

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022471.D
 Acq On : 08 Apr 2022 18:07
 Operator : SY/VA
 Sample : N2293-19
 Misc : 6.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNP7

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\SFAMWLM040722SMA.M
 Title : SFAM01.0

Signal : TIC: VW022471.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	4	10	38	rVB	2133567	3417083	2.91%	1.377%
2	2.361	68	75	83	rBV	142692	261498	0.22%	0.105%
3	2.501	92	98	105	rBV	35775	75828	0.06%	0.031%
4	2.891	155	162	171	rBV	93912	211865	0.18%	0.085%
5	4.019	336	347	359	rVV	154284	479516	0.41%	0.193%
6	4.391	397	408	419	rBV2	21857	66745	0.06%	0.027%
7	4.970	483	503	504	rBV7	17677	67268	0.06%	0.027%
8	5.940	650	662	675	rBV3	51085	156548	0.13%	0.063%
9	6.982	825	833	841	rBV2	27504	78545	0.07%	0.032%
10	7.080	841	849	862	rBV2	50888	173905	0.15%	0.070%
11	7.653	931	943	958	rBV	265438	672586	0.57%	0.271%
12	7.951	978	992	999	rVV4	27297	96685	0.08%	0.039%
13	8.323	1047	1053	1063	rVB	2532665	5793684	4.94%	2.335%
14	8.573	1088	1094	1105	rVB4	24763	63737	0.05%	0.026%
15	8.695	1105	1114	1128	rVB3	45275	106374	0.09%	0.043%
16	8.841	1128	1138	1149	rBV	482661	965584	0.82%	0.389%
17	9.274	1200	1209	1214	rBV	355394	732565	0.62%	0.295%
18	9.335	1214	1219	1233	rVB	178773	393736	0.34%	0.159%
19	9.896	1305	1311	1316	rBV2	59312	108144	0.09%	0.044%
20	9.963	1316	1322	1327	rBV2	58437	104530	0.09%	0.042%
21	10.030	1327	1333	1341	rBV	182971	328528	0.28%	0.132%
22	10.250	1363	1369	1374	rVB	141670	237790	0.20%	0.096%
23	10.323	1374	1381	1386	rBV	722771	1298408	1.11%	0.523%
24	10.384	1386	1391	1402	rVB	1242718	2205889	1.88%	0.889%
25	10.494	1403	1409	1417	rVB3	48753	109870	0.09%	0.044%
26	10.579	1417	1423	1427	rBV	118835	201852	0.17%	0.081%
27	10.664	1433	1437	1443	rBV3	40347	69832	0.06%	0.028%
28	10.762	1448	1453	1457	rBV4	33200	64638	0.06%	0.026%
29	10.847	1462	1467	1472	rVB2	62165	110132	0.09%	0.044%
30	10.926	1472	1480	1489	rBV3	342125	664355	0.57%	0.268%
31	11.036	1491	1498	1506	rBV	110268	234221	0.20%	0.094%
32	11.176	1516	1521	1526	rVB	73566	117728	0.10%	0.047%
33	11.335	1543	1547	1551	rBV	66947	110271	0.09%	0.044%
34	11.414	1551	1560	1567	rVB4	161258	405667	0.35%	0.163%
35	11.512	1567	1576	1580	rBV	133318	241234	0.21%	0.097%
36	11.561	1580	1584	1589	rVB	212398	313072	0.27%	0.126%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Title : SFAM01.0

37	11.658	1589	1600	1608	rBV2	67917988	117246901	100.00%	47.250%
38	11.731	1608	1612	1620	rVB	262719	453602	0.39%	0.183%
39	11.835	1620	1629	1639	rBV	522319	1241027	1.06%	0.500%
40	11.975	1646	1652	1654	rBV4	48648	95339	0.08%	0.038%
41	12.018	1655	1659	1662	rBV4	35970	61573	0.05%	0.025%
42	12.060	1662	1666	1670	rBV4	67958	104715	0.09%	0.042%
43	12.164	1671	1683	1689	rVB2	368464	937951	0.80%	0.378%
44	12.249	1693	1697	1701	rVV	203012	276052	0.24%	0.111%
45	12.329	1706	1710	1711	rBV3	71151	93043	0.08%	0.037%
46	12.365	1711	1716	1726	rVB3	256757	594868	0.51%	0.240%
47	12.463	1726	1732	1733	rBV5	114545	180553	0.15%	0.073%
48	12.505	1735	1739	1741	rBV4	100766	159374	0.14%	0.064%
49	12.536	1742	1744	1746	rVV	122992	128613	0.11%	0.052%
50	12.566	1746	1749	1753	rVB	295961	395987	0.34%	0.160%
51	12.615	1753	1757	1758	rBV3	43139	60739	0.05%	0.024%
52	12.652	1758	1763	1766	rBV3	366711	572011	0.49%	0.231%
53	12.688	1766	1769	1774	rVB	345799	555623	0.47%	0.224%
54	12.743	1774	1778	1782	rBV2	309250	566650	0.48%	0.228%
55	12.865	1791	1798	1799	rBV3	298612	519637	0.44%	0.209%
56	12.896	1800	1803	1804	rVV2	377676	497070	0.42%	0.200%
57	12.938	1806	1810	1814	rVV5	560375	1235815	1.05%	0.498%
58	12.987	1815	1818	1822	rVB3	311788	491925	0.42%	0.198%
59	13.079	1828	1833	1834	rBV2	364537	485934	0.41%	0.196%
60	13.109	1835	1838	1839	rVV	418765	572738	0.49%	0.231%
61	13.164	1843	1847	1853	rVB	1477498	2271545	1.94%	0.915%
62	13.249	1853	1861	1864	rBV2	477224	996318	0.85%	0.402%
63	13.292	1864	1868	1872	rVB2	344119	434085	0.37%	0.175%
64	13.341	1872	1876	1880	rBV2	485398	809108	0.69%	0.326%
65	13.444	1885	1893	1896	rBV4	1767294	3649443	3.11%	1.471%
66	13.481	1896	1899	1902	rVB	1182375	1371133	1.17%	0.553%
67	13.517	1902	1905	1907	rVB	624230	558943	0.48%	0.225%
68	13.554	1907	1911	1914	rBV2	1112766	1460898	1.25%	0.589%
69	13.621	1919	1922	1928	rVB	1578293	2259270	1.93%	0.910%
70	13.694	1929	1934	1938	rBV3	597275	1079519	0.92%	0.435%
71	13.871	1948	1963	1968	rBV3	3392577	8806594	7.51%	3.549%
72	13.914	1968	1970	1975	rVB2	1143191	1524272	1.30%	0.614%
73	13.975	1976	1980	1983	rBV4	739438	1086386	0.93%	0.438%
74	14.023	1984	1988	1992	rBV2	945377	1715064	1.46%	0.691%
75	14.127	2002	2005	2011	rVB	1334443	2133807	1.82%	0.860%
76	14.188	2011	2015	2019	rBV5	556315	937186	0.80%	0.378%

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 Title : SFAM01.0

77	14.261	2023	2027	2032	rVV3	963168	1719790	1.47%	0.693%
78	14.316	2032	2036	2037	rVV2	670772	916929	0.78%	0.370%
79	14.353	2037	2042	2043	rVV3	2440625	4172478	3.56%	1.681%
80	14.383	2043	2047	2051	rVV4	5006011	9067953	7.73%	3.654%
81	14.426	2051	2054	2058	rVV2	1796030	2566738	2.19%	1.034%
82	14.493	2061	2065	2068	rVV2	1326895	1872029	1.60%	0.754%
83	14.548	2069	2074	2079	rVV3	1896316	3167607	2.70%	1.277%
84	14.597	2079	2082	2088	rVB7	368280	665528	0.57%	0.268%
85	14.658	2089	2092	2096	rVV	429242	568679	0.49%	0.229%
86	14.737	2101	2105	2110	rBV3	977517	2032871	1.73%	0.819%
87	14.792	2110	2114	2117	rVV2	1696227	2866319	2.44%	1.155%
88	14.834	2117	2121	2128	rVV	4821378	8236551	7.02%	3.319%
89	14.920	2132	2135	2139	rVB4	697157	991466	0.85%	0.400%
90	15.115	2164	2167	2169	rBV2	632474	858101	0.73%	0.346%
91	15.231	2178	2186	2188	rBV5	1189380	2934573	2.50%	1.183%
92	15.322	2196	2201	2208	rBV2	3010433	5008528	4.27%	2.018%
93	15.578	2239	2243	2247	rVB2	989272	1467815	1.25%	0.592%
94	15.627	2247	2251	2254	rBV2	1195450	2147975	1.83%	0.866%
95	15.724	2262	2267	2276	rVB4	2630959	5280514	4.50%	2.128%
96	15.816	2278	2282	2287	rVB3	1283570	2062121	1.76%	0.831%
97	16.066	2320	2323	2332	rBV10	456018	1424260	1.21%	0.574%
98	16.157	2334	2338	2342	rVV5	1064465	2115720	1.80%	0.853%
99	16.206	2342	2346	2351	rVV3	1355599	2739299	2.34%	1.104%
100	16.279	2354	2358	2367	rVB4	1634492	3896331	3.32%	1.570%

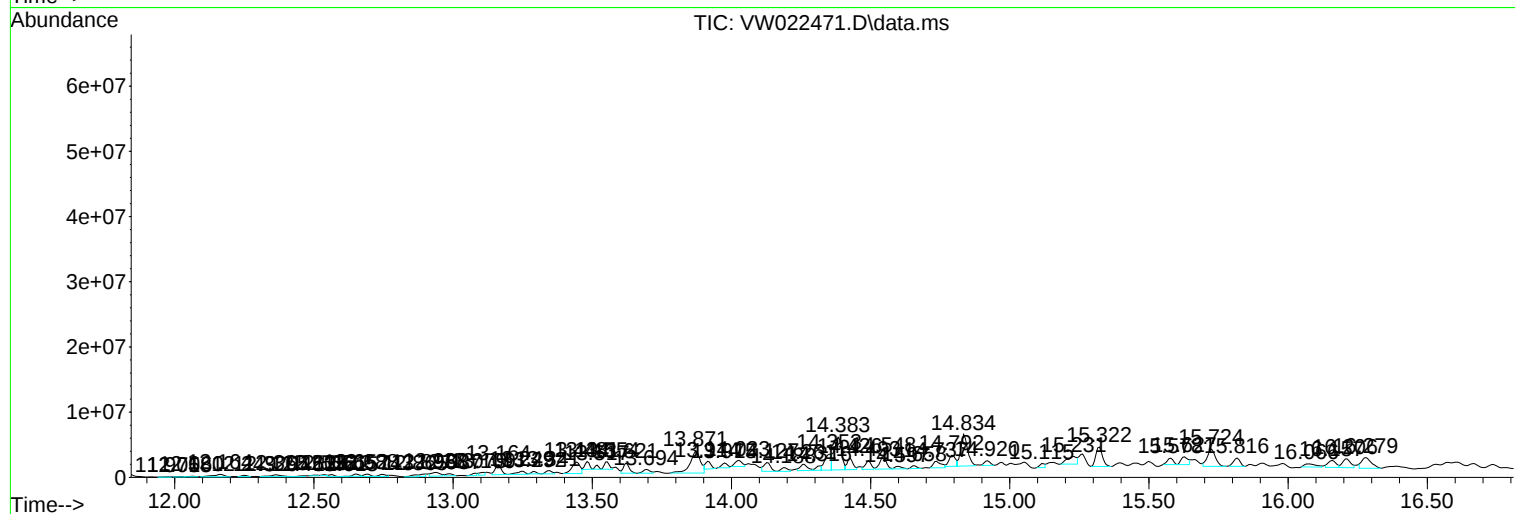
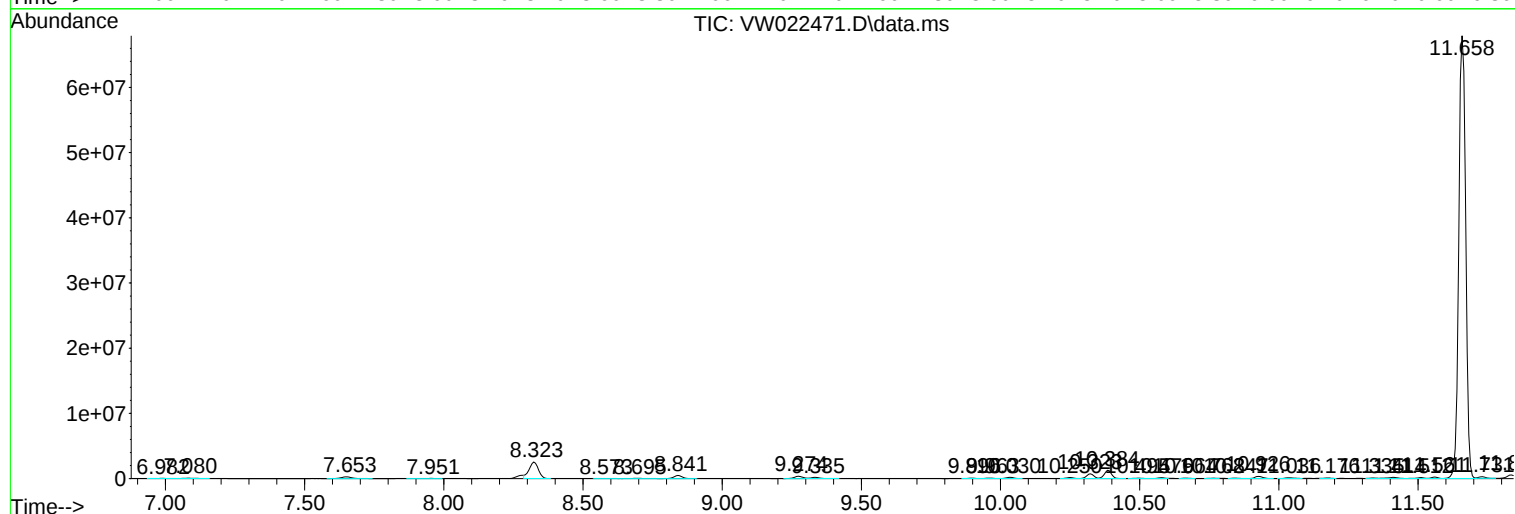
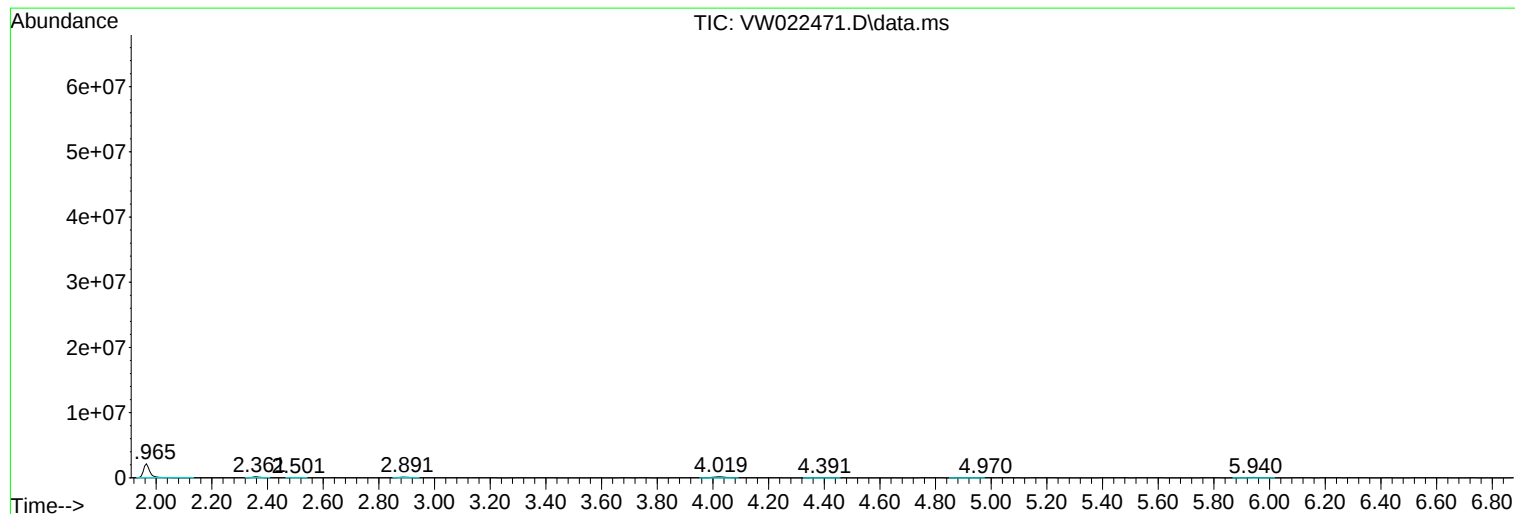
Sum of corrected areas: 248141399

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Instrument :
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ClientSampleId :
ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

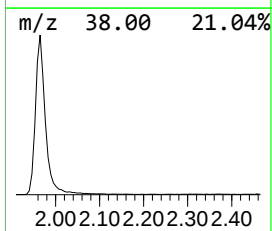
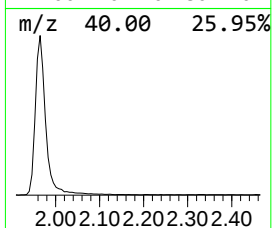
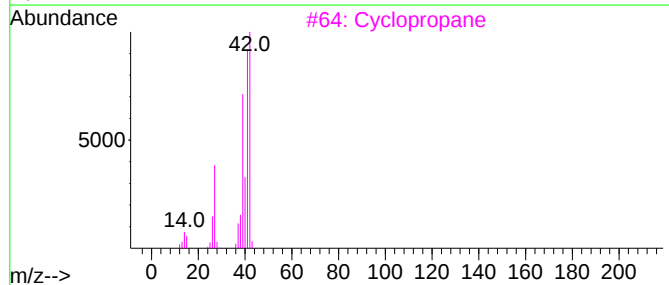
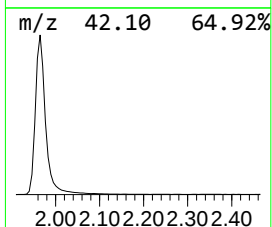
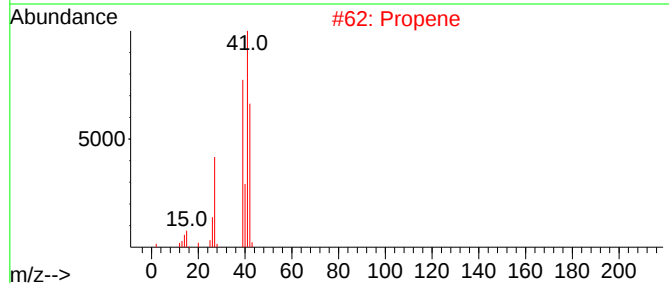
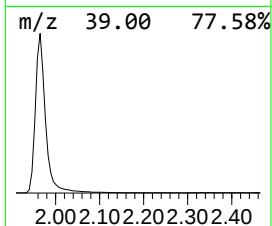
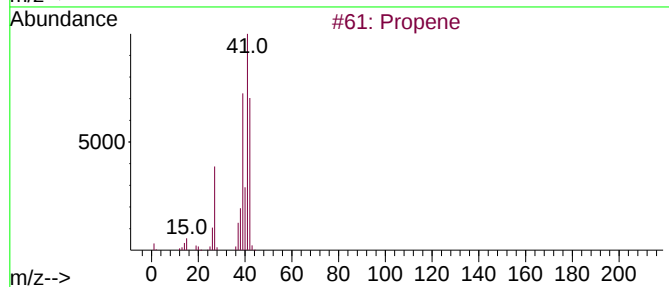
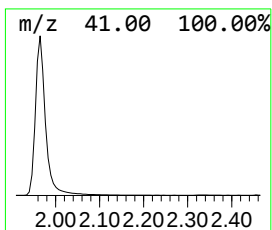
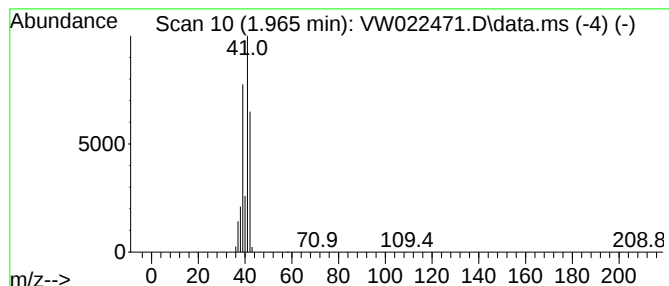
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	88.47 ug/L	3417080	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	59
3			Cyclopropane	42	C3H6	000075-19-4	10
4			Cyclopropene	40	C3H4	002781-85-3	9
5			Cyclopropane	42	C3H6	000075-19-4	7



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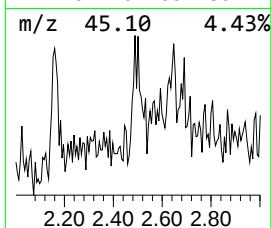
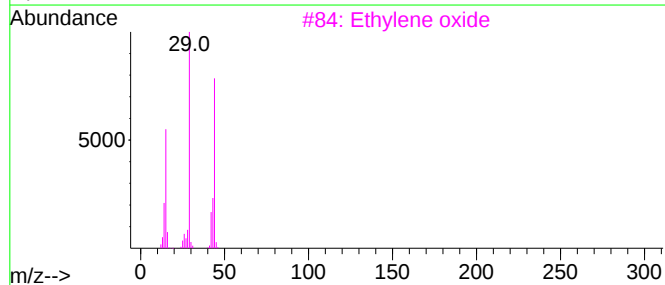
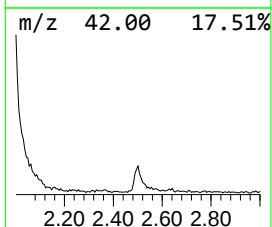
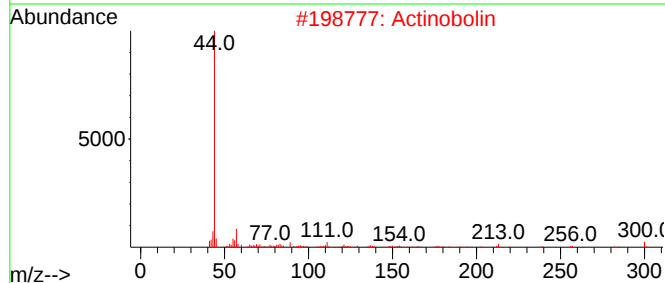
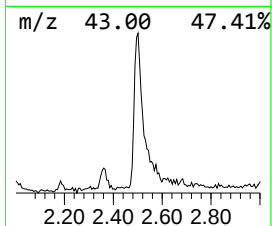
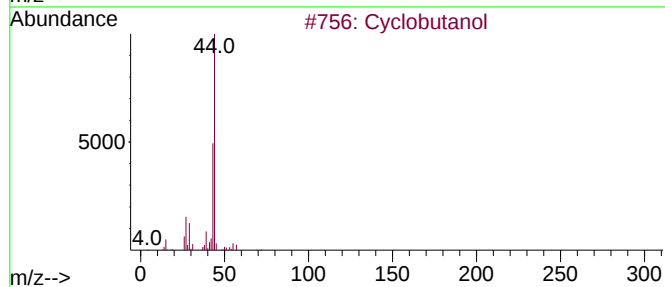
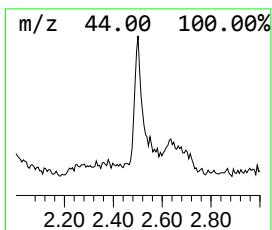
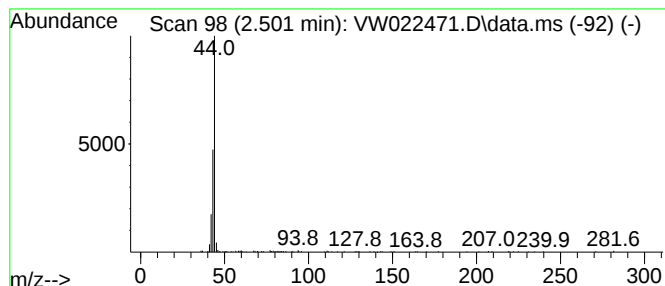
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.501	1.96 ug/L	75828	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutanol	72	C4H8O	002919-23-5	45
2			Actinobolin	300	C13H20N2O6	024397-89-5	39
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			Acetaldehyde	44	C2H4O	000075-07-0	9
5			Acetaldehyde	44	C2H4O	000075-07-0	9



