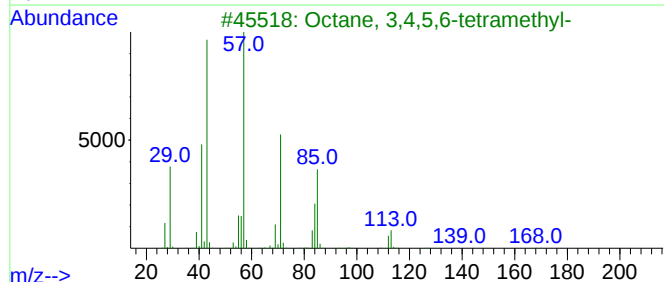
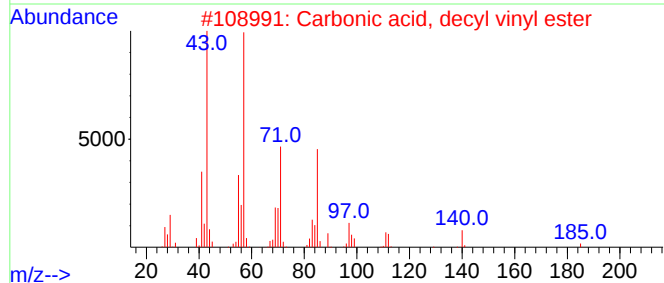
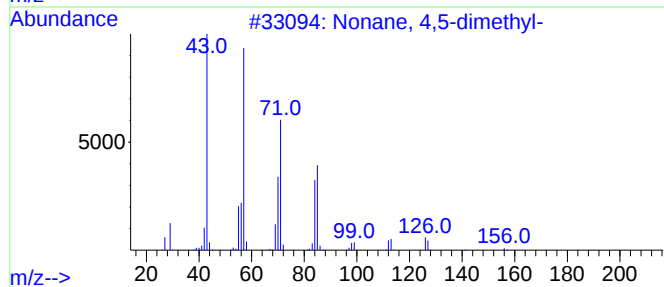
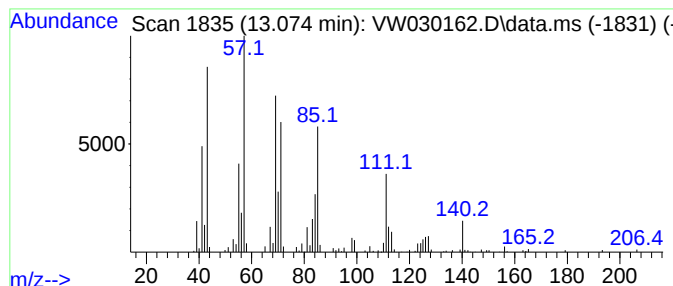
Instrument :
MSVOA_W
ClientSampleId :
A4EK0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.074	5.54 ug/L	110709	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	58
2	Carbonic acid, decyl vinyl ester		228	C13H24O3	1000383-25-7	53
3	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	47
4	Sulfurous acid, hexyl octyl ester		278	C14H30O3S	1000309-13-0	47
5	Sulfurous acid, decyl hexyl ester		306	C16H34O3S	1000309-13-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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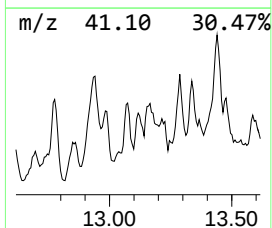
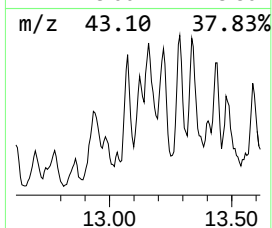
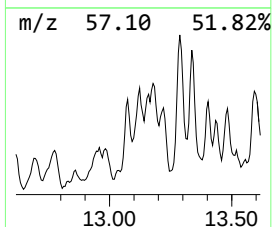
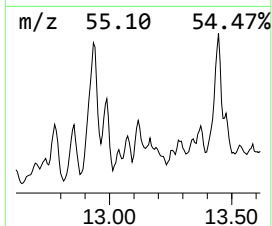
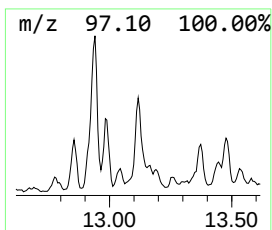
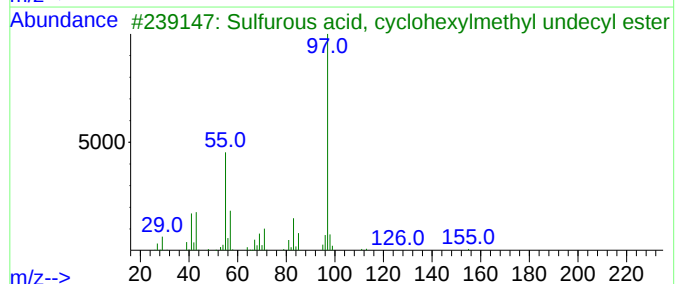
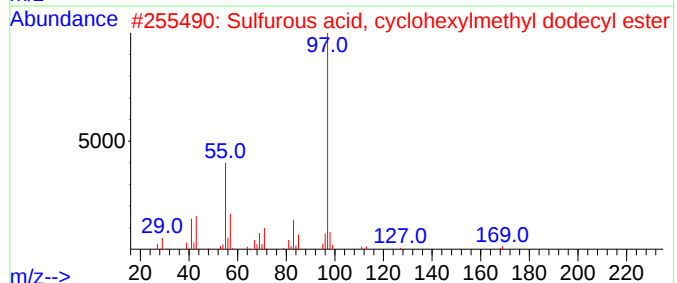
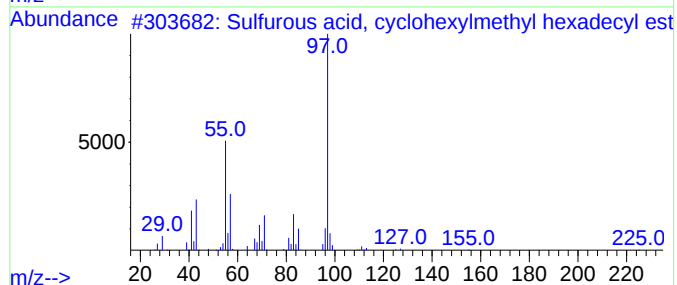
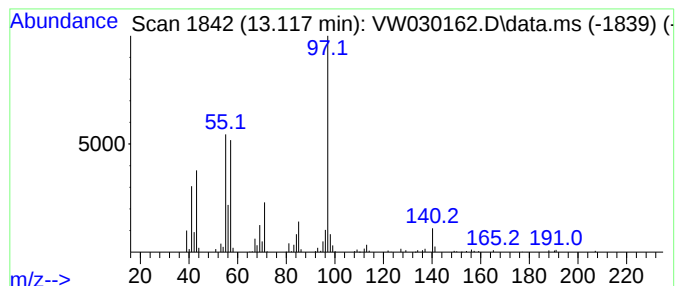
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Quant Title : SFAM01.0

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

Peak Number 17 Sulfurous acid, cyclohexylm... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	4.17 ug/L	83293	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
2			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
4			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	53
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

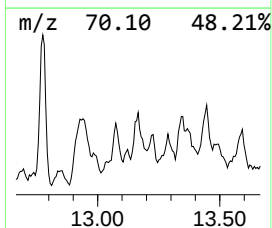
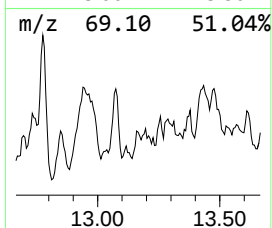
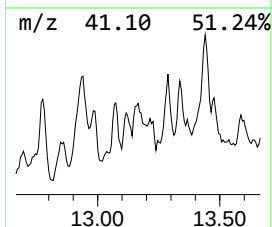
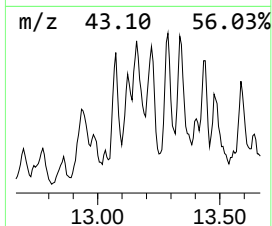
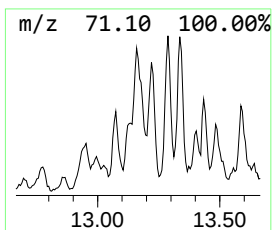
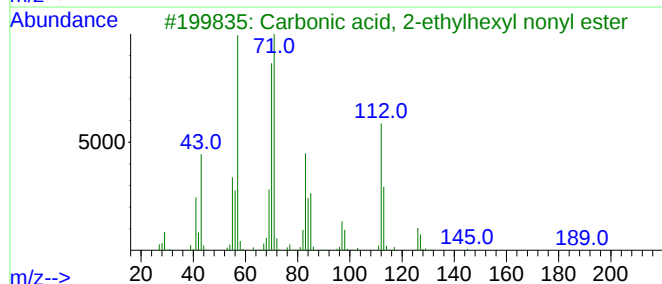
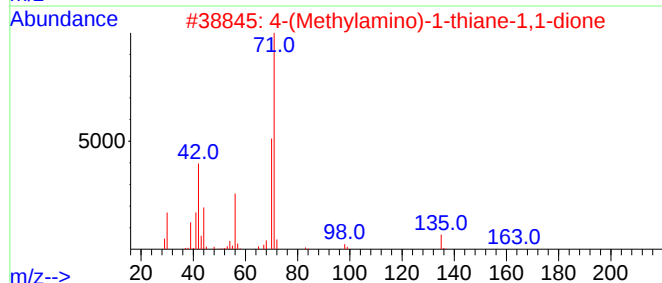
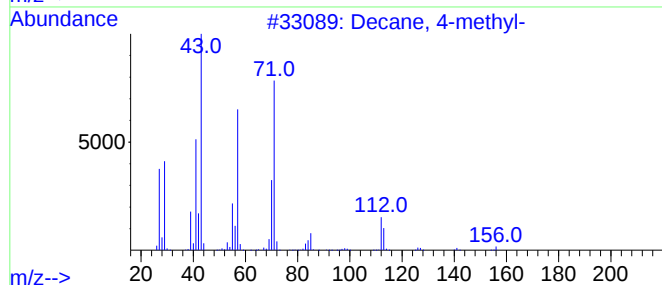
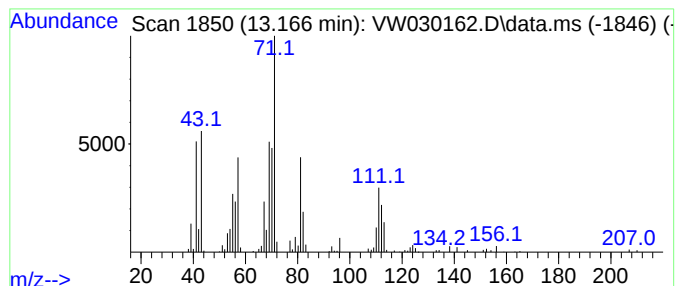
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	4.73 ug/L	94403	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	53
2			4-(Methylamino)-1-thiane-1,1-dione	163	C6H13N02S	1000444-06-6	47
3			Carbonic acid, 2-ethylhexyl nonyl...	300	C18H36O3	1000383-13-6	43
4			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	40
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

