

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024193.D
 Acq On : 05 Aug 2022 15:35
 Operator : SY/VA
 Sample : N4030-01
 Misc : 4.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0QB0

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\SFAMWLM080422SMA.M
 Title : SFAM01.0

Signal : TIC: VW024193.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.245	45	56	57	rBV6	12337	31319	1.18%	0.102%
2	2.343	66	72	81	rBV	177702	317064	11.93%	1.030%
3	2.873	153	159	168	rBV	98189	213197	8.02%	0.693%
4	3.885	321	325	326	rBV2	1231	1257	0.05%	0.004%
5	4.007	334	345	361	rBV	127021	410818	15.46%	1.335%
6	4.415	408	412	417	rVB4	1840	3903	0.15%	0.013%
7	4.562	432	436	439	rVB6	990	1398	0.05%	0.005%
8	4.629	443	447	448	rBV3	1096	1169	0.04%	0.004%
9	4.909	482	493	511	rBV3	31116	115675	4.35%	0.376%
10	5.104	522	525	526	rBV3	1179	1210	0.05%	0.004%
11	5.220	543	544	547	rVV3	915	1019	0.04%	0.003%
12	5.769	632	634	637	rVB4	842	1015	0.04%	0.003%
13	5.933	653	661	674	rVV3	14208	42902	1.61%	0.139%
14	6.452	744	746	753	rVB6	1943	2556	0.10%	0.008%
15	6.512	753	756	758	rBV2	865	1035	0.04%	0.003%
16	6.543	758	761	764	rVB5	1004	1083	0.04%	0.004%
17	6.872	811	815	816	rBV4	747	1009	0.04%	0.003%
18	6.903	816	820	821	rBV3	1165	1175	0.04%	0.004%
19	6.927	821	824	827	rVB4	1203	1119	0.04%	0.004%
20	7.079	839	849	855	rBV2	40345	109493	4.12%	0.356%
21	7.153	856	861	872	rVV	37546	100298	3.77%	0.326%
22	7.506	916	919	920	rVV3	1075	1132	0.04%	0.004%
23	7.549	923	926	929	rVV5	886	1485	0.06%	0.005%
24	7.646	929	942	954	rVV	226421	549847	20.69%	1.786%
25	8.122	1016	1020	1023	rBV5	1269	1881	0.07%	0.006%
26	8.165	1025	1027	1030	rVB4	1138	1194	0.04%	0.004%
27	8.274	1033	1045	1061	rBV2	423241	1292115	48.62%	4.198%
28	8.610	1098	1100	1106	rVB7	1151	1654	0.06%	0.005%
29	8.689	1110	1113	1117	rVB4	1748	2204	0.08%	0.007%
30	8.841	1129	1138	1156	rBV	393279	775760	29.19%	2.521%
31	8.982	1159	1161	1164	rBV4	881	1010	0.04%	0.003%
32	9.274	1199	1209	1218	rBV	295095	604640	22.75%	1.965%
33	9.439	1233	1236	1239	rBV4	726	1207	0.05%	0.004%
34	9.610	1261	1264	1270	rVB7	2041	3356	0.13%	0.011%
35	9.664	1270	1273	1276	rBV4	902	1018	0.04%	0.003%
36	9.744	1284	1286	1291	rVB6	1092	1416	0.05%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Title : SFAM01.0

37	9.823	1297	1299	1302	rVB4	1317	1044	0.04%	0.003%
38	9.957	1316	1321	1324	rBV6	2923	5513	0.21%	0.018%
39	10.030	1326	1333	1347	rVV2	154967	293084	11.03%	0.952%
40	10.213	1359	1363	1367	rBV4	2863	5026	0.19%	0.016%
41	10.323	1373	1381	1390	rBV	598642	1051940	39.58%	3.418%
42	10.493	1405	1409	1414	rVB7	4628	9122	0.34%	0.030%
43	10.579	1416	1423	1429	rBV	105762	185660	6.99%	0.603%
44	10.658	1435	1436	1439	rBV3	2178	2610	0.10%	0.008%
45	10.701	1440	1443	1448	rVB2	8105	12888	0.48%	0.042%
46	10.750	1448	1451	1456	rBV6	2839	5758	0.22%	0.019%
47	10.847	1463	1467	1472	rVB7	3532	6259	0.24%	0.020%
48	10.926	1473	1480	1491	rBV	176056	310076	11.67%	1.007%
49	11.067	1493	1503	1508	rBV	67943	122478	4.61%	0.398%
50	11.176	1517	1521	1525	rBV4	7677	11342	0.43%	0.037%
51	11.225	1525	1529	1534	rVB3	15836	26197	0.99%	0.085%
52	11.335	1543	1547	1552	rBV3	10745	17814	0.67%	0.058%
53	11.414	1555	1560	1561	rBV3	12654	20569	0.77%	0.067%
54	11.512	1570	1576	1581	rBV3	16148	28455	1.07%	0.092%
55	11.627	1587	1595	1606	rBV	538427	920820	34.65%	2.992%
56	11.725	1608	1611	1614	rBV4	4814	7908	0.30%	0.026%
57	11.762	1614	1617	1620	rVB4	6336	6530	0.25%	0.021%
58	11.841	1621	1630	1633	rBV5	72335	140707	5.29%	0.457%
59	11.975	1647	1652	1653	rBV4	7202	10749	0.40%	0.035%
60	12.054	1660	1665	1671	rVB5	21460	39414	1.48%	0.128%
61	12.133	1671	1678	1681	rBV5	66956	140976	5.30%	0.458%
62	12.249	1692	1697	1702	rVB	131830	203112	7.64%	0.660%
63	12.359	1702	1715	1723	rBV5	112231	435251	16.38%	1.414%
64	12.475	1728	1734	1735	rBV5	34063	67258	2.53%	0.219%
65	12.621	1753	1758	1759	rBV4	29340	45440	1.71%	0.148%
66	12.646	1759	1762	1765	rVV	85762	118145	4.45%	0.384%
67	12.688	1765	1769	1775	rVB	275491	446987	16.82%	1.452%
68	12.780	1780	1784	1790	rVB3	134792	249506	9.39%	0.811%
69	12.859	1791	1797	1801	rBV4	140861	273919	10.31%	0.890%
70	12.926	1803	1808	1815	rVV2	986776	1705478	64.18%	5.541%
71	13.078	1829	1833	1834	rBV3	125261	162262	6.11%	0.527%
72	13.164	1843	1847	1853	rVB	496375	728208	27.40%	2.366%
73	13.249	1857	1861	1865	rVV	300932	443387	16.68%	1.441%
74	13.286	1865	1867	1871	rVB	95150	119585	4.50%	0.389%
75	13.341	1873	1876	1879	rVV	83179	92991	3.50%	0.302%
76	13.444	1887	1893	1896	rBV4	293906	548407	20.64%	1.782%

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 Title : SFAM01.0

77	13.481	1896	1899	1903	rVB2	155629	192816	7.26%	0.626%
78	13.554	1907	1911	1913	rBV2	542624	798895	30.06%	2.596%
79	13.749	1939	1943	1945	rBV2	120581	177458	6.68%	0.577%
80	13.786	1946	1949	1954	rVB2	216930	311211	11.71%	1.011%
81	13.871	1955	1963	1968	rBV2	1396310	2657518	100.00%	8.634%
82	14.090	1995	1999	2003	rVB	303757	432001	16.26%	1.404%
83	14.200	2012	2017	2022	rVB2	338687	543273	20.44%	1.765%
84	14.334	2034	2039	2043	rBV2	231354	426605	16.05%	1.386%
85	14.383	2043	2047	2049	rVV2	268960	424417	15.97%	1.379%
86	14.414	2050	2052	2056	rVV2	312049	489226	18.41%	1.590%
87	14.450	2056	2058	2062	rVV	286725	372040	14.00%	1.209%
88	14.493	2062	2065	2069	rVV2	186887	279357	10.51%	0.908%
89	14.542	2069	2073	2080	rVB5	192637	378710	14.25%	1.230%
90	14.633	2086	2088	2092	rVB	94279	117231	4.41%	0.381%
91	14.718	2093	2102	2107	rVB4	463173	907930	34.16%	2.950%
92	14.791	2108	2114	2120	rBV3	553224	1311656	49.36%	4.262%
93	14.956	2137	2141	2146	rBV2	136923	233426	8.78%	0.758%
94	15.060	2154	2158	2170	rBV4	211353	529147	19.91%	1.719%
95	15.169	2171	2176	2184	rVB3	232708	523671	19.71%	1.701%
96	15.316	2196	2200	2204	rBV3	237116	407226	15.32%	1.323%
97	15.547	2234	2238	2247	rVB	600390	1003468	37.76%	3.260%
98	16.431	2379	2383	2387	rBV3	271670	554484	20.86%	1.802%
99	16.486	2387	2392	2404	rVB	840560	1705339	64.17%	5.541%
100	16.633	2410	2416	2428	rVB	891222	2378317	89.49%	7.727%

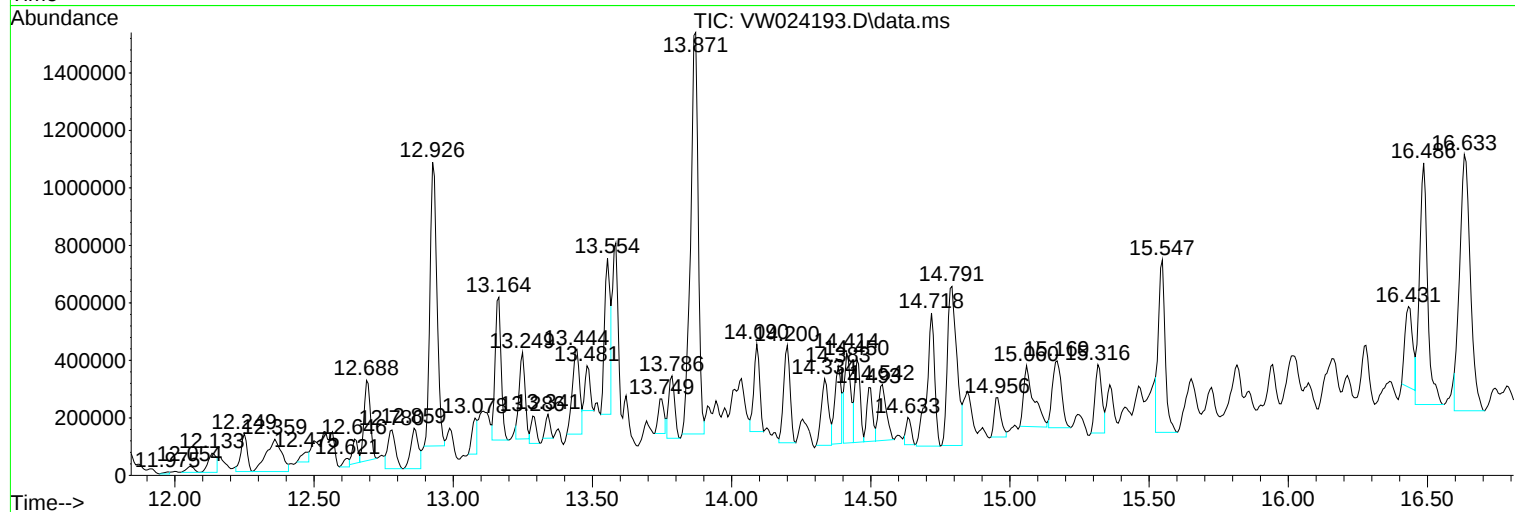
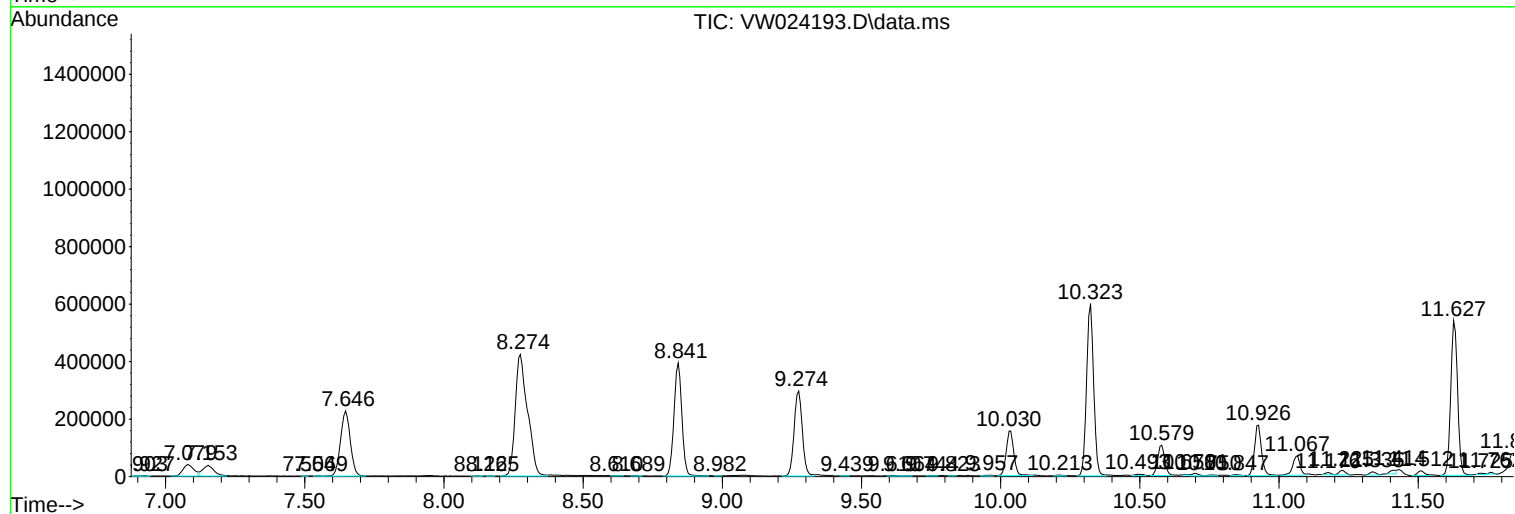
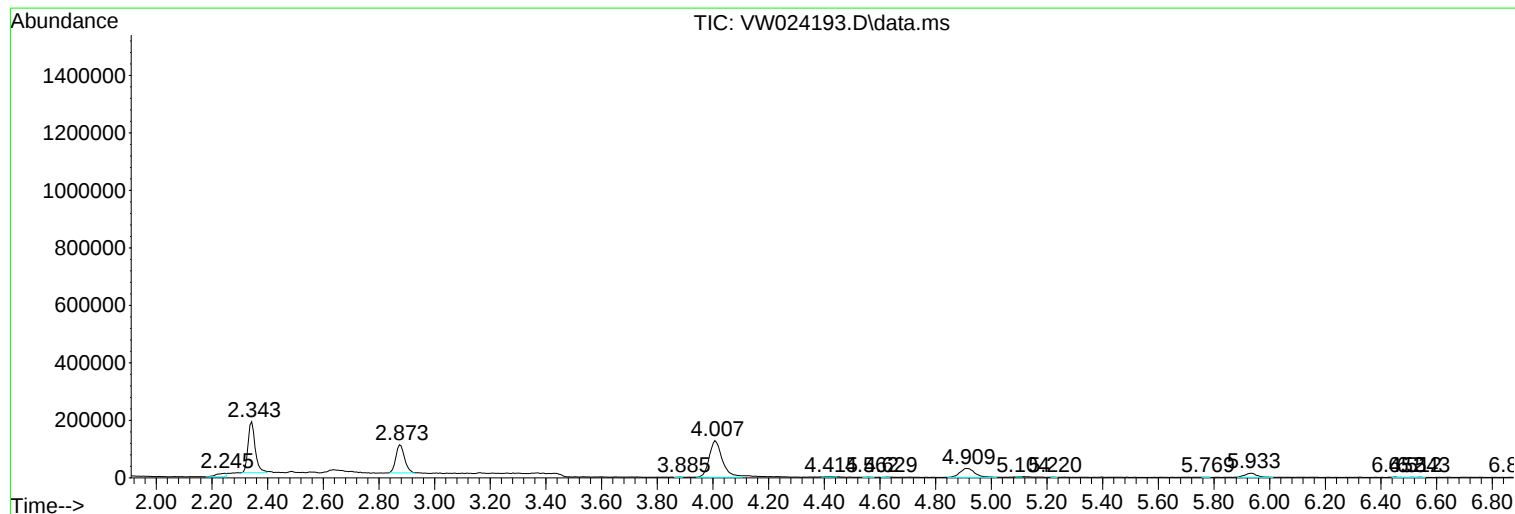
Sum of corrected areas: 30777930

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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



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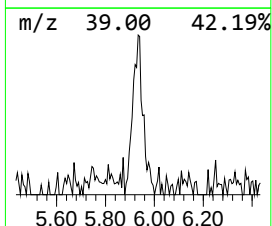
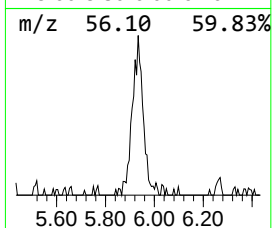
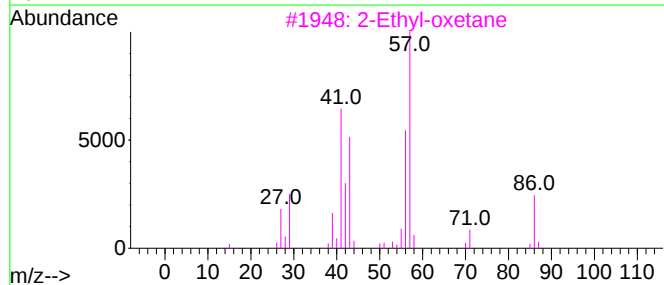
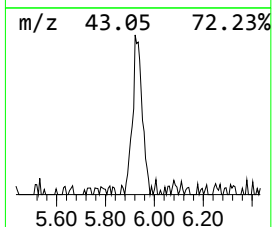
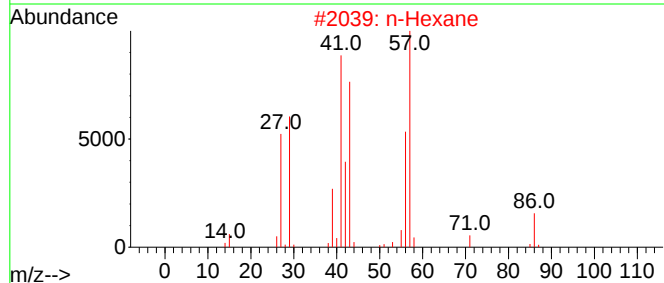
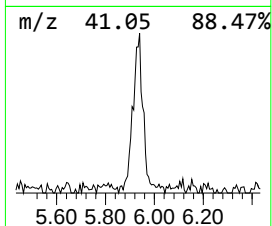
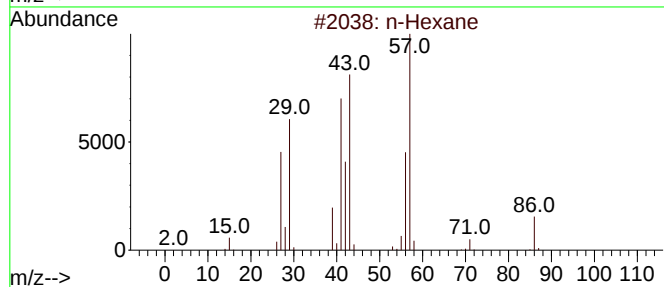
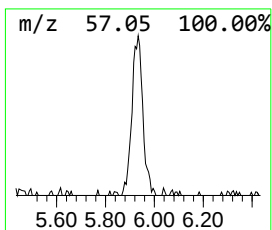
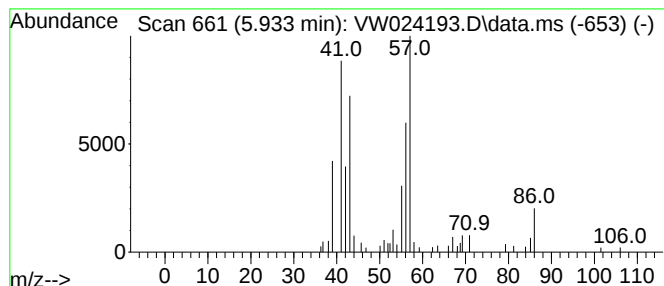
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.933	1.38 ug/L	42902	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	49
2			n-Hexane	86	C6H14	000110-54-3	49
3			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	43
4			n-Hexane	86	C6H14	000110-54-3	43
5			2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	40



