

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022485.D
 Acq On : 11 Apr 2022 16:09
 Operator : SY/VA
 Sample : N2316-06
 Misc : 6.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ4

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: VW022485.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	37	rVB	1904233	2987880	2.63%	1.912%
2	2.355	66	74	81	rBV	155552	276995	0.24%	0.177%
3	2.495	91	97	113	rBV	69900	165085	0.15%	0.106%
4	2.891	153	162	175	rVV	95627	212940	0.19%	0.136%
5	4.019	334	347	359	rVV2	177211	541502	0.48%	0.347%
6	4.123	359	364	375	rVV2	14900	45969	0.04%	0.029%
7	4.385	396	407	424	rBV	31362	96172	0.08%	0.062%
8	5.013	502	510	520	rVB4	13376	50009	0.04%	0.032%
9	6.988	823	834	841	rBV5	14841	43625	0.04%	0.028%
10	7.080	841	849	861	rBV	57714	170595	0.15%	0.109%
11	7.647	932	942	954	rBV	302964	749811	0.66%	0.480%
12	8.281	1036	1046	1047	rBV	537560	1077591	0.95%	0.690%
13	8.323	1047	1053	1063	rVB	1484252	3513200	3.09%	2.249%
14	8.695	1106	1114	1128	rVB	49117	104919	0.09%	0.067%
15	8.842	1128	1138	1149	rBV	526646	1035107	0.91%	0.663%
16	9.140	1183	1187	1196	rVB	21086	45048	0.04%	0.029%
17	9.274	1196	1209	1215	rBV	390367	842115	0.74%	0.539%
18	9.329	1215	1218	1223	rVV2	83478	139452	0.12%	0.089%
19	9.384	1223	1227	1235	rVB	94695	175501	0.15%	0.112%
20	9.579	1252	1259	1260	rBV2	27625	46512	0.04%	0.030%
21	9.750	1281	1287	1300	rVB3	33786	69760	0.06%	0.045%
22	9.896	1304	1311	1315	rBV	132074	244519	0.21%	0.157%
23	9.957	1315	1321	1330	rVV3	587290	1442807	1.27%	0.924%
24	10.030	1330	1333	1338	rVV	212278	386094	0.34%	0.247%
25	10.097	1338	1344	1356	rVB	548307	1259766	1.11%	0.806%
26	10.207	1356	1362	1365	rBV5	20988	41981	0.04%	0.027%
27	10.250	1365	1369	1374	rVB3	41414	71062	0.06%	0.045%
28	10.323	1374	1381	1386	rBV	867376	1547332	1.36%	0.990%
29	10.384	1386	1391	1398	rVB2	629930	1088346	0.96%	0.697%
30	10.500	1404	1410	1417	rVB	199123	363779	0.32%	0.233%
31	10.579	1417	1423	1427	rBV	144604	253573	0.22%	0.162%
32	10.719	1441	1446	1450	rBV2	31421	48083	0.04%	0.031%
33	10.841	1462	1466	1472	rVB2	43971	73757	0.06%	0.047%
34	10.927	1472	1480	1489	rBV2	316944	594973	0.52%	0.381%
35	11.036	1492	1498	1506	rBV	53146	118547	0.10%	0.076%
36	11.225	1525	1529	1535	rVB2	55731	90552	0.08%	0.058%

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Integrator: RTE

Smoothing : OFF

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Start Thrs: 0.2

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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

37	11.286	1535	1539	1543	rBV3	28255	47558	0.04%	0.030%
38	11.335	1543	1547	1551	rVB3	28695	41531	0.04%	0.027%
39	11.408	1551	1559	1568	rVB5	61999	176042	0.15%	0.113%
40	11.512	1570	1576	1580	rBV	55914	84835	0.07%	0.054%
41	11.561	1580	1584	1588	rVB2	40928	60763	0.05%	0.039%
42	11.658	1588	1600	1609	rBV2	64332864	113750772	100.00%	72.809%
43	11.725	1609	1611	1620	rVB	62263	103623	0.09%	0.066%
44	11.835	1620	1629	1633	rBV	89254	211045	0.19%	0.135%
45	12.158	1671	1682	1690	rBV4	81928	259475	0.23%	0.166%
46	12.250	1693	1697	1701	rVB	42153	60249	0.05%	0.039%
47	12.371	1707	1717	1726	rVB6	74033	225004	0.20%	0.144%
48	12.463	1726	1732	1736	rBV6	28502	67581	0.06%	0.043%
49	12.652	1759	1763	1765	rVV3	58430	95440	0.08%	0.061%
50	12.688	1765	1769	1774	rVV	357093	582252	0.51%	0.373%
51	12.743	1774	1778	1781	rVV2	90540	157877	0.14%	0.101%
52	12.774	1781	1783	1791	rVB3	96705	162468	0.14%	0.104%
53	12.859	1791	1797	1798	rBV4	61789	97685	0.09%	0.063%
54	12.896	1799	1803	1804	rVV	85642	137583	0.12%	0.088%
55	12.938	1805	1810	1814	rVV5	157178	368554	0.32%	0.236%
56	12.987	1814	1818	1823	rVB3	117439	194780	0.17%	0.125%
57	13.079	1828	1833	1835	rBV2	70046	111947	0.10%	0.072%
58	13.121	1836	1840	1842	rVV3	54647	92809	0.08%	0.059%
59	13.158	1842	1846	1853	rVB	252938	389136	0.34%	0.249%
60	13.249	1858	1861	1864	rBV3	39302	51202	0.05%	0.033%
61	13.292	1864	1868	1871	rBV3	52626	74019	0.07%	0.047%
62	13.341	1872	1876	1879	rVV2	73547	106013	0.09%	0.068%
63	13.371	1879	1881	1885	rVB3	53806	60418	0.05%	0.039%
64	13.444	1885	1893	1896	rBV3	415182	871394	0.77%	0.558%
65	13.481	1896	1899	1902	rVV	271726	396954	0.35%	0.254%
66	13.518	1902	1905	1907	rVV	154851	231452	0.20%	0.148%
67	13.554	1907	1911	1919	rVV	877310	1500365	1.32%	0.960%
68	13.621	1919	1922	1928	rVB2	202806	275505	0.24%	0.176%
69	13.694	1928	1934	1938	rBV3	141822	270719	0.24%	0.173%
70	13.853	1947	1960	1968	rBV2	928636	2971203	2.61%	1.902%
71	13.914	1968	1970	1974	rVB2	188527	235767	0.21%	0.151%
72	13.975	1976	1980	1983	rVV3	124798	196326	0.17%	0.126%
73	14.024	1984	1988	1992	rVV4	86852	189257	0.17%	0.121%
74	14.127	2002	2005	2010	rVB2	183159	283954	0.25%	0.182%
75	14.188	2011	2015	2022	rBV8	82288	211429	0.19%	0.135%
76	14.261	2023	2027	2032	rVV6	144785	275737	0.24%	0.176%

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 Title : SFAM01.0

77	14.316	2032	2036	2037	rVV3	134046	194348	0.17%	0.124%
78	14.383	2038	2047	2051	rVV4	760773	1721653	1.51%	1.102%
79	14.426	2051	2054	2057	rVB3	100061	128212	0.11%	0.082%
80	14.493	2062	2065	2068	rVB3	154808	188552	0.17%	0.121%
81	14.542	2068	2073	2079	rBV	378881	610547	0.54%	0.391%
82	14.597	2079	2082	2085	rBV4	64550	101089	0.09%	0.065%
83	14.700	2095	2099	2101	rBV2	122586	179706	0.16%	0.115%
84	14.731	2101	2104	2108	rVV3	174009	263690	0.23%	0.169%
85	14.792	2109	2114	2117	rVV3	211527	414110	0.36%	0.265%
86	14.834	2117	2121	2128	rVB2	499097	961957	0.85%	0.616%
87	15.121	2165	2168	2169	rBV2	63235	74931	0.07%	0.048%
88	15.249	2178	2189	2196	rVB9	280689	1012285	0.89%	0.648%
89	15.322	2196	2201	2209	rBV3	500451	919988	0.81%	0.589%
90	15.499	2227	2230	2235	rVB5	140837	235802	0.21%	0.151%
91	15.554	2235	2239	2240	rBV2	147386	194818	0.17%	0.125%
92	15.627	2247	2251	2253	rBV	195813	297546	0.26%	0.190%
93	15.725	2262	2267	2271	rBV	309152	500223	0.44%	0.320%
94	15.773	2272	2275	2278	rBV2	126309	228715	0.20%	0.146%
95	15.920	2293	2299	2300	rBV3	214439	396808	0.35%	0.254%
96	16.066	2319	2323	2329	rVB4	168371	320872	0.28%	0.205%
97	16.151	2332	2337	2342	rVV4	173603	359852	0.32%	0.230%
98	16.212	2343	2347	2350	rVV5	118601	210968	0.19%	0.135%
99	16.273	2351	2357	2363	rVB5	297513	699322	0.61%	0.448%
100	16.468	2385	2389	2395	rVB5	161538	319916	0.28%	0.205%

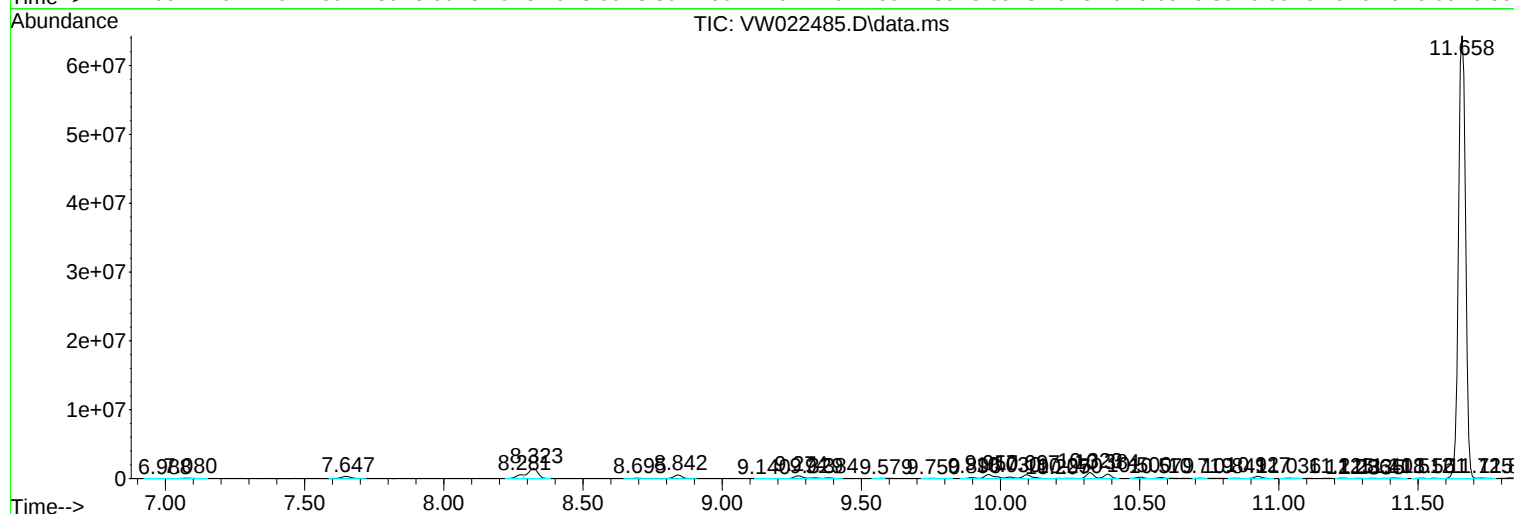
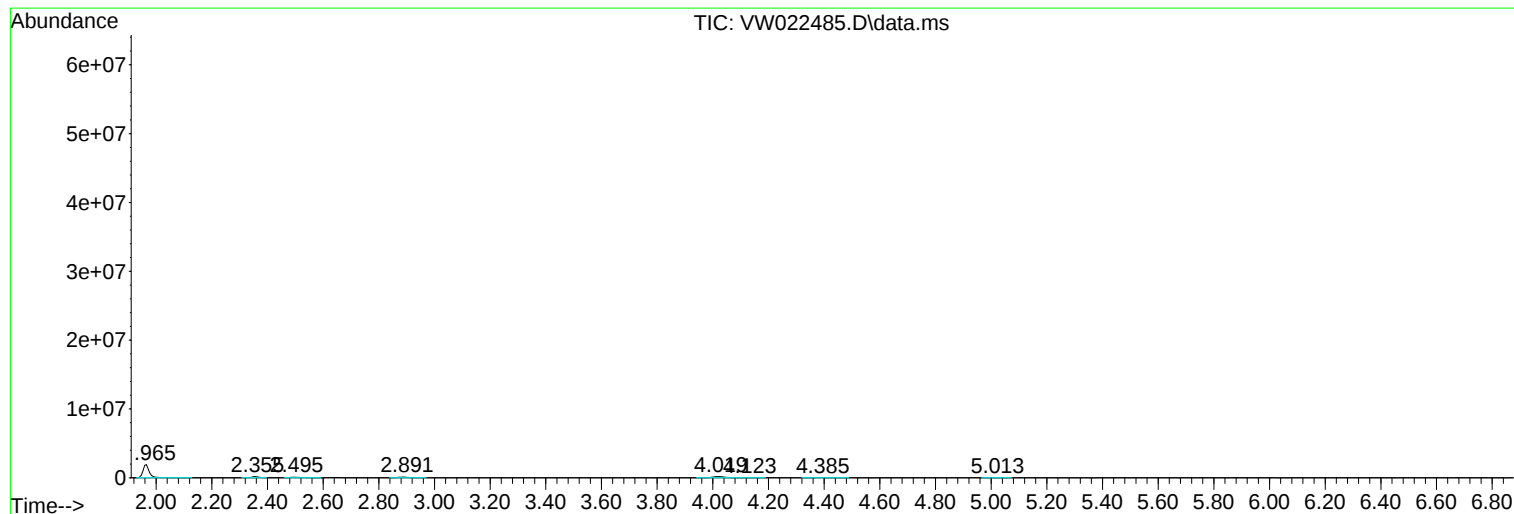
Sum of corrected areas: 156231592

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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



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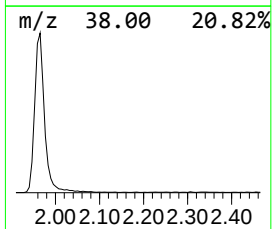
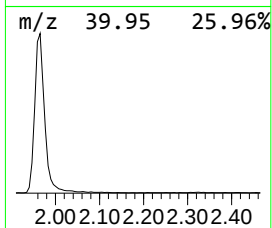
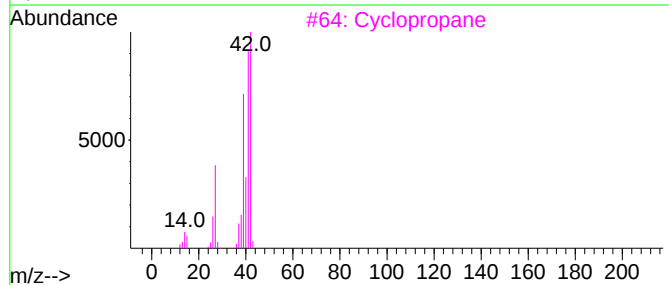
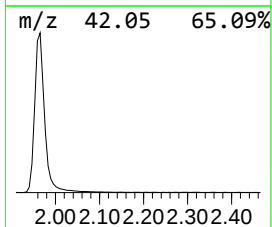
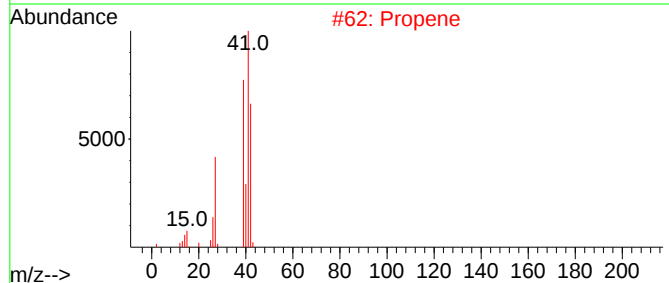
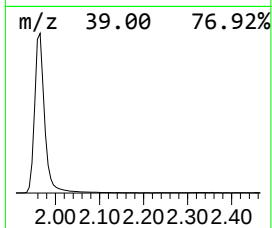
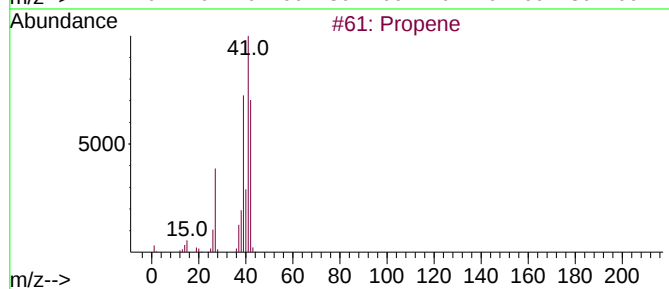
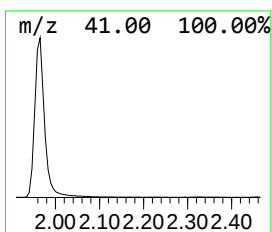
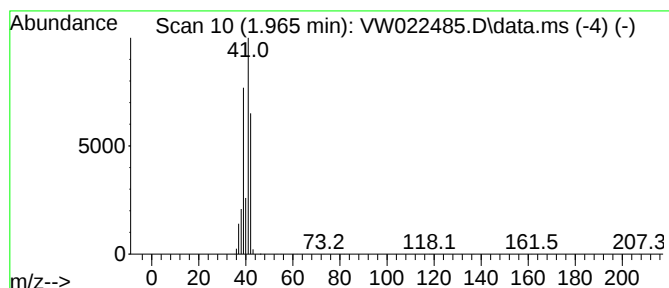
Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.965	72.16 ug/L	2987880	1,4-Difluorobenzene	8.842	
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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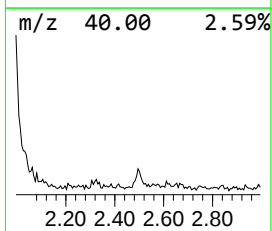
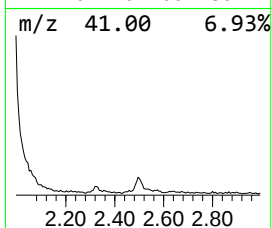
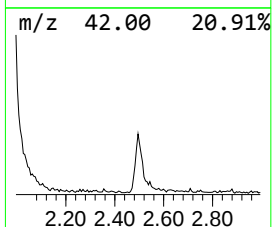
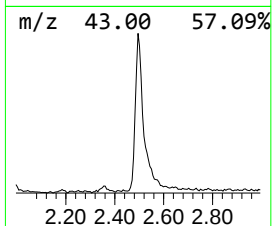
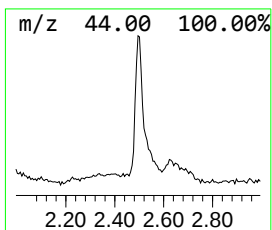
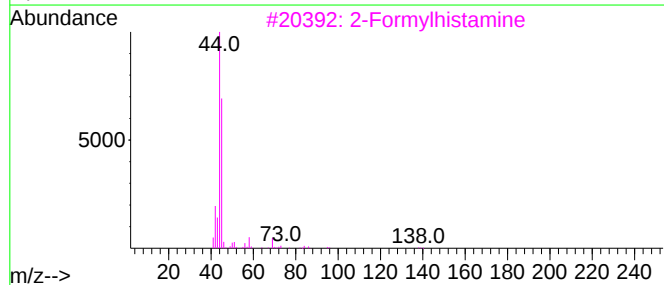
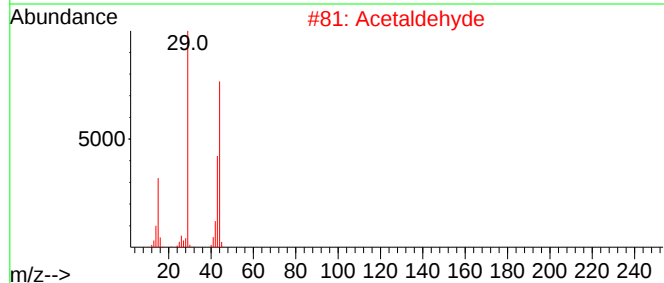
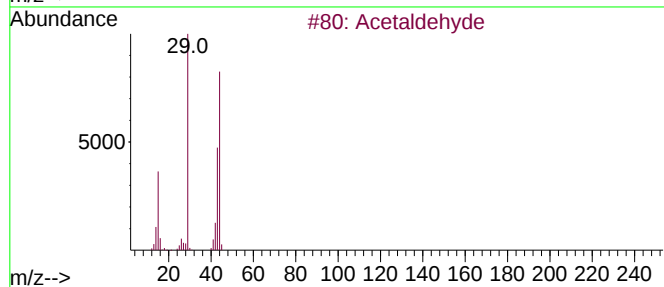
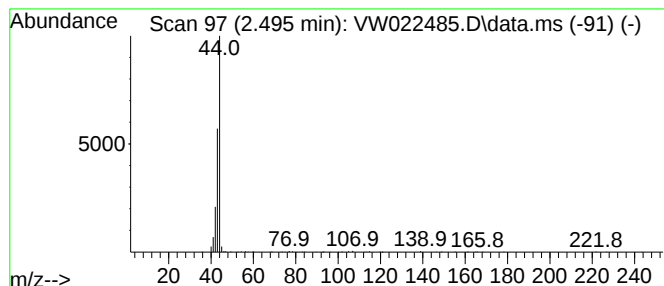
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	3.99 ug/L	165085	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetaldehyde	44	C2H4O	000075-07-0	9
2		Acetaldehyde	44	C2H4O	000075-07-0	9
3		2-Formylhistamine	139	C6H9N3O	1000132-95-8	9
4		Propane	44	C3H8	000074-98-6	5
5		Tuaminoheptane	115	C7H17N	000123-82-0	5