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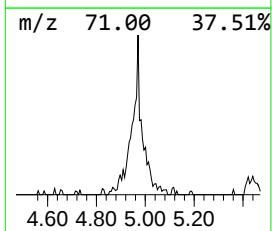
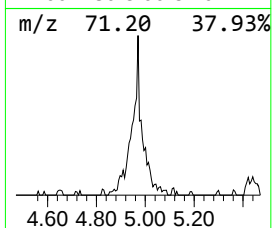
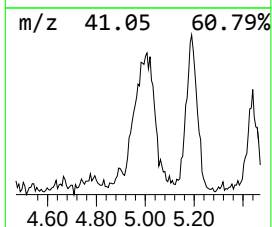
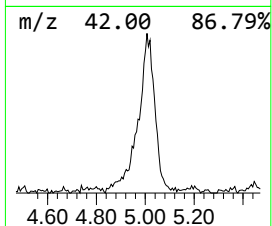
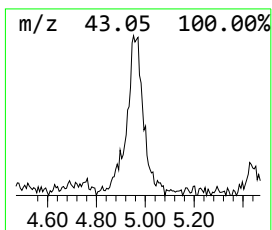
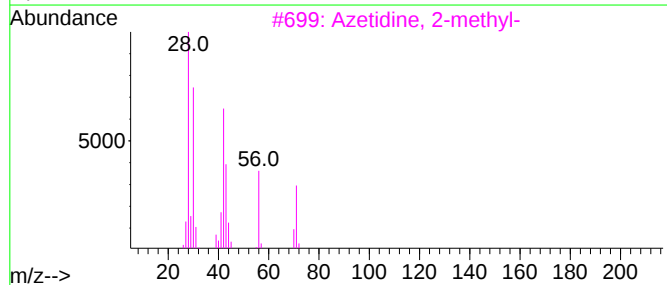
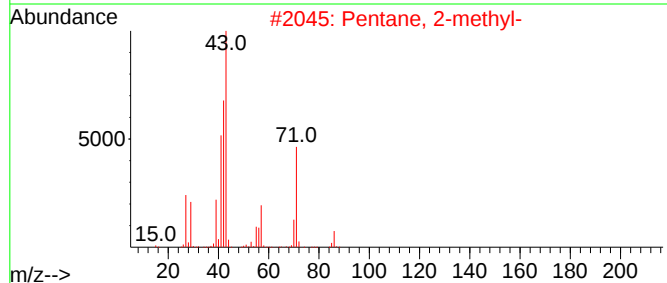
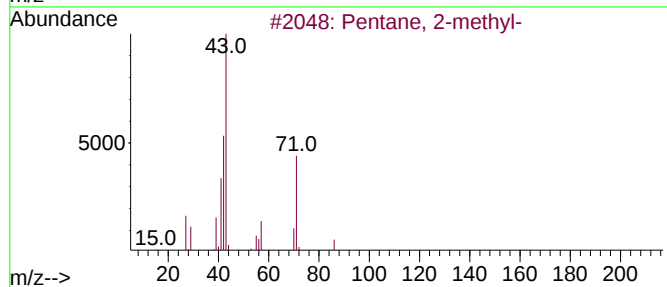
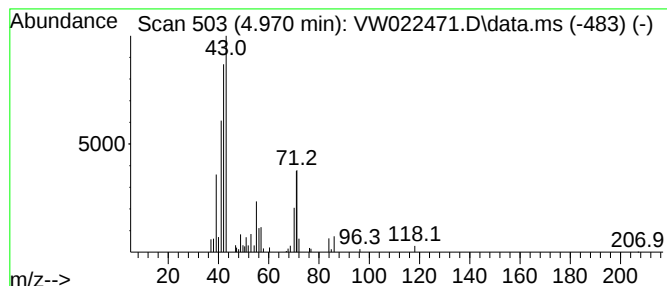
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.970	1.74 ug/L	67268	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
3	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	64
4	N-Vinylformamide	71	C3H5NO	013162-05-5	45
5	Pentane-2-sulfonamide	151	C5H13NO2S	017854-62-5	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

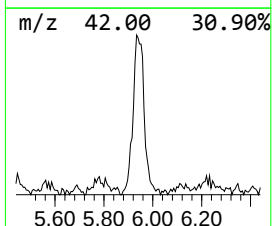
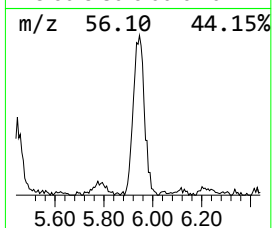
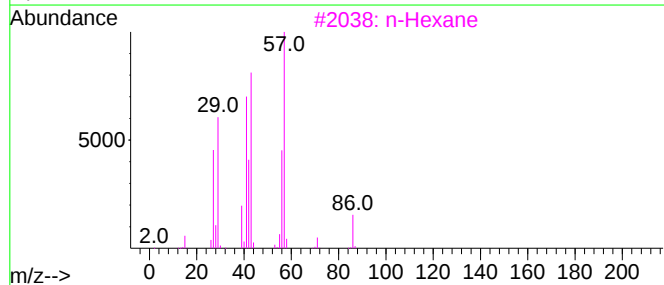
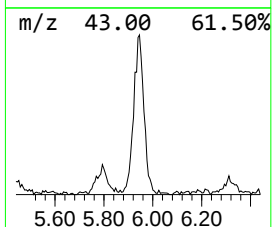
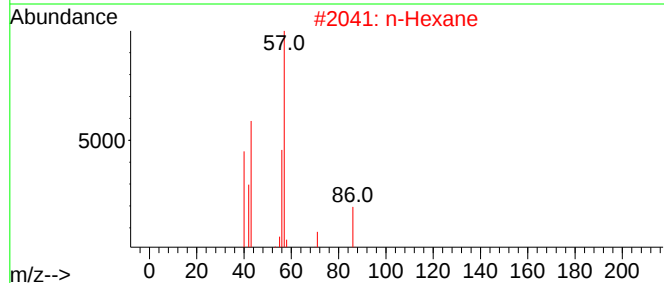
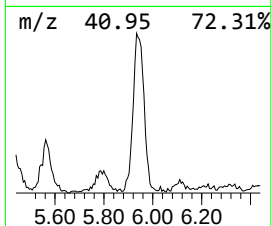
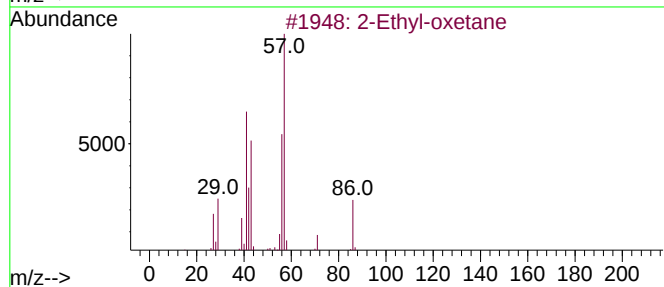
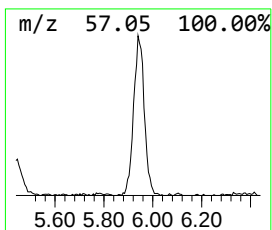
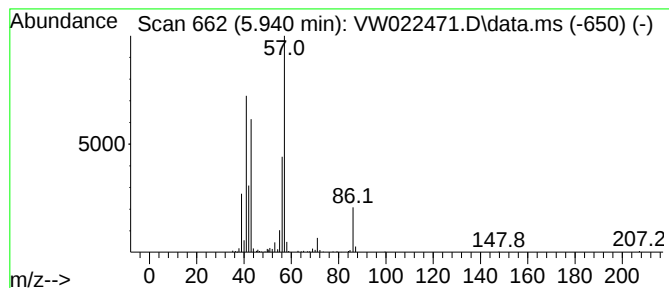
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Quant Title : SFAM01.0

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

Peak Number 4 2-Ethyl-oxetane Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	4.05 ug/L	156548	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2			n-Hexane	86	C6H14	000110-54-3	86
3			n-Hexane	86	C6H14	000110-54-3	64
4			n-Hexane	86	C6H14	000110-54-3	64
5			n-Hexane	86	C6H14	000110-54-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

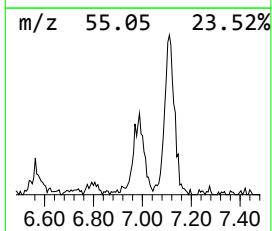
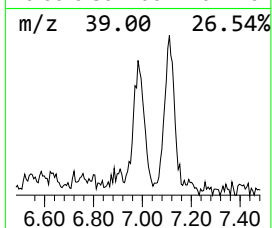
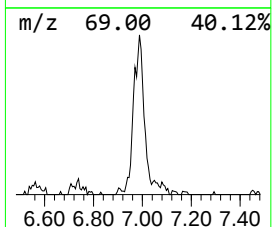
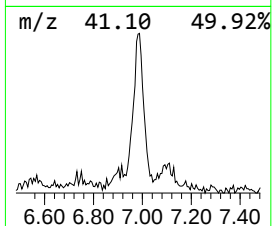
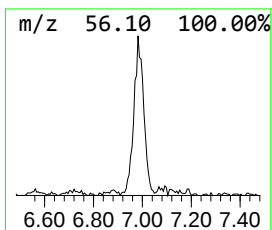
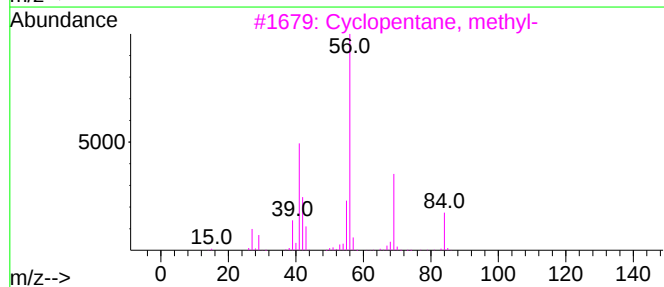
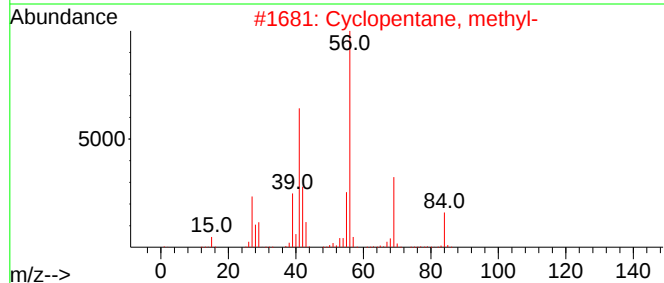
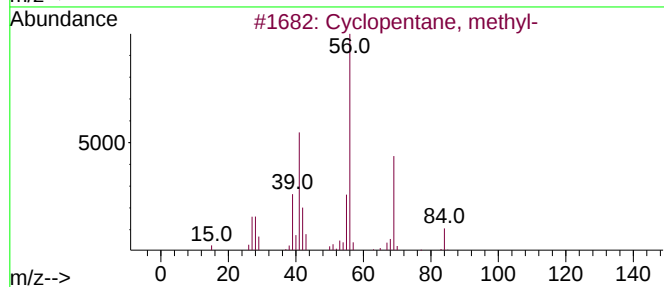
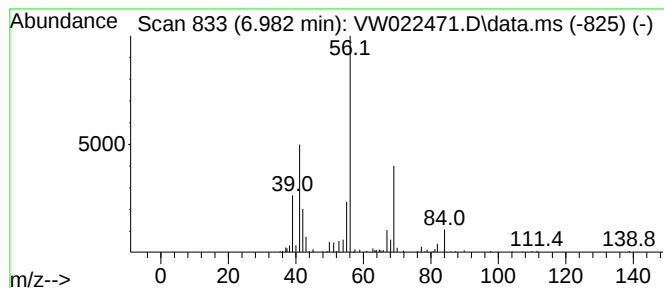
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic6.982 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	2.03 ug/L	78545	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4			Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

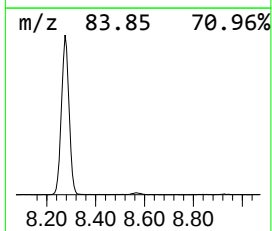
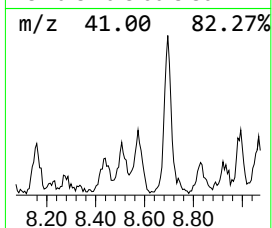
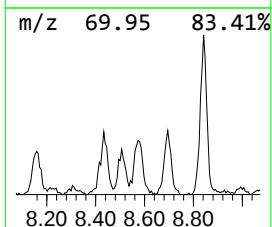
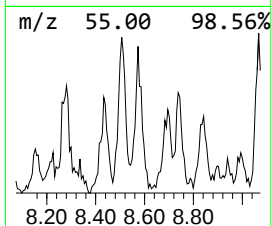
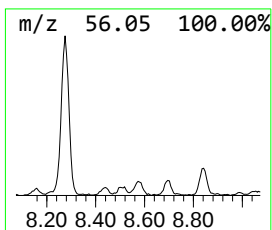
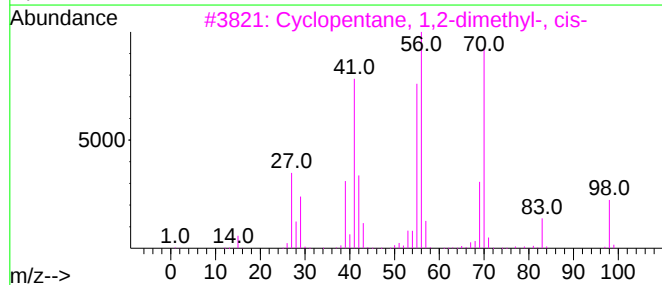
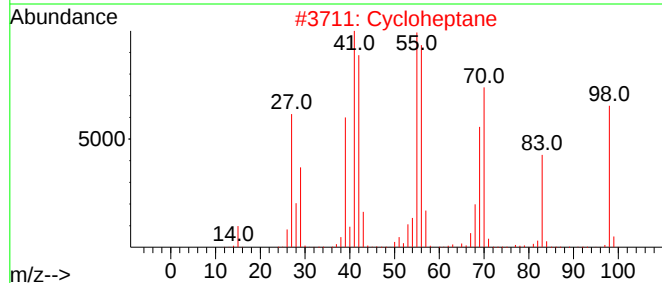
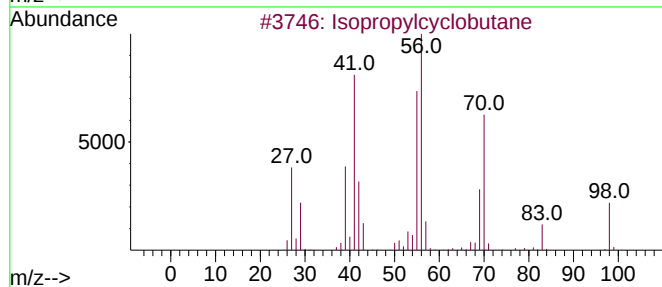
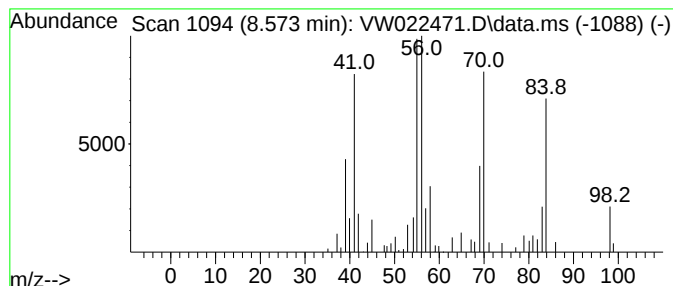
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic8.573 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	1.65 ug/L	63737	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropylcyclobutane	98	C7H14	000872-56-0	76
2		Cycloheptane	98	C7H14	000291-64-5	62
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	49
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	49
5		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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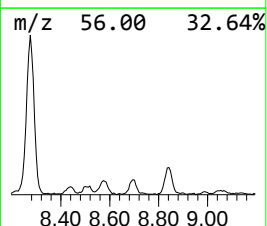
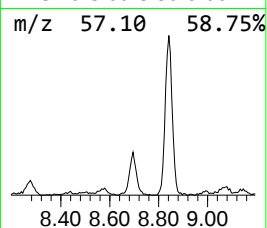
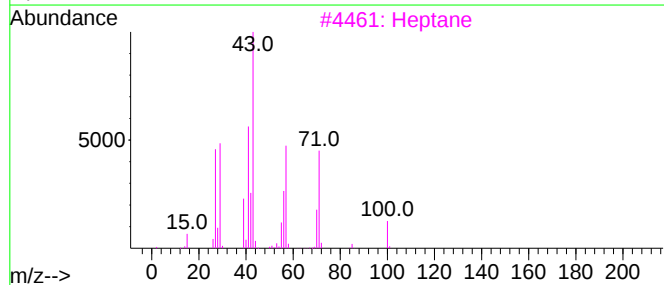
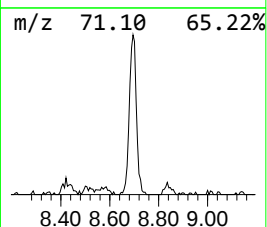
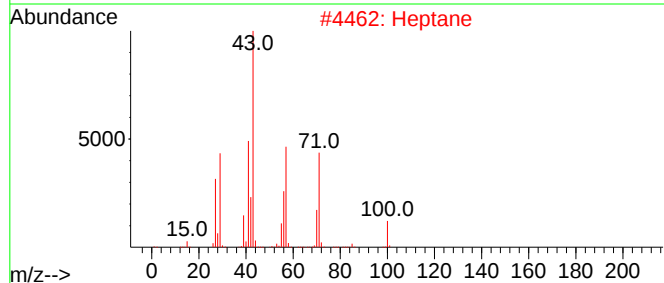
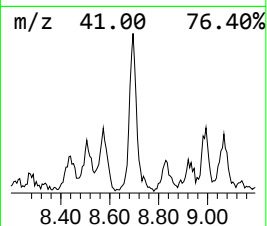
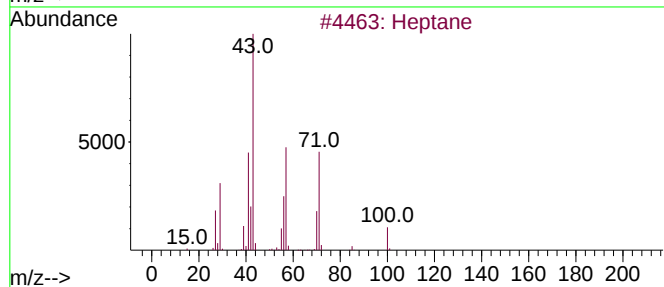
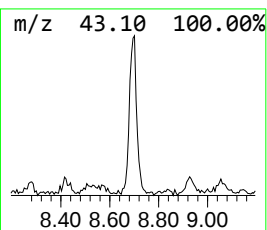
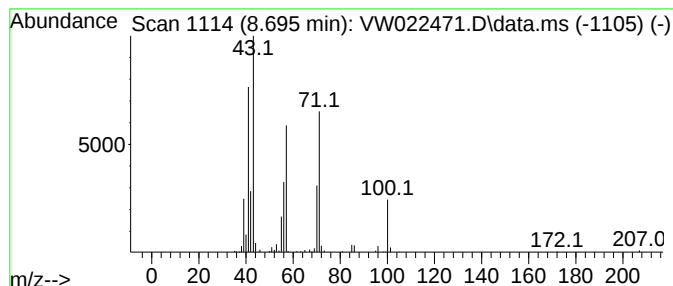
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	2.75 ug/L	106374	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	87
2	Heptane			100	C7H16	000142-82-5	72
3	Heptane			100	C7H16	000142-82-5	72
4	Heptane			100	C7H16	000142-82-5	64
5	Decane, 1,1'-oxybis-			298	C20H42O	002456-28-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

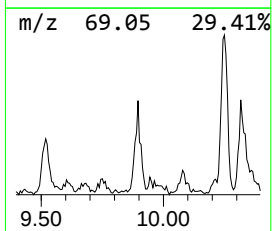
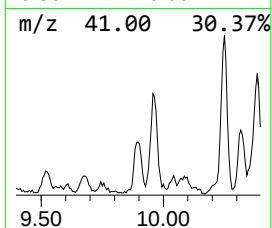
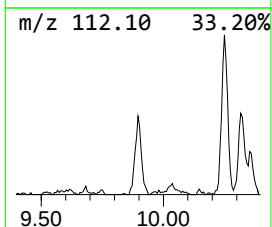
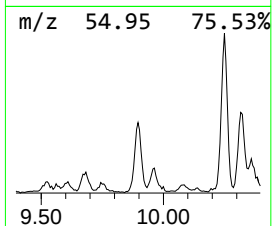
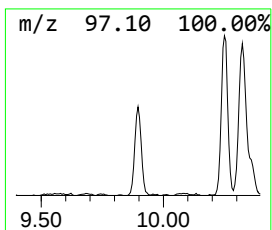
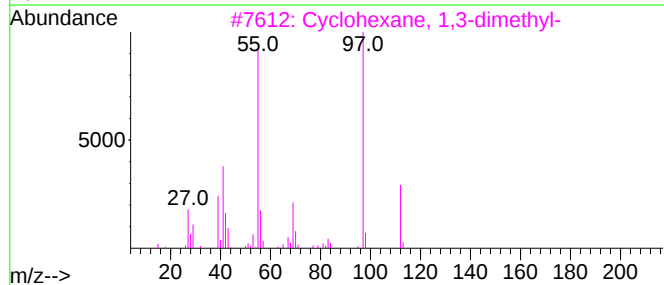
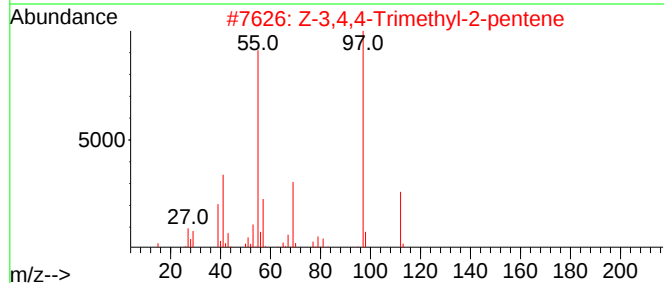
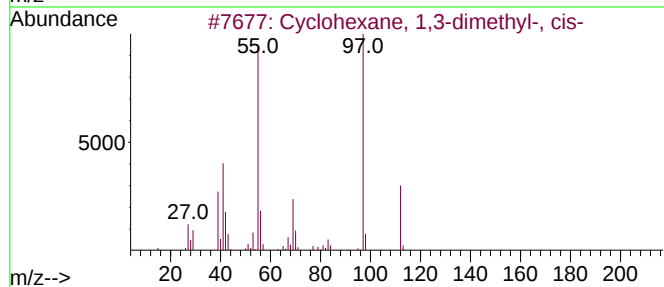
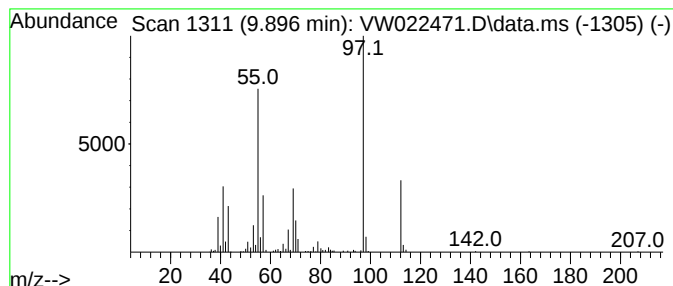
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic9.896 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	2.80 ug/L	108144	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
2			Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	87
3			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	80
4			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	80
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

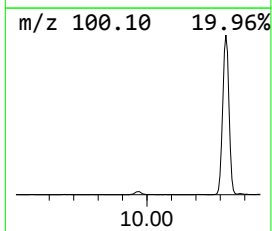
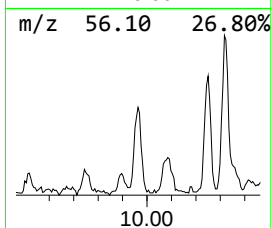
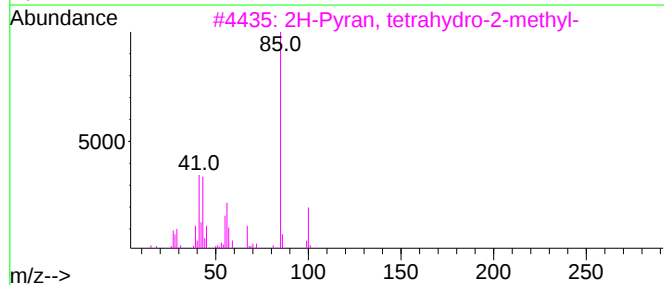
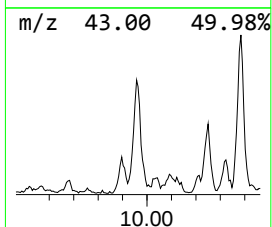
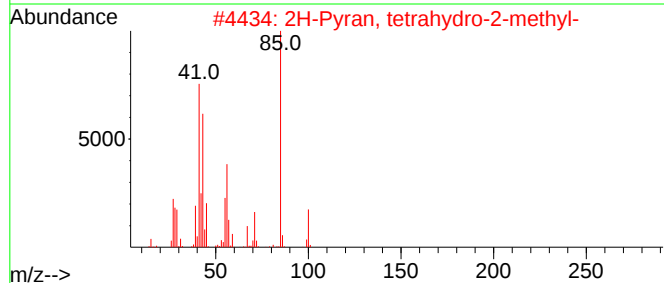
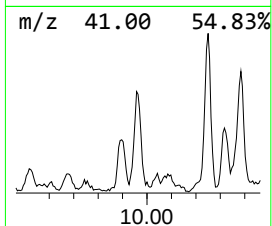
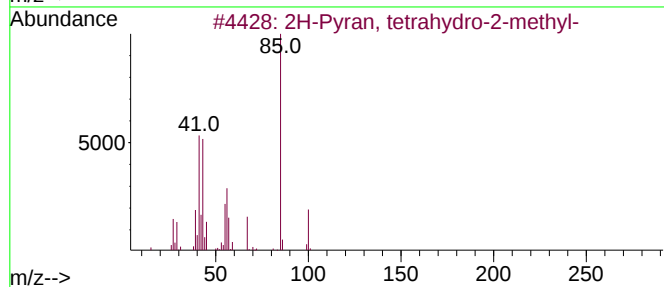
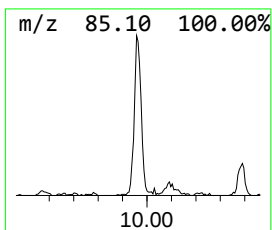
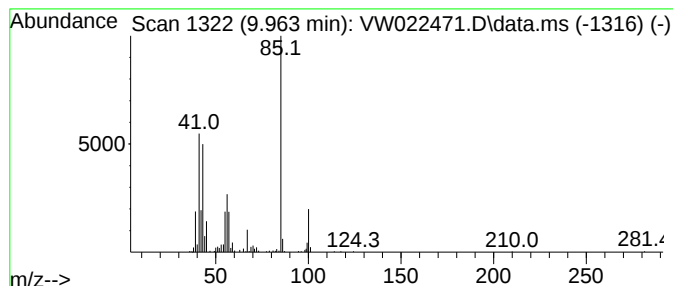
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Quant Title : SFAM01.0