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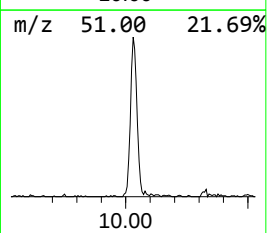
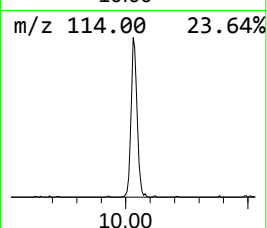
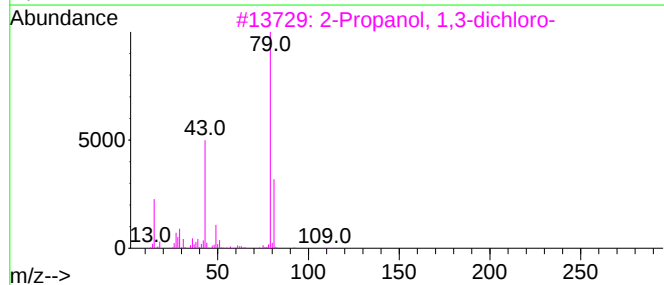
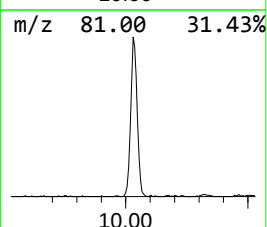
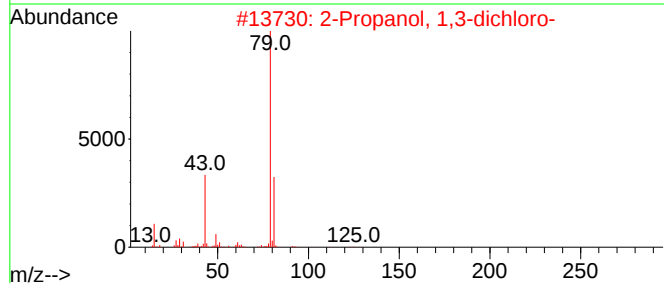
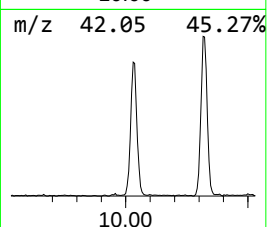
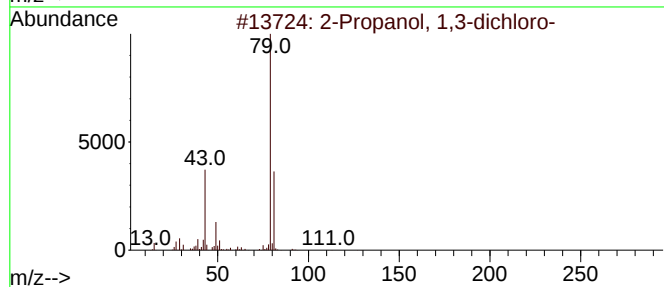
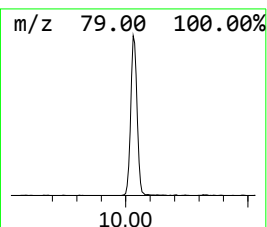
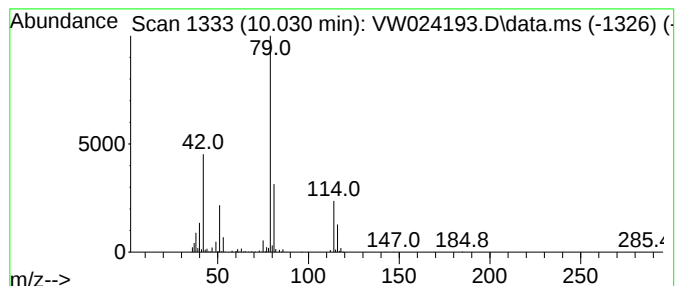
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.030	9.45 ug/L	293084	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,3-dichloro-			128	C3H6Cl2O	000096-23-1	23
2	2-Propanol, 1,3-dichloro-			128	C3H6Cl2O	000096-23-1	17
3	2-Propanol, 1,3-dichloro-			128	C3H6Cl2O	000096-23-1	9
4	.alpha.,.alpha.-Dichloromethyl m...			114	C2H4Cl2O	004885-02-3	9
5	Thiophosgene			114	CCl2S	000463-71-8	9



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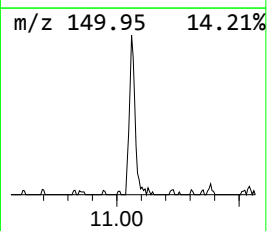
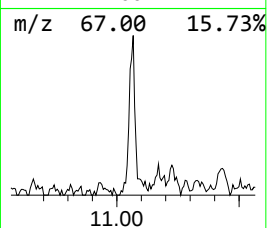
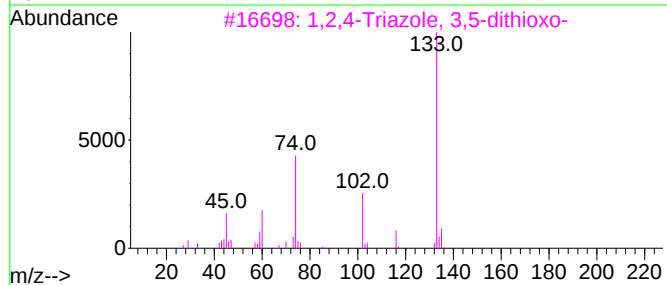
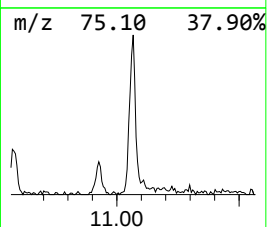
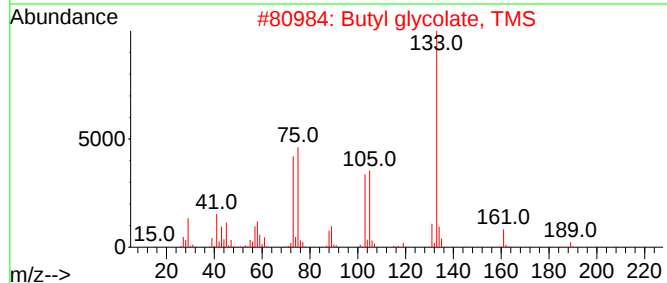
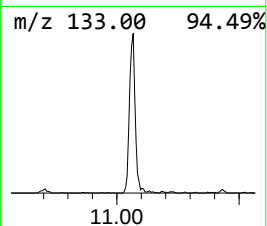
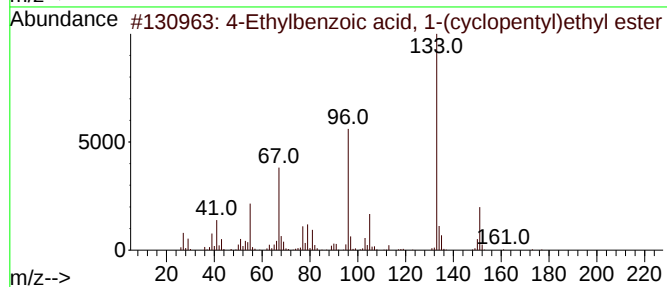
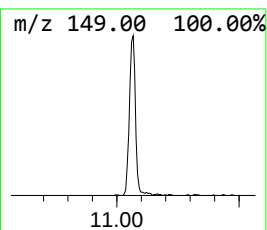
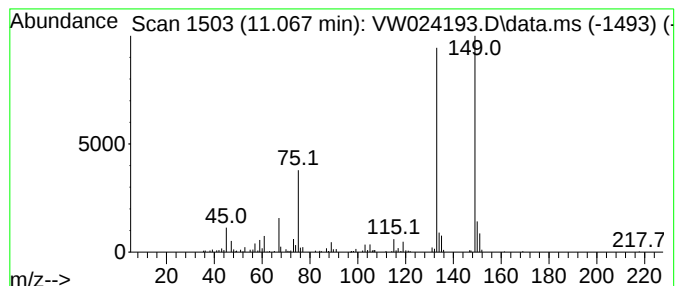
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Quant Title : SFAM01.0

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

Peak Number 4 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	3.33 ug/L	122478	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylbenzoic acid, 1-(cyclopentyl)ethyl ester	246	C16H22O2	1010293-32-2	35
2			Butyl glycolate, TMS	204	C9H20O3Si	087826-84-4	32
3			1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	30
4			7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	30
5			Acetylthiosemicarbazide	133	C3H7N3OS	002302-88-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

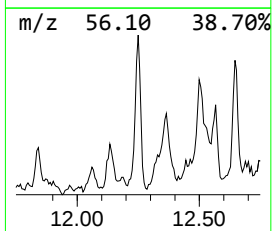
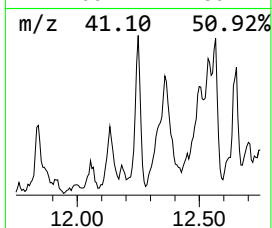
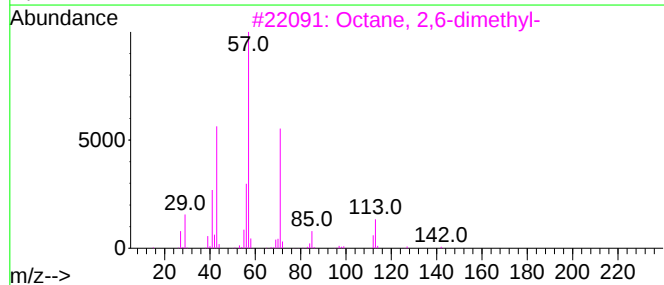
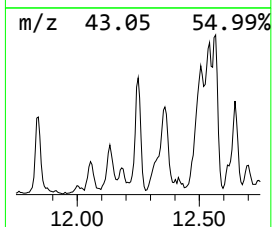
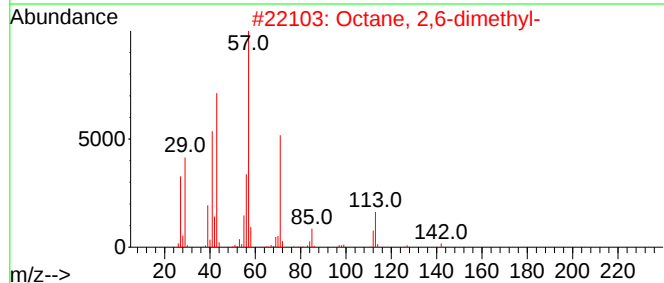
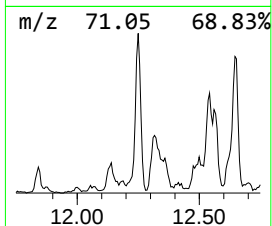
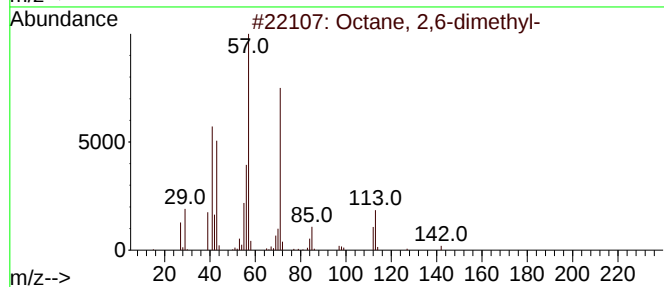
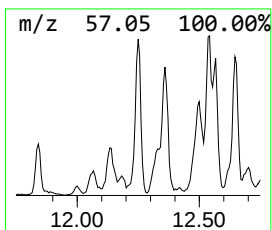
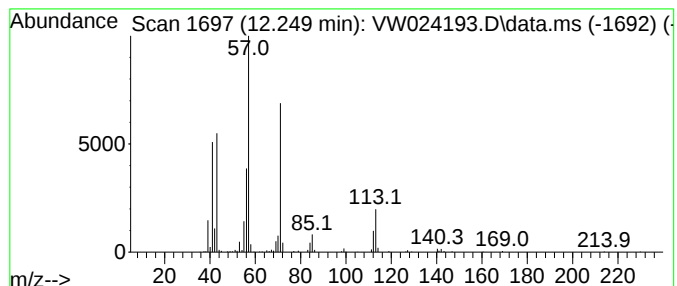
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ClientSampleId :
C0QB0

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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.249	5.51 ug/L	203112	Chlorobenzene-d5			11.627
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	93
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	87
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

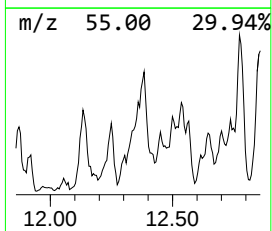
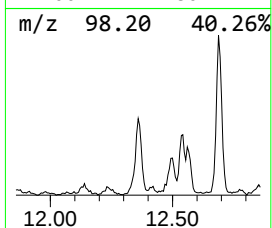
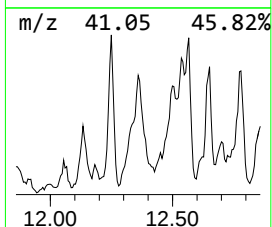
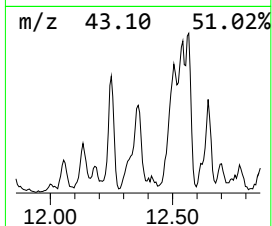
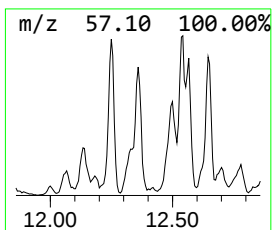
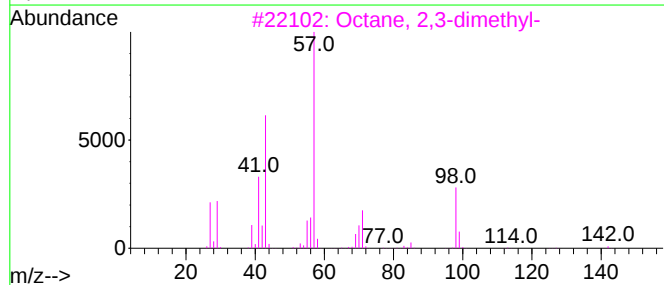
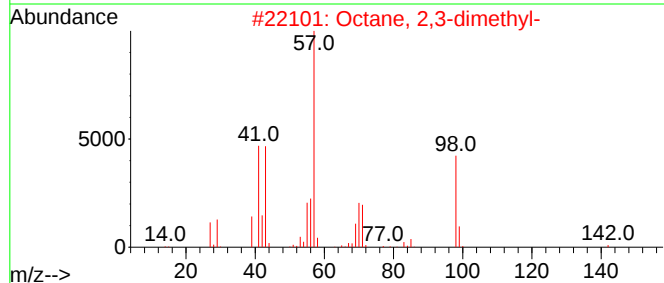
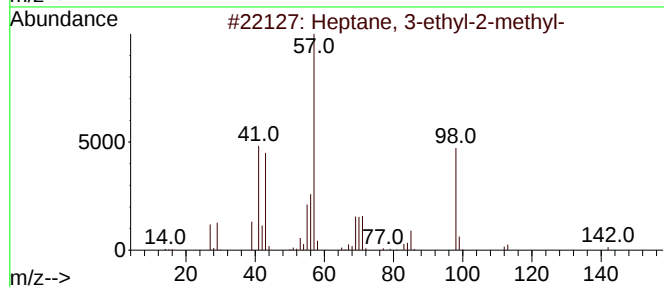
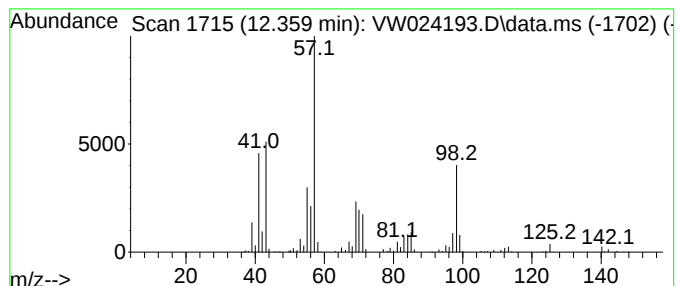
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.359	11.82 ug/L	435251	Chlorobenzene-d5		11.627	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	81
2	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	81
3	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	59
4	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	53
5	Carbonic acid, heptyl vinyl ester		186	C10H18O3	1010383-25-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