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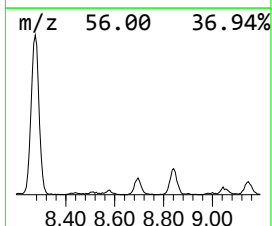
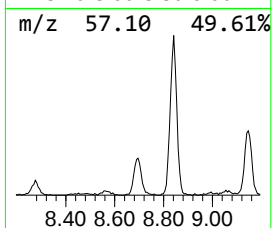
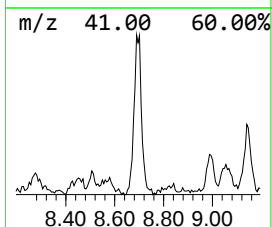
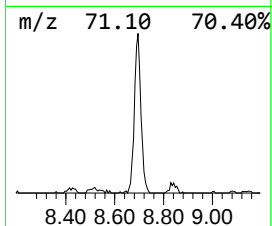
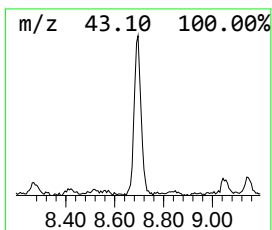
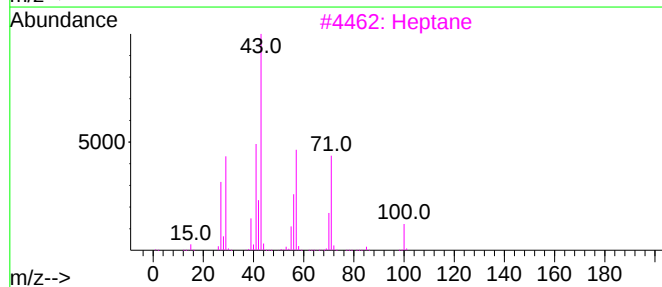
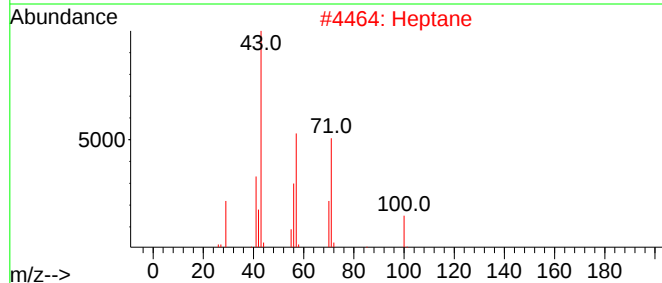
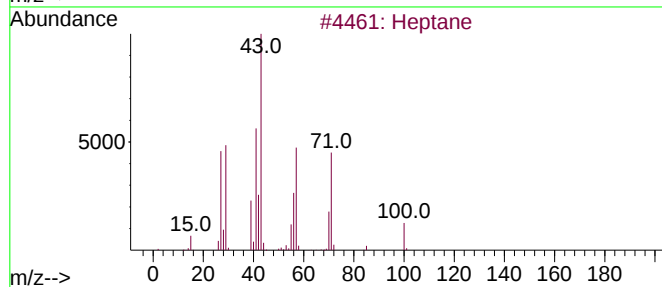
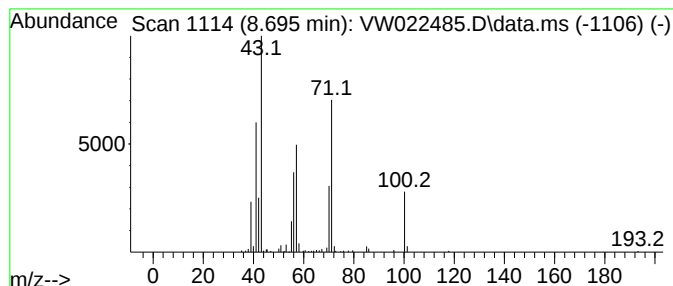
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	2.53 ug/L	104919	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	64
2	Heptane			100	C7H16	000142-82-5	64
3	Heptane			100	C7H16	000142-82-5	64
4	Heptane			100	C7H16	000142-82-5	50
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

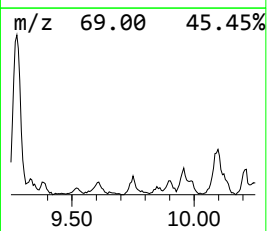
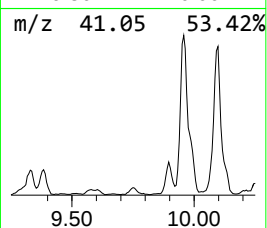
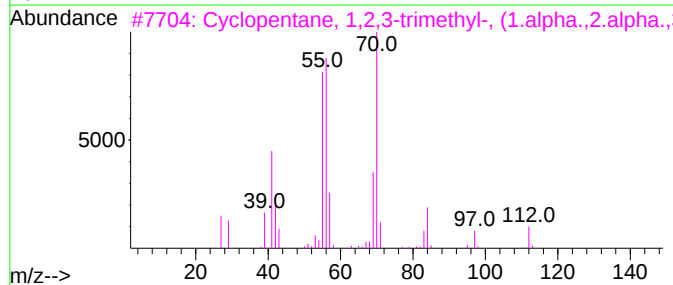
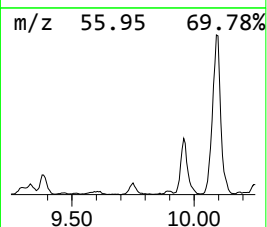
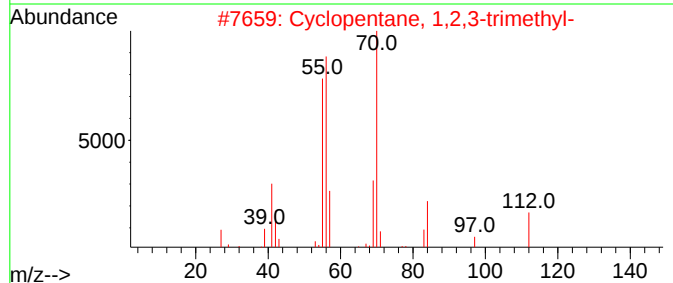
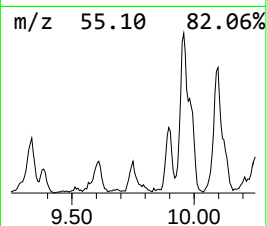
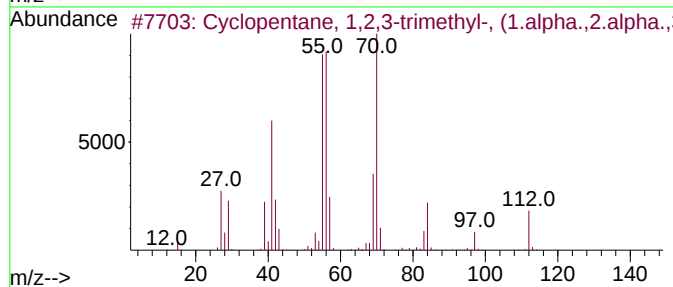
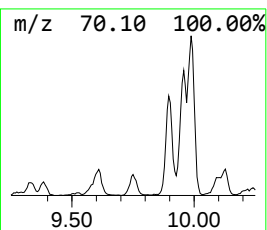
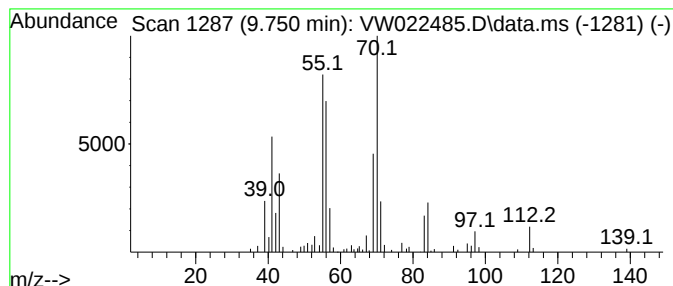
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic9.750 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	1.68 ug/L	69760	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
2			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	62
5			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

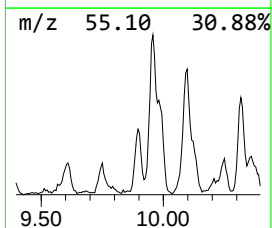
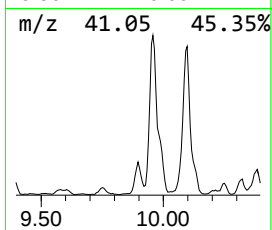
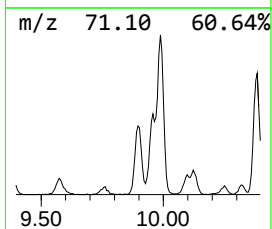
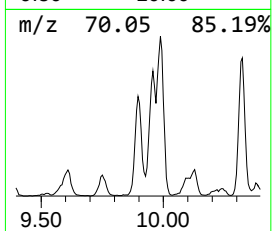
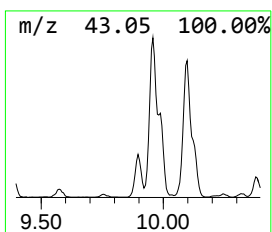
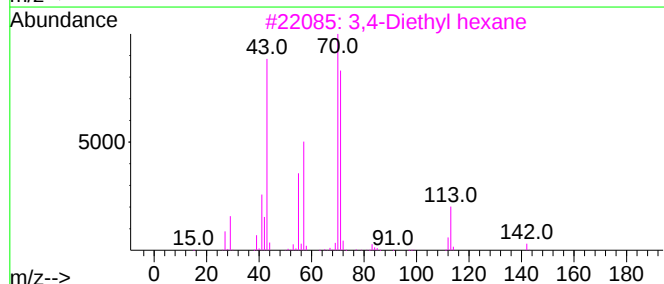
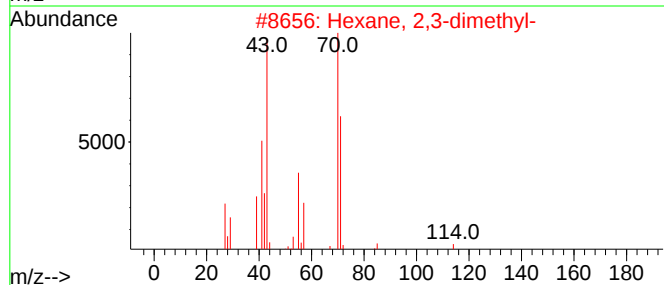
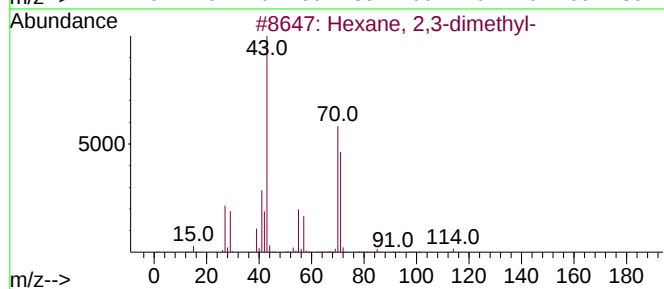
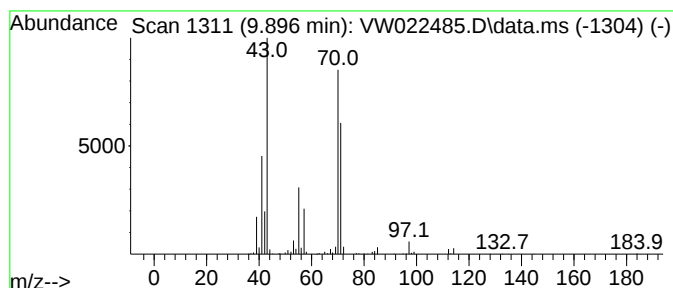
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	5.91 ug/L	244519	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	87
2			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	81
3			3,4-Diethyl hexane	142	C10H22	019398-77-7	78
4			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

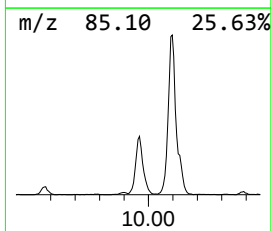
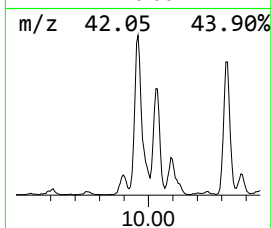
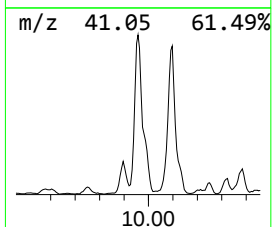
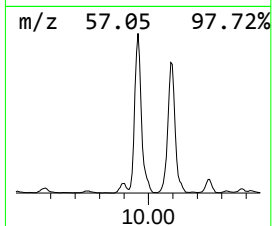
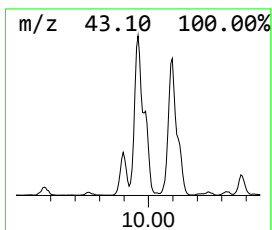
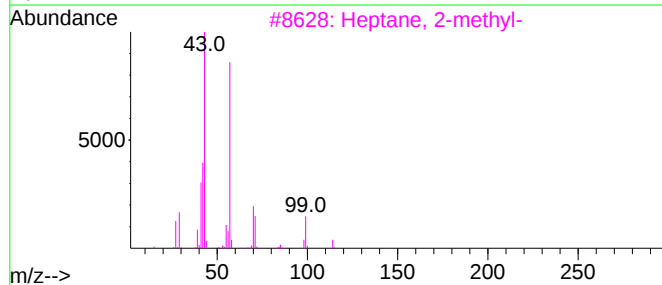
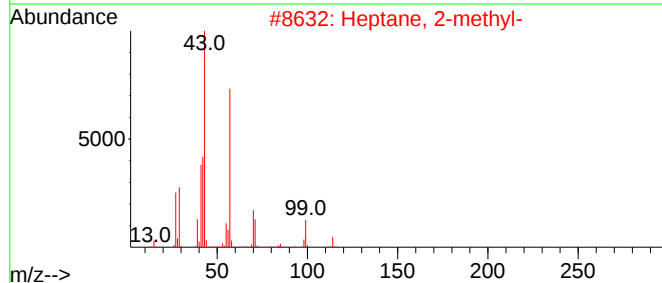
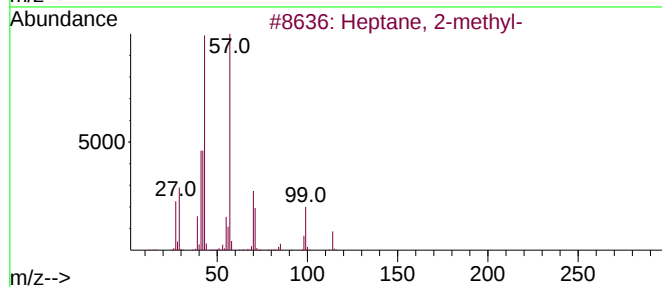
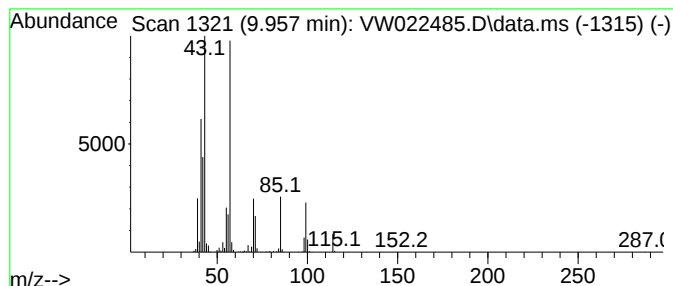
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	34.85 ug/L	1442810	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	74
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	68
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

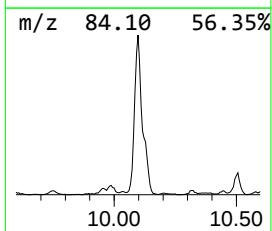
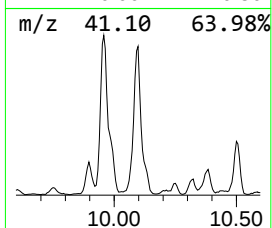
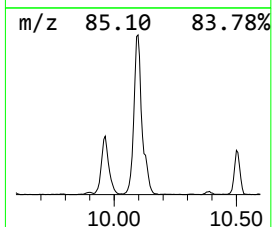
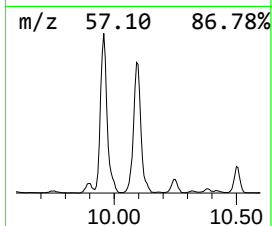
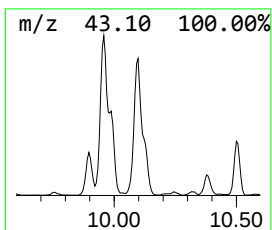
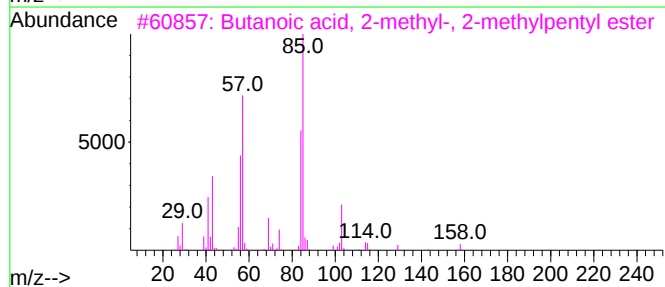
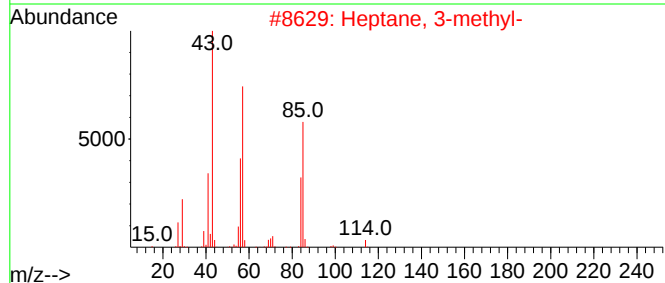
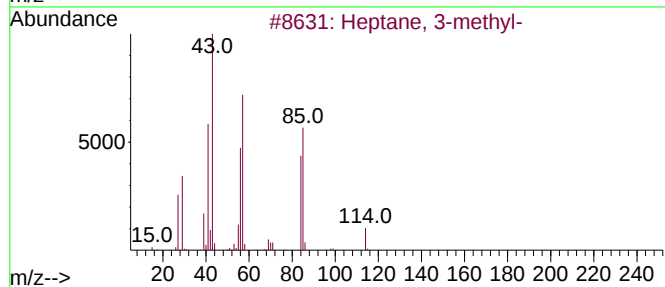
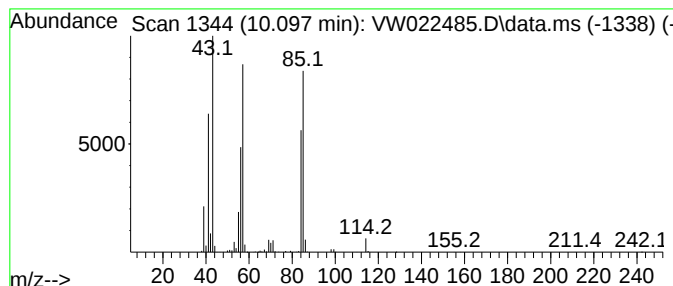
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ClientSampleId :
ETNQ4

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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.098	30.43 ug/L	1259770	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
3	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	72
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

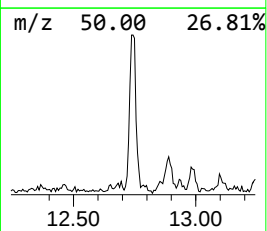
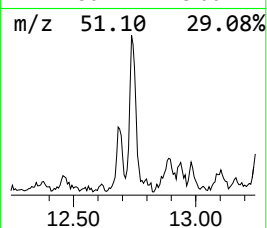
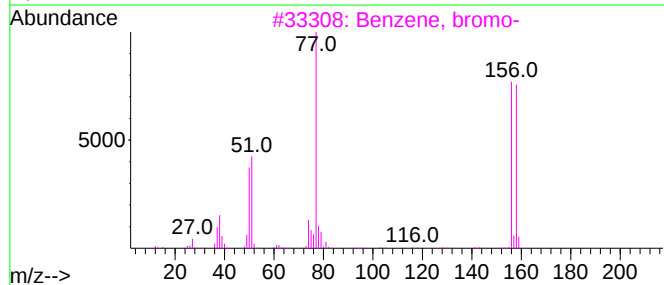
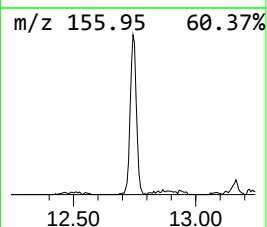
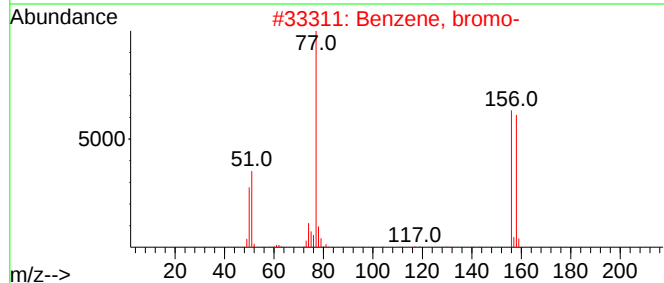
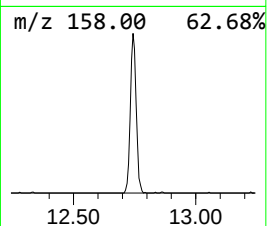
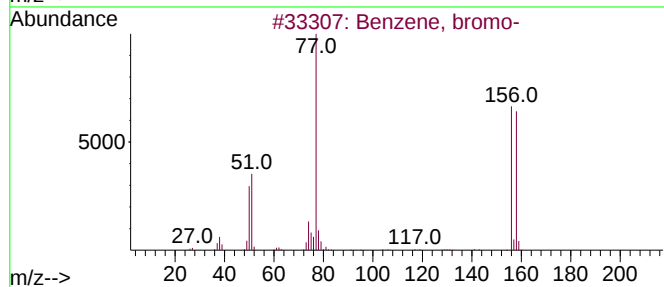
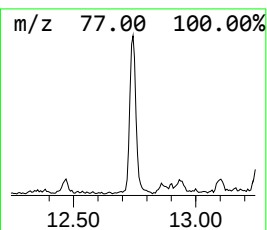
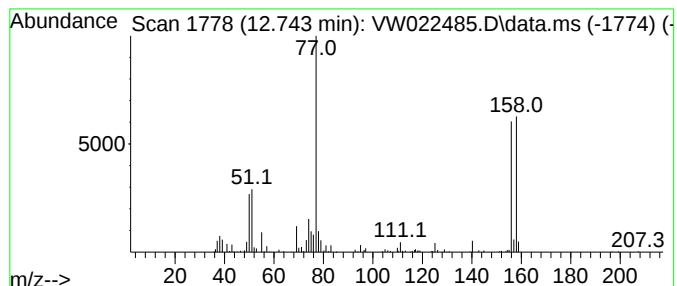
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, bromo- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	2.63 ug/L	157877	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	96
3			Benzene, bromo-	156	C6H5Br	000108-86-1	95
4			Benzene, bromo-	156	C6H5Br	000108-86-1	94
5			Benzene, bromo-	156	C6H5Br	000108-86-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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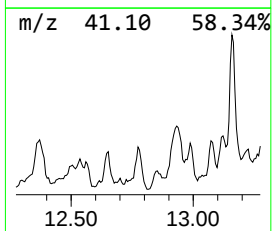
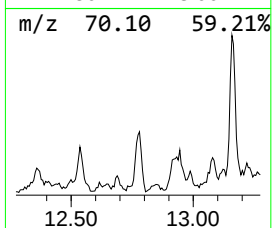
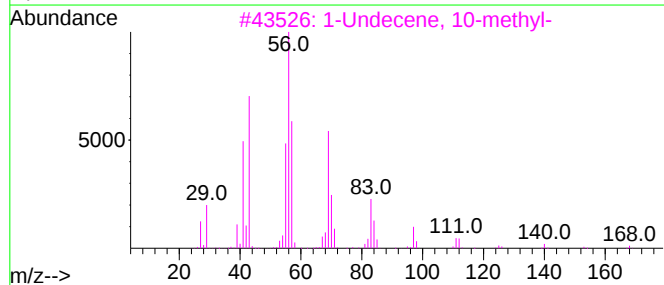
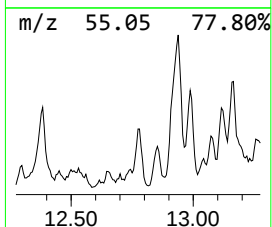
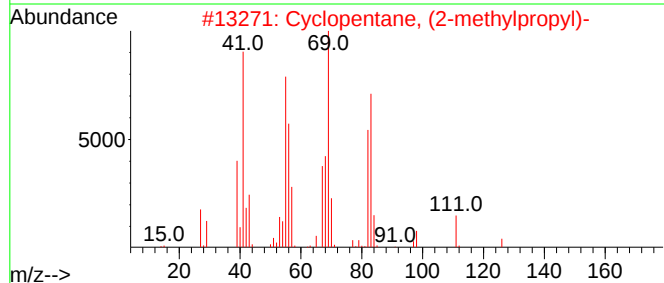
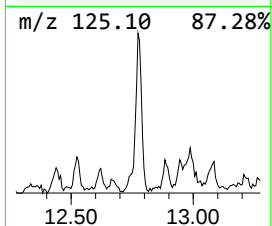
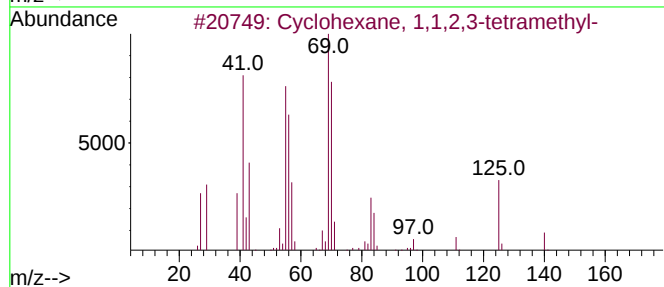
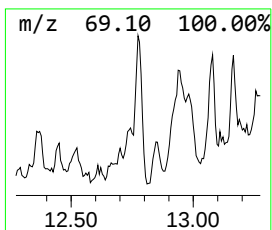
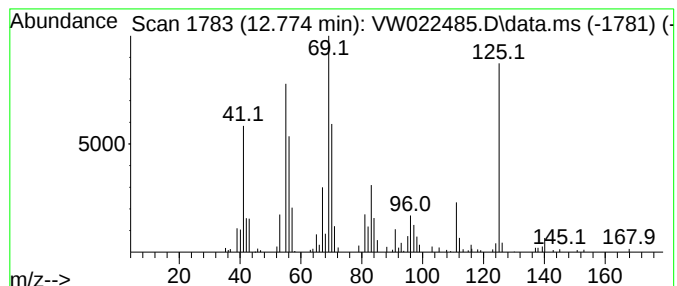
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.774 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	2.71 ug/L	162468	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	64
2		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
3		1-Undecene, 10-methyl-	168	C12H24	022370-55-4	38
4		trans-3-Decene	140	C10H20	019150-21-1	38
5		cis-3-Decene	140	C10H20	019398-86-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