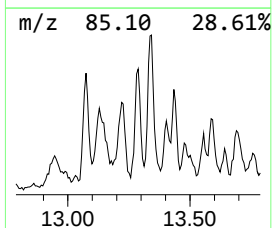
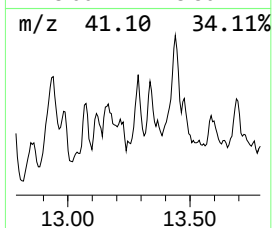
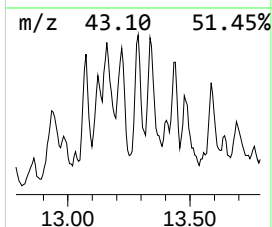
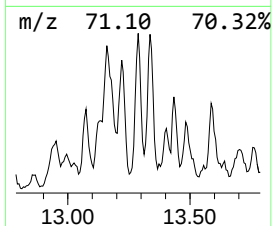
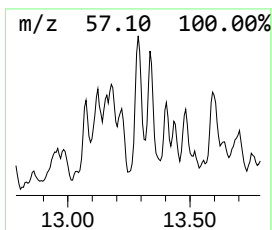
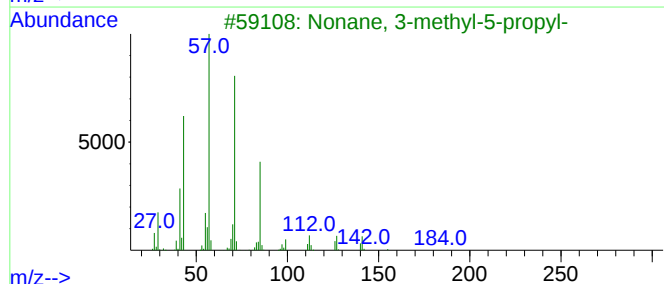
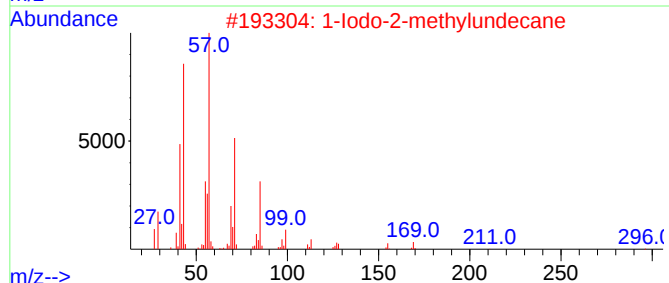
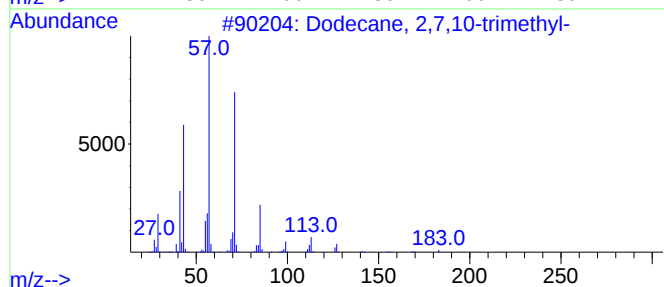
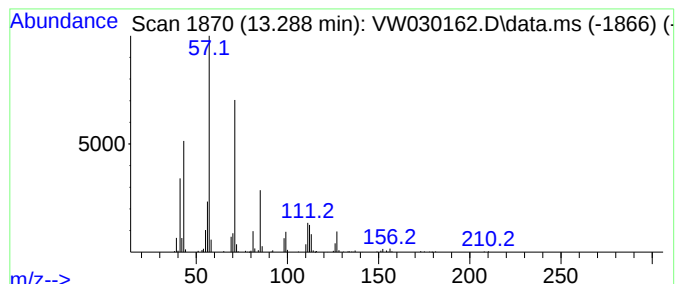
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.288	6.08 ug/L	121489	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	80
2	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	64
3	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	59
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	50
5	Dodecane, 3-methyl-		184	C13H28	017312-57-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

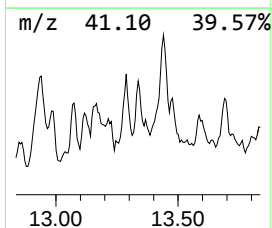
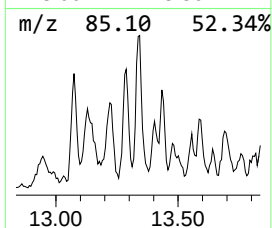
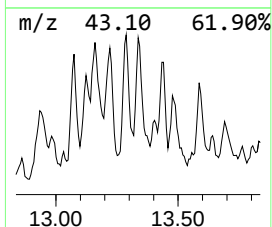
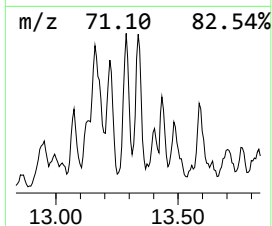
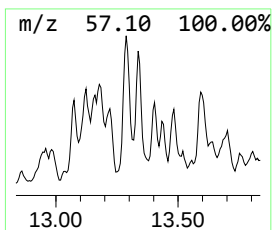
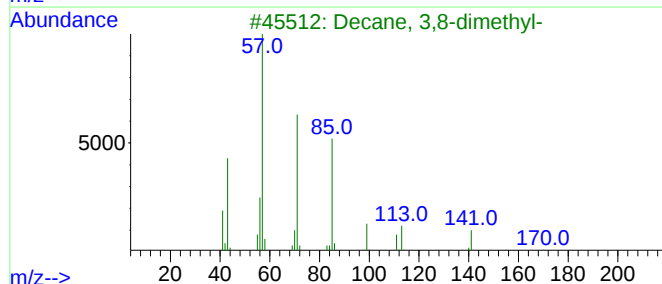
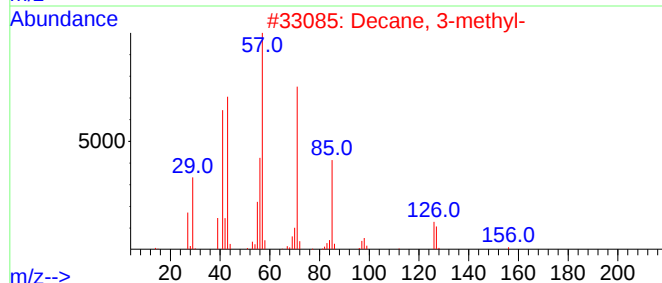
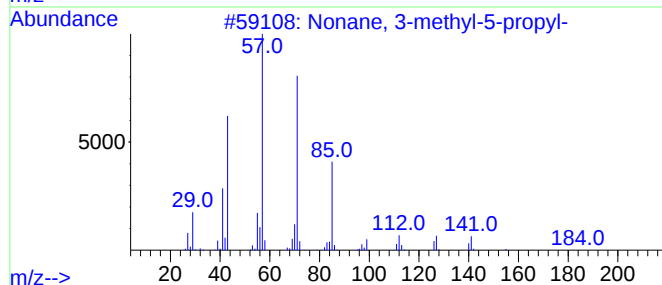
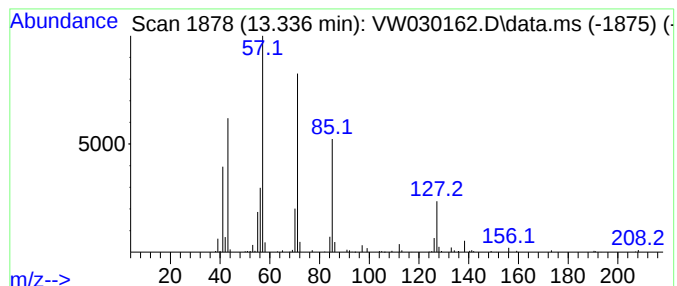
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	4.01 ug/L	80006	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
2			Decane, 3-methyl-	156	C11H24	013151-34-3	64
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
5			Undecane, 5-ethyl-	184	C13H28	017453-94-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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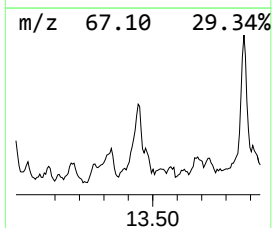
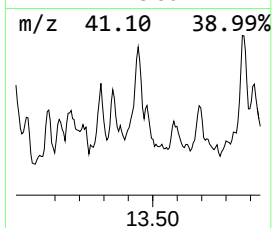
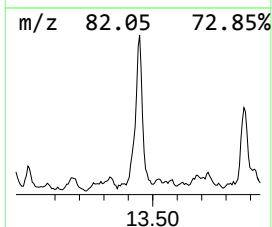
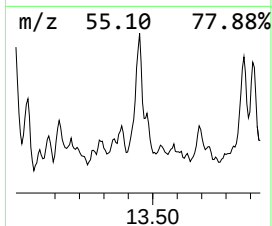
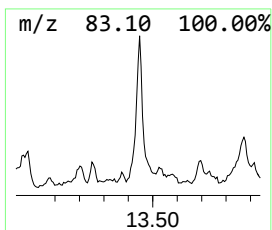
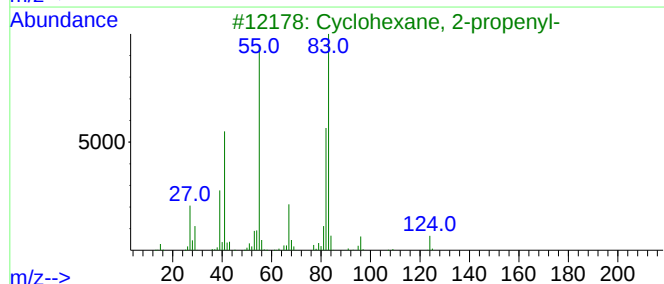
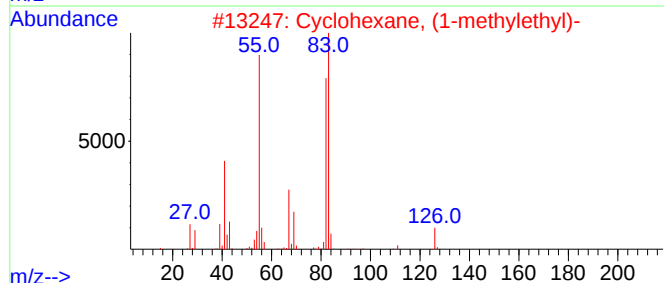
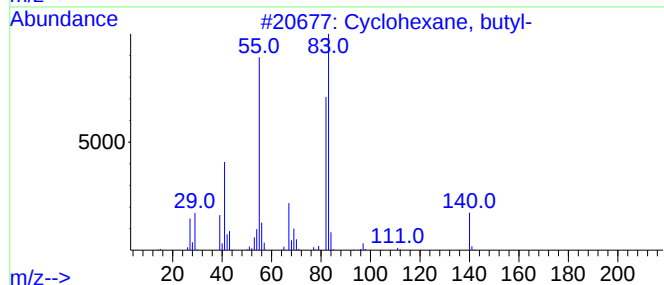
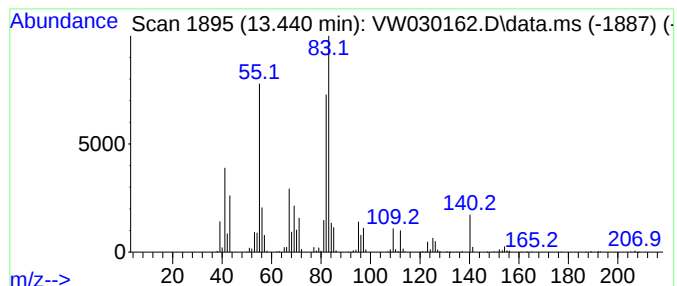
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic13.440 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	19.54 ug/L	390180	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	62
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	58
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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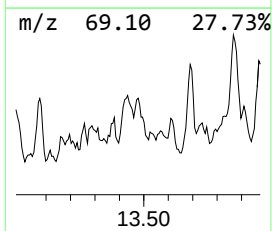
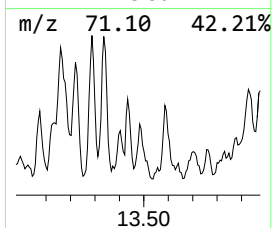
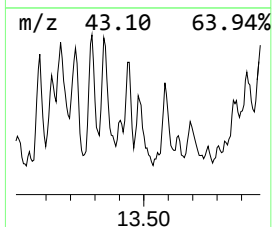
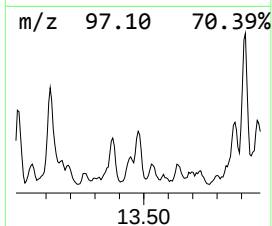
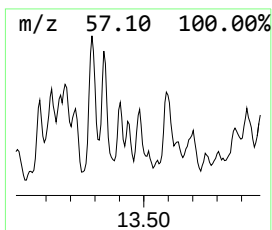
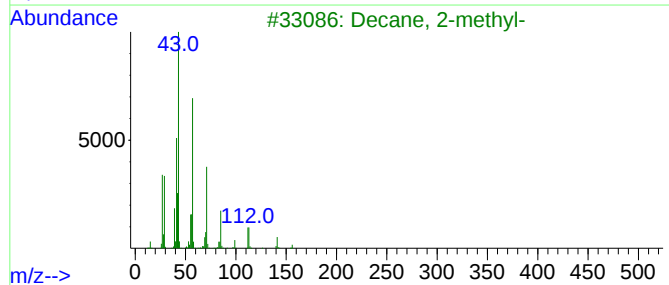
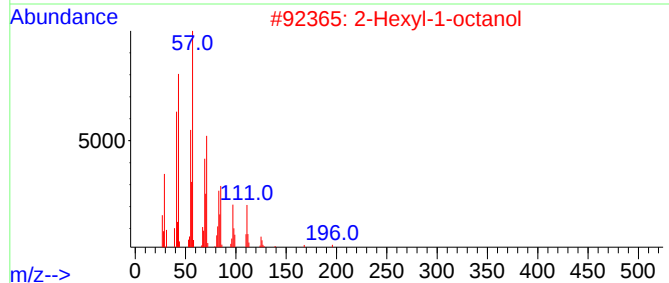
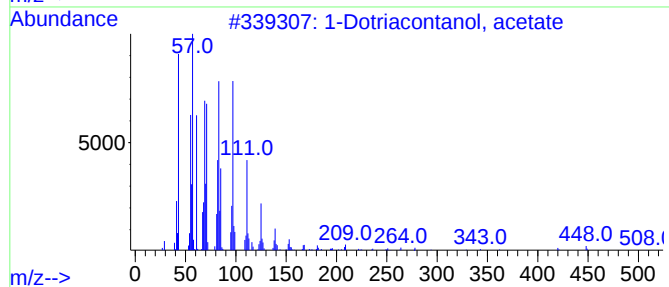
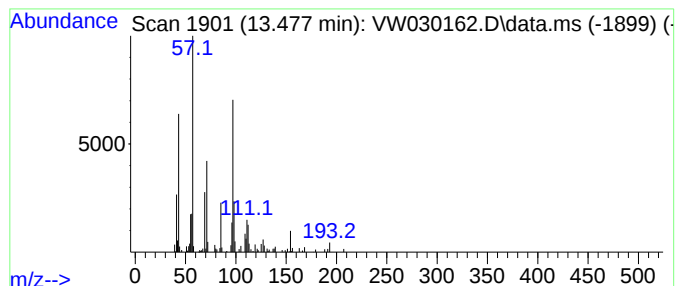
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Quant Title : SFAM01.0