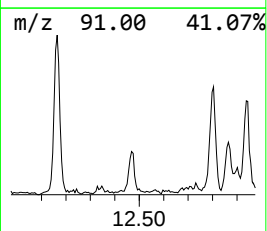
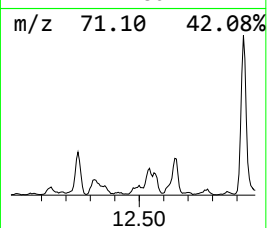
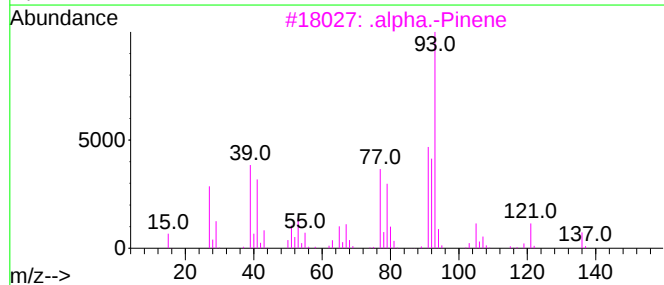
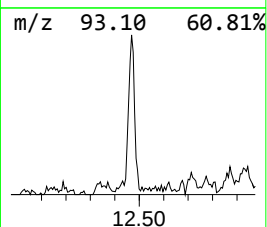
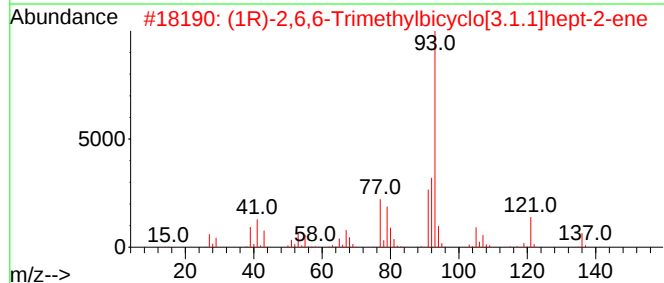
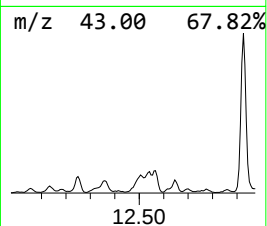
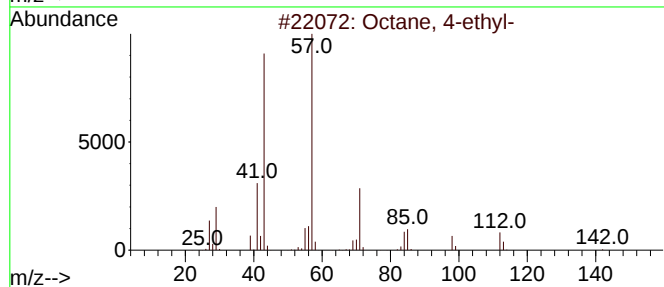
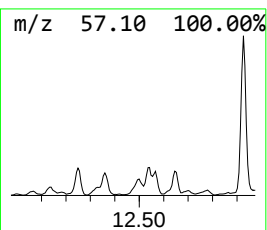
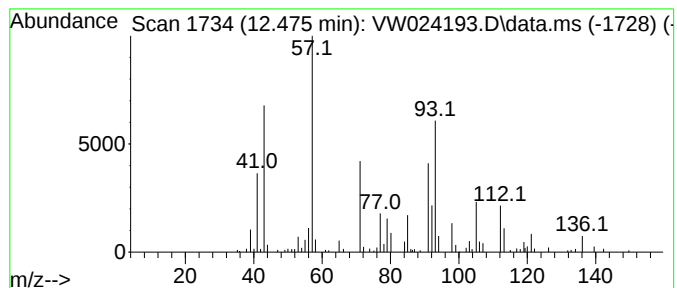
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	1.83 ug/L	67258	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-			142	C10H22	015869-86-0	55
2	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	35
3	.alpha.-Pinene			136	C10H16	000080-56-8	35
4	.alpha.-Pinene			136	C10H16	000080-56-8	35
5	.alpha.-Pinene			136	C10H16	000080-56-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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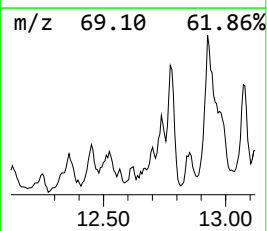
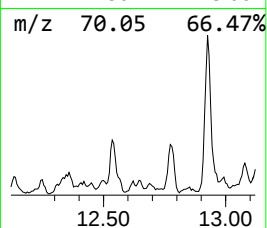
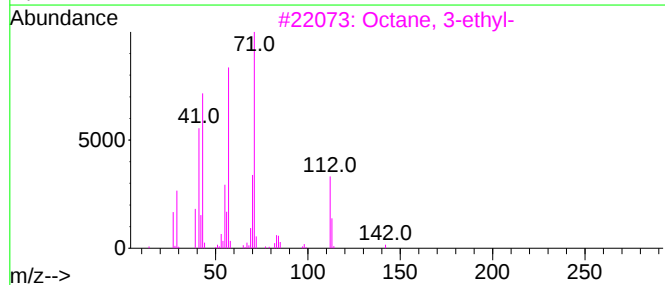
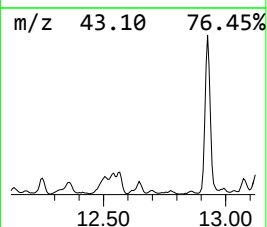
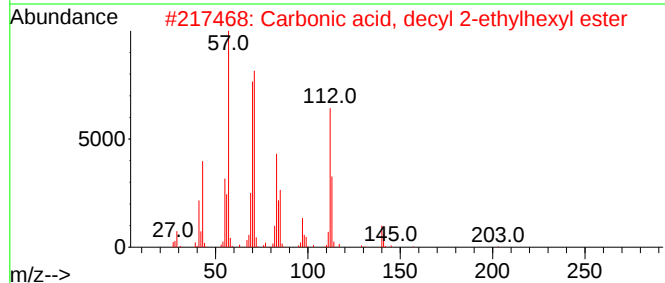
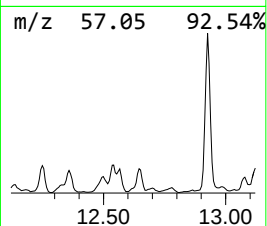
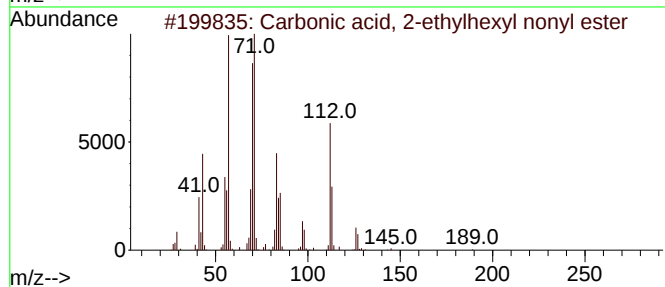
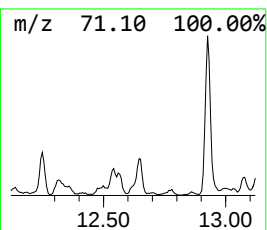
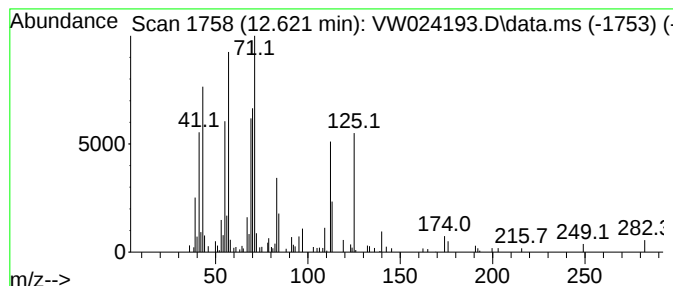
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Quant Title : SFAM01.0

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

Peak Number 8 Carbonic acid, 2-ethylhexyl... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	1.42 ug/L	45440	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, 2-ethylhexyl nonyl...	300	C18H36O3	1000383-13-6	53
2			Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	47
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	47
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

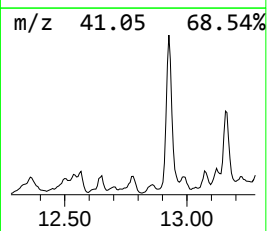
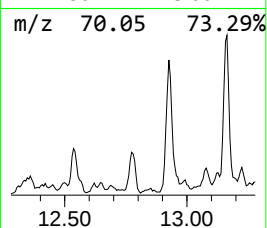
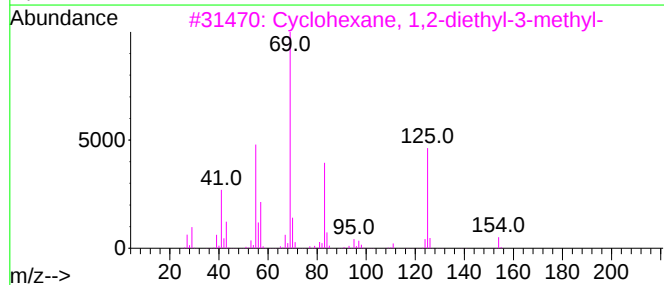
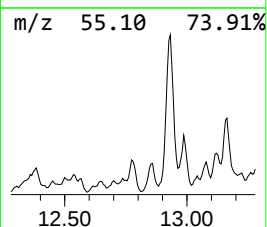
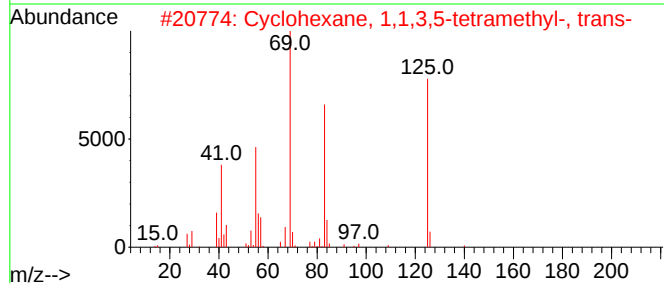
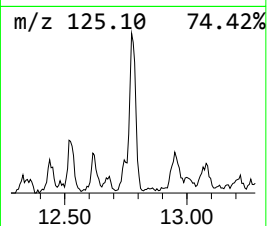
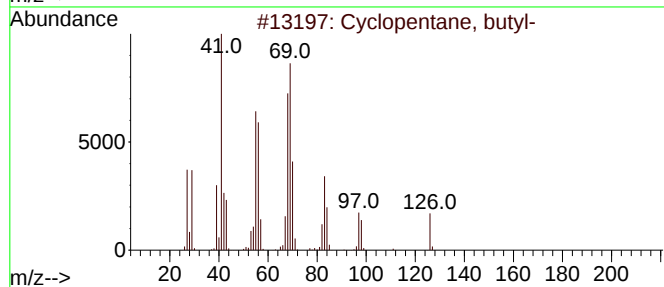
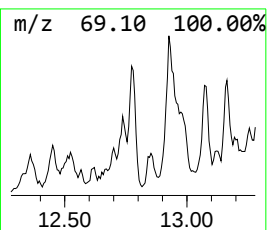
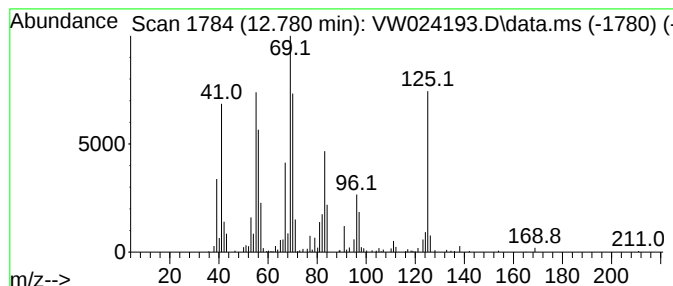
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.780 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.780	7.81 ug/L	249506	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-		126	C9H18	002040-95-1	46
2	Cyclohexane, 1,1,3,5-tetramethyl...		140	C10H20	050876-31-8	43
3	Cyclohexane, 1,2-diethyl-3-methyl-		154	C11H22	061141-80-8	43
4	Cyclopentane, (2-methylpropyl)-		126	C9H18	003788-32-7	38
5	Cyclopropane, nonyl-		168	C12H24	074663-85-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

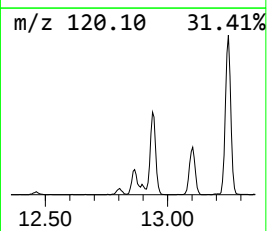
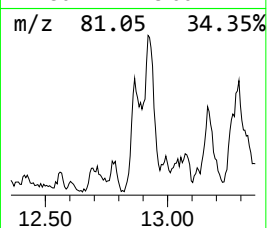
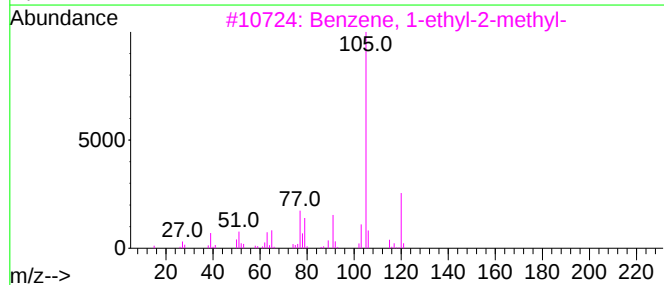
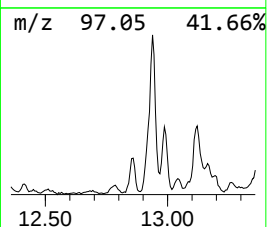
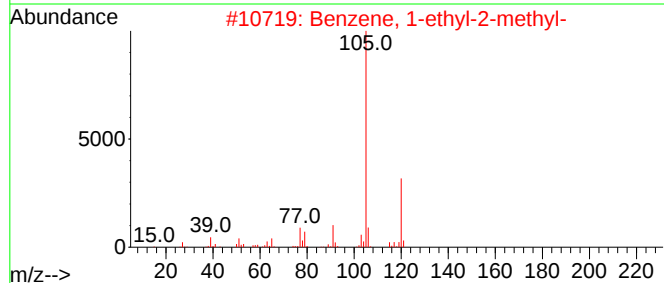
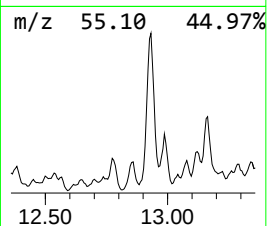
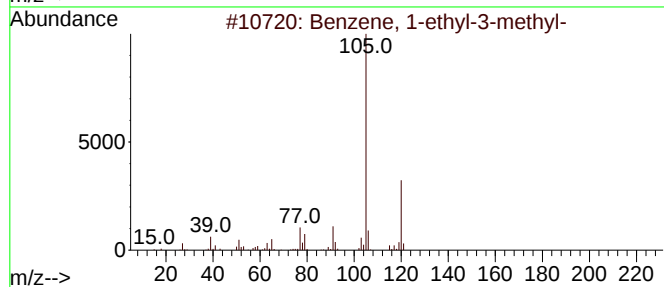
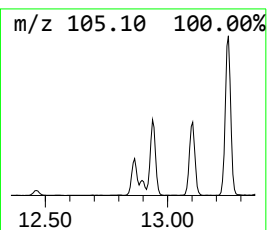
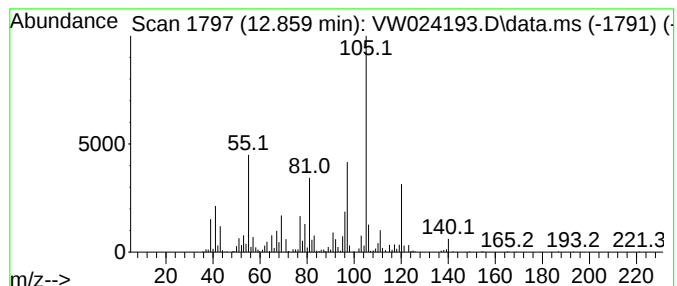
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	8.57 ug/L	273919	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

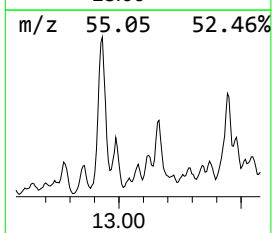
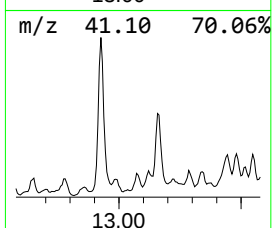
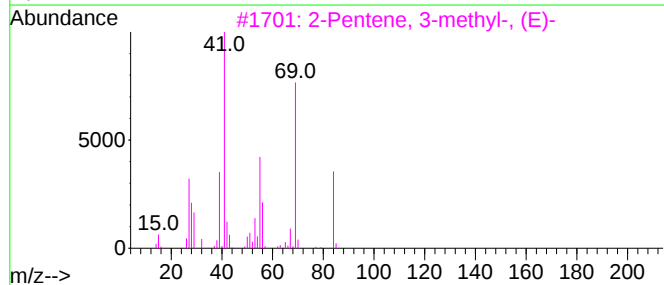
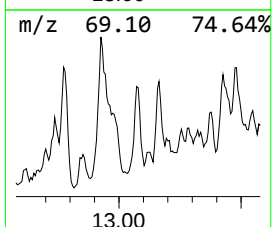
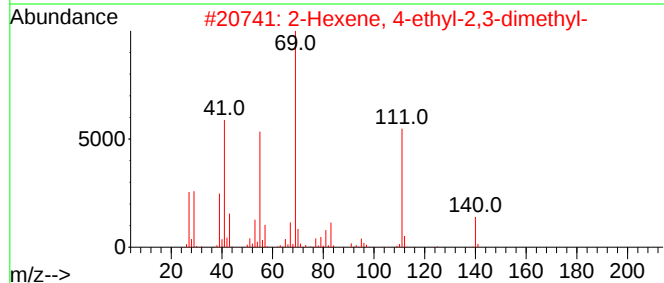
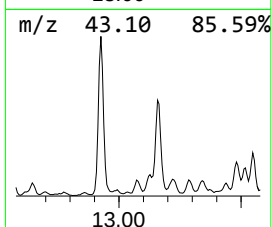
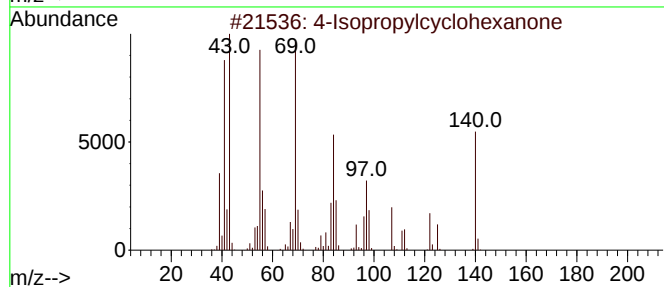
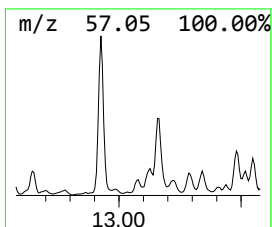
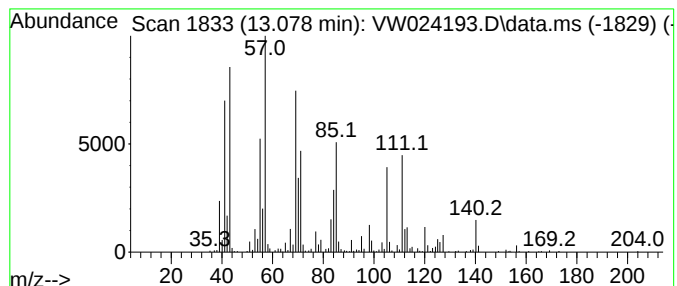
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Quant Title : SFAM01.0

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

Peak Number 11 4-Isopropylcyclohexanone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.078	5.08 ug/L	162262	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	50
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	45
3			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38
4			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38
5			Pentane, 3-methylene-	84	C6H12	000760-21-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

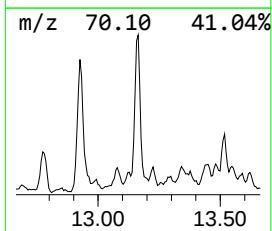
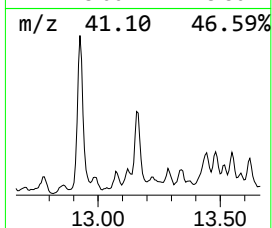
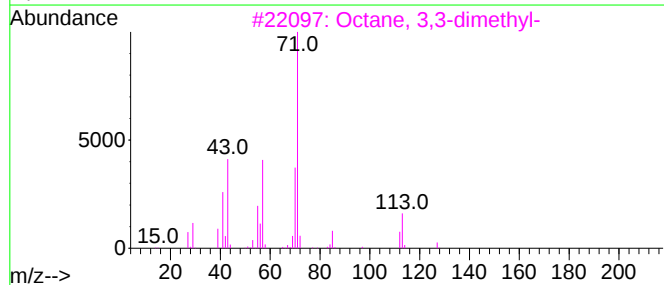
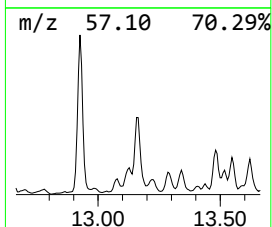
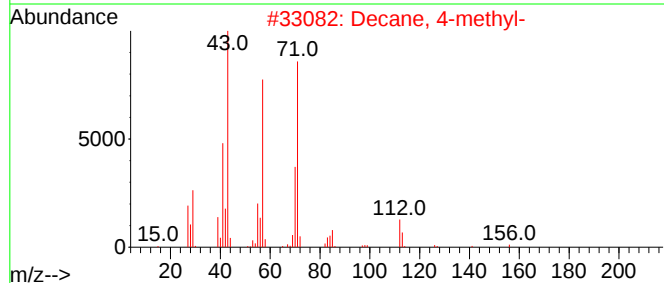
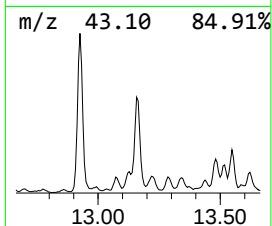
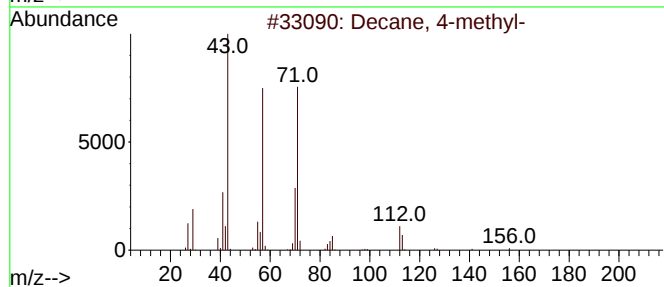
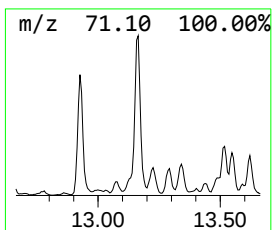
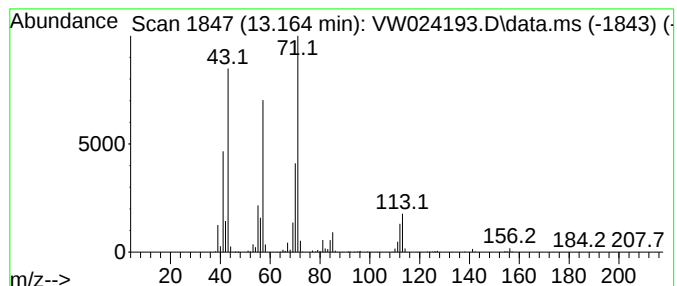
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	22.79 ug/L	728208	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	91
2			Decane, 4-methyl-	156	C11H24	002847-72-5	90
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