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

Peak Number 9 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	2.71 ug/L	104530	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	94
2	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	87
4	1-Methoxy-3-methyl-2-butene			100	C6H12O	022093-99-8	62
5	2(3H)-Furanone, 5-ethylidihydro-			114	C6H10O2	000695-06-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

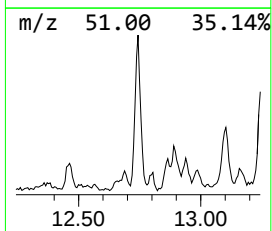
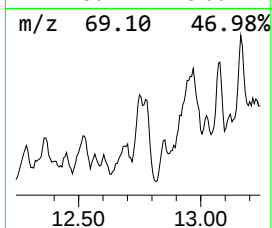
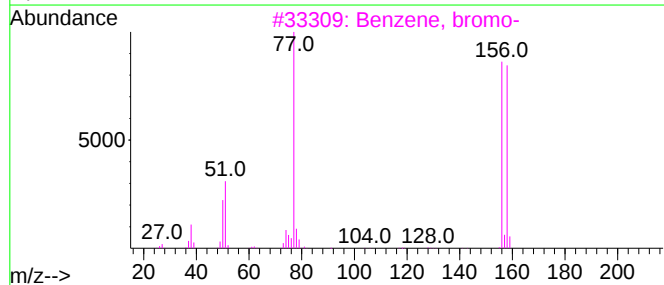
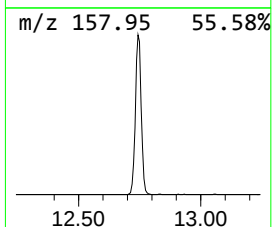
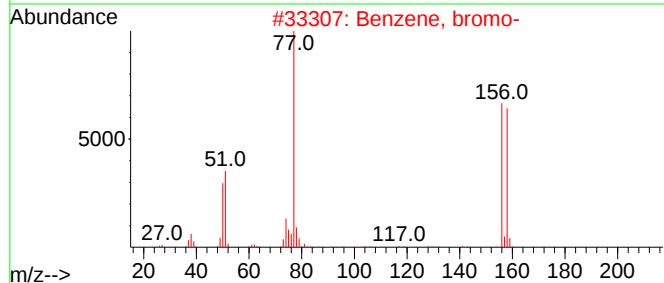
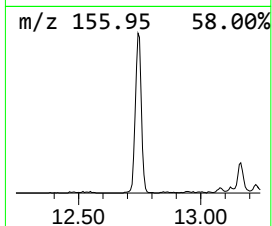
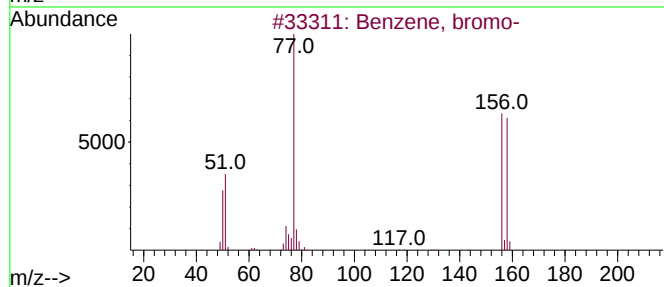
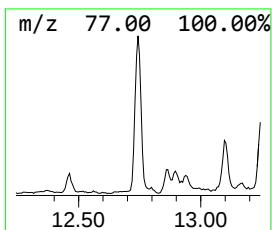
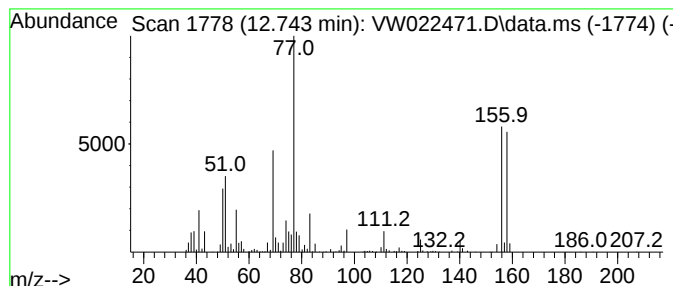
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, bromo- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	9.70 ug/L	566650	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, bromo-	156	C6H5Br	000108-86-1	96
2			Benzene, bromo-	156	C6H5Br	000108-86-1	93
3			Benzene, bromo-	156	C6H5Br	000108-86-1	93
4			Benzene, bromo-	156	C6H5Br	000108-86-1	90
5			Benzene, bromo-	156	C6H5Br	000108-86-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

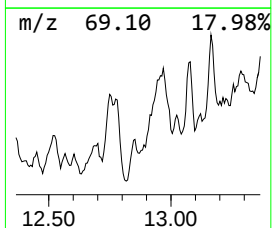
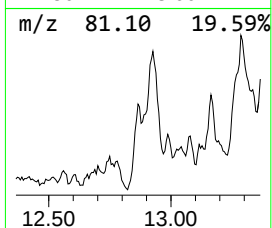
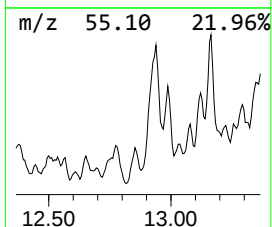
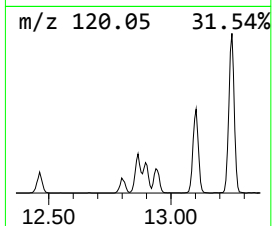
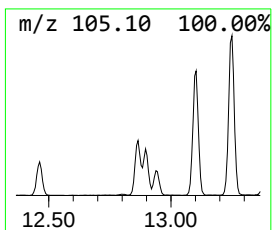
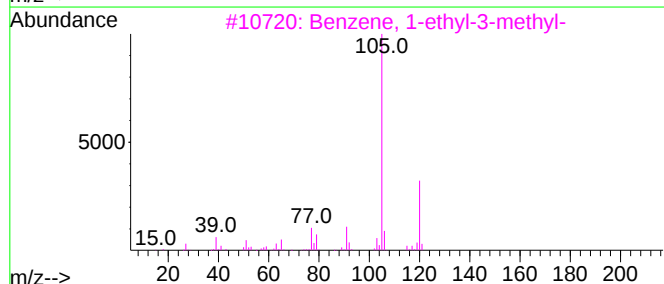
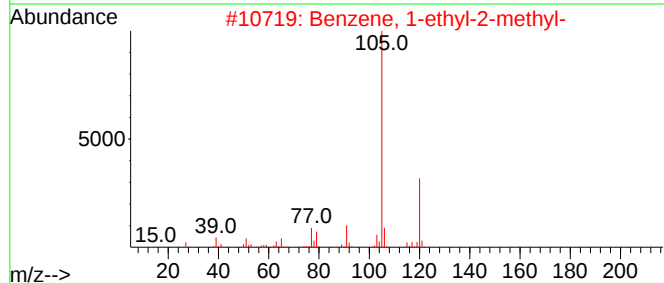
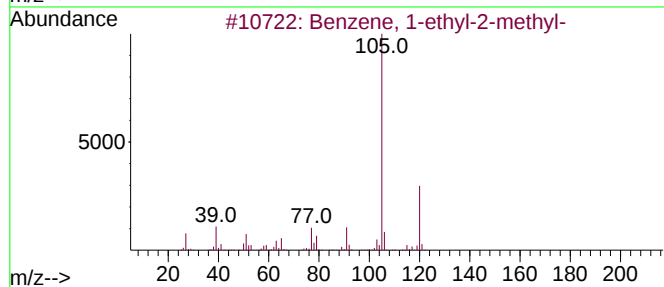
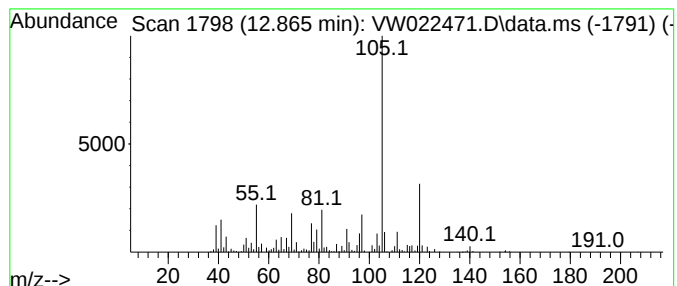
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	8.89 ug/L	519637	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5			Mesitylene	120	C9H12	000108-67-8	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

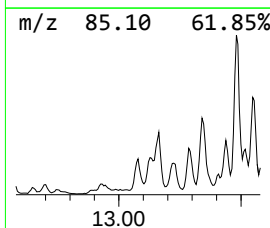
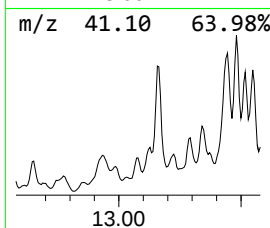
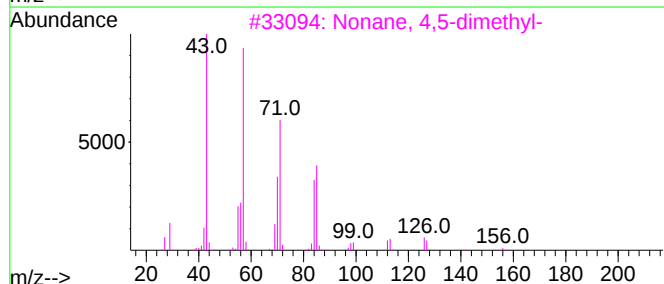
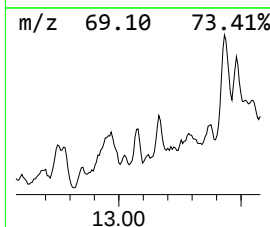
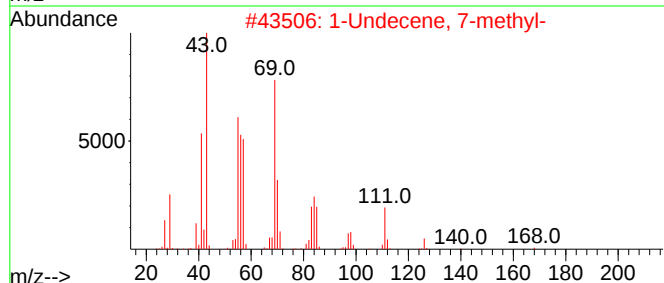
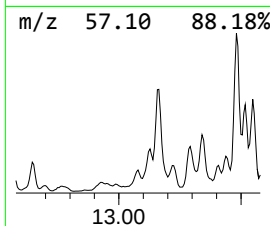
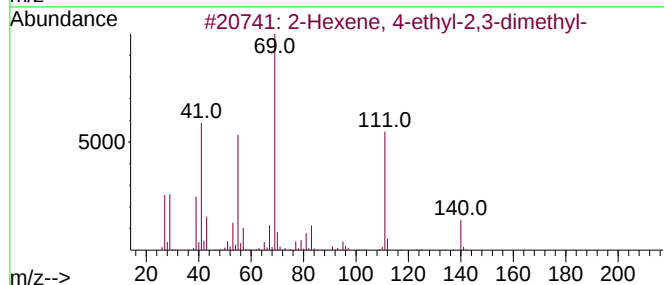
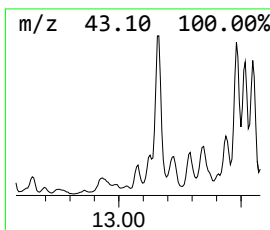
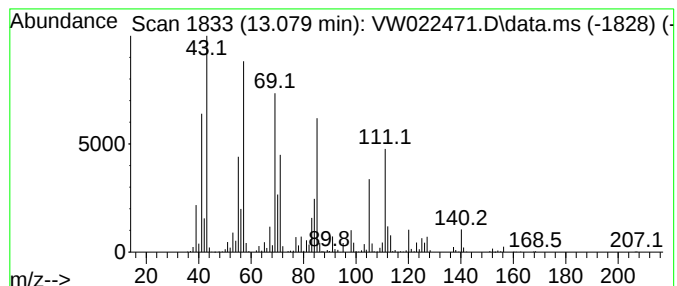
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	8.32 ug/L	485934	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	41	
2	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	41	
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	35	
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	35	
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	30	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

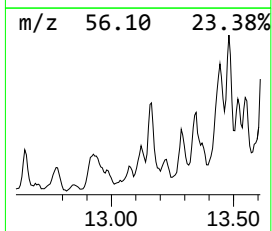
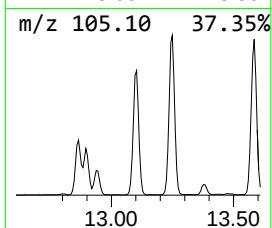
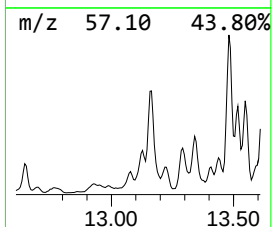
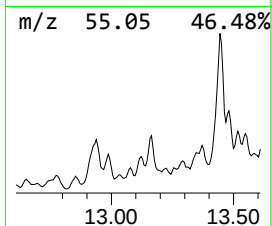
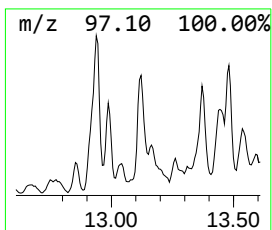
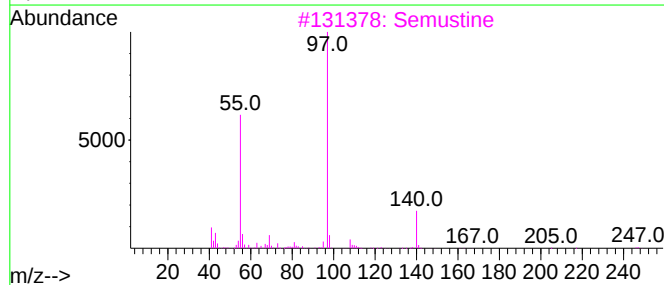
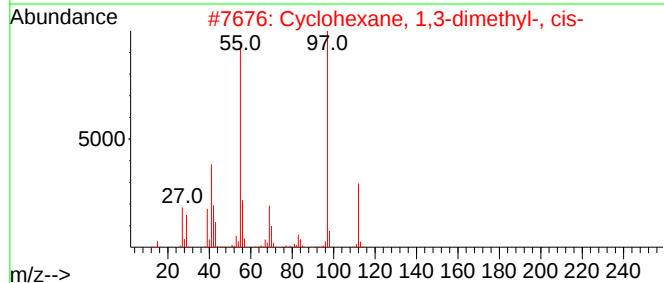
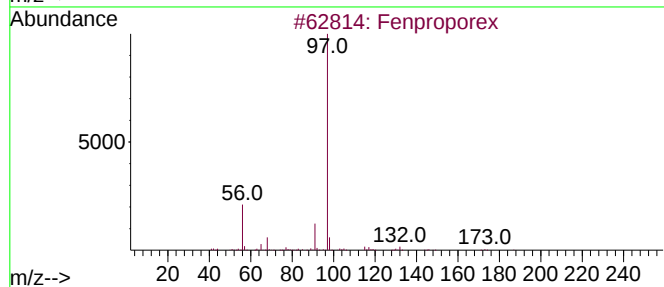
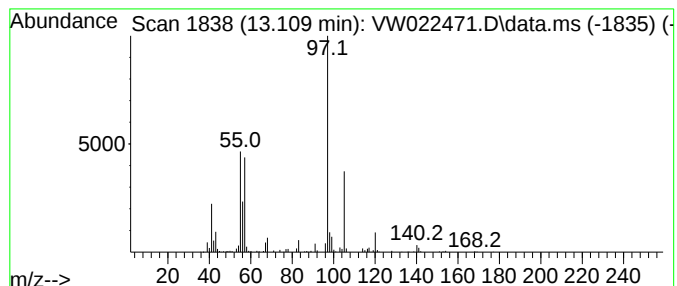
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.109	9.80 ug/L	572738	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenproporex	188	C12H16N2	015686-61-0	40
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	40
3			Semustine	247	C10H18ClN3O2	013909-09-6	38
4			N-acetylfenproporex	230	C14H18N2O	1000379-03-6	38
5			4,4-Dimethyl-4,5-dihydro-1,3-oxa...	142	C7H14N2O	023802-98-4	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

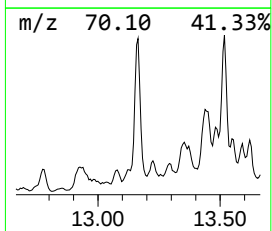
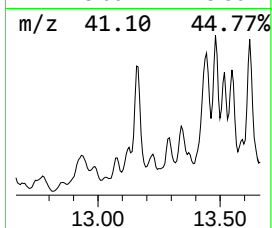
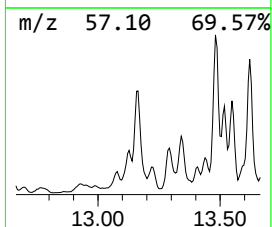
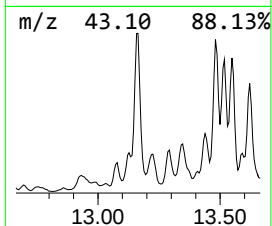
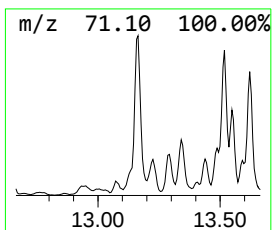
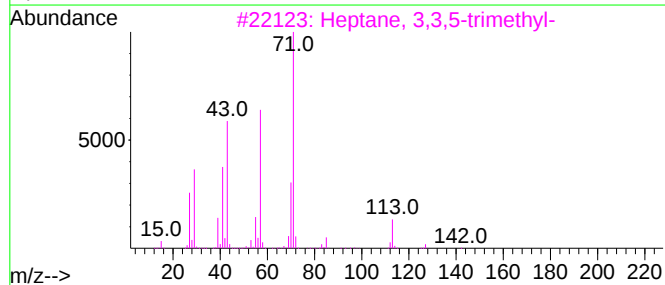
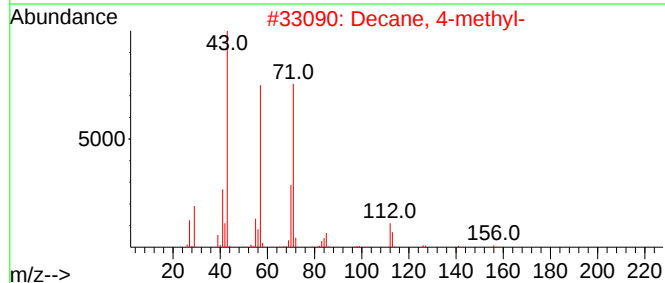
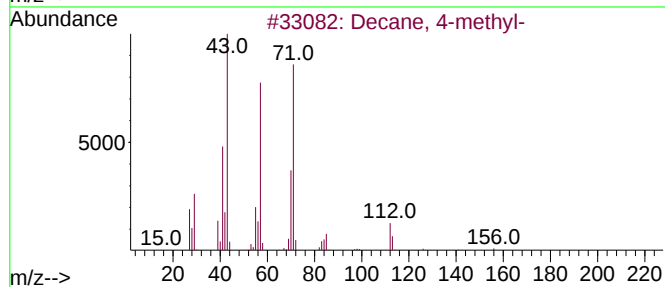
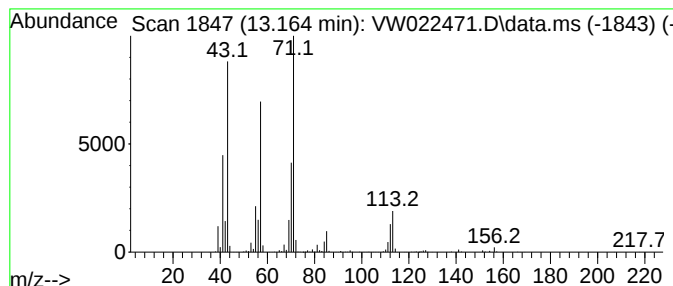
Instrument :
MSVOA_W
ClientSampleId :
ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.164	38.87 ug/L	2271550	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	87
2	Decane, 4-methyl-		156	C11H24	002847-72-5	86
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	72
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\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

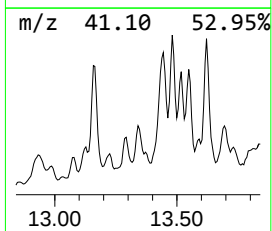
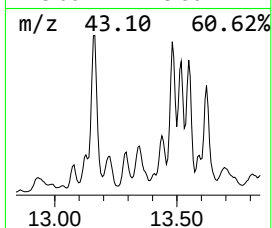
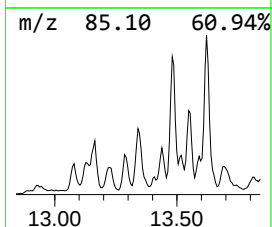
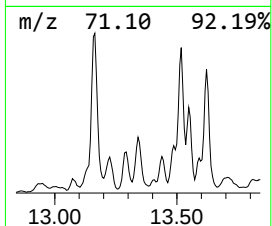
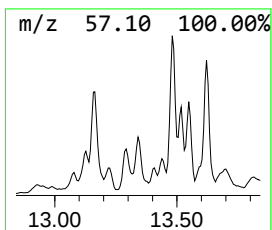
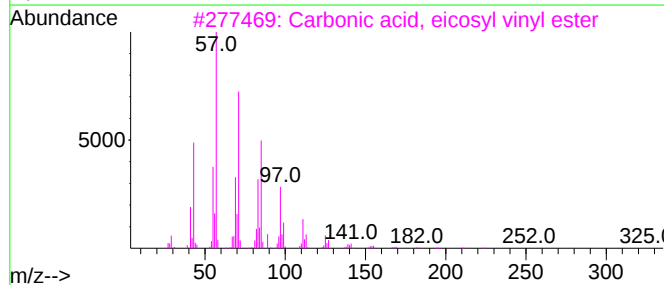
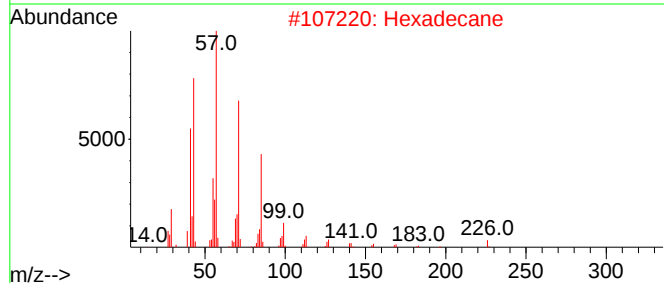
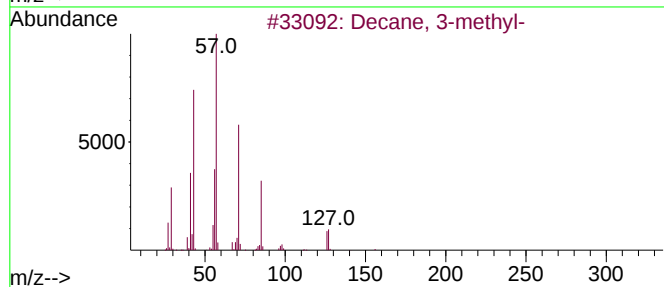
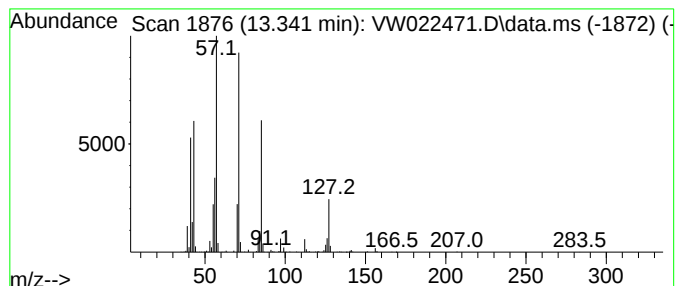
Instrument :
MSVOA_W
ClientSampleId :
ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.341	13.85 ug/L	809108	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	83
2	Hexadecane		226	C16H34	000544-76-3	78
3	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	64
4	Decane, 3-methyl-		156	C11H24	013151-34-3	64
5	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

