

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023268.D
 Acq On : 24 May 2022 13:35
 Operator : SY/VA
 Sample : N2996-06
 Misc : 4.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGS9

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: VW023268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	47	rBV	16281	27182	1.72%	0.156%
2	2.215	49	51	53	rBV2	2822	3135	0.20%	0.018%
3	2.349	68	73	81	rBV	120407	201918	12.76%	1.158%
4	2.885	155	161	171	rVB	71618	145722	9.21%	0.836%
5	3.477	256	258	261	rBV3	1035	1220	0.08%	0.007%
6	4.019	335	347	360	rBV	123674	387984	24.52%	2.225%
7	4.123	360	364	374	rVB4	6059	15238	0.96%	0.087%
8	4.324	391	397	400	rBV6	1138	1738	0.11%	0.010%
9	4.922	485	495	507	rBV4	8705	28315	1.79%	0.162%
10	5.129	527	529	532	rVV4	1533	1785	0.11%	0.010%
11	5.172	532	536	538	rVV4	1399	1373	0.09%	0.008%
12	5.293	554	556	561	rVB4	935	1708	0.11%	0.010%
13	5.330	561	562	566	rBV2	1186	1428	0.09%	0.008%
14	5.550	591	598	601	rVB6	1110	1663	0.11%	0.010%
15	5.586	601	604	608	rBV5	1399	1584	0.10%	0.009%
16	5.684	618	620	623	rBV4	1288	1403	0.09%	0.008%
17	5.714	623	625	629	rVB3	946	1357	0.09%	0.008%
18	5.830	642	644	648	rBV5	1163	1918	0.12%	0.011%
19	5.934	654	661	663	rBV6	3029	5871	0.37%	0.034%
20	6.220	704	708	709	rBV3	1251	1290	0.08%	0.007%
21	6.708	783	788	789	rVB3	1137	1562	0.10%	0.009%
22	6.732	789	792	794	rBV3	1216	1606	0.10%	0.009%
23	6.811	803	805	808	rVB4	1445	1375	0.09%	0.008%
24	6.946	825	827	829	rBV2	1504	1303	0.08%	0.007%
25	7.080	840	849	857	rBV	51158	145085	9.17%	0.832%
26	7.263	871	879	889	rVB	8703	21903	1.38%	0.126%
27	7.555	920	927	929	rVV8	1796	3304	0.21%	0.019%
28	7.647	932	942	954	rVV	240682	592833	37.47%	3.400%
29	8.275	1035	1045	1063	rBV2	416504	1315782	83.17%	7.547%
30	8.390	1063	1064	1066	rBV2	1574	1205	0.08%	0.007%
31	8.409	1066	1067	1071	rVB4	1615	1271	0.08%	0.007%
32	8.561	1089	1092	1095	rVB5	1292	1466	0.09%	0.008%
33	8.695	1112	1114	1118	rVB5	1637	1714	0.11%	0.010%
34	8.744	1120	1122	1128	rVB5	1728	2042	0.13%	0.012%
35	8.842	1128	1138	1149	rBV	456181	908834	57.45%	5.213%
36	8.939	1152	1154	1156	rVV2	1526	1633	0.10%	0.009%

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

37	9.043	1168	1171	1172	rBV3	1284	1576	0.10%	0.009%
38	9.085	1175	1178	1182	rVB7	2860	5085	0.32%	0.029%
39	9.140	1182	1187	1190	rBV5	1494	2379	0.15%	0.014%
40	9.213	1195	1199	1200	rBV4	1356	1450	0.09%	0.008%

41	9.274	1200	1209	1219	rBV	323783	638814	40.38%	3.664%
42	9.652	1269	1271	1275	rVV4	2699	2926	0.18%	0.017%
43	9.762	1285	1289	1291	rVB3	1342	1648	0.10%	0.009%
44	10.037	1326	1334	1342	rVV	166573	303524	19.19%	1.741%
45	10.116	1345	1347	1348	rVV2	1485	1288	0.08%	0.007%

46	10.158	1352	1354	1357	rVB3	1463	1488	0.09%	0.009%
47	10.201	1357	1361	1363	rBV5	1598	2533	0.16%	0.015%
48	10.323	1372	1381	1388	rBV	636073	1102524	69.69%	6.324%
49	10.384	1389	1391	1399	rVB2	8315	12500	0.79%	0.072%
50	10.488	1406	1408	1409	rBV2	1667	1370	0.09%	0.008%

51	10.579	1415	1423	1434	rBV	113785	198571	12.55%	1.139%
52	10.701	1434	1443	1449	rBV	37389	72111	4.56%	0.414%
53	10.841	1464	1466	1469	rBV4	1677	2201	0.14%	0.013%
54	10.920	1472	1479	1488	rBV	218660	379100	23.96%	2.174%
55	11.225	1524	1529	1535	rVB5	10129	17116	1.08%	0.098%

56	11.280	1535	1538	1543	rBV5	3439	5639	0.36%	0.032%
57	11.341	1543	1548	1551	rBV3	12405	22322	1.41%	0.128%
58	11.402	1551	1558	1560	rBV4	14555	29265	1.85%	0.168%
59	11.512	1570	1576	1586	rVB	66461	120671	7.63%	0.692%
60	11.628	1586	1595	1602	rBV	702876	1229692	77.73%	7.053%

61	11.695	1602	1606	1611	rVB	25196	37982	2.40%	0.218%
62	11.762	1613	1617	1621	rBV2	24747	40693	2.57%	0.233%
63	11.817	1621	1626	1630	rBV4	37225	68950	4.36%	0.395%
64	11.872	1630	1635	1639	rBV2	141842	240421	15.20%	1.379%
65	12.000	1653	1656	1659	rBV	23917	37714	2.38%	0.216%

66	12.061	1661	1666	1671	rVB2	131505	225113	14.23%	1.291%
67	12.134	1671	1678	1684	rBV3	334856	688832	43.54%	3.951%
68	12.250	1693	1697	1701	rVB	261264	398218	25.17%	2.284%
69	12.329	1701	1710	1713	rBV6	182183	503393	31.82%	2.887%
70	12.609	1751	1756	1761	rVB3	231397	398404	25.18%	2.285%

71	12.688	1764	1769	1775	rBV	385913	695337	43.95%	3.988%
72	12.865	1791	1798	1802	rBV	289657	562260	35.54%	3.225%
73	12.938	1806	1810	1815	rVB	454254	743541	47.00%	4.265%
74	13.073	1829	1832	1836	rVB4	78897	109931	6.95%	0.631%
75	13.121	1836	1840	1843	rBV2	76842	119278	7.54%	0.684%

76	13.164	1844	1847	1850	rVB2	58823	72667	4.59%	0.417%
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 Title : SFAM01.0

77	13.249	1856	1861	1865	rVB	360777	523424	33.08%	3.002%
78	13.438	1887	1892	1897	rBV2	147811	238935	15.10%	1.370%
79	13.493	1897	1901	1905	rVB	87688	138462	8.75%	0.794%
80	13.554	1905	1911	1921	rVB2	879355	1582068	100.00%	9.074%
81	13.646	1924	1926	1930	rVB	21413	25019	1.58%	0.144%
82	13.713	1934	1937	1938	rBV	39906	39036	2.47%	0.224%
83	13.743	1939	1942	1946	rVV	100753	127106	8.03%	0.729%
84	13.786	1946	1949	1954	rVB2	120731	172000	10.87%	0.987%
85	13.853	1954	1960	1969	rVB	684111	1263517	79.86%	7.247%
86	13.944	1971	1975	1979	rVB	56635	75877	4.80%	0.435%
87	14.005	1982	1985	1987	rBV2	37123	46886	2.96%	0.269%
88	14.194	2012	2016	2022	rVB3	30998	50582	3.20%	0.290%
89	14.255	2023	2026	2032	rVB8	16302	28242	1.79%	0.162%
90	14.328	2034	2038	2043	rBV4	20240	36096	2.28%	0.207%
91	14.383	2044	2047	2050	rBV5	11269	16269	1.03%	0.093%
92	14.450	2056	2058	2062	rVB2	10529	11755	0.74%	0.067%
93	14.499	2063	2066	2069	rBV5	8021	9196	0.58%	0.053%
94	14.725	2100	2103	2108	rVB6	8132	11374	0.72%	0.065%
95	14.786	2109	2113	2120	rBV3	17932	38822	2.45%	0.223%
96	14.950	2138	2140	2145	rVB5	4551	5921	0.37%	0.034%
97	15.158	2172	2174	2176	rBV3	4664	5350	0.34%	0.031%
98	15.322	2196	2201	2204	rBV6	5200	10616	0.67%	0.061%
99	16.432	2378	2383	2388	rBV4	10391	22232	1.41%	0.128%
100	16.639	2411	2417	2425	rVB4	9189	20751	1.31%	0.119%

