

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023342.D
 Acq On : 26 May 2022 00:40
 Operator : SY/VA
 Sample : N2995-08
 Misc : 4.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR1

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023342.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	6	10	22	rVB4	18800	44032	4.13%	0.287%
2	2.160	37	42	43	rBV2	5584	8534	0.80%	0.056%
3	2.215	49	51	53	rBV3	2326	2647	0.25%	0.017%
4	2.355	67	74	83	rBV	94552	169351	15.89%	1.102%
5	2.501	93	98	101	rBV	11263	20094	1.89%	0.131%
6	2.885	156	161	172	rVB2	51566	112844	10.59%	0.735%
7	3.385	238	243	249	rVV7	4595	11428	1.07%	0.074%
8	3.580	273	275	279	rBV5	977	1558	0.15%	0.010%
9	3.720	297	298	300	rVV2	1675	1477	0.14%	0.010%
10	3.745	300	302	303	rVV2	2244	2207	0.21%	0.014%
11	3.775	303	307	315	rVB7	4135	12153	1.14%	0.079%
12	4.019	335	347	359	rBV	91782	283659	26.61%	1.847%
13	4.123	360	364	371	rVB	9005	21874	2.05%	0.142%
14	4.580	435	439	443	rBV6	1197	1935	0.18%	0.013%
15	4.842	478	482	484	rBV5	1314	1557	0.15%	0.010%
16	4.921	484	495	512	rBV5	6958	30973	2.91%	0.202%
17	5.147	528	532	540	rVB5	1761	3607	0.34%	0.023%
18	5.939	657	662	669	rVV7	4653	11075	1.04%	0.072%
19	6.055	677	681	684	rBV5	993	1795	0.17%	0.012%
20	6.372	730	733	737	rBV5	1097	1723	0.16%	0.011%
21	6.458	743	747	749	rVB5	1393	1880	0.18%	0.012%
22	6.702	783	787	789	rBV5	1016	1442	0.14%	0.009%
23	6.897	817	819	821	rBV3	1542	1810	0.17%	0.012%
24	6.988	832	834	837	rVB4	2420	2541	0.24%	0.017%
25	7.080	840	849	858	rBV	42828	129856	12.18%	0.845%
26	7.256	874	878	886	rVB3	5308	12537	1.18%	0.082%
27	7.531	919	923	925	rBV5	1172	1920	0.18%	0.012%
28	7.647	933	942	955	rBV	188529	473433	44.42%	3.082%
29	7.933	985	989	991	rBV4	2493	4155	0.39%	0.027%
30	8.031	1002	1005	1009	rVB5	1638	2335	0.22%	0.015%
31	8.159	1025	1026	1031	rVB5	1586	1712	0.16%	0.011%
32	8.274	1035	1045	1060	rBV2	327157	1039958	97.57%	6.770%
33	8.549	1087	1090	1093	rBV5	2473	3374	0.32%	0.022%
34	8.695	1109	1114	1116	rBV6	3563	5594	0.52%	0.036%
35	8.841	1129	1138	1149	rBV	341649	666277	62.51%	4.337%
36	9.091	1166	1179	1185	rBV	4861	14497	1.36%	0.094%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	9.140	1185	1187	1190	rVB4	1417	1738	0.16%	0.011%
38	9.274	1201	1209	1217	rBV	257434	510291	47.88%	3.322%
39	9.408	1227	1231	1239	rVB9	2531	5263	0.49%	0.034%
40	9.591	1259	1261	1266	rBV6	1430	1870	0.18%	0.012%
41	9.658	1270	1272	1273	rBV2	2770	2114	0.20%	0.014%
42	9.853	1302	1304	1306	rVV3	1864	1674	0.16%	0.011%
43	9.951	1316	1320	1324	rBV5	2868	6272	0.59%	0.041%
44	10.036	1326	1334	1341	rBV	118431	214745	20.15%	1.398%
45	10.213	1361	1363	1367	rVB5	3449	3109	0.29%	0.020%
46	10.323	1372	1381	1387	rBV	437651	762520	71.54%	4.964%
47	10.390	1387	1392	1399	rVB	42265	77908	7.31%	0.507%
48	10.506	1404	1411	1416	rVB10	7836	18470	1.73%	0.120%
49	10.579	1416	1423	1433	rBV2	79395	146236	13.72%	0.952%
50	10.670	1433	1438	1439	rVV4	6642	11027	1.03%	0.072%
51	10.707	1439	1444	1449	rVV3	14895	28288	2.65%	0.184%
52	10.750	1449	1451	1459	rVB7	4357	8273	0.78%	0.054%
53	10.926	1473	1480	1489	rBV	167923	301687	28.31%	1.964%
54	11.024	1494	1496	1498	rBV3	1961	1986	0.19%	0.013%
55	11.073	1500	1504	1506	rBV4	3886	5925	0.56%	0.039%
56	11.176	1517	1521	1525	rBV2	11053	15990	1.50%	0.104%
57	11.225	1525	1529	1535	rVB2	28580	49985	4.69%	0.325%
58	11.286	1535	1539	1541	rBV4	3791	4933	0.46%	0.032%
59	11.335	1542	1547	1552	rVB5	9573	15845	1.49%	0.103%
60	11.432	1552	1563	1569	rVB8	17946	50642	4.75%	0.330%
61	11.512	1571	1576	1580	rBV3	13418	20505	1.92%	0.133%
62	11.627	1588	1595	1605	rBV	454050	781887	73.36%	5.090%
63	11.725	1606	1611	1614	rBV3	12803	22008	2.06%	0.143%
64	11.841	1621	1630	1633	rBV3	45432	100310	9.41%	0.653%
65	11.969	1647	1651	1656	rBV6	9636	17381	1.63%	0.113%
66	12.042	1659	1663	1671	rVB9	10350	23608	2.22%	0.154%
67	12.140	1671	1679	1687	rBV3	52304	146989	13.79%	0.957%
68	12.249	1694	1697	1701	rVB	40863	55882	5.24%	0.364%
69	12.298	1701	1705	1706	rBV3	17983	22394	2.10%	0.146%
70	12.359	1707	1715	1723	rVV4	78489	283364	26.59%	1.845%
71	12.603	1750	1755	1761	rVB	641361	1002175	94.03%	6.524%
72	12.688	1764	1769	1779	rVB	260077	456365	42.82%	2.971%
73	12.780	1779	1784	1790	rVB2	120544	218861	20.53%	1.425%
74	12.859	1790	1797	1802	rBV6	60297	147793	13.87%	0.962%
75	12.932	1803	1809	1816	rBV3	290679	570905	53.56%	3.717%
76	13.078	1829	1833	1834	rBV3	41809	53857	5.05%	0.351%

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 Title : SFAM01.0

77	13.164	1843	1847	1855	rVB3	138093	226164	21.22%	1.472%
78	13.249	1858	1861	1865	rBV	38796	56626	5.31%	0.369%
79	13.438	1886	1892	1896	rBV3	188266	368086	34.54%	2.396%
80	13.554	1906	1911	1914	rBV	364273	586482	55.03%	3.818%
81	13.621	1920	1922	1929	rVB3	51715	65426	6.14%	0.426%
82	13.694	1931	1934	1938	rVV4	39878	76963	7.22%	0.501%
83	13.743	1939	1942	1945	rVV	103065	130399	12.23%	0.849%
84	13.786	1945	1949	1954	rVB2	137360	205294	19.26%	1.336%
85	13.865	1955	1962	1968	rBV3	445275	1065821	100.00%	6.938%
86	14.011	1982	1986	1987	rBV2	64817	83339	7.82%	0.543%
87	14.066	1991	1995	1998	rVV2	173630	265339	24.90%	1.727%
88	14.200	2012	2017	2022	rVB2	169467	276974	25.99%	1.803%
89	14.334	2035	2039	2043	rBV2	107561	187404	17.58%	1.220%
90	14.383	2044	2047	2050	rVB2	108899	143154	13.43%	0.932%
91	14.450	2055	2058	2062	rVV	189266	275598	25.86%	1.794%
92	14.493	2062	2065	2069	rVV2	99113	126696	11.89%	0.825%
93	14.542	2069	2073	2080	rVB3	120454	228762	21.46%	1.489%
94	14.718	2098	2102	2108	rVB3	153315	246074	23.09%	1.602%
95	14.785	2108	2113	2118	rBV	403963	729984	68.49%	4.752%
96	14.956	2138	2141	2146	rVB3	60129	96969	9.10%	0.631%
97	15.060	2155	2158	2160	rBV3	62480	86350	8.10%	0.562%
98	15.316	2196	2200	2209	rVB2	166888	279499	26.22%	1.820%
99	15.724	2264	2267	2273	rVB4	66740	109146	10.24%	0.711%
100	16.273	2354	2357	2365	rVB2	90782	165603	15.54%	1.078%

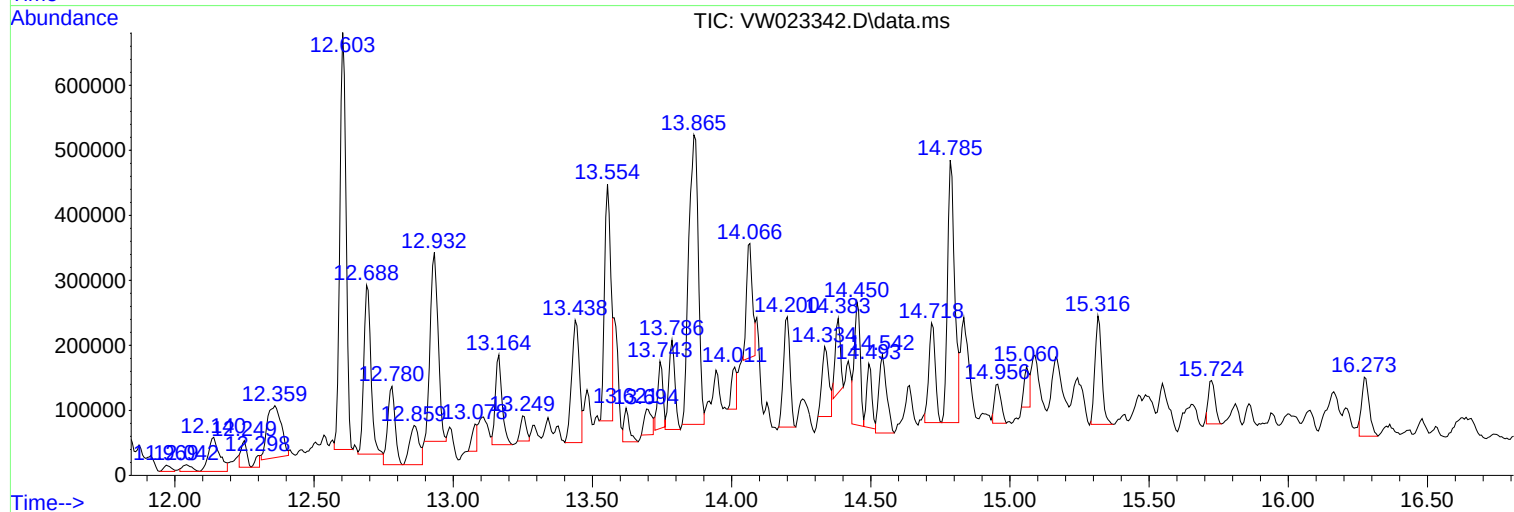
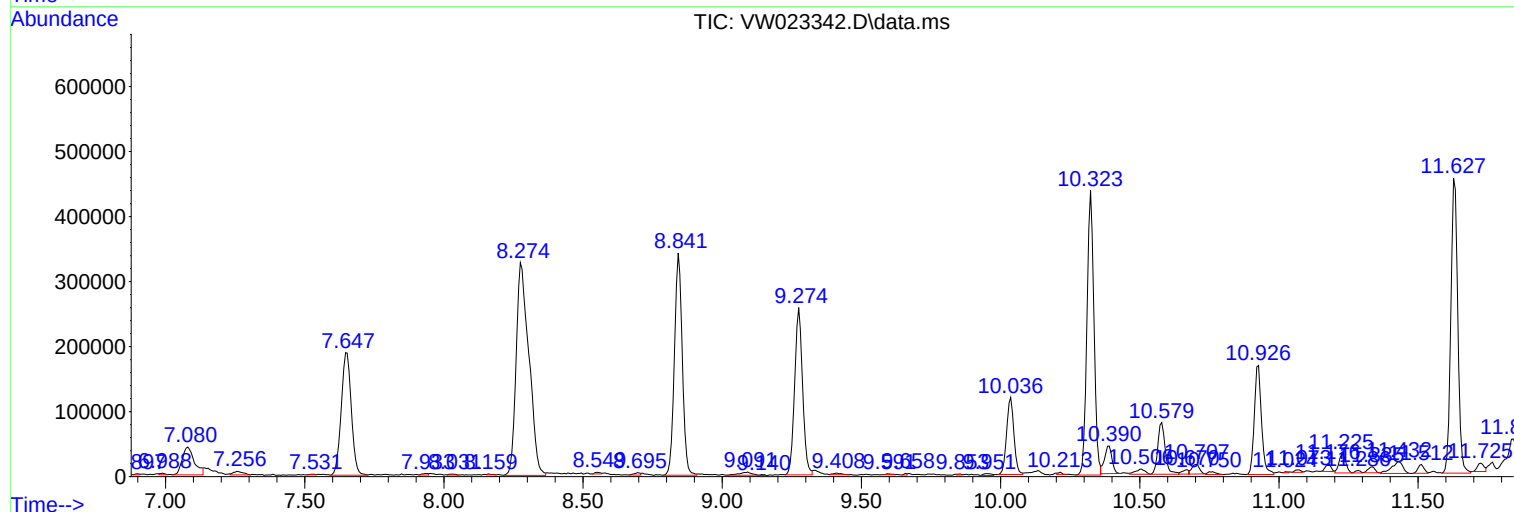
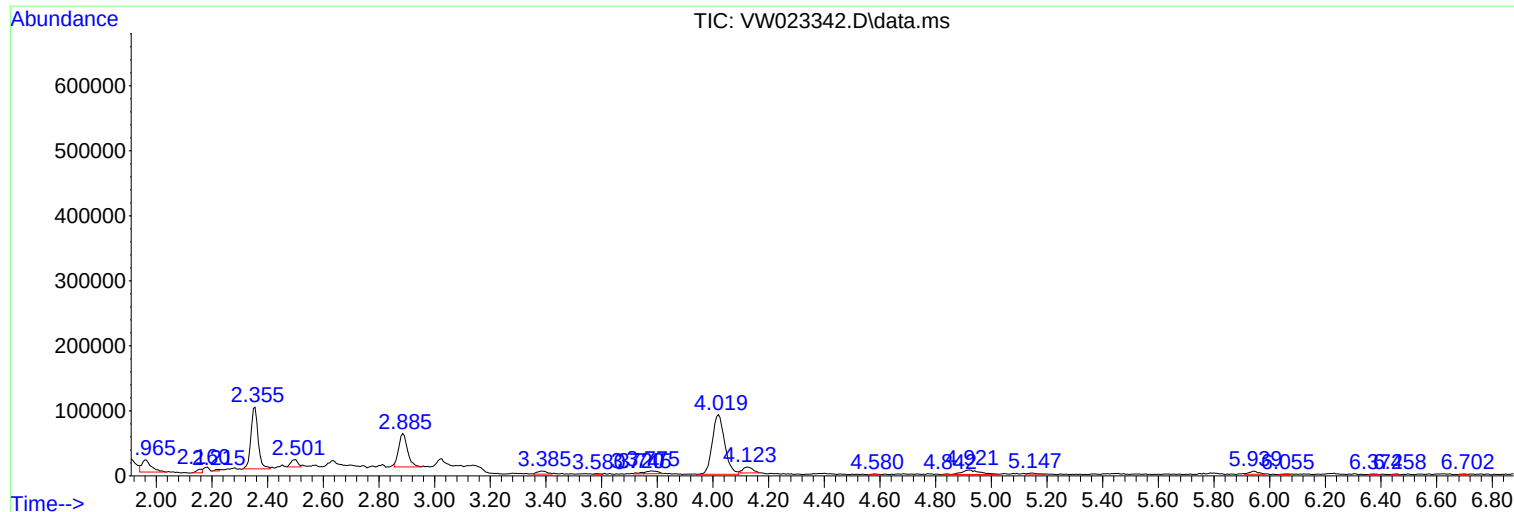
Sum of corrected areas: 15361071