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

Peak Number 22 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	4.94 ug/L	98720	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	47
2			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	43
3			Decane, 2-methyl-	156	C11H24	006975-98-0	38
4			Decane, 2-methyl-	156	C11H24	006975-98-0	38
5			Undecane	156	C11H24	001120-21-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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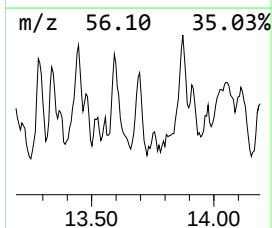
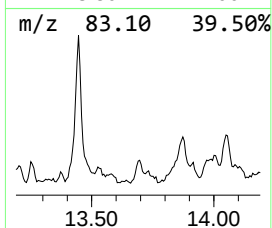
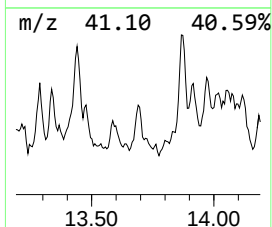
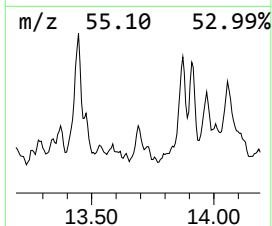
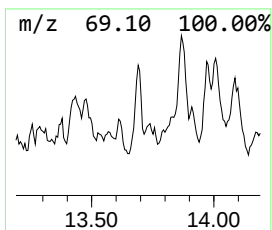
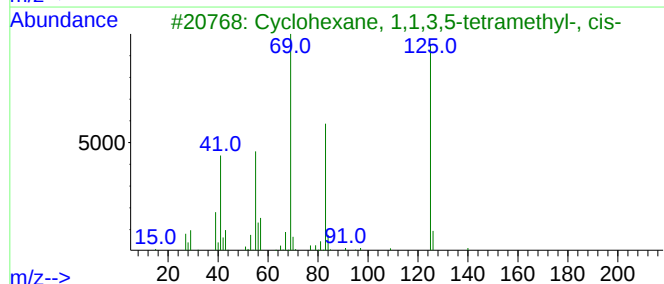
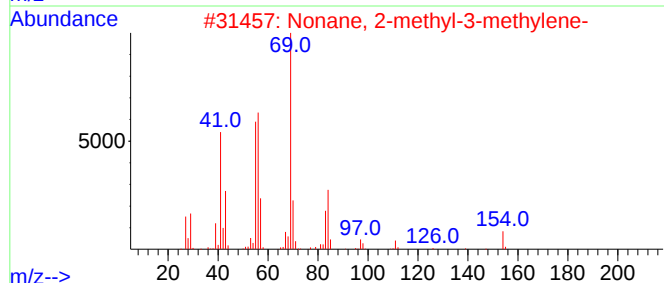
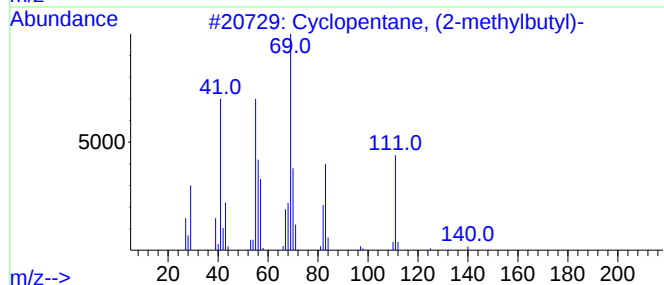
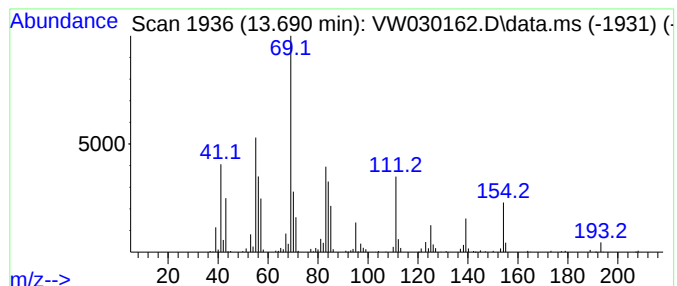
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic13.690 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	6.55 ug/L	130897	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52
2			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
4			1-Dodecyn-4-ol	182	C12H22O	074646-36-9	38
5			3-Methyldec-3-ene	154	C11H22	036969-75-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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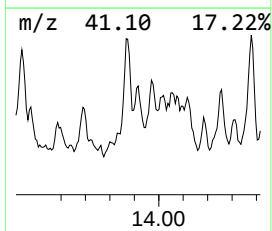
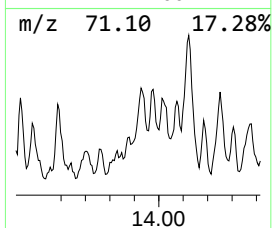
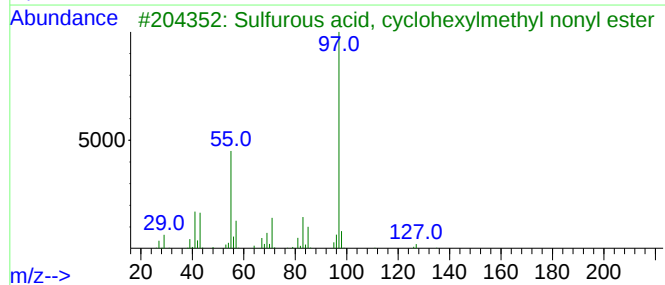
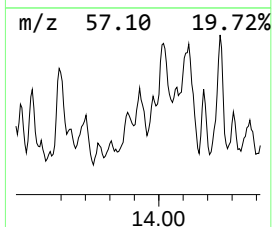
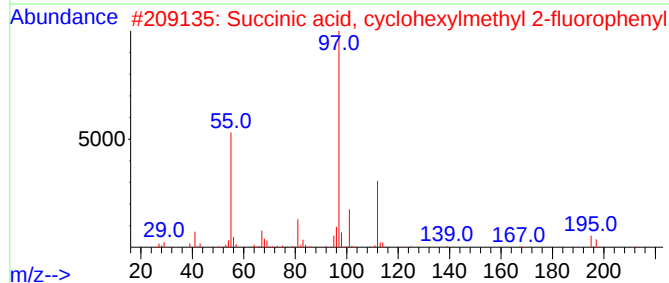
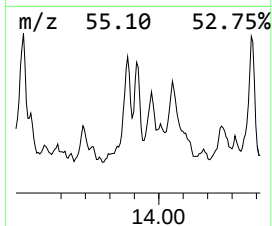
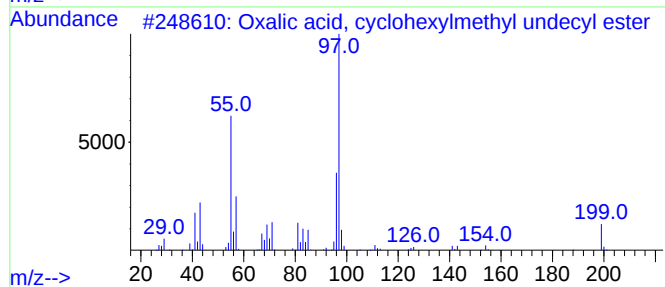
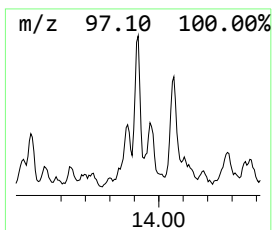
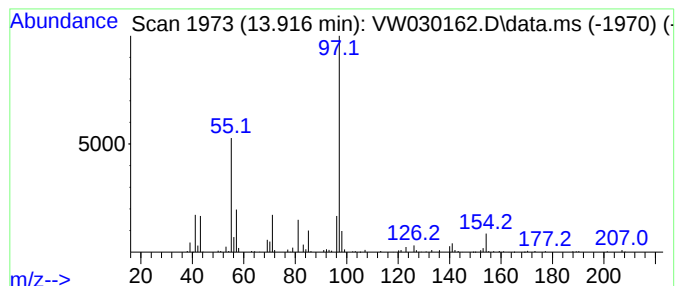
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Quant Title : SFAM01.0

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

Peak Number 24 Oxalic acid, cyclohexylmeth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	5.40 ug/L	107906	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl un...	340	C20H36O4	1000309-68-8	72
2			Succinic acid, cyclohexylmethyl ...	308	C17H21F04	1000390-31-0	59
3			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	56
4			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	56
5			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

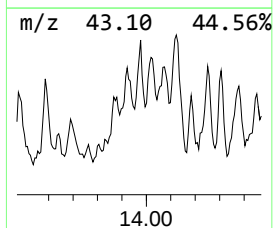
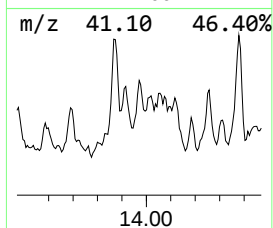
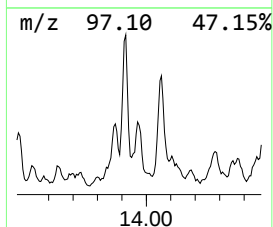
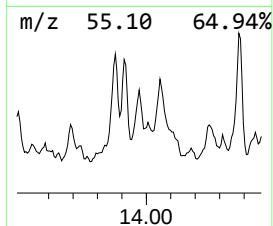
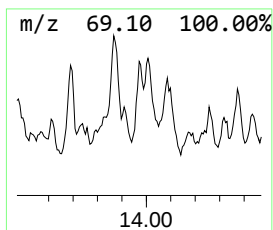
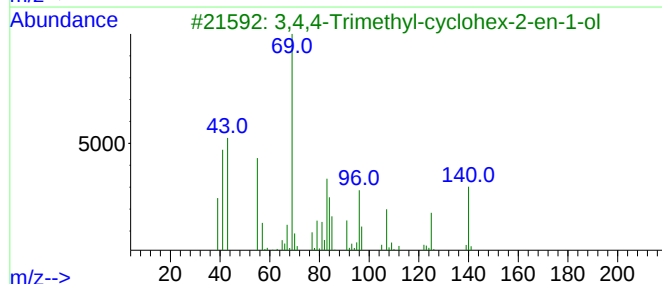
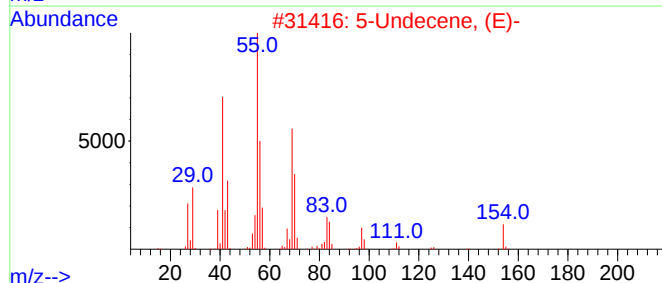
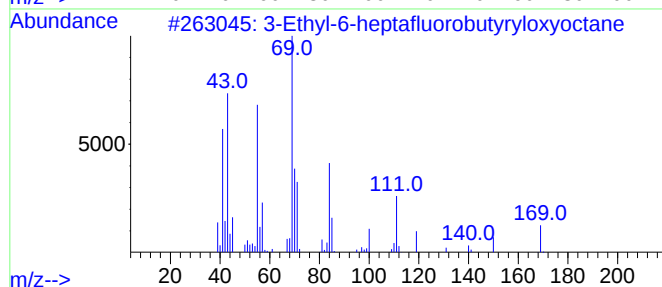
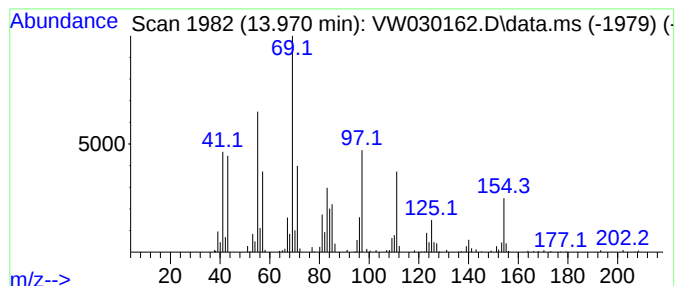
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Quant Title : SFAM01.0