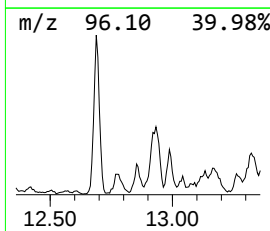
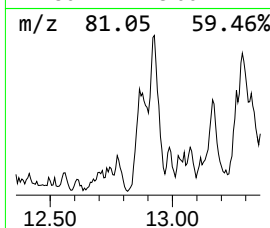
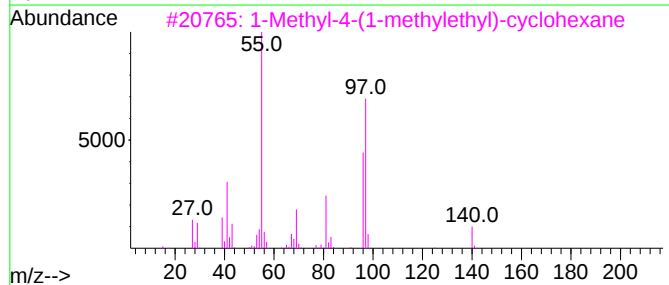
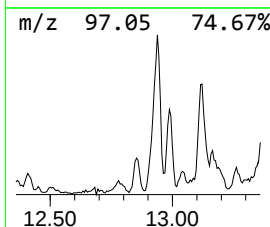
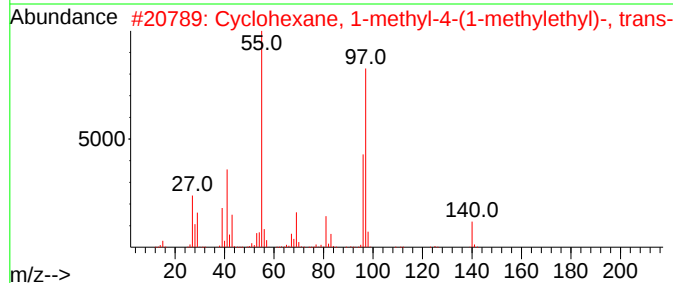
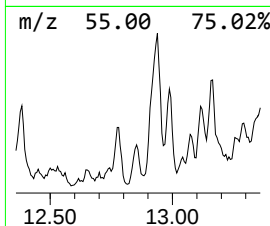
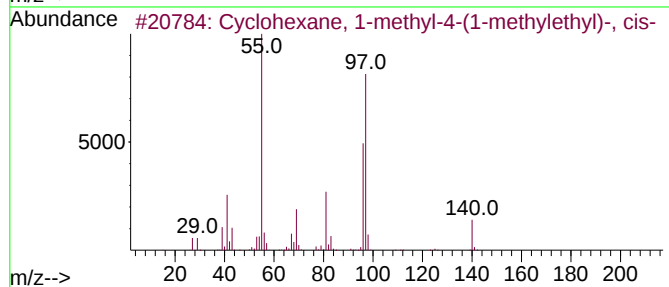
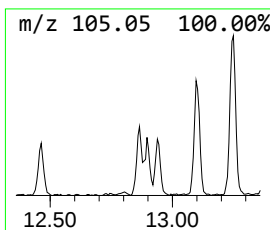
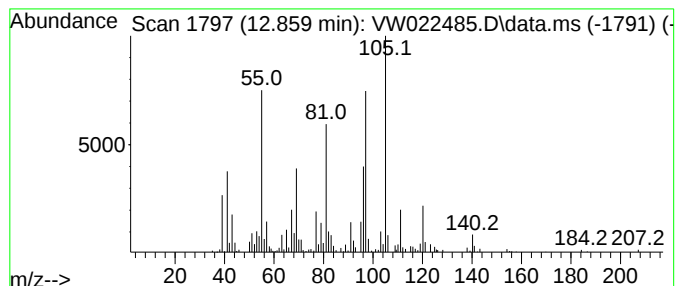
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic12.859 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	1.63 ug/L	97685	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	46
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

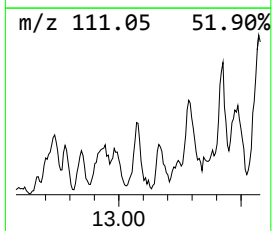
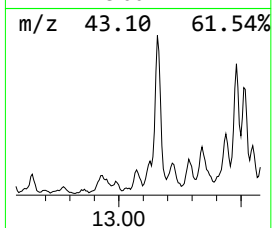
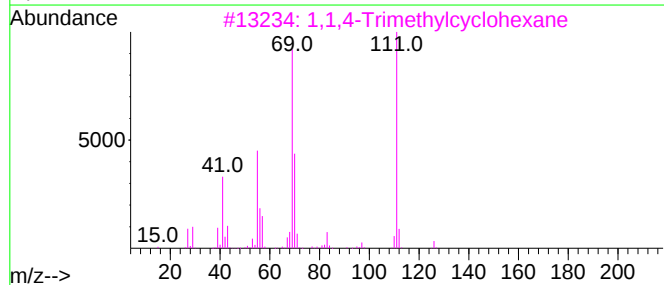
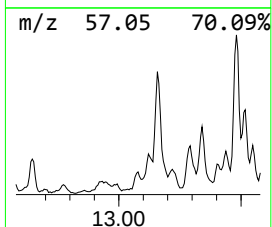
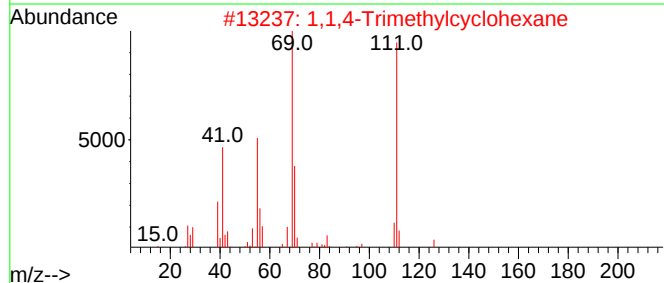
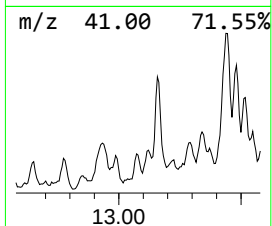
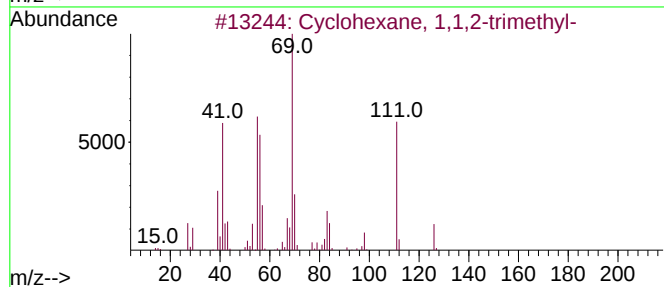
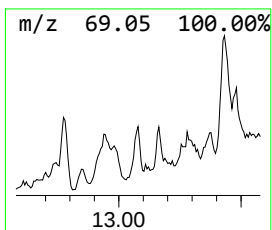
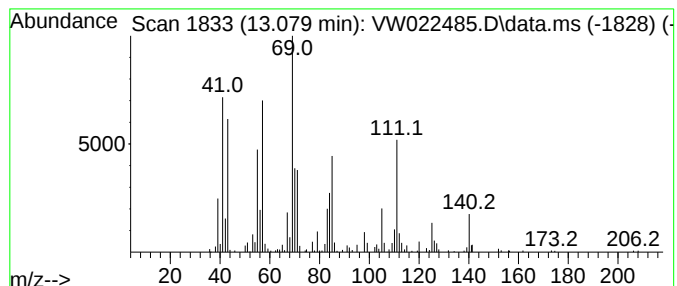
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic13.079 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	1.87 ug/L	111947	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
2			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	41
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	38
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

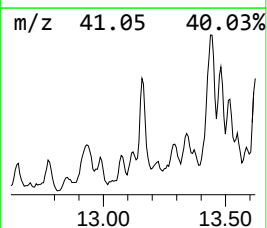
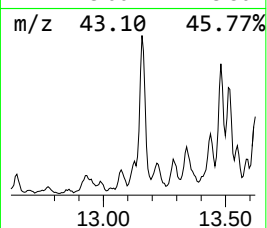
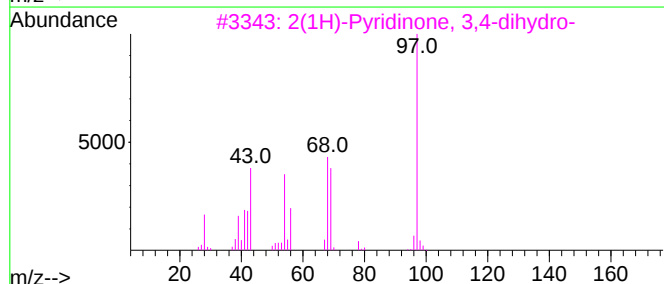
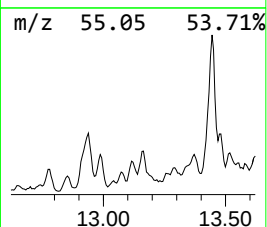
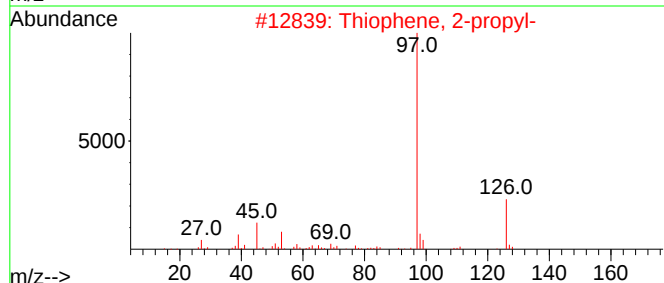
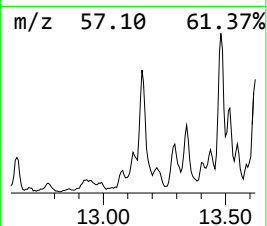
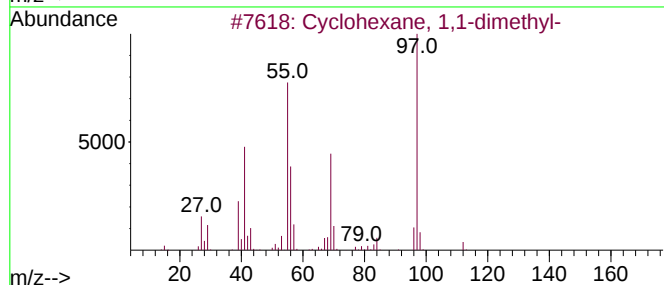
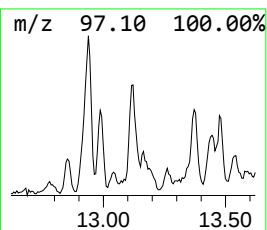
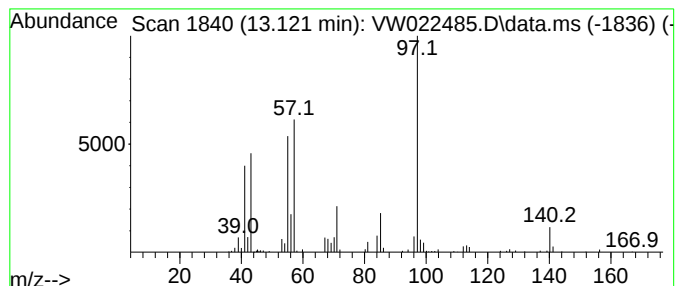
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic13.121 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	1.55 ug/L	92809	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
2			Thiophene, 2-propyl-	126	C7H10S	001551-27-5	52
3			2(1H)-Pyridinone, 3,4-dihydro-	97	C5H7NO	057147-25-8	52
4			Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	50
5			2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

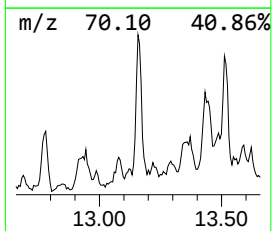
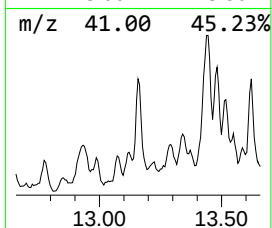
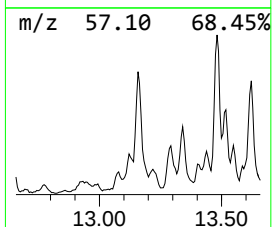
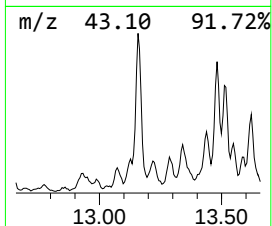
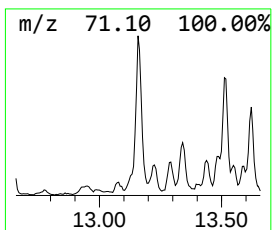
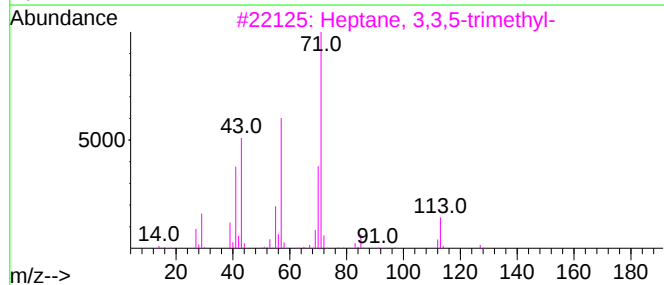
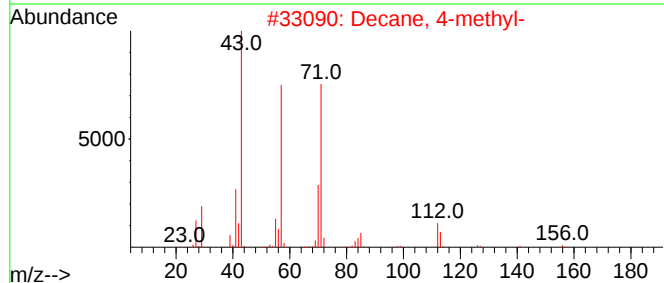
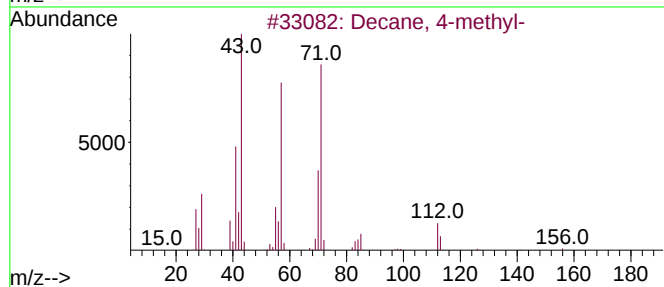
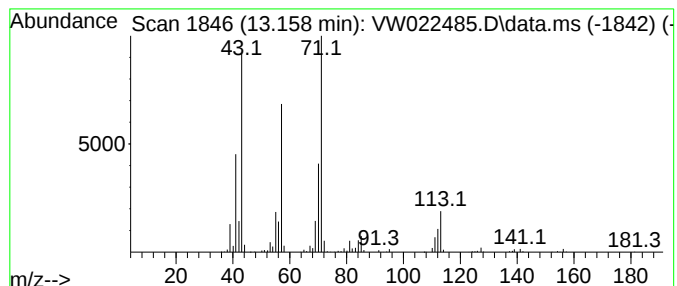
Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.158	6.48 ug/L	389136	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	90
2	Decane, 4-methyl-		156	C11H24	002847-72-5	81
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	78
4	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	78
5	Nonane, 2,6-dimethyl-		156	C11H24	017302-28-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

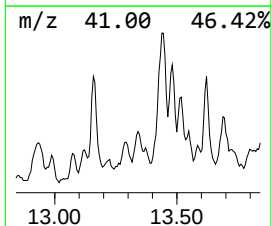
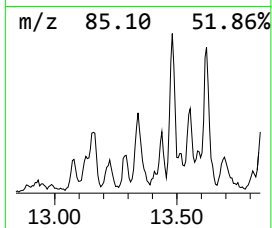
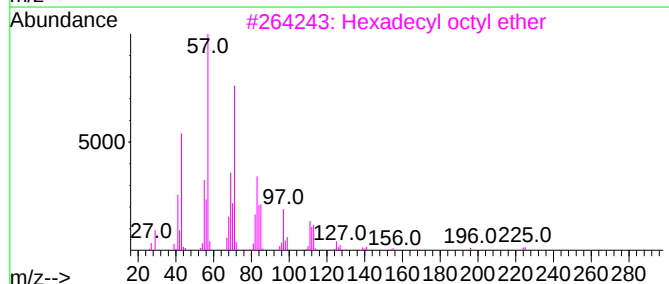
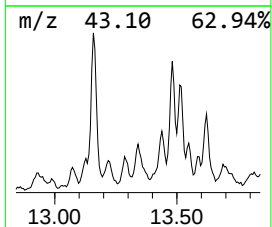
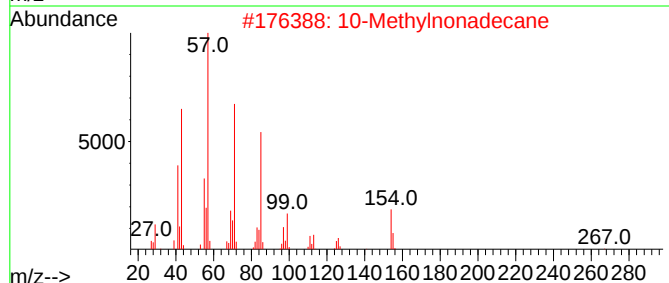
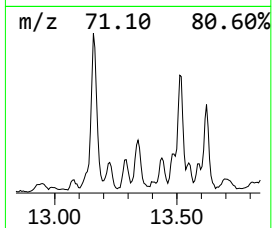
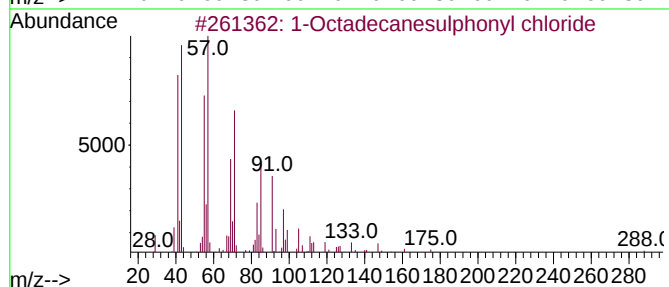
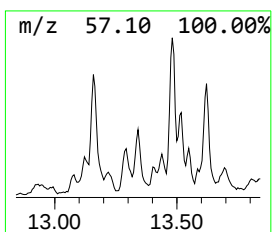
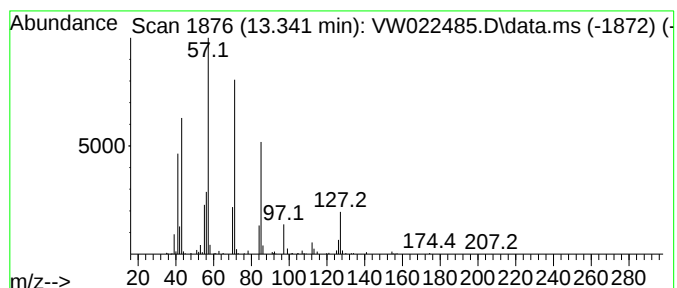
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Quant Title : SFAM01.0

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

Peak Number 15 1-Octadecanesulphonyl chloride Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	1.77 ug/L	106013	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	78
2		10-Methylnonadecane	282	C20H42	056862-62-5	64
3		Hexadecyl octyl ether	354	C24H50O	1000406-38-6	59
4		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
5		Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