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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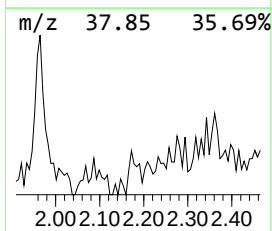
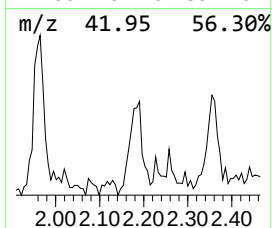
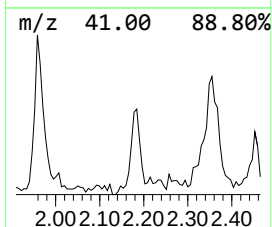
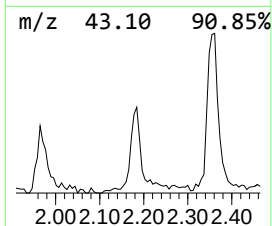
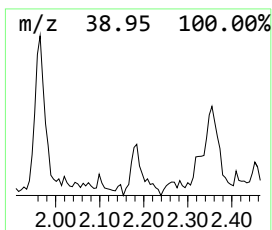
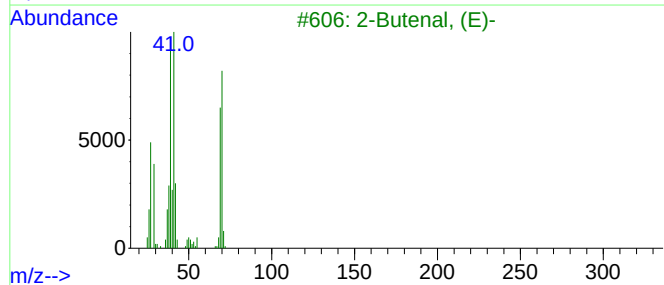
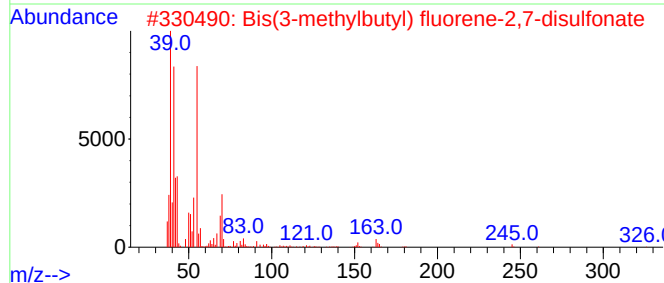
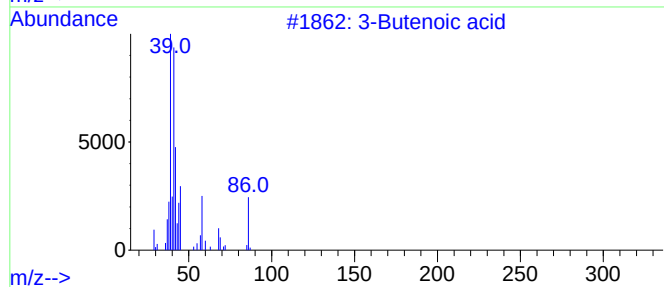
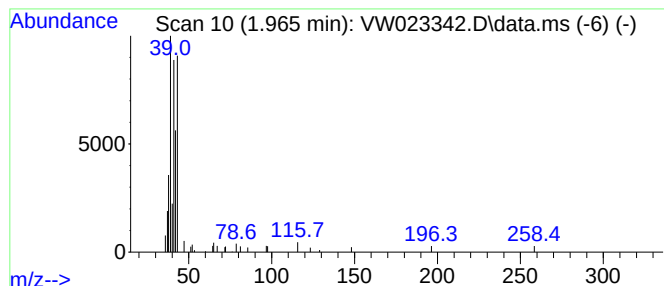
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 3-Butenoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	1.65 ug/L	44032	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Butenoic acid	86	C4H6O2	000625-38-7	83
2			Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	78
3			2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4			1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	56
5			Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	56



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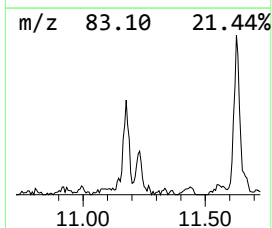
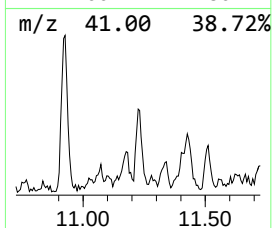
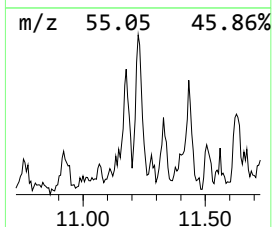
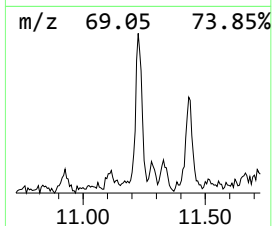
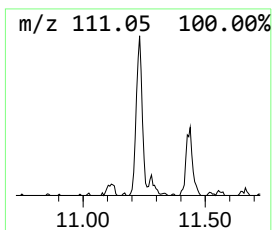
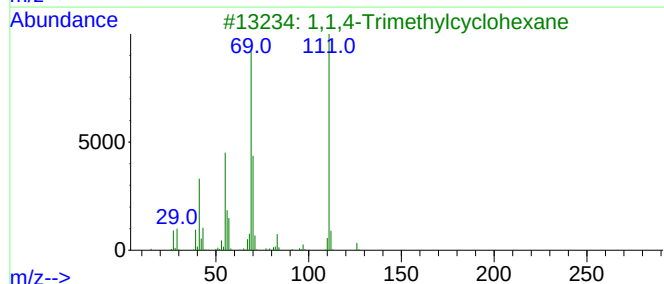
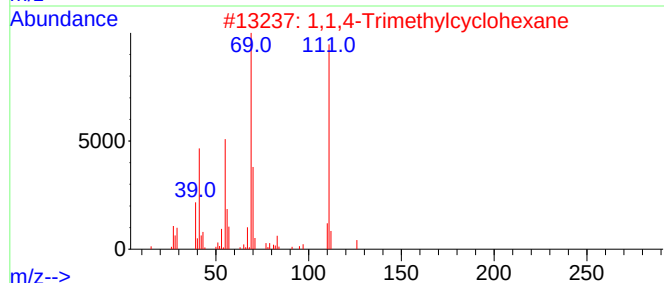
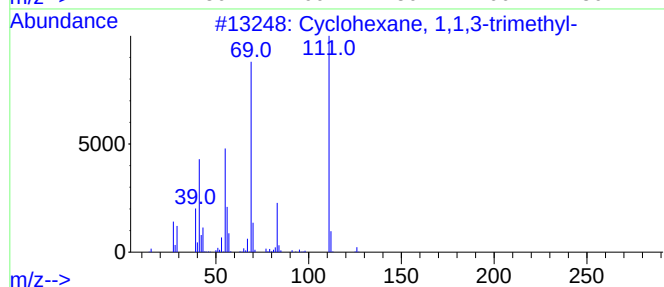
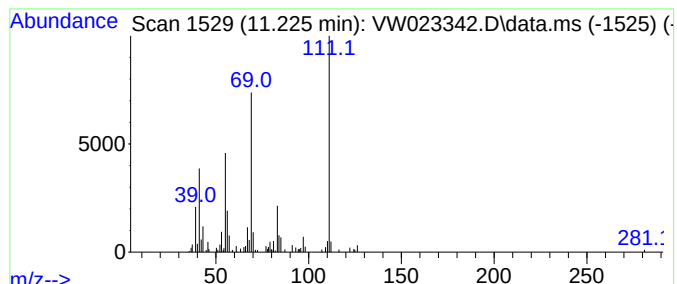
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.225 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	1.60 ug/L	49985	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	74
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64



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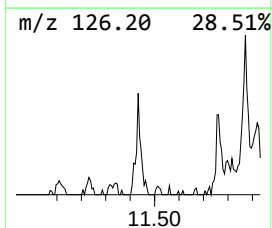
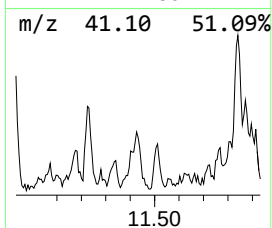
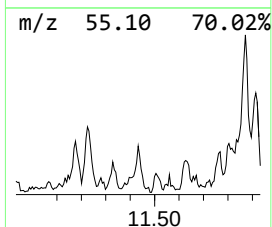
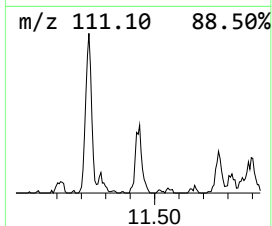
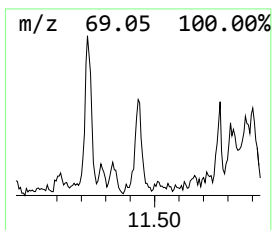
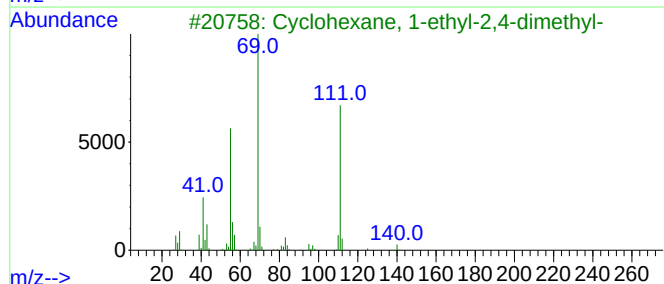
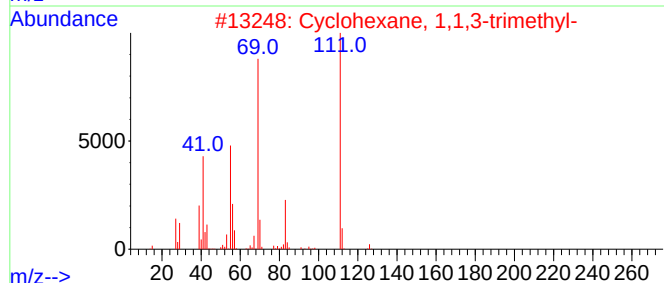
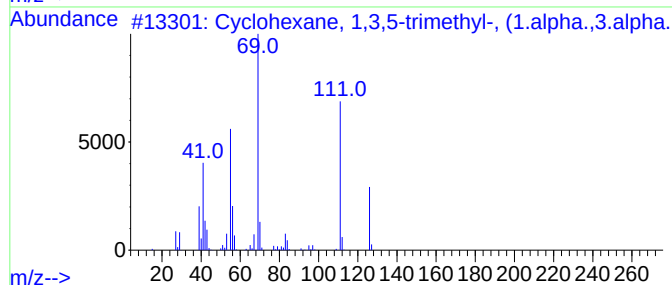
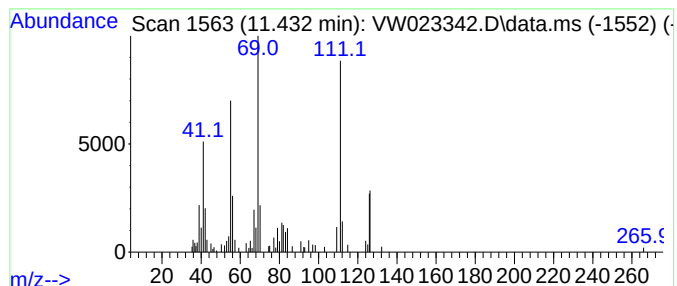
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.432 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.432	1.62 ug/L	50642	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	80
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
3			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50
4			Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	47
5			Isomaltol	126	C6H6O3	003420-59-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

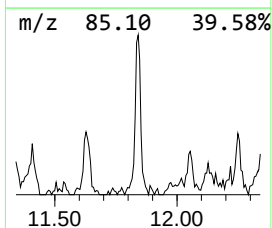
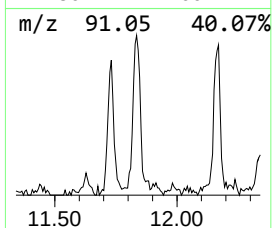
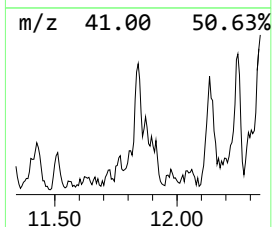
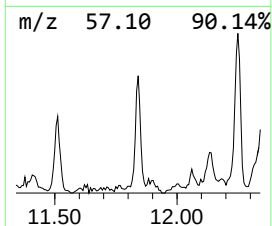
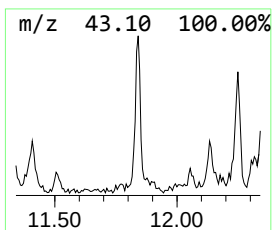
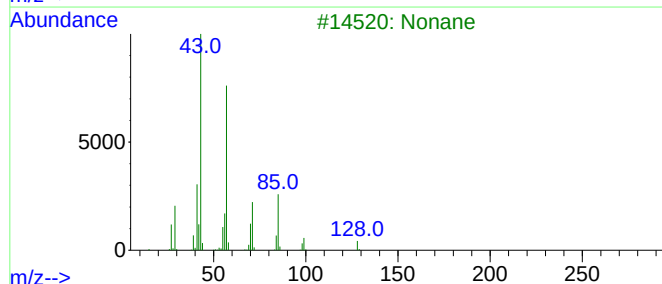
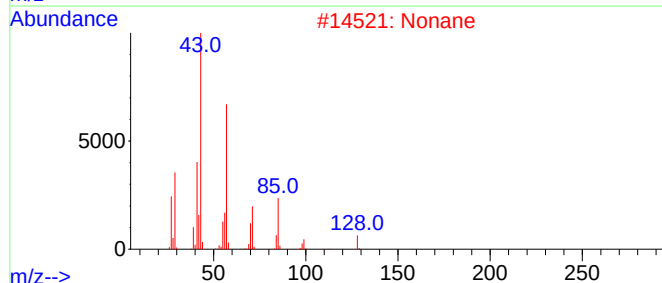
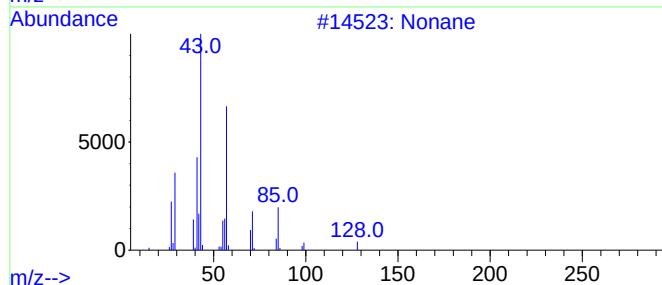
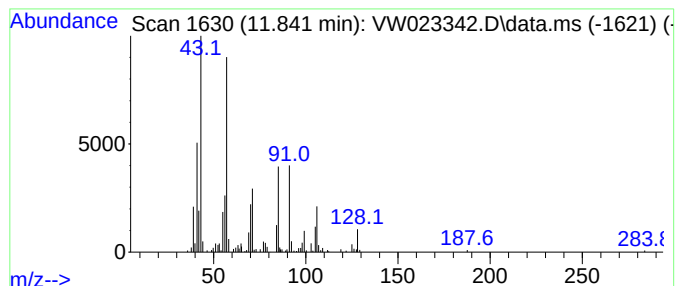
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	3.21 ug/L	100310	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	93
2			Nonane	128	C9H20	000111-84-2	87
3			Nonane	128	C9H20	000111-84-2	87
4			Nonane	128	C9H20	000111-84-2	68
5			Undecane	156	C11H24	001120-21-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

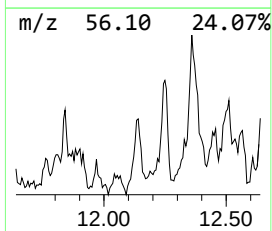
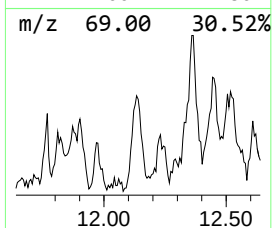
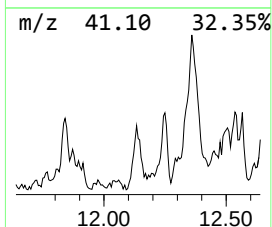
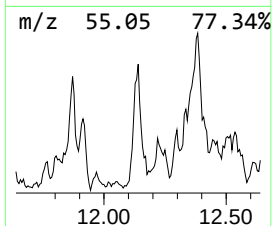
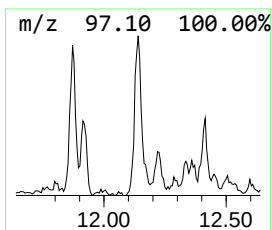
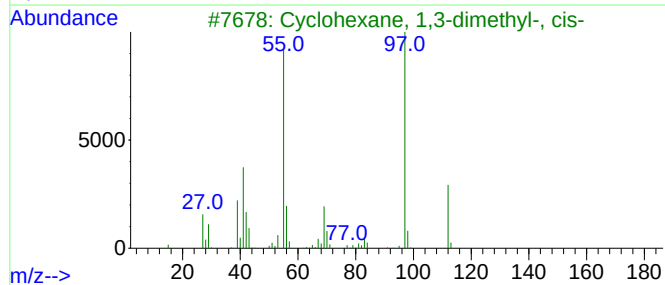
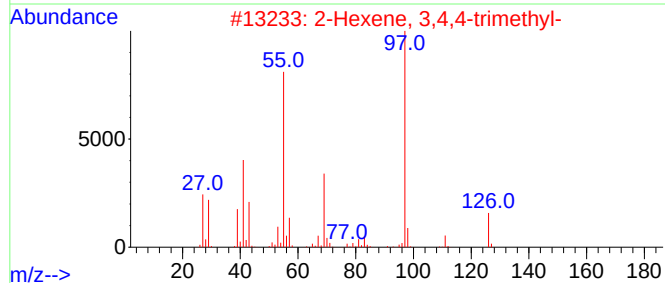
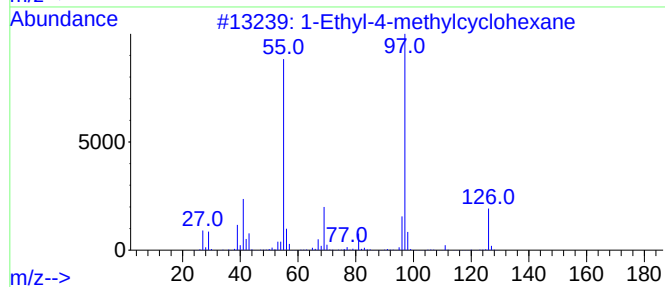
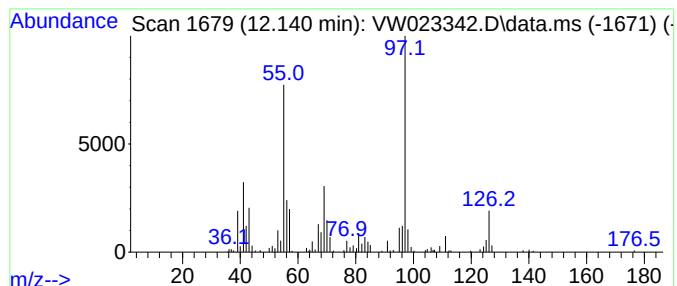
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.140 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	4.70 ug/L	146989	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
2			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