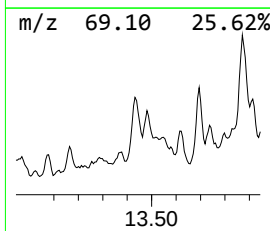
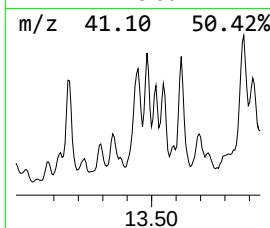
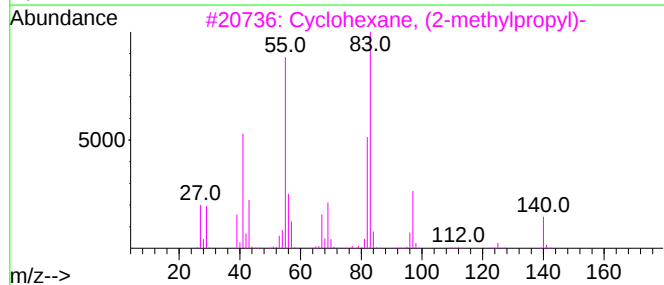
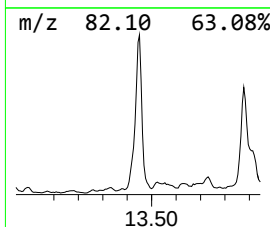
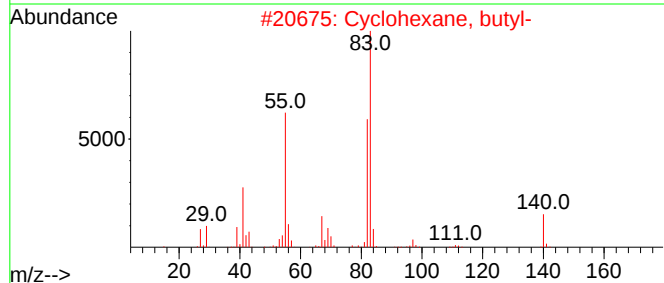
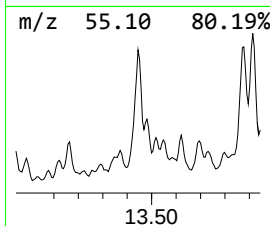
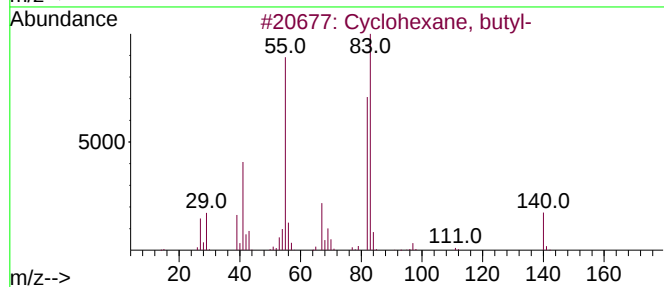
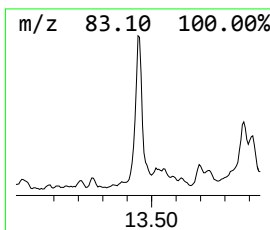
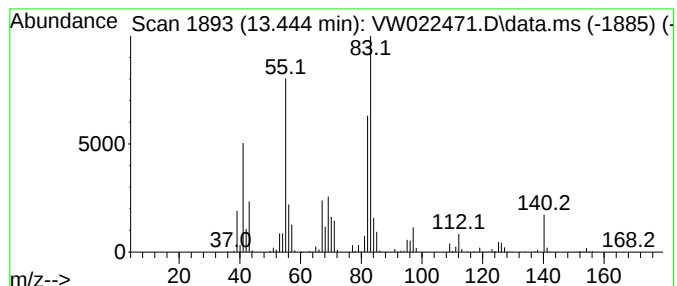
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic13.444 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	62.45 ug/L	3649440	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

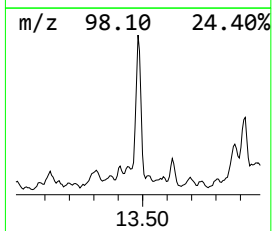
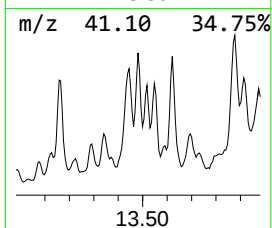
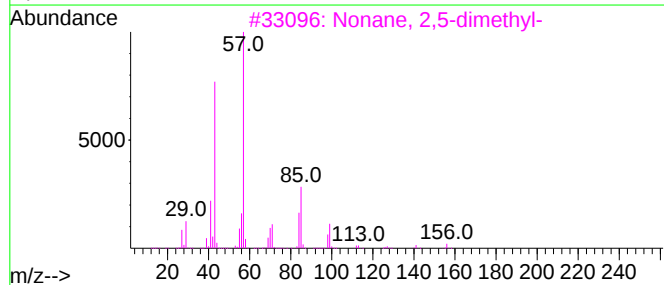
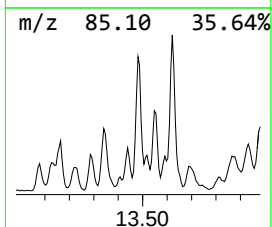
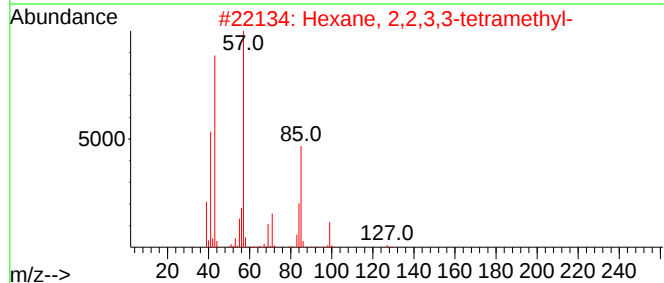
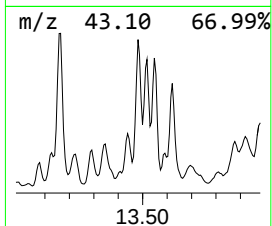
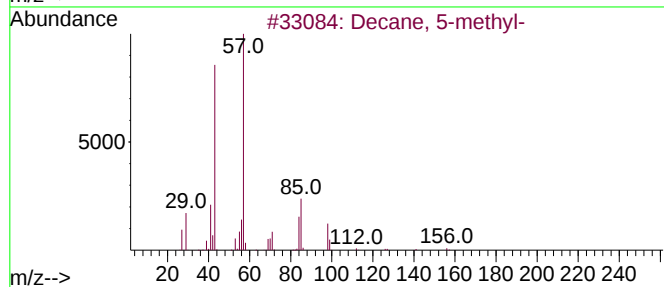
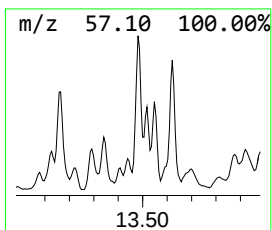
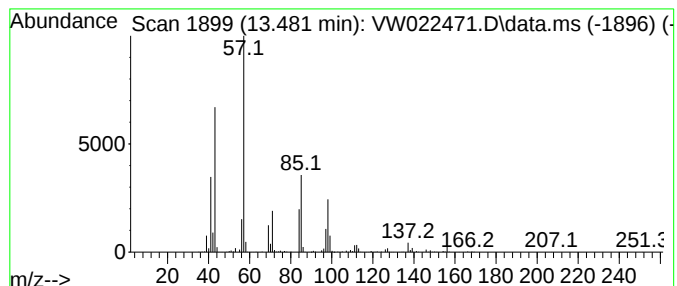
Instrument :
MSVOA_W
ClientSampleId :
ETNP7

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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.481	23.46 ug/L	1371130	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	64
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	49
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5	Nonane	128	C9H20	000111-84-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

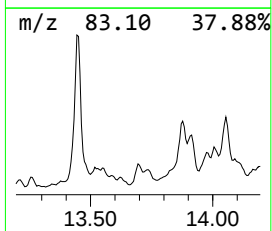
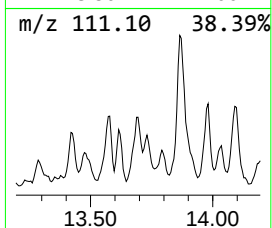
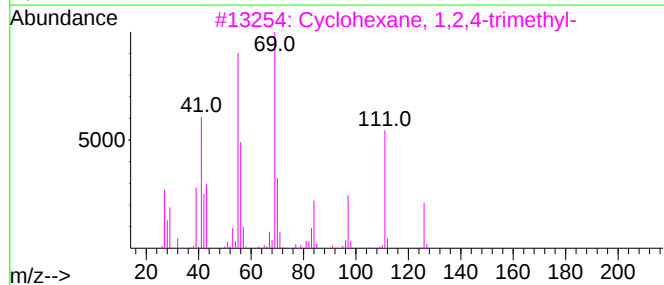
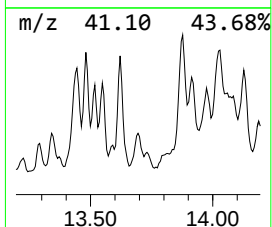
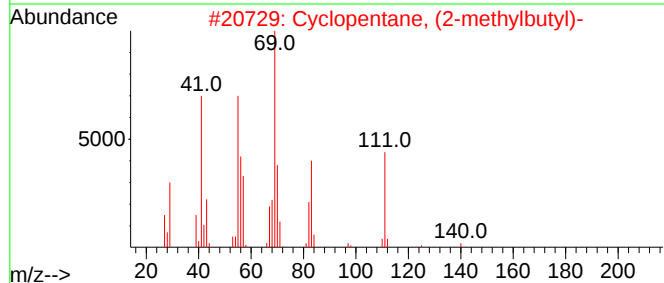
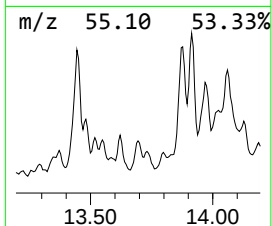
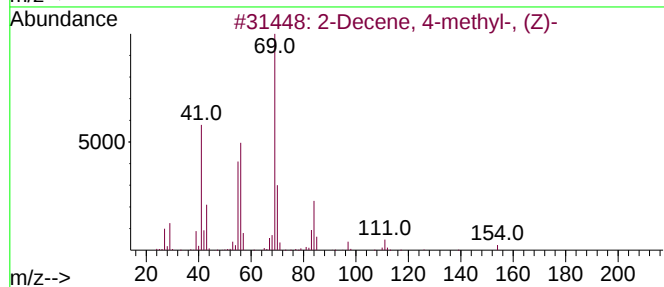
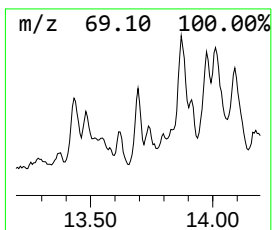
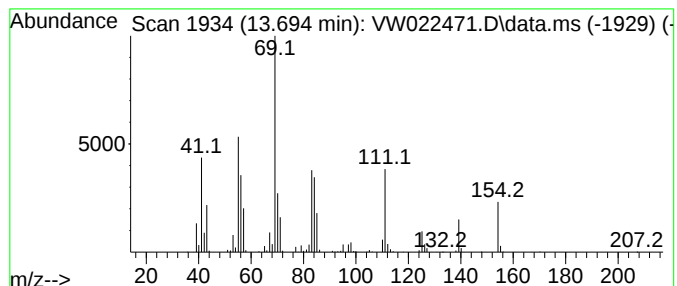
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	18.47 ug/L	1079520	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-			154	C11H22	074630-30-1	64
2	Cyclopentane, (2-methylbutyl)-			140	C10H20	053366-38-4	58
3	Cyclohexane, 1,2,4-trimethyl-			126	C9H18	002234-75-5	53
4	Cyclohexane, 1,1,2-trimethyl-			126	C9H18	007094-26-0	53
5	1,1,4-Trimethylcyclohexane			126	C9H18	007094-27-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

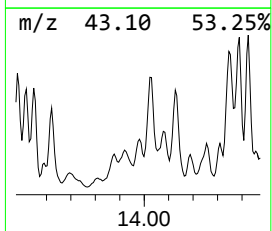
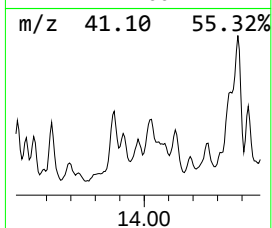
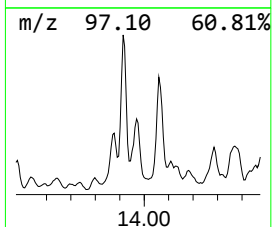
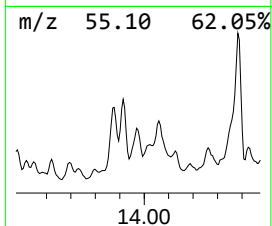
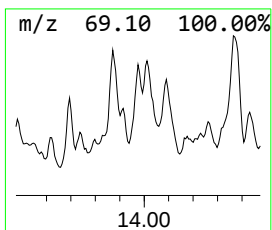
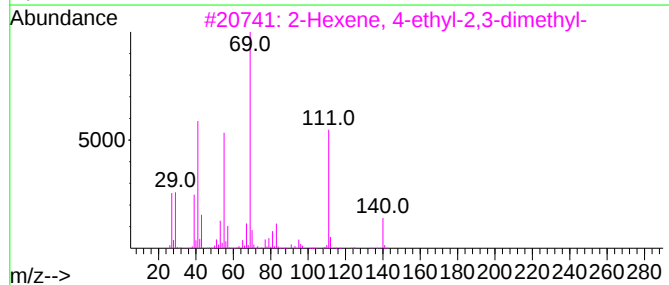
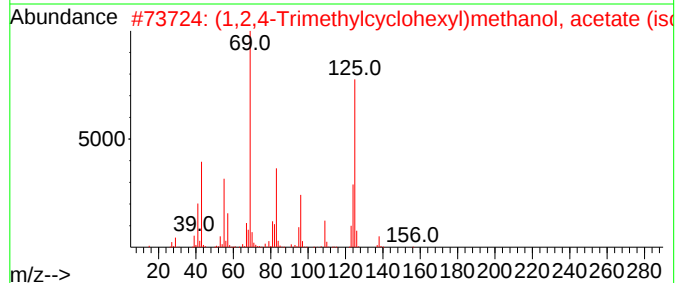
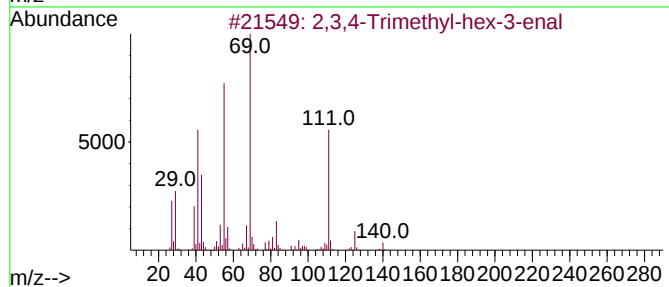
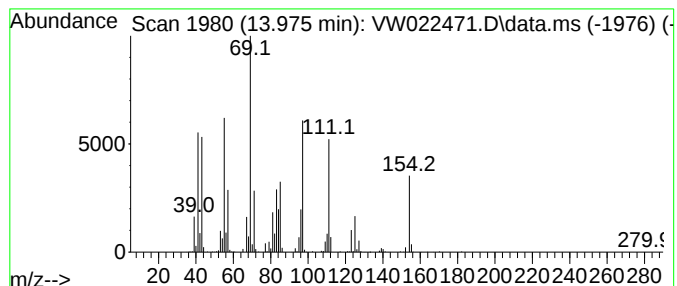
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	18.59 ug/L	1086390	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	38
2		(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	38
3		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	35
4		1,1'-Bicyclooctyl	222	C16H30	006708-17-4	35
5		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

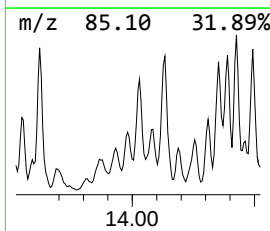
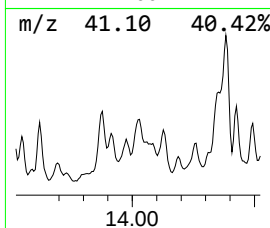
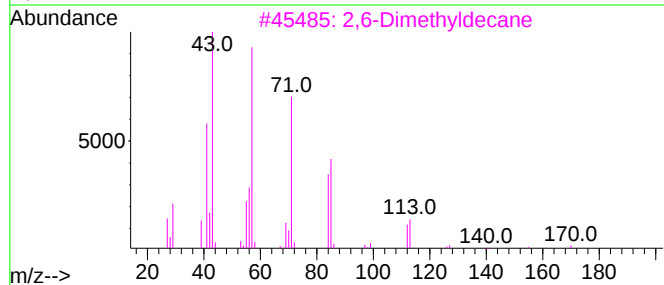
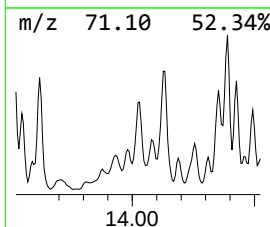
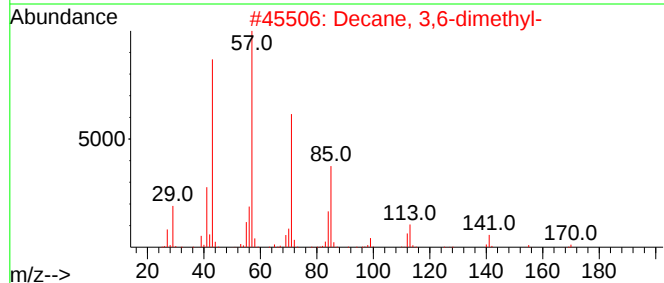
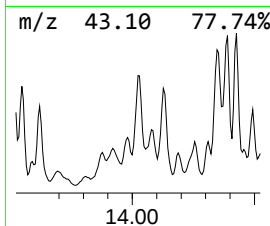
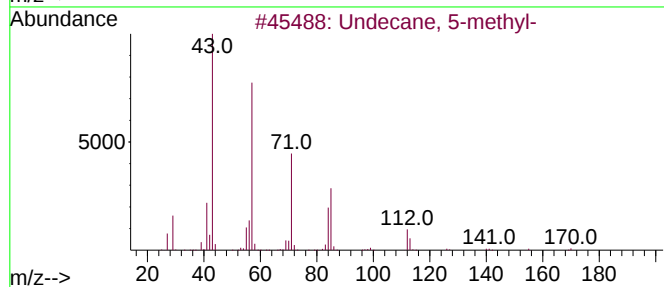
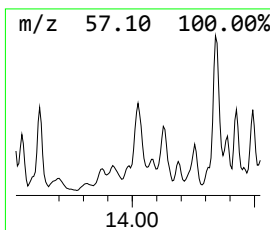
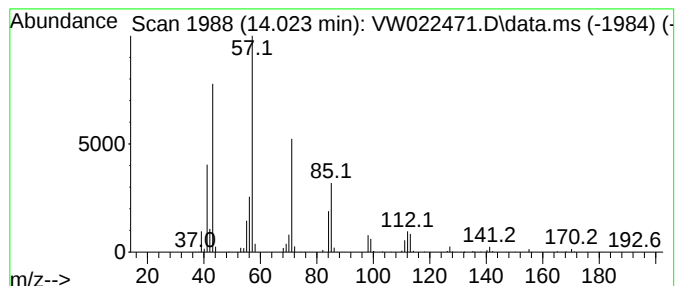
Instrument :
MSVOA_W
ClientSampleId :
ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.024	29.35 ug/L	1715060	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-		170	C12H26	001632-70-8	87
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	83
3	2,6-Dimethyldecane		170	C12H26	013150-81-7	76
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	62
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

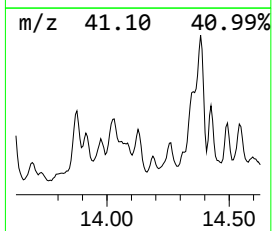
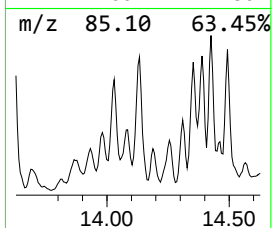
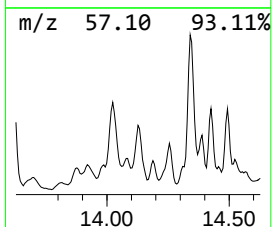
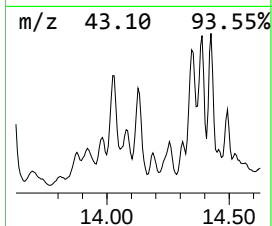
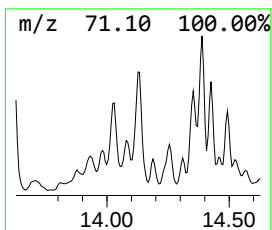
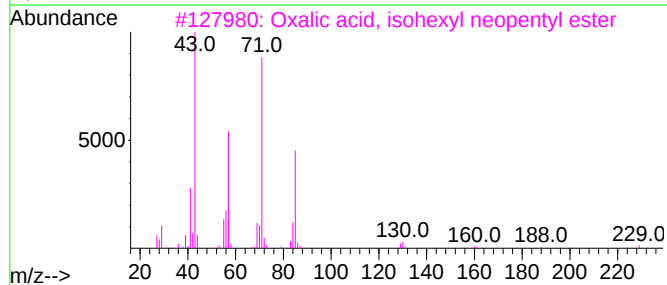
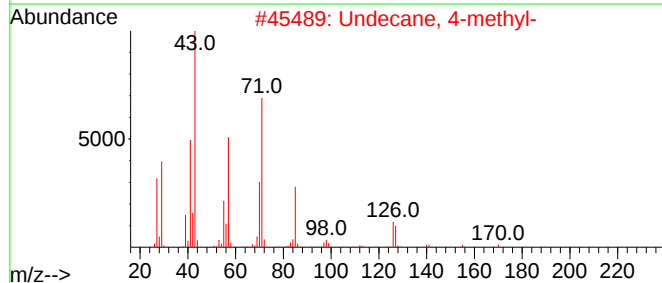
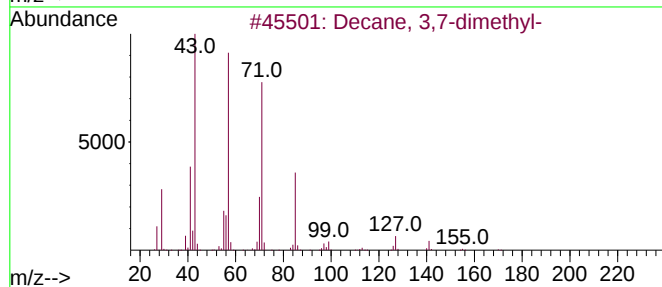
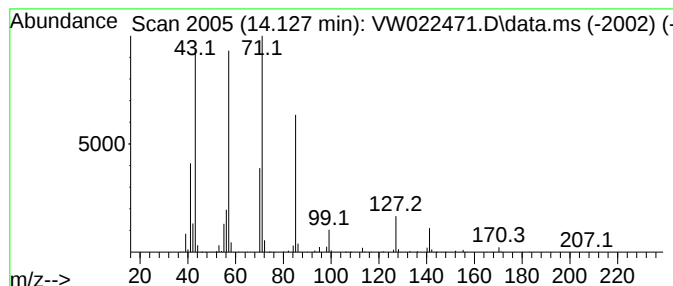
Instrument :
MSVOA_W
ClientSampleId :
ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.127	36.52 ug/L	2133810	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	90
2	Undecane, 4-methyl-		170	C12H26	002980-69-0	72
3	Oxalic acid, isohexyl neopentyl ...		244	C13H24O4	1000309-73-0	53
4	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	50
5	Sulfurous acid, isobutyl 2-penty...		208	C9H20O3S	1000309-15-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

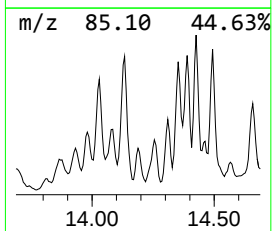
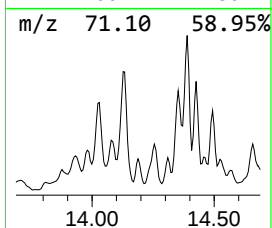
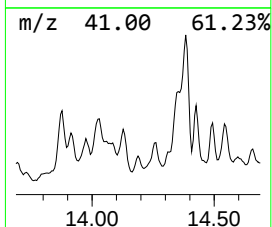
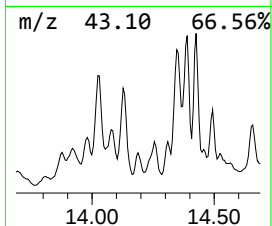
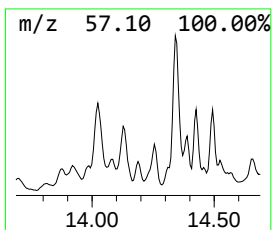
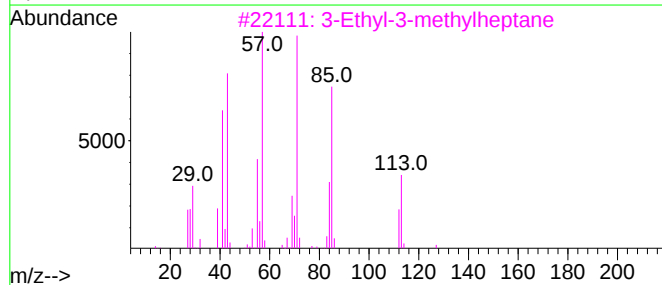
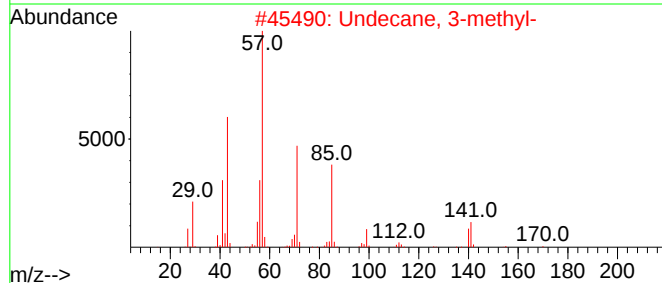
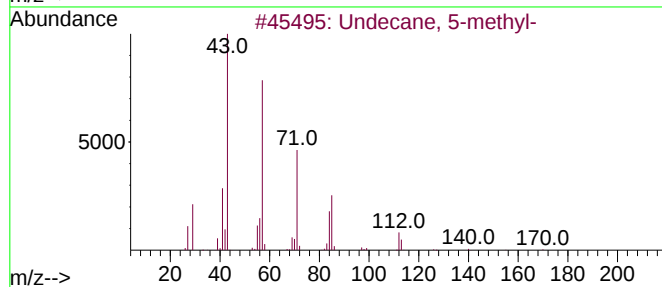
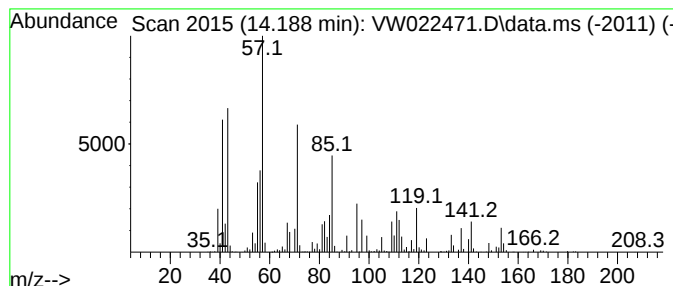
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	16.04 ug/L	937186	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5-methyl-	170	C12H26	001632-70-8	45
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	45
3		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	38
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