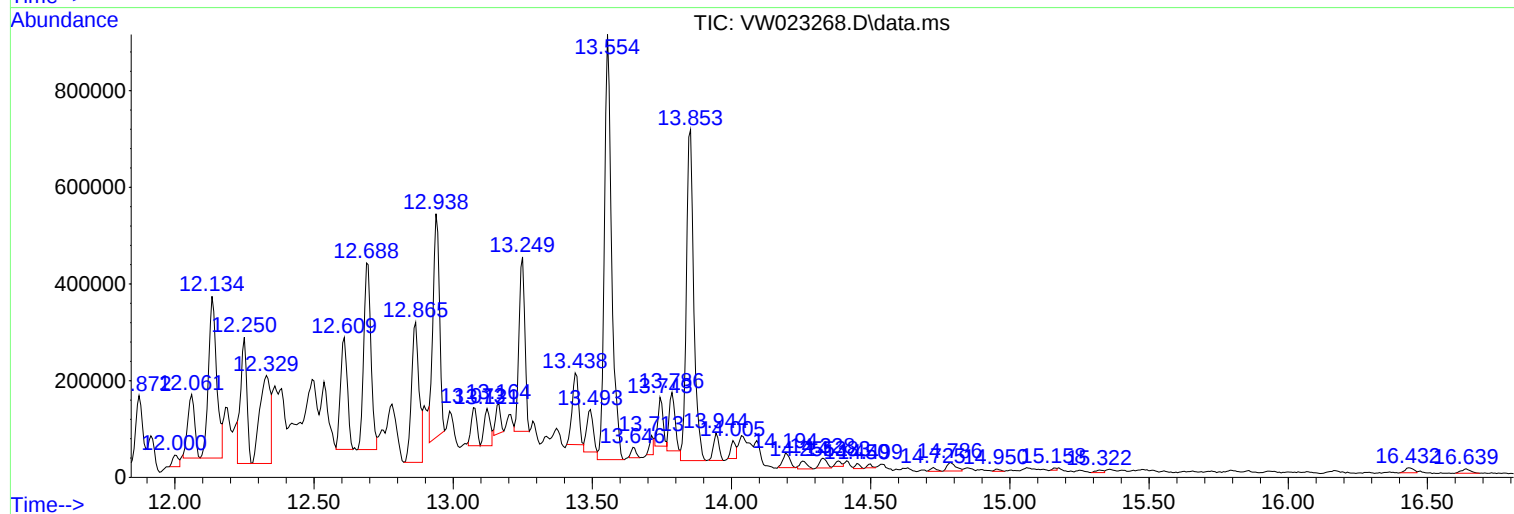
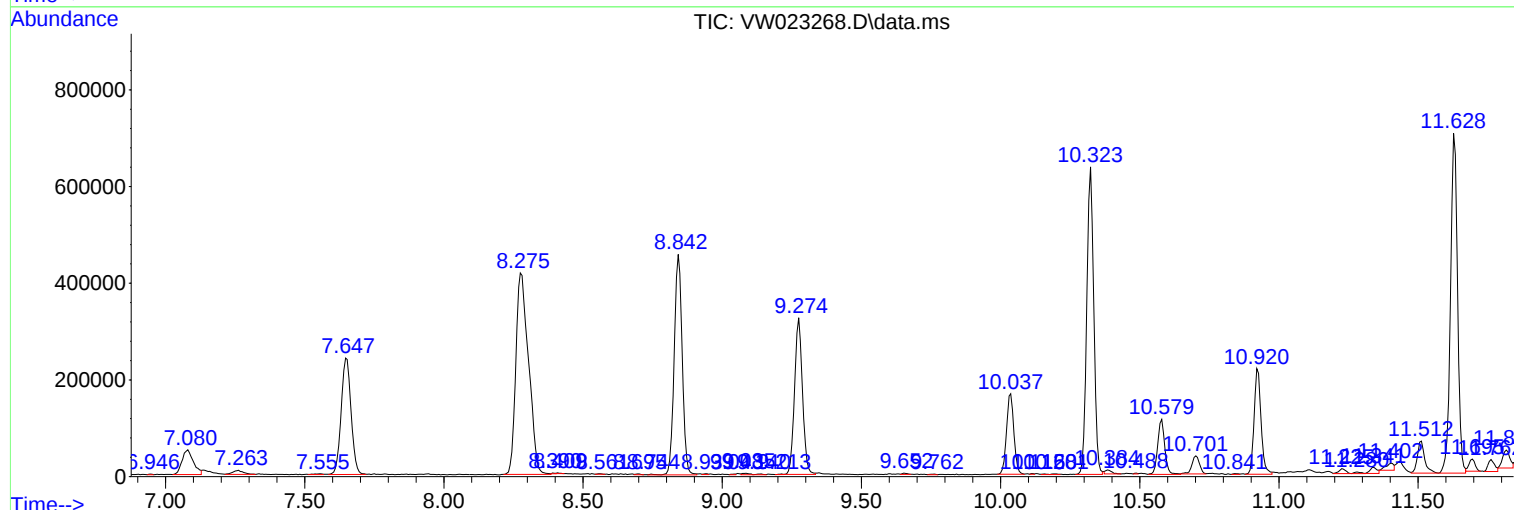
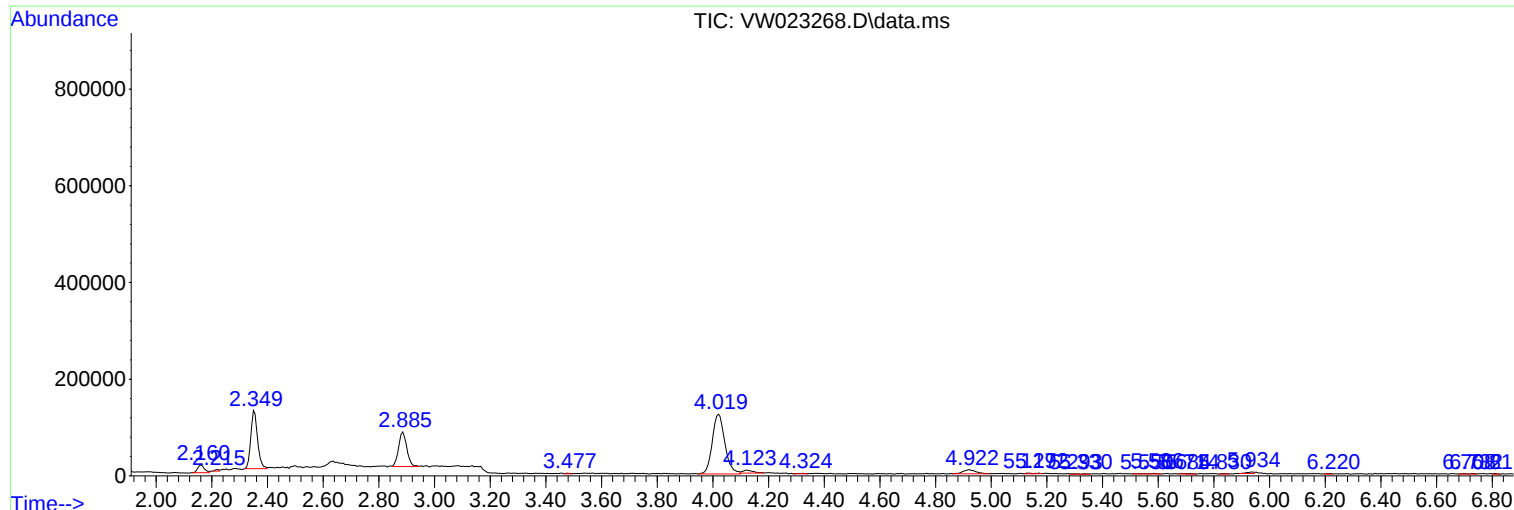
Sum of corrected areas: 17434813