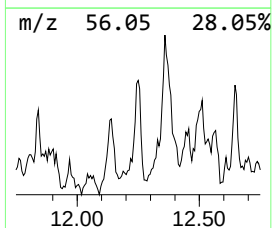
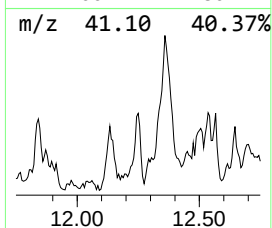
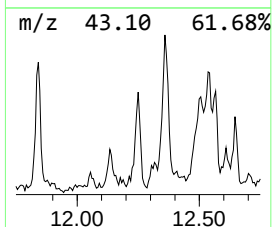
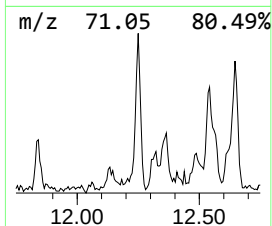
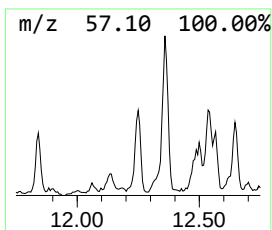
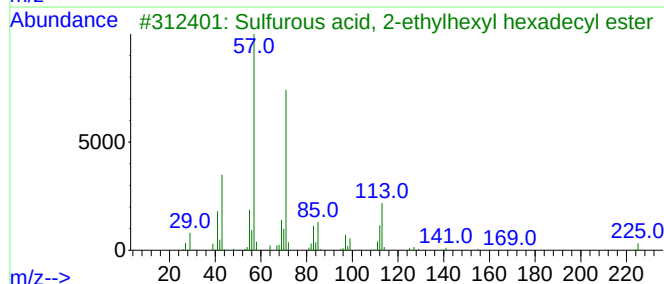
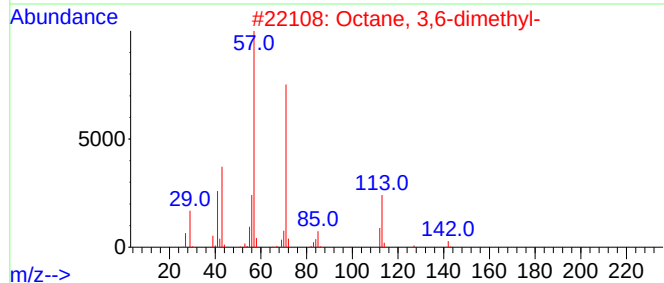
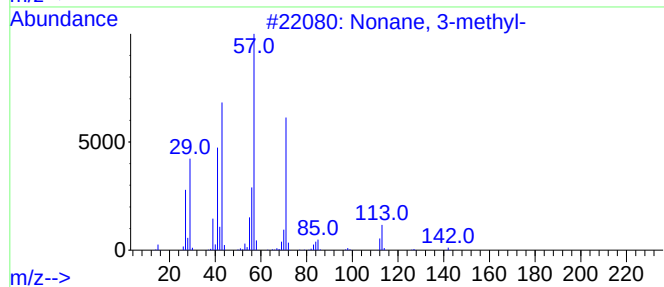
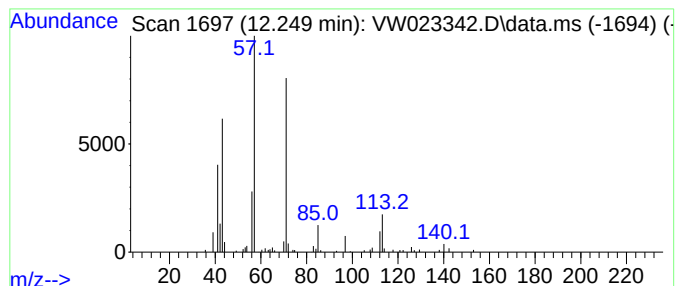
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	1.79 ug/L	55882	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	86
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	78
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

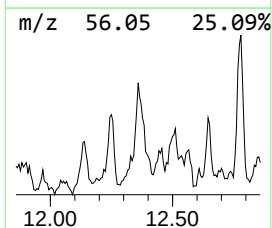
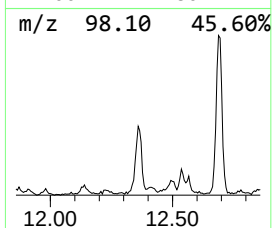
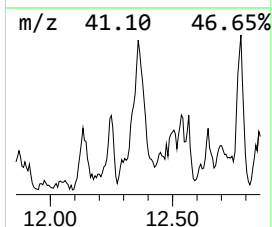
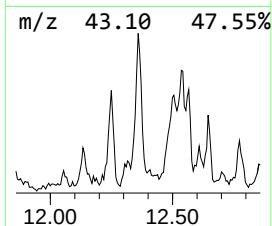
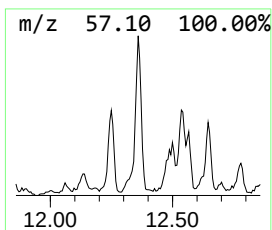
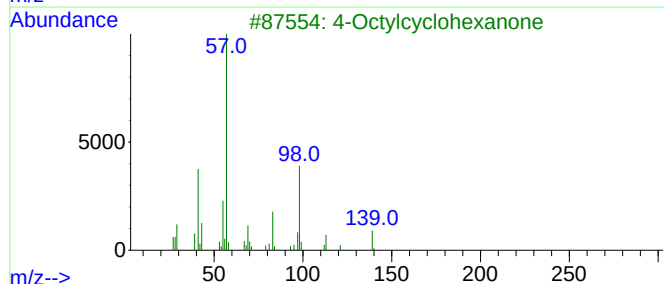
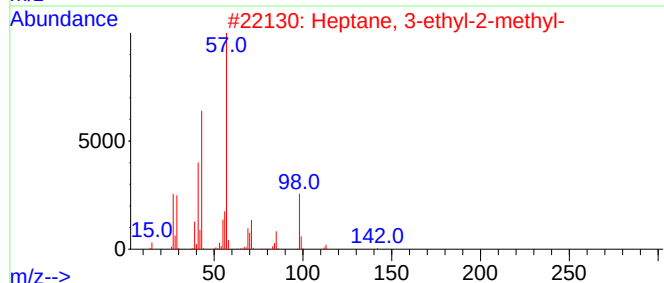
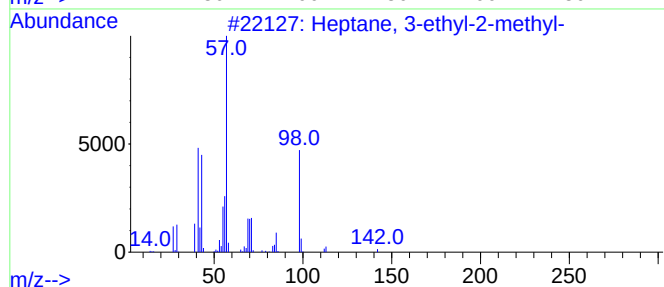
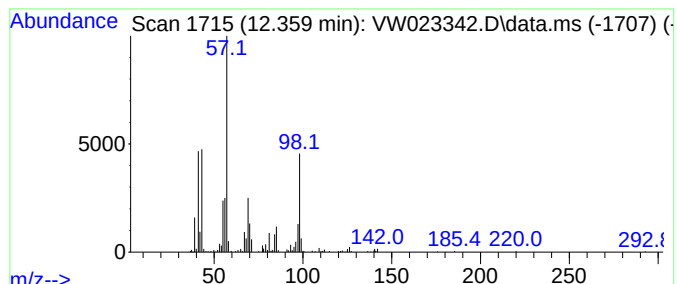
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	9.06 ug/L	283364	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	81
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3			4-Octylcyclohexanone	210	C14H26O	1000428-94-1	53
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

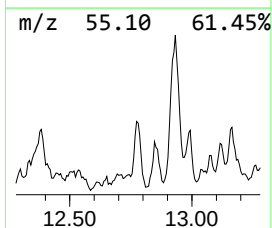
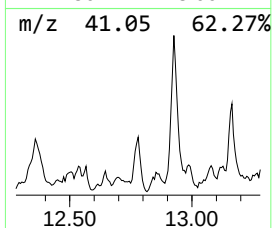
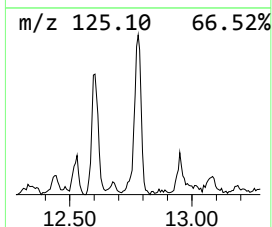
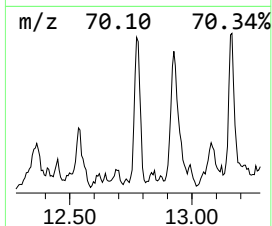
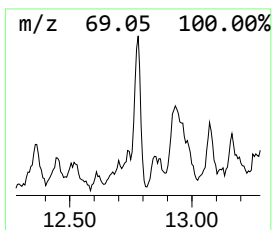
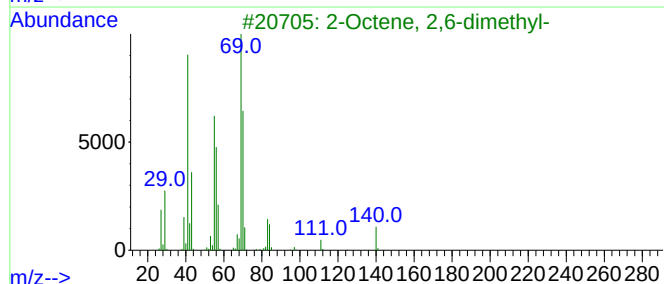
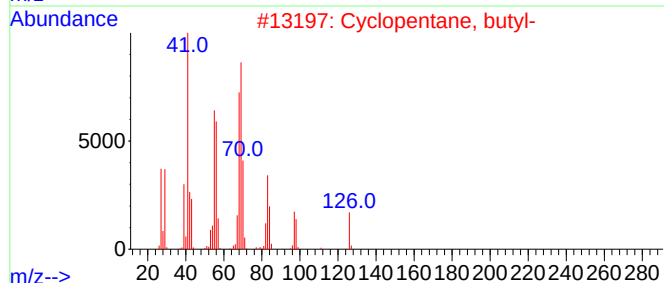
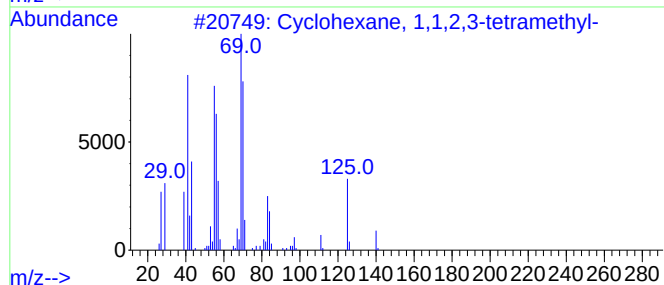
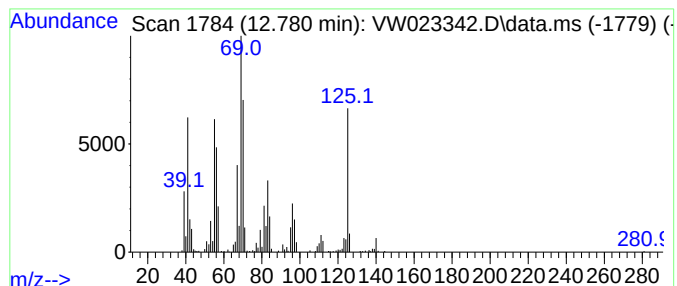
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.780 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	9.33 ug/L	218861	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, butyl-	126	C9H18	002040-95-1	60
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	55
4			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	55
5			trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

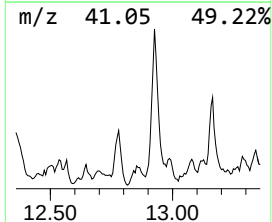
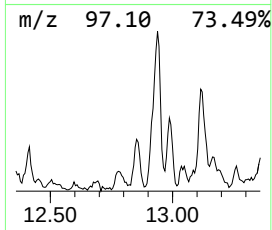
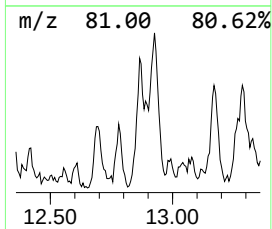
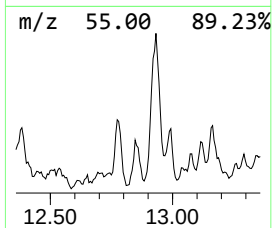
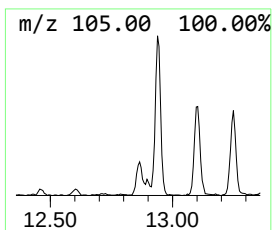
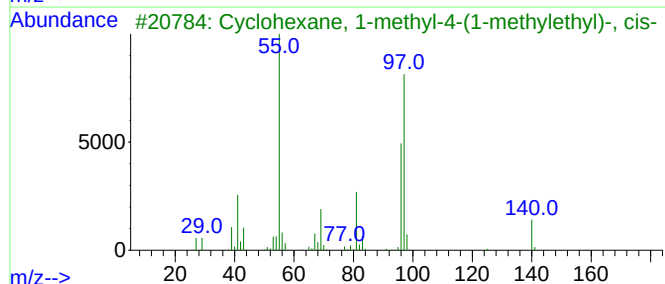
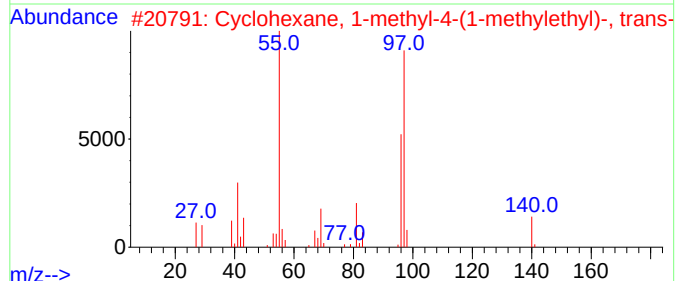
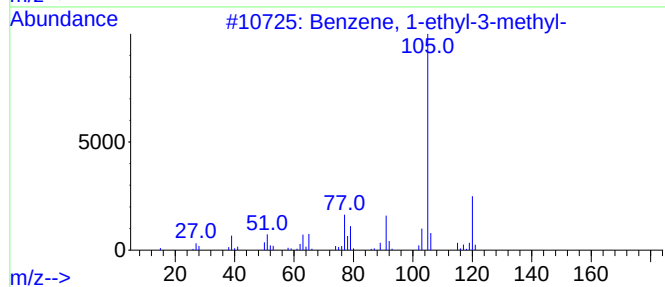
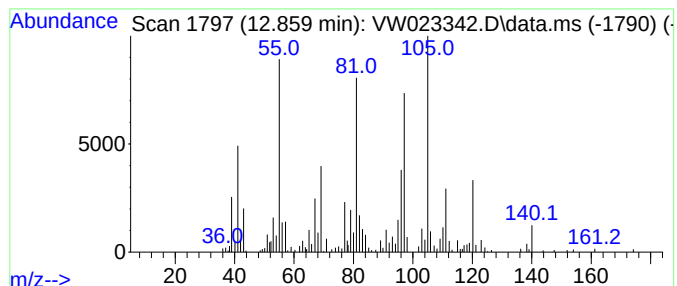
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	6.30 ug/L	147793	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	40
2			Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethyl)-, trans-	140	C10H20	001678-82-6	30
3			Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethyl)-, cis-	140	C10H20	006069-98-3	30
4			Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethyl)-, trans-	140	C10H20	001678-82-6	30
5			Cyclohexane, 1-methyl-4-(1-methyl-4-(1-methylethyl)-, cis-	140	C10H20	001678-82-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