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

Peak Number 25 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	4.82 ug/L	96293	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-6-heptafluorobutyryloxyo...	354	C14H21F7O2	1000215-97-4	43
2			5-Undecene, (E)-	154	C11H22	000764-97-6	38
3			3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	38
4			4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	38
5			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

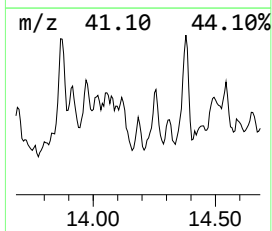
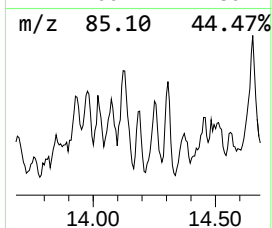
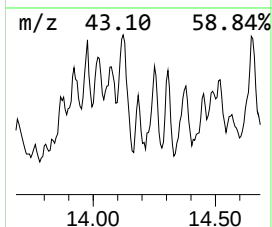
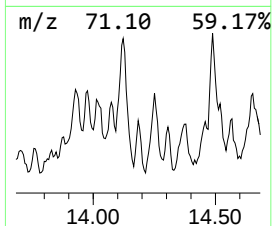
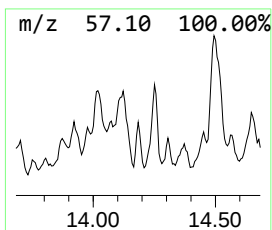
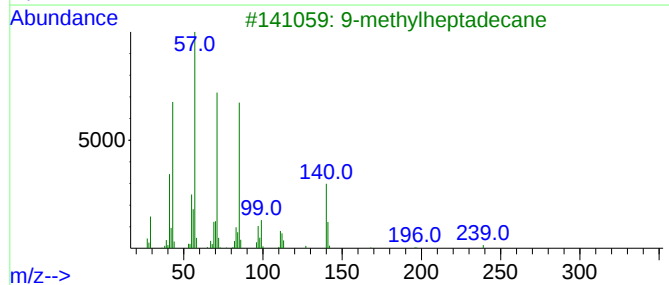
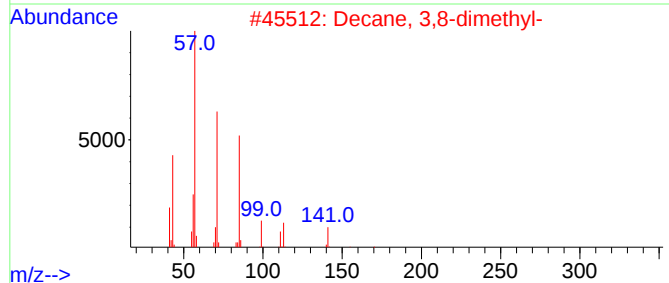
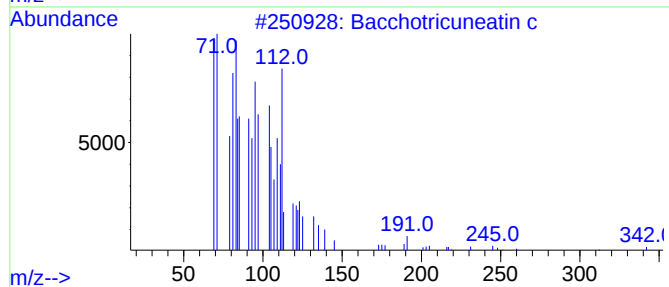
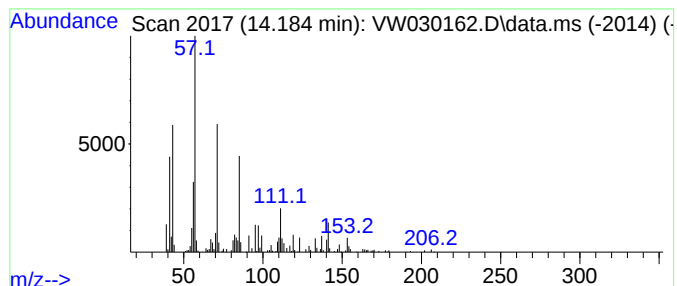
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Quant Title : SFAM01.0

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

Peak Number 26 Bacchotricuneatin c Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.184	3.82 ug/L	76221	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3			9-methylheptadecane	254	C18H38	026741-18-4	53
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52
5			Tetradecane	198	C14H30	000629-59-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

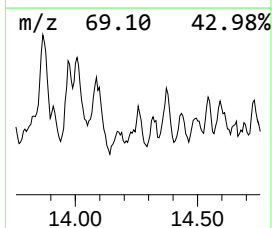
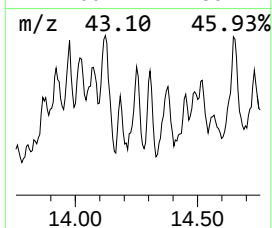
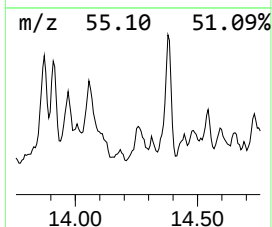
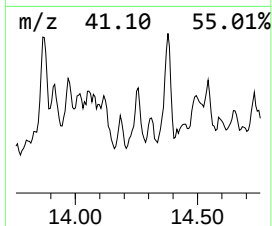
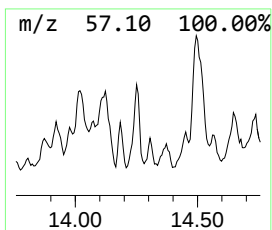
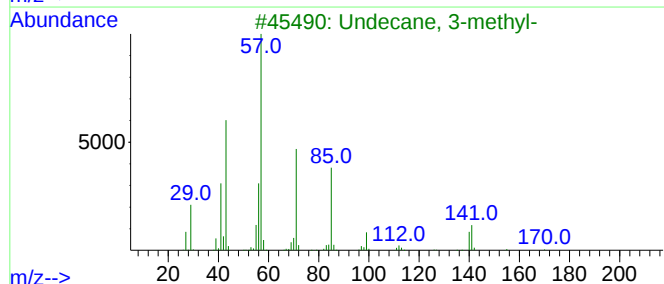
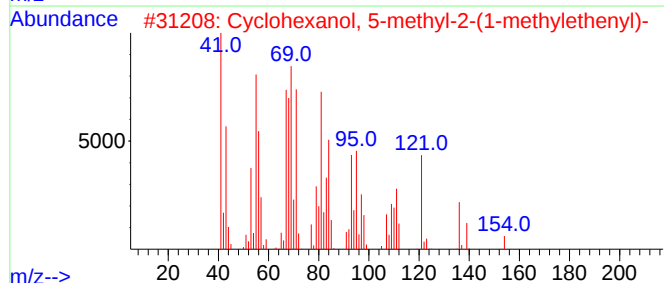
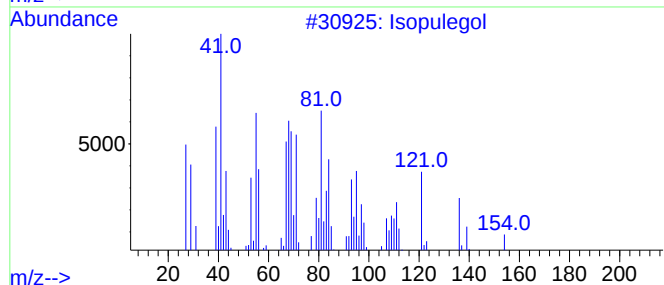
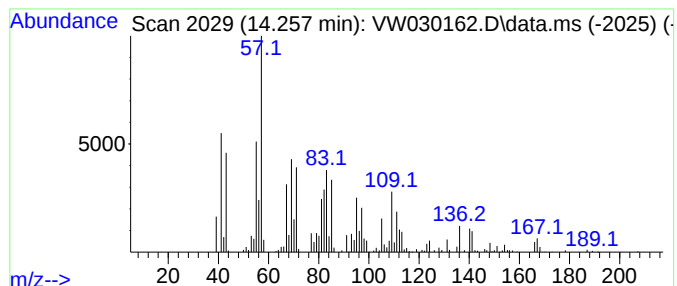
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Quant Title : SFAM01.0

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

Peak Number 27 Isopulegol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	7.09 ug/L	141634	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopulegol	154	C10H18O	000089-79-2	55
2			Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	43
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4			Carbonic acid, di(decyl) ester	342	C21H42O3	1000383-15-9	38
5			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

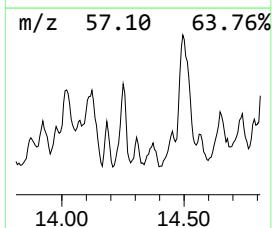
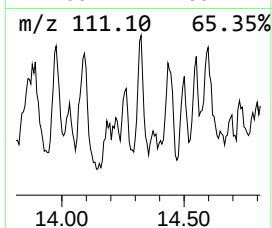
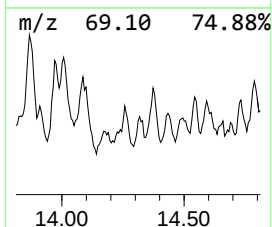
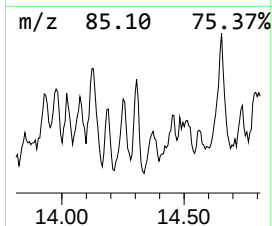
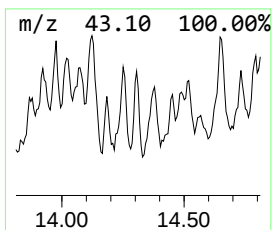
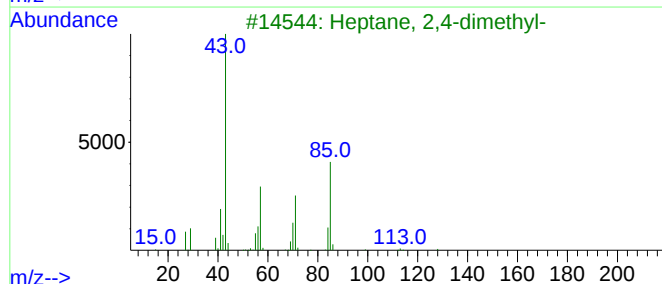
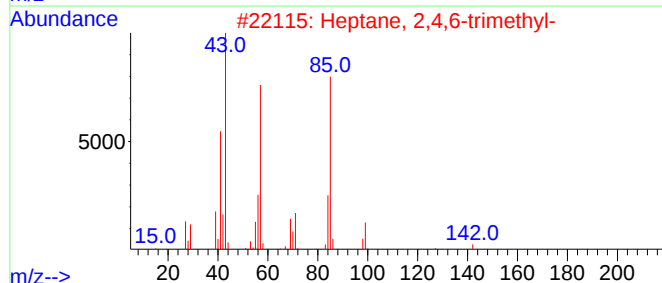
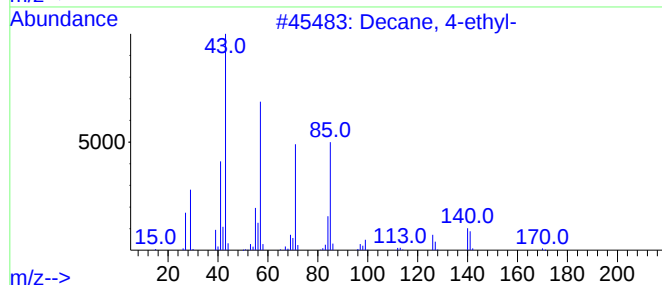
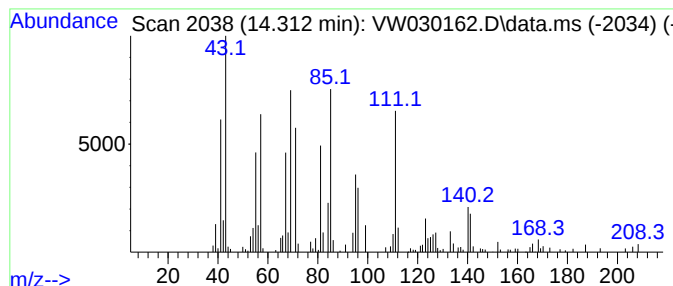
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	2.72 ug/L	54302	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	38
2			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	35
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	30
4			Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	30
5			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