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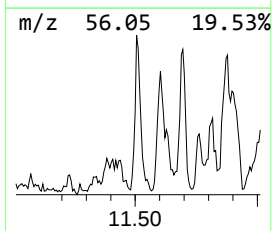
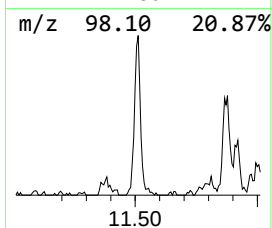
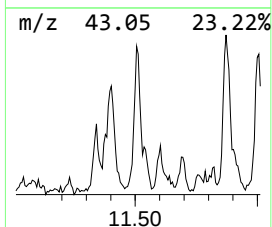
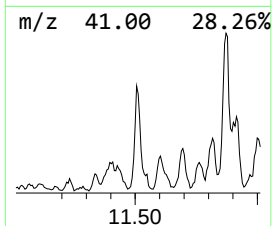
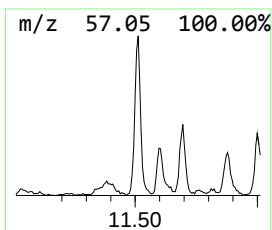
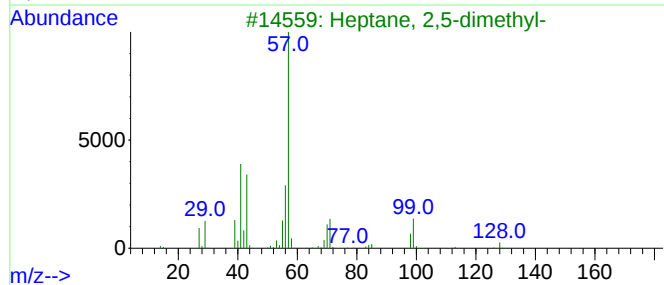
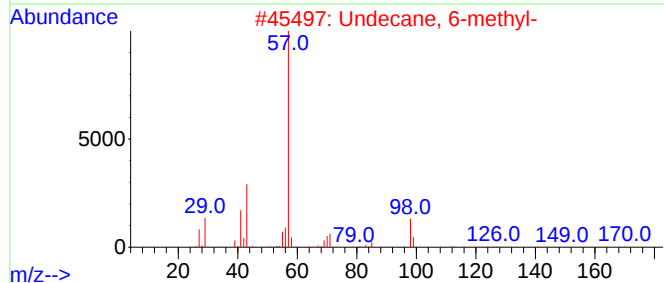
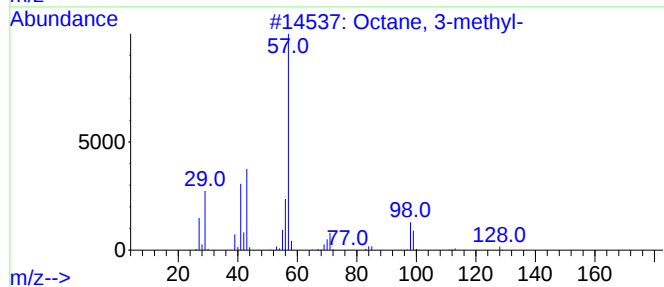
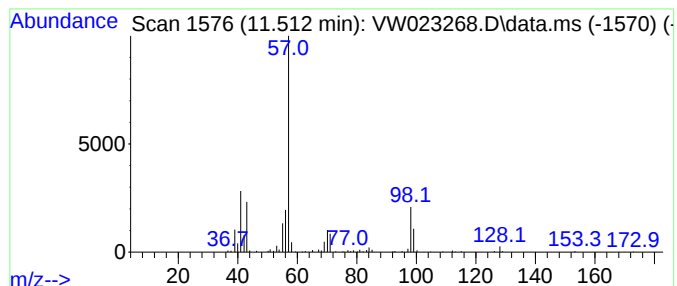
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	2.45 ug/L	120671	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-			128	C9H20	002216-33-3	91
2	Undecane, 6-methyl-			170	C12H26	017302-33-9	53
3	Heptane, 2,5-dimethyl-			128	C9H20	002216-30-0	52
4	Octane, 3-methyl-			128	C9H20	002216-33-3	50
5	Oxalic acid, isobutyl heptyl ester			244	C13H24O4	1000309-37-2	50



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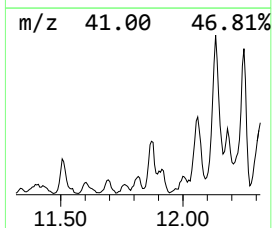
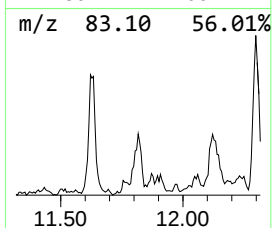
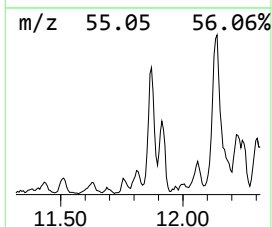
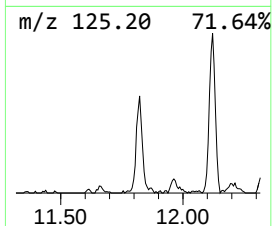
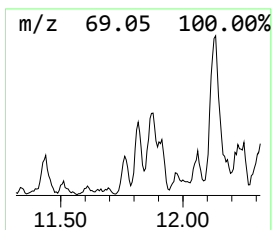
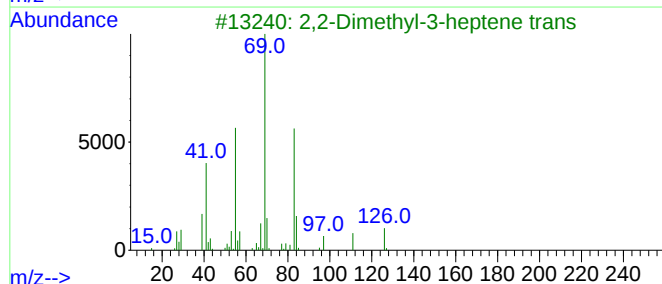
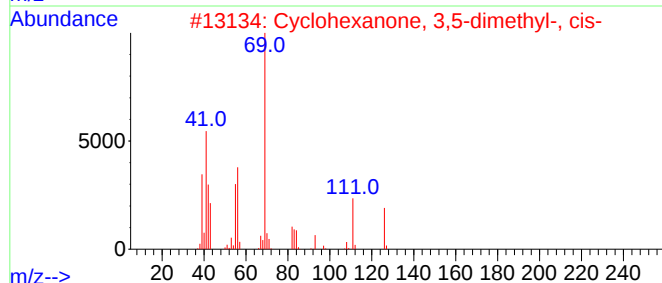
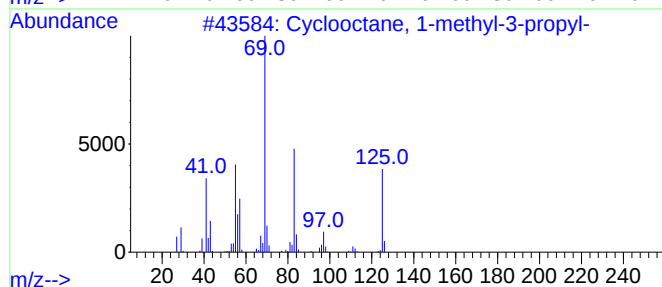
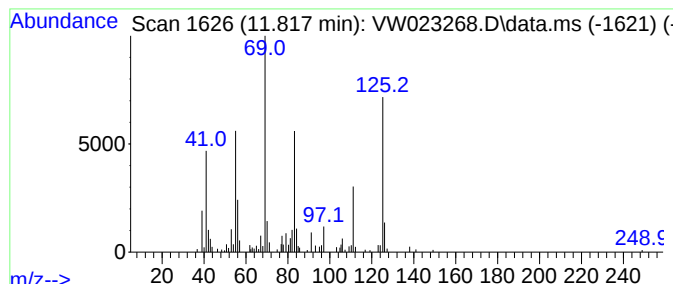
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.817 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.817	1.40 ug/L	68950	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	86
2			Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	52
3			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	49
4			Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	45
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



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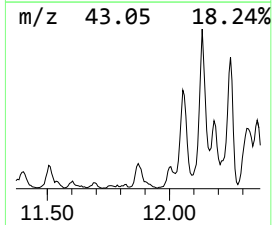
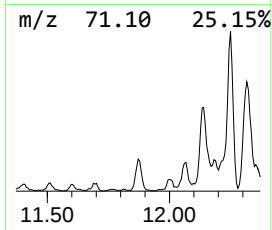
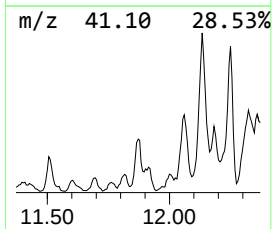
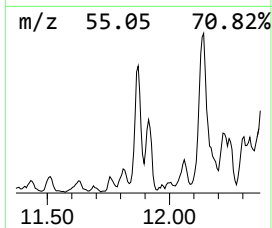
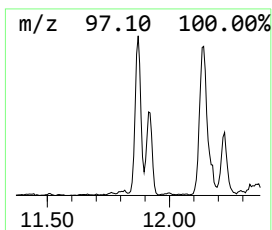
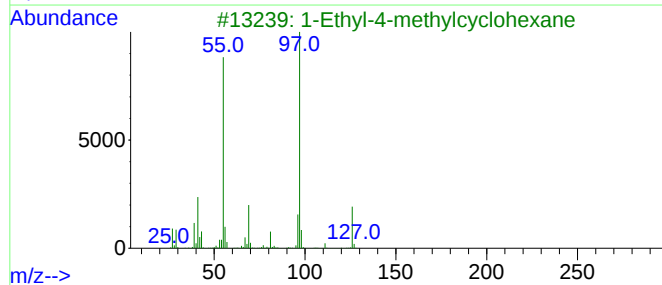
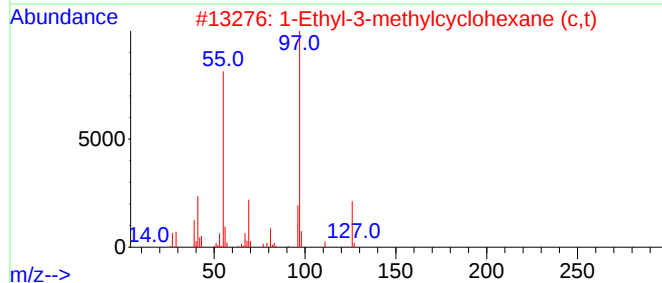
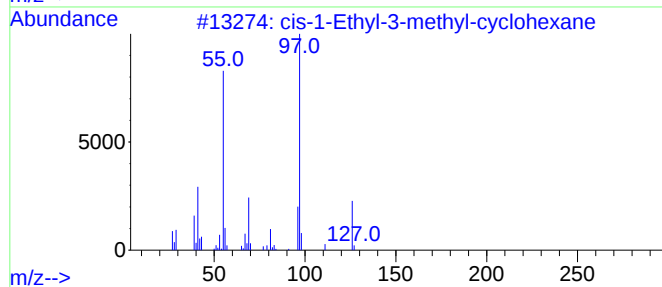
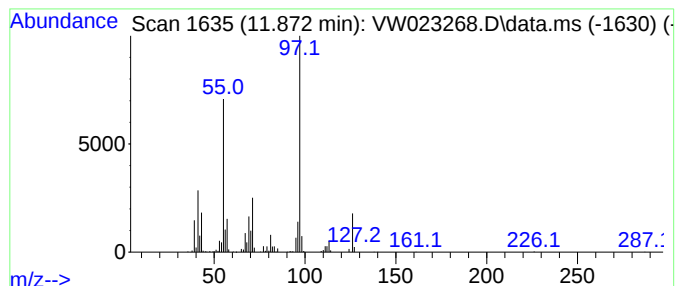
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.871 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.871	4.89 ug/L	240421	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	93
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	92
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