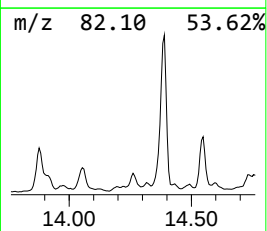
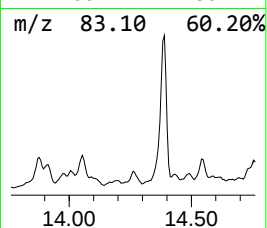
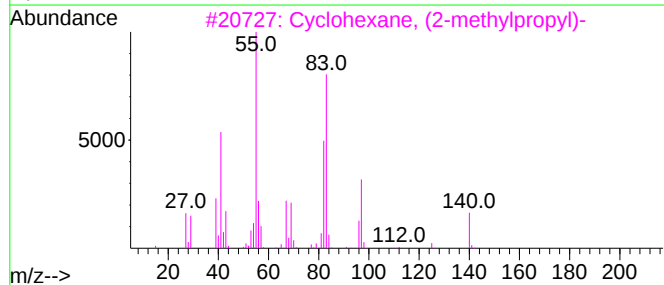
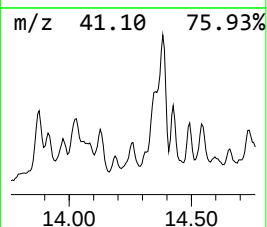
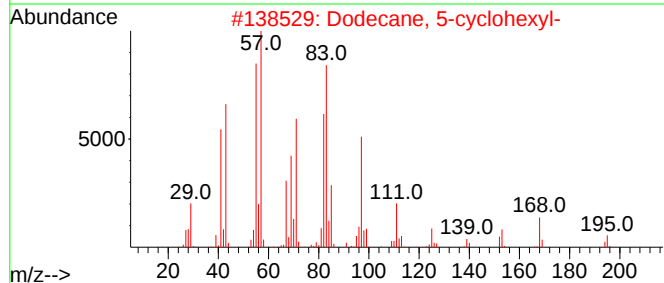
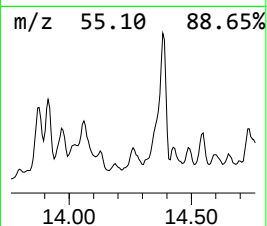
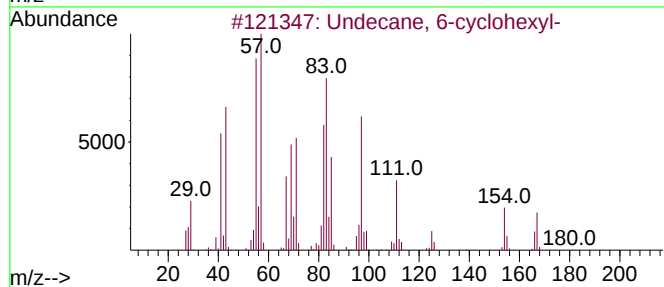
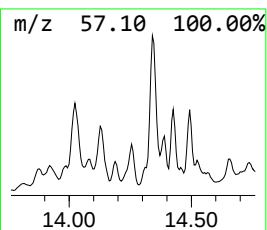
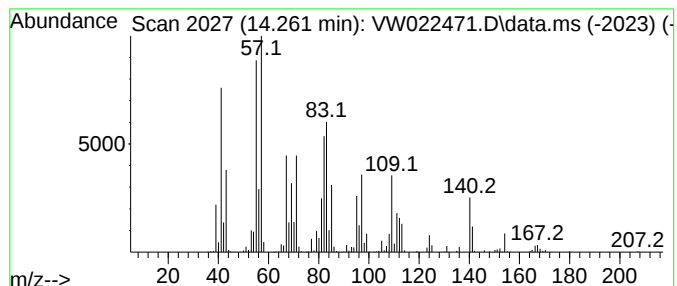
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic14.261 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	29.43 ug/L	1719790	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-cyclohexyl-	238	C17H34	013151-81-0	52
2			Dodecane, 5-cyclohexyl-	252	C18H36	013151-85-4	50
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
4			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	27
5			Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

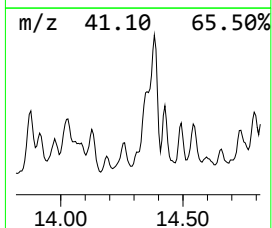
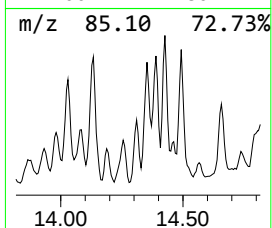
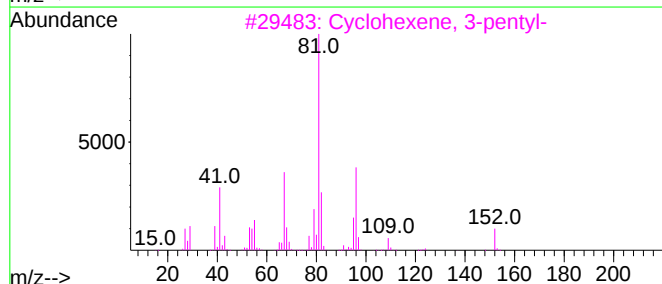
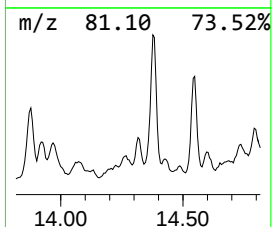
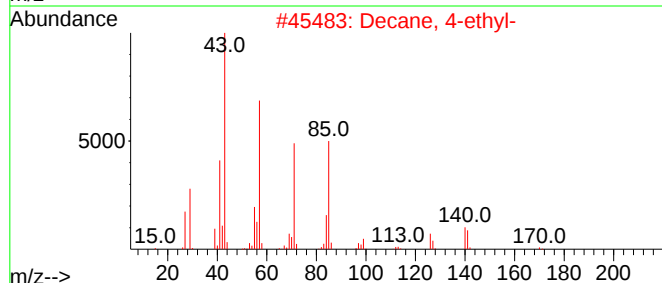
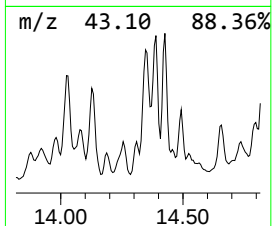
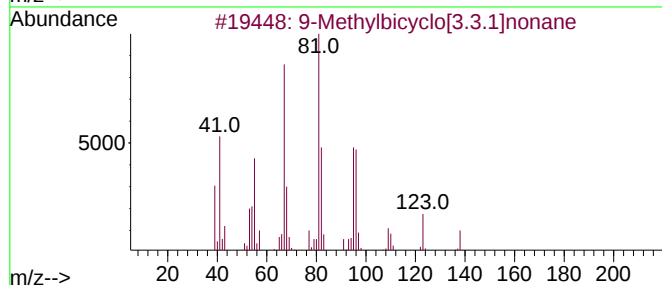
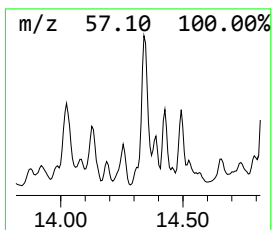
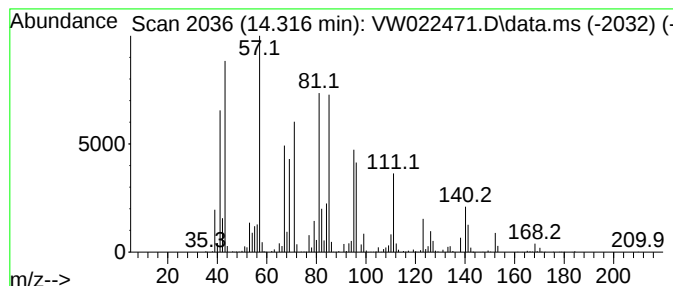
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Quant Title : SFAM01.0

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

Peak Number 25 unknown-04 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	15.69 ug/L	916929	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	41
2		Decane, 4-ethyl-	170	C12H26	001636-44-8	38
3		Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	30
4		Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	30
5		Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

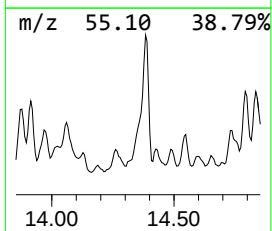
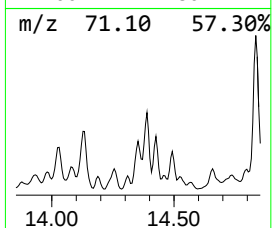
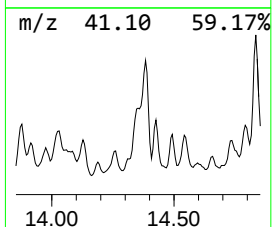
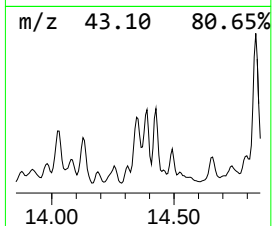
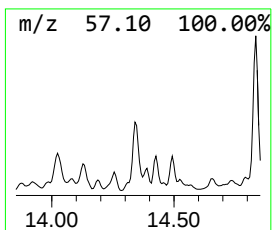
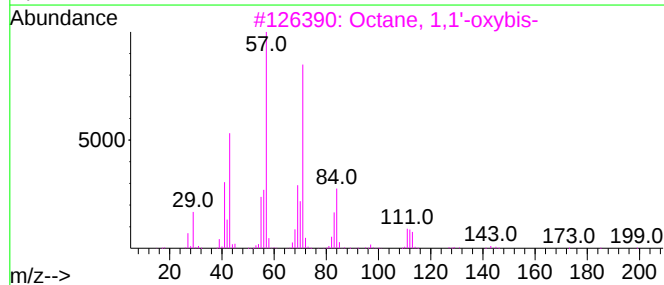
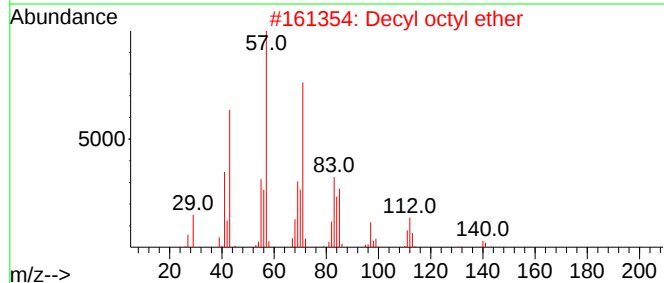
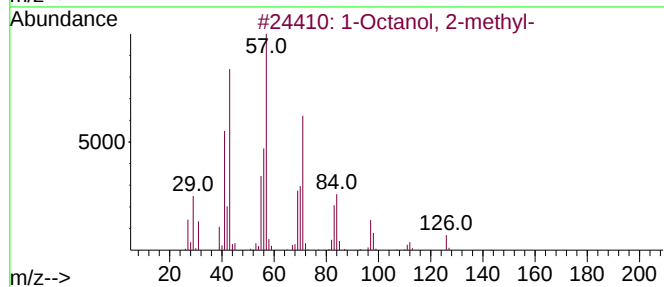
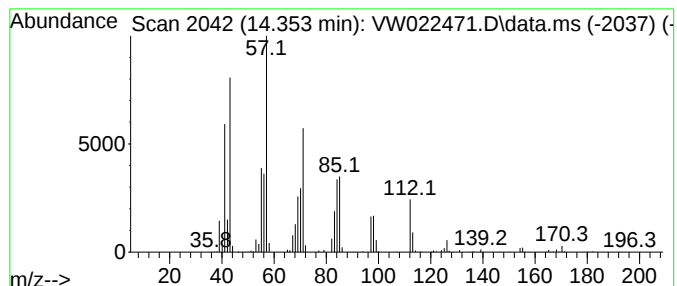
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Quant Title : SFAM01.0

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

Peak Number 26 1-Octanol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.353	71.40 ug/L	4172480	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	53
2		Decyl octyl ether	270	C18H38O	1000406-38-3	53
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50
4		Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	50
5		1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

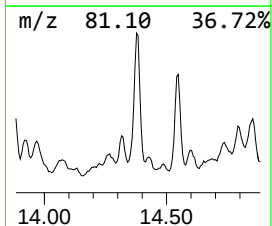
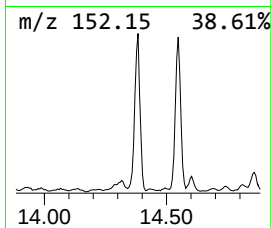
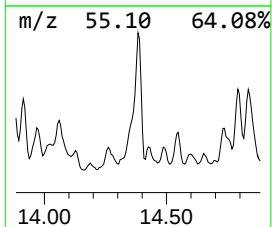
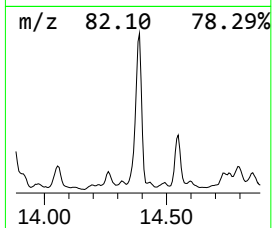
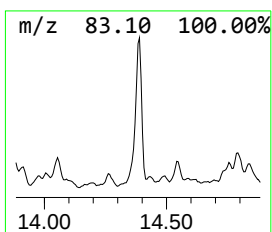
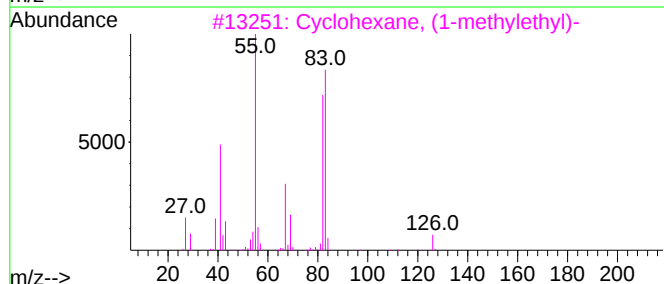
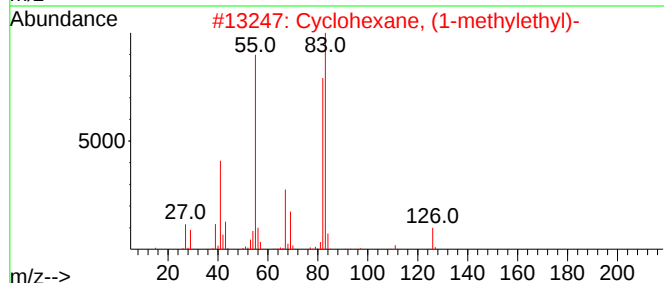
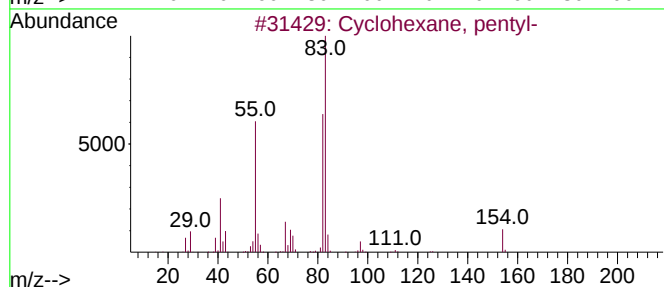
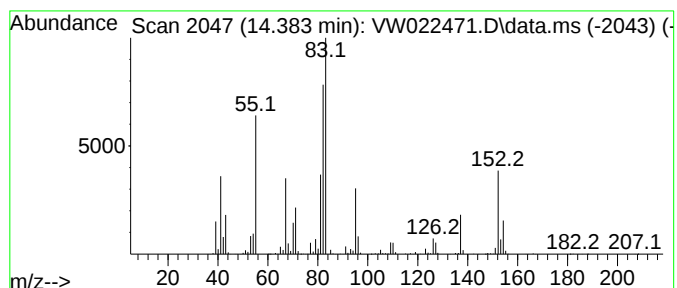
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic14.383 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	155.18 ug/L	9067950	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
4		Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	47
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

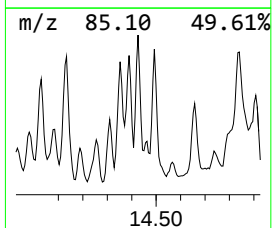
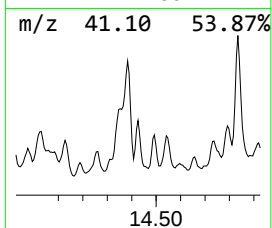
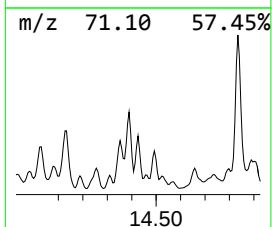
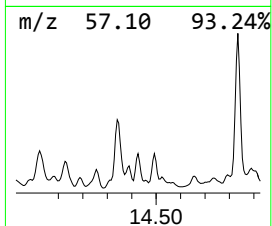
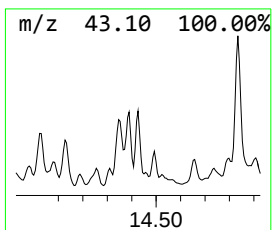
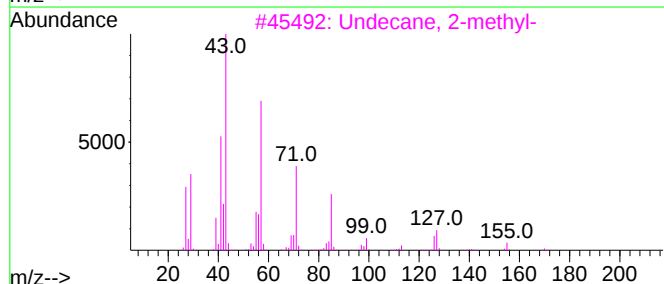
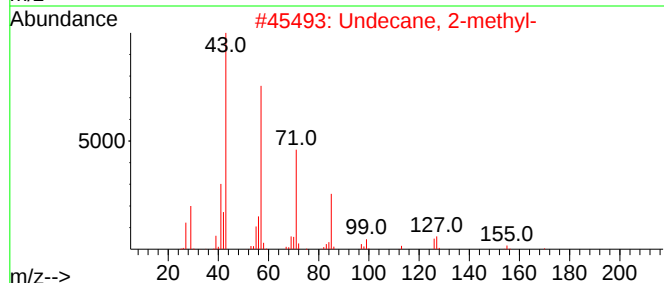
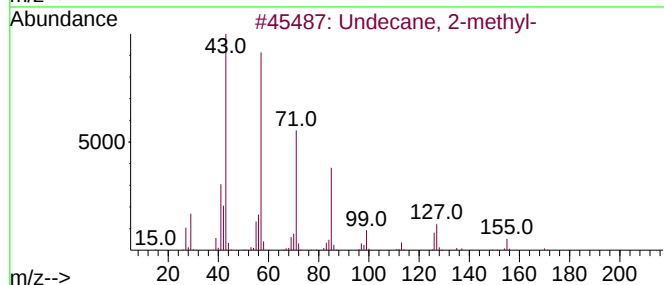
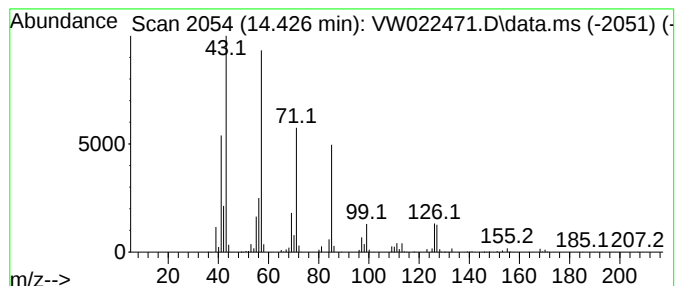
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.426	43.92 ug/L	2566740	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-		170	C12H26	007045-71-8	94	
2	Undecane, 2-methyl-		170	C12H26	007045-71-8	91	
3	Undecane, 2-methyl-		170	C12H26	007045-71-8	81	
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	64	
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	62	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

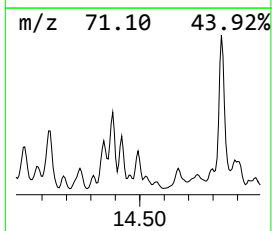
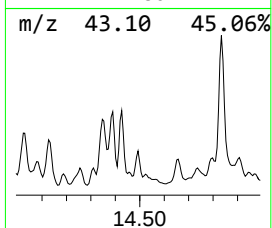
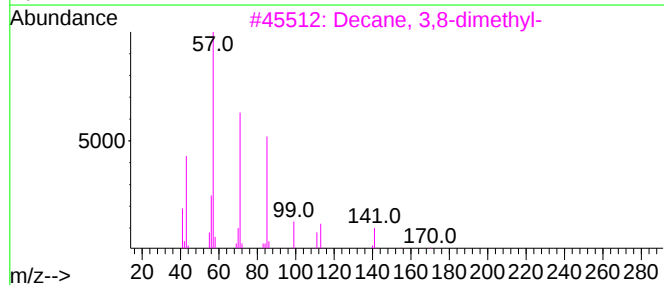
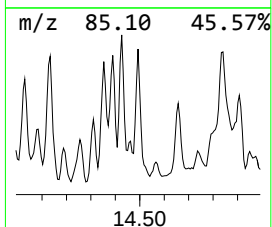
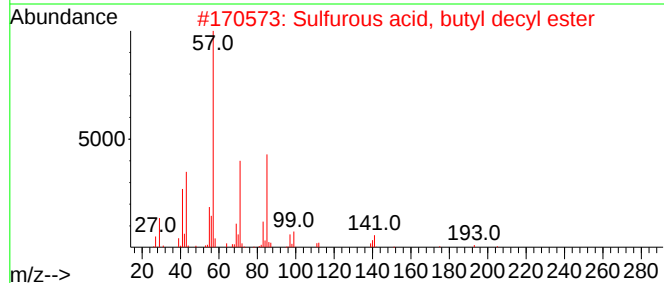
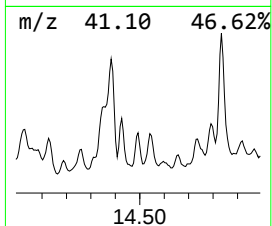
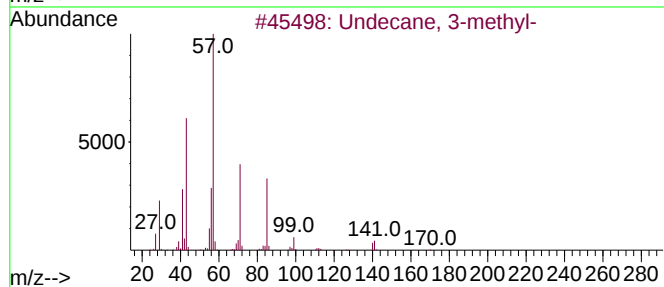
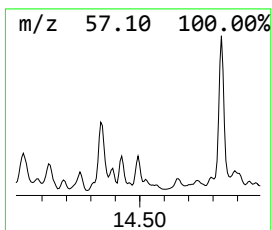
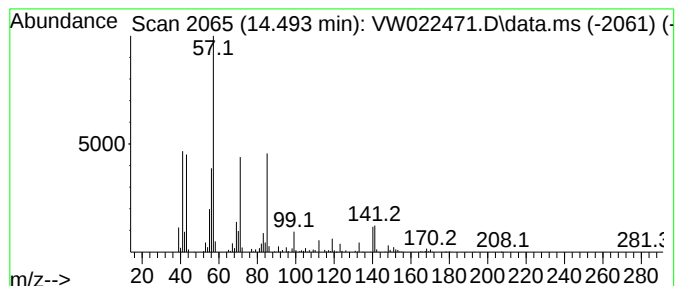
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	32.04 ug/L	1872030	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5			2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11NO2	1000305-90-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