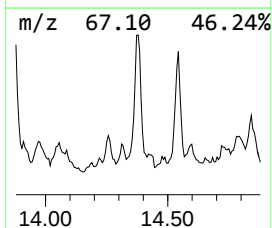
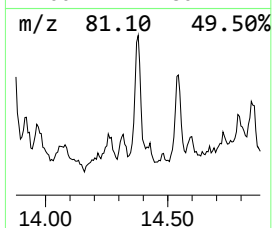
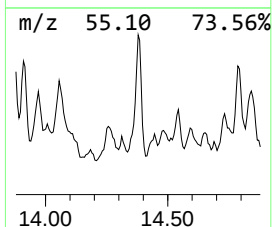
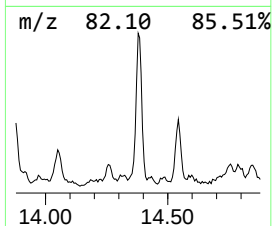
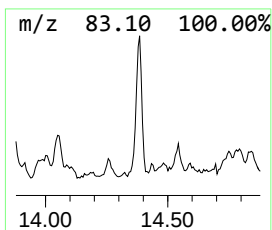
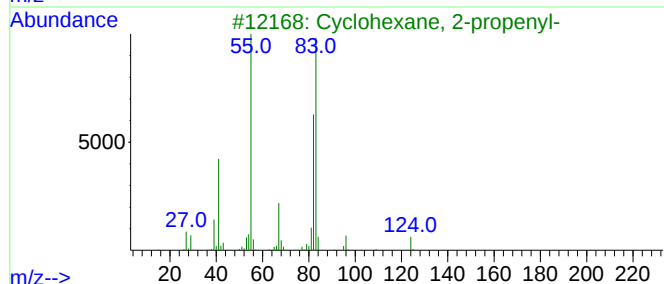
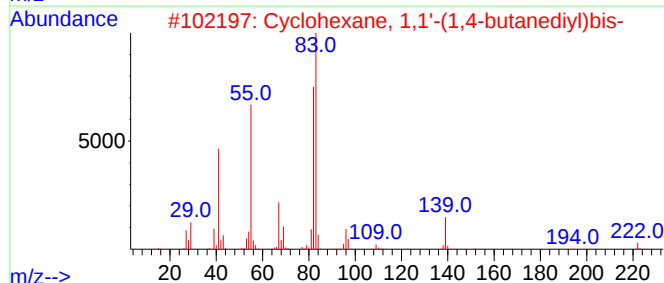
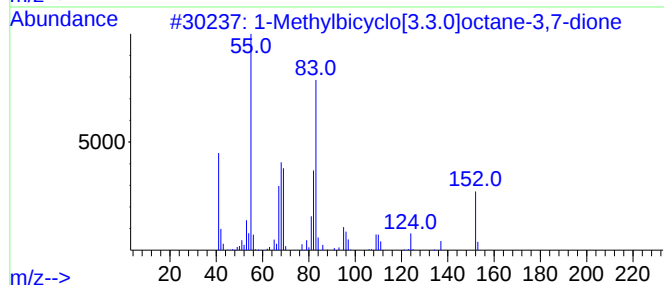
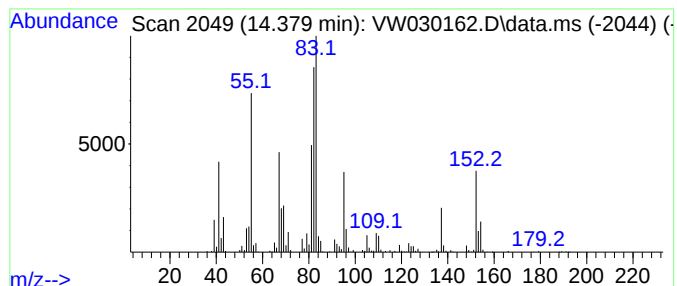
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Quant Title : SFAM01.0

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

Peak Number 29 1-Methylbicyclo[3.3.0]octan... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	15.15 ug/L	302535	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	50
2			Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	47
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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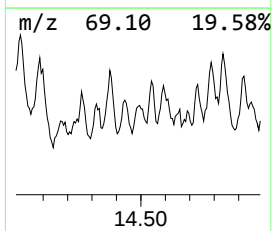
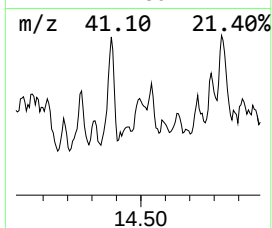
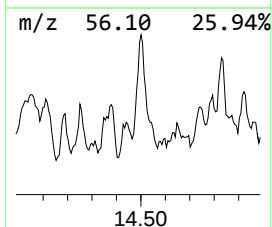
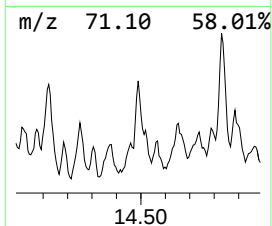
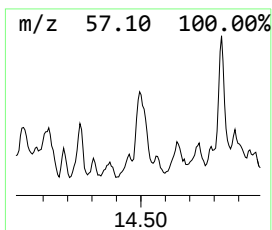
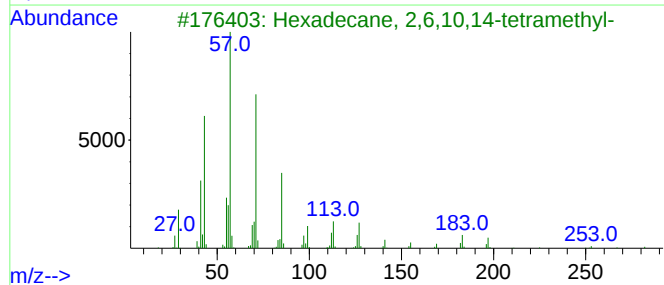
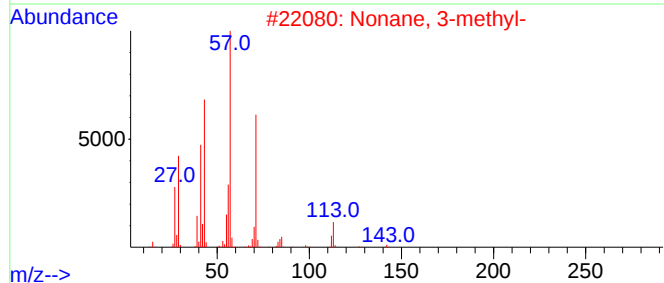
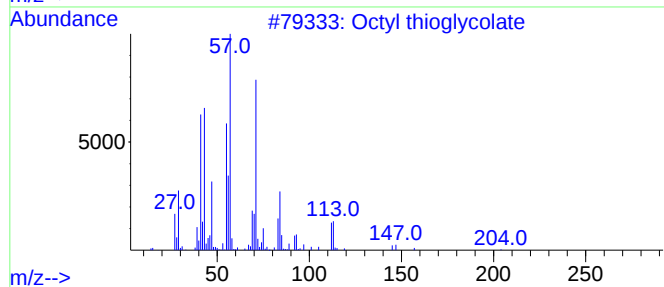
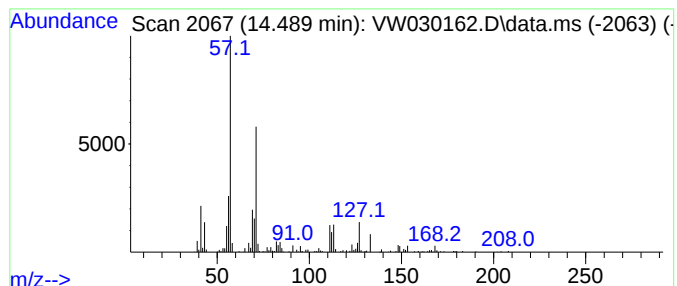
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Quant Title : SFAM01.0

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

Peak Number 30 Octyl thioglycolate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	7.43 ug/L	148427	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octyl thioglycolate	204	C10H20O2S	007664-80-4	76
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
4			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	53
5			3-(Octyloxy)-1,2-propanediol	204	C11H24O3	010438-94-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

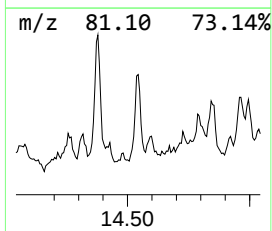
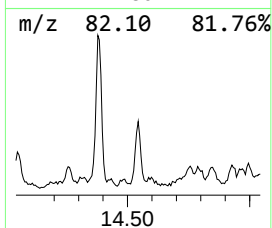
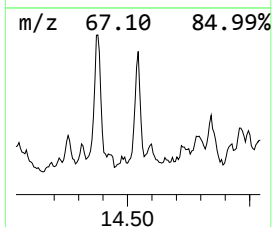
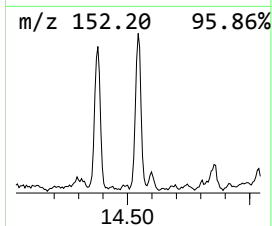
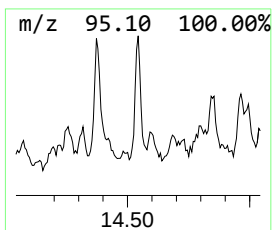
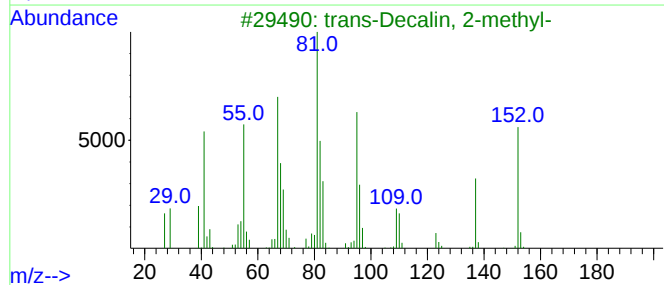
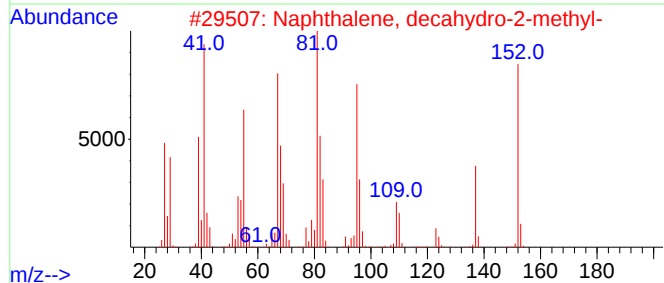
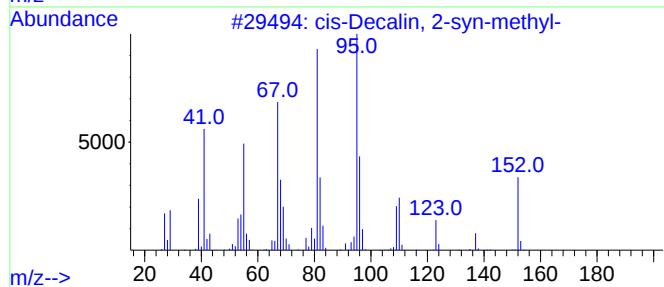
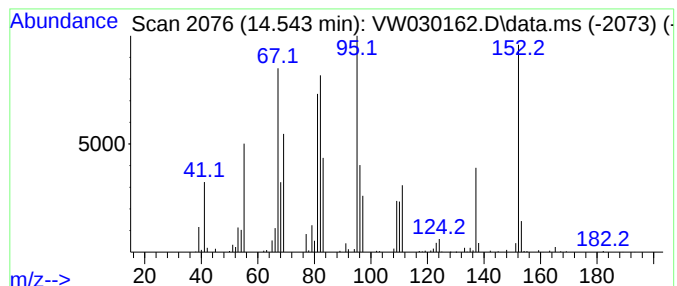
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Quant Title : SFAM01.0

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

Peak Number 31 cis-Decalin, 2-syn-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	6.92 ug/L	138182	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	90
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