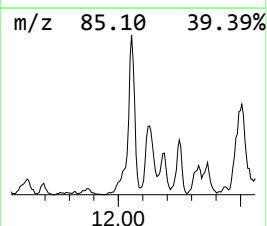
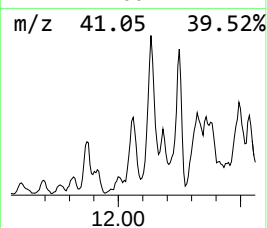
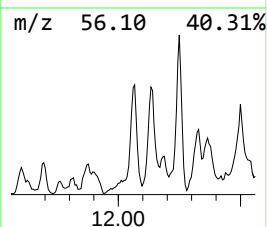
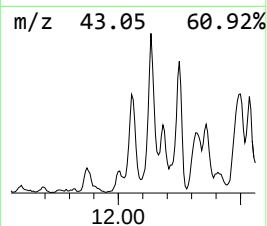
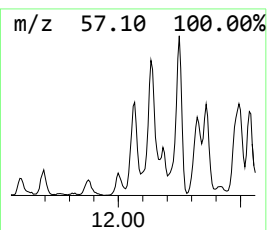
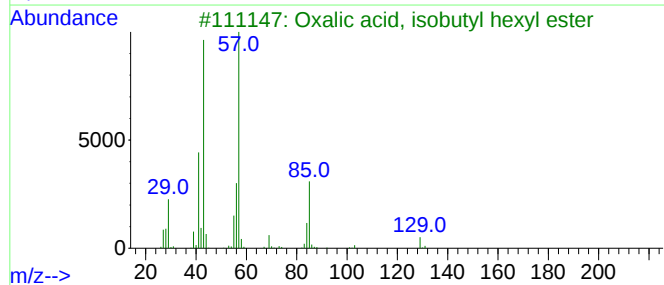
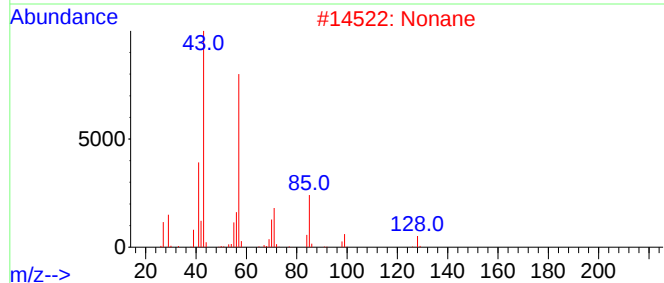
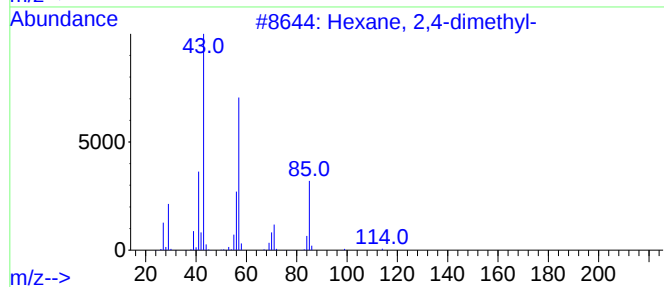
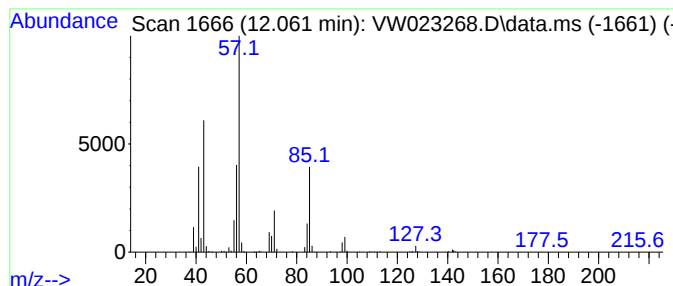
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	4.58 ug/L	225113	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
2			Nonane	128	C9H20	000111-84-2	62
3			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	59
4			Decane, 3-methyl-	156	C11H24	013151-34-3	53
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

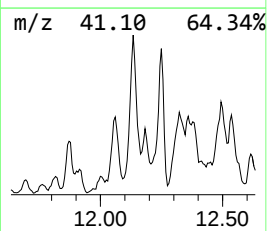
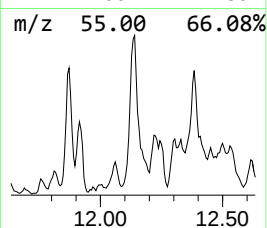
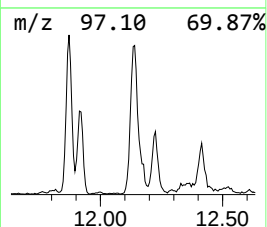
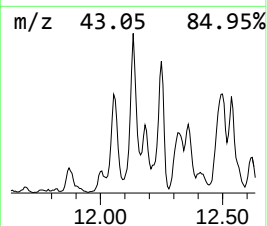
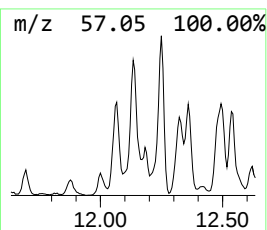
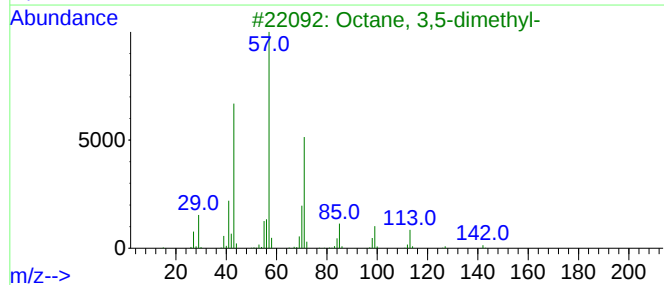
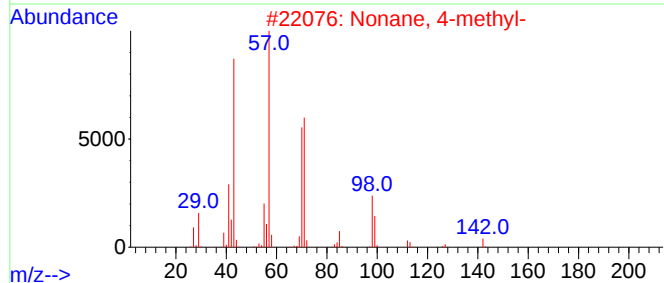
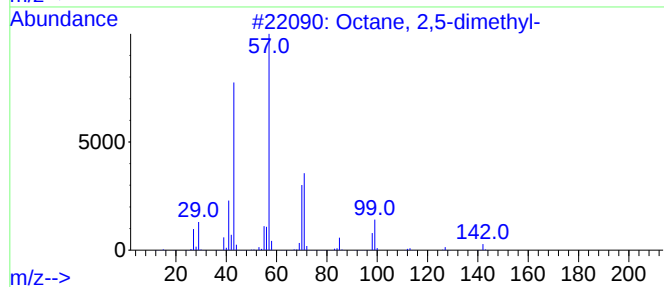
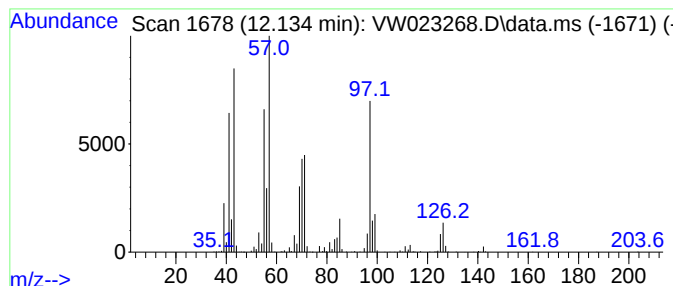
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	14.00 ug/L	688832	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-			142	C10H22	015869-89-3	46
2	Nonane, 4-methyl-			142	C10H22	017301-94-9	46
3	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	43
4	Cyclohexane, 1,2,3-trimethyl-			126	C9H18	001678-97-3	43
5	6-Methyloctyl acetate			186	C11H22O2	1000439-66-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