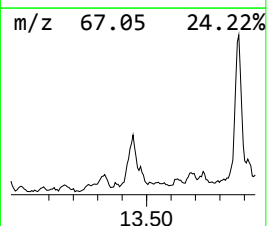
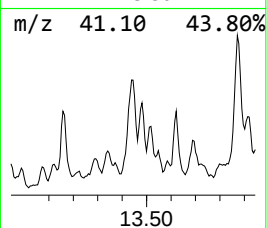
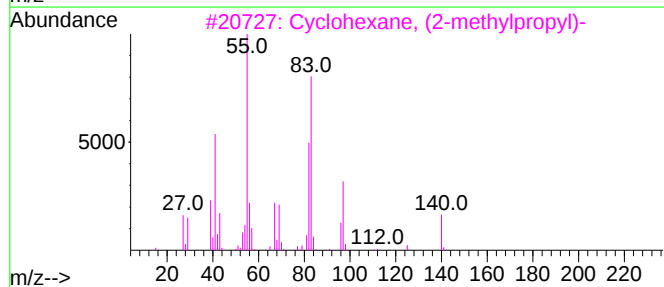
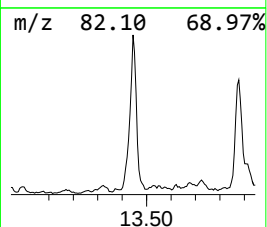
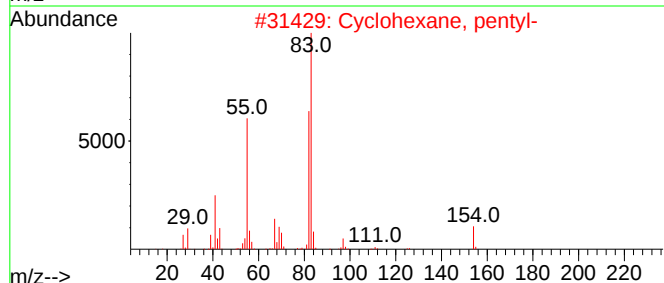
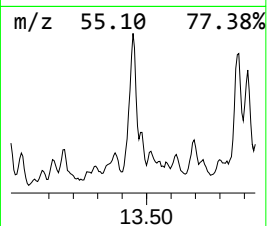
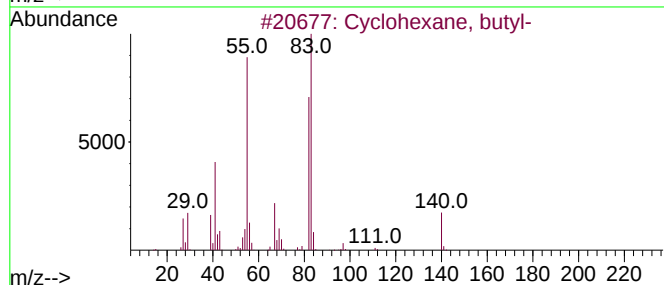
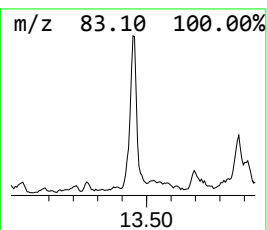
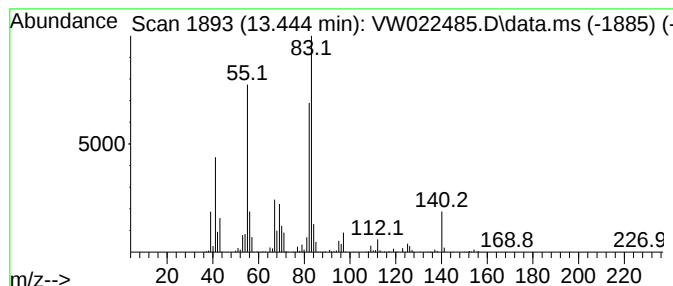
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic13.444 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	14.52 ug/L	871394	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

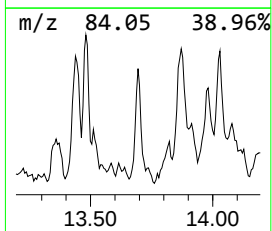
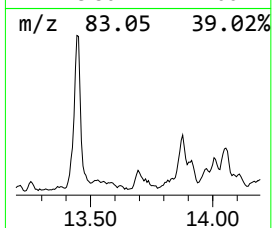
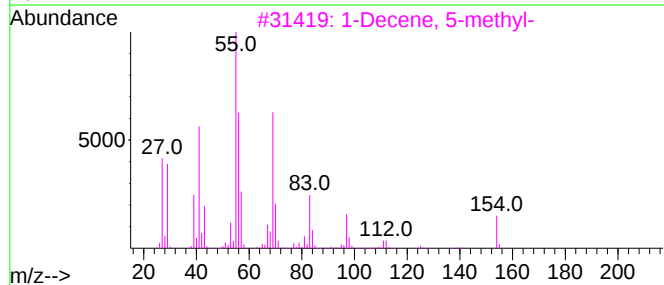
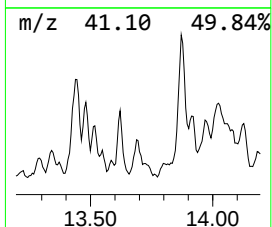
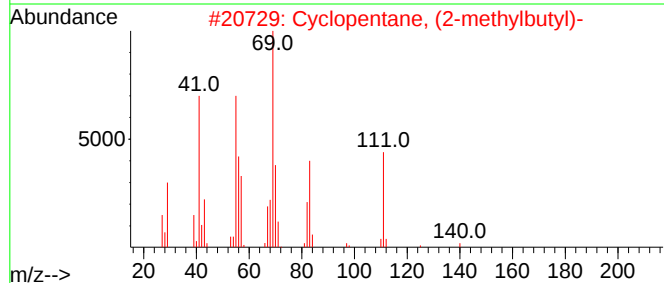
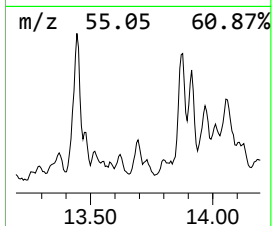
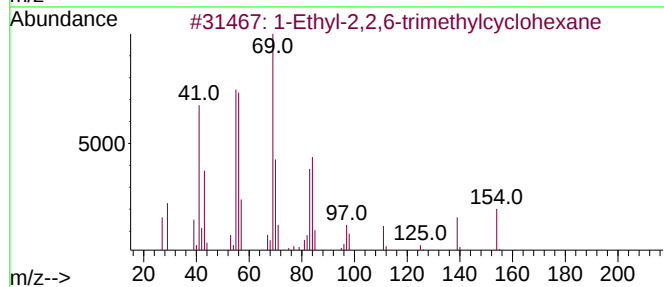
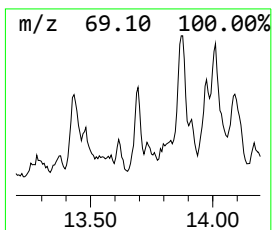
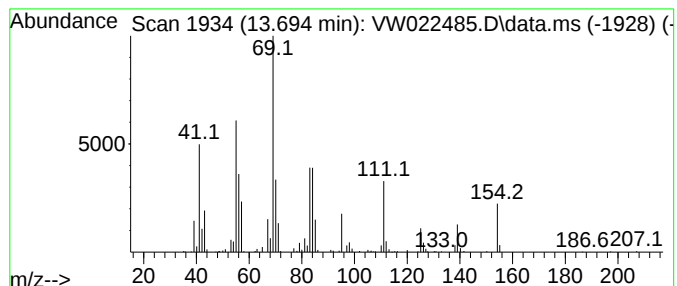
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic13.694 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	4.51 ug/L	270719	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	78
3			1-Decene, 5-methyl-	154	C11H22	054244-79-0	50
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	49
5			4-Nonene, 5-methyl-	140	C10H20	015918-07-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

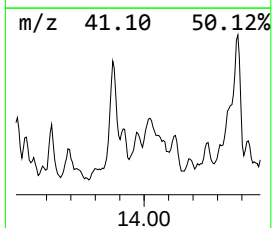
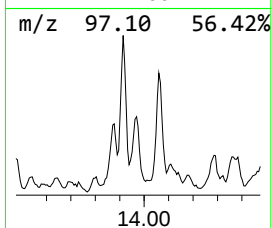
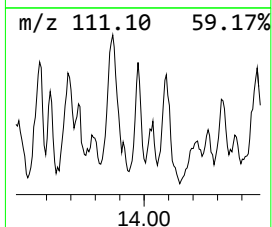
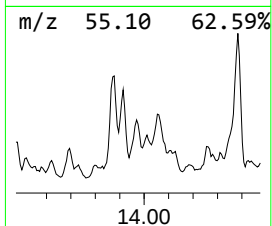
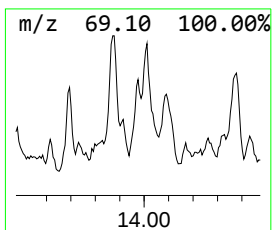
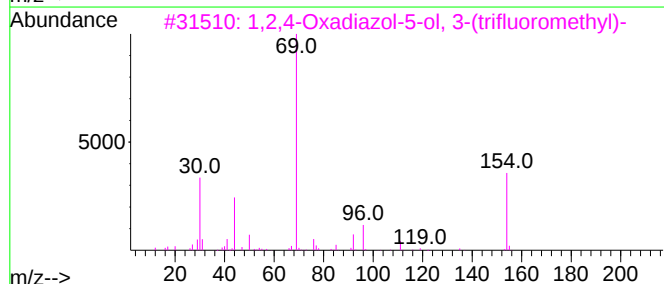
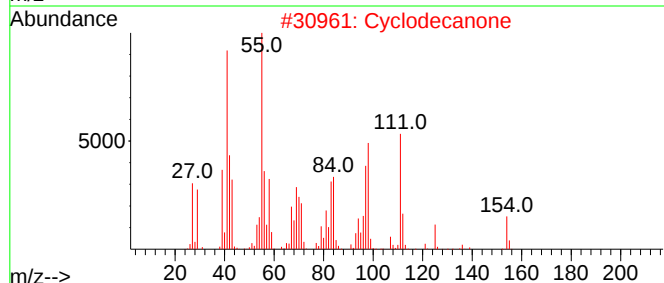
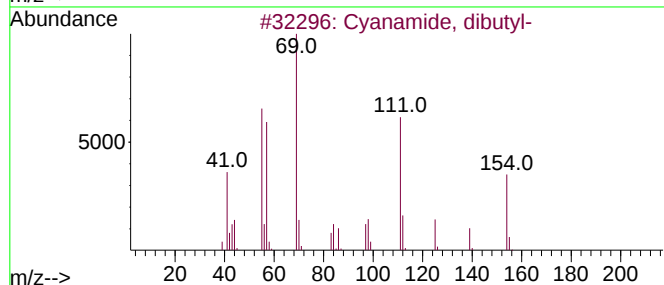
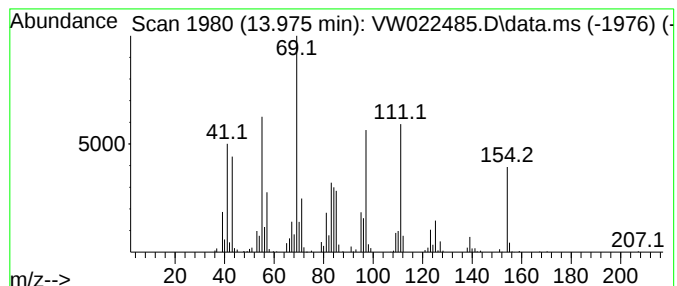
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Quant Title : SFAM01.0

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

Peak Number 18 Cyanamide, dibutyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	3.27 ug/L	196326	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	52
2			Cyclodecanone	154	C10H18O	001502-06-3	45
3			1,2,4-Oxadiazol-5-ol, 3-(trifluo...	154	C3HF3N2O2	1000460-81-4	43
4			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	38
5			Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

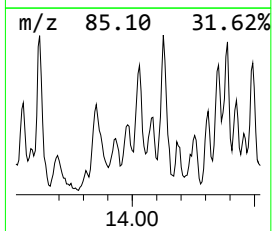
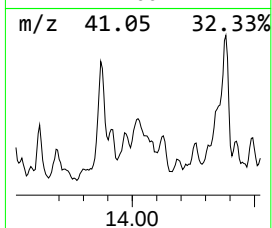
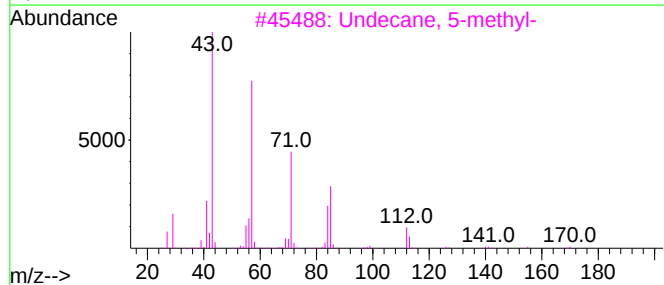
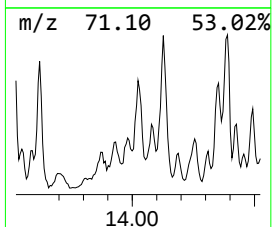
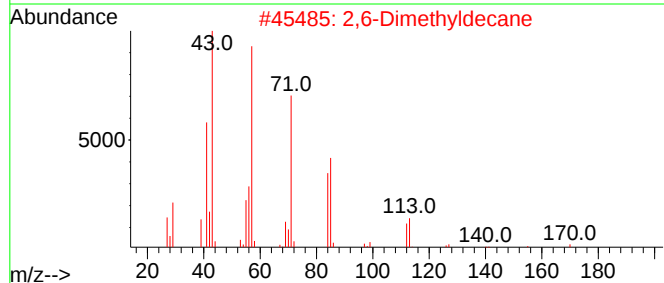
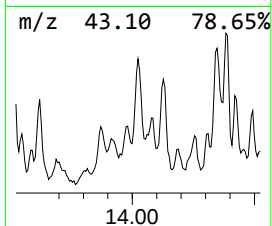
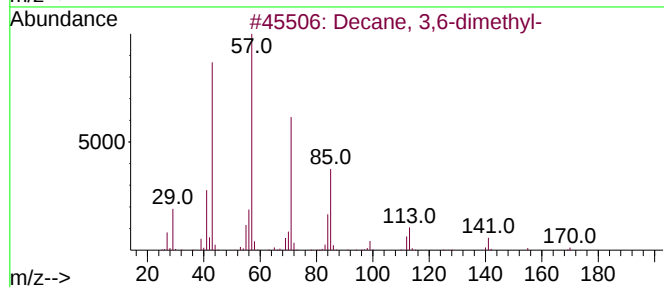
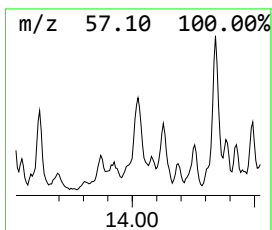
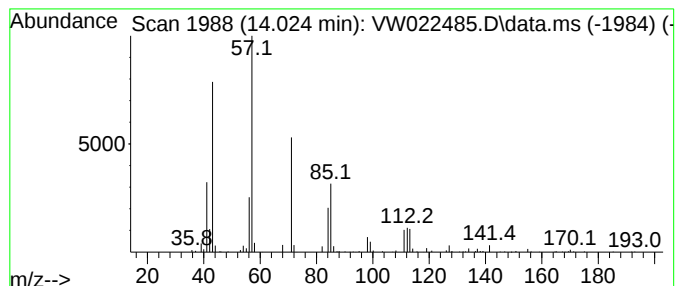
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.024	3.15 ug/L	189257	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
2		2,6-Dimethyldecane	170	C12H26	013150-81-7	87
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	83
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	81
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

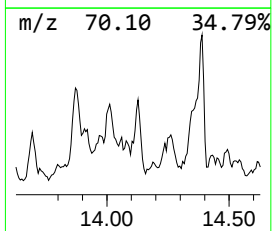
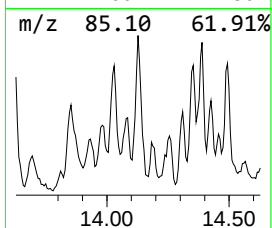
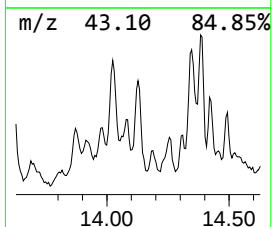
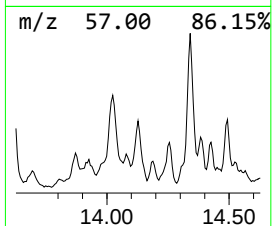
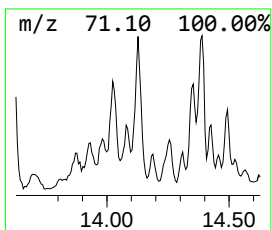
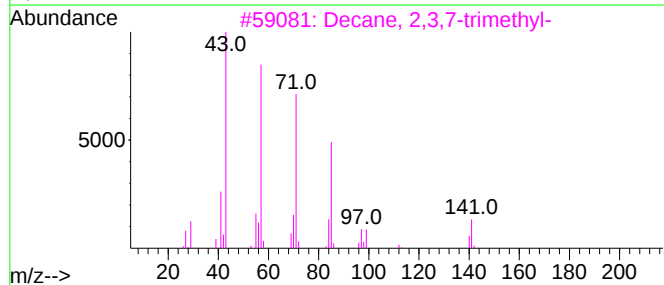
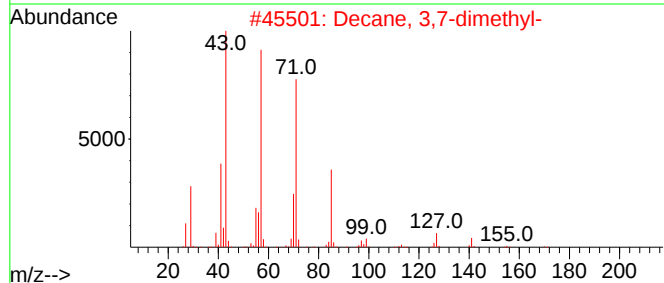
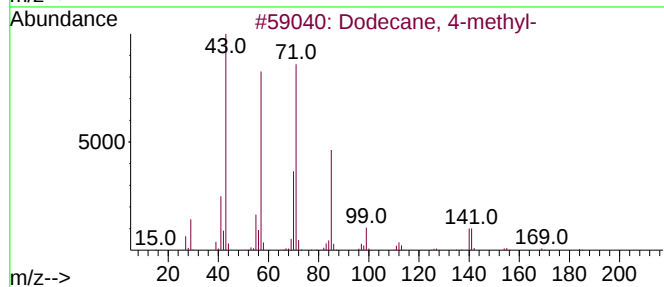
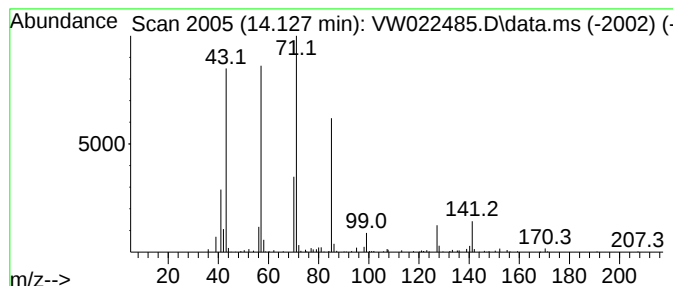
Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.127	4.73 ug/L	283954	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-		184	C13H28	006117-97-1	78
2	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	72
3	Decane, 2,3,7-trimethyl-		184	C13H28	062238-13-5	72
4	Undecane, 4,8-dimethyl-		184	C13H28	017301-33-6	72
5	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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

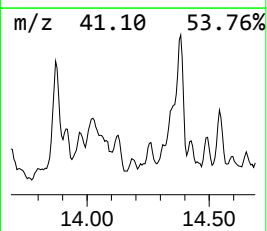
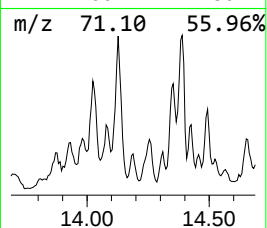
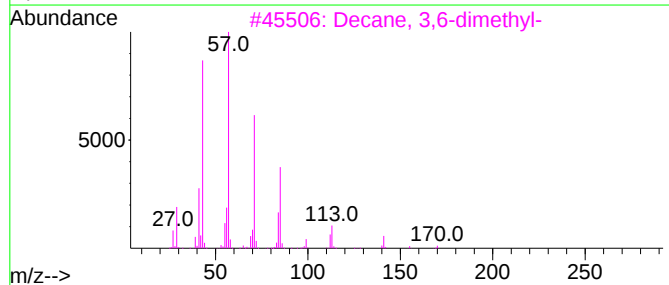
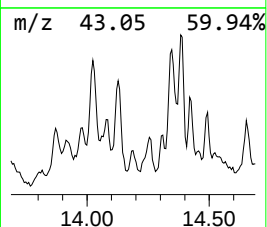
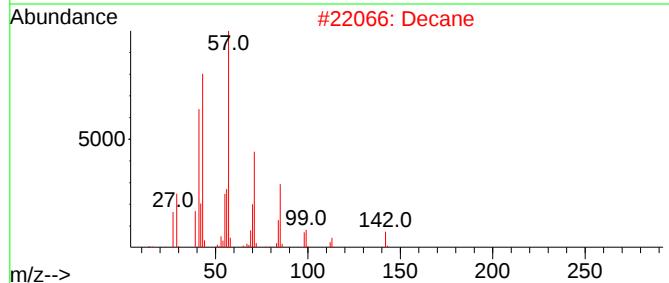
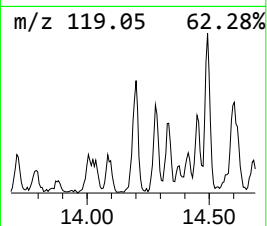
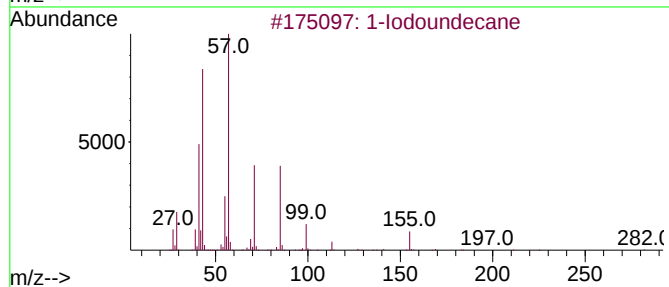
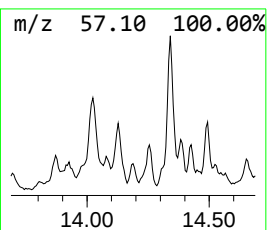
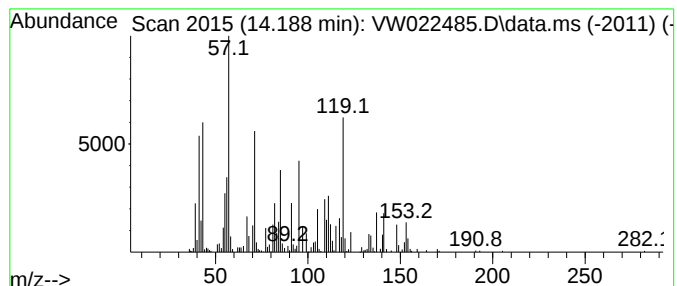
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-02

Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	3.52 ug/L	211429	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodoundecane	282	C11H23I	004282-44-4	25
2			Decane	142	C10H22	000124-18-5	25
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	20
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	18
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