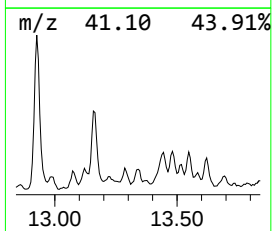
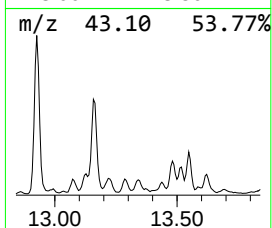
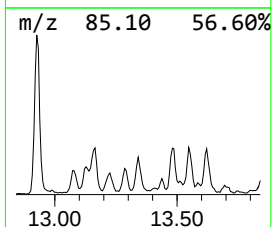
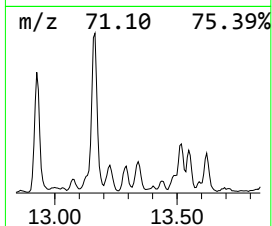
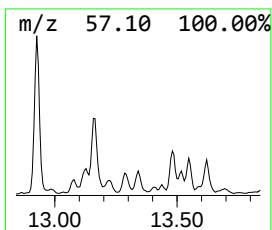
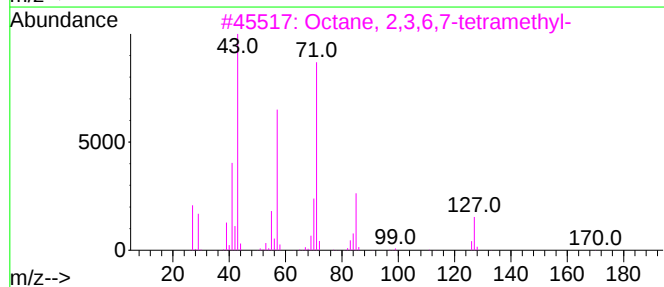
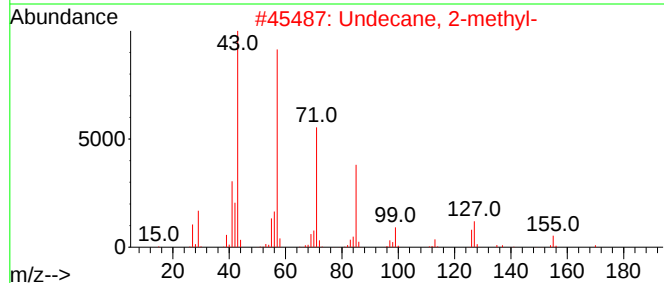
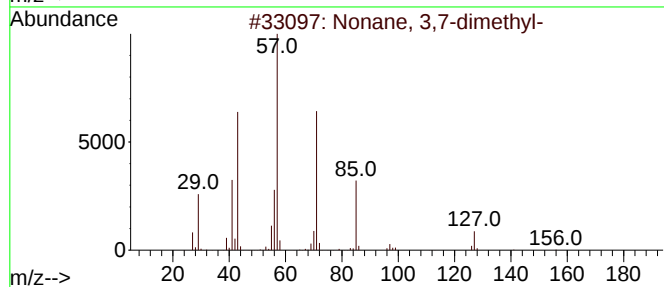
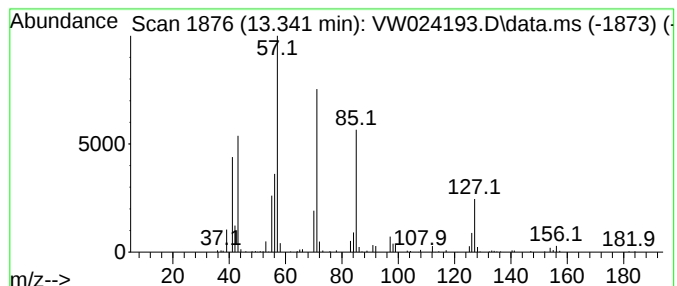
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	2.91 ug/L	92991	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	78
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	59
3			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52
5			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

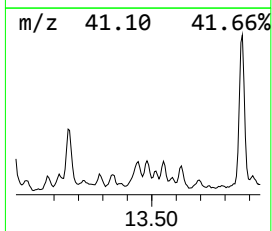
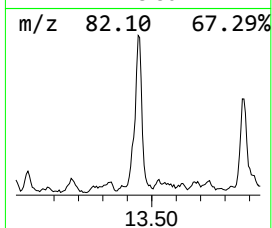
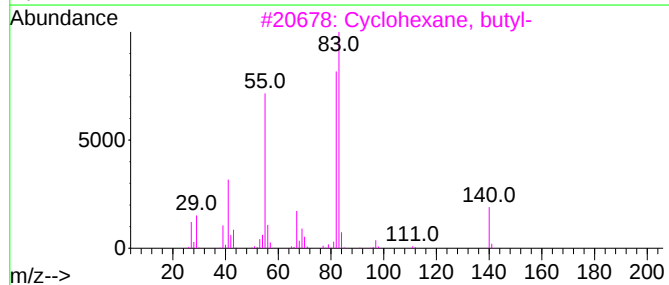
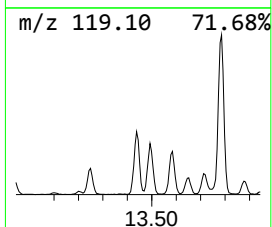
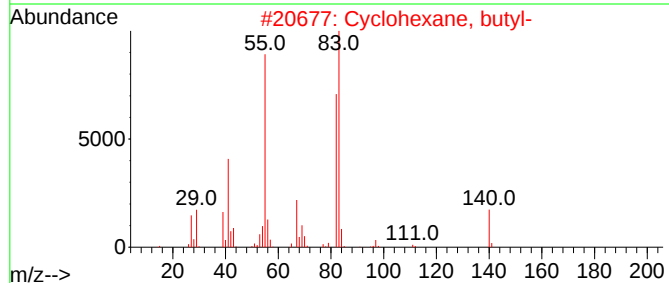
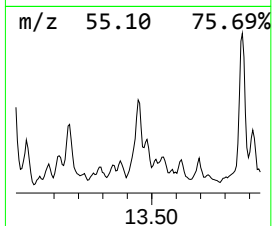
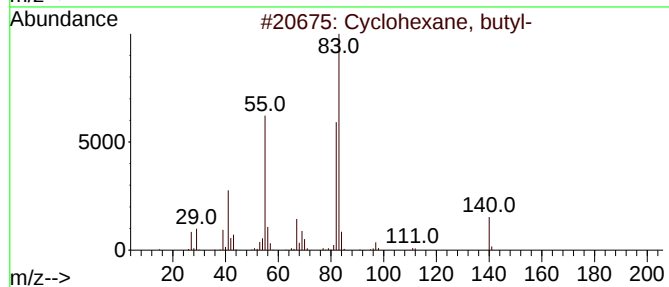
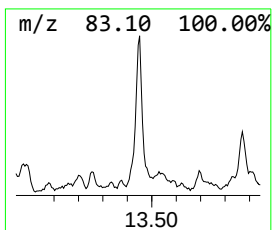
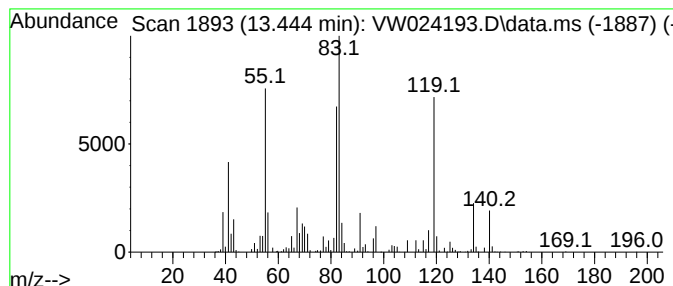
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.444 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	17.16 ug/L	548407	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	70
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	62
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5			o-Cymene	134	C10H14	000527-84-4	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

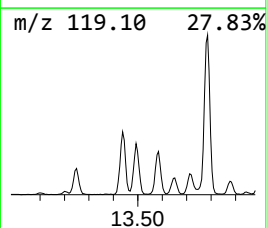
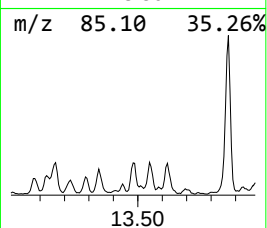
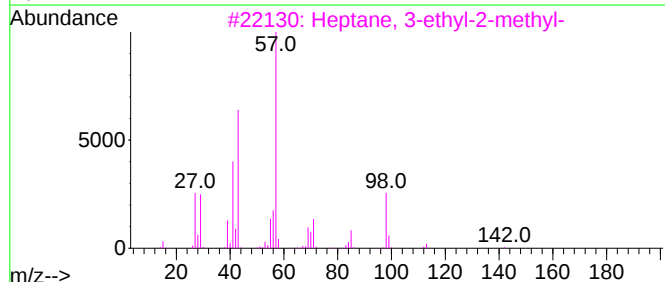
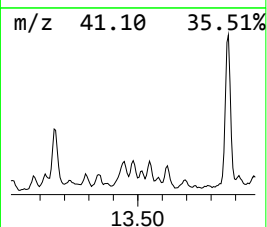
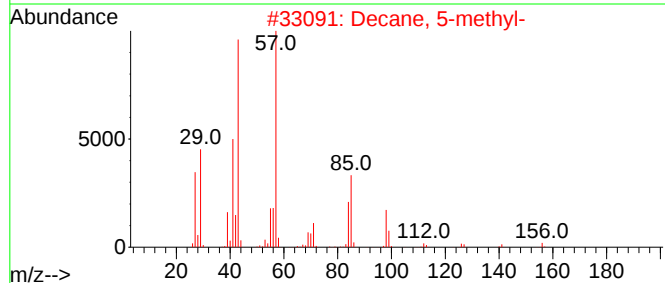
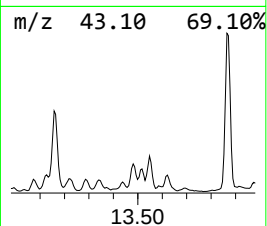
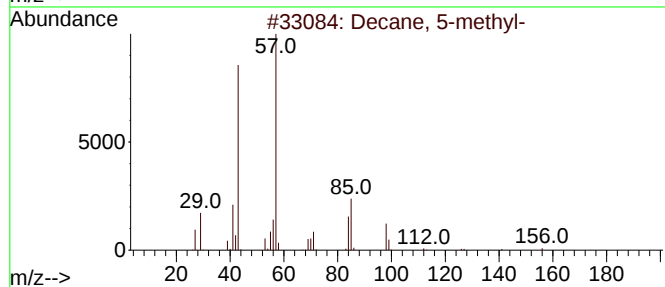
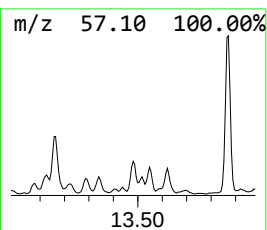
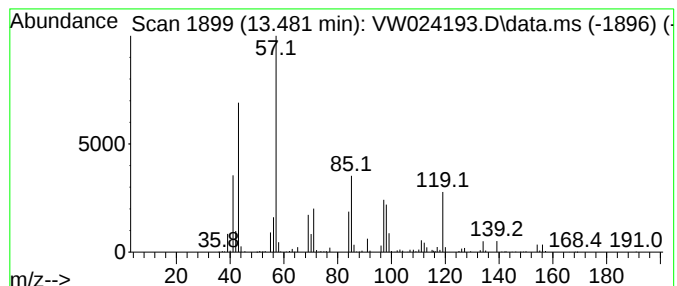
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	6.03 ug/L	192816	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-methyl-	156	C11H24	013151-35-4	49
2		Decane, 5-methyl-	156	C11H24	013151-35-4	49
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	42
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
5		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

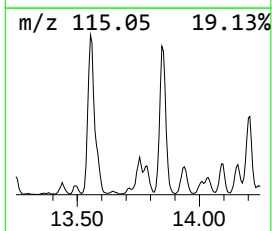
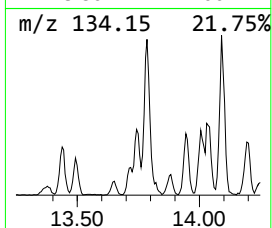
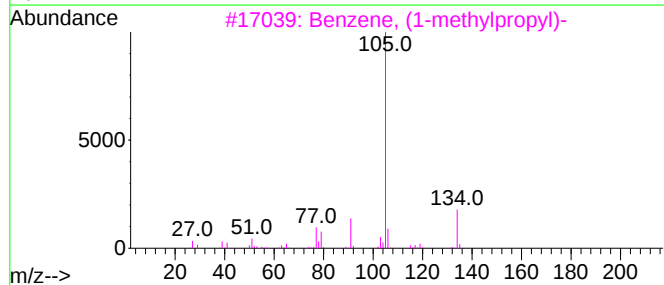
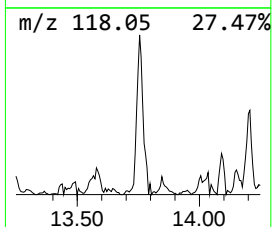
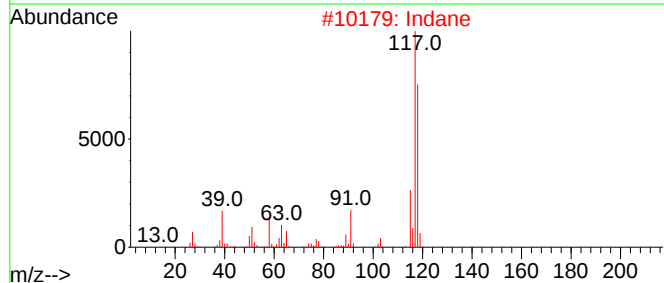
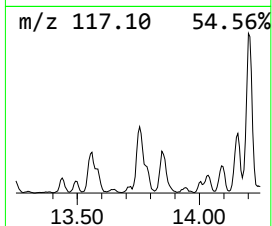
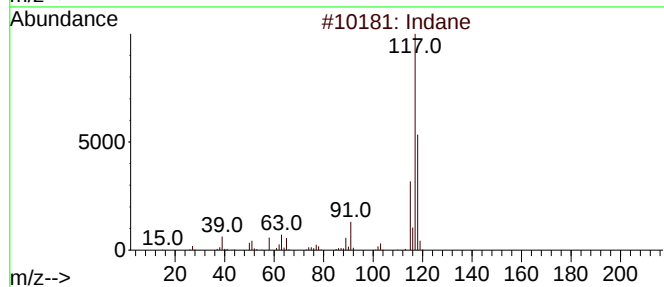
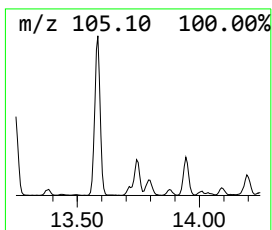
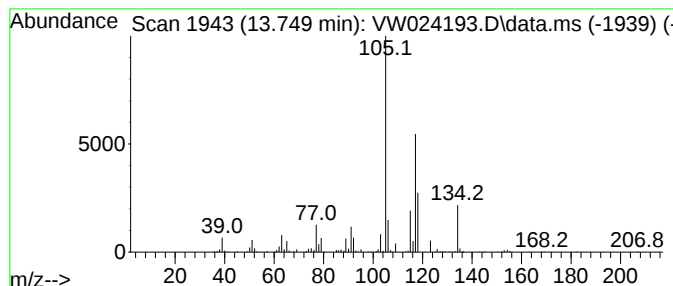
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Quant Title : SFAM01.0

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

Peak Number 16 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	5.55 ug/L	177458	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	38
2			Indane	118	C9H10	000496-11-7	38
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	38
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

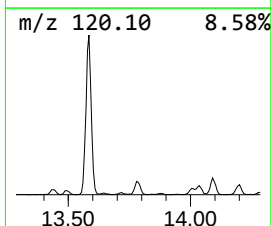
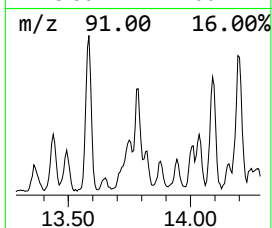
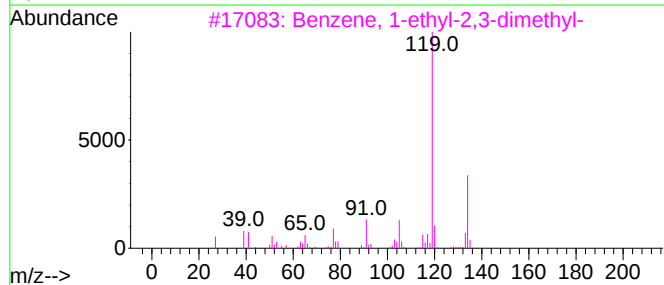
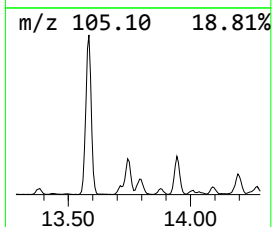
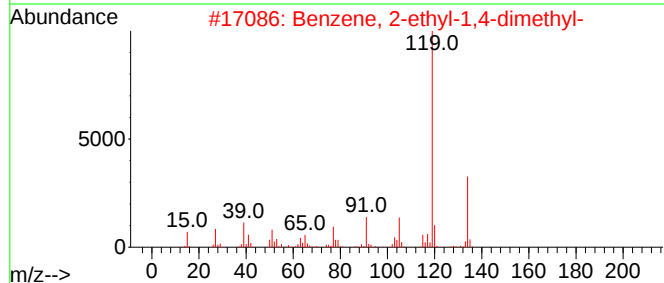
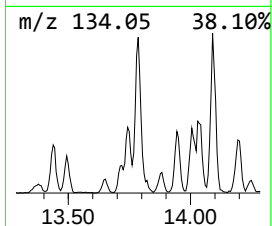
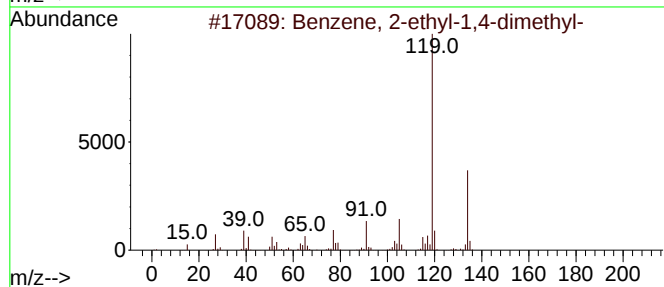
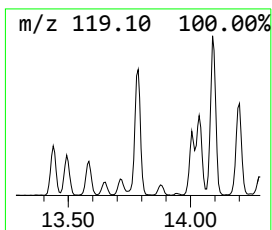
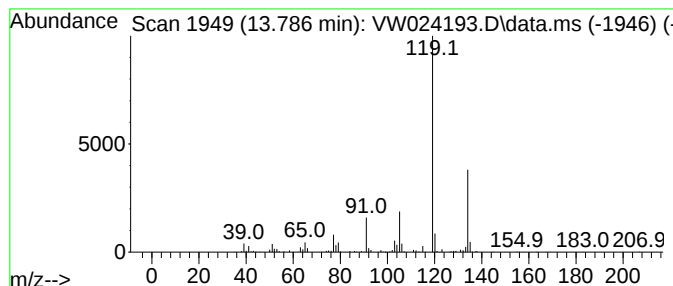
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	9.74 ug/L	311211	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