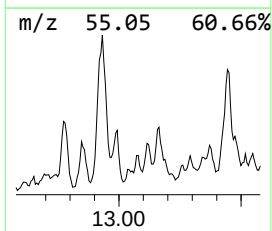
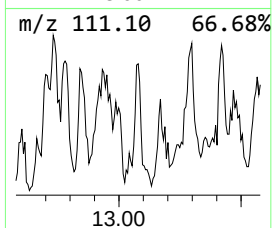
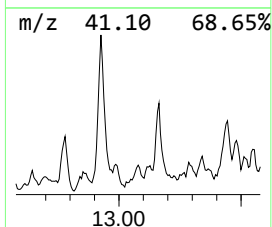
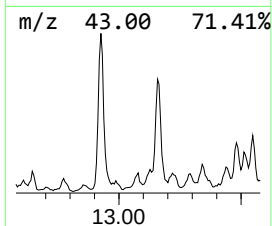
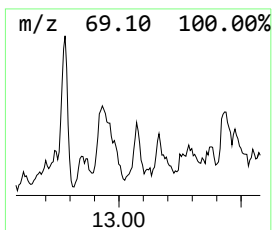
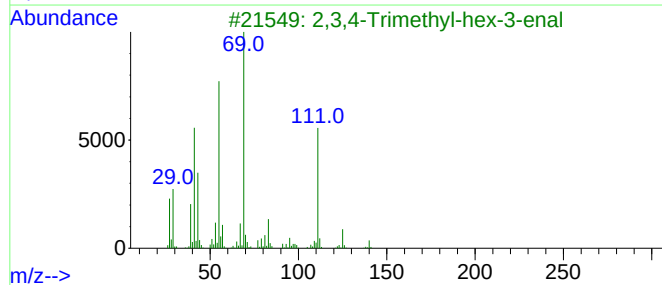
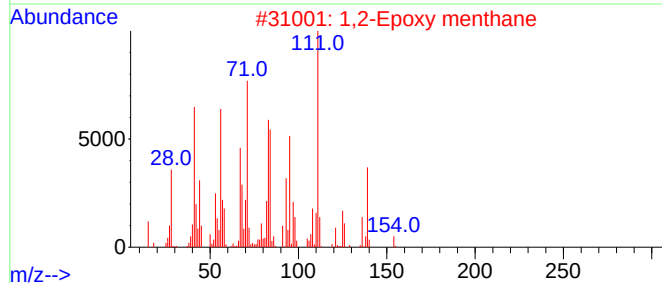
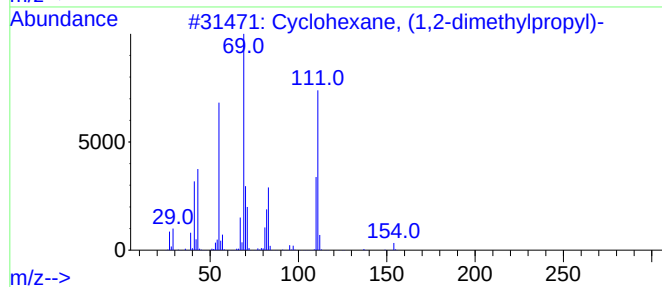
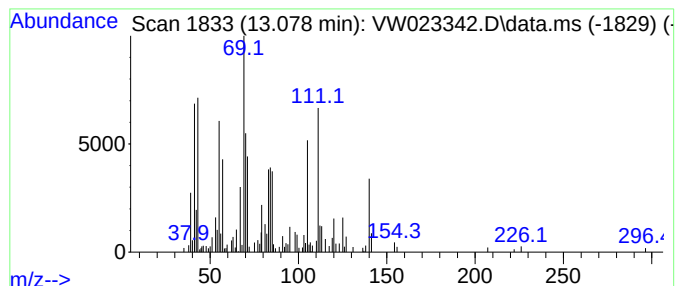
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic13.079 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	2.30 ug/L	53857	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	46
2			1,2-Epoxy menthane	154	C10H18O	1000422-70-3	38
3			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	27
4			Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	25
5			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

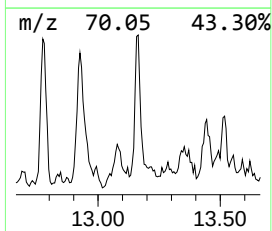
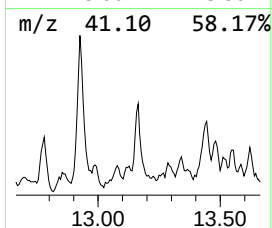
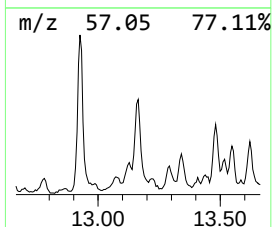
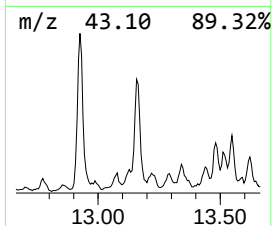
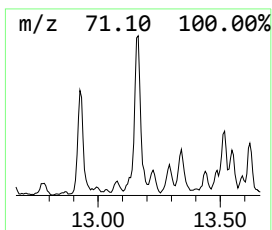
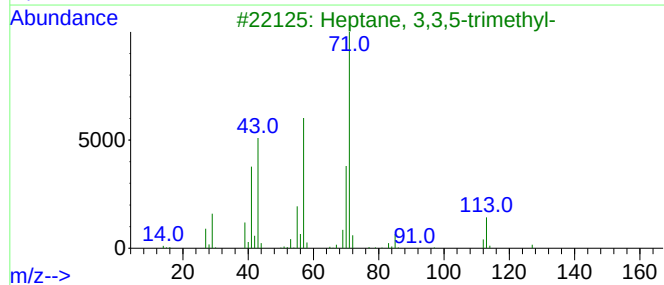
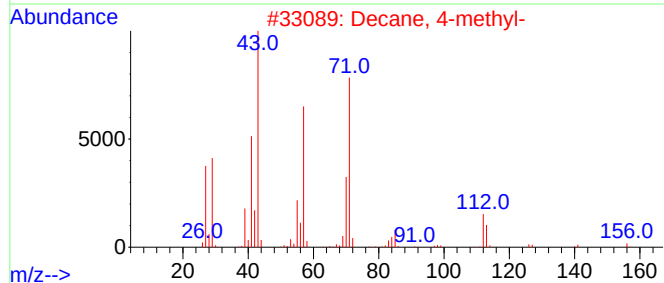
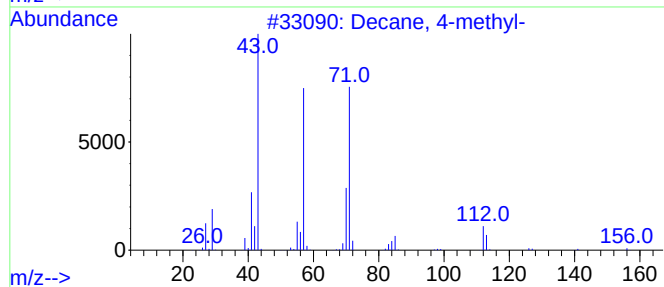
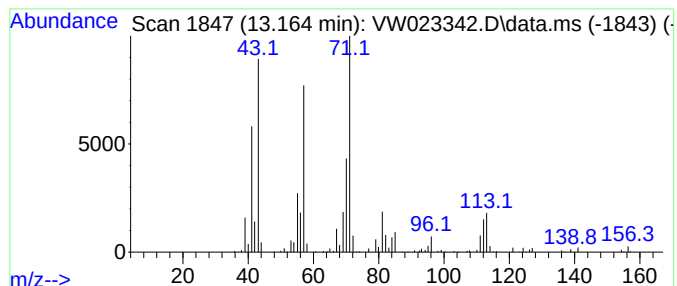
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	9.64 ug/L	226164	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Decane, 4-methyl-	156	C11H24	002847-72-5	87
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	72
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

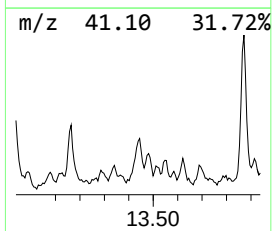
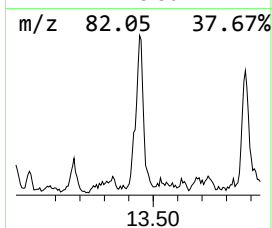
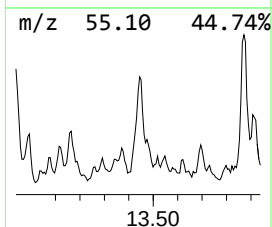
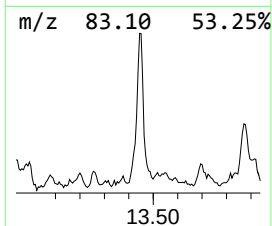
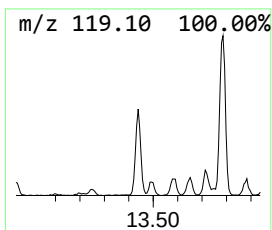
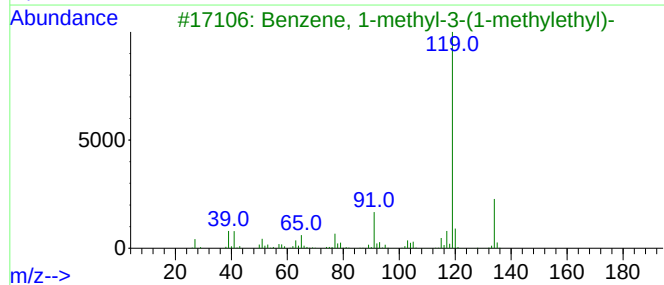
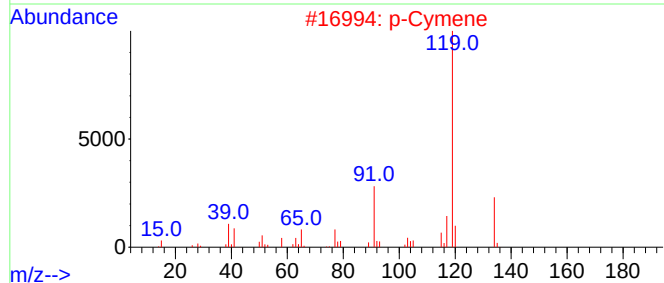
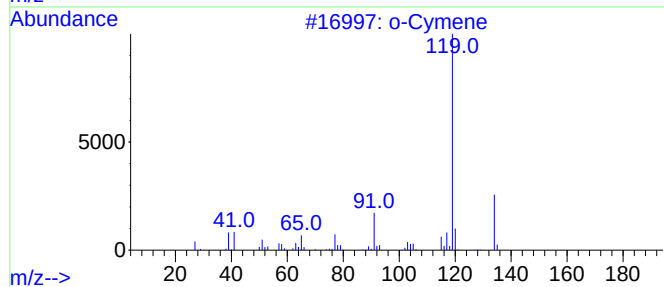
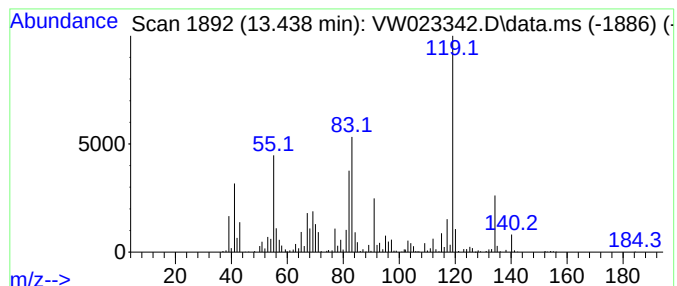
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Quant Title : SFAM01.0

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

Peak Number 14 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	15.69 ug/L	368086	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	90
2			p-Cymene	134	C10H14	000099-87-6	90
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4			p-Cymene	134	C10H14	000099-87-6	90
5			o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

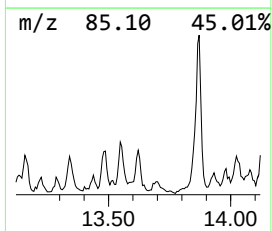
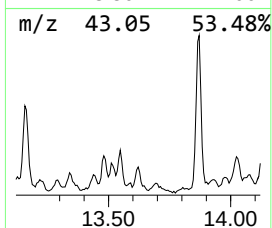
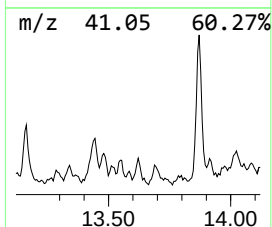
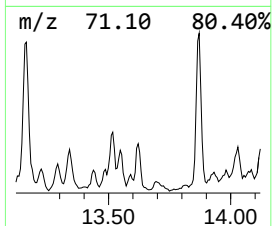
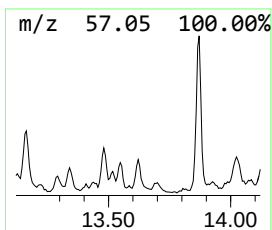
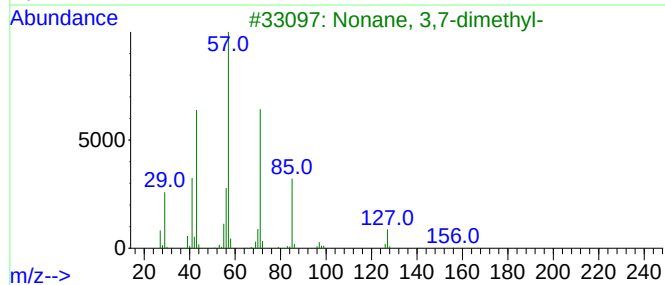
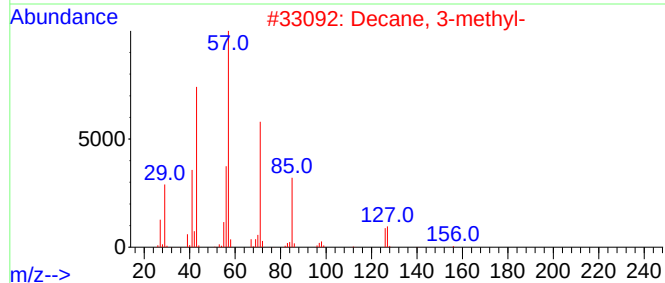
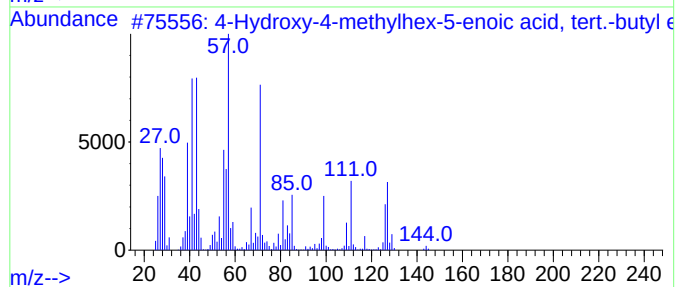
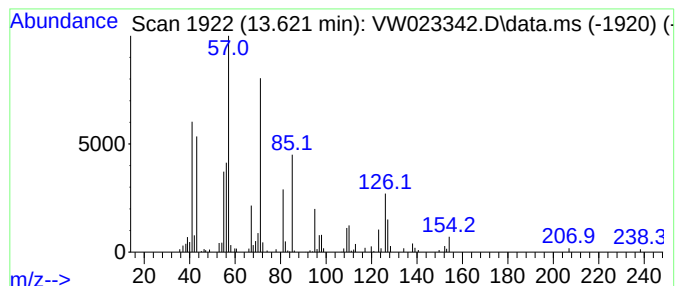
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Quant Title : SFAM01.0

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

Peak Number 15 4-Hydroxy-4-methylhex-5-eno... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	2.79 ug/L	65426	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hydroxy-4-methylhex-5-enoic ac...	200	C11H20O3	1010197-85-2	53
2			Decane, 3-methyl-	156	C11H24	013151-34-3	50
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	38
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