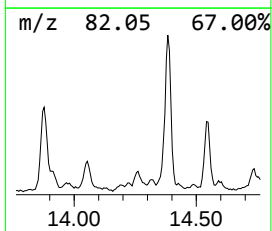
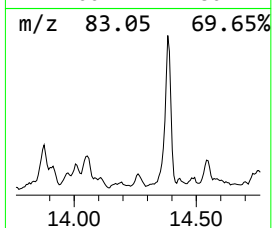
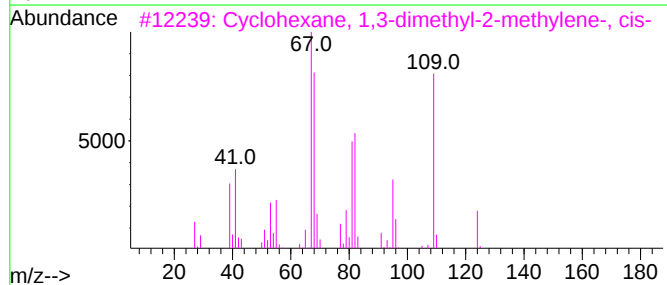
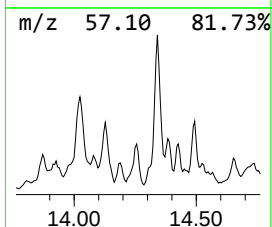
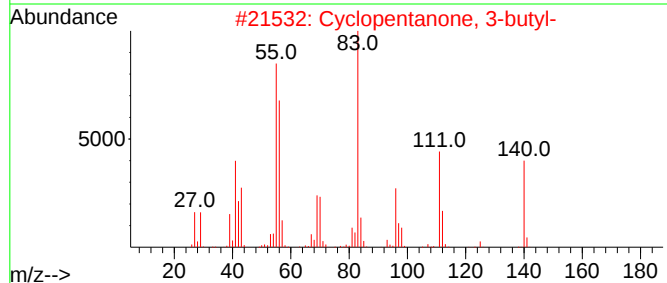
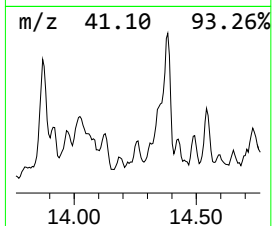
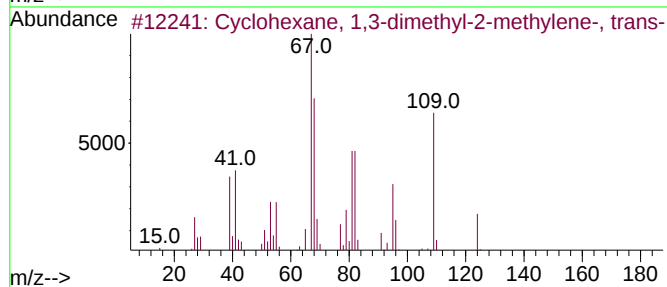
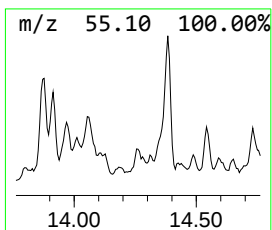
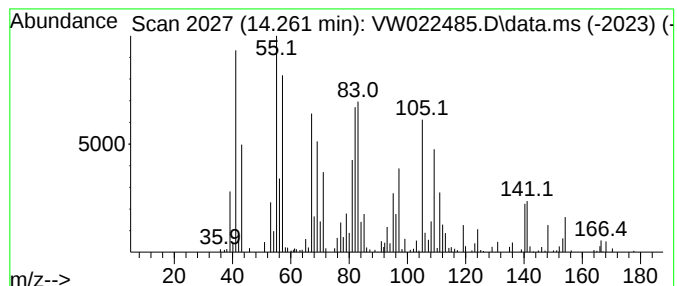
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Quant Title : SFAM01.0

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

Peak Number 22 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	4.59 ug/L	275737	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	41
2			Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	35
3			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	30
4			8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	30
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

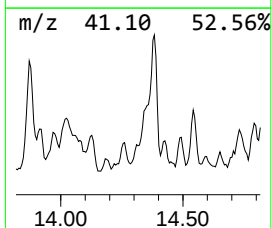
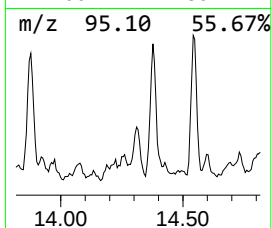
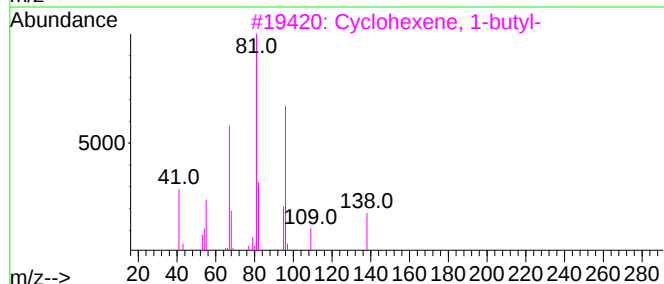
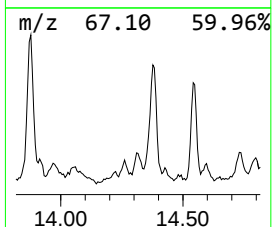
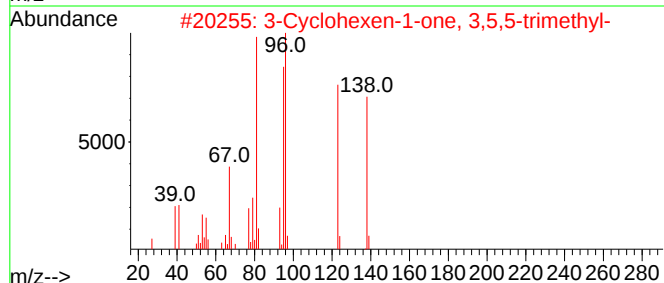
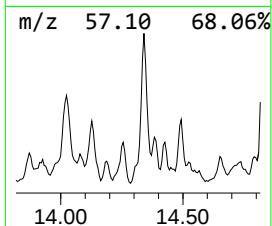
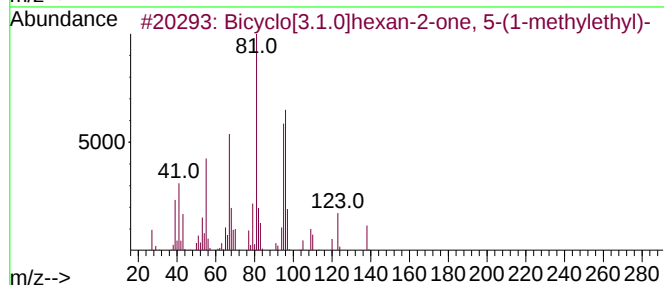
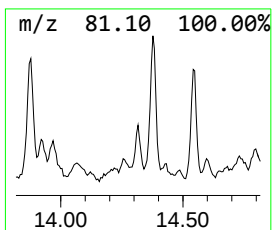
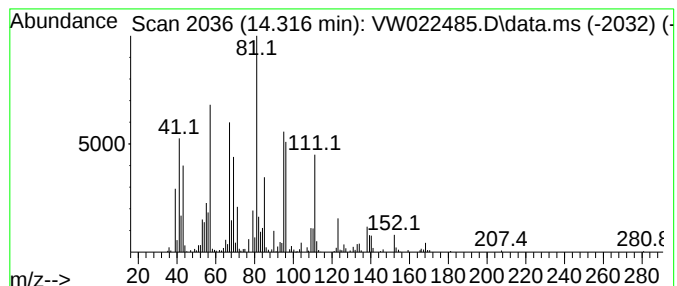
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TIC Integration Parameters: LSCINT.P

Peak Number 23 Bicyclo[3.1.0]hexan-2-one, ... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	3.24 ug/L	194348	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	90
2			3-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000471-01-2	62
3			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	53
4			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
5			Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

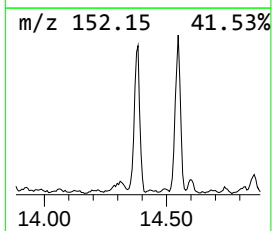
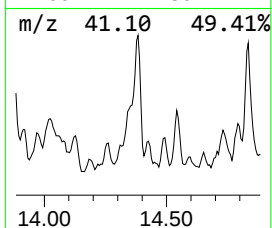
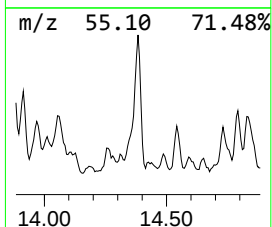
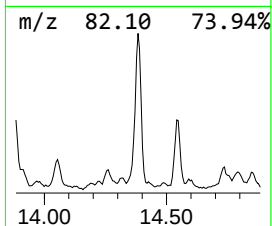
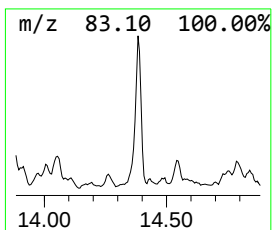
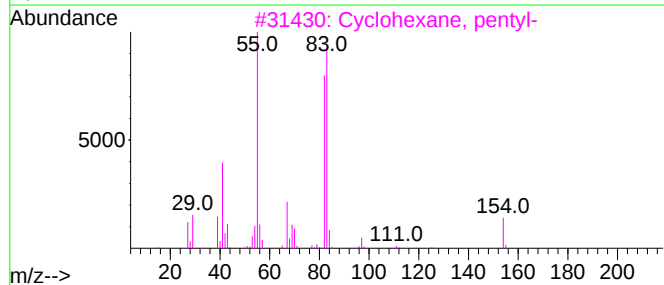
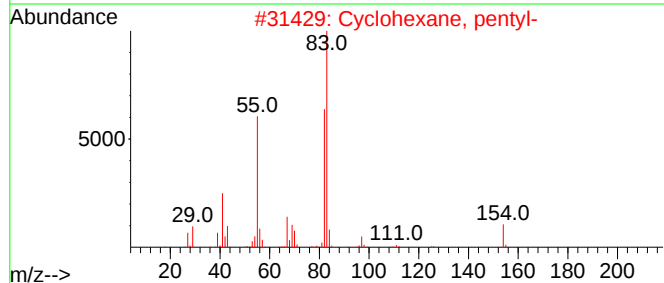
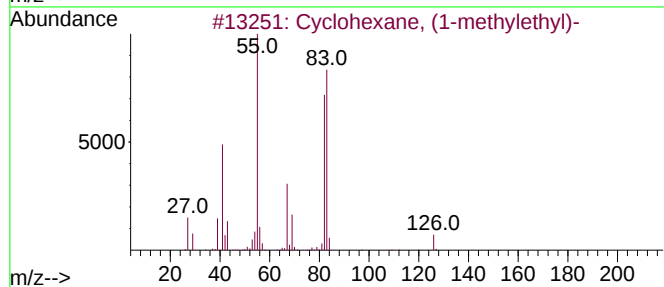
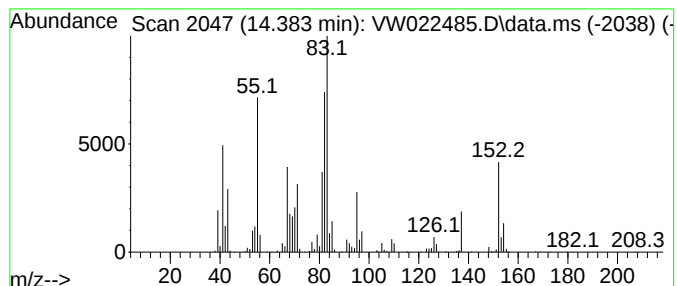
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic14.383 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	28.69 ug/L	1721650	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	47
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

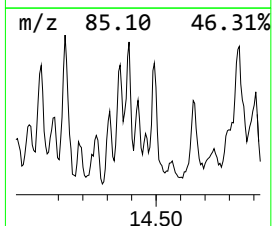
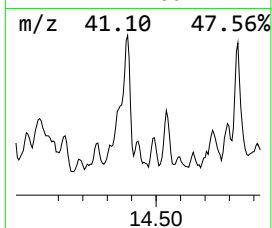
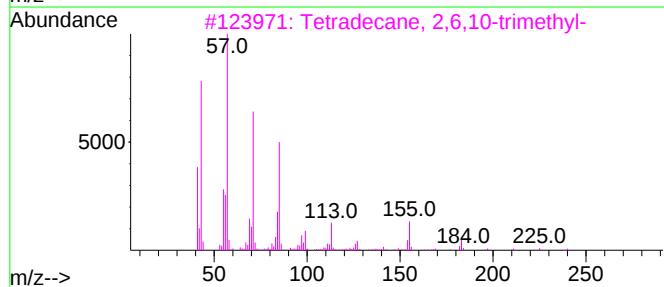
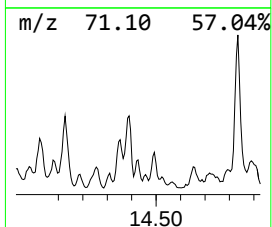
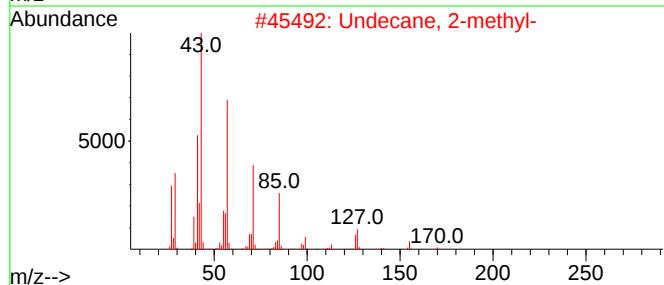
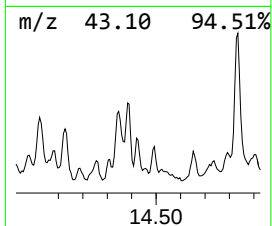
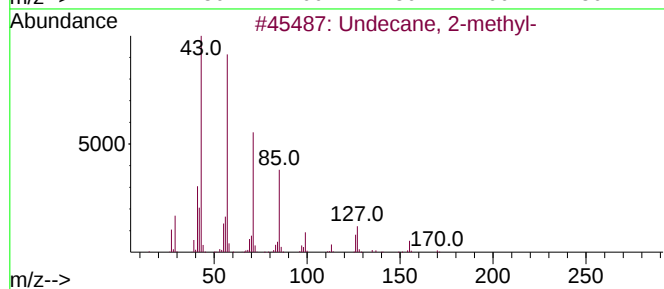
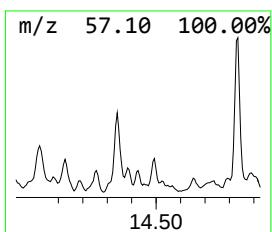
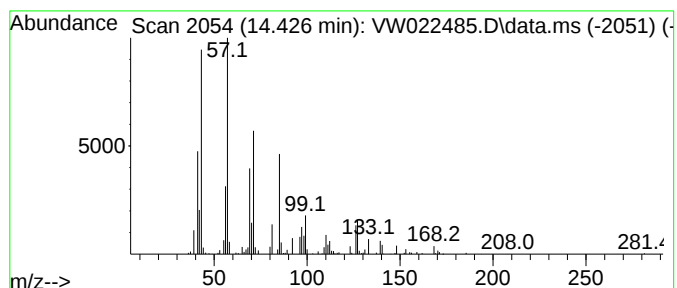
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.426	2.14 ug/L	128212	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	90
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53
4			Octacosane	394	C28H58	000630-02-4	53
5			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

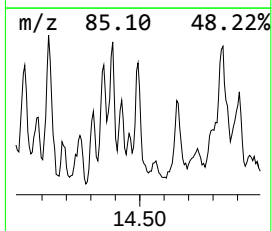
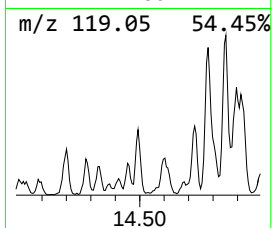
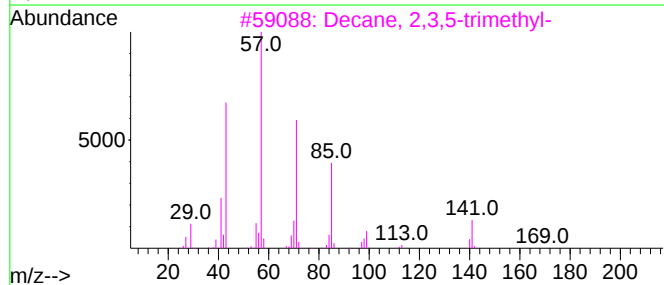
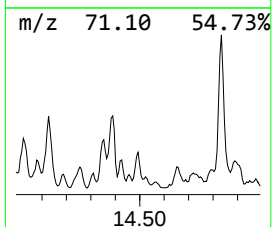
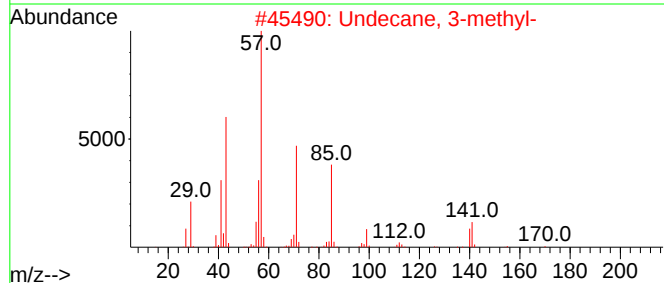
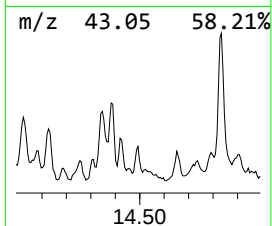
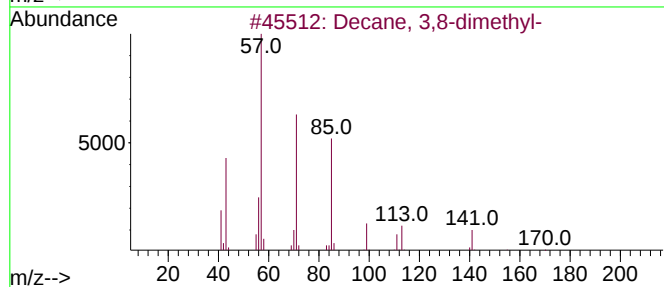
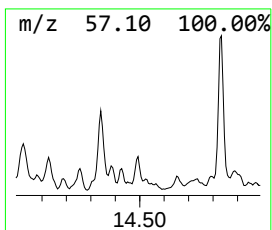
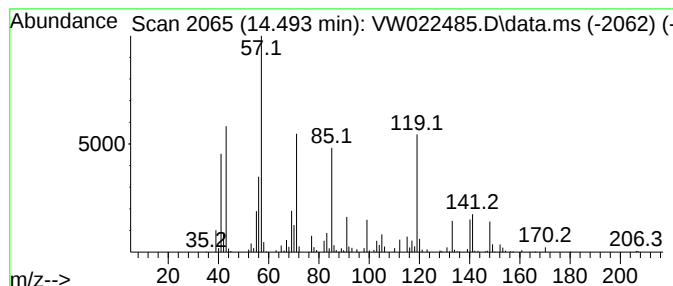
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	3.14 ug/L	188552	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

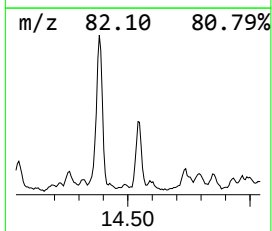
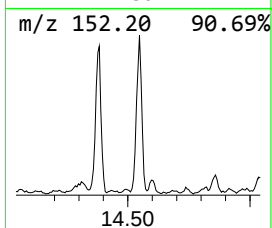
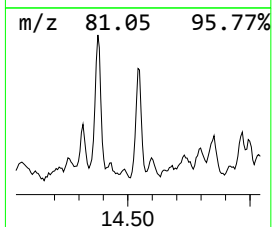
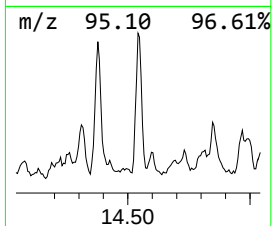
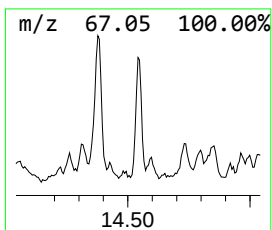
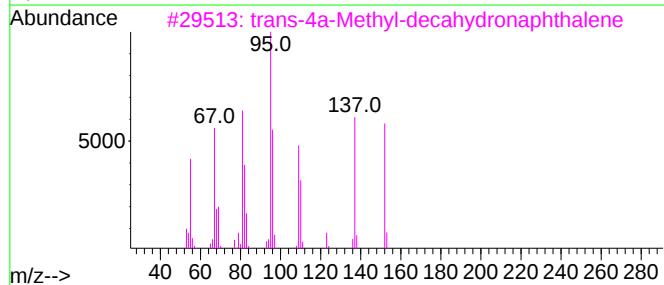
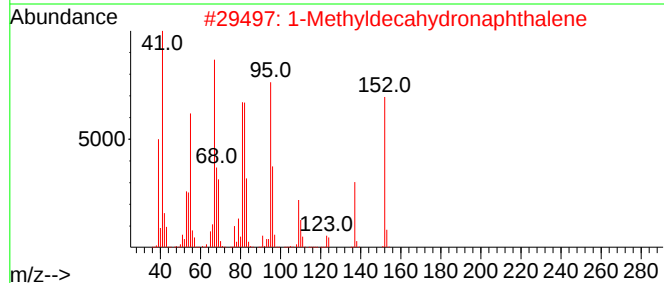
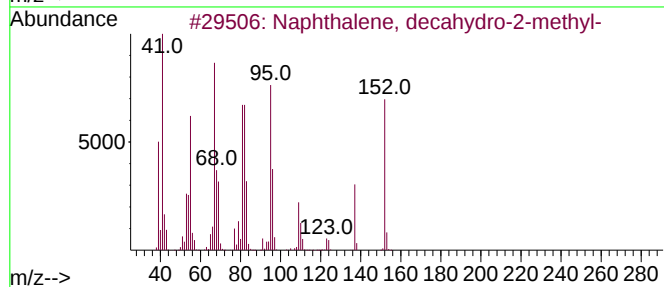
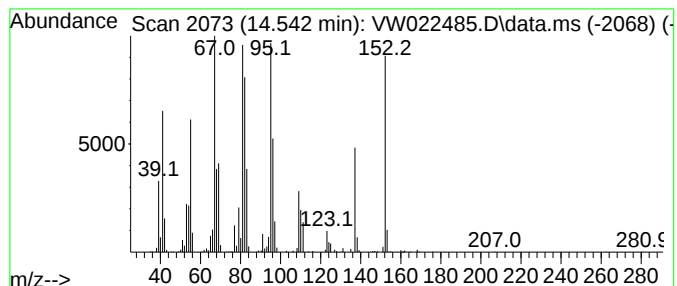
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Quant Title : SFAM01.0

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

Peak Number 27 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	10.17 ug/L	610547	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	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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