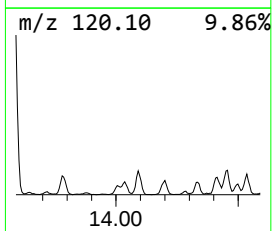
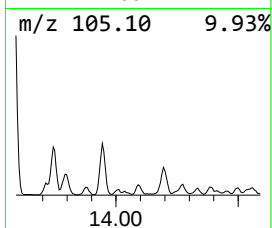
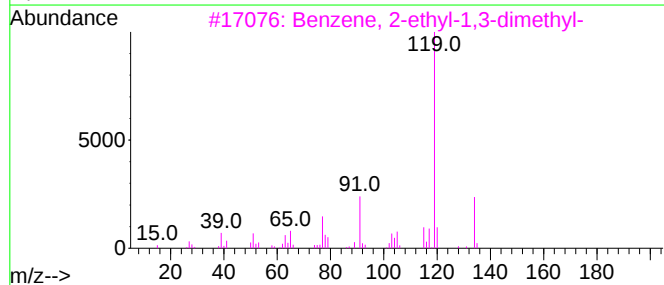
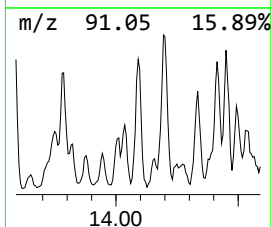
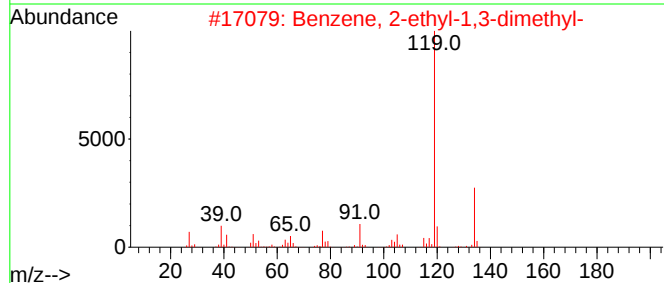
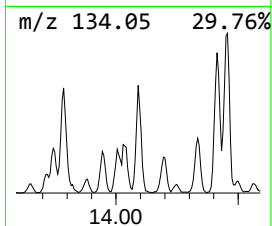
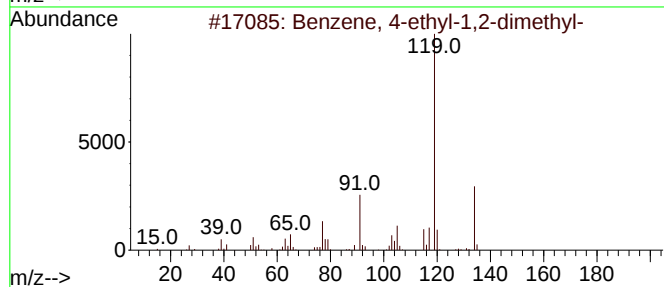
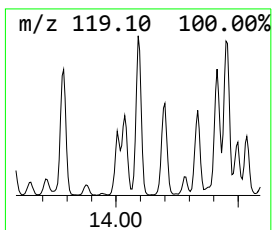
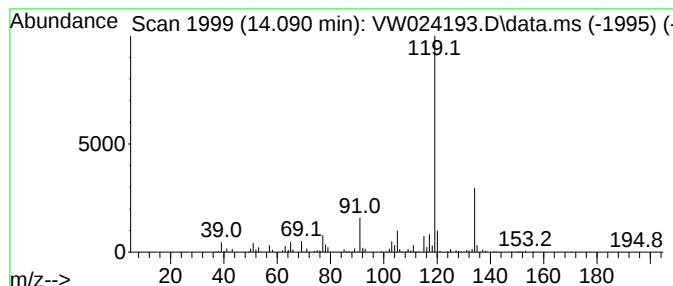
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.090	13.52 ug/L	432001	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

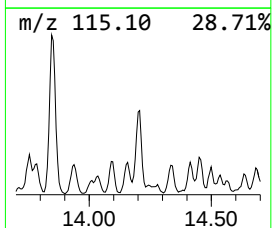
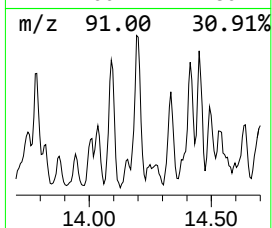
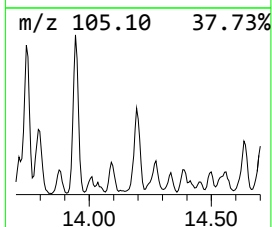
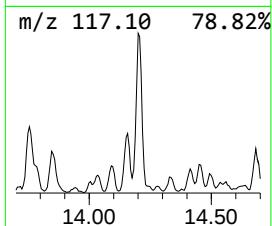
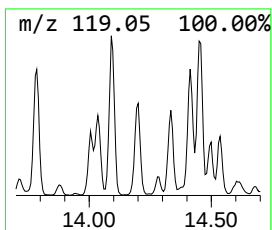
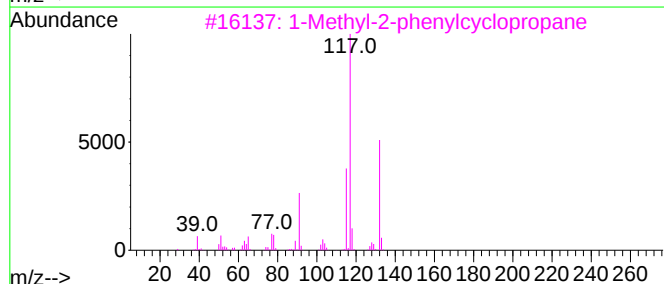
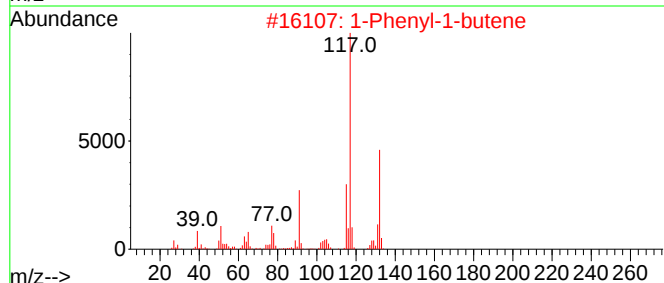
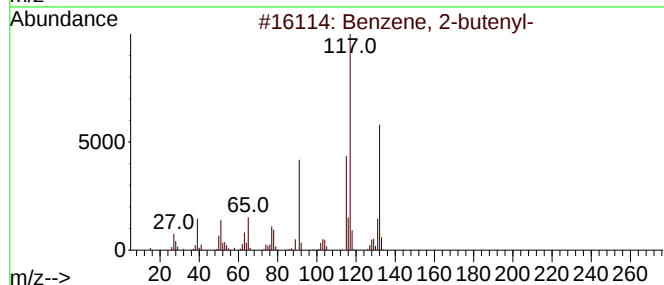
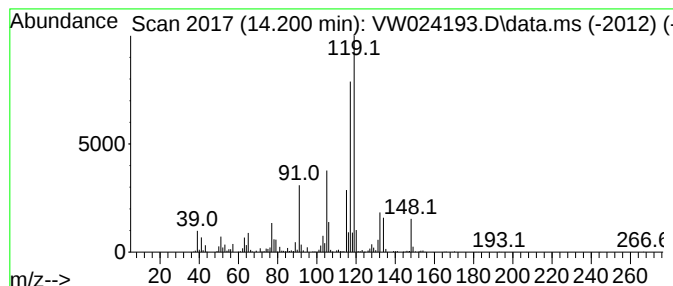
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 2-butenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	17.00 ug/L	543273	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	52
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

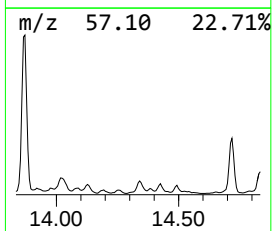
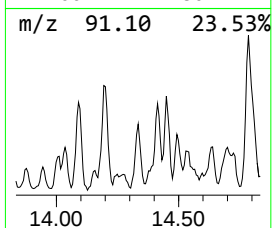
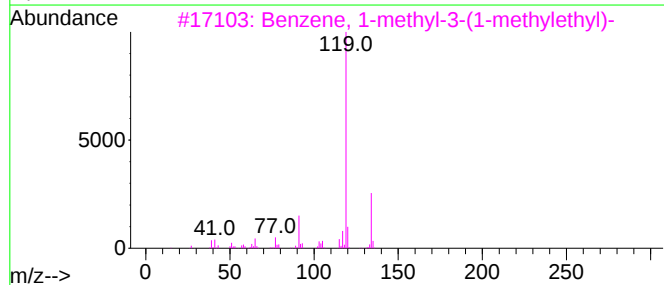
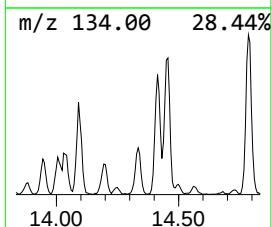
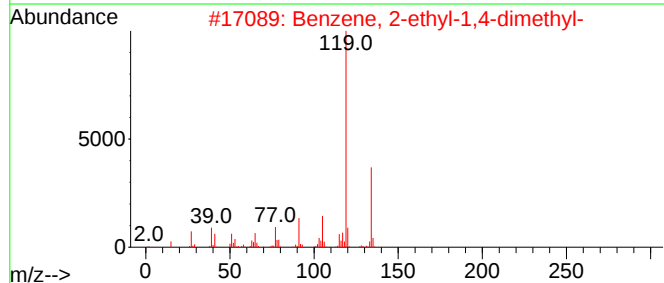
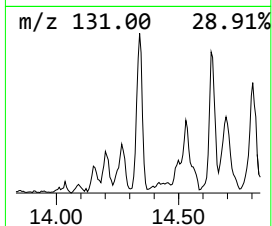
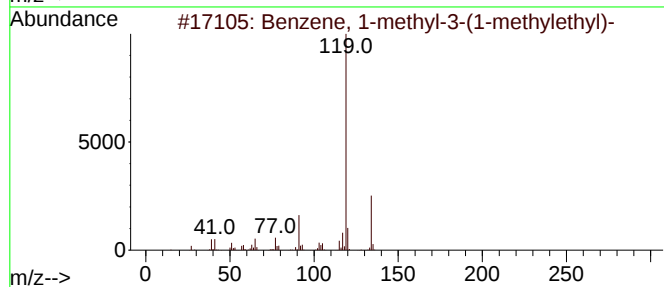
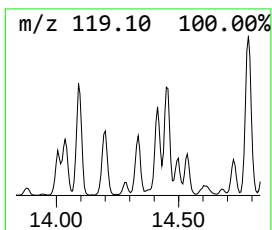
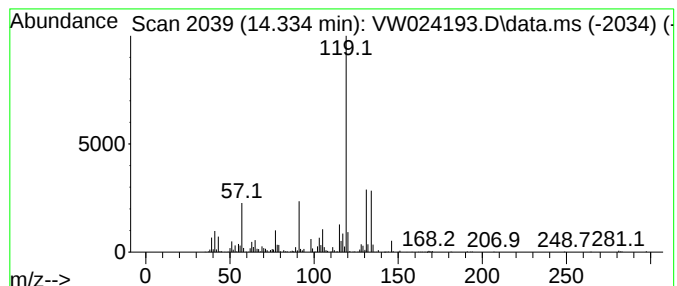
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	13.35 ug/L	426605	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

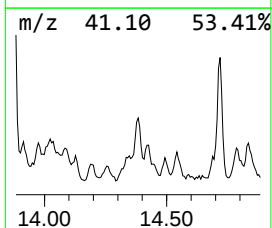
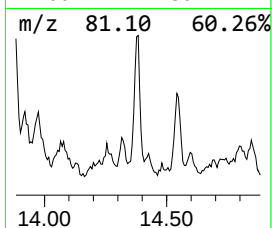
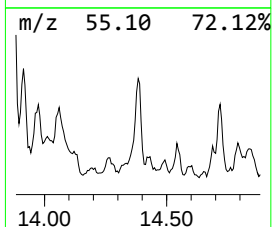
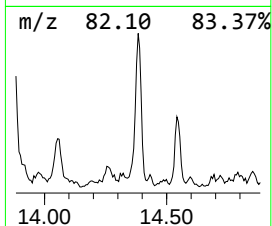
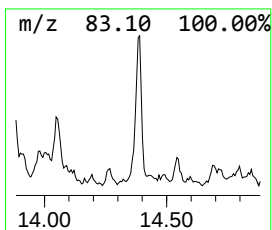
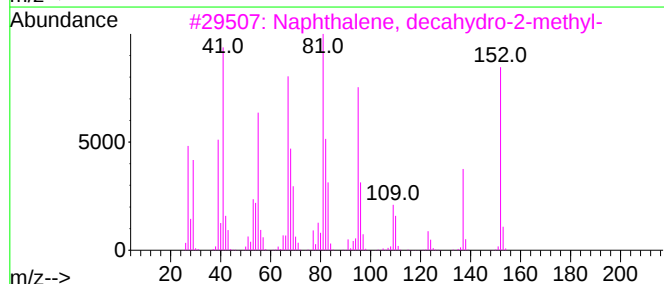
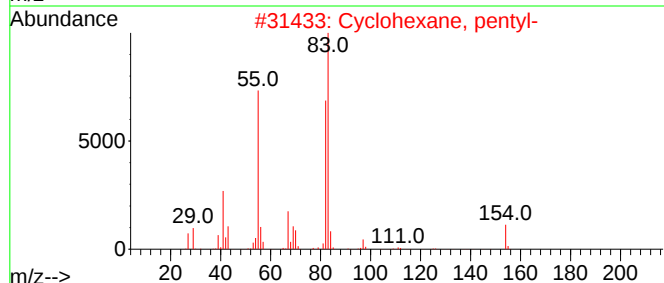
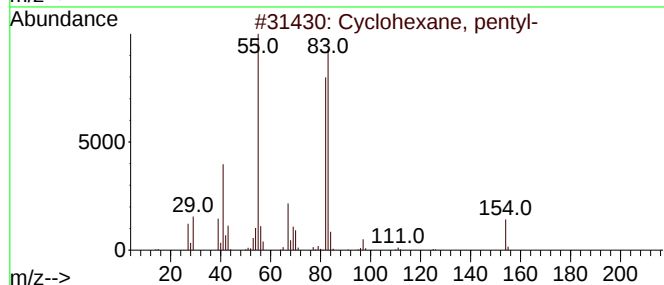
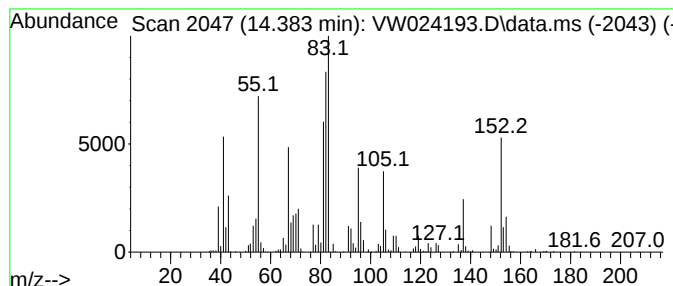
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic14.383 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.383	13.28 ug/L	424417	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-		154	C11H22	004292-92-6	46
2	Cyclohexane, pentyl-		154	C11H22	004292-92-6	43
3	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	43
4	Decalin, anti-1-methyl-, cis-		152	C11H20	1000158-89-0	42
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...		152	C10H16O	004176-04-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

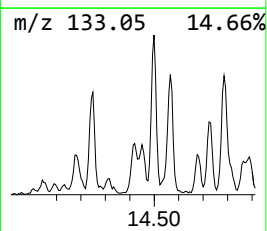
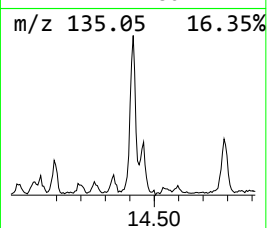
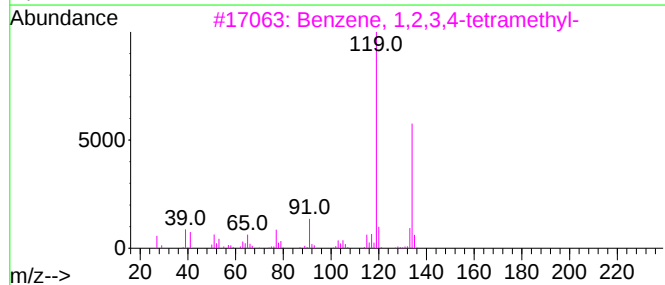
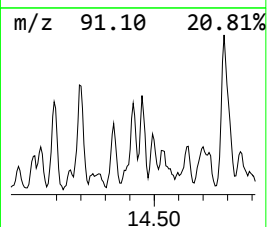
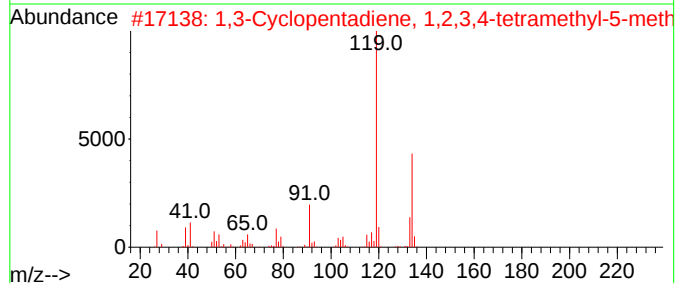
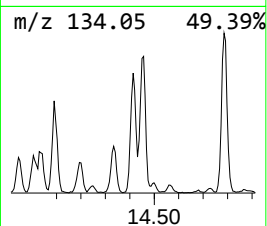
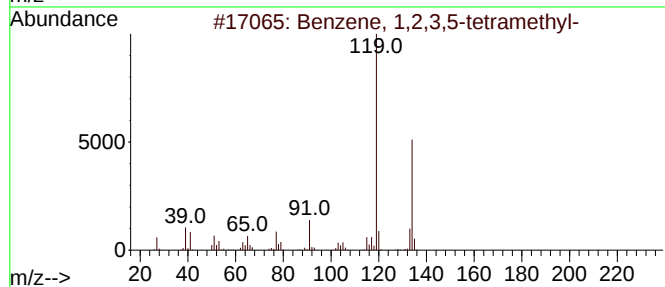
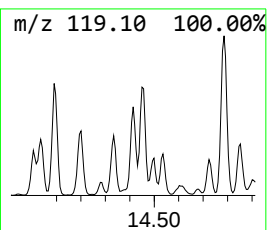
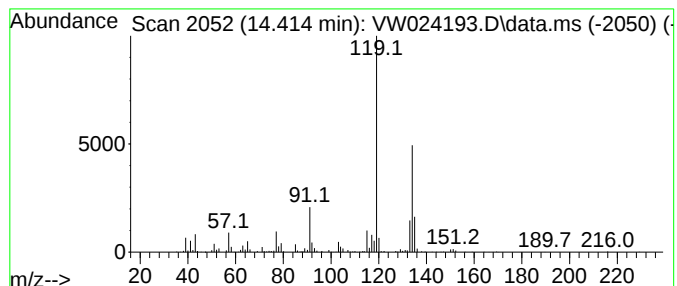
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	15.31 ug/L	489226	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