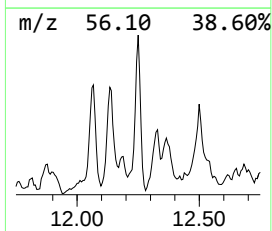
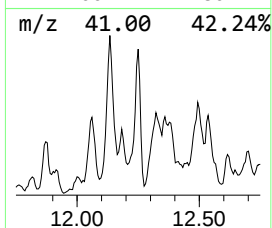
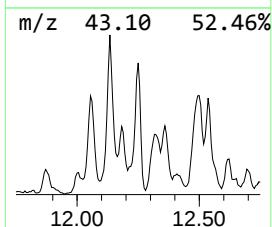
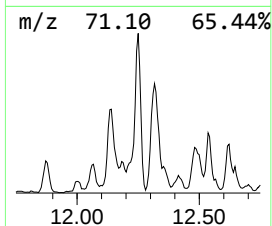
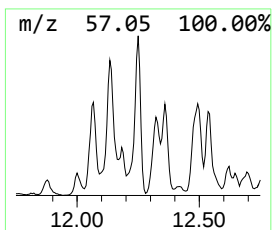
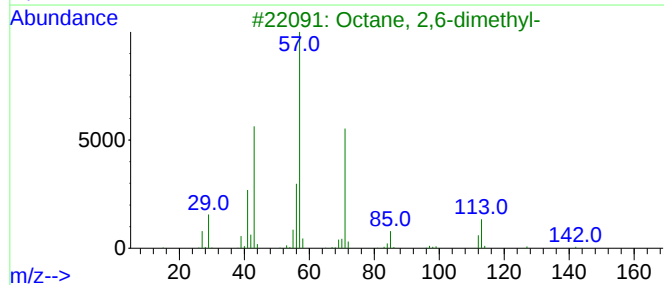
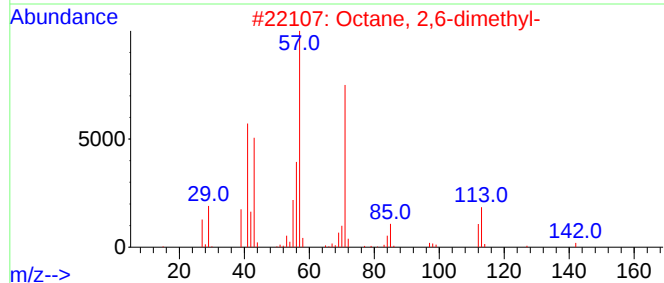
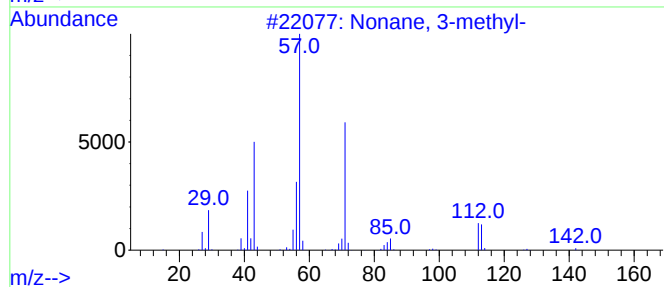
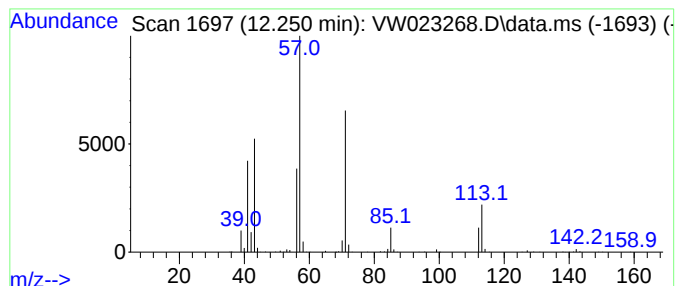
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	8.10 ug/L	398218	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

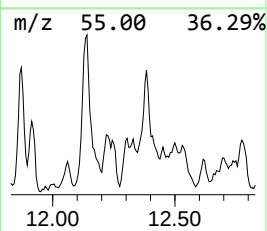
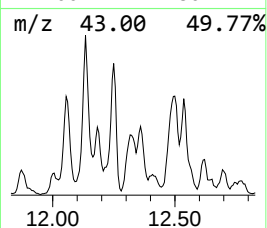
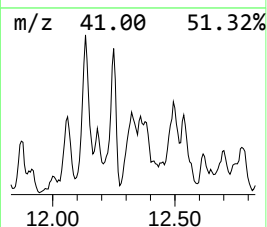
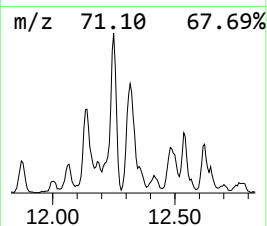
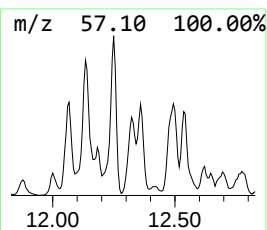
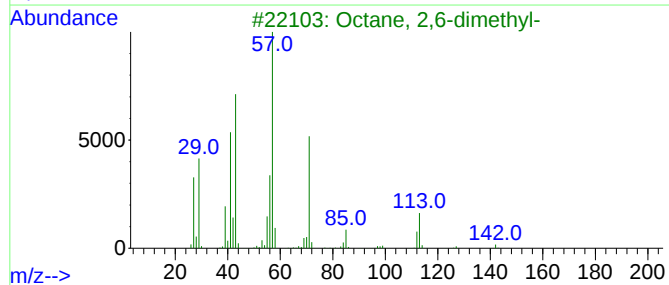
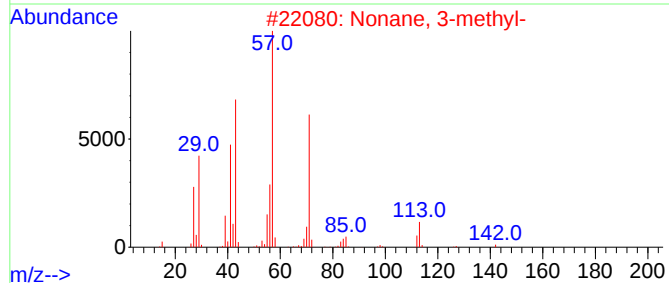
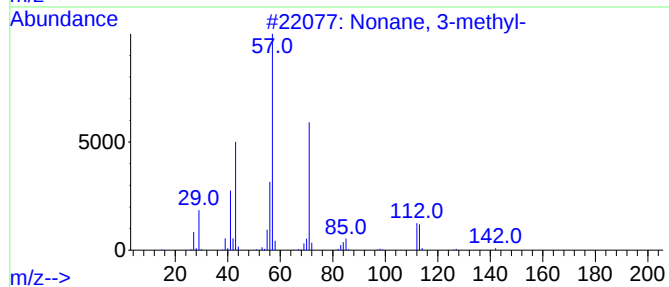
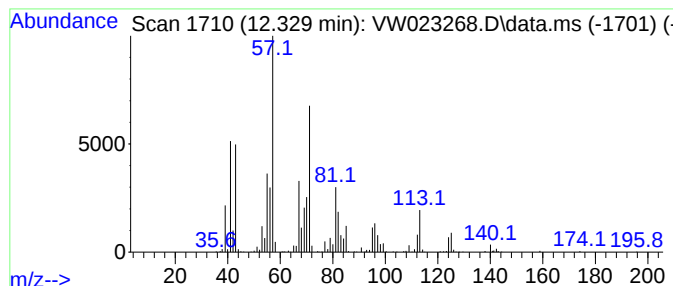
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MSVOA_W
ClientSampleId :
GBGS9

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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.329	10.23 ug/L	503393	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	58
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	58
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	52
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	52
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