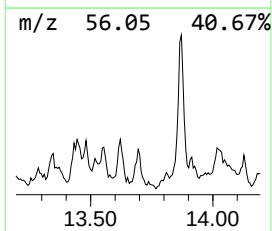
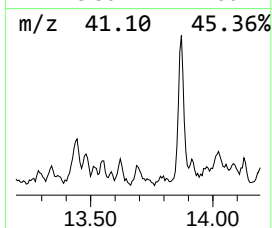
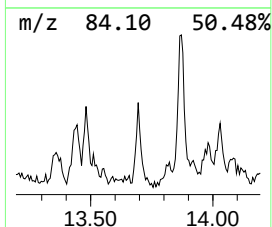
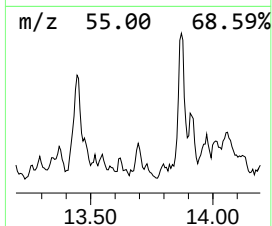
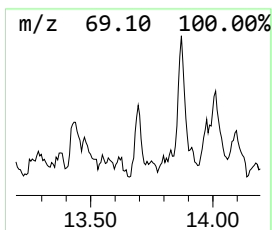
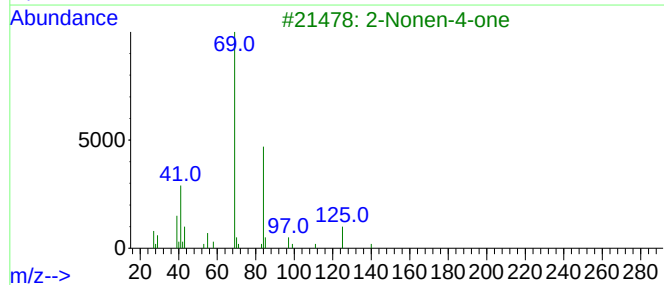
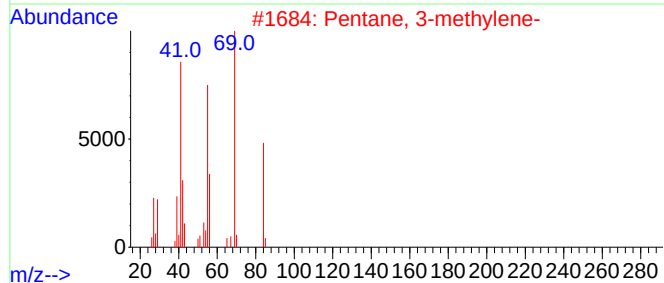
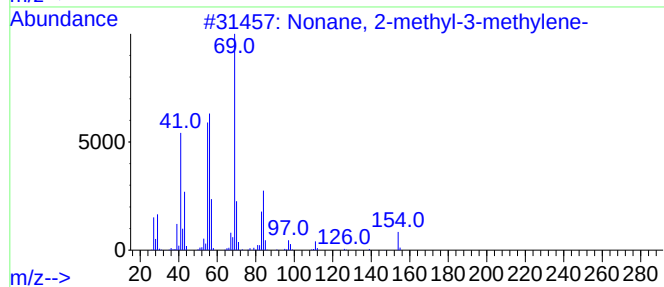
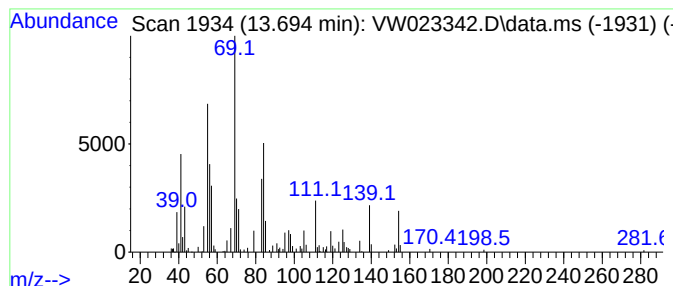
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	3.28 ug/L	76963	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	50
2			Pentane, 3-methylene-	84	C6H12	000760-21-4	47
3			2-Nonen-4-one	140	C9H16O	032064-72-5	46
4			Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	43
5			2-Methyl-2-octene	126	C9H18	016993-86-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

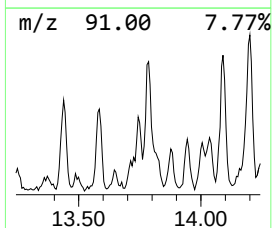
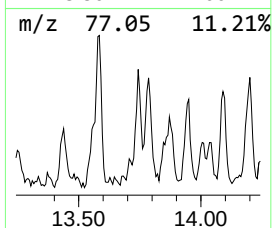
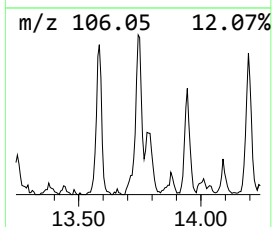
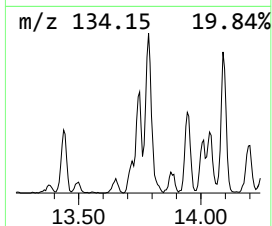
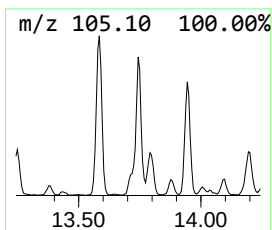
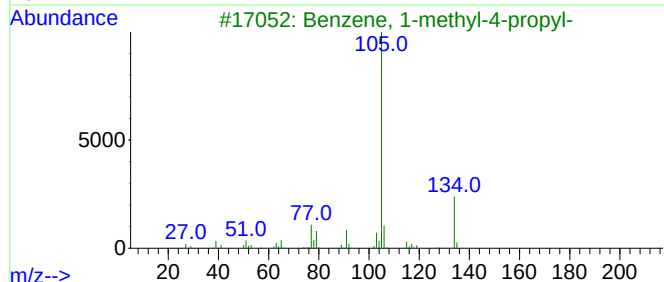
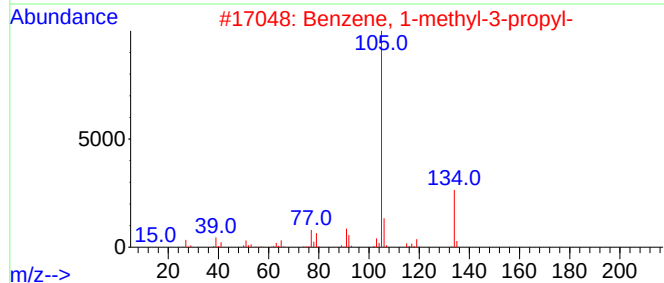
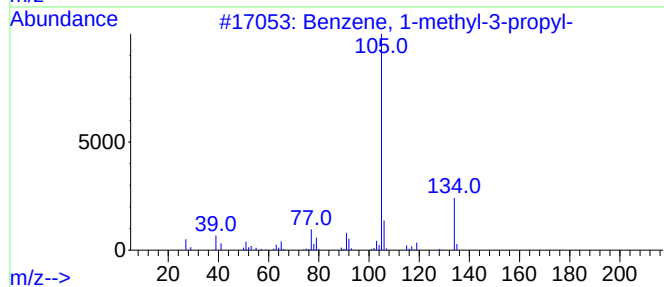
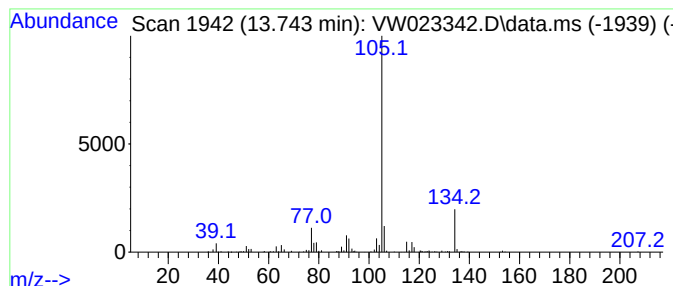
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	5.56 ug/L	130399	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

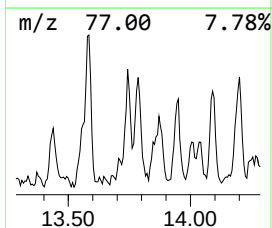
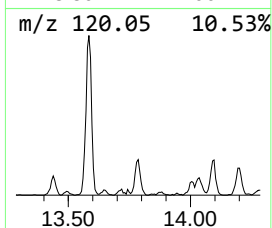
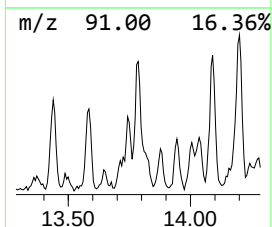
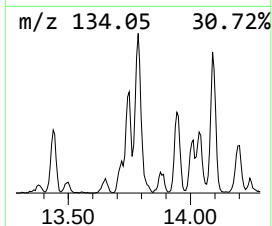
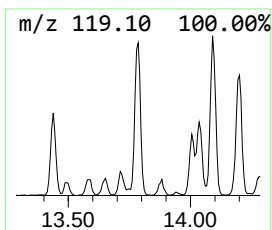
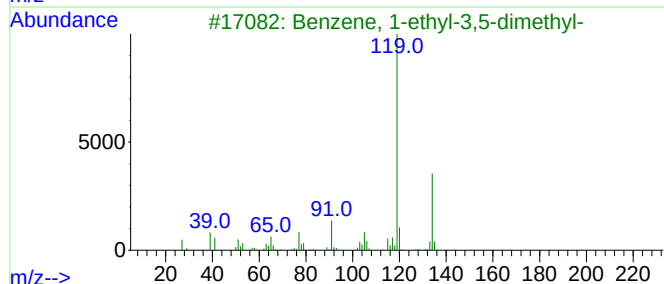
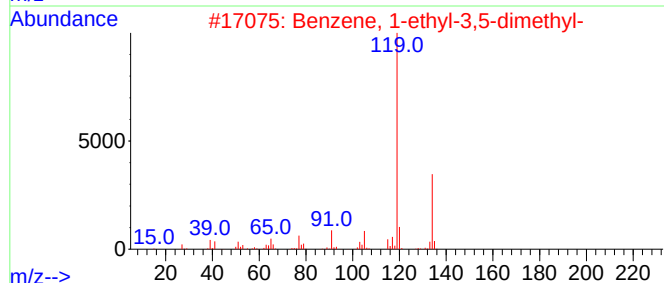
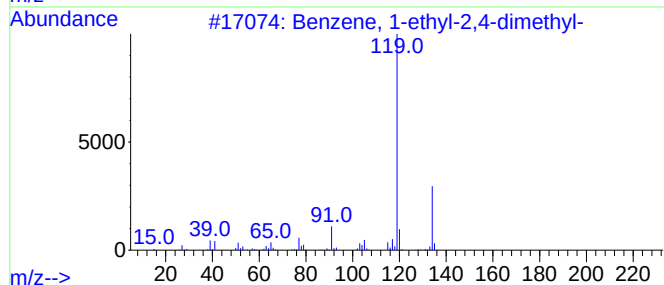
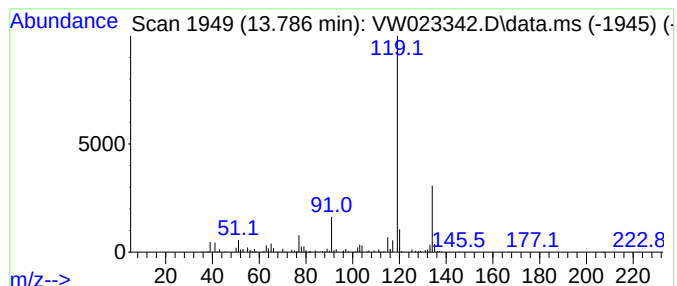
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	8.75 ug/L	205294	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

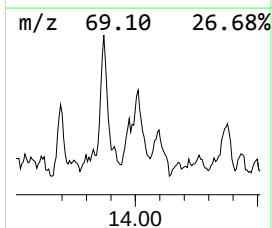
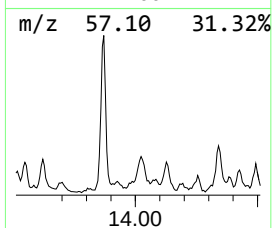
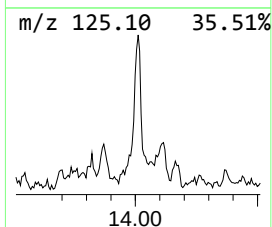
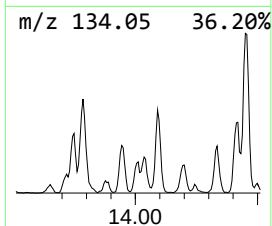
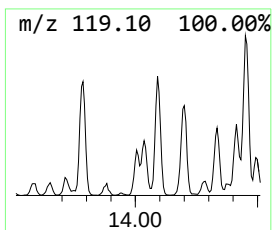
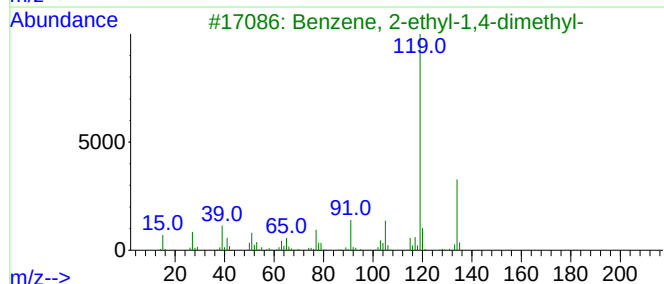
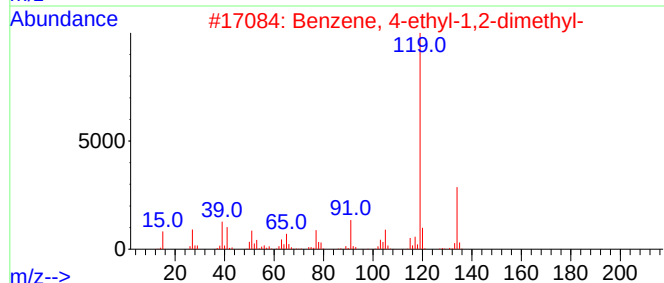
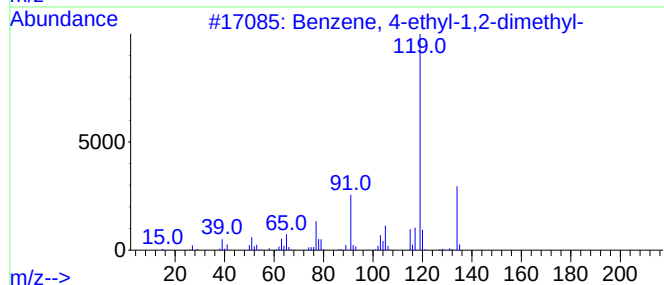
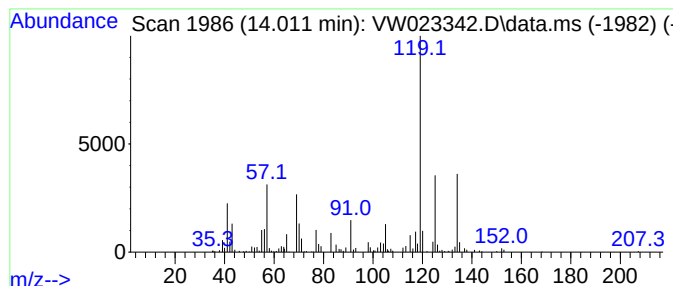
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	3.55 ug/L	83339	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

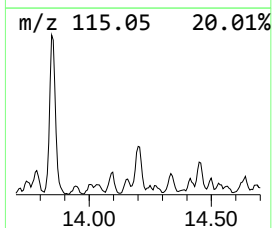
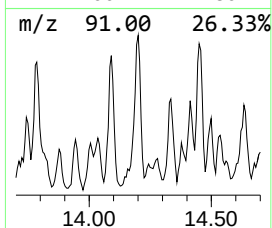
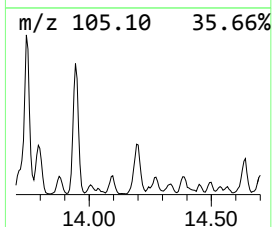
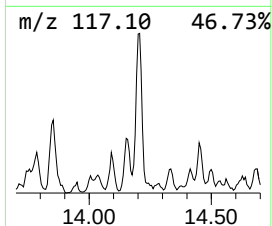
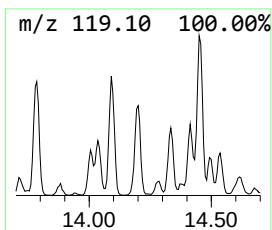
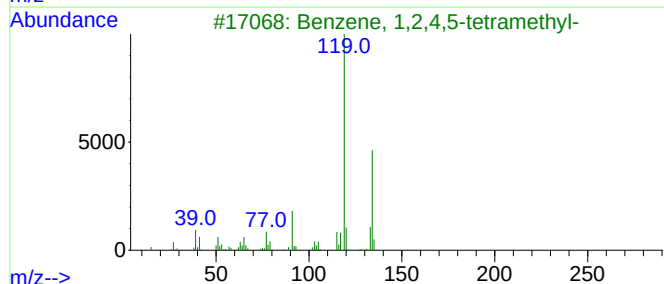
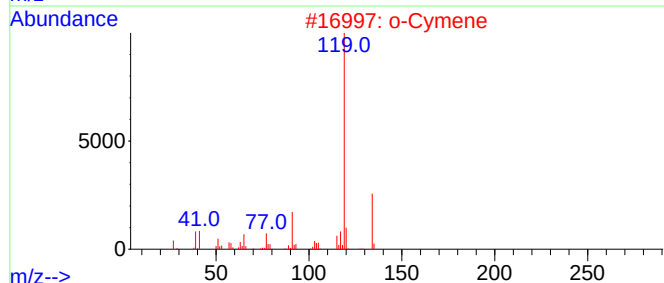
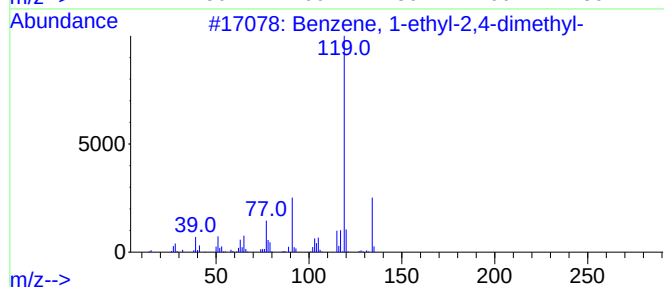
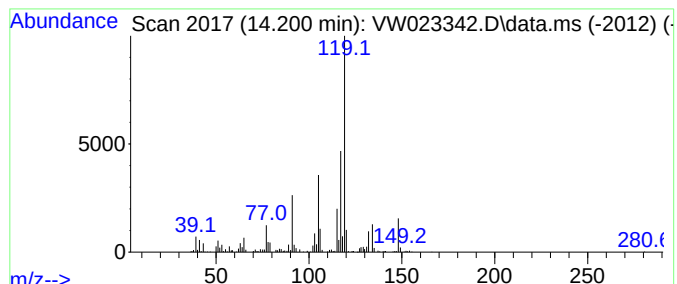
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	11.81 ug/L	276974	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53
2			o-Cymene	134	C10H14	000527-84-4	50
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
4			Diglycolic acid, 2-acetylphenyl ...	336	C18H24O6	1000382-72-1	47
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