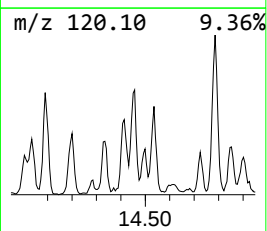
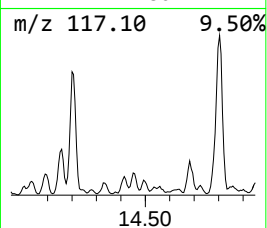
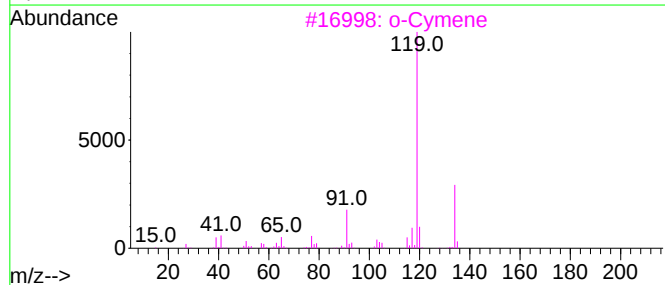
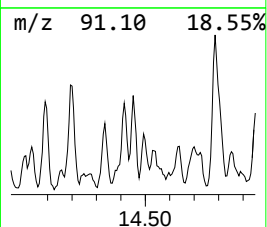
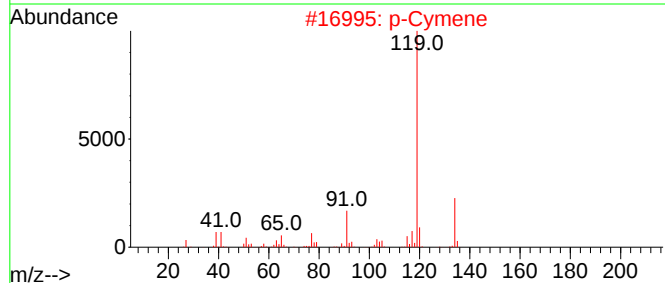
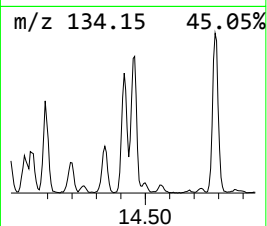
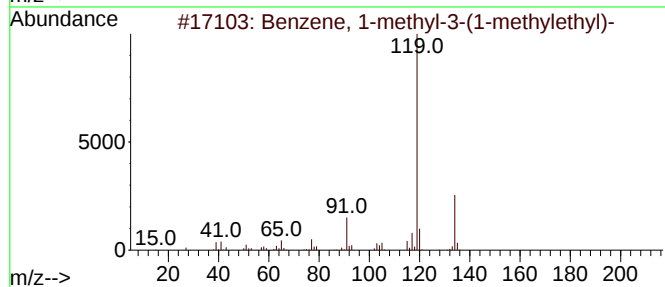
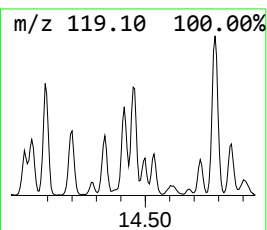
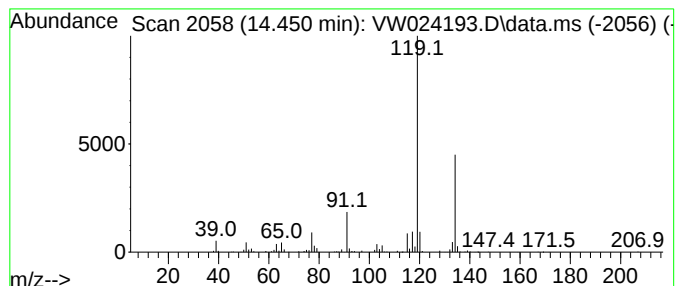
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Quant Title : SFAM01.0

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

Peak Number 23 p-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	11.64 ug/L	372040	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
2		p-Cymene	134	C10H14	000099-87-6	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

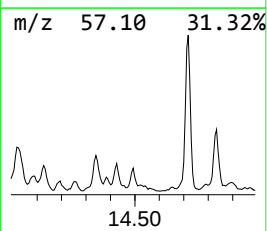
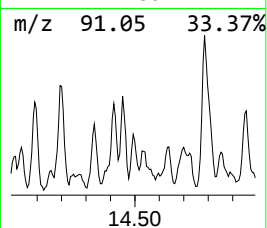
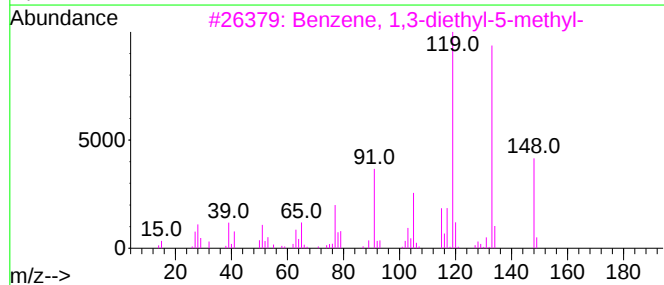
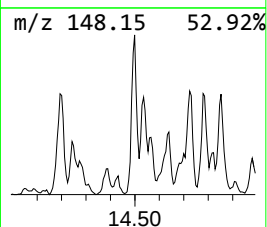
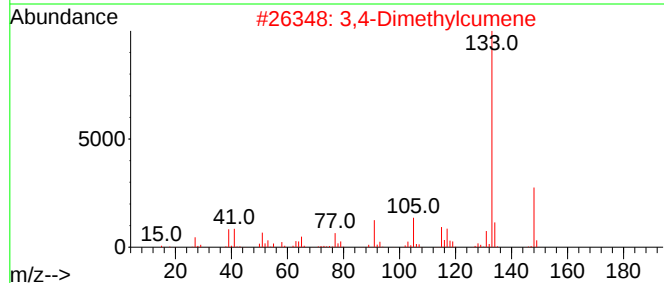
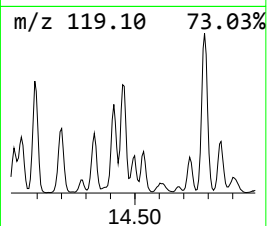
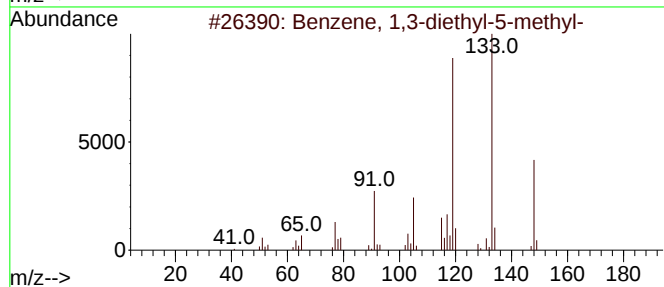
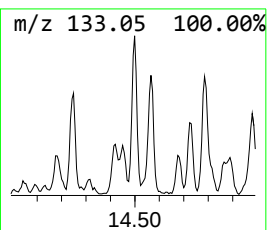
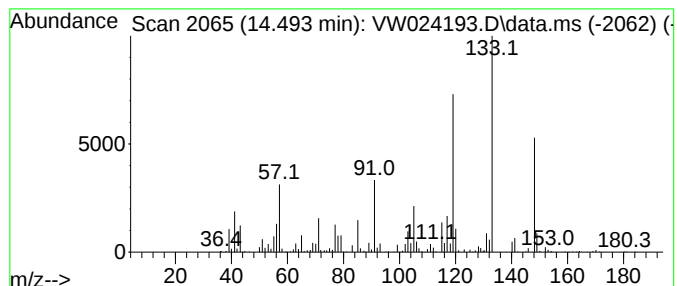
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Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	8.74 ug/L	279357	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	93
2			3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	86
5			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

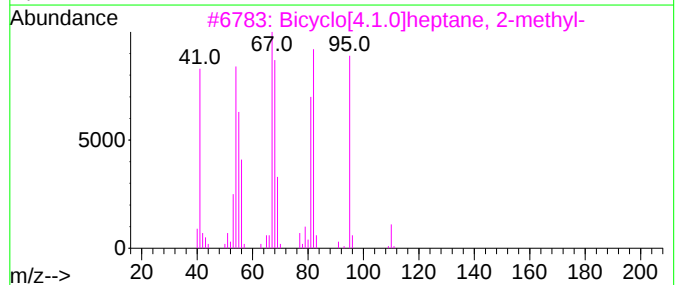
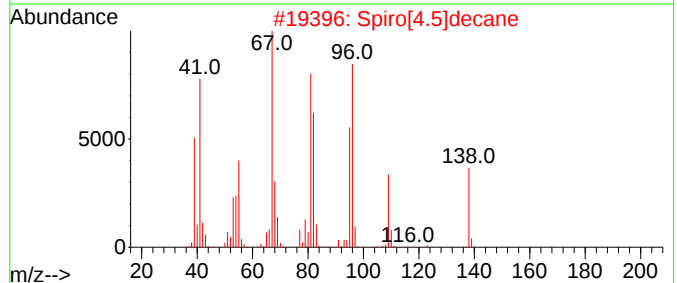
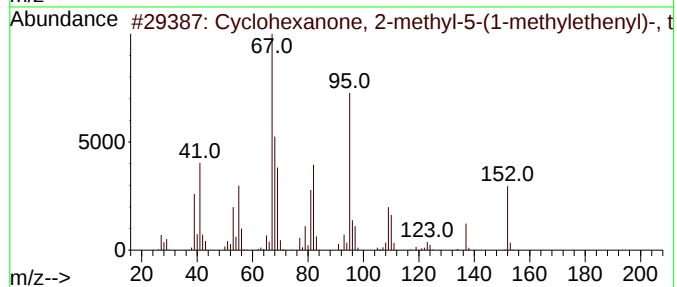
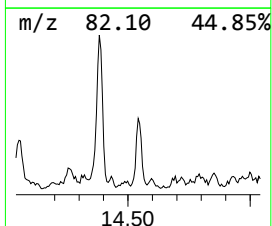
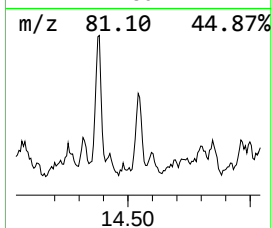
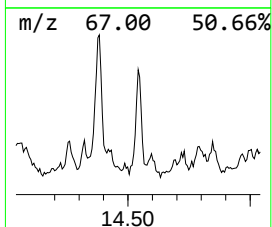
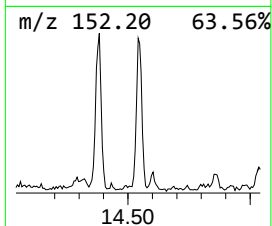
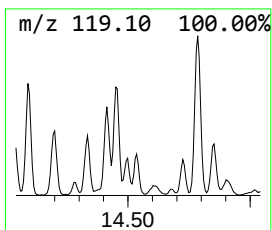
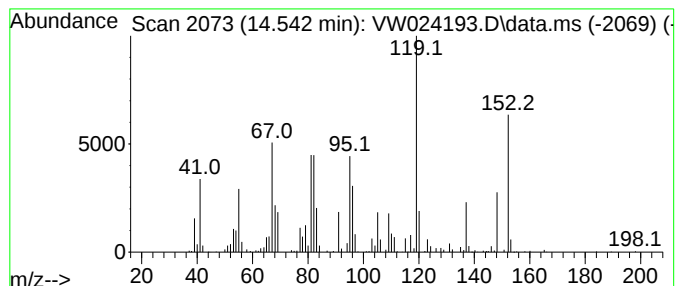
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Quant Title : SFAM01.0

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

Peak Number 25 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	11.85 ug/L	378710	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	46
2			Spiro[4.5]decane	138	C10H18	000176-63-6	38
3			Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	25
4			Cyclododecene, (E)-	166	C12H22	001486-75-5	25
5			2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

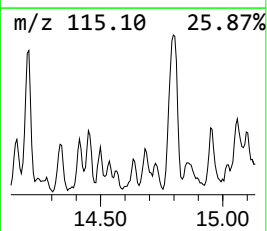
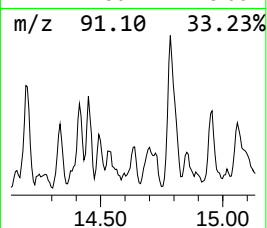
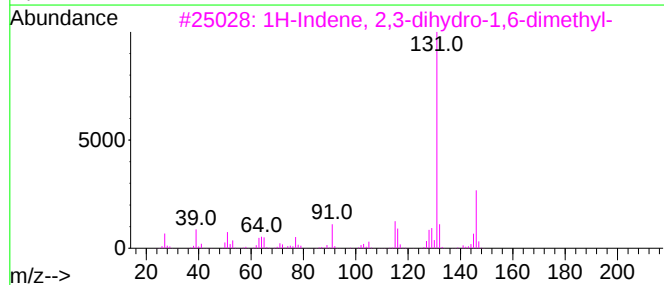
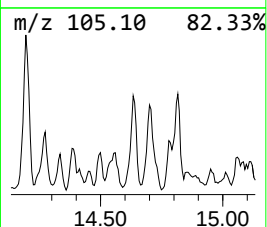
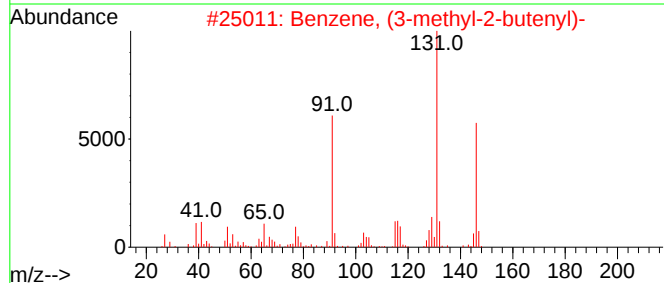
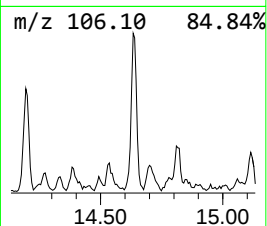
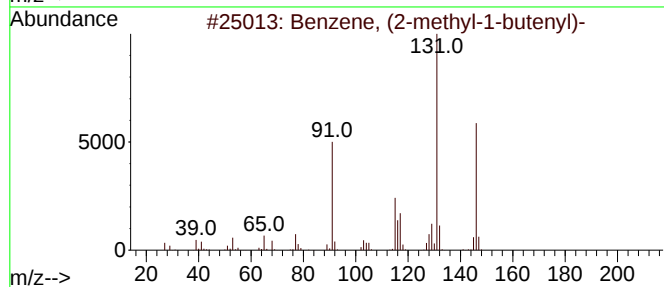
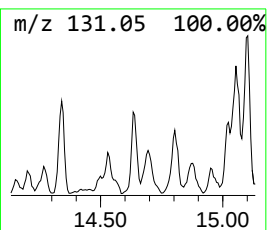
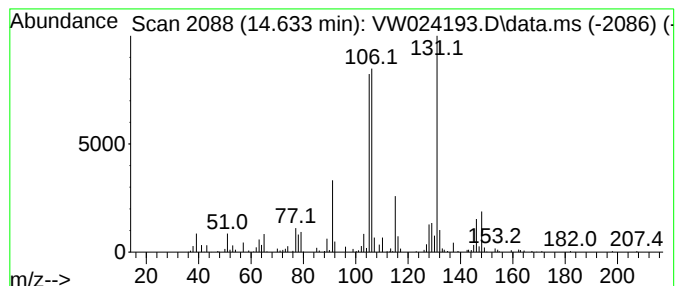
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, (2-methyl-1-butenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	3.67 ug/L	117231	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	49
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	49
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