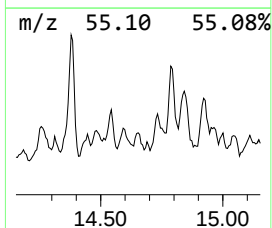
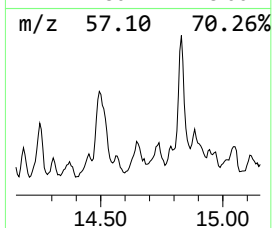
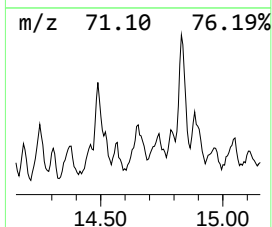
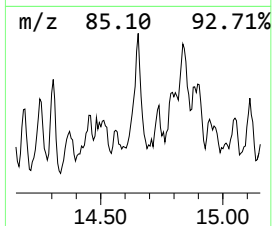
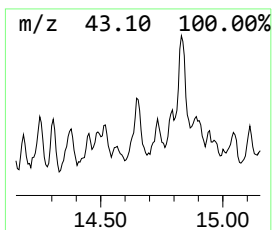
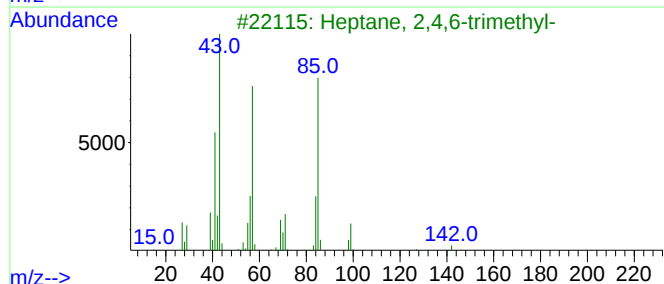
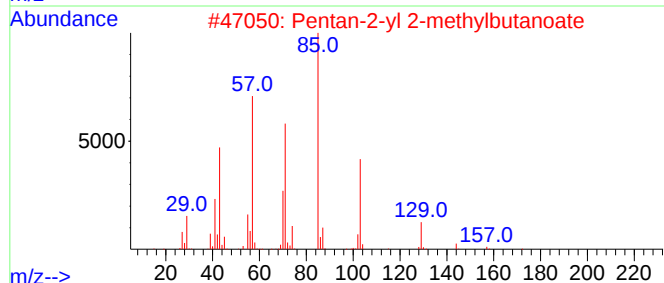
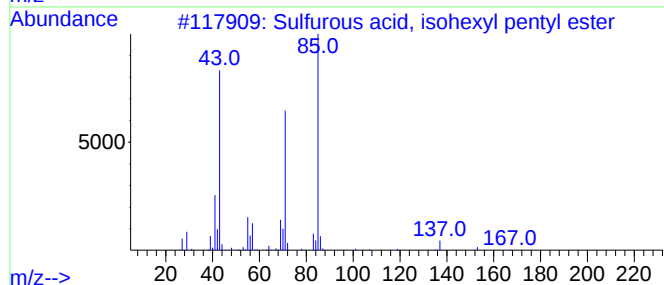
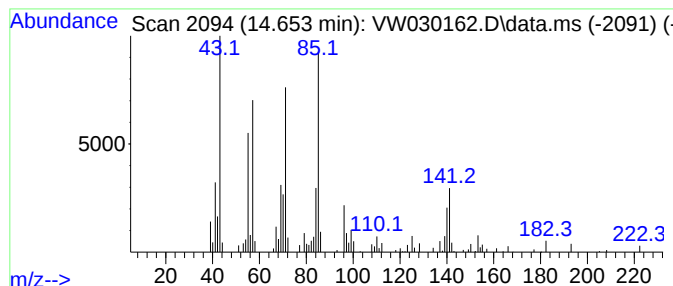
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Quant Title : SFAM01.0

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

Peak Number 32 Sulfurous acid, isohexyl pe... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	1.95 ug/L	38943	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	50
2			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	50
3			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	46
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	43
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

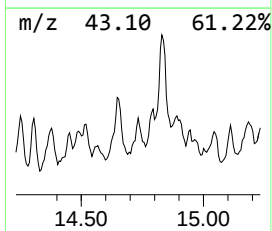
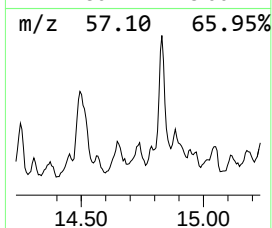
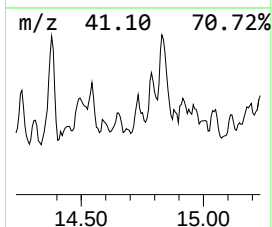
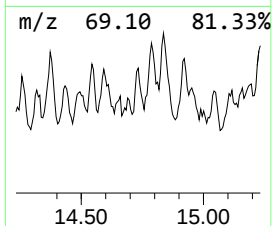
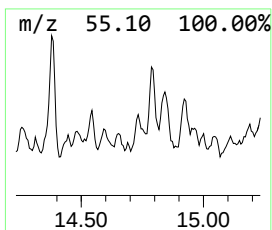
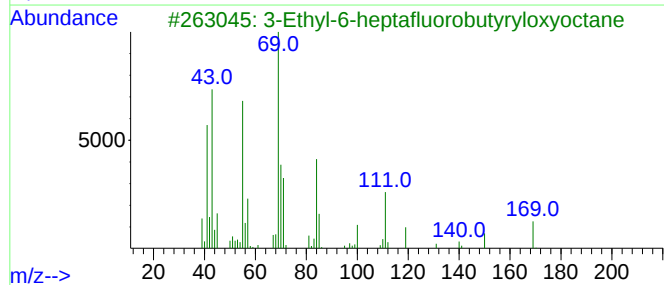
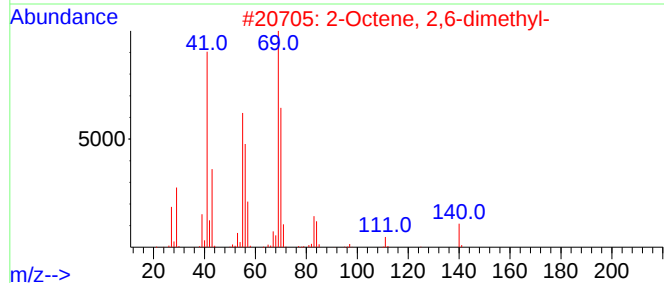
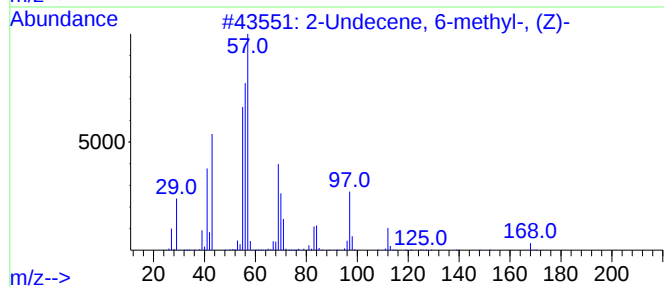
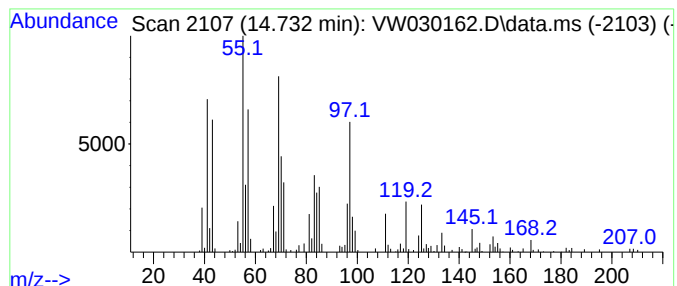
Instrument :
MSVOA_W
ClientSampleId :
A4EK0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.733	4.75 ug/L	94805	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Undecene, 6-methyl-, (Z)-		168	C12H24	074630-43-6	52
2	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	38
3	3-Ethyl-6-heptafluorobutyryloxy...		354	C14H21F7O2	1000215-97-4	38
4	3-Trifluoroacetoxy-6-ethyldecane		282	C14H25F3O2	116436-59-0	38
5	Cyclohexylmethanol, trifluoroace...		210	C9H13F3O2	164071-20-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

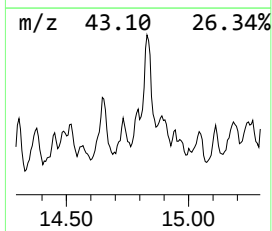
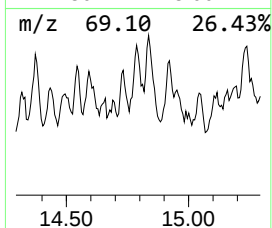
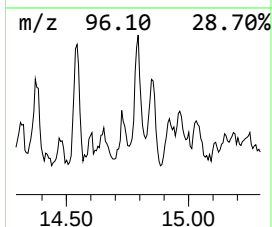
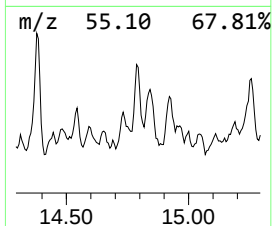
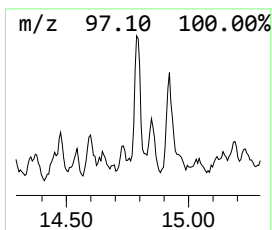
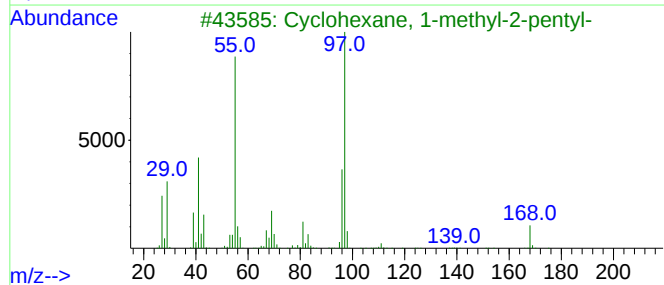
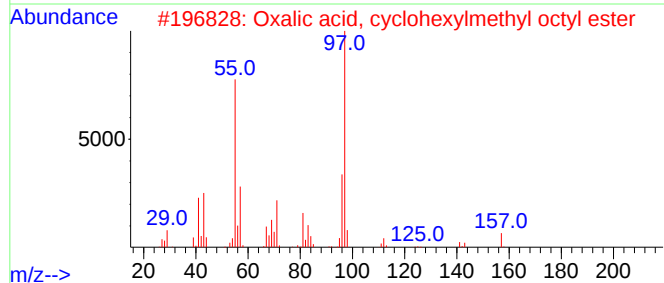
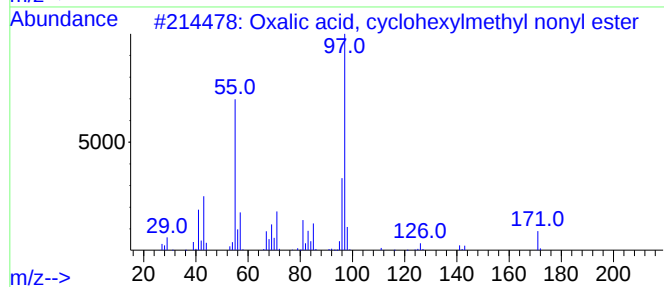
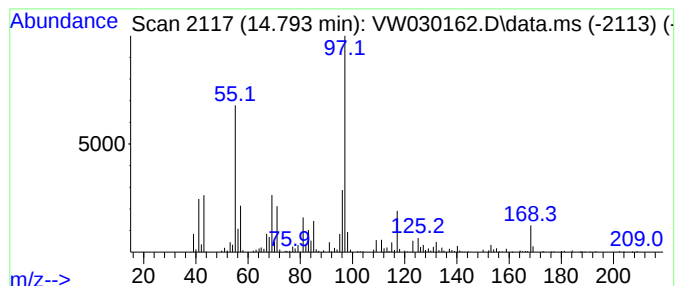
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Quant Title : SFAM01.0

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

Peak Number 34 Oxalic acid, cyclohexylmeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	9.17 ug/L	183114	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	68
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
4			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
5			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