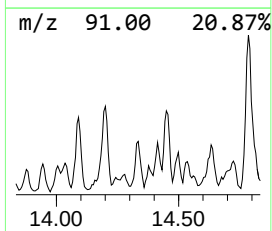
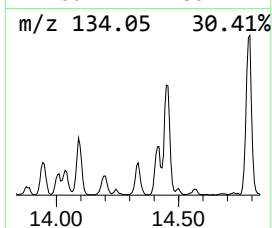
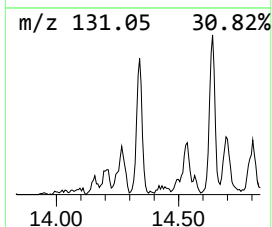
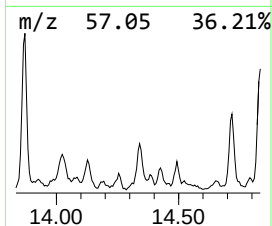
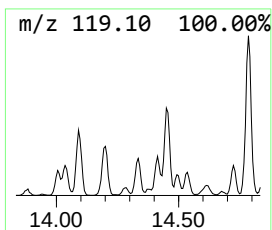
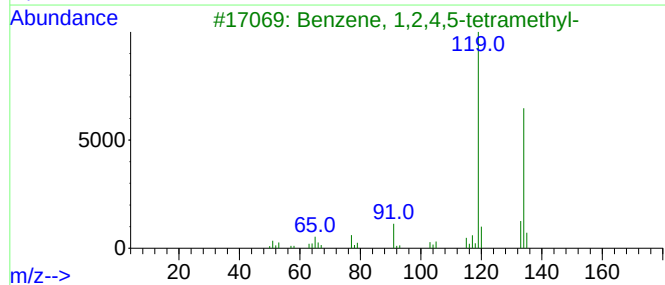
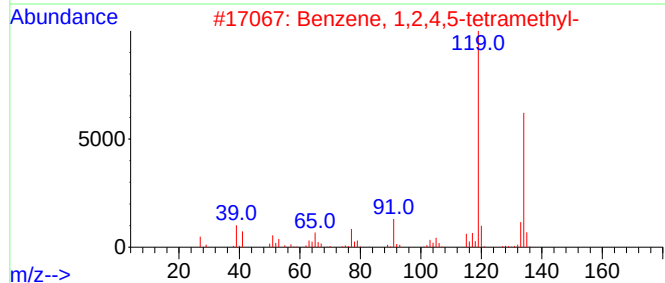
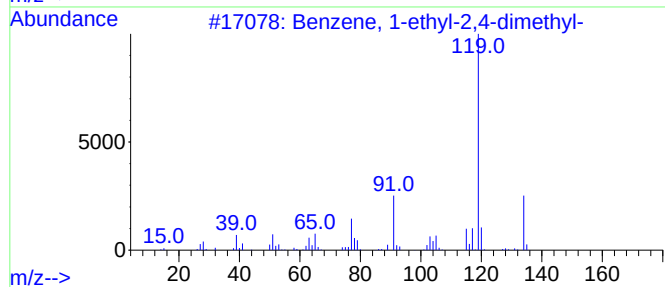
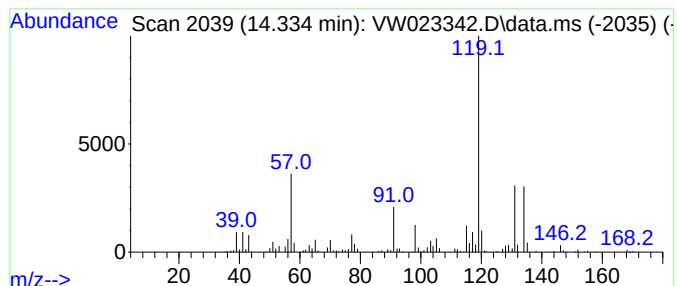
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.334	7.99 ug/L	187404	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

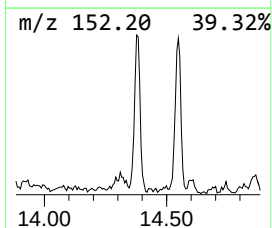
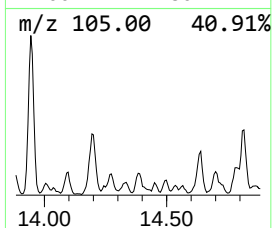
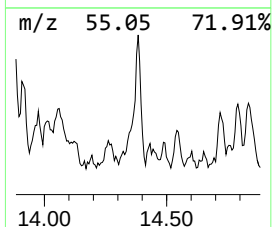
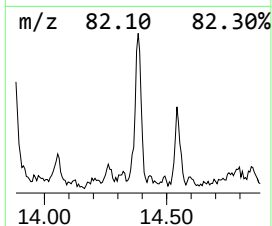
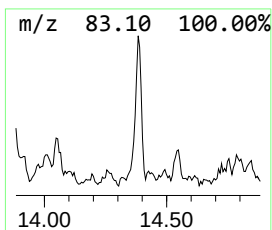
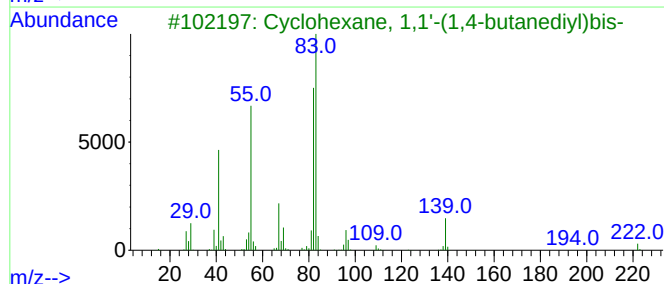
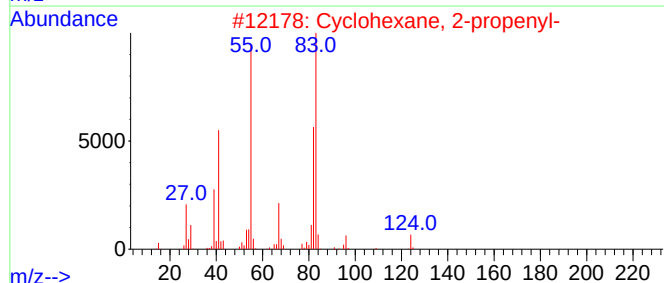
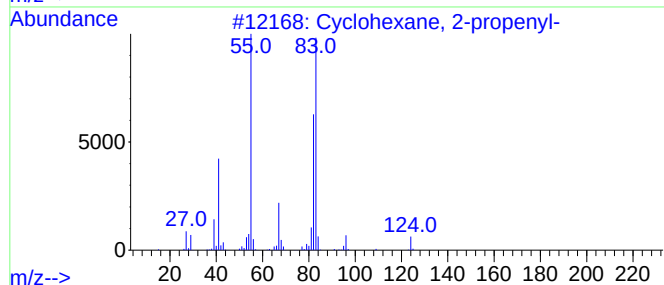
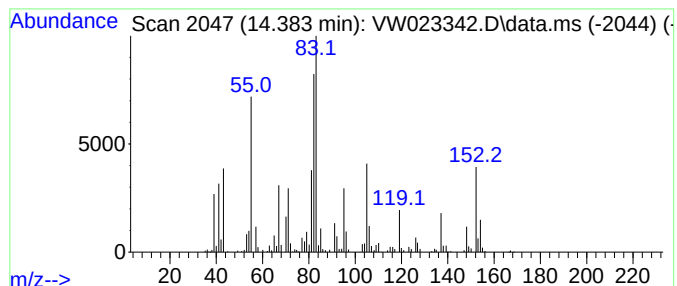
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	6.10 ug/L	143154	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
3			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	47
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

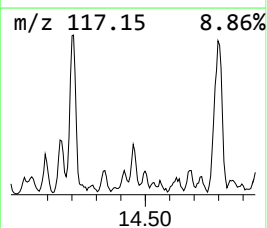
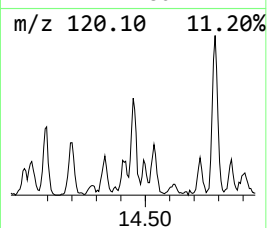
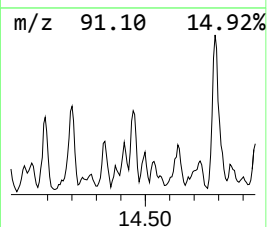
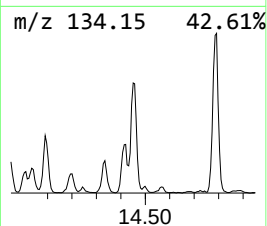
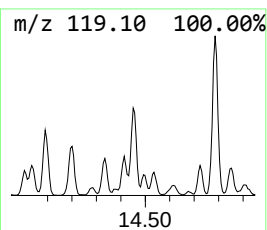
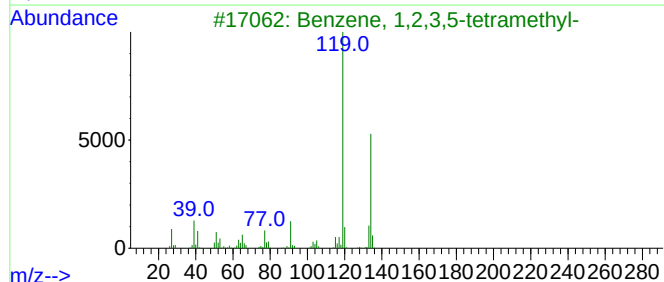
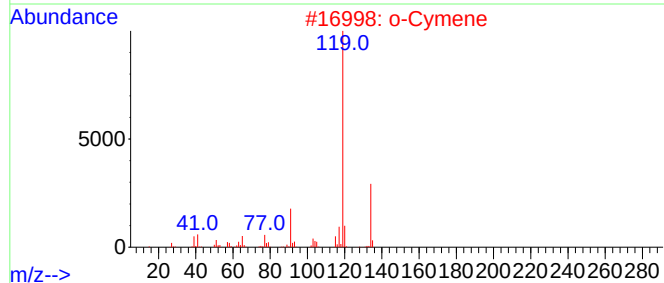
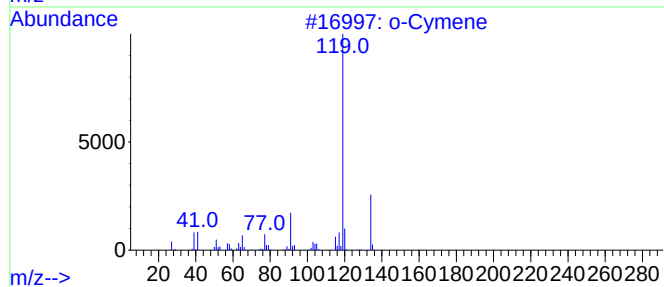
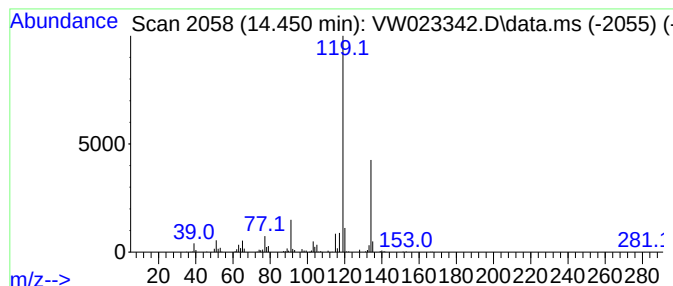
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Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	11.75 ug/L	275598	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

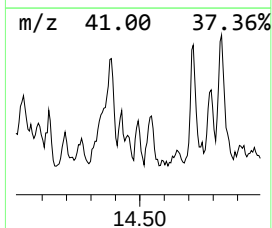
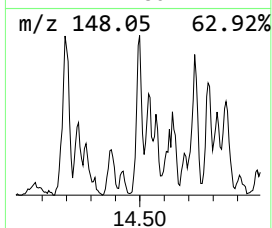
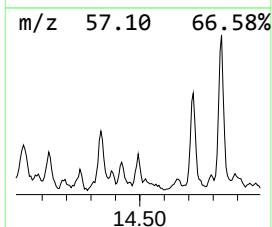
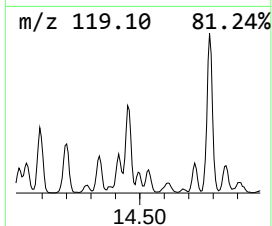
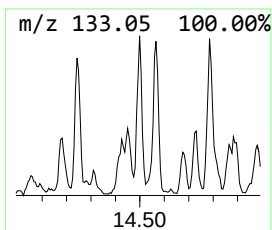
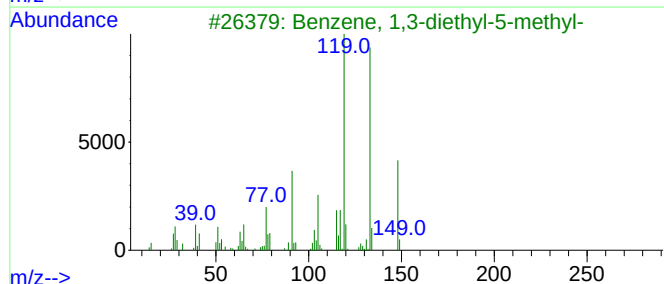
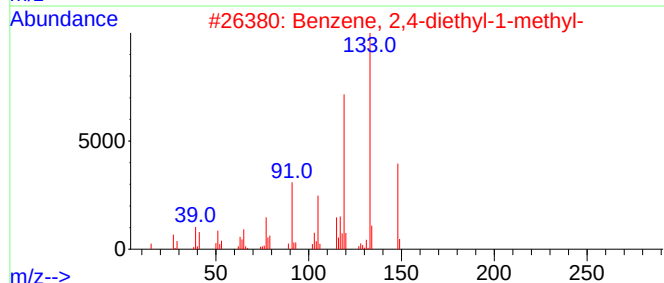
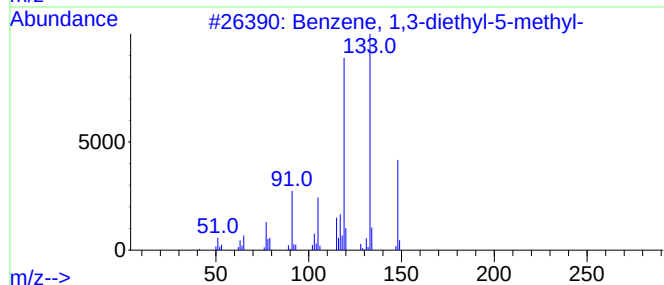
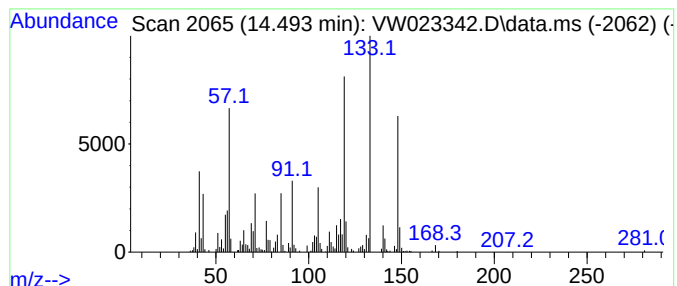
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	5.40 ug/L	126696	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	81
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
4			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74
5			5-Amino-2-methoxybenzonitrile	148	C8H8N2O	214623-57-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