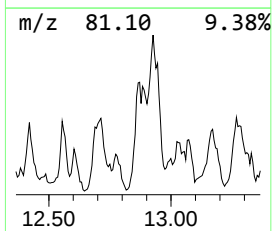
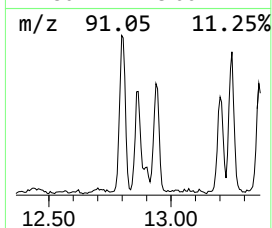
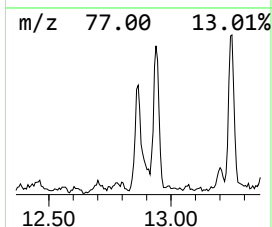
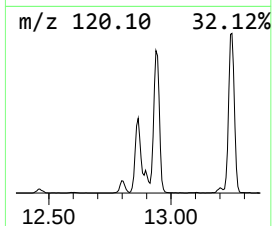
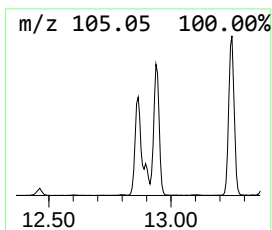
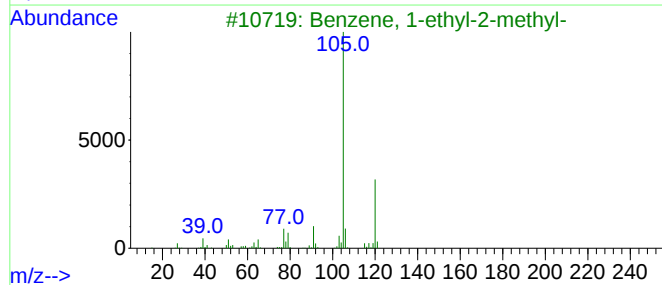
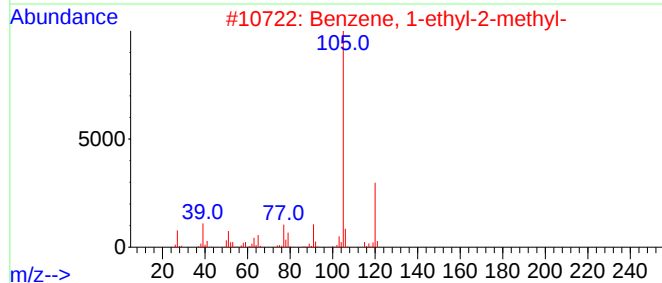
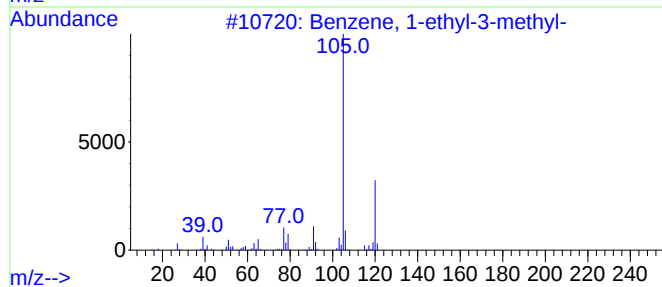
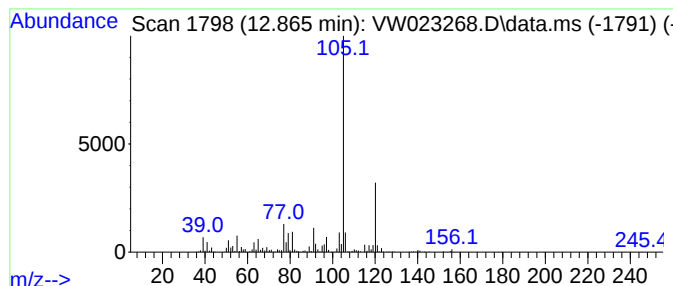
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	8.88 ug/L	562260	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	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

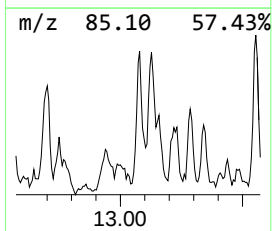
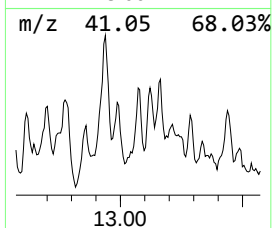
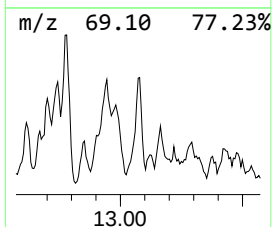
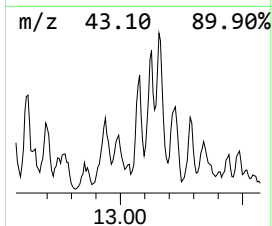
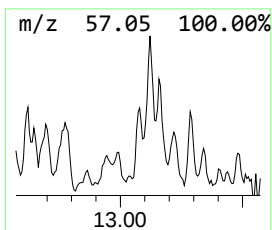
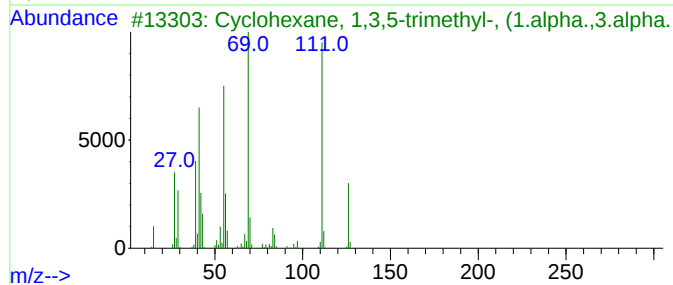
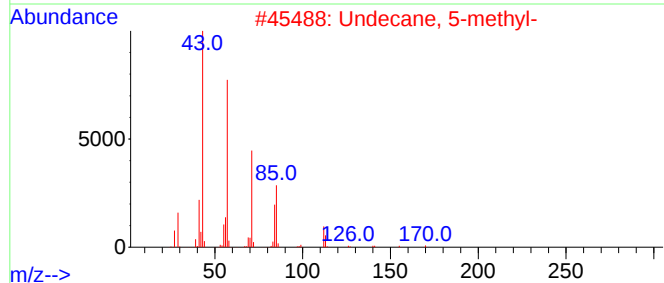
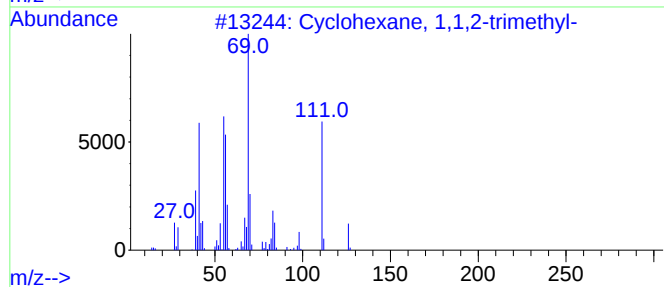
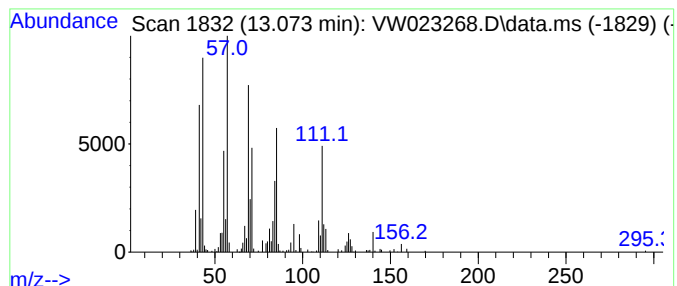
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic13.073 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.073	1.74 ug/L	109931	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			Undecane, 5-methyl-	170	C12H26	001632-70-8	38
3			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	38
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30
5			2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

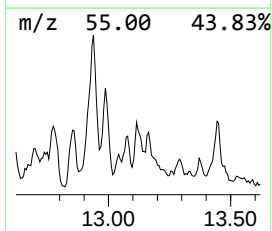
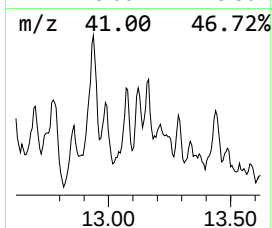
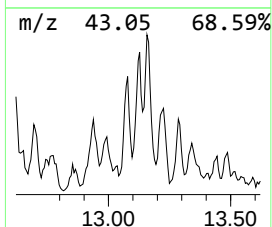
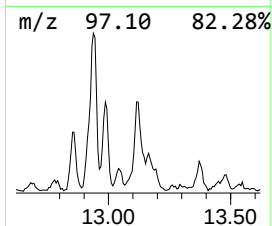
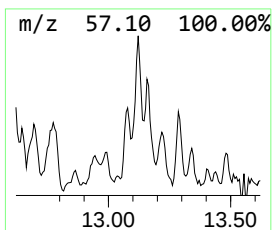
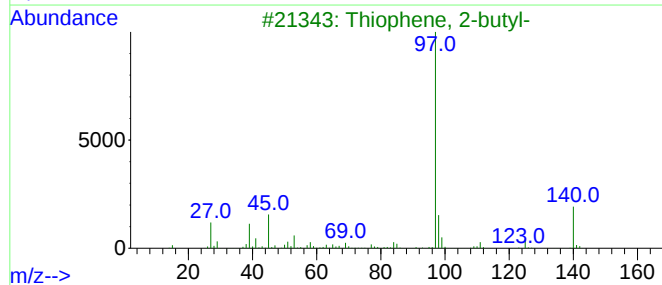
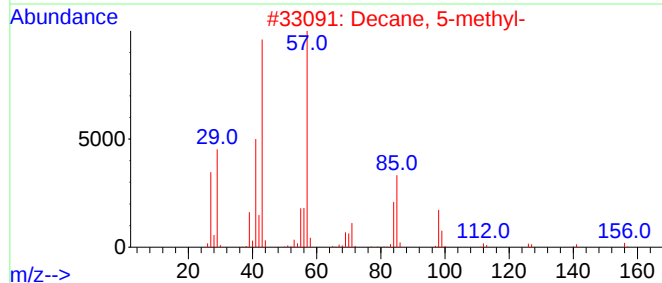
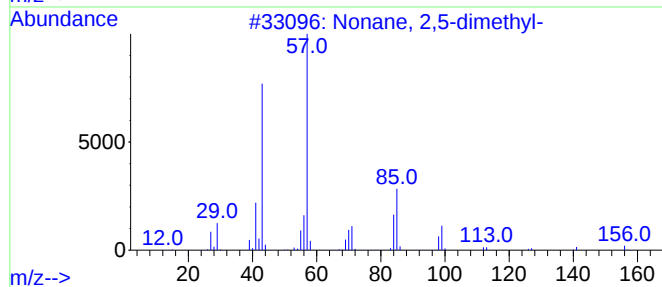
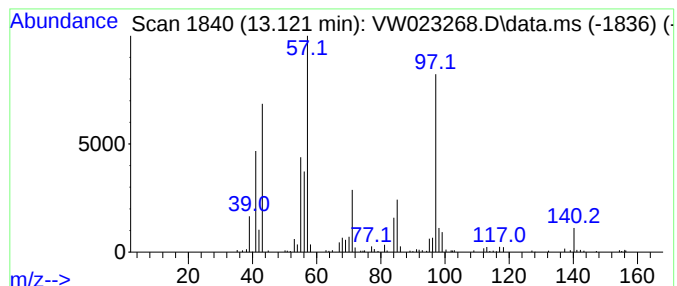
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	1.88 ug/L	119278	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	42
2			Decane, 5-methyl-	156	C11H24	013151-35-4	38
3			Thiophene, 2-butyl-	140	C8H12S	001455-20-5	38
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	30
5			Decane, 5-methyl-	156	C11H24	013151-35-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