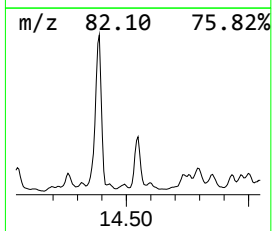
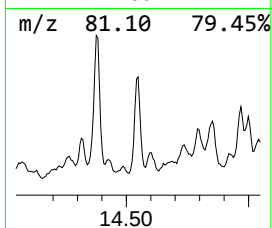
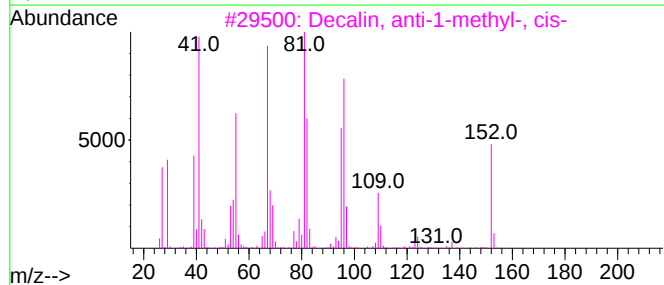
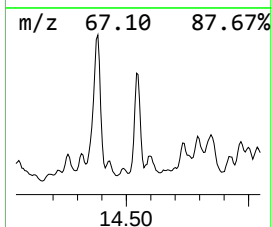
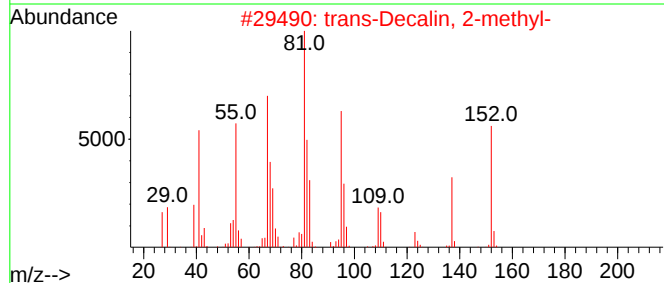
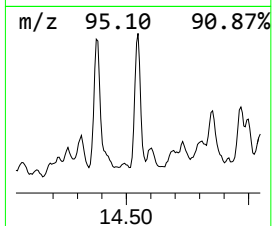
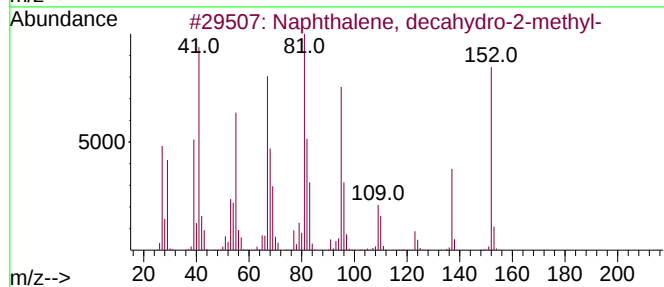
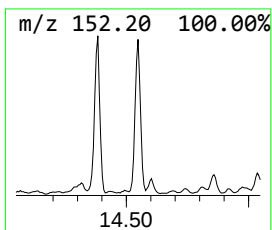
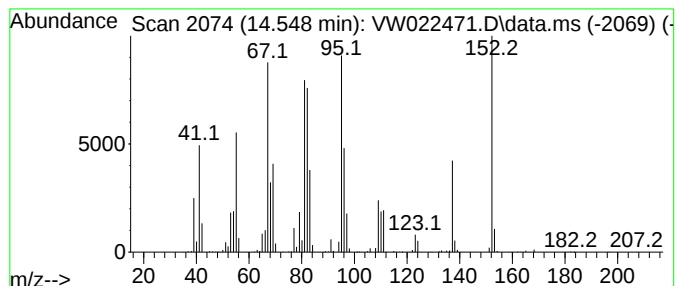
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Quant Title : SFAM01.0

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

Peak Number 30 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	54.21 ug/L	3167610	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	53
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	52
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

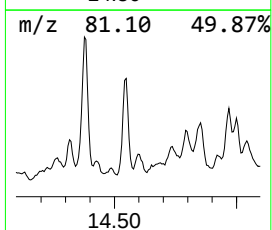
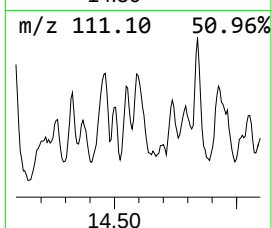
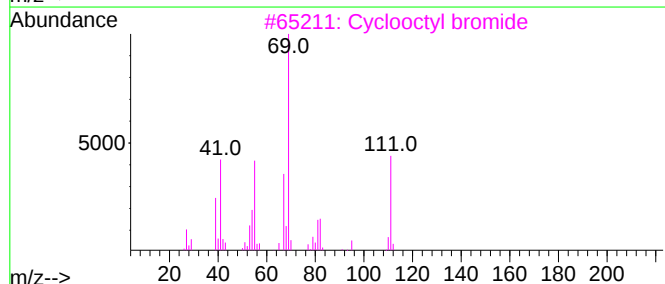
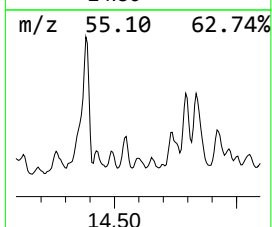
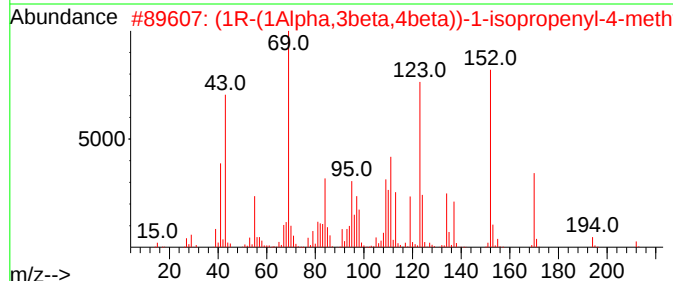
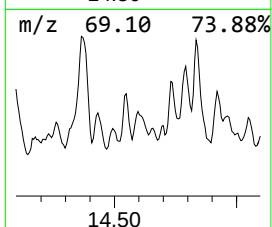
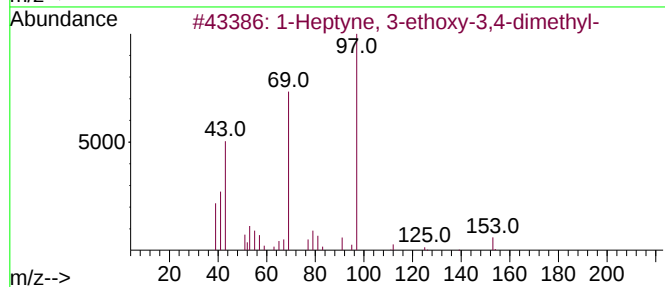
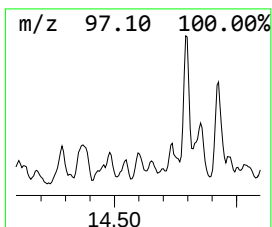
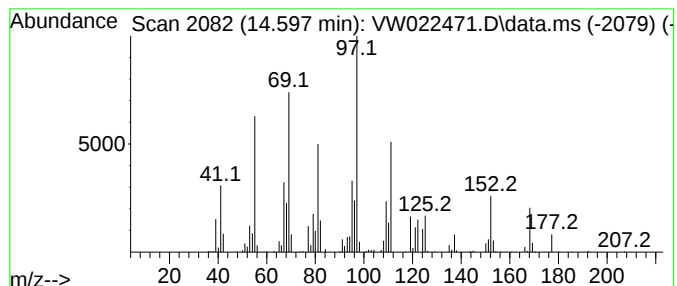
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Quant Title : SFAM01.0

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

Peak Number 31 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.597	11.39 ug/L	665528	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	38
2			(1R-(1Alpha,3beta,4beta))-1-isopropenyl-4-methyl-5-cyclooctyl-1-bromide	212	C12H20O3	057211-60-6	32
3			Cyclooctyl bromide	190	C8H15Br	001556-09-8	27
4			Succinic acid, di(3,5-dimethylcyclohexyl)-	338	C20H34O4	1000330-05-9	25
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

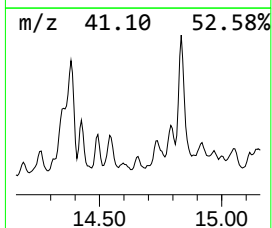
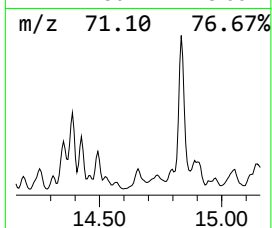
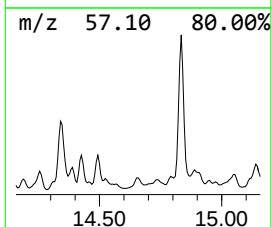
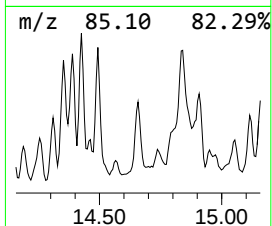
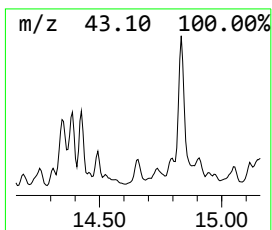
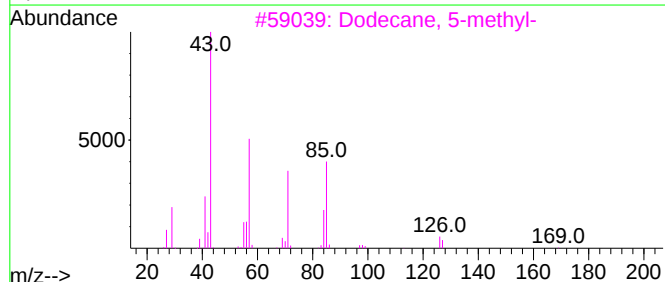
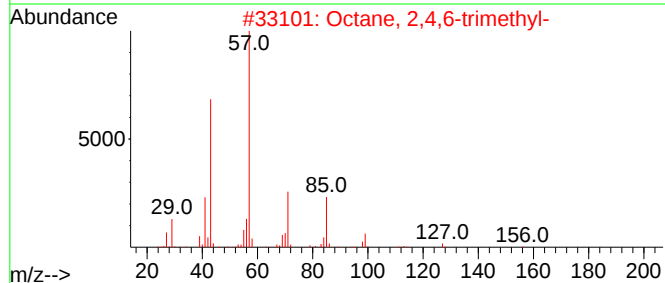
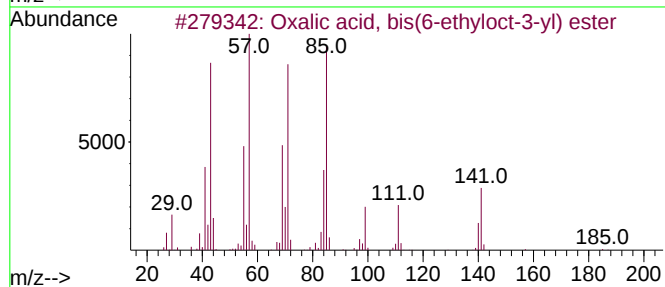
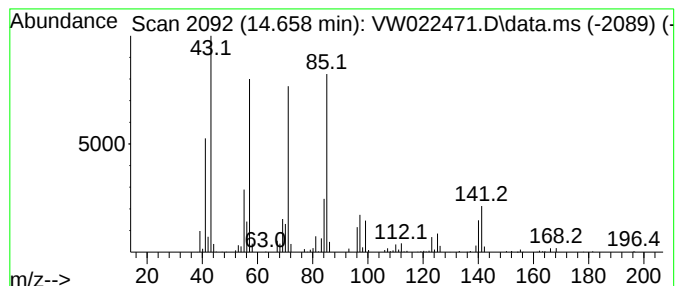
Instrument :
MSVOA_W
ClientSampleId :
ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 Oxalic acid, bis(6-ethyloct... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.658	9.73 ug/L	568679	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Oxalic acid, bis(6-ethyloct-3-yl...		370	C22H42O4	1000309-34-6	90
2	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	59
3	Dodecane, 5-methyl-		184	C13H28	017453-93-9	49
4	Decane, 3-bromo-		220	C10H21Br	030571-71-2	47
5	Heptane, 2,4,6-trimethyl-		142	C10H22	002613-61-8	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

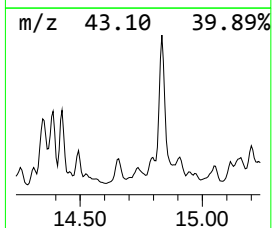
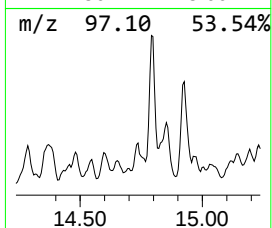
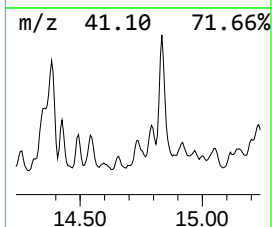
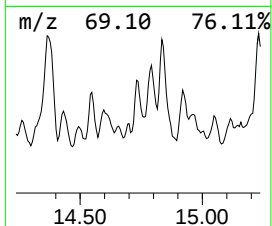
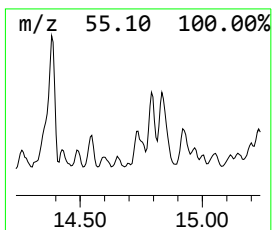
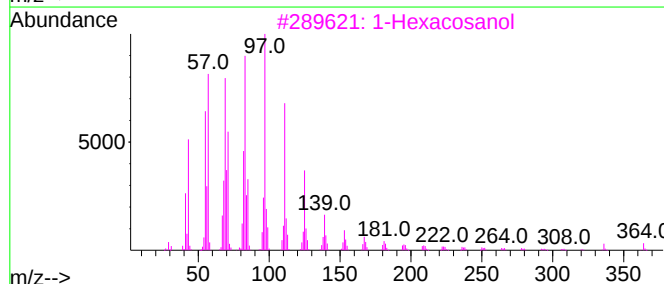
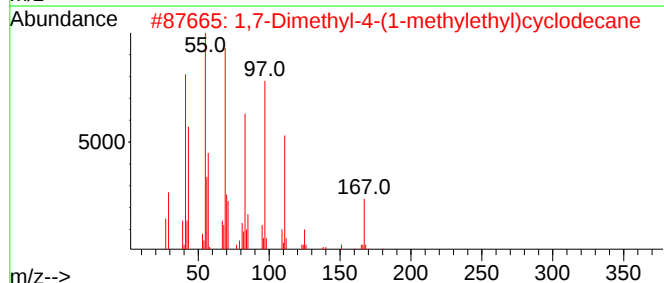
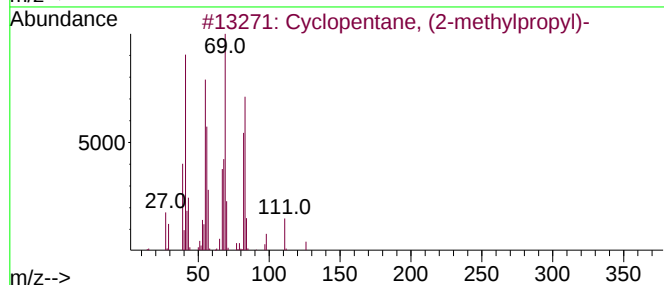
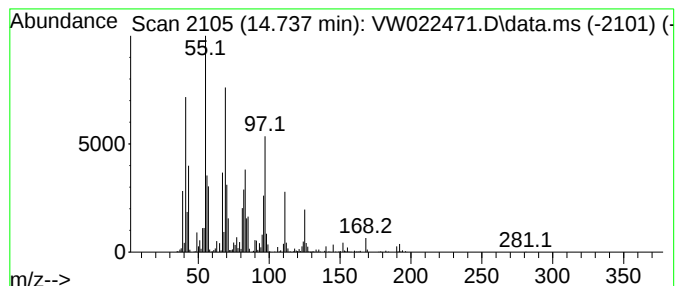
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic14.737 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	34.79 ug/L	2032870	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	50
2			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
3			1-Hexacosanol	382	C26H54O	000506-52-5	38
4			Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	38
5			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-96-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

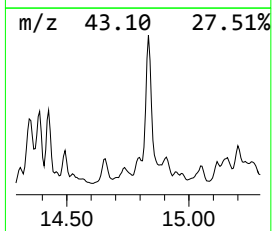
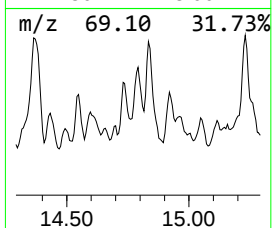
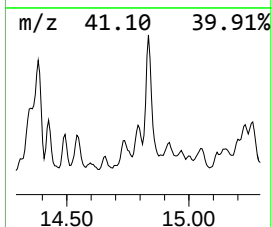
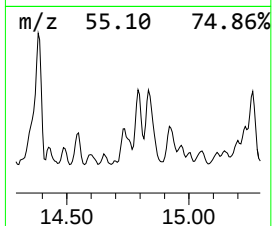
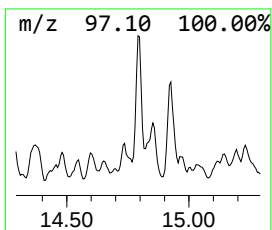
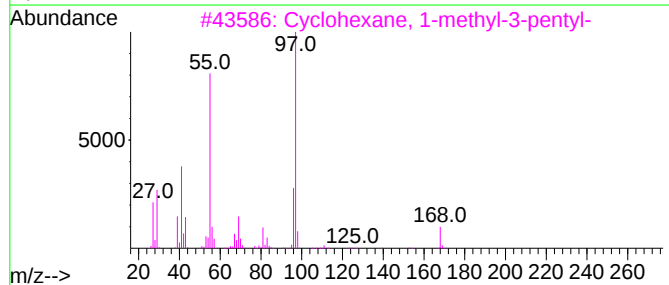
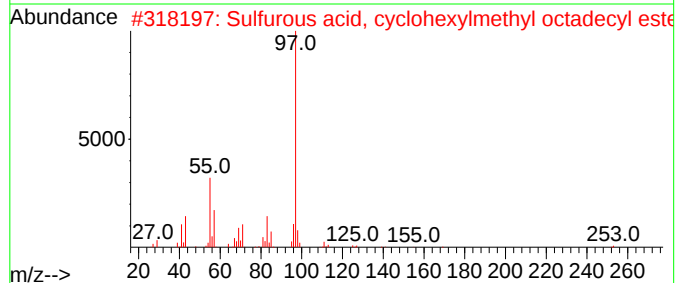
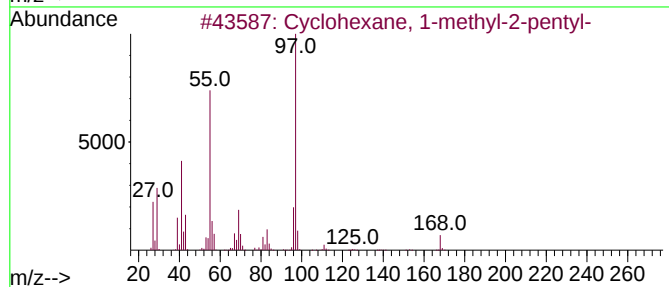
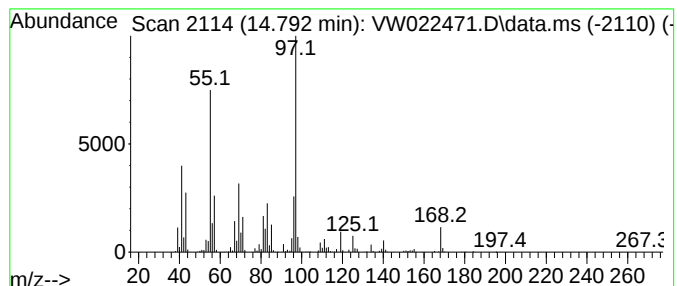
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Cyclic14.792 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	49.05 ug/L	2866320	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
2			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	58
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
5			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

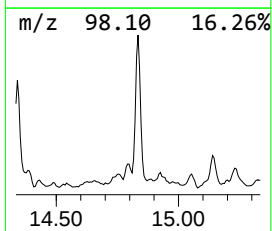
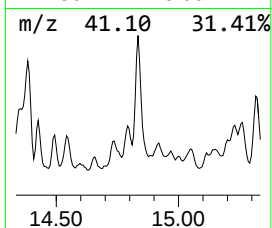
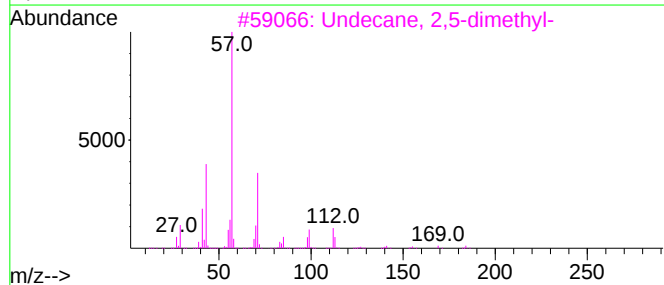
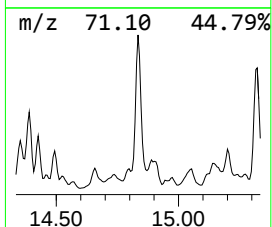
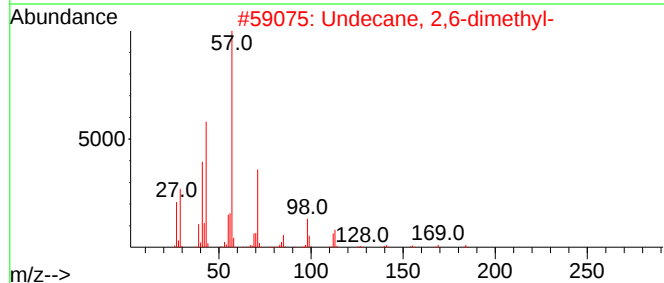
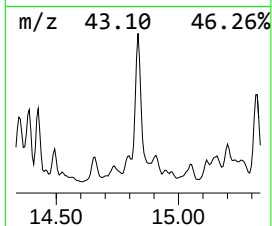
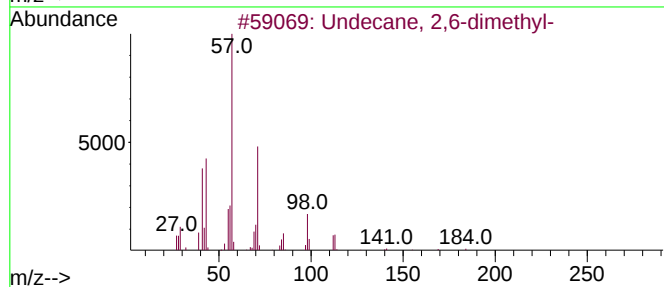
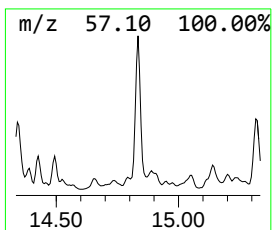
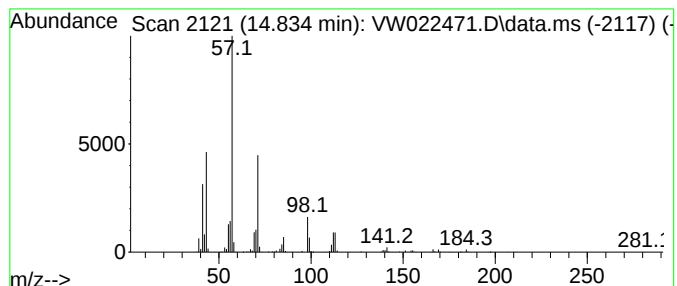
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Quant Title : SFAM01.0

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.
14.834	140.95 ug/L	8236550	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	93
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

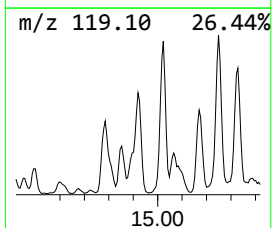
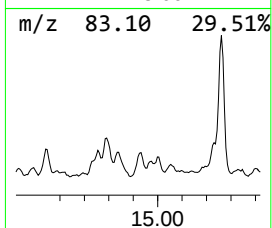
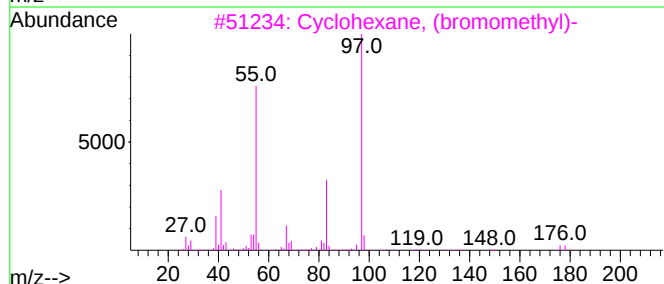
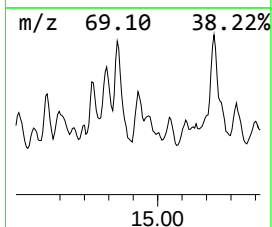
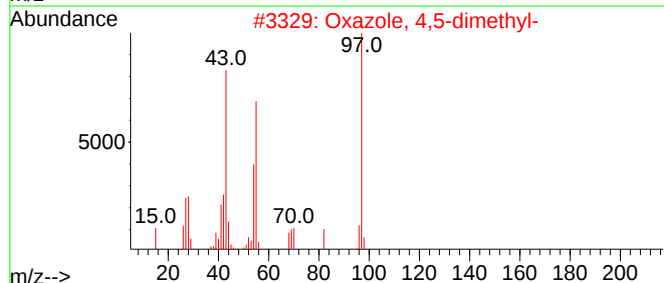
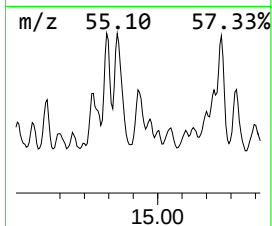
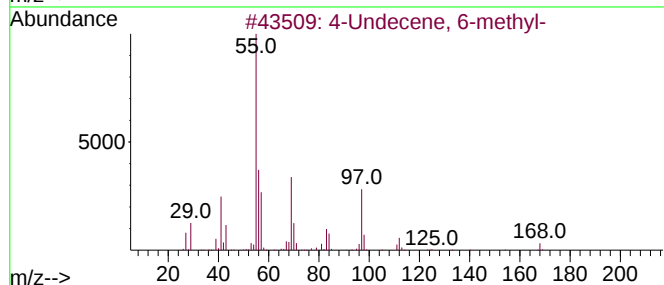
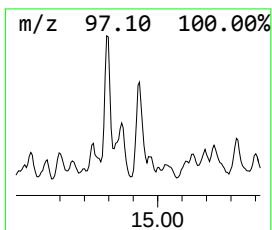
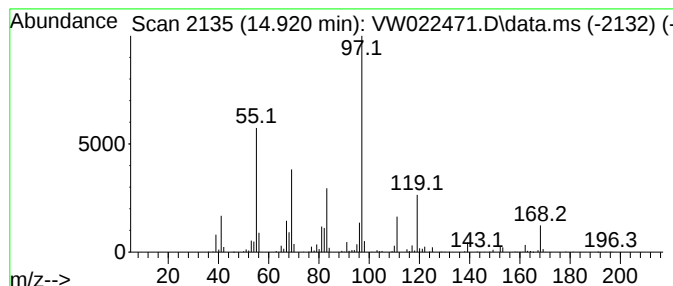
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.920	16.97 ug/L	991466	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	53
2		Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	47
3		Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	47
4		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	43
5		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