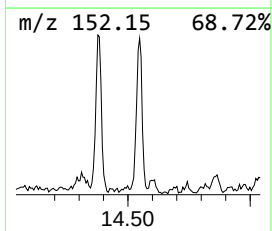
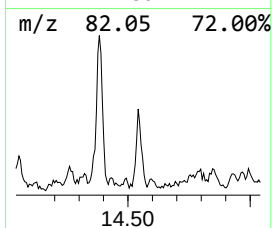
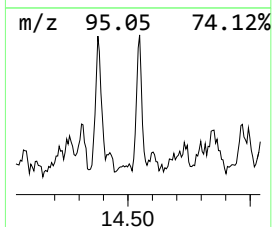
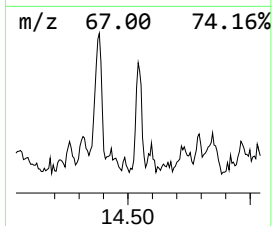
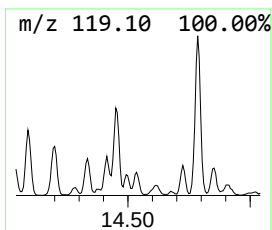
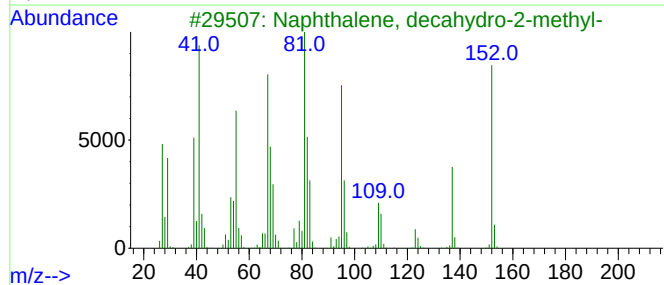
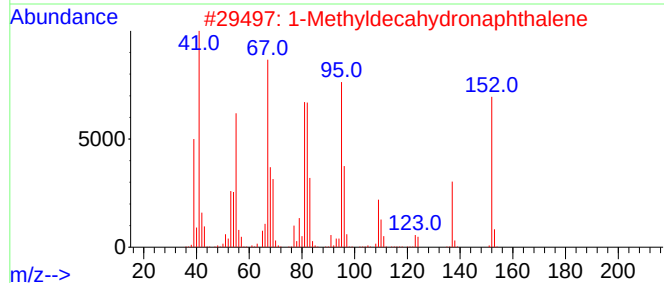
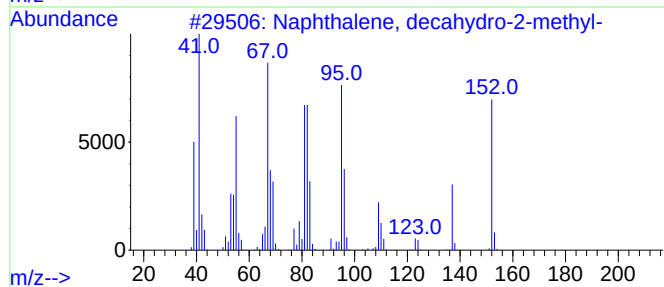
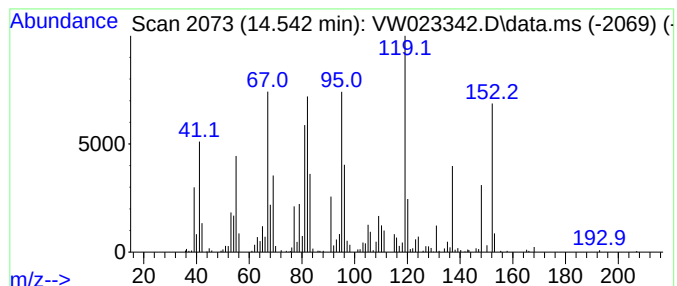
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Quant Title : SFAM01.0

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

Peak Number 26 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	9.75 ug/L	228762	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	91
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

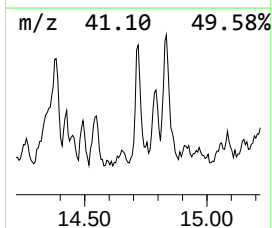
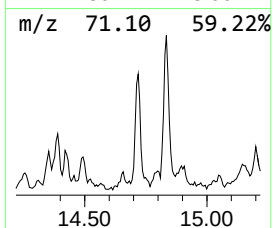
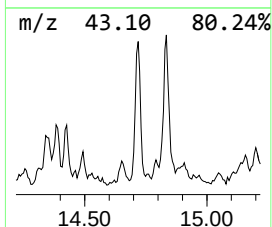
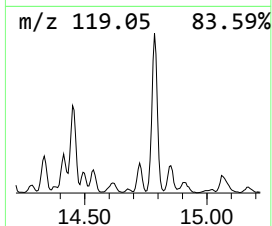
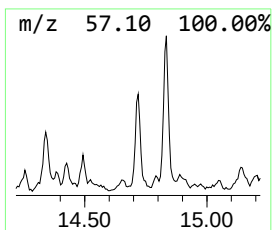
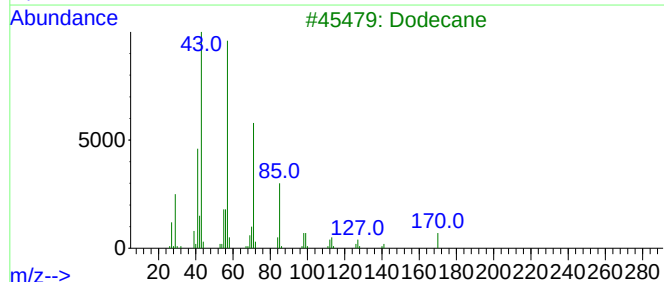
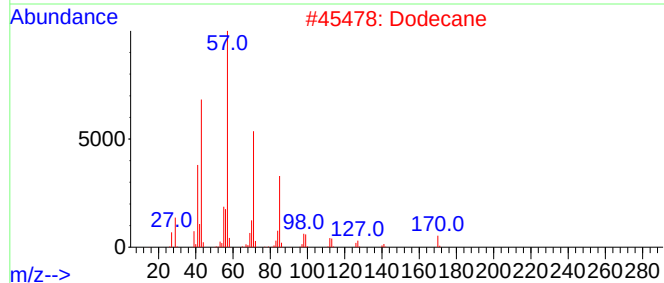
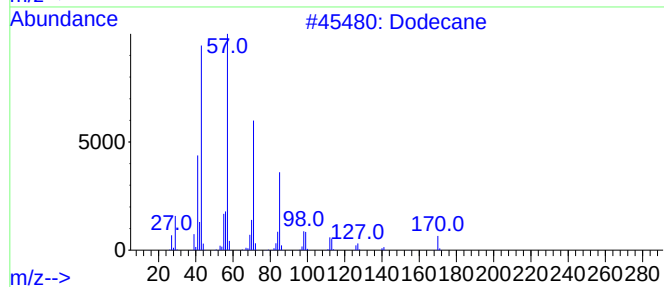
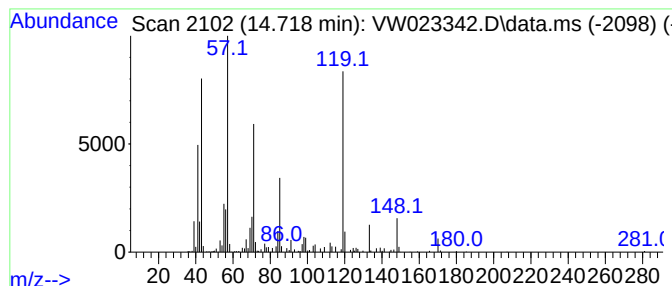
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.718	10.49 ug/L	246074	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	64
2			Dodecane	170	C12H26	000112-40-3	64
3			Dodecane	170	C12H26	000112-40-3	60
4			Dodecane	170	C12H26	000112-40-3	42
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

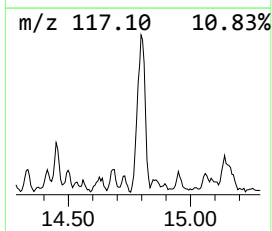
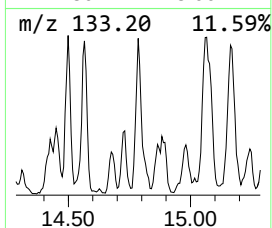
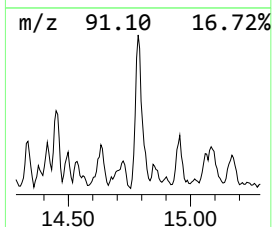
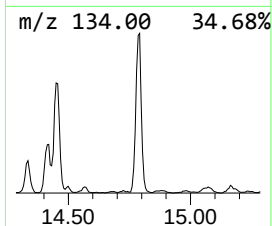
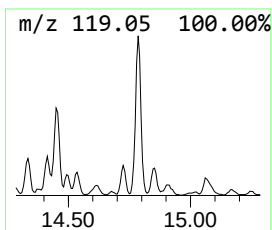
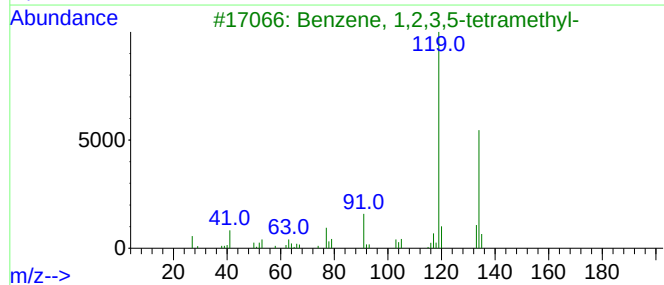
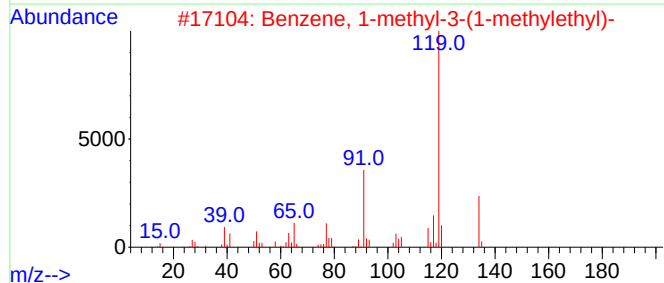
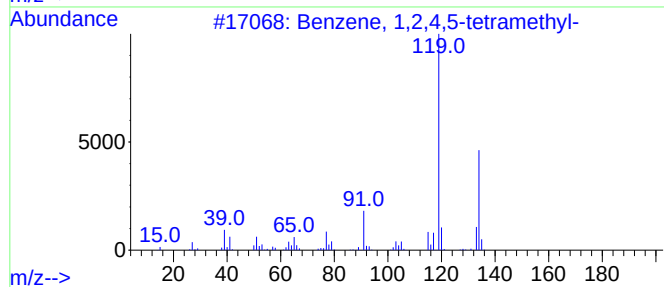
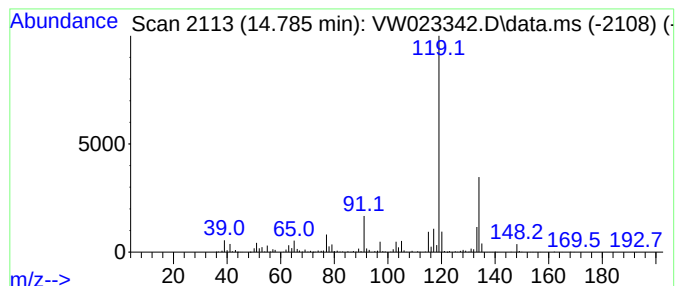
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Quant Title : SFAM01.0

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

Peak Number 28 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	31.12 ug/L	729984	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

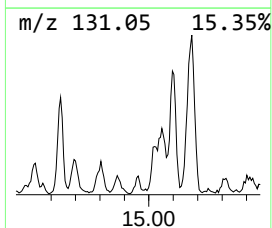
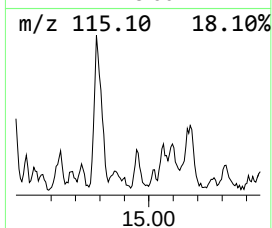
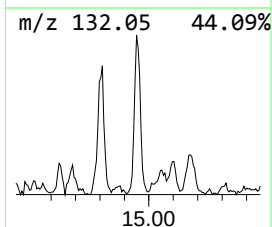
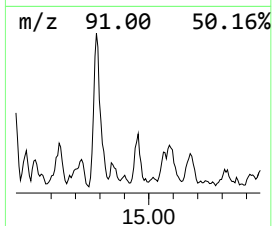
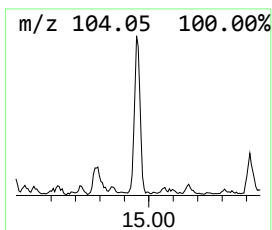
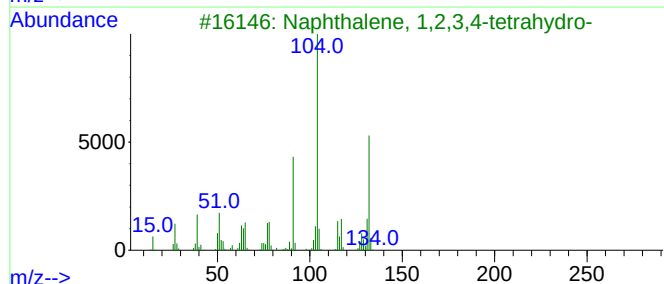
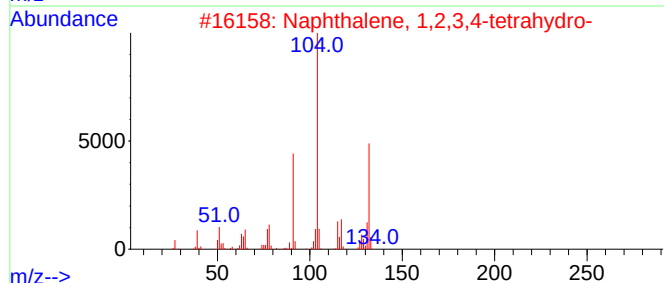
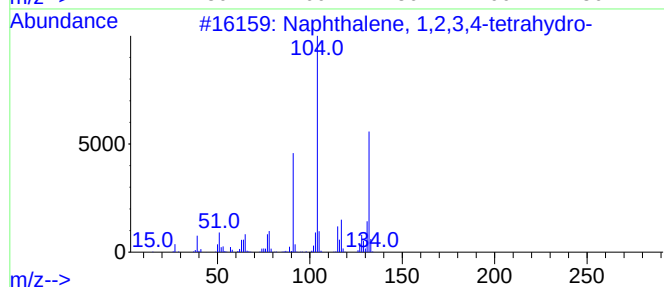
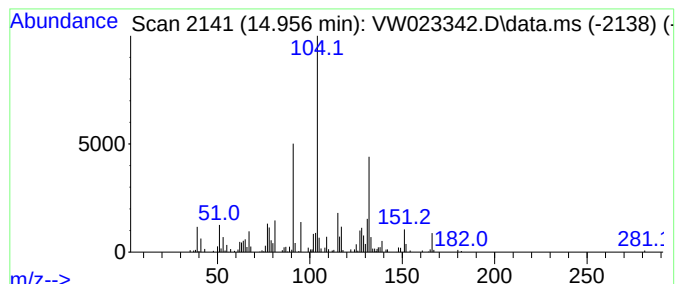
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Quant Title : SFAM01.0

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

Peak Number 29 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	4.13 ug/L	96969	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	62
4			Cyclopropylphenylmethane	132	C10H12	001667-00-1	53
5			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

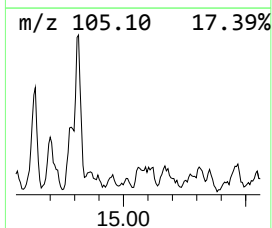
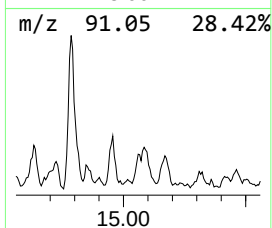
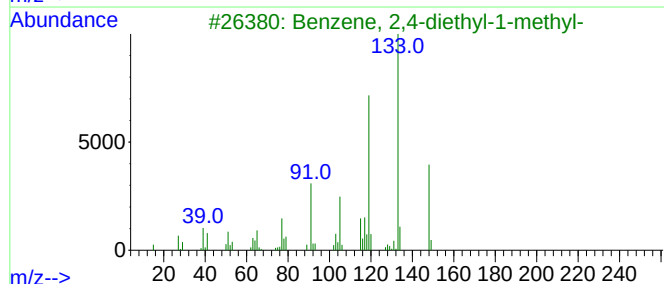
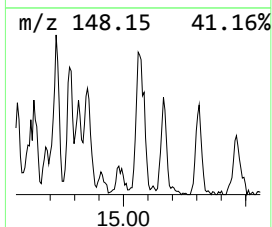
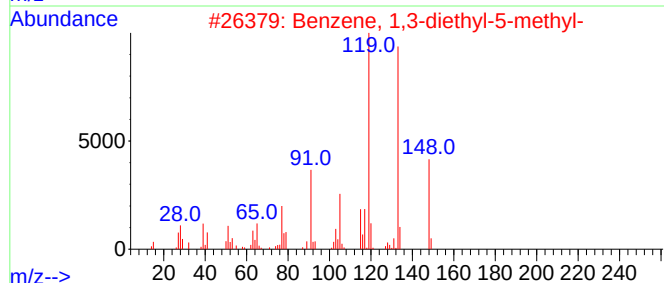
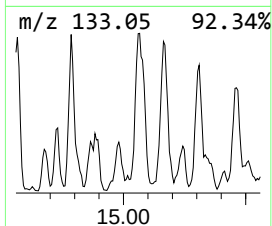
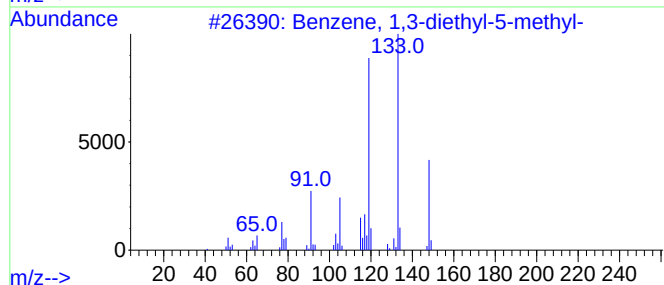
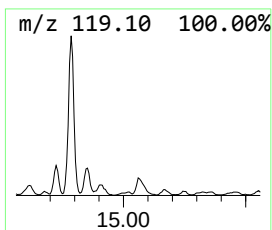
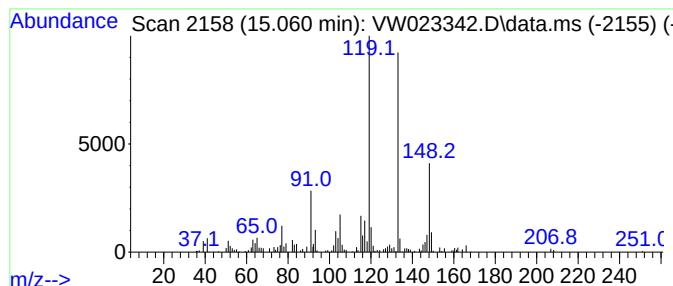
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	3.68 ug/L	86350	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
4			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	52
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