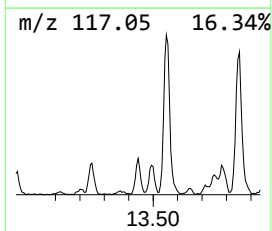
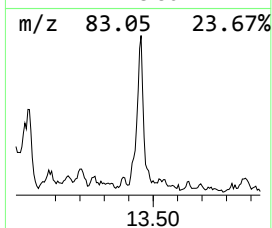
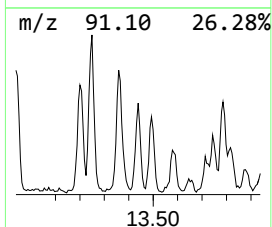
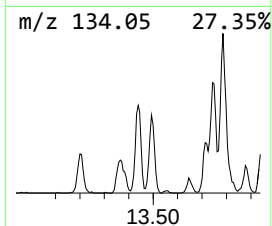
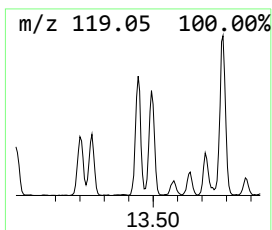
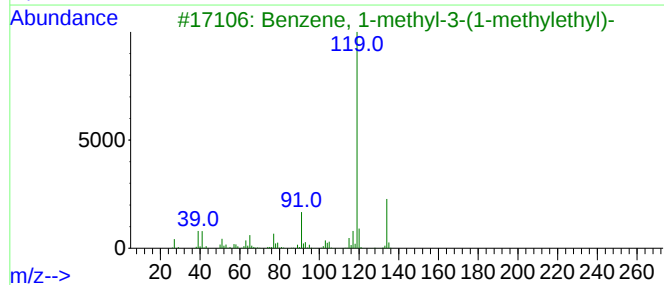
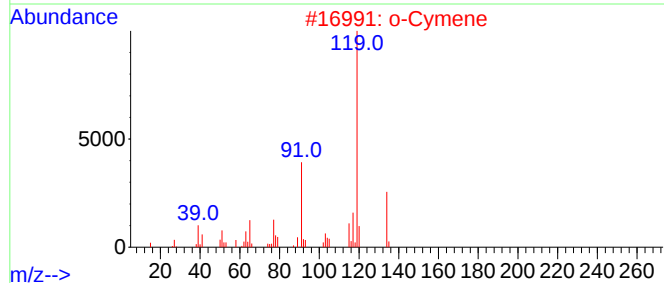
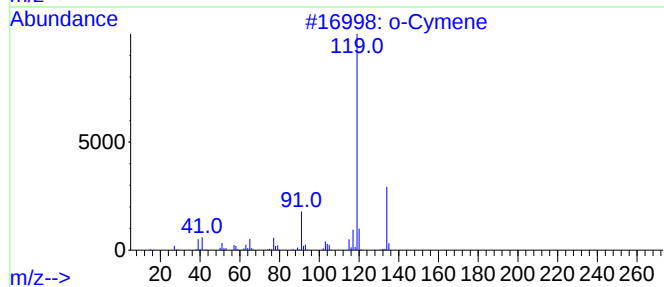
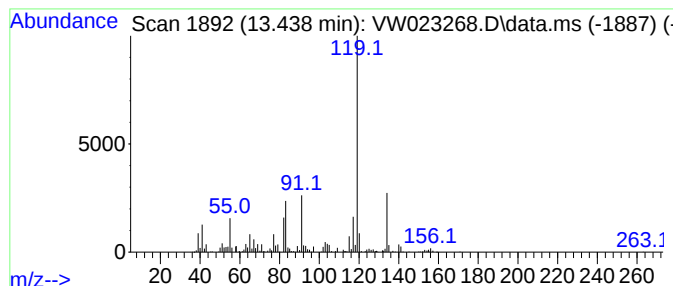
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Quant Title : SFAM01.0

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

Peak Number 14 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	3.78 ug/L	238935	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	76
2			o-Cymene	134	C10H14	000527-84-4	76
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4			p-Cymene	134	C10H14	000099-87-6	76
5			p-Cymene	134	C10H14	000099-87-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

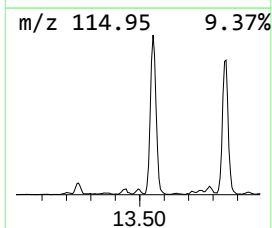
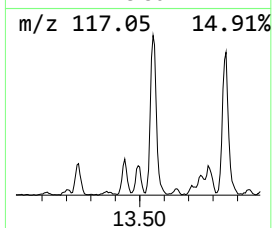
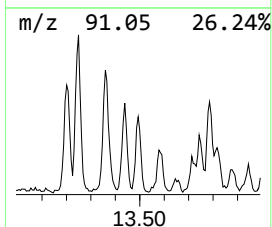
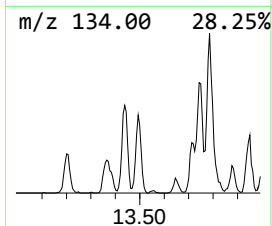
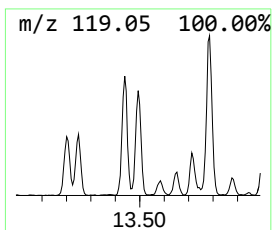
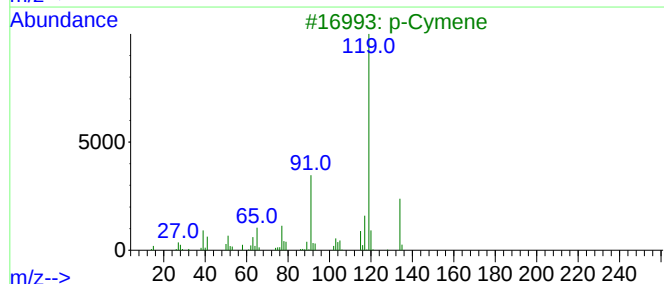
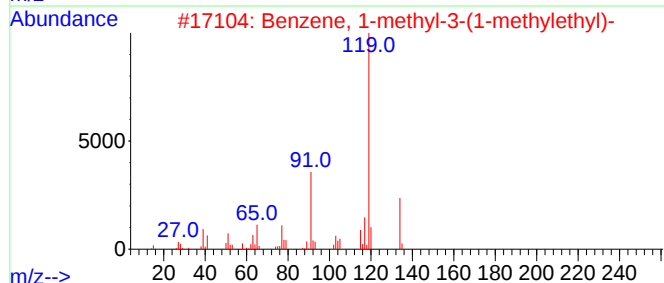
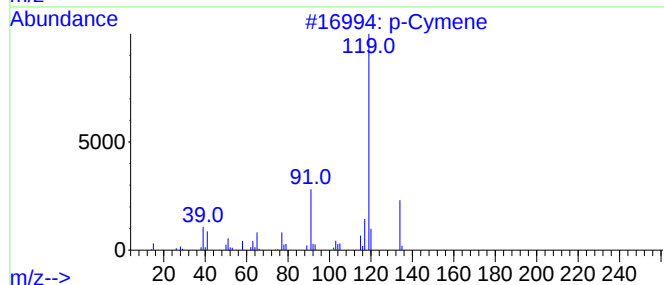
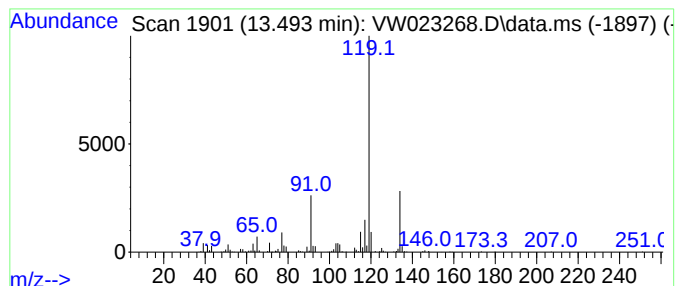
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Quant Title : SFAM01.0