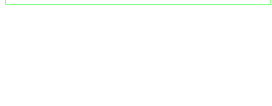
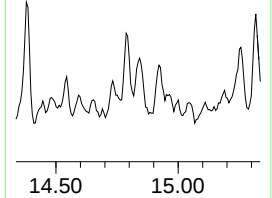
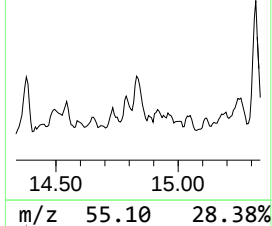
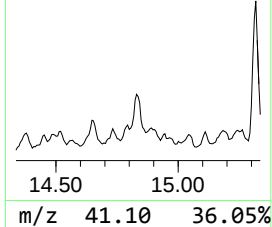
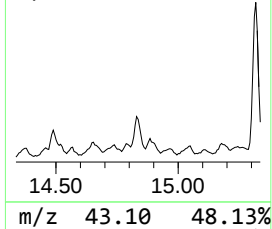
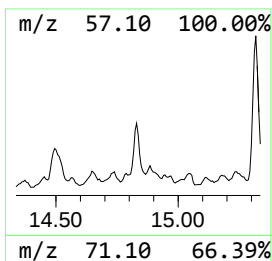
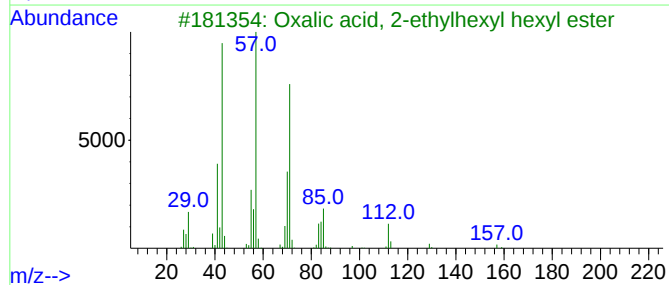
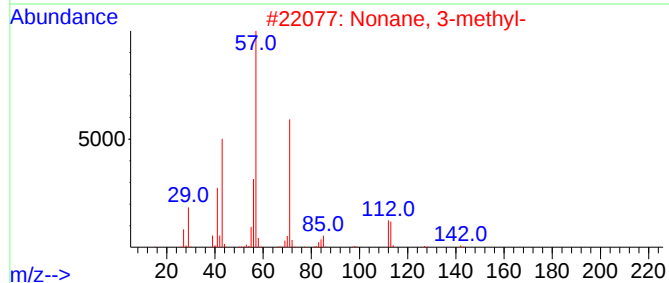
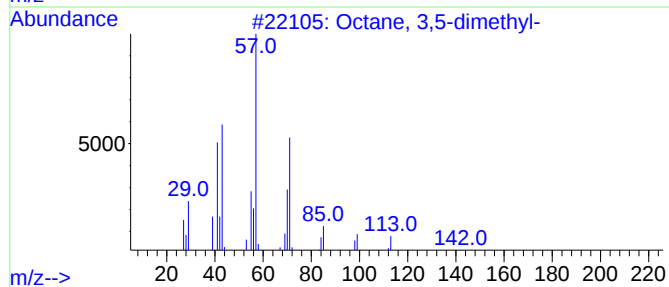
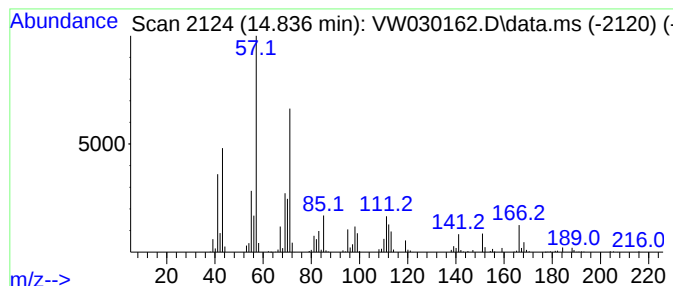
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.836	14.15 ug/L	282520	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	76
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	53
3	Oxalic acid, 2-ethylhexyl hexyl ...		286	C16H30O4	1000309-38-9	50
4	Heptane, 3-[(ethenlyoxy)methyl]-		156	C10H20O	000103-44-6	49
5	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

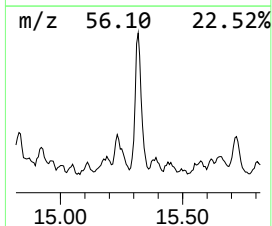
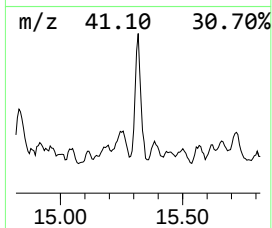
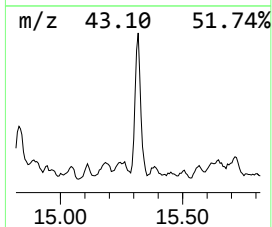
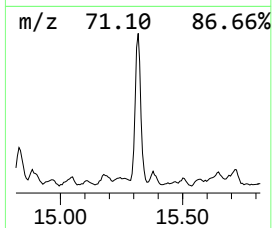
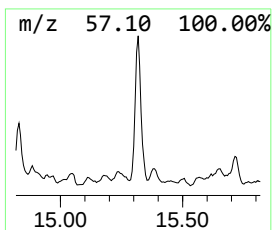
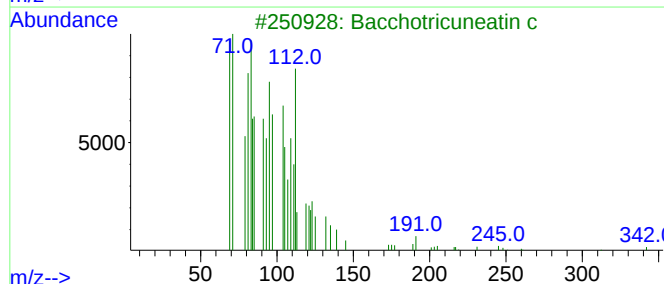
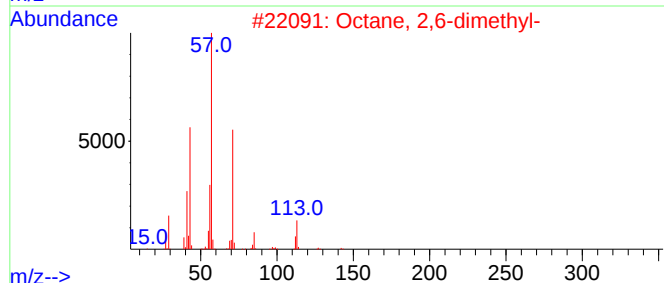
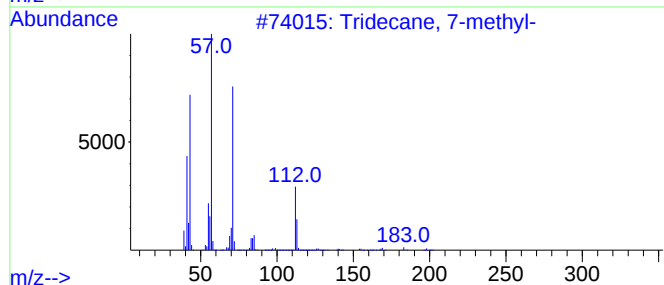
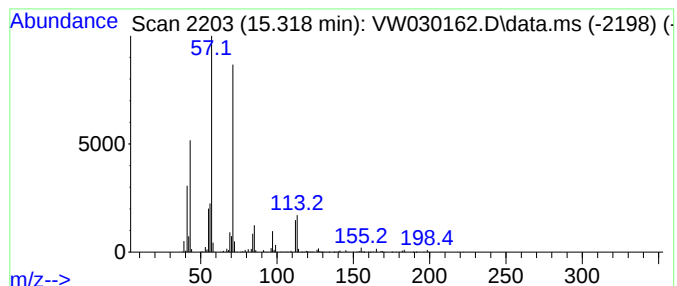
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	31.10 ug/L	621114	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

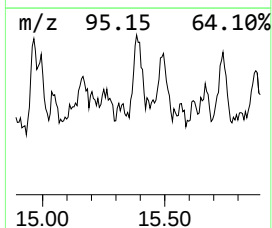
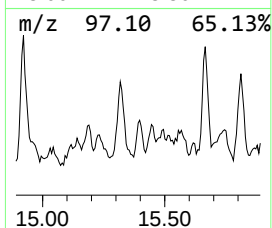
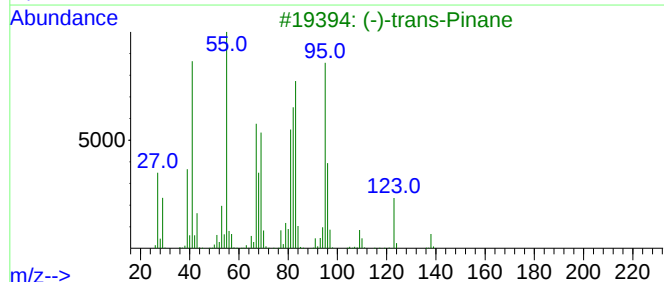
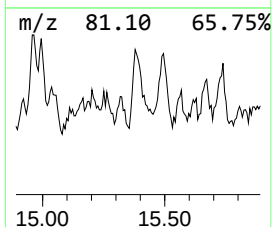
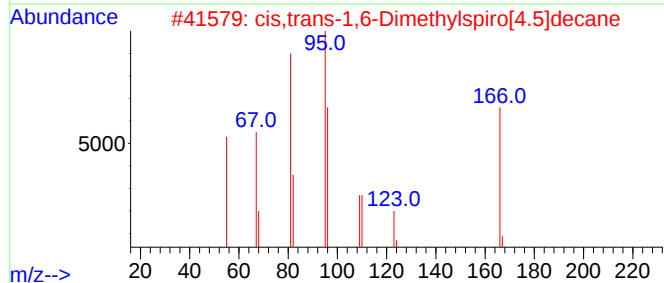
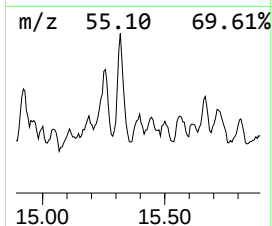
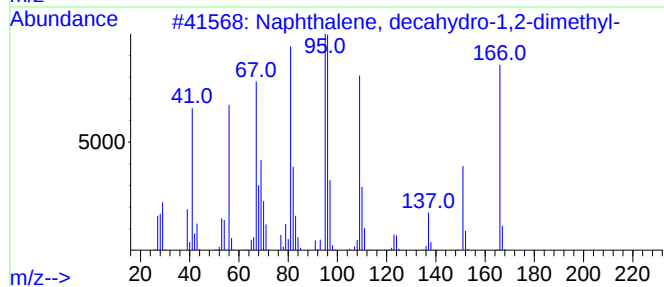
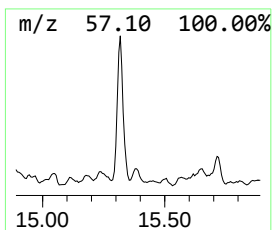
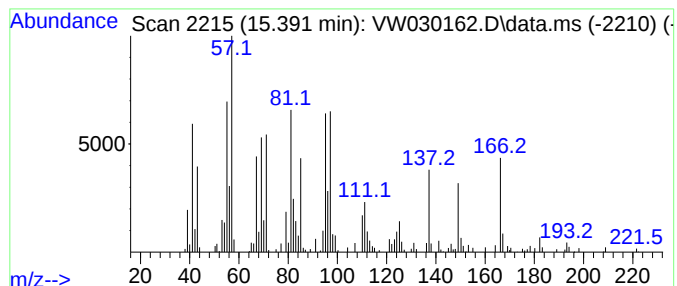
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Quant Title : SFAM01.0

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

Peak Number 37 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	6.48 ug/L	129488	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	38
2			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	38
3			(-)-trans-Pinane	138	C10H18	033626-25-4	35
4			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	30
5			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

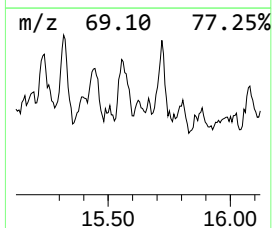
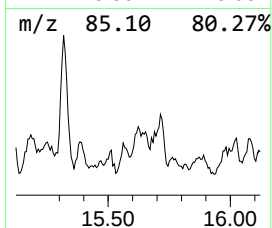
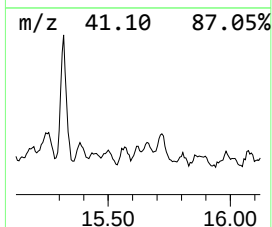
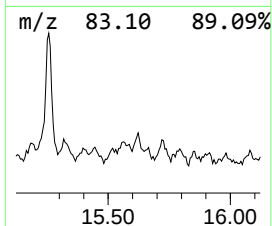
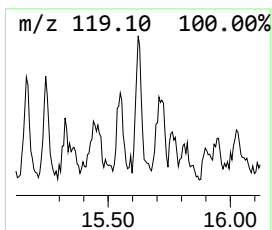
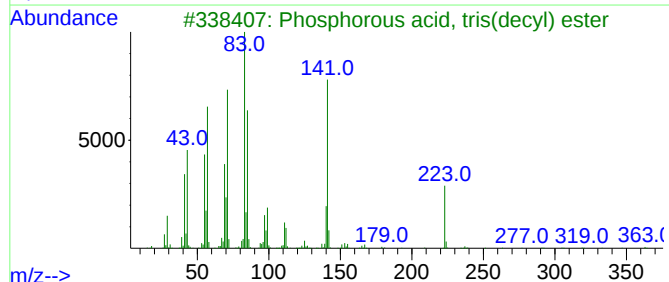
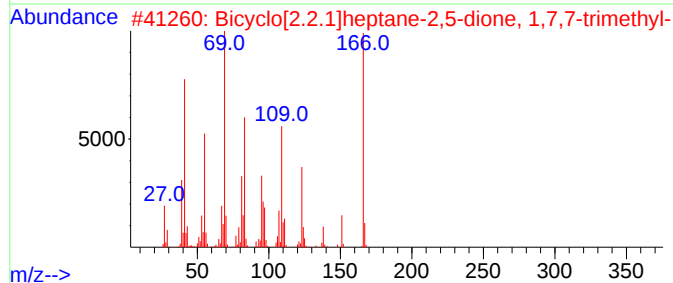
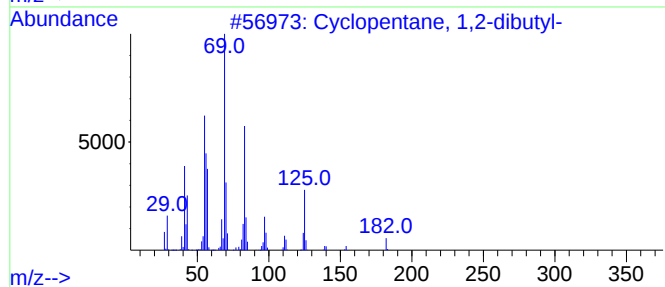
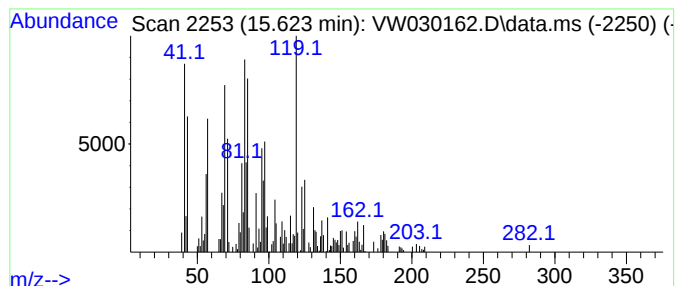
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Cyclic15.623 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.623	2.41 ug/L	48099	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	18
2			Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	14
3			Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	14
4			Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	14
5			4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