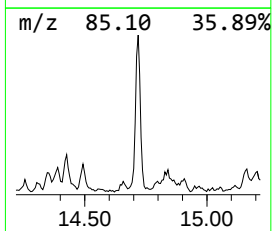
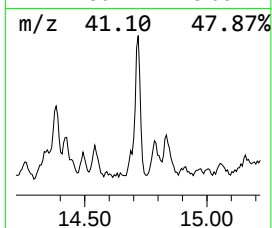
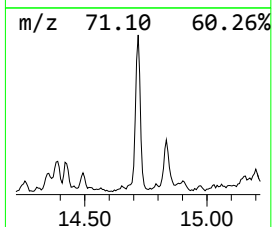
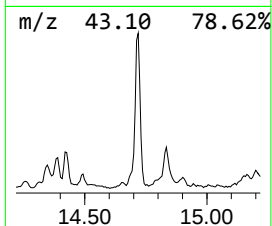
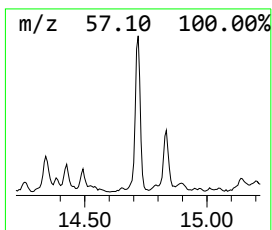
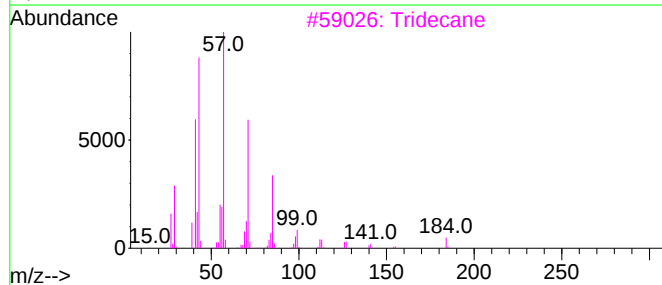
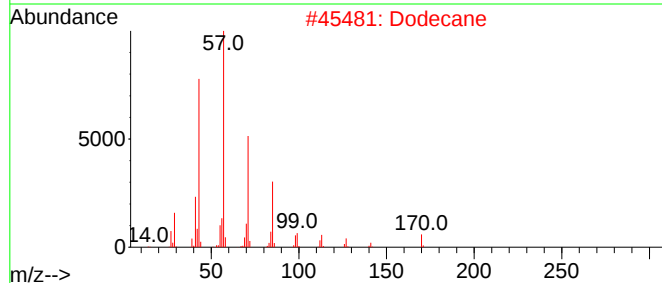
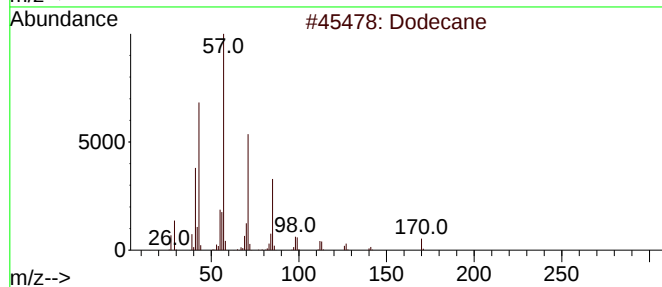
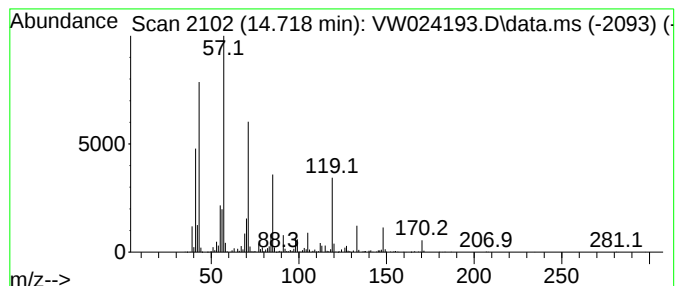
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.718	28.41 ug/L	907930	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	86
2			Dodecane	170	C12H26	000112-40-3	70
3			Tridecane	184	C13H28	000629-50-5	50
4			Tridecane	184	C13H28	000629-50-5	50
5			Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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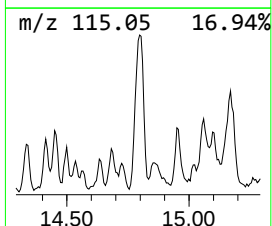
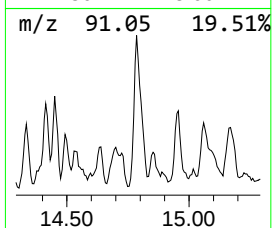
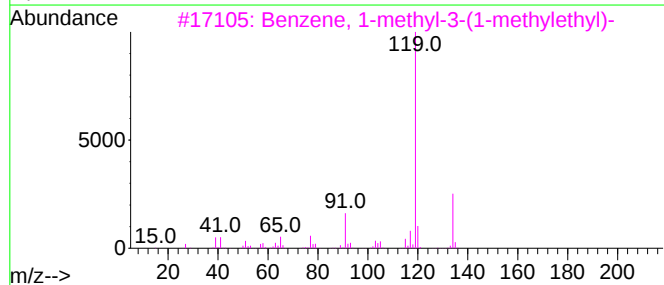
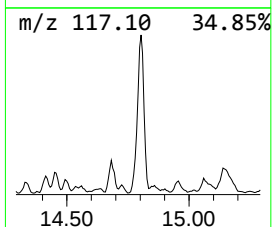
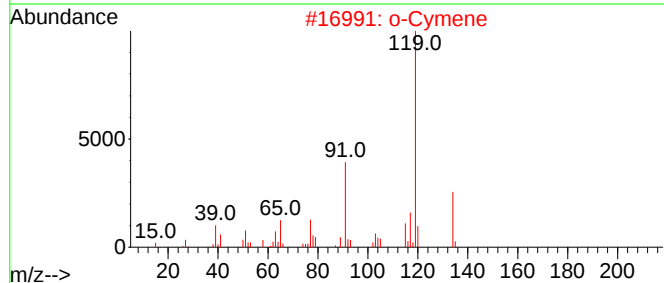
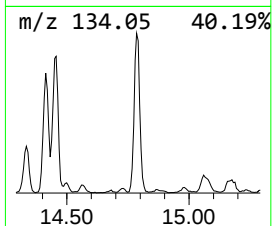
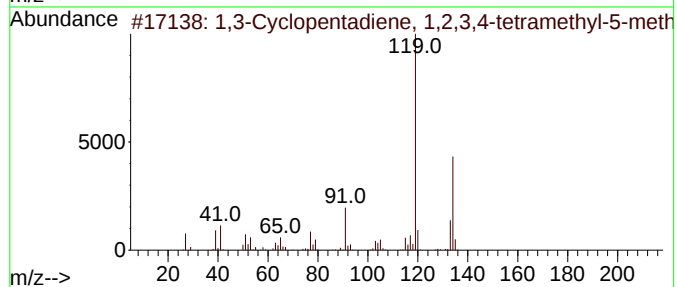
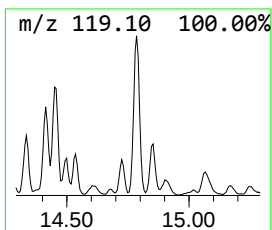
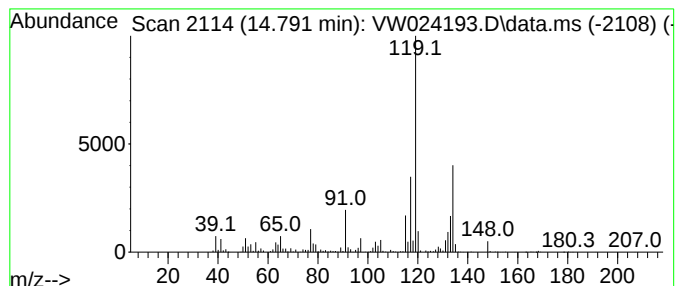
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Quant Title : SFAM01.0

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

Peak Number 28 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.791	41.05 ug/L	1311660	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
2			o-Cymene	134	C10H14	000527-84-4	76
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4			o-Cymene	134	C10H14	000527-84-4	76
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

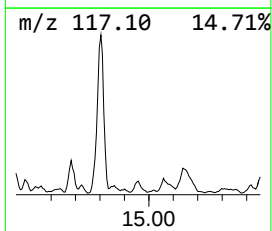
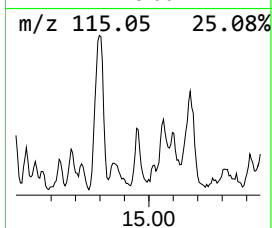
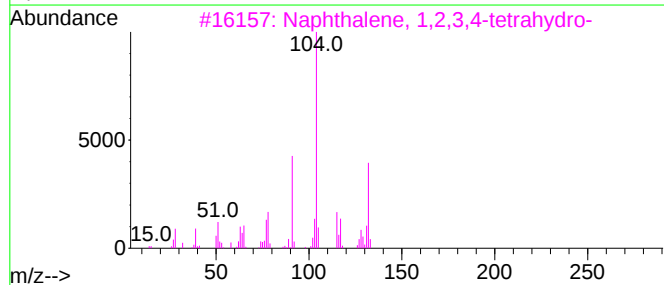
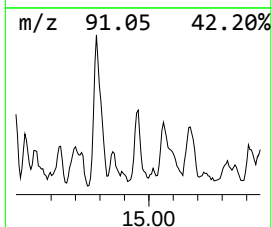
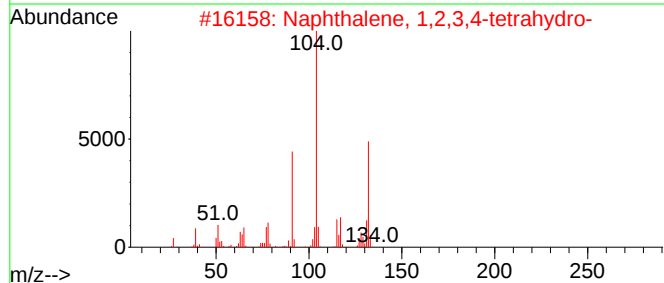
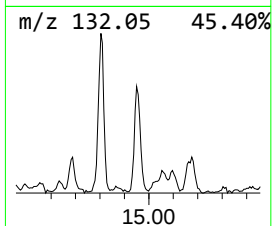
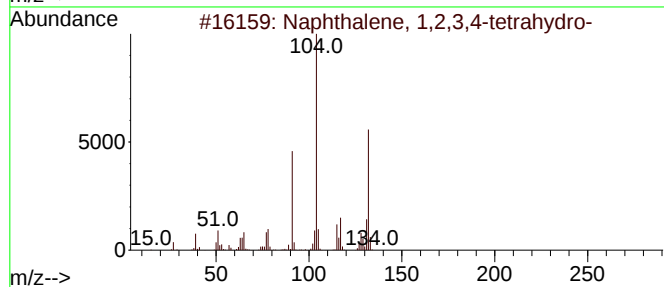
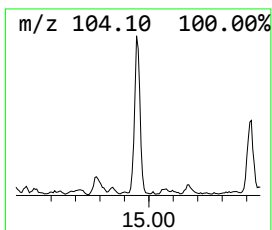
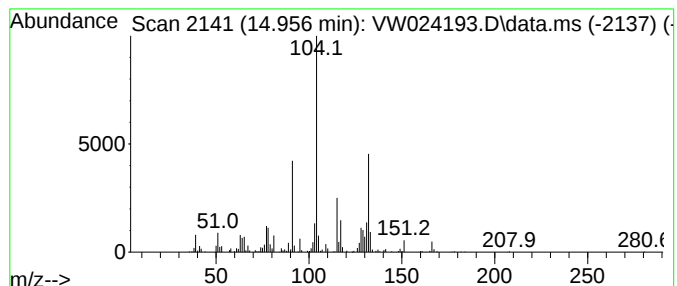
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Quant Title : SFAM01.0

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

Peak Number 29 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	7.30 ug/L	233426	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

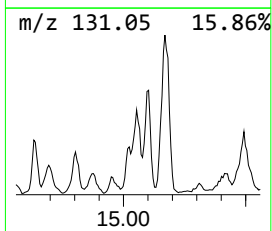
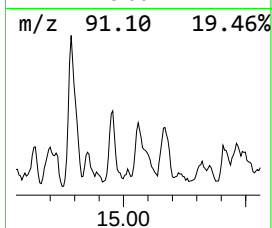
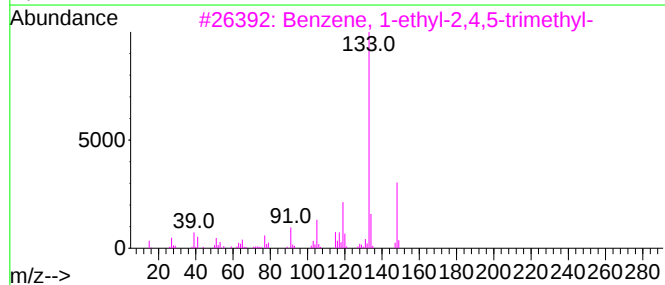
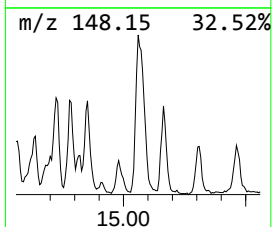
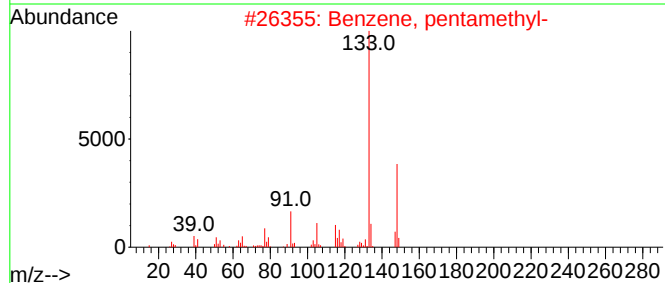
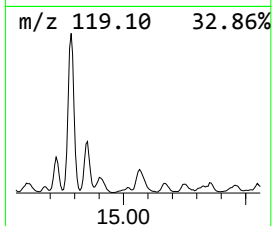
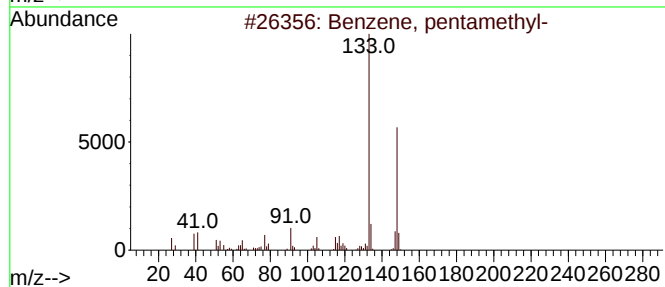
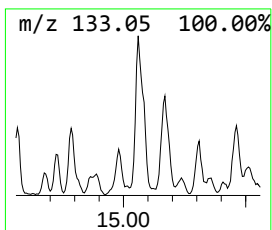
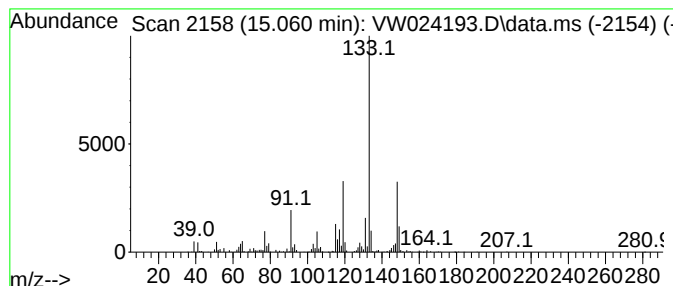
Instrument :
MSVOA_W
ClientSampleId :
C0QB0

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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	16.56 ug/L	529147	1,4-Dichlorobenzene-d4	13.554
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, pentamethyl-	148 C11H16	000700-12-9 81
2		Benzene, pentamethyl-	148 C11H16	000700-12-9 76
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148 C11H16	017851-27-3 72
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8 72
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148 C11H16	004920-99-4 64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

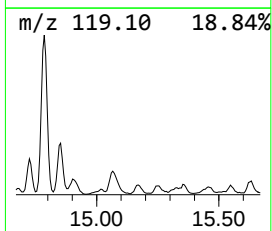
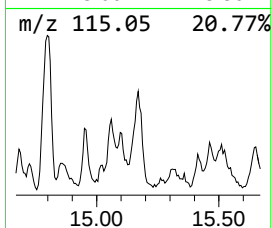
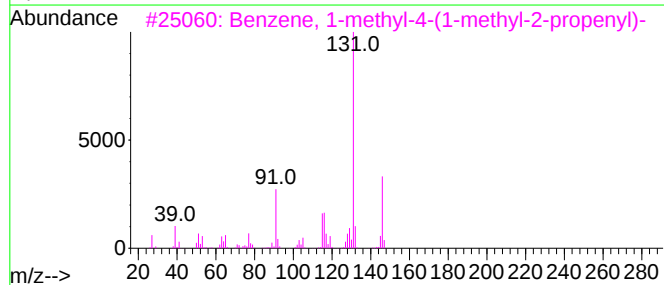
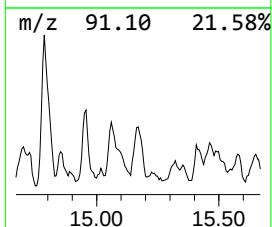
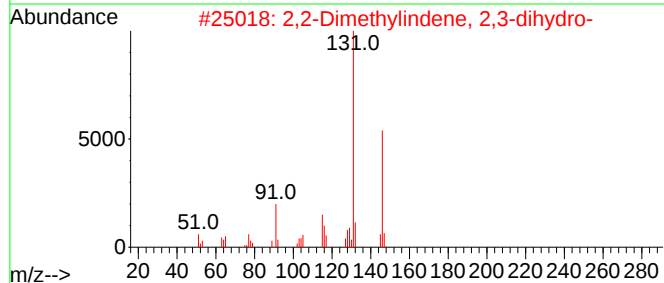
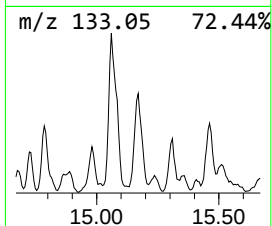
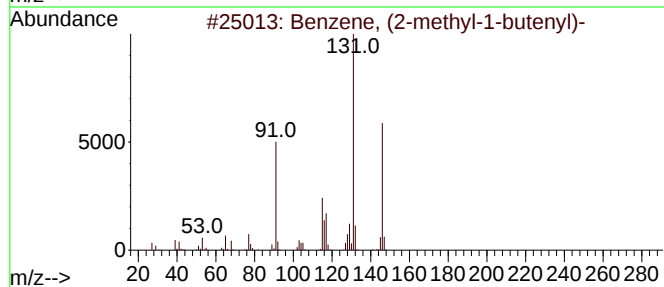
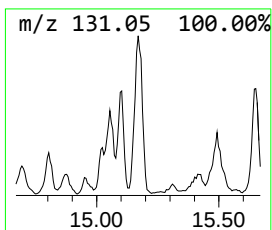
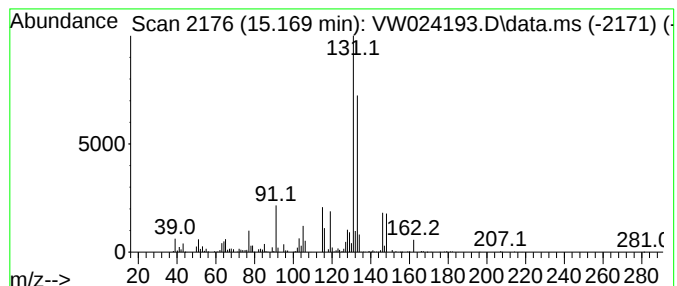
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Quant Title : SFAM01.0

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

Peak Number 31 2,2-Dimethylindene, 2,3-dih... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.169	16.39 ug/L	523671	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

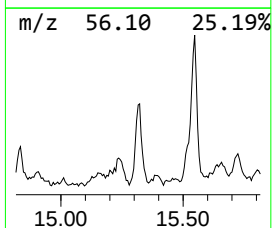
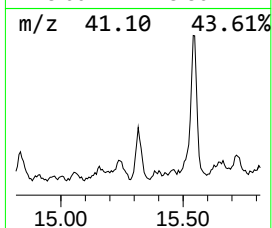
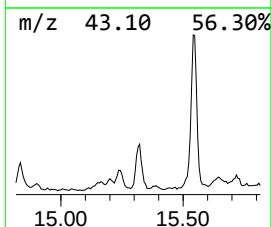
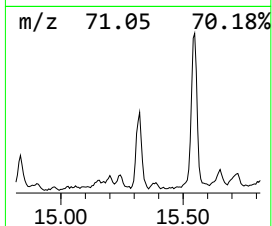
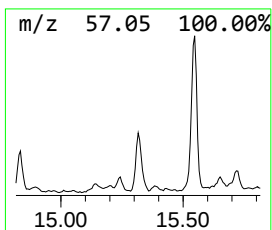
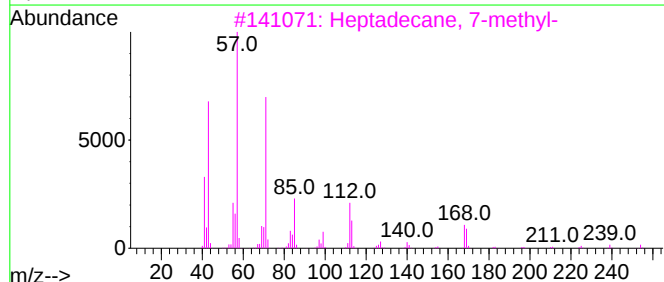
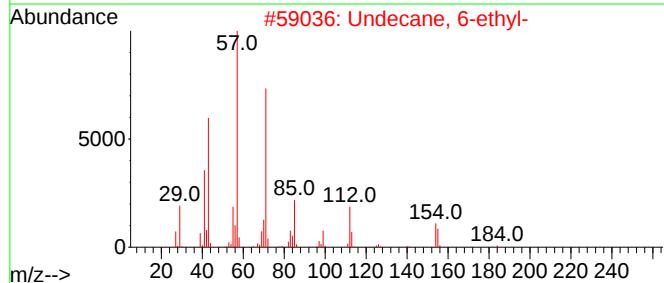
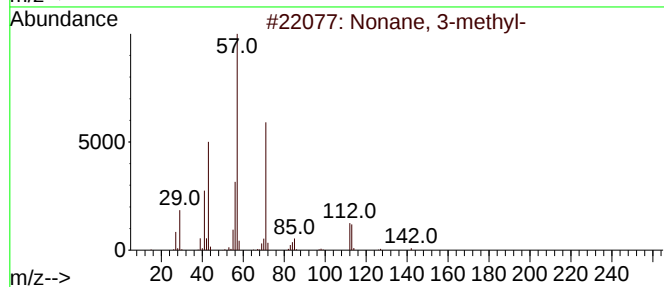
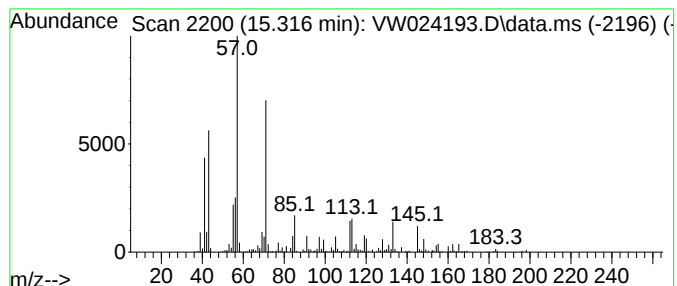
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MSVOA_W
ClientSampleId :
C0QB0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.316	12.74 ug/L	407226	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	59
2	Undecane, 6-ethyl-		184	C13H28	017312-60-6	58
3	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	58
4	Decane, 2-methyl-		156	C11H24	006975-98-0	58
5	Bacchotricuneatin c		342	C20H22O5	066563-30-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