TIC Library : C:\Database\NIST20.L

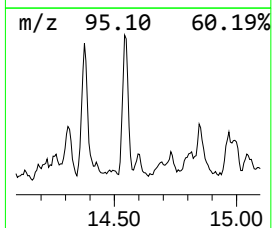
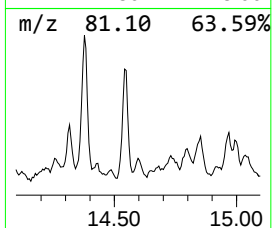
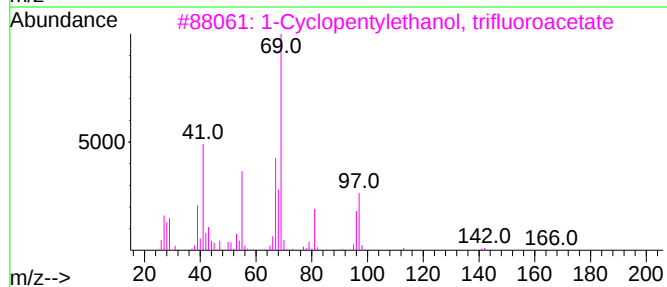
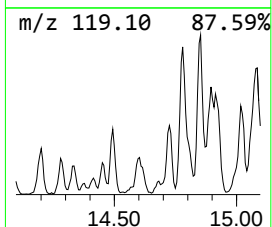
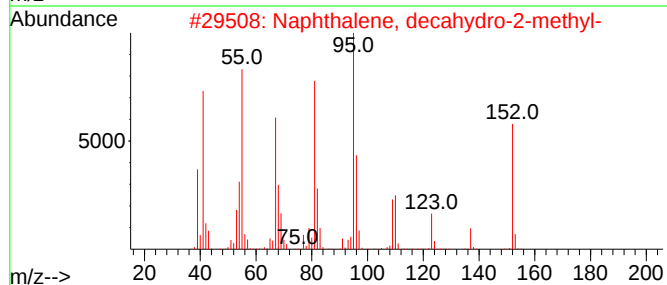
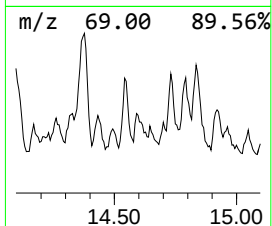
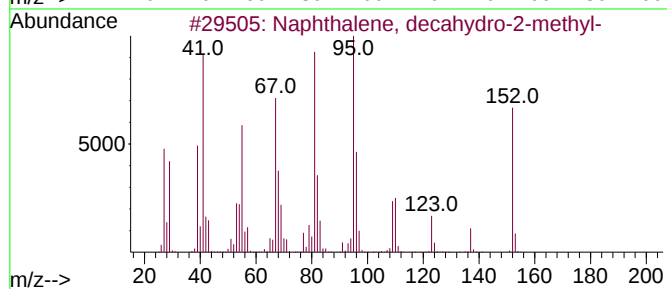
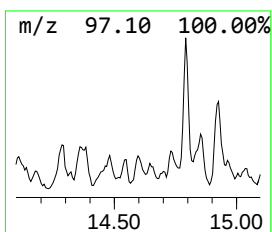
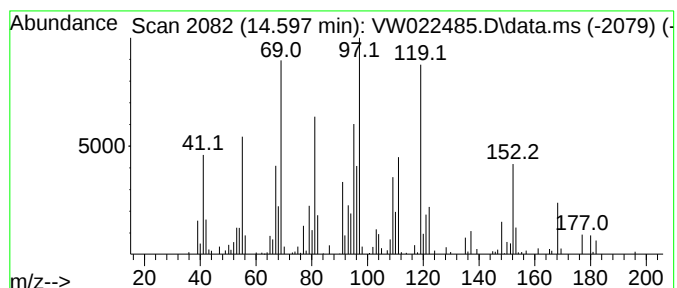
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-04

Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.597	1.68 ug/L	101089	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	25
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	25
3			1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	22
4			4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	18
5			1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	1000141-71-1	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

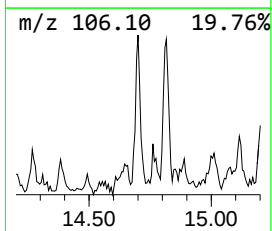
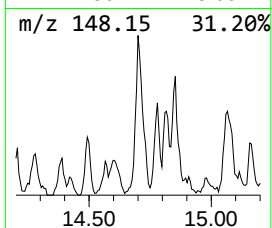
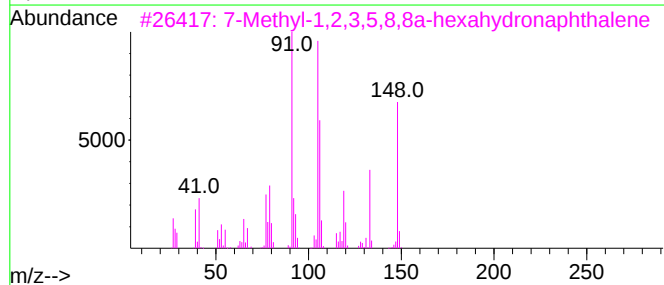
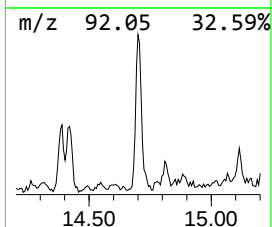
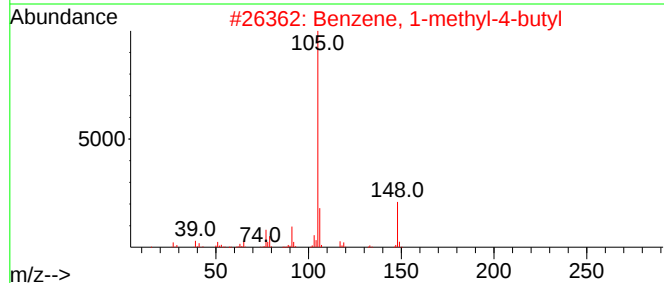
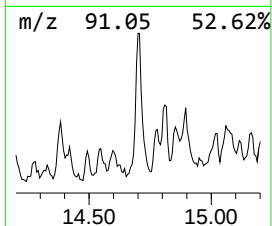
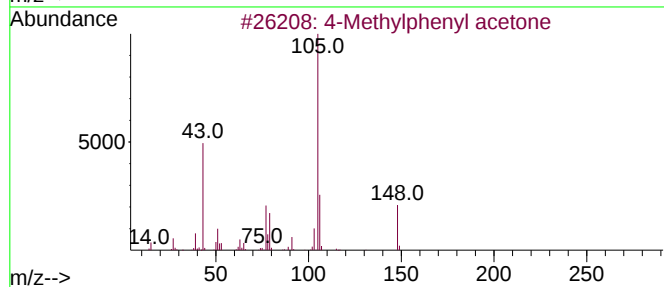
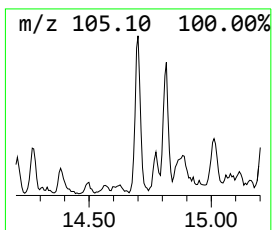
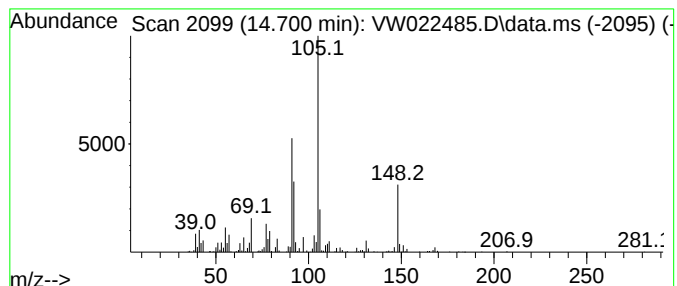
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Quant Title : SFAM01.0

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

Peak Number 29 4-Methylphenyl acetone Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.700	2.99 ug/L	179706	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylphenyl acetone	148	C10H12O	002096-86-8	60
2			Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	58
3			7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	50
4			7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	50
5			2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

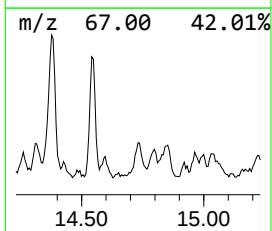
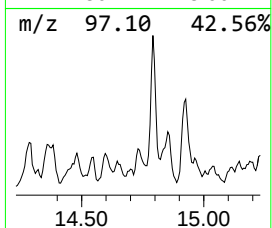
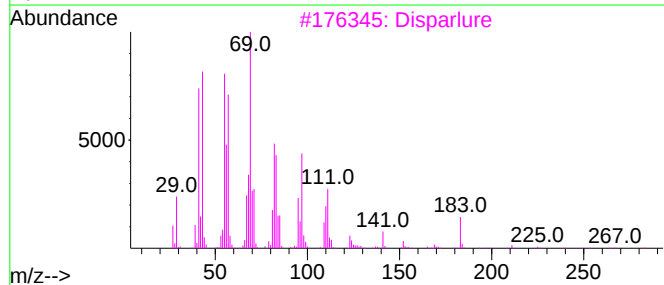
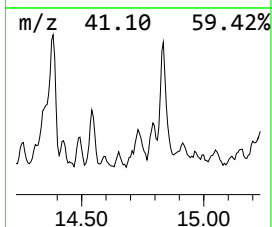
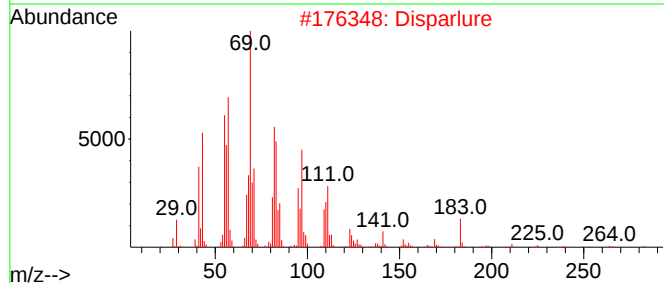
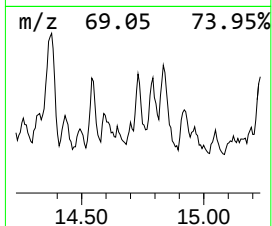
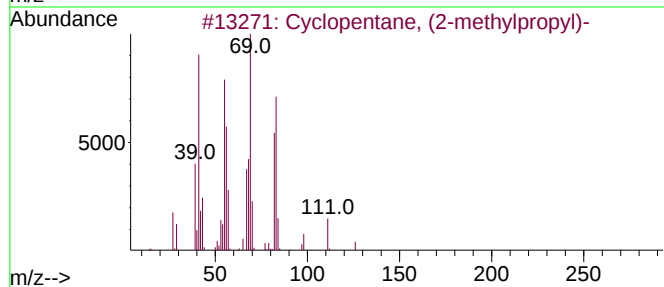
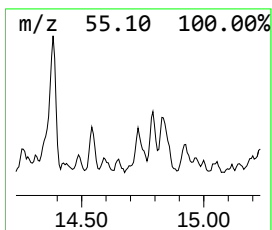
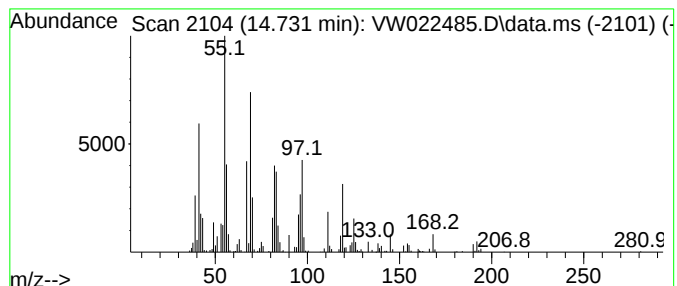
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic14.731 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	4.39 ug/L	263690	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	60
2			Disparlure	282	C19H38O	029804-22-6	53
3			Disparlure	282	C19H38O	029804-22-6	53
4			Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	43
5			Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

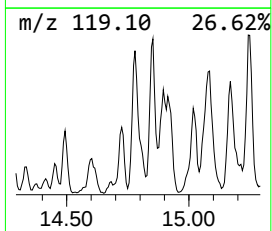
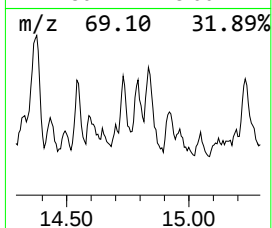
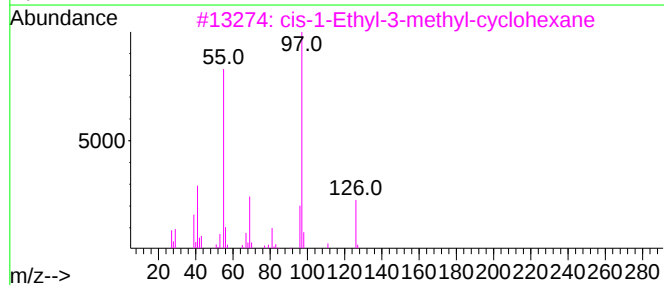
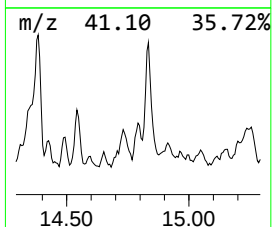
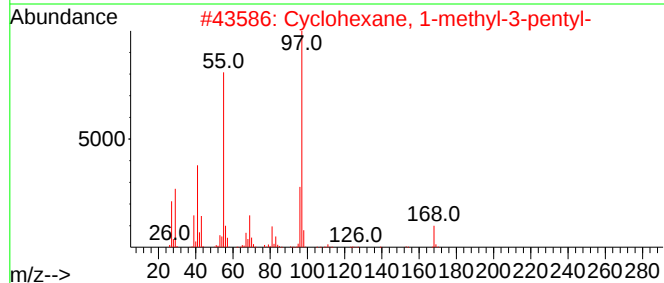
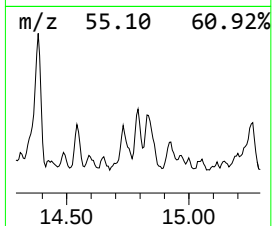
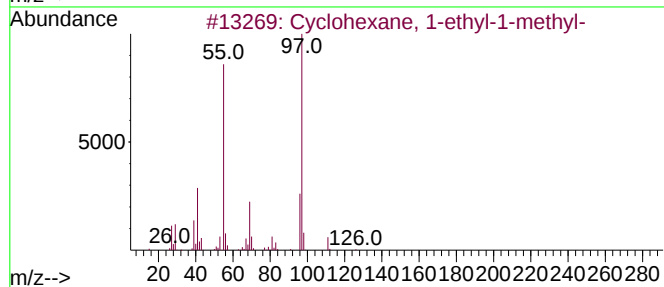
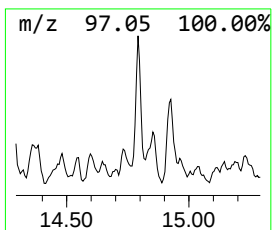
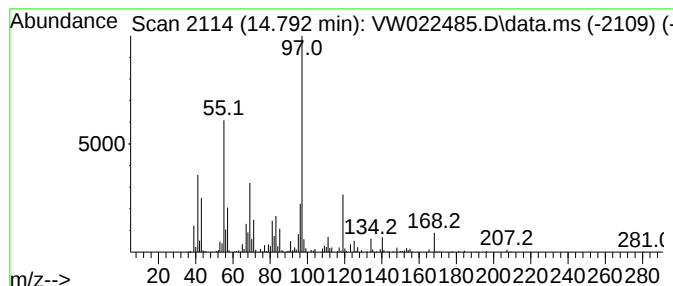
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Cyclic14.792 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	6.90 ug/L	414110	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	50
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

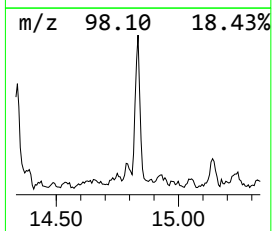
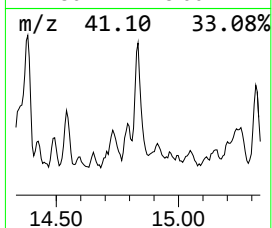
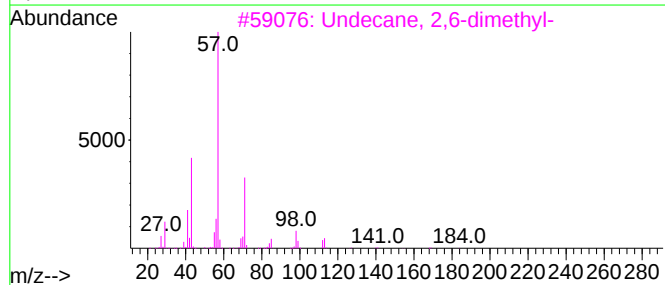
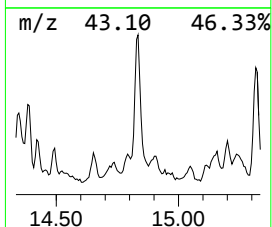
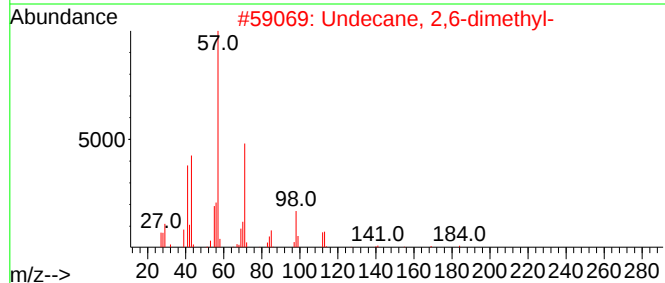
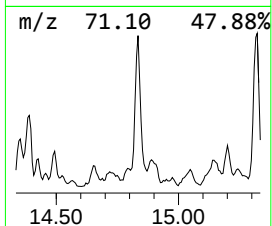
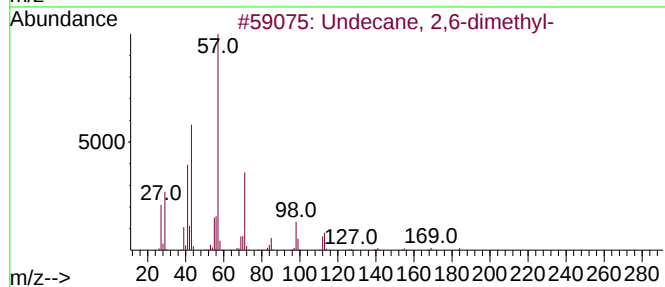
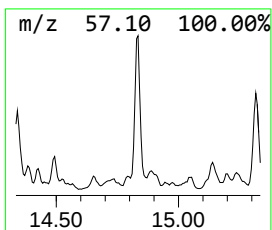
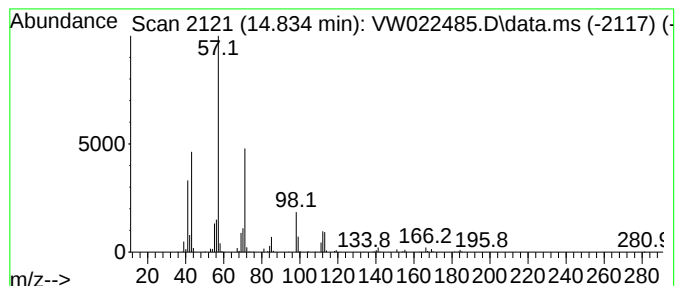
Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.834	16.03 ug/L	961957	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	91
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	83
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	80
4	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

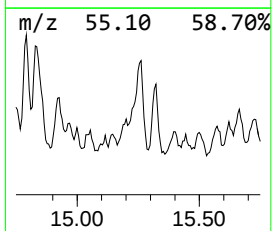
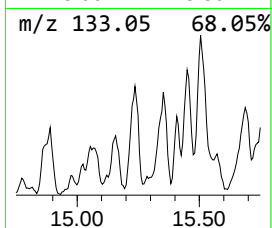
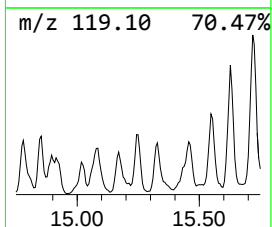
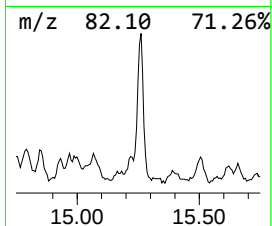
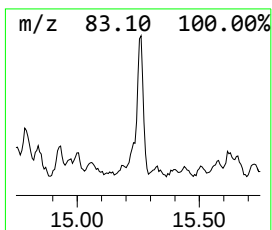
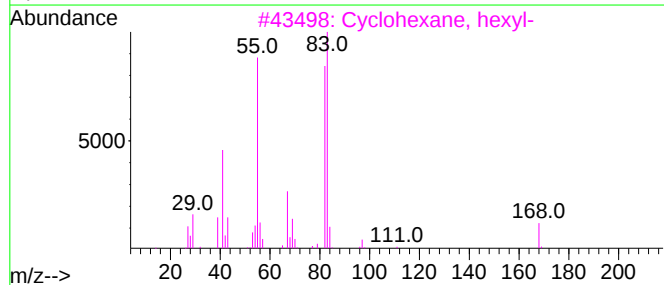
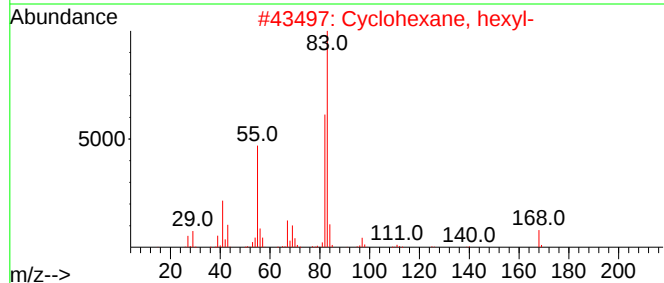
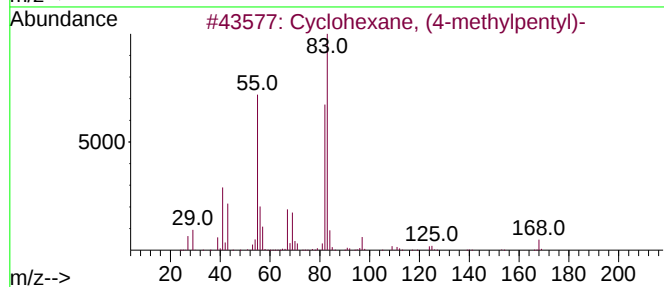
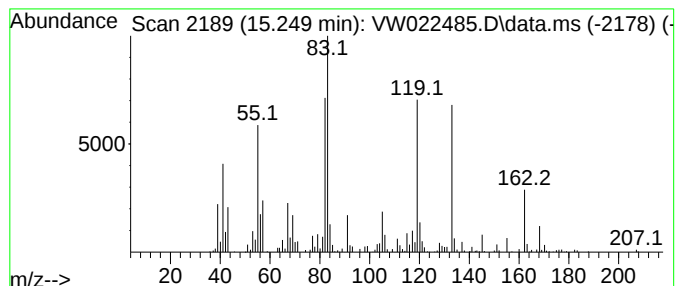
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic15.249 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	16.87 ug/L	1012290	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5			n-Pentadecylcyclohexane	294	C21H42	006006-95-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