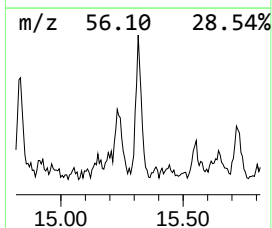
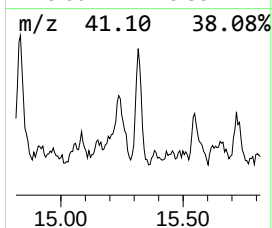
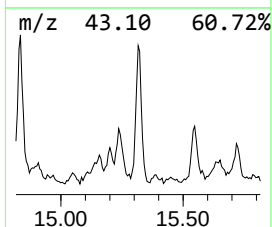
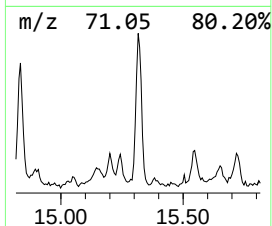
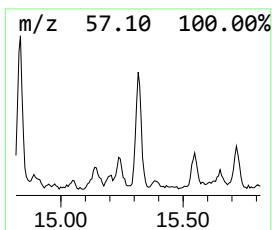
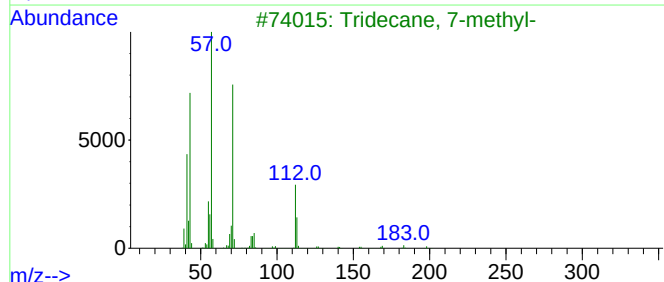
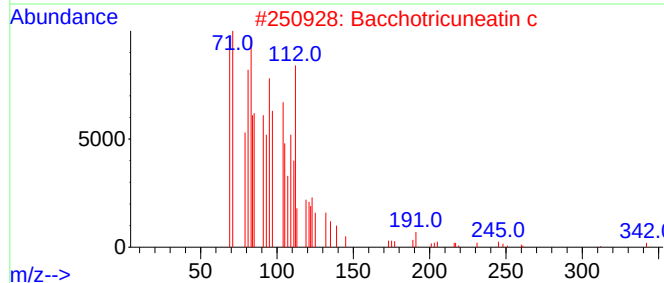
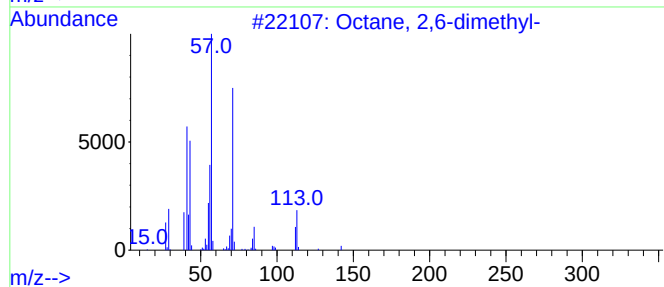
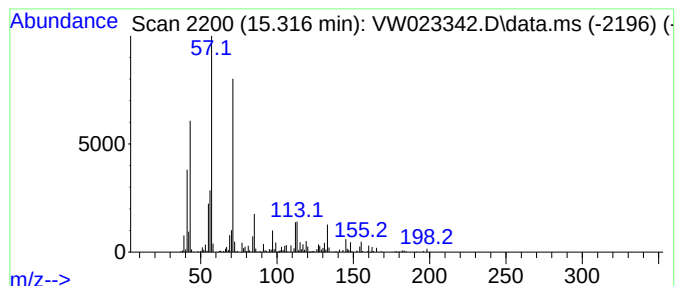
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	11.91 ug/L	279499	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	72
2	Bacchotricuneatin c			342	C20H22O5	066563-30-2	72
3	Tridecane, 7-methyl-			198	C14H30	026730-14-3	70
4	Sulfurous acid, decyl 2-ethylhex...			334	C18H38O3S	1000309-19-3	64
5	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

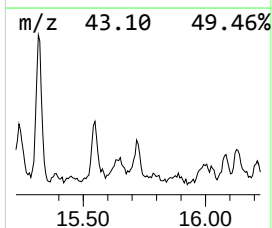
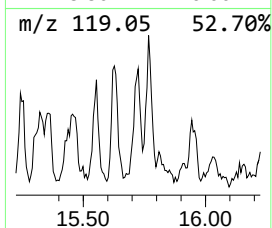
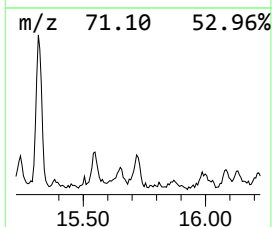
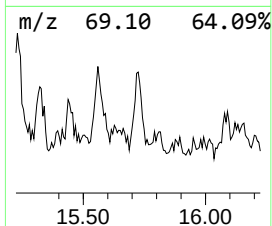
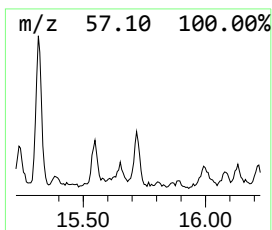
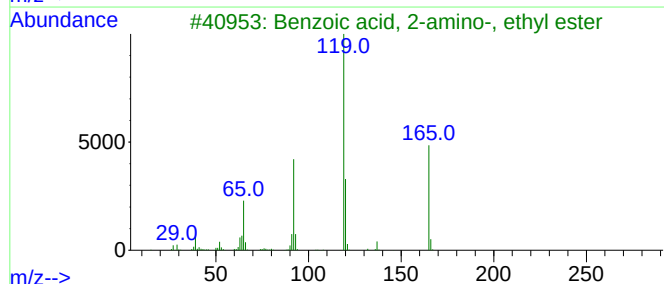
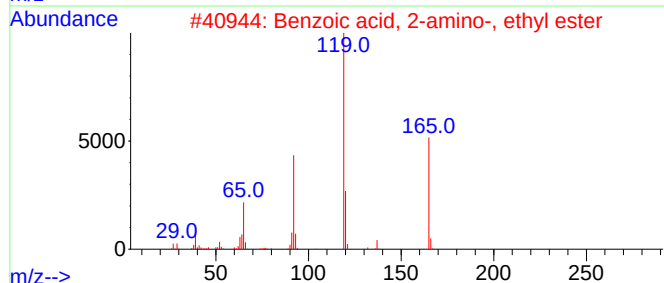
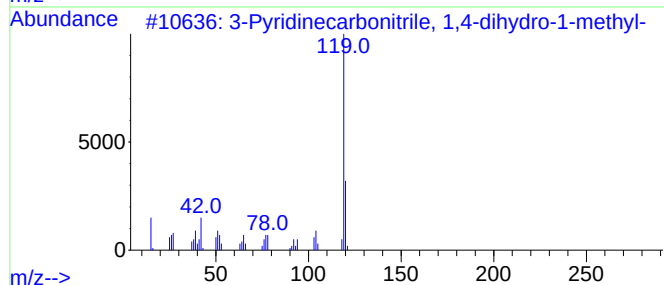
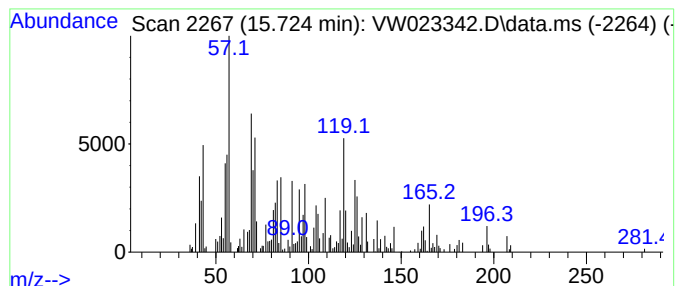
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Quant Title : SFAM01.0

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

Peak Number 32 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.724	4.65 ug/L	109146	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	18
2			Benzoic acid, 2-amino-, ethyl ester	165	C9H11NO2	000087-25-2	14
3			Benzoic acid, 2-amino-, ethyl ester	165	C9H11NO2	000087-25-2	14
4			Benzeneacetaldehyde, 4-methyl-.a...	163	C9H9NO2	017628-76-1	11
5			4-Toluylacetoneitrile	159	C10H9NO	007391-28-8	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023342.D
Acq On : 26 May 2022 00:40
Operator : SY/VA
Sample : N2995-08
Misc : 4.03g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGR1

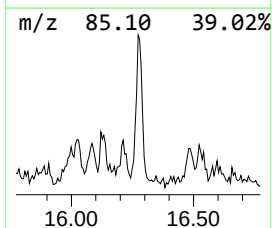
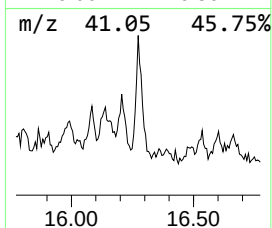
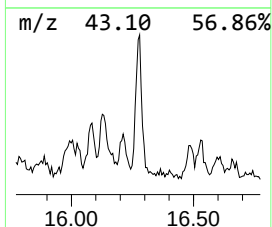
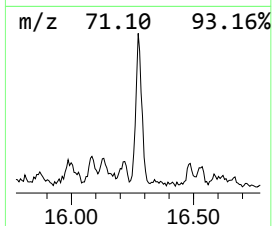
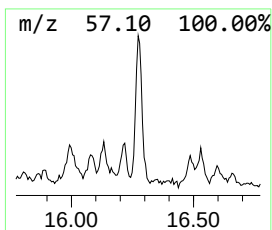
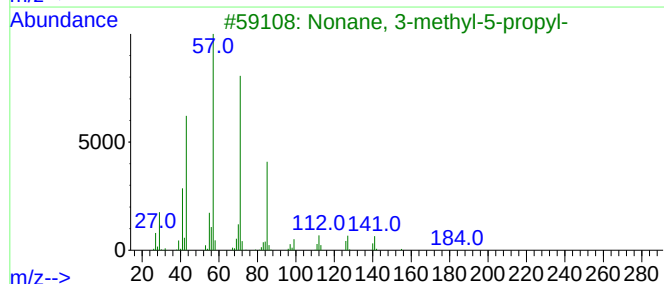
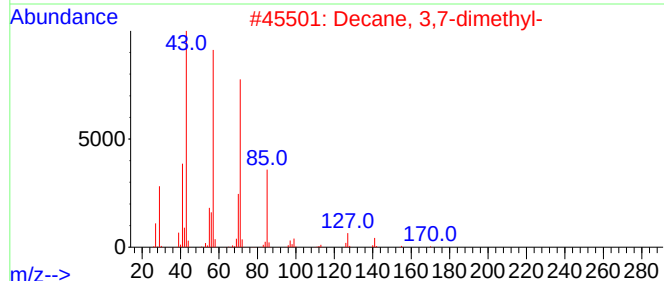
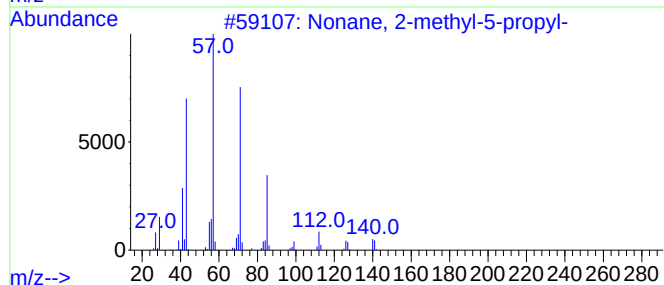
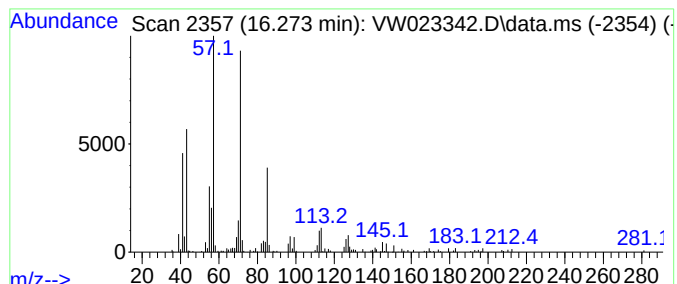
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	7.06 ug/L	165603	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	86
2			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	80
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
4			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023342.D
 Acq On : 26 May 2022 00:40
 Operator : SY/VA
 Sample : N2995-08
 Misc : 4.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.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
3-Butenoic acid	1.965	1.6	ug/L	44032	1	8.841	666277	25.0
(DEL) Alkane: C...	11.225	1.6	ug/L	49985	2	11.628	781887	25.0
(DEL) Alkane: C...	11.432	1.6	ug/L	50642	2	11.628	781887	25.0
(DEL) Alkane: S...	11.841	3.2	ug/L	100310	2	11.628	781887	25.0
(DEL) Alkane: C...	12.140	4.7	ug/L	146989	2	11.628	781887	25.0
(DEL) Alkane: S...	12.249	1.8	ug/L	55882	2	11.628	781887	25.0
(DEL) Alkane: S...	12.359	9.1	ug/L	283364	2	11.628	781887	25.0
(DEL) Alkane: C...	12.780	9.3	ug/L	218861	3	13.554	586482	25.0
unknown-01	12.859	6.3	ug/L	147793	3	13.554	586482	25.0
(DEL) Alkane: C...	13.079	2.3	ug/L	53857	3	13.554	586482	25.0
(DEL) Alkane: S...	13.164	9.6	ug/L	226164	3	13.554	586482	25.0
o-Cymene	13.438	15.7	ug/L	368086	3	13.554	586482	25.0
4-Hydroxy-4-met...	13.621	2.8	ug/L	65426	3	13.554	586482	25.0
(DEL) Alkane: S...	13.694	3.3	ug/L	76963	3	13.554	586482	25.0
Benzene, 1-meth...	13.743	5.6	ug/L	130399	3	13.554	586482	25.0
Benzene, 1-ethy...	13.786	8.8	ug/L	205294	3	13.554	586482	25.0
Benzene, 4-ethy...	14.011	3.5	ug/L	83339	3	13.554	586482	25.0
unknown-02	14.200	11.8	ug/L	276974	3	13.554	586482	25.0
Benzene, 1,2,4,...	14.334	8.0	ug/L	187404	3	13.554	586482	25.0
unknown-03	14.383	6.1	ug/L	143154	3	13.554	586482	25.0
Benzene, 1,2,3,...	14.450	11.8	ug/L	275598	3	13.554	586482	25.0
Benzene, 1,3-di...	14.493	5.4	ug/L	126696	3	13.554	586482	25.0
Naphthalene, de...	14.542	9.8	ug/L	228762	3	13.554	586482	25.0
(DEL) Alkane: S...	14.718	10.5	ug/L	246074	3	13.554	586482	25.0
Benzene, 1-meth...	14.786	31.1	ug/L	729984	3	13.554	586482	25.0
Naphthalene, 1,...	14.956	4.1	ug/L	96969	3	13.554	586482	25.0
Benzene, 2,4-di...	15.060	3.7	ug/L	86350	3	13.554	586482	25.0
(DEL) Alkane: S...	15.316	11.9	ug/L	279499	3	13.554	586482	25.0
unknown-04	15.724	4.7	ug/L	109146	3	13.554	586482	25.0
(DEL) Alkane: S...	16.273	7.1	ug/L	165603	3	13.554	586482	25.0