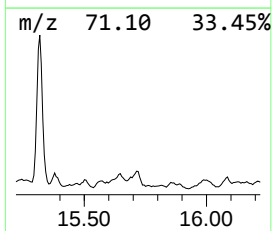
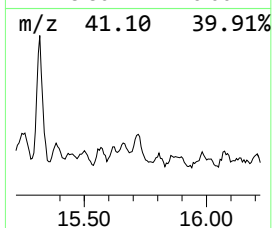
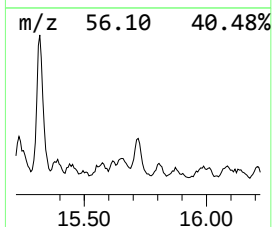
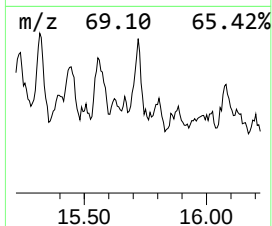
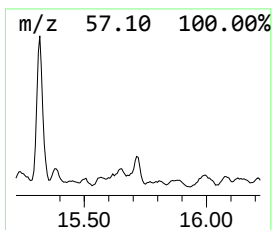
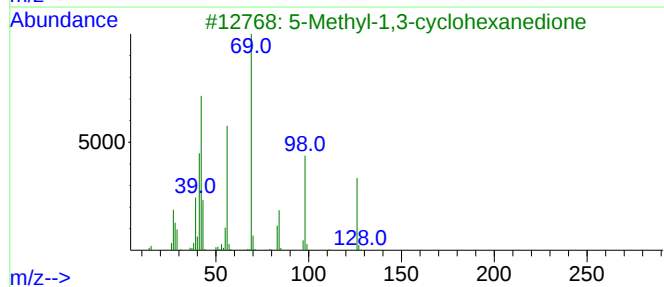
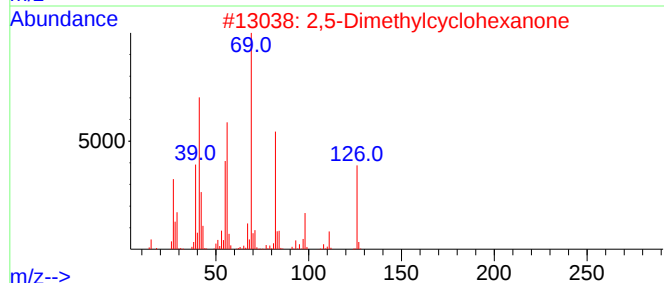
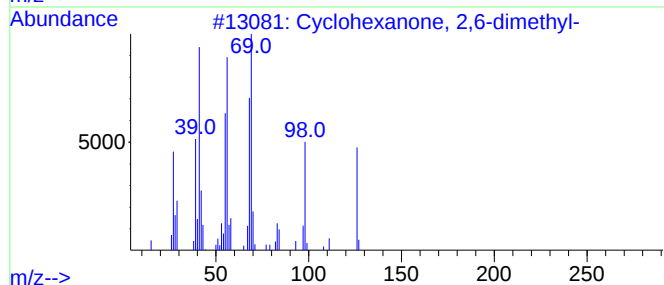
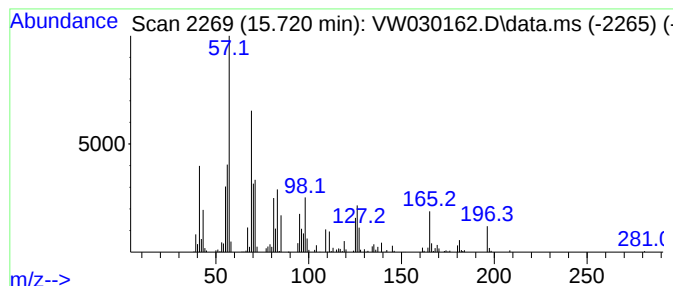
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Quant Title : SFAM01.0

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

Peak Number 39 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	9.90 ug/L	197772	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	46
2			2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	43
3			5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	43
4			1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	38
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

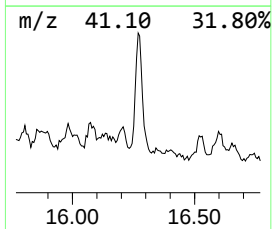
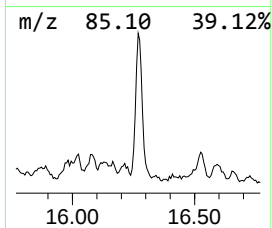
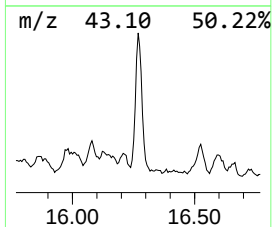
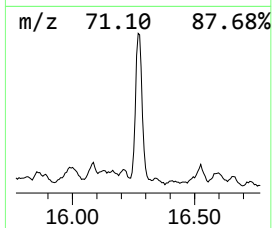
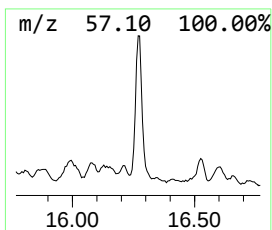
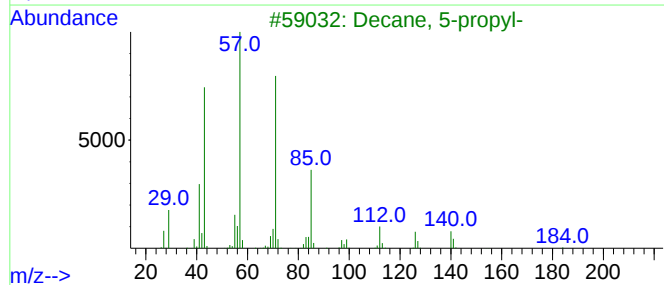
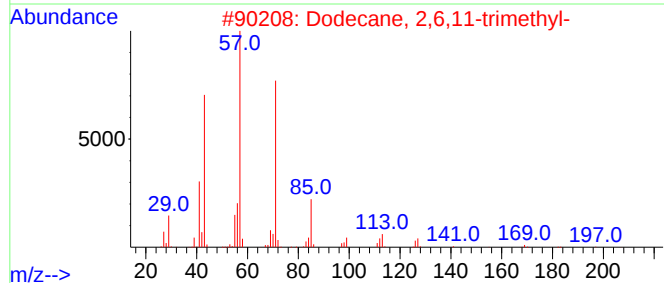
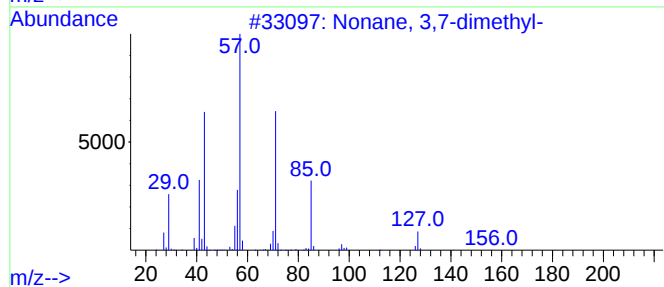
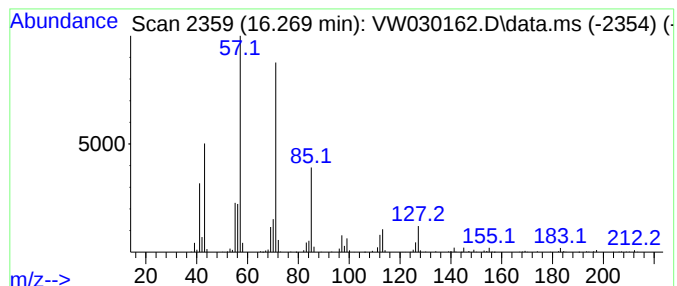
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	22.91 ug/L	457559	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		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Decane, 5-propyl-	184	C13H28	017312-62-8	74
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
Data File : VW030162.D
Acq On : 19 Sep 2024 20:56
Operator : SY/MD
Sample : P4109-08
Misc : 5.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.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	2.3	ug/L	88750	2	11.629	968045	25.0	
(DEL) Alkane: S...	11.337	1.6	ug/L	62040	2	11.629	968045	25.0	
(DEL) Alkane: C...	11.434	1.6	ug/L	62459	2	11.629	968045	25.0	
(DEL) Alkane: C...	11.873	2.1	ug/L	81748	2	11.629	968045	25.0	
(DEL) Alkane: S...	12.135	4.8	ug/L	187891	2	11.629	968045	25.0	
(DEL) Alkane: S...	12.245	5.3	ug/L	203808	2	11.629	968045	25.0	
(DEL) Alkane: S...	12.361	13.7	ug/L	532150	2	11.629	968045	25.0	
(DEL) Alkane: S...	12.446	1.3	ug/L	51635	2	11.629	968045	25.0	
(DEL) Alkane: S...	12.495	4.4	ug/L	170853	2	11.629	968045	25.0	
(DEL) Alkane: S...	12.611	5.7	ug/L	114389	3	13.556	499234	25.0	
(DEL) Alkane: C...	12.775	10.9	ug/L	217519	3	13.556	499234	25.0	
(DEL) Alkane: S...	12.855	7.7	ug/L	152863	3	13.556	499234	25.0	
(DEL) Alkane: C...	12.934	19.6	ug/L	391531	3	13.556	499234	25.0	
(DEL) Alkane: C...	12.989	5.4	ug/L	107096	3	13.556	499234	25.0	
(DEL) Alkane: S...	13.074	5.5	ug/L	110709	3	13.556	499234	25.0	
Sulfurous acid,...	13.117	4.2	ug/L	83293	3	13.556	499234	25.0	
(DEL) Alkane: S...	13.166	4.7	ug/L	94403	3	13.556	499234	25.0	
(DEL) Alkane: S...	13.288	6.1	ug/L	121489	3	13.556	499234	25.0	
(DEL) Alkane: S...	13.336	4.0	ug/L	80006	3	13.556	499234	25.0	
(DEL) Alkane: C...	13.440	19.5	ug/L	390180	3	13.556	499234	25.0	
unknown-01	13.477	4.9	ug/L	98720	3	13.556	499234	25.0	
(DEL) Alkane: C...	13.690	6.5	ug/L	130897	3	13.556	499234	25.0	
Oxalic acid, cy...	13.916	5.4	ug/L	107906	3	13.556	499234	25.0	
unknown-02	13.970	4.8	ug/L	96293	3	13.556	499234	25.0	
Bacchotricuneat...	14.184	3.8	ug/L	76221	3	13.556	499234	25.0	
Isopulegol	14.257	7.1	ug/L	141634	3	13.556	499234	25.0	
(DEL) Alkane: S...	14.312	2.7	ug/L	54302	3	13.556	499234	25.0	
1-Methylbicyclo...	14.379	15.2	ug/L	302535	3	13.556	499234	25.0	
Octyl thioglyco...	14.489	7.4	ug/L	148427	3	13.556	499234	25.0	
cis-Decalin, 2-...	14.544	6.9	ug/L	138182	3	13.556	499234	25.0	
Sulfurous acid,...	14.653	2.0	ug/L	38943	3	13.556	499234	25.0	
(DEL) Alkane: S...	14.733	4.8	ug/L	94805	3	13.556	499234	25.0	
Oxalic acid, cy...	14.793	9.2	ug/L	183114	3	13.556	499234	25.0	
(DEL) Alkane: S...	14.836	14.2	ug/L	282520	3	13.556	499234	25.0	
(DEL) Alkane: S...	15.318	31.1	ug/L	621114	3	13.556	499234	25.0	
unknown-03	15.391	6.5	ug/L	129488	3	13.556	499234	25.0	
(DEL) Alkane: C...	15.623	2.4	ug/L	48099	3	13.556	499234	25.0	
unknown-04	15.720	9.9	ug/L	197772	3	13.556	499234	25.0	
(DEL) Alkane: S...	16.269	22.9	ug/L	457559	3	13.556	499234	25.0	