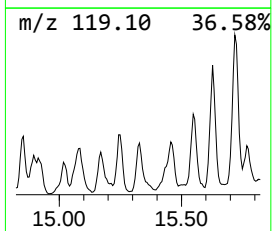
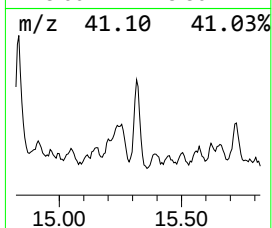
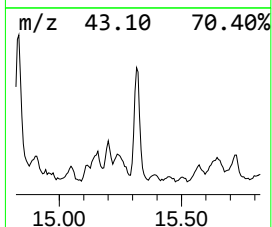
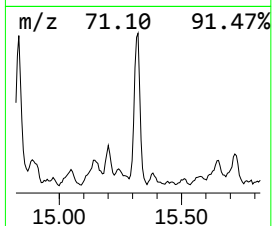
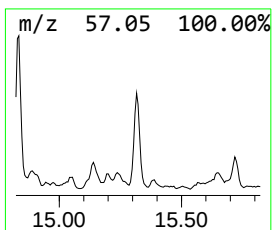
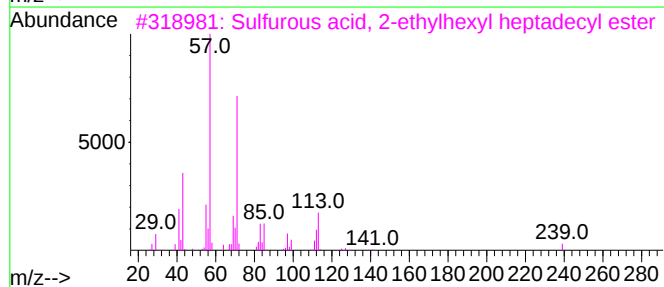
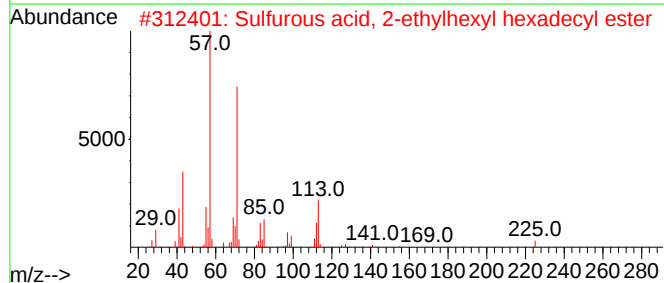
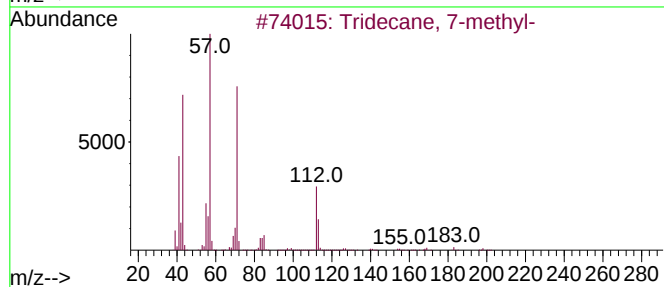
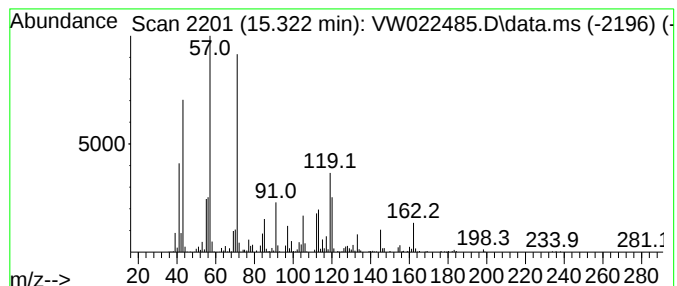
Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.322	15.33 ug/L	919988	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
2	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	58
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	53
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

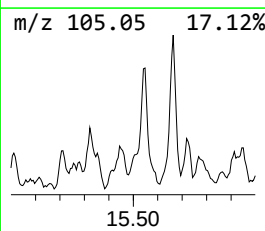
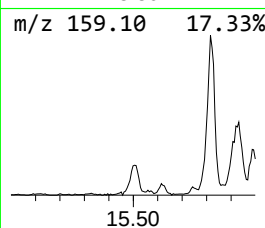
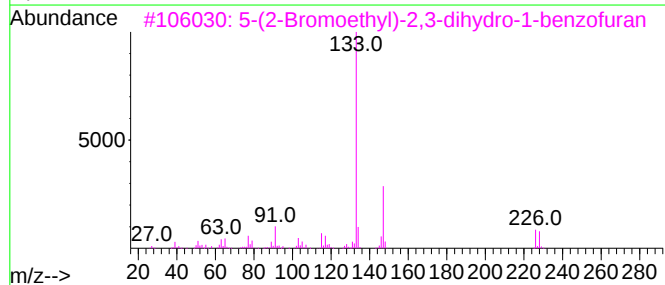
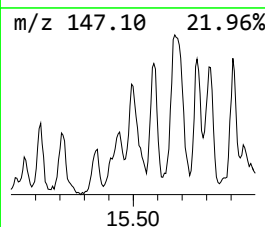
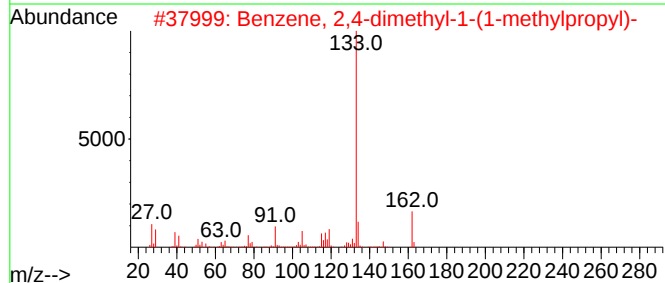
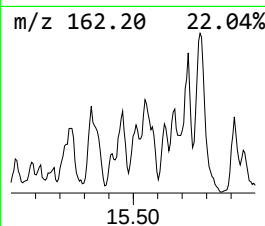
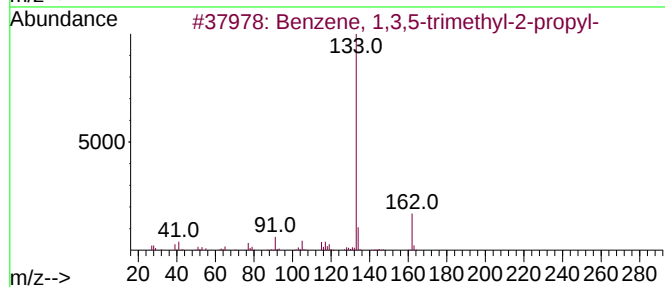
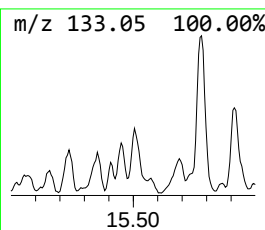
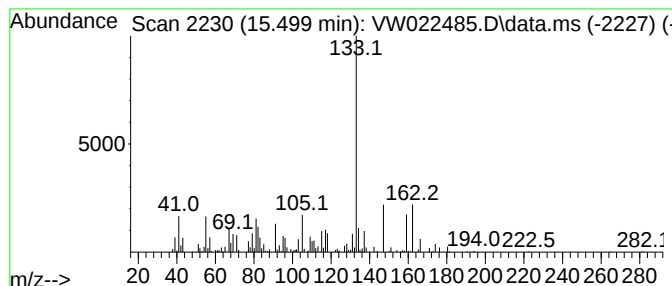
Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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Quant Title : SFAM01.0

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

Peak Number 35 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.499	3.93 ug/L	235802	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-propyl-		162	C12H18	004810-04-2	70
2	Benzene, 2,4-dimethyl-1-(1-methyl-2-propyl)-		162	C12H18	001483-60-9	58
3	5-(2-Bromoethyl)-2,3-dihydro-1-benzofuran		226	C10H11BrO	127264-14-6	53
4	Benzene, (1-ethyl-1-methylpropyl)-		162	C12H18	001985-97-3	50
5	2'-Ethylpropiophenone		162	C11H14O	016819-79-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

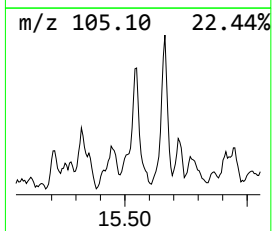
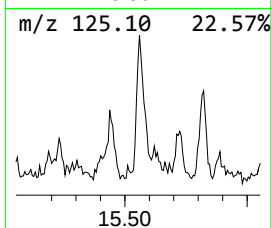
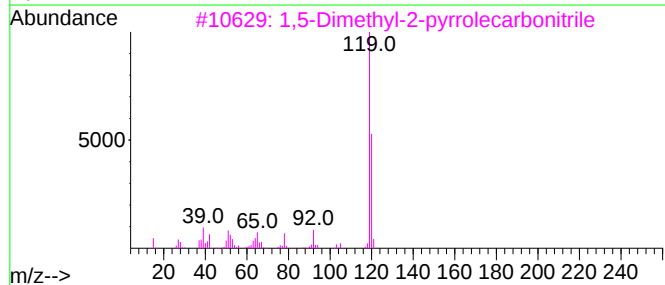
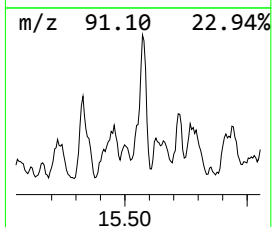
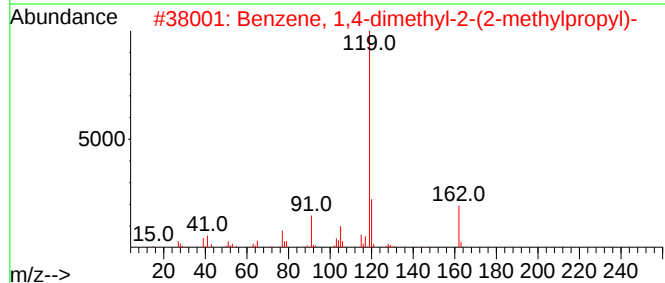
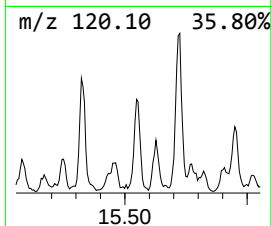
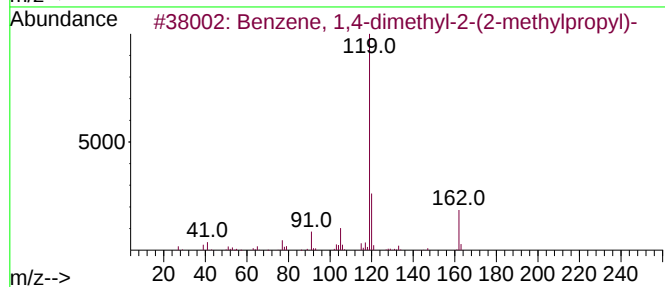
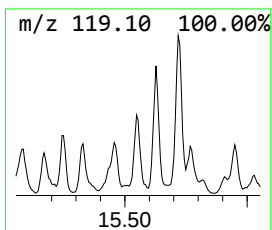
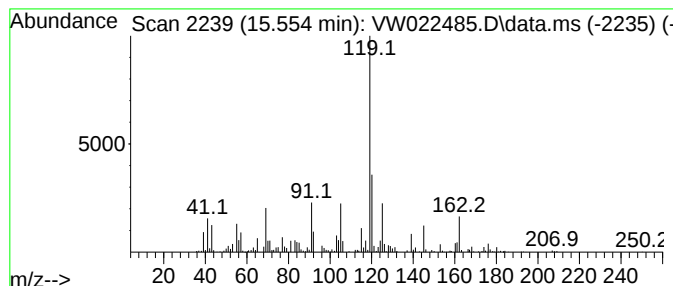
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Quant Title : SFAM01.0

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

Peak Number 36 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.554	3.25 ug/L	194818	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	70
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	49
3			1,5-Dimethyl-2-pyrrolicarbonitrile	120	C7H8N2	056341-36-7	47
4			2,4-imidazolidinedione, 3-phenyl-	176	C9H8N2O2	1000404-72-6	47
5			Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

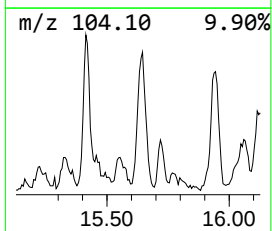
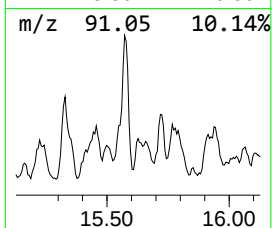
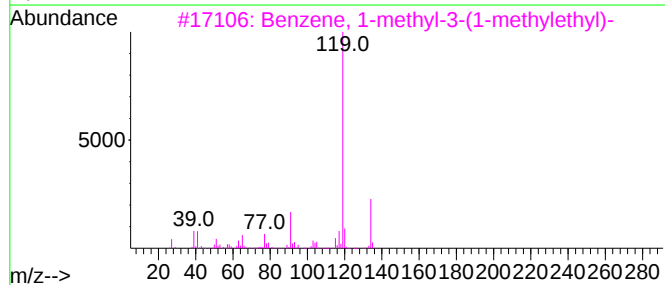
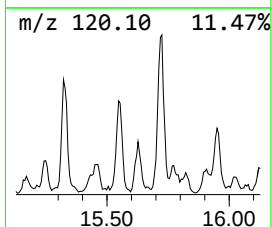
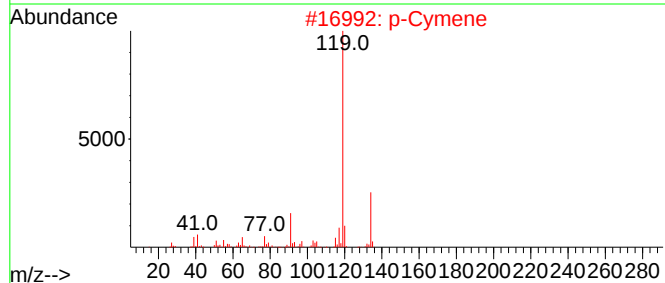
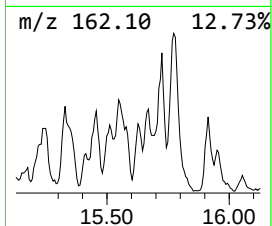
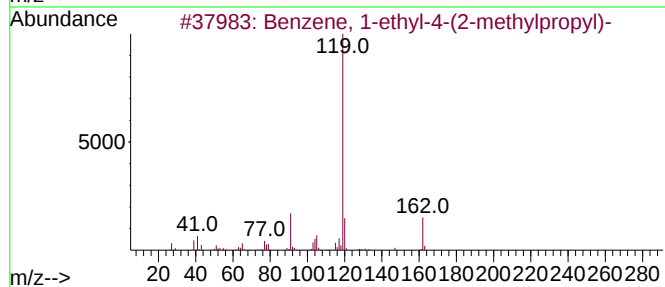
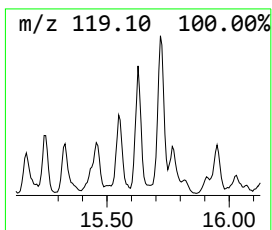
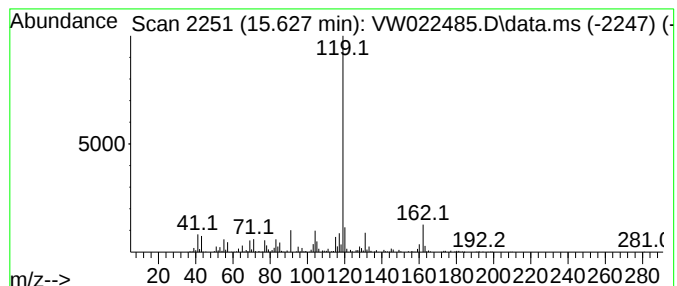
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Quant Title : SFAM01.0

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

Peak Number 37 Benzene, 1-ethyl-4-(2-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	4.96 ug/L	297546	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	78
2			p-Cymene	134	C10H14	000099-87-6	72
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

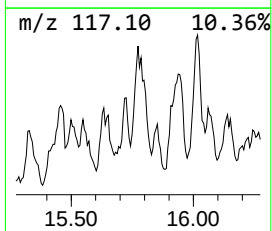
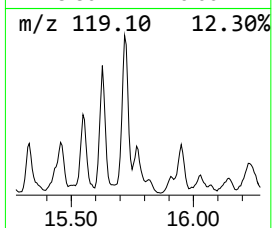
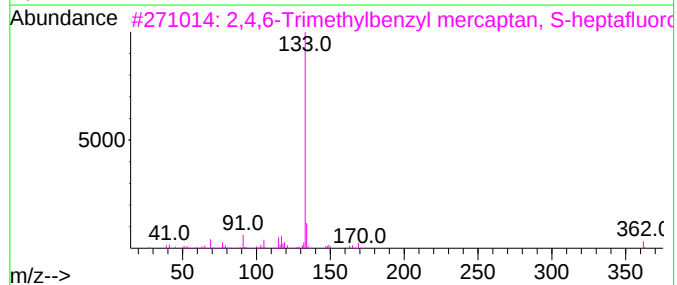
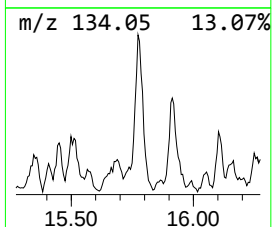
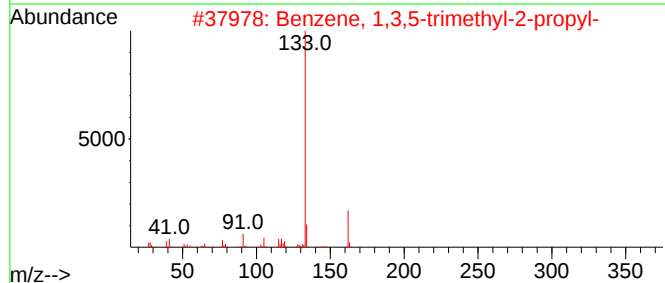
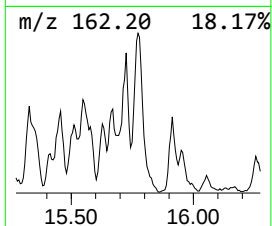
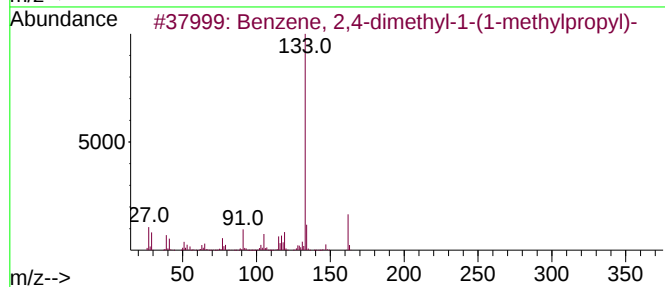
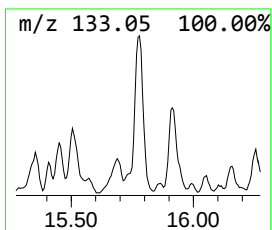
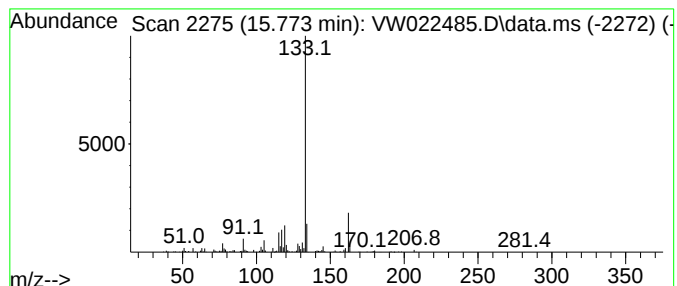
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.773	3.81 ug/L	228715	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	87
2		Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	72
3		2,4,6-Trimethylbenzyl mercaptan,...	362	C14H13F7OS	1000469-60-5	64
4		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	64
5		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

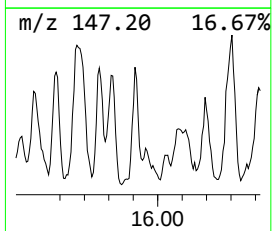
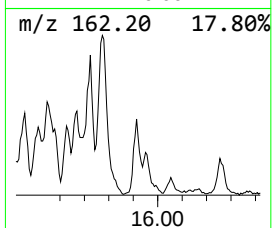
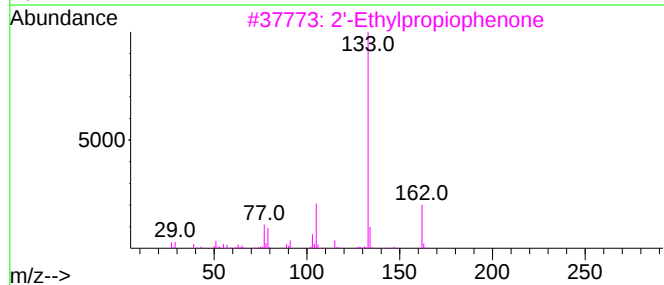
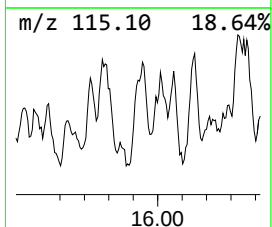
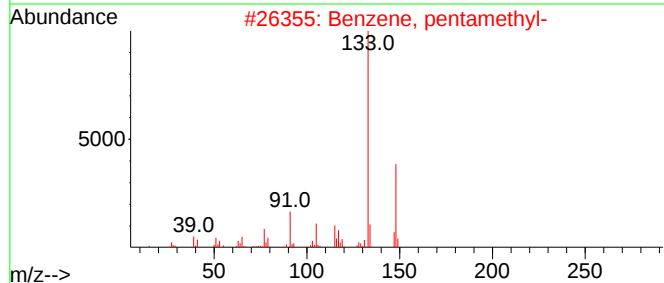
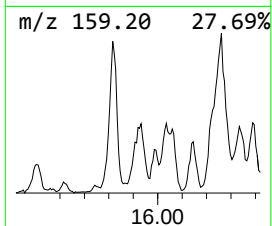
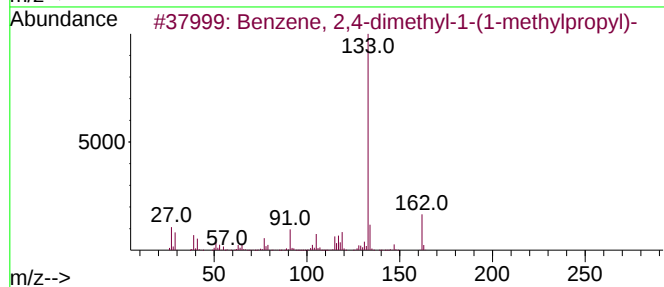
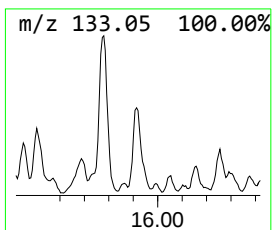
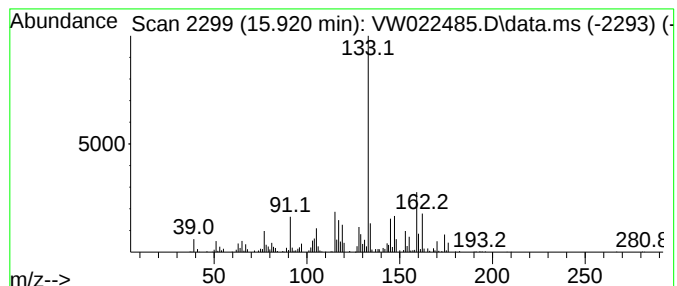
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	6.61 ug/L	396808	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	52
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	49
3			2'-Ethylpropiophenone	162	C11H14O	016819-79-7	46
4			1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	46
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