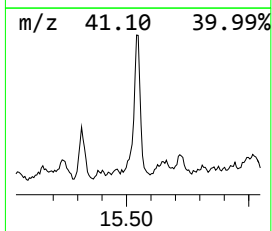
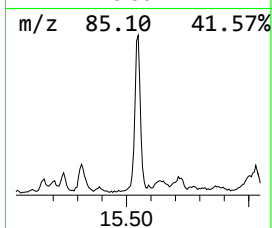
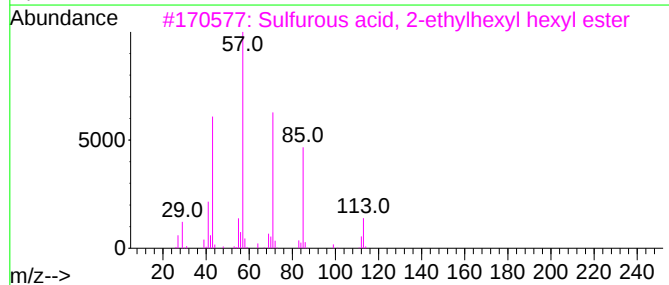
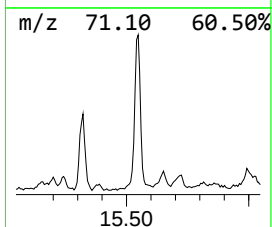
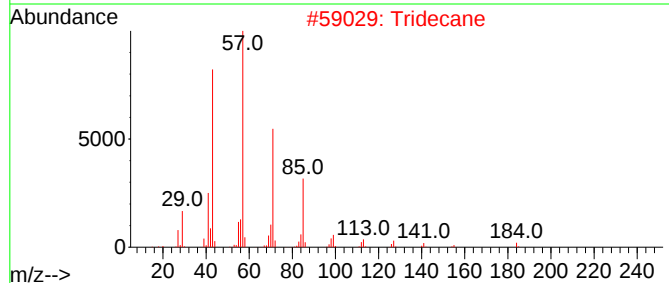
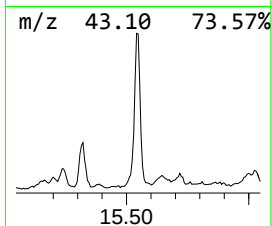
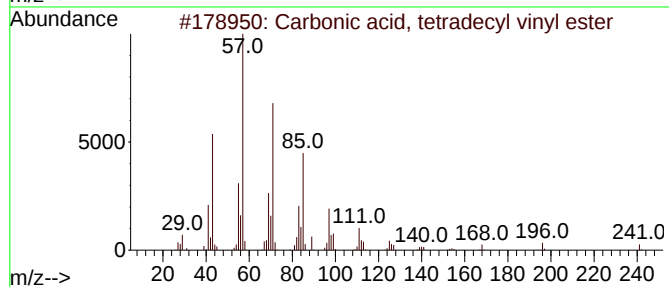
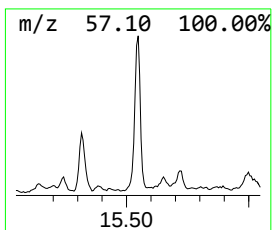
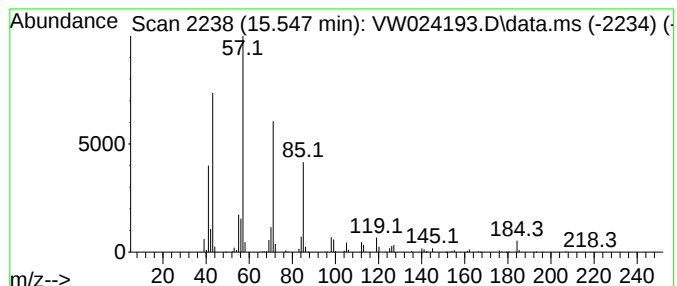
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Quant Title : SFAM01.0

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

Peak Number 33 Carbonic acid, tetradecyl v... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.547	31.40 ug/L	1003470	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86
2			Tridecane	184	C13H28	000629-50-5	83
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4			Dodecane	170	C12H26	000112-40-3	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

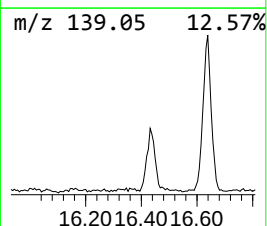
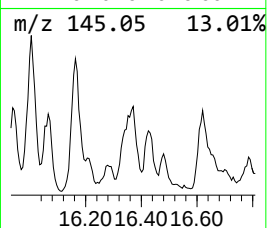
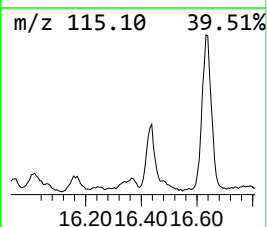
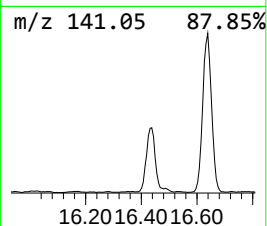
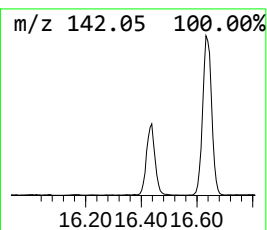
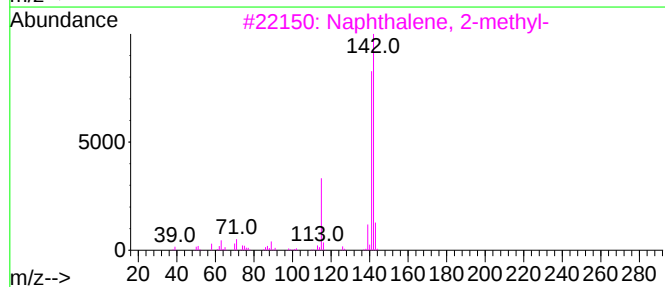
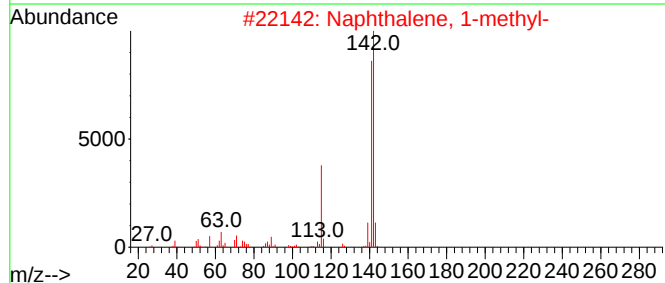
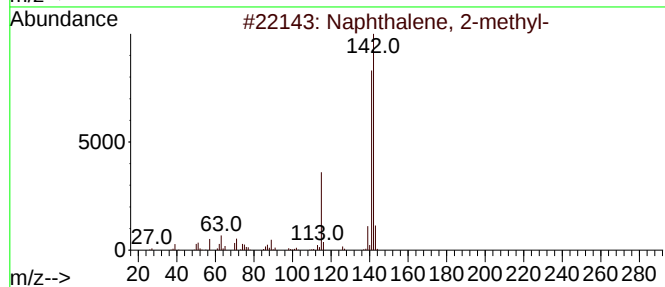
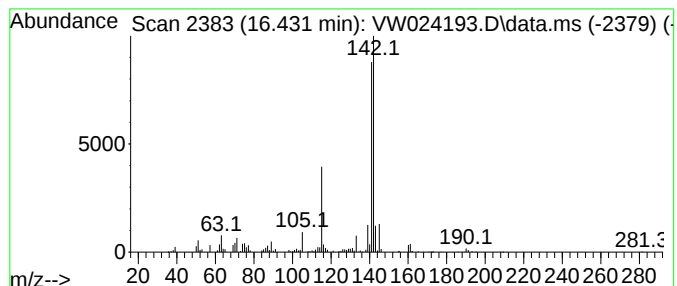
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Quant Title : SFAM01.0

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

Peak Number 34 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.431	17.35 ug/L	554484	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0QB0

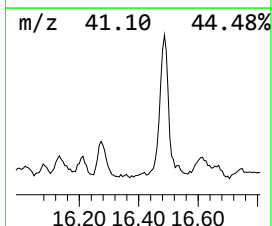
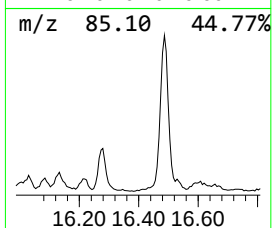
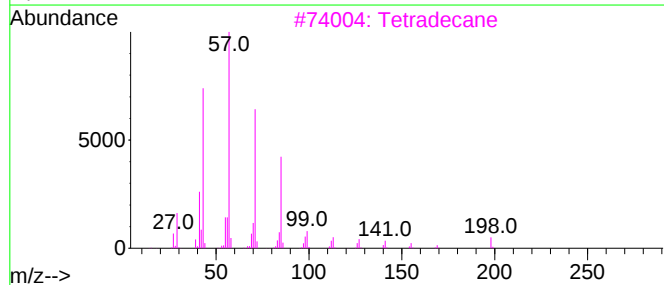
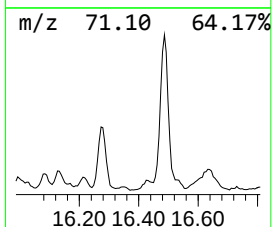
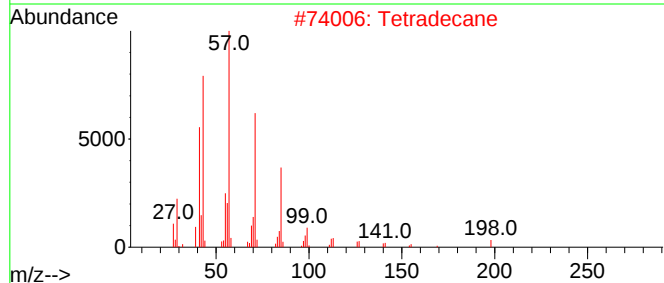
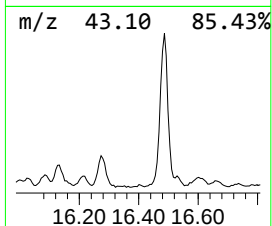
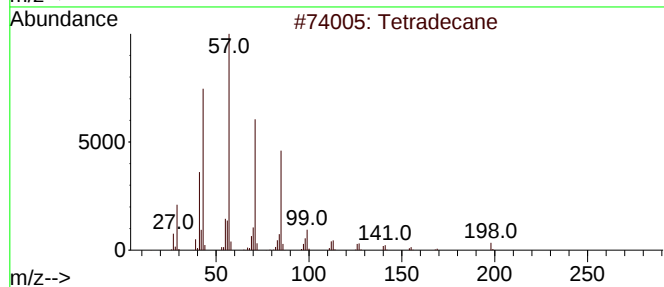
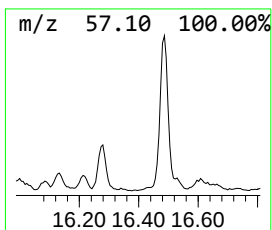
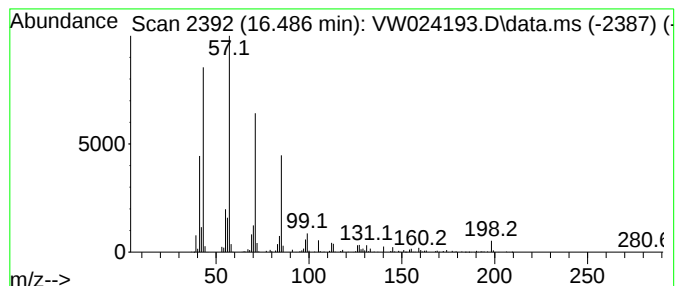
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	53.37 ug/L	1705340	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	96
3		Tetradecane	198	C14H30	000629-59-4	93
4		Tridecane	184	C13H28	000629-50-5	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024193.D
Acq On : 05 Aug 2022 15:35
Operator : SY/VA
Sample : N4030-01
Misc : 4.67g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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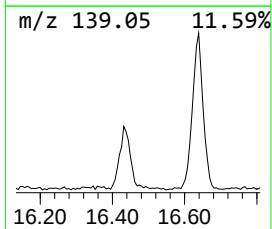
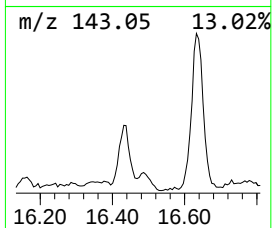
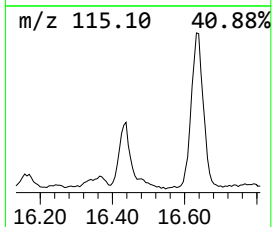
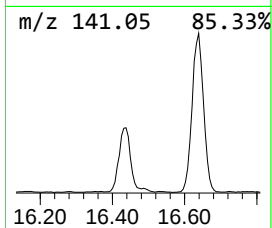
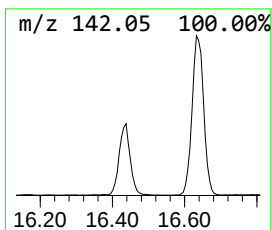
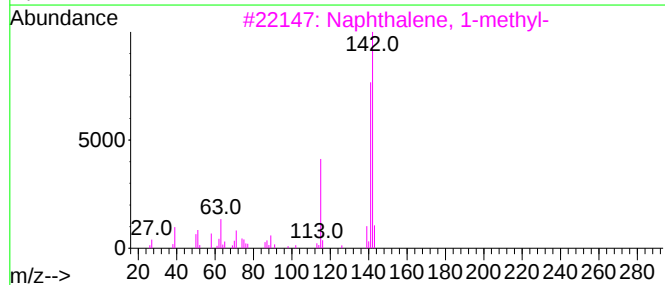
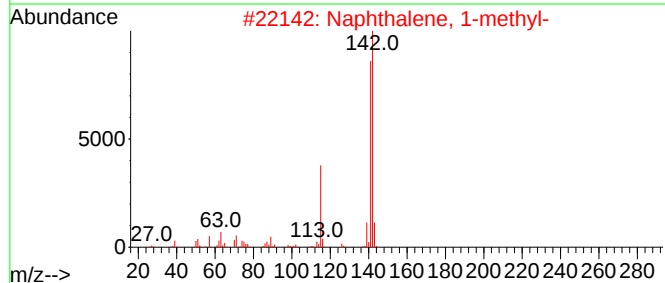
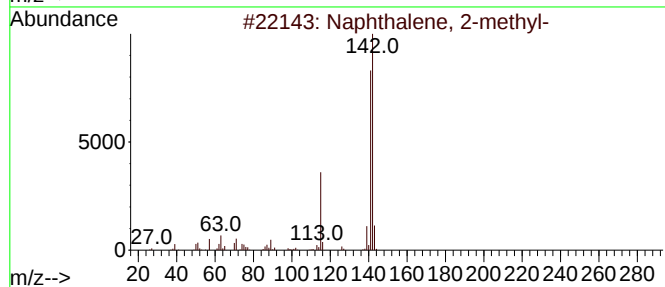
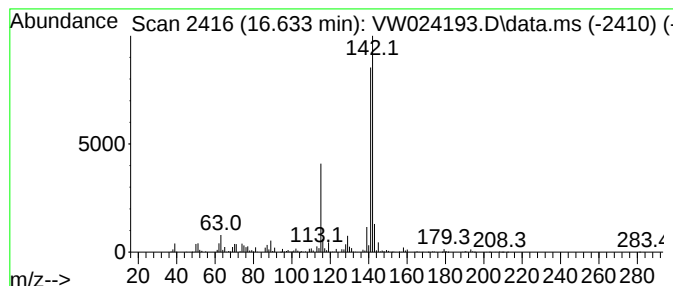
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Quant Title : SFAM01.0

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

Peak Number 36 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	74.43 ug/L	2378320	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024193.D
 Acq On : 05 Aug 2022 15:35
 Operator : SY/VA
 Sample : N4030-01
 Misc : 4.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0QB0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	5.933	1.4	ug/L	42902	1	8.841	775760	25.0
unknown-01	10.030	9.4	ug/L	293084	1	8.841	775760	25.0
unknown-02	11.067	3.3	ug/L	122478	2	11.627	920820	25.0
(DEL) Alkane: S...	12.249	5.5	ug/L	203112	2	11.627	920820	25.0
(DEL) Alkane: S...	12.359	11.8	ug/L	435251	2	11.627	920820	25.0
(DEL) Alkane: S...	12.475	1.8	ug/L	67258	2	11.627	920820	25.0
Carbonic acid, ...	12.621	1.4	ug/L	45440	3	13.554	798895	25.0
(DEL) Alkane: C...	12.780	7.8	ug/L	249506	3	13.554	798895	25.0
Benzene, 1-ethy...	12.859	8.6	ug/L	273919	3	13.554	798895	25.0
4-Isopropylcycl...	13.078	5.1	ug/L	162262	3	13.554	798895	25.0
(DEL) Alkane: S...	13.164	22.8	ug/L	728208	3	13.554	798895	25.0
(DEL) Alkane: S...	13.341	2.9	ug/L	92991	3	13.554	798895	25.0
(DEL) Alkane: C...	13.444	17.2	ug/L	548407	3	13.554	798895	25.0
(DEL) Alkane: S...	13.481	6.0	ug/L	192816	3	13.554	798895	25.0
unknown-03	13.749	5.5	ug/L	177458	3	13.554	798895	25.0
Benzene, 2-ethy...	13.786	9.7	ug/L	311211	3	13.554	798895	25.0
Benzene, 4-ethy...	14.090	13.5	ug/L	432001	3	13.554	798895	25.0
Benzene, 2-bute...	14.200	17.0	ug/L	543273	3	13.554	798895	25.0
Benzene, 1-meth...	14.334	13.4	ug/L	426605	3	13.554	798895	25.0
(DEL) Alkane: C...	14.383	13.3	ug/L	424417	3	13.554	798895	25.0
Benzene, 1,2,3,...	14.414	15.3	ug/L	489226	3	13.554	798895	25.0
p-Cymene	14.450	11.6	ug/L	372040	3	13.554	798895	25.0
Benzene, 1,3-di...	14.493	8.7	ug/L	279357	3	13.554	798895	25.0
unknown-04	14.541	11.9	ug/L	378710	3	13.554	798895	25.0
Benzene, (2-met...	14.633	3.7	ug/L	117231	3	13.554	798895	25.0
(DEL) Alkane: S...	14.718	28.4	ug/L	907930	3	13.554	798895	25.0
1,3-Cyclopentad...	14.791	41.0	ug/L	1311660	3	13.554	798895	25.0
Naphthalene, 1,...	14.956	7.3	ug/L	233426	3	13.554	798895	25.0
Benzene, pentam...	15.060	16.6	ug/L	529147	3	13.554	798895	25.0
2,2-Dimethylind...	15.169	16.4	ug/L	523671	3	13.554	798895	25.0
(DEL) Alkane: S...	15.316	12.7	ug/L	407226	3	13.554	798895	25.0
Carbonic acid, ...	15.547	31.4	ug/L	1003470	3	13.554	798895	25.0
Naphthalene, 2-...	16.431	17.4	ug/L	554484	3	13.554	798895	25.0
(DEL) Alkane: S...	16.486	53.4	ug/L	1705340	3	13.554	798895	25.0
Naphthalene, 1-...	16.633	74.4	ug/L	2378320	3	13.554	798895	25.0