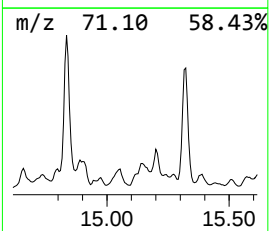
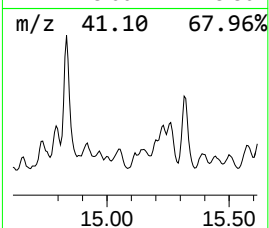
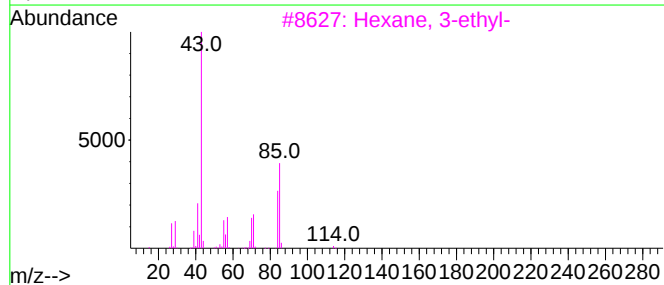
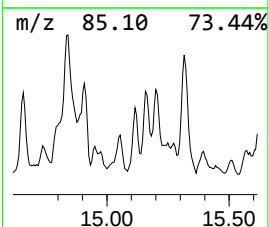
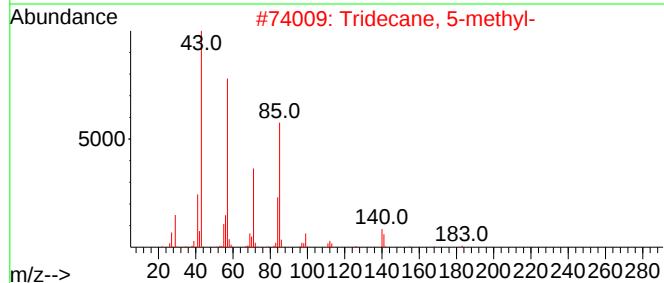
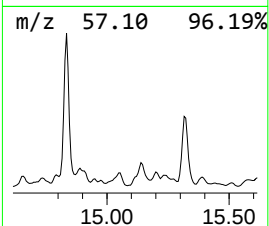
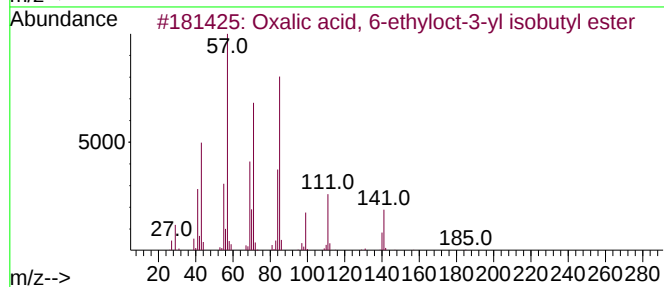
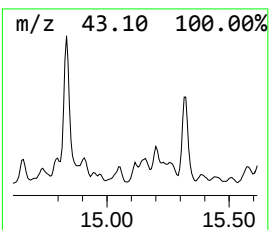
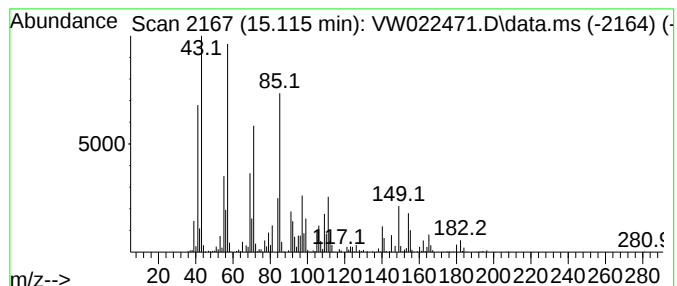
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Quant Title : SFAM01.0

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

Peak Number 37 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	14.68 ug/L	858101	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	58
2			Tridecane, 5-methyl-	198	C14H30	025117-31-1	43
3			Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	38
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

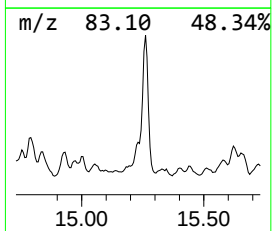
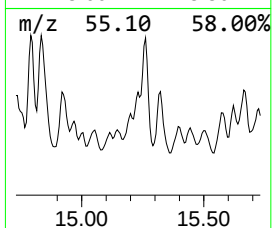
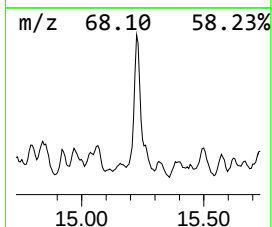
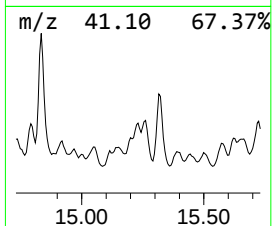
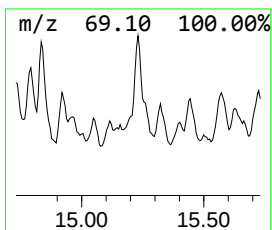
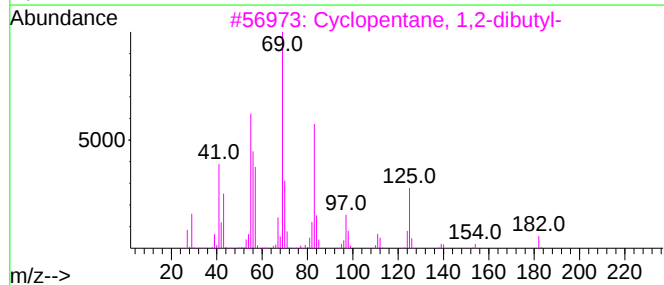
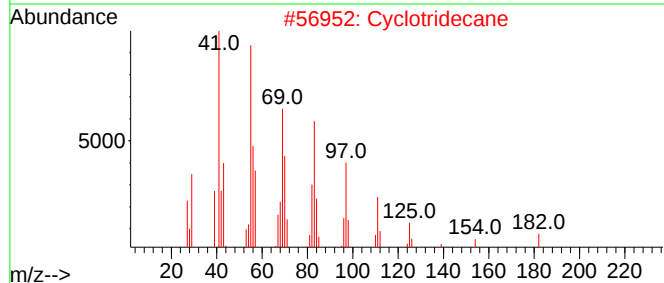
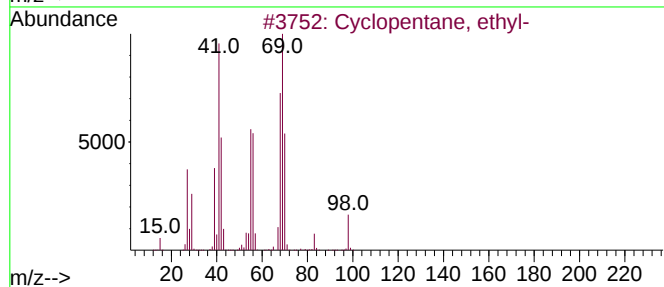
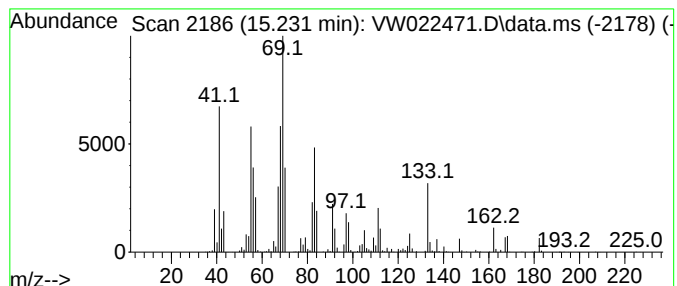
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Cyclic15.231 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.231	50.22 ug/L	2934570	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-		98	C7H14	001640-89-7	70
2	Cyclotridecane		182	C13H26	000295-02-3	64
3	Cyclopentane, 1,2-dibutyl-		182	C13H26	062199-52-4	58
4	Cyclopentane, 1-pentyl-2-propyl-		182	C13H26	062199-51-3	58
5	Cyclopentane, butyl-		126	C9H18	002040-95-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

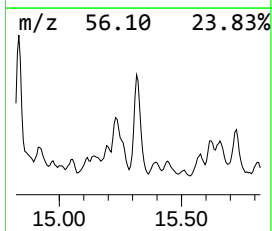
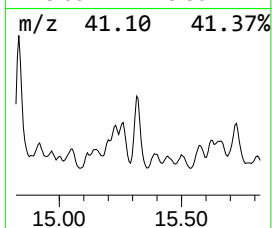
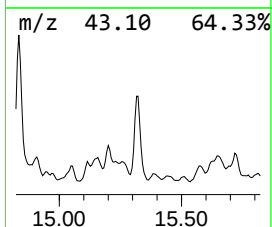
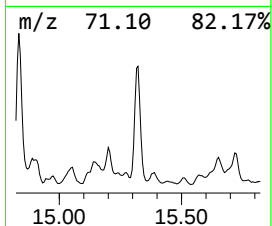
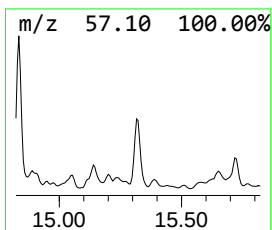
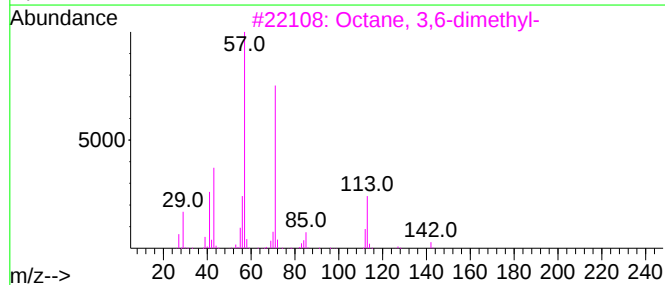
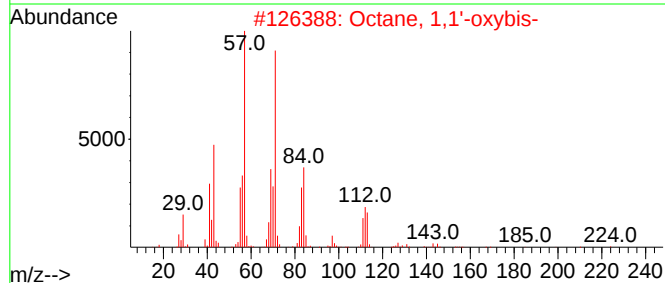
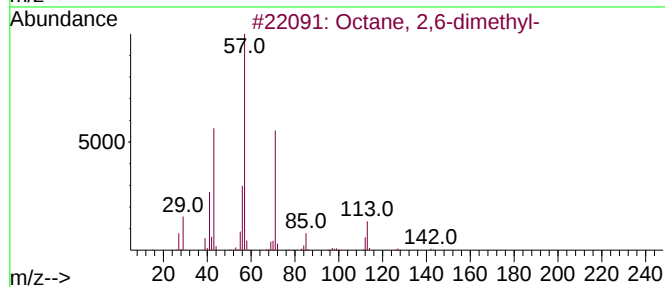
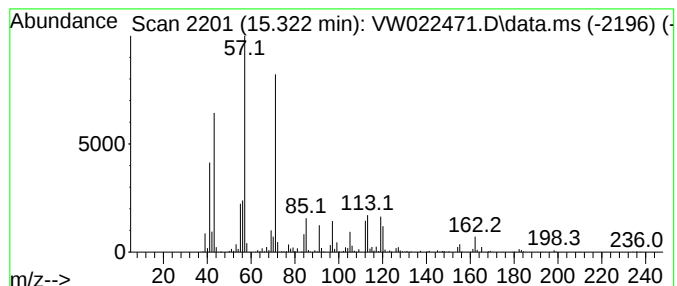
Instrument :
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ClientSampleId :
ETNP7

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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.322	85.71 ug/L	5008530	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	81
2	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	64
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	59
4	Sulfurous acid, dodecyl 2-ethylh...		362	C20H42O3S	1000309-19-5	59
5	Sulfurous acid, 2-ethylhexyl tri...		376	C21H44O3S	1000309-19-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

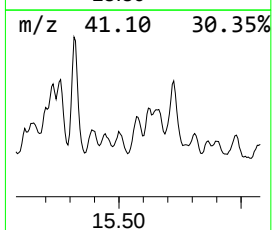
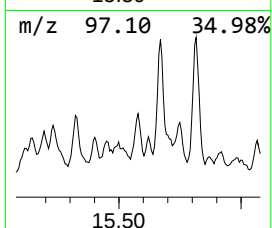
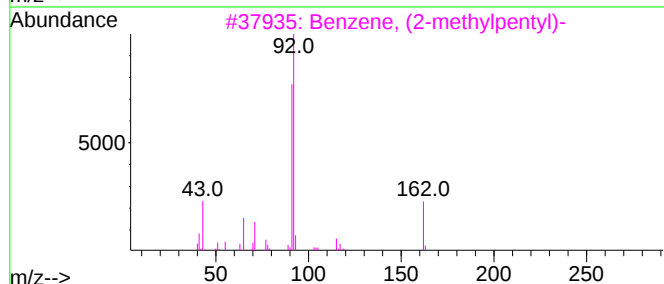
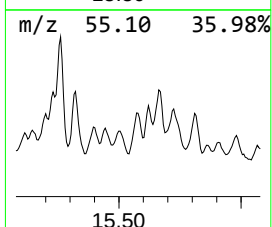
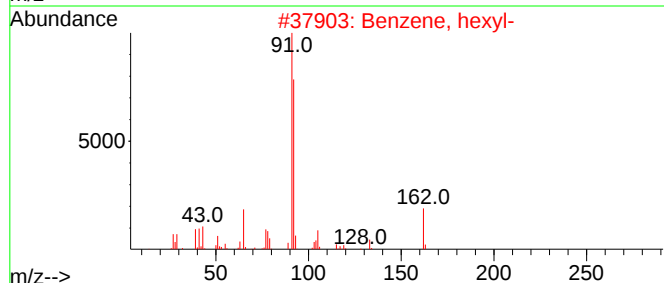
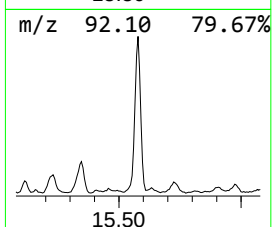
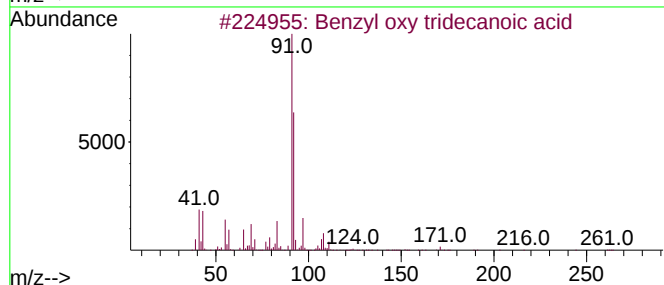
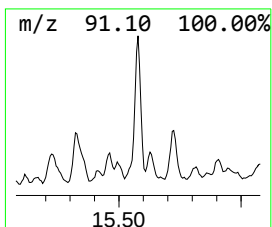
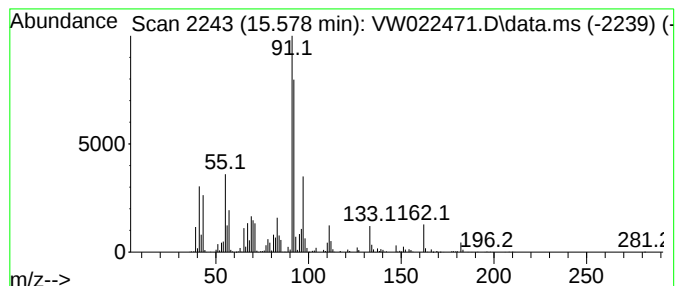
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Quant Title : SFAM01.0

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

Peak Number 40 Benzyl oxy tridecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.578	25.12 ug/L	1467820	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzyl oxy tridecanoic acid	320	C20H32O3	1000289-36-6	50
2			Benzene, hexyl-	162	C12H18	001077-16-3	50
3			Benzene, (2-methylpentyl)-	162	C12H18	039916-61-5	46
4			Toluene	92	C7H8	000108-88-3	43
5			Benzene, (3-methylpentyl)-	162	C12H18	054410-69-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

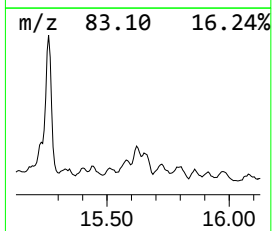
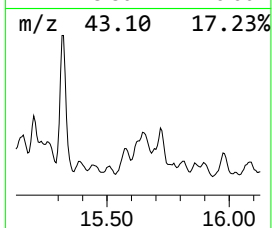
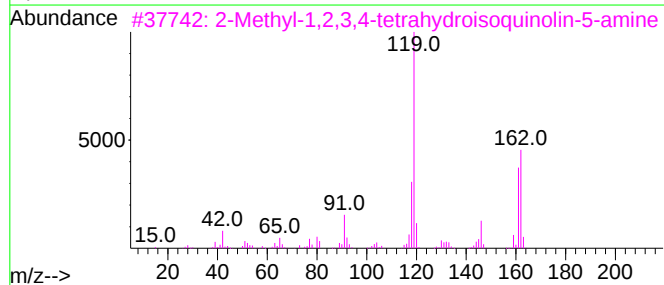
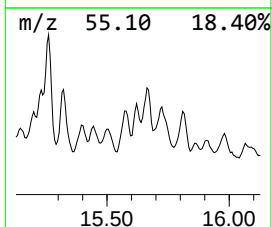
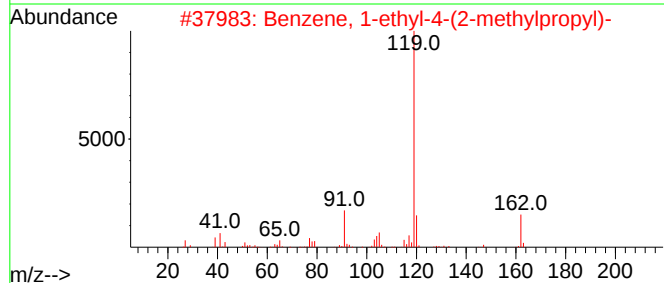
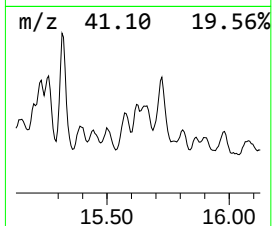
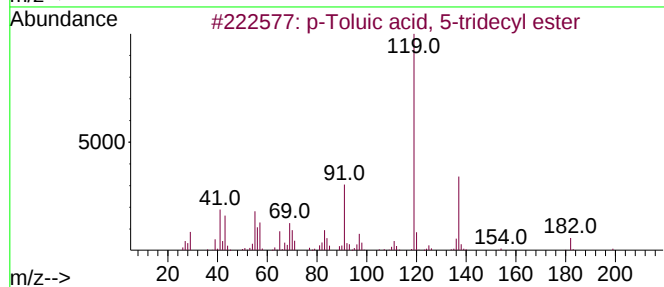
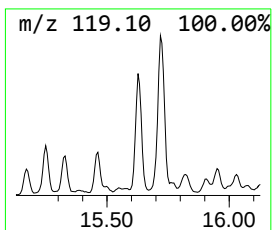
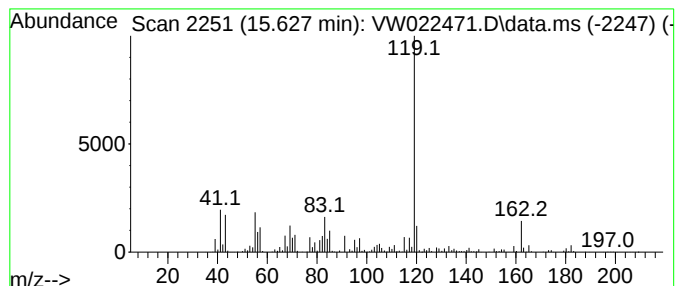
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Quant Title : SFAM01.0

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

Peak Number 41 p-Toluic acid, 5-tridecyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	36.76 ug/L	2147980	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-80-5	59
2			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	58
3			2-Methyl-1,2,3,4-tetrahydroisoqu...	162	C10H14N2	014097-41-7	53
4			2-Amino-3a,4,5,6,7,7a-hexahydro-...	162	C10H14N2	1000185-29-8	52
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

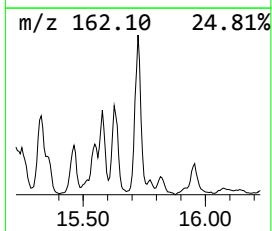
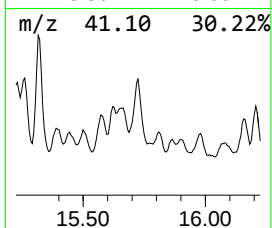
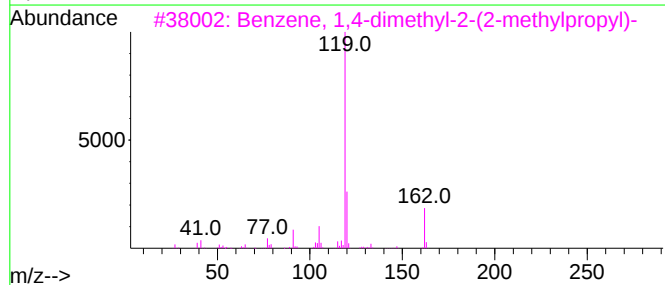
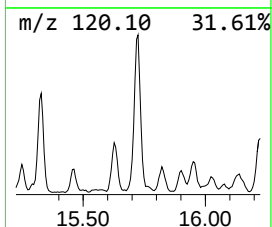
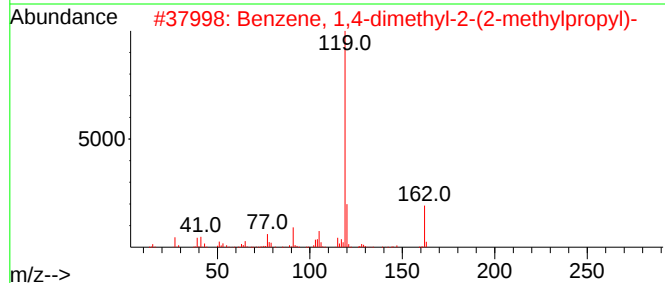
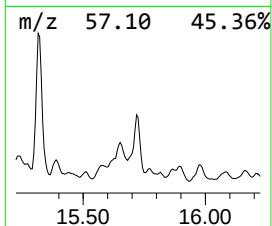
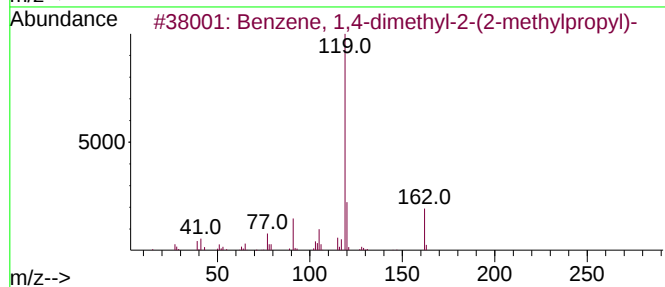
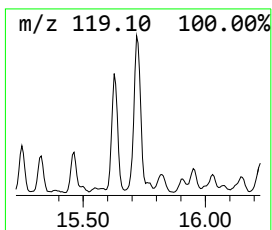
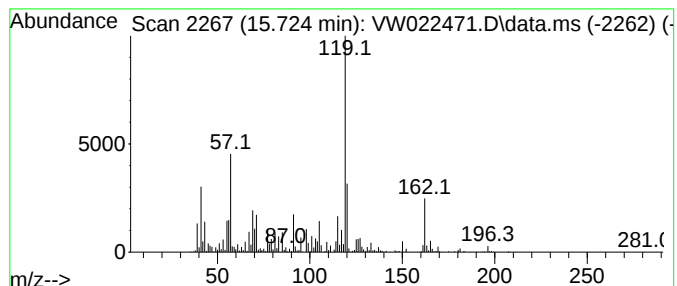
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Quant Title : SFAM01.0