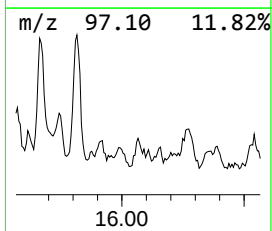
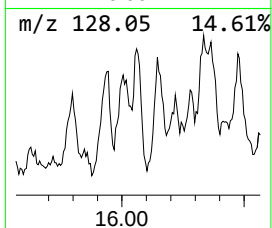
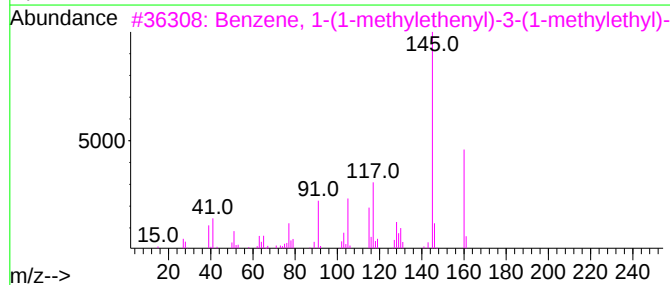
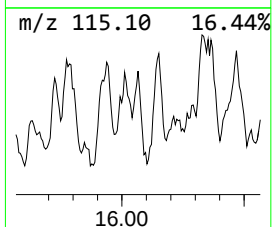
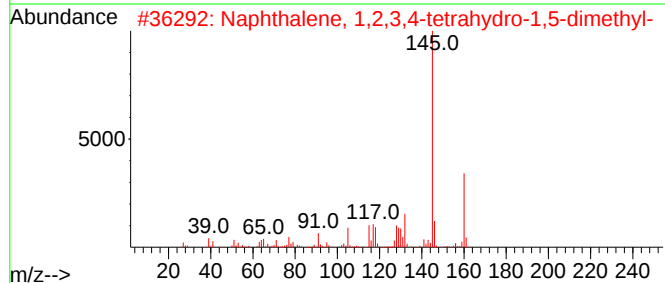
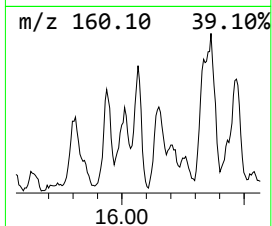
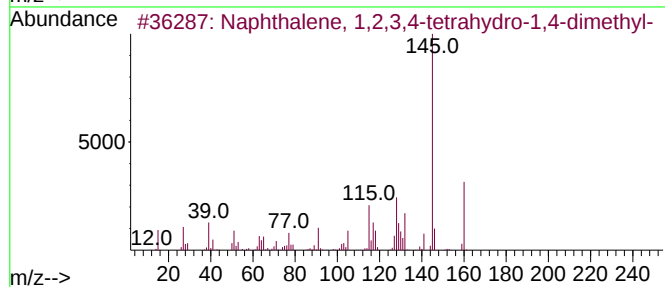
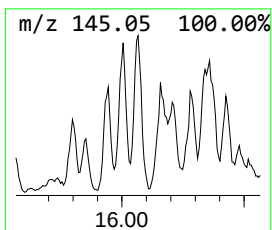
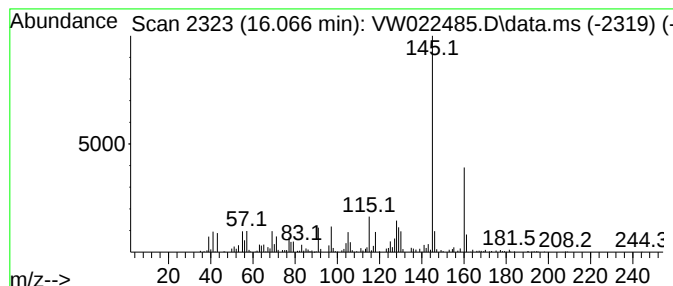
Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

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 41 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.066	5.35 ug/L	320872	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	004175-54-6	90
2	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	021564-91-0	90
3	Benzene, 1-(1-methylethenyl)-3-(...		160	C12H16	001129-29-9	87
4	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	025419-33-4	83
5	1H-Indene, 2,3-dihydro-1,1,3-tri...		160	C12H16	002613-76-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

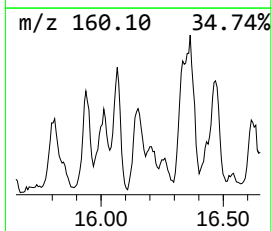
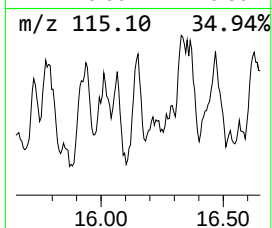
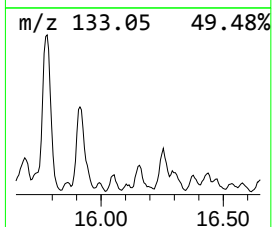
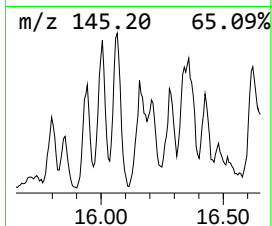
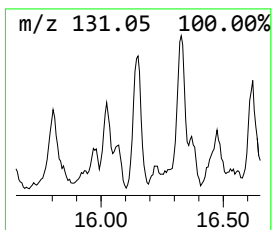
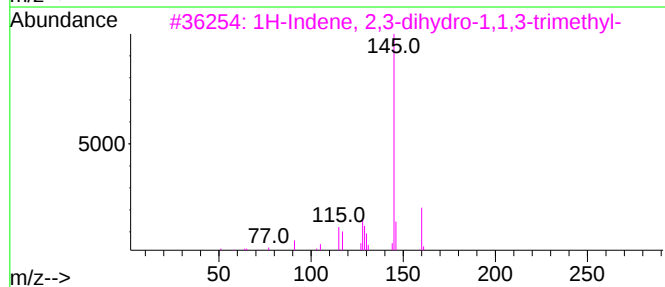
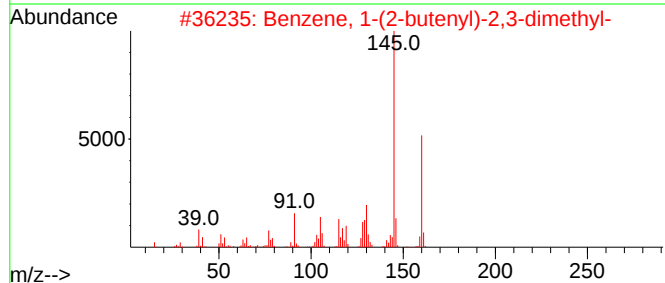
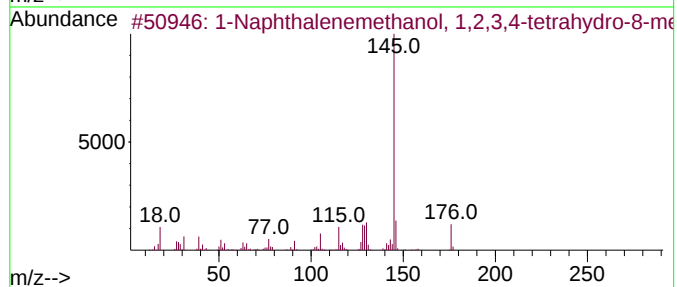
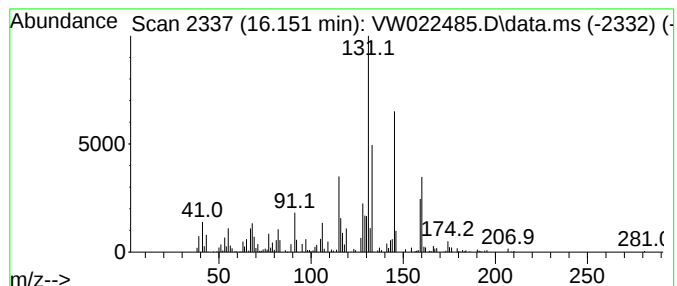
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Quant Title : SFAM01.0

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

Peak Number 42 1-Naphthalenemethanol, 1,2,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	6.00 ug/L	359852	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	72
2			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	42
3			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	41
4			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	38
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

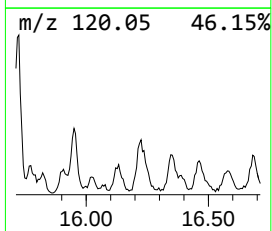
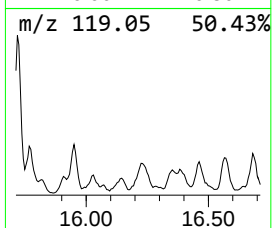
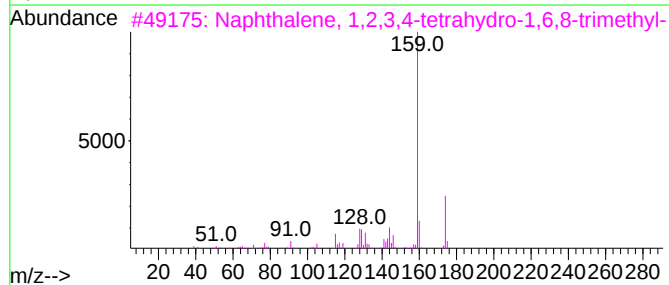
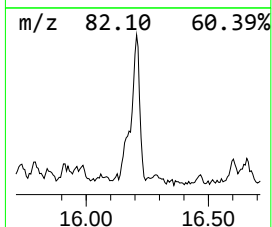
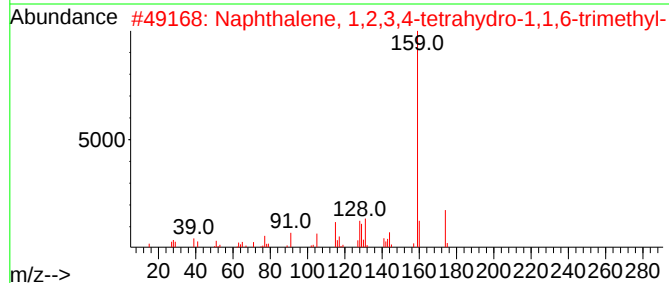
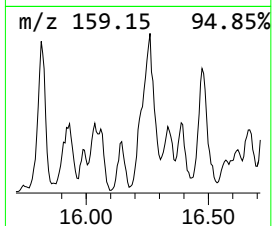
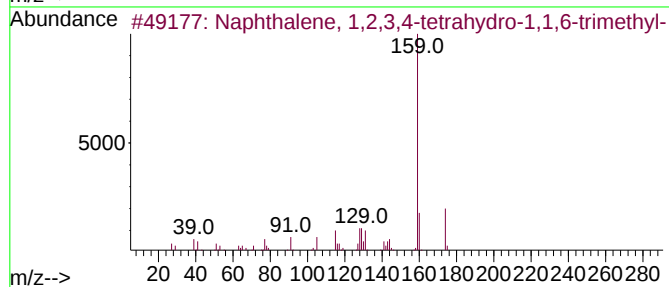
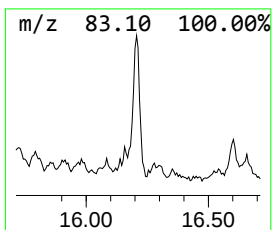
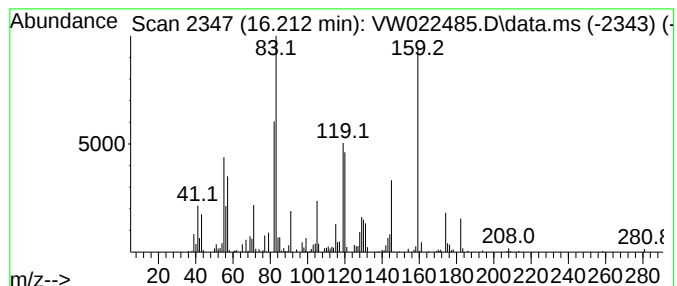
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Quant Title : SFAM01.0

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

Peak Number 43 unknown-06 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	3.52 ug/L	210968	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	48
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	35
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	35
4			1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	20
5			1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

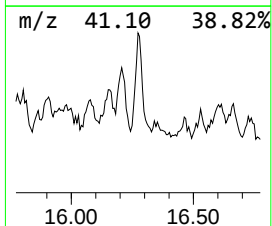
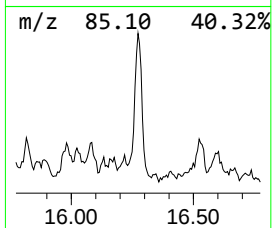
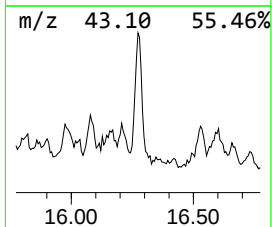
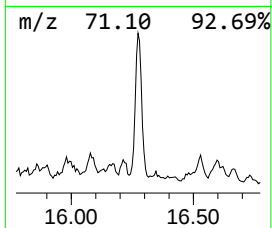
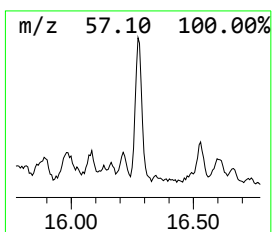
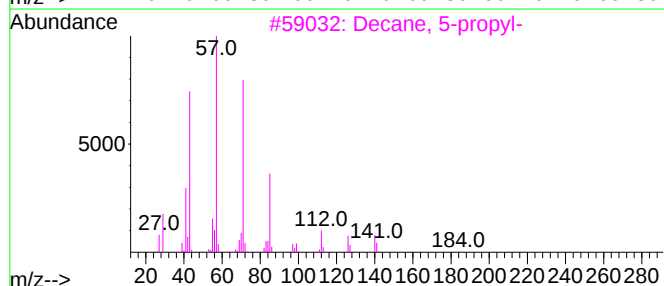
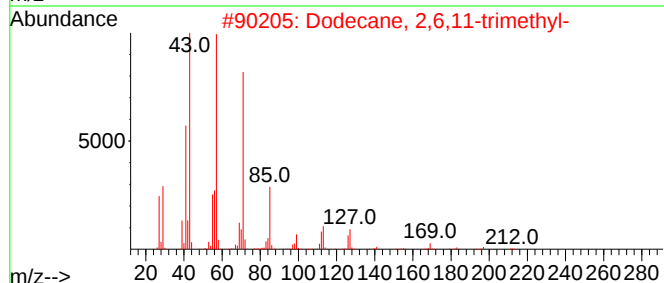
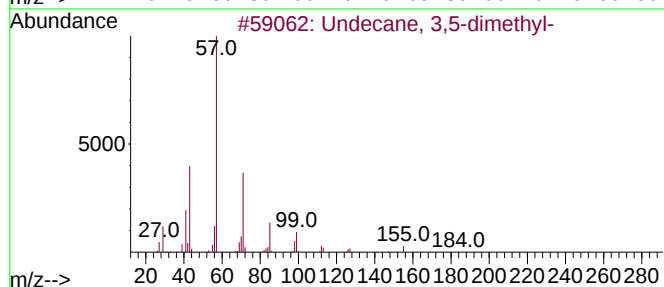
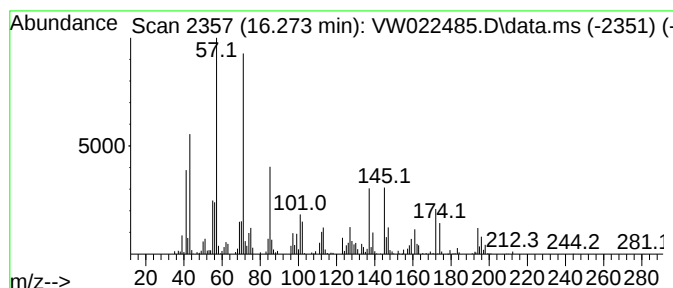
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	11.65 ug/L	699322	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	46
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	46
3		Decane, 5-propyl-	184	C13H28	017312-62-8	46
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	46
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022485.D
Acq On : 11 Apr 2022 16:09
Operator : SY/VA
Sample : N2316-06
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ4

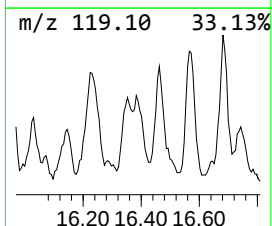
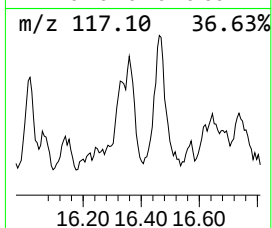
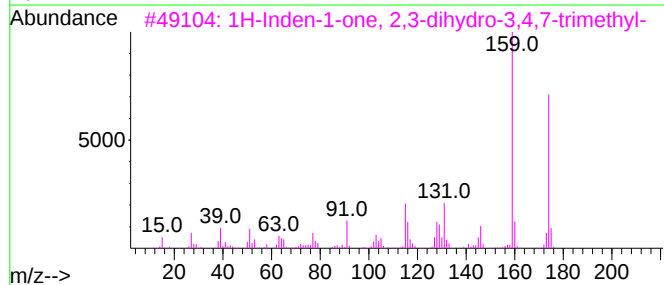
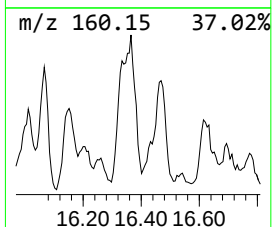
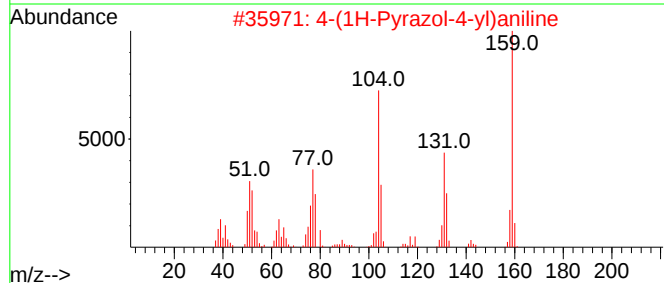
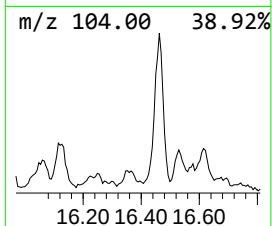
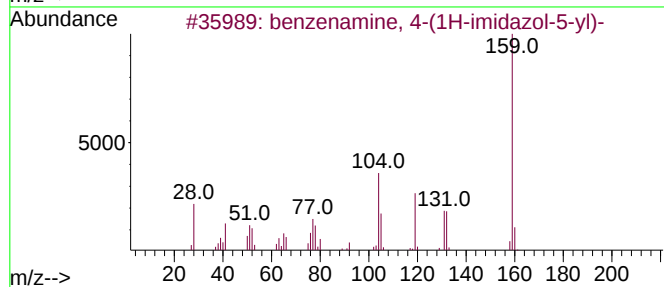
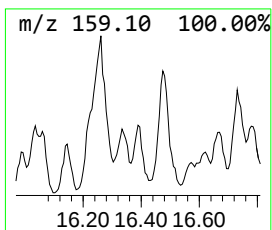
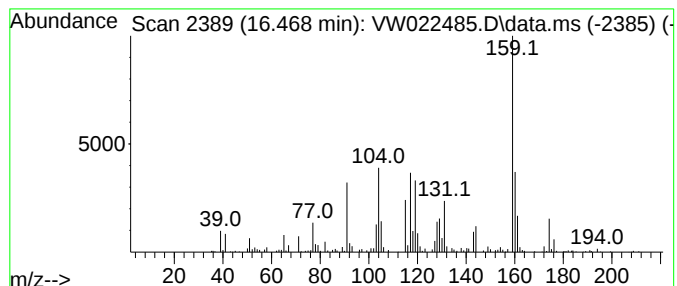
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 45 benzenamine, 4-(1H-imidazol... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.468	5.33 ug/L	319916	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			benzenamine, 4-(1H-imidazol-5-yl)-	159	C9H9N3	1000404-37-6	50
2			4-(1H-Pyrazol-4-yl)aniline	159	C9H9N3	114474-28-1	47
3			1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	43
4			1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	43
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022485.D
 Acq On : 11 Apr 2022 16:09
 Operator : SY/VA
 Sample : N2316-06
 Misc : 6.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ4

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	72.2	ug/L	2987880	1	8.842	1035110	25.0
unknown-01	2.495	4.0	ug/L	165085	1	8.842	1035110	25.0
(DEL) Alkane: S...	8.695	2.5	ug/L	104919	1	8.842	1035110	25.0
(DEL) Alkane: C...	9.750	1.7	ug/L	69760	1	8.842	1035110	25.0
(DEL) Alkane: S...	9.896	5.9	ug/L	244519	1	8.842	1035110	25.0
(DEL) Alkane: S...	9.957	34.9	ug/L	1442810	1	8.842	1035110	25.0
(DEL) Alkane: S...	10.098	30.4	ug/L	1259770	1	8.842	1035110	25.0
Benzene, bromo-	12.743	2.6	ug/L	157877	3	13.554	1500370	25.0
(DEL) Alkane: C...	12.774	2.7	ug/L	162468	3	13.554	1500370	25.0
(DEL) Alkane: C...	12.859	1.6	ug/L	97685	3	13.554	1500370	25.0
(DEL) Alkane: C...	13.079	1.9	ug/L	111947	3	13.554	1500370	25.0
(DEL) Alkane: C...	13.121	1.6	ug/L	92809	3	13.554	1500370	25.0
(DEL) Alkane: S...	13.158	6.5	ug/L	389136	3	13.554	1500370	25.0
1-Octadecanesul...	13.341	1.8	ug/L	106013	3	13.554	1500370	25.0
(DEL) Alkane: C...	13.444	14.5	ug/L	871394	3	13.554	1500370	25.0
(DEL) Alkane: C...	13.694	4.5	ug/L	270719	3	13.554	1500370	25.0
Cyanamide, dibu...	13.975	3.3	ug/L	196326	3	13.554	1500370	25.0
(DEL) Alkane: S...	14.024	3.1	ug/L	189257	3	13.554	1500370	25.0
(DEL) Alkane: S...	14.127	4.7	ug/L	283954	3	13.554	1500370	25.0
unknown-02	14.188	3.5	ug/L	211429	3	13.554	1500370	25.0
unknown-03	14.261	4.6	ug/L	275737	3	13.554	1500370	25.0
Bicyclo[3.1.0]h...	14.316	3.2	ug/L	194348	3	13.554	1500370	25.0
(DEL) Alkane: C...	14.383	28.7	ug/L	1721650	3	13.554	1500370	25.0
(DEL) Alkane: S...	14.426	2.1	ug/L	128212	3	13.554	1500370	25.0
(DEL) Alkane: S...	14.493	3.1	ug/L	188552	3	13.554	1500370	25.0
Naphthalene, de...	14.542	10.2	ug/L	610547	3	13.554	1500370	25.0
unknown-04	14.597	1.7	ug/L	101089	3	13.554	1500370	25.0
4-Methylphenyl ...	14.700	3.0	ug/L	179706	3	13.554	1500370	25.0
(DEL) Alkane: C...	14.731	4.4	ug/L	263690	3	13.554	1500370	25.0
(DEL) Alkane: C...	14.792	6.9	ug/L	414110	3	13.554	1500370	25.0
(DEL) Alkane: S...	14.834	16.0	ug/L	961957	3	13.554	1500370	25.0
(DEL) Alkane: C...	15.249	16.9	ug/L	1012290	3	13.554	1500370	25.0
(DEL) Alkane: S...	15.322	15.3	ug/L	919988	3	13.554	1500370	25.0
Benzene, 1,3,5-...	15.499	3.9	ug/L	235802	3	13.554	1500370	25.0
Benzene, 1,4-di...	15.554	3.3	ug/L	194818	3	13.554	1500370	25.0
Benzene, 1-ethy...	15.627	5.0	ug/L	297546	3	13.554	1500370	25.0
Benzene, 2,4-di...	15.773	3.8	ug/L	228715	3	13.554	1500370	25.0
unknown-05	15.920	6.6	ug/L	396808	3	13.554	1500370	25.0
Naphthalene, 1,...	16.066	5.3	ug/L	320872	3	13.554	1500370	25.0
1-Naphthaleneme...	16.151	6.0	ug/L	359852	3	13.554	1500370	25.0
unknown-06	16.212	3.5	ug/L	210968	3	13.554	1500370	25.0
(DEL) Alkane: S...	16.273	11.7	ug/L	699322	3	13.554	1500370	25.0
benzenamine, 4-...	16.468	5.3	ug/L	319916	3	13.554	1500370	25.0