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

Peak Number 42 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.724	90.36 ug/L	5280510	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	93
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	76
3			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	64
4			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	58
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

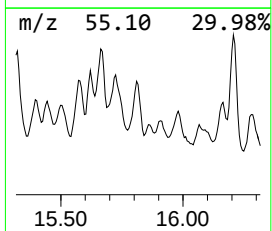
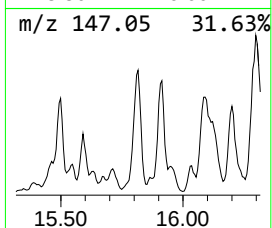
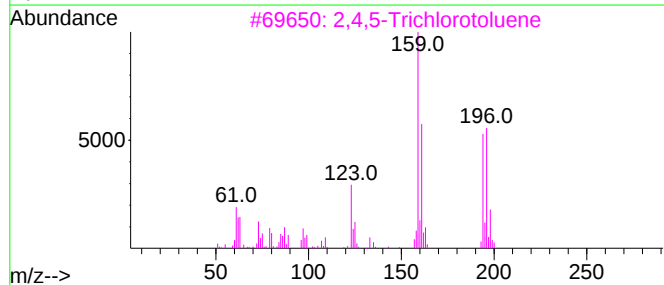
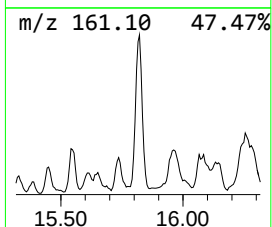
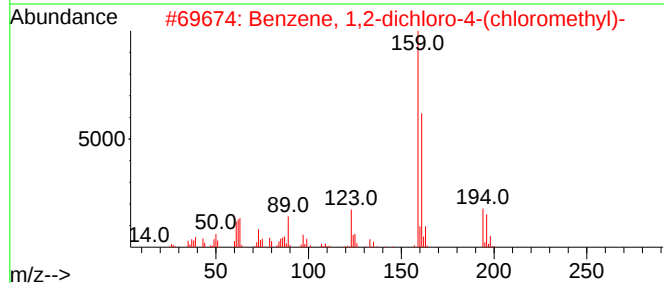
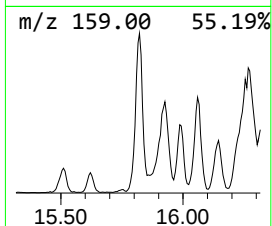
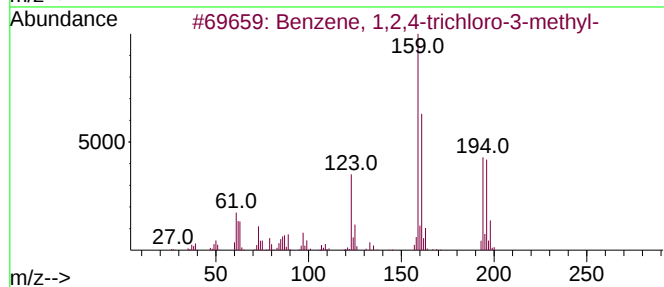
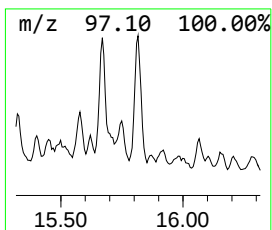
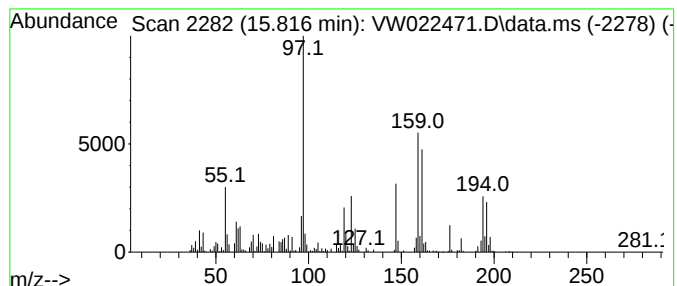
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Quant Title : SFAM01.0

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

Peak Number 43 Benzene, 1,2,4-trichloro-3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	35.29 ug/L	2062120	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	89
2			Benzene, 1,2-dichloro-4-(chlorom...	194	C7H5Cl3	000102-47-6	46
3			2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	46
4			Benzene, 1,3-dichloro-5-(chlorom...	194	C7H5Cl3	003290-06-0	43
5			Benzene, 1,3-dichloro-2-(chlorom...	194	C7H5Cl3	002014-83-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

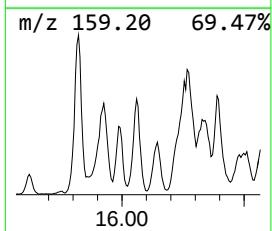
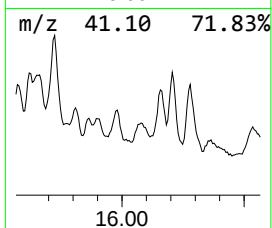
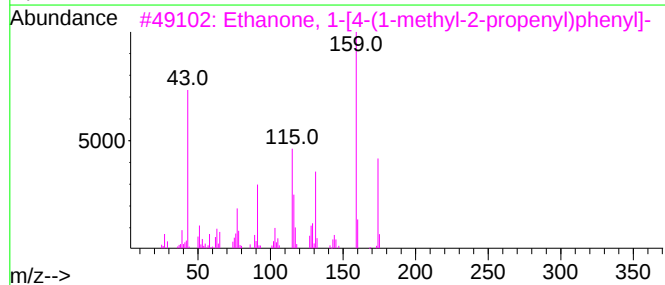
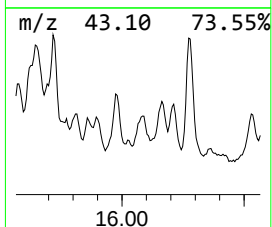
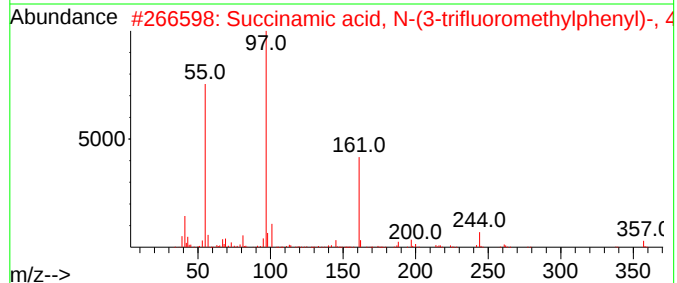
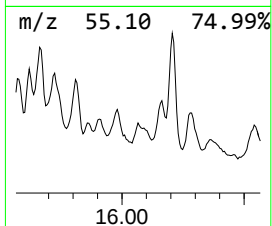
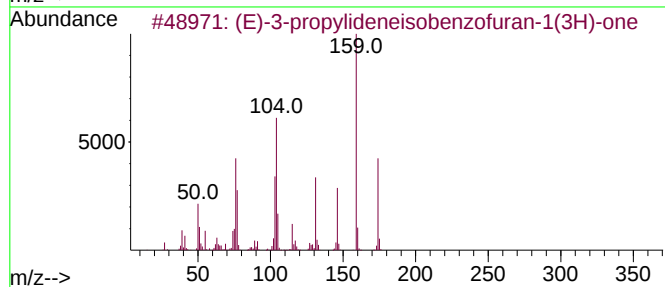
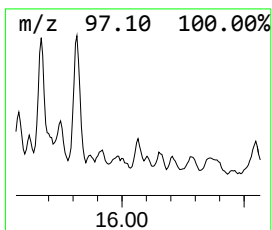
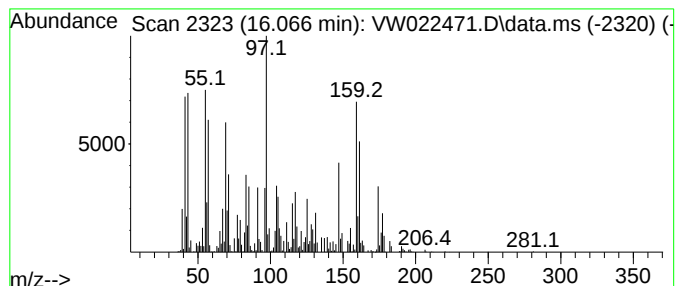
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Quant Title : SFAM01.0

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

Peak Number 44 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.066	24.37 ug/L	1424260	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-propylideneisobenzofuran-1...	174	C11H10O2	056014-72-3	25		
2	Succinic acid, N-(3-trifluorom...	357	C18H22F3NO3	1000311-25-7	22		
3	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	15		
4	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	14		
5	3-Decen-5-one, 2-methyl-	168	C11H20O	032064-75-8	14		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

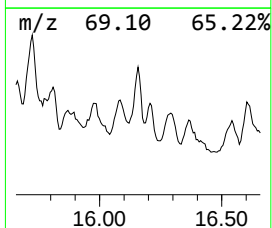
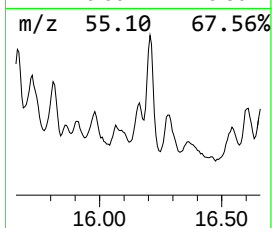
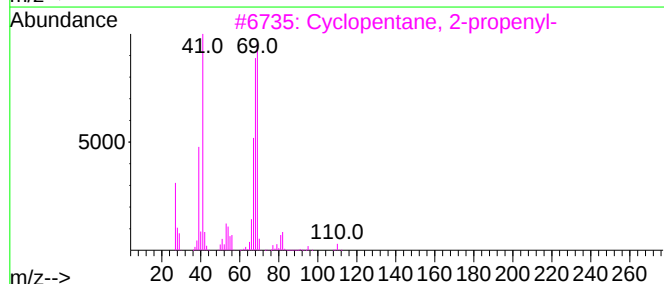
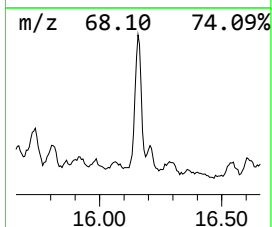
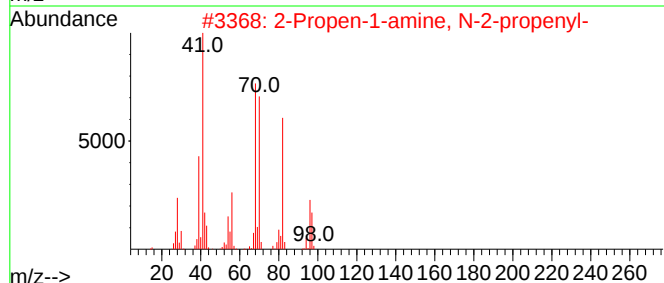
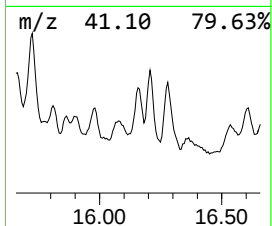
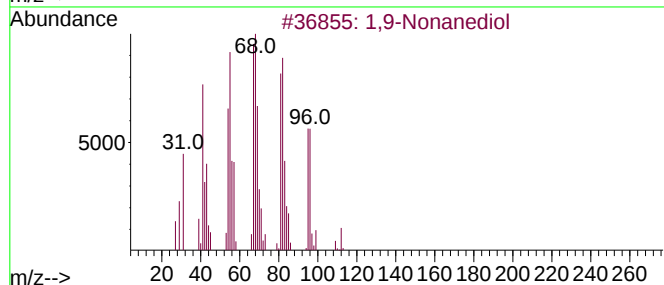
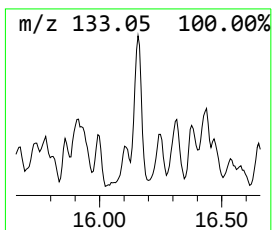
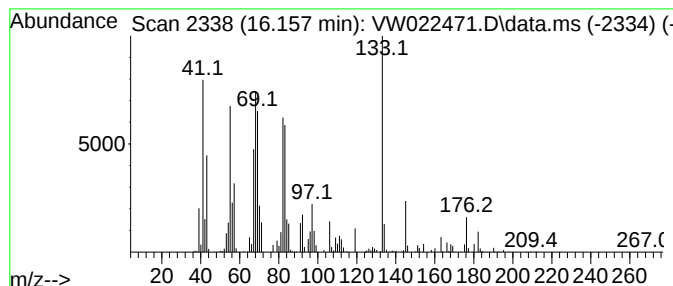
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Quant Title : SFAM01.0

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

Peak Number 45 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	36.21 ug/L	2115720	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,9-Nonanediol	160	C9H20O2	003937-56-2	38
2			2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	30
3			Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	25
4			Octenyl angelate, 5Z-	210	C13H22O2	1000383-60-2	22
5			(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

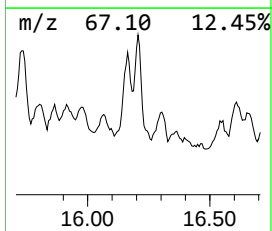
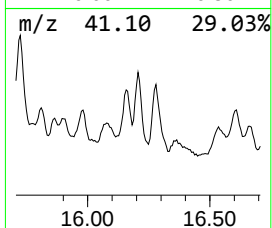
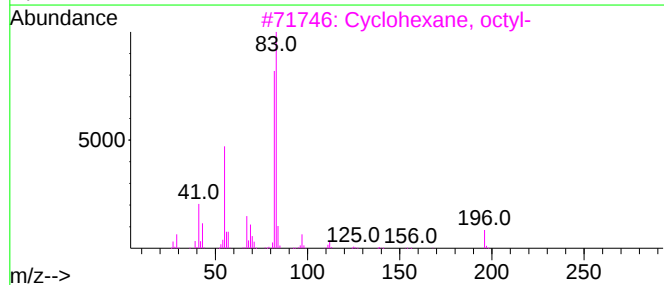
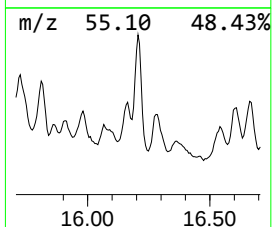
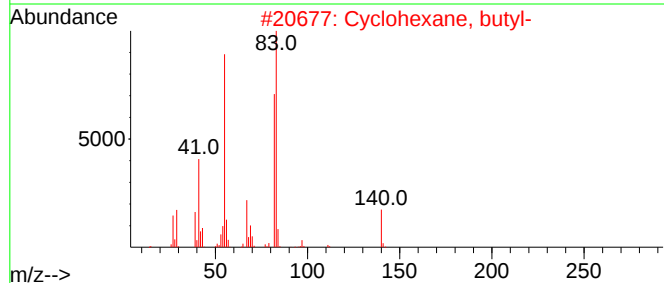
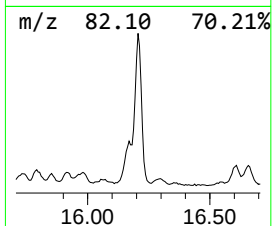
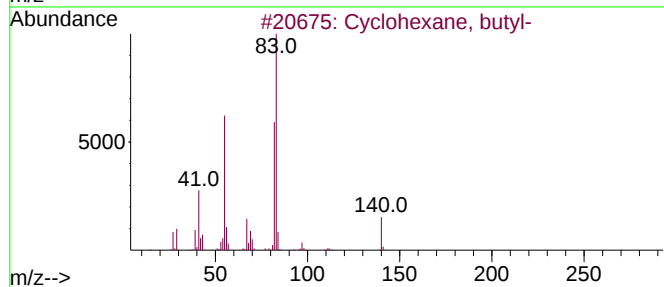
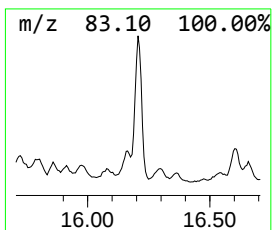
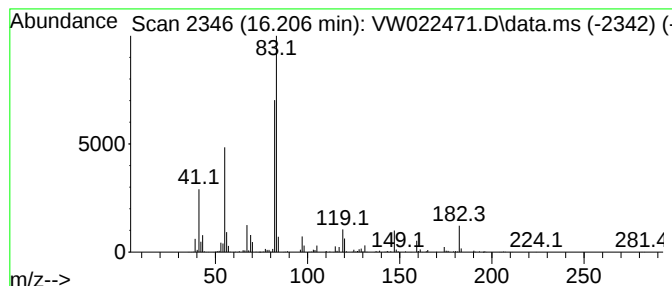
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Cyclic16.206 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.206	46.88 ug/L	2739300	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	59
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022471.D
Acq On : 08 Apr 2022 18:07
Operator : SY/VA
Sample : N2293-19
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP7

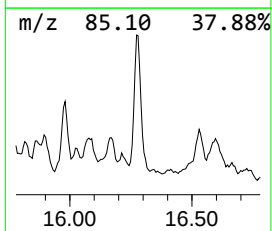
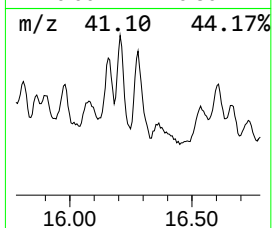
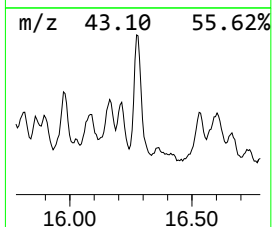
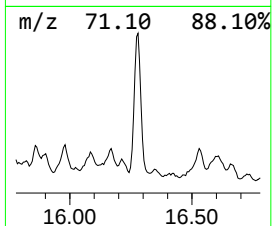
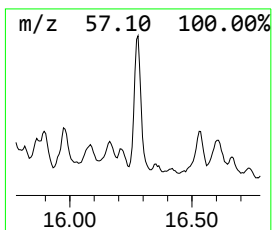
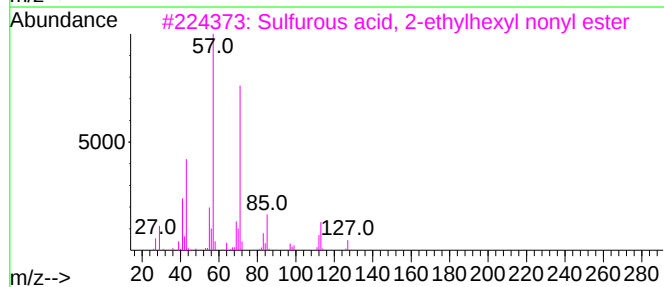
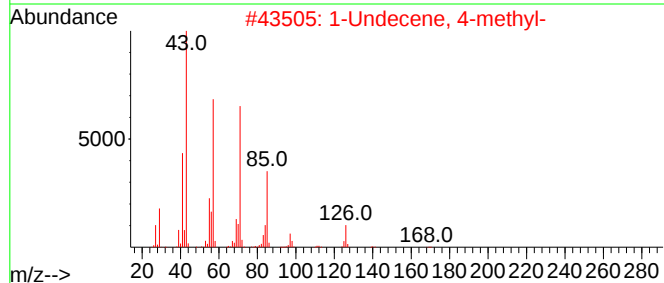
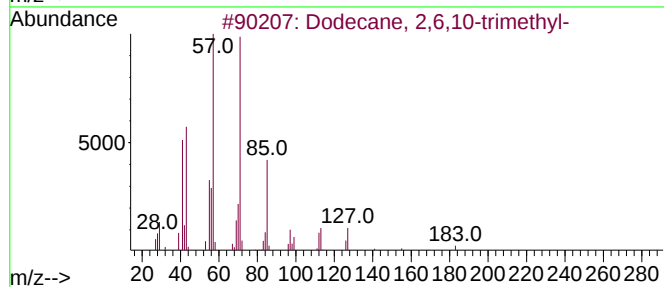
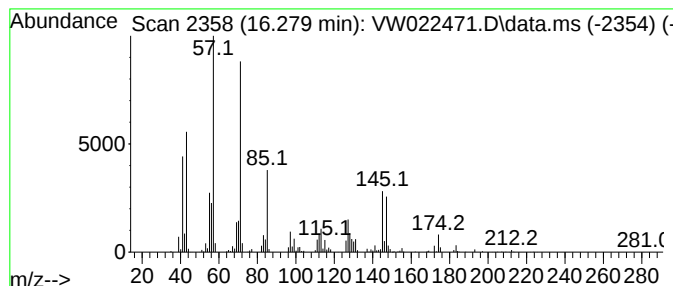
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	66.68 ug/L	3896330	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	58
3		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	49
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	46
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022471.D
 Acq On : 08 Apr 2022 18:07
 Operator : SY/VA
 Sample : N2293-19
 Misc : 6.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNP7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.965	88.5	ug/L	3417080	1	8.841	965584	25.0
unknown-01	2.501	2.0	ug/L	75828	1	8.841	965584	25.0
(DEL) Alkane: S...	4.970	1.7	ug/L	67268	1	8.841	965584	25.0
2-Ethyl-oxetane	5.940	4.0	ug/L	156548	1	8.841	965584	25.0
(DEL) Alkane: C...	6.982	2.0	ug/L	78545	1	8.841	965584	25.0
(DEL) Alkane: C...	8.573	1.6	ug/L	63737	1	8.841	965584	25.0
(DEL) Alkane: S...	8.695	2.8	ug/L	106374	1	8.841	965584	25.0
(DEL) Alkane: C...	9.896	2.8	ug/L	108144	1	8.841	965584	25.0
2H-Pyran, tetra...	9.963	2.7	ug/L	104530	1	8.841	965584	25.0
Benzene, bromo-	12.743	9.7	ug/L	566650	3	13.554	1460900	25.0
Benzene, 1-ethy...	12.865	8.9	ug/L	519637	3	13.554	1460900	25.0
(DEL) Alkane: S...	13.079	8.3	ug/L	485934	3	13.554	1460900	25.0
unknown-02	13.109	9.8	ug/L	572738	3	13.554	1460900	25.0
(DEL) Alkane: S...	13.164	38.9	ug/L	2271550	3	13.554	1460900	25.0
(DEL) Alkane: S...	13.341	13.9	ug/L	809108	3	13.554	1460900	25.0
(DEL) Alkane: C...	13.444	62.5	ug/L	3649440	3	13.554	1460900	25.0
(DEL) Alkane: S...	13.481	23.5	ug/L	1371130	3	13.554	1460900	25.0
(DEL) Alkane: S...	13.694	18.5	ug/L	1079520	3	13.554	1460900	25.0
unknown-03	13.975	18.6	ug/L	1086390	3	13.554	1460900	25.0
(DEL) Alkane: S...	14.024	29.4	ug/L	1715060	3	13.554	1460900	25.0
(DEL) Alkane: S...	14.127	36.5	ug/L	2133810	3	13.554	1460900	25.0
(DEL) Alkane: S...	14.188	16.0	ug/L	937186	3	13.554	1460900	25.0
(DEL) Alkane: C...	14.261	29.4	ug/L	1719790	3	13.554	1460900	25.0
unknown-04	14.316	15.7	ug/L	916929	3	13.554	1460900	25.0
1-Octanol, 2-me...	14.353	71.4	ug/L	4172480	3	13.554	1460900	25.0
(DEL) Alkane: C...	14.383	155.2	ug/L	9067950	3	13.554	1460900	25.0
(DEL) Alkane: S...	14.426	43.9	ug/L	2566740	3	13.554	1460900	25.0
(DEL) Alkane: S...	14.493	32.0	ug/L	1872030	3	13.554	1460900	25.0
Naphthalene, de...	14.548	54.2	ug/L	3167610	3	13.554	1460900	25.0
unknown-05	14.597	11.4	ug/L	665528	3	13.554	1460900	25.0
Oxalic acid, bi...	14.658	9.7	ug/L	568679	3	13.554	1460900	25.0
(DEL) Alkane: C...	14.737	34.8	ug/L	2032870	3	13.554	1460900	25.0
(DEL) Alkane: C...	14.792	49.0	ug/L	2866320	3	13.554	1460900	25.0
(DEL) Alkane: S...	14.834	140.9	ug/L	8236550	3	13.554	1460900	25.0
(DEL) Alkane: S...	14.920	17.0	ug/L	991466	3	13.554	1460900	25.0
Oxalic acid, 6-...	15.115	14.7	ug/L	858101	3	13.554	1460900	25.0
(DEL) Alkane: C...	15.231	50.2	ug/L	2934570	3	13.554	1460900	25.0
(DEL) Alkane: S...	15.322	85.7	ug/L	5008530	3	13.554	1460900	25.0
Benzyl oxy trid...	15.578	25.1	ug/L	1467820	3	13.554	1460900	25.0
p-Toluic acid, ...	15.627	36.8	ug/L	2147980	3	13.554	1460900	25.0
Benzene, 1,4-di...	15.724	90.4	ug/L	5280510	3	13.554	1460900	25.0
Benzene, 1,2,4-...	15.816	35.3	ug/L	2062120	3	13.554	1460900	25.0
unknown-06	16.066	24.4	ug/L	1424260	3	13.554	1460900	25.0
unknown-07	16.157	36.2	ug/L	2115720	3	13.554	1460900	25.0
(DEL) Alkane: C...	16.206	46.9	ug/L	2739300	3	13.554	1460900	25.0
(DEL) Alkane: S...	16.279	66.7	ug/L	3896330	3	13.554	1460900	25.0