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

Peak Number 15 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	2.19 ug/L	138462	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

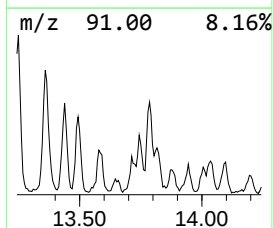
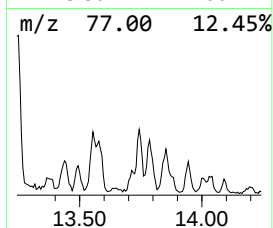
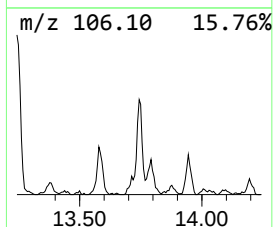
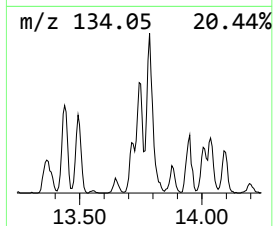
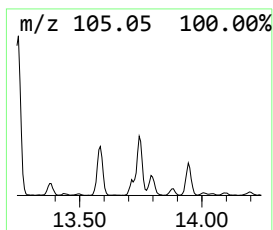
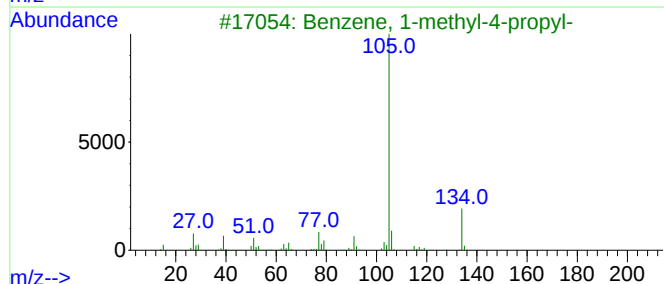
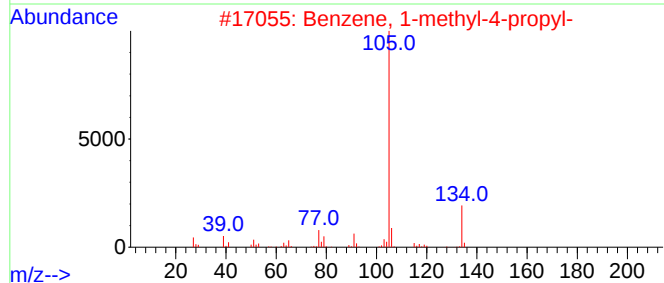
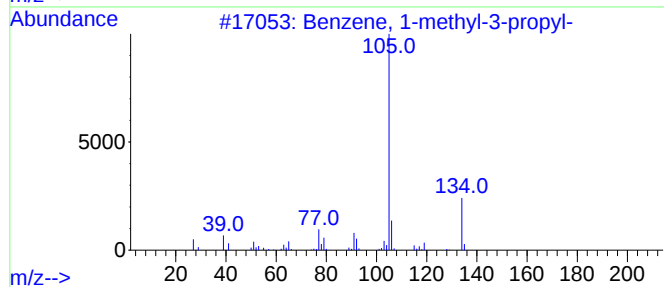
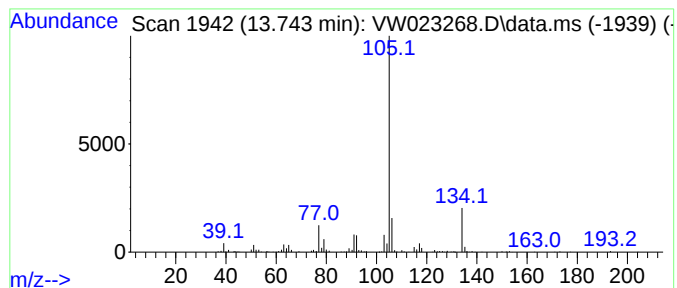
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	2.01 ug/L	127106	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	91
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5			2-Tolyloxirane	134	C9H10O	002783-26-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023268.D
Acq On : 24 May 2022 13:35
Operator : SY/VA
Sample : N2996-06
Misc : 4.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGS9

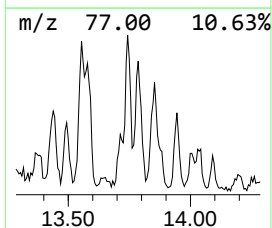
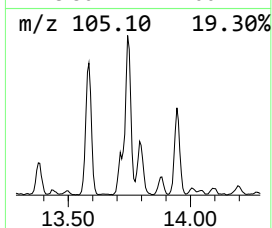
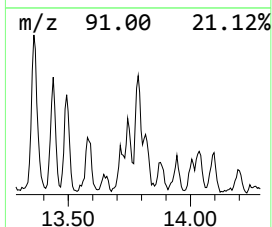
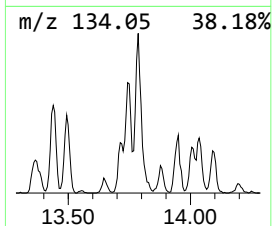
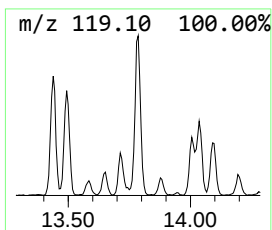
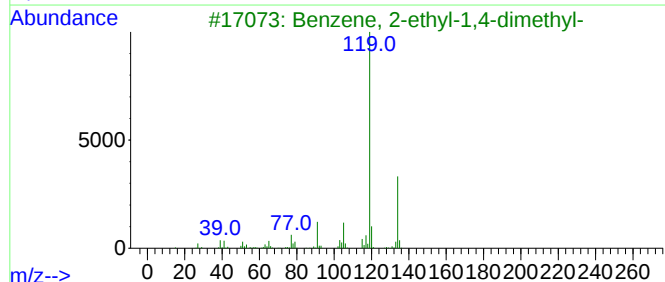
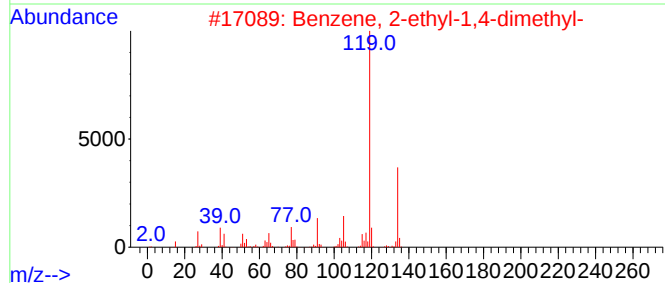
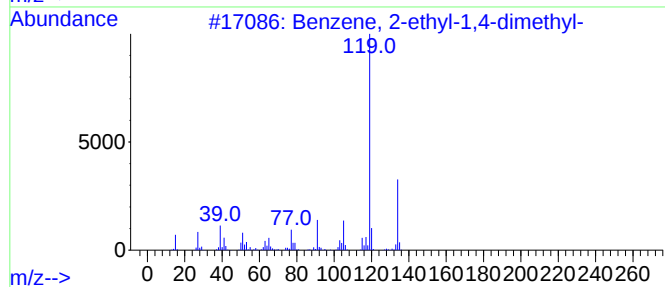
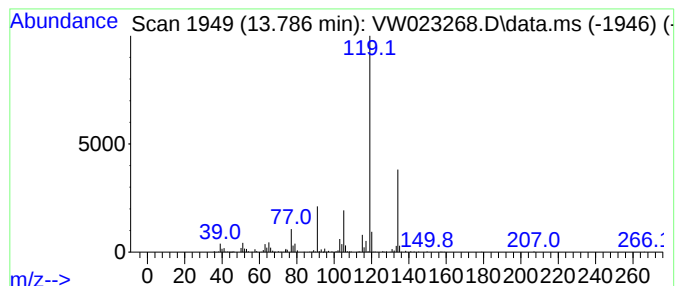
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	2.72 ug/L	172000	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023268.D
 Acq On : 24 May 2022 13:35
 Operator : SY/VA
 Sample : N2996-06
 Misc : 4.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGS9

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	11.512	2.5	ug/L	120671	2	11.628	1229690	25.0
(DEL) Alkane: C...	11.817	1.4	ug/L	68950	2	11.628	1229690	25.0
(DEL) Alkane: C...	11.871	4.9	ug/L	240421	2	11.628	1229690	25.0
(DEL) Alkane: S...	12.060	4.6	ug/L	225113	2	11.628	1229690	25.0
(DEL) Alkane: S...	12.134	14.0	ug/L	688832	2	11.628	1229690	25.0
(DEL) Alkane: S...	12.249	8.1	ug/L	398218	2	11.628	1229690	25.0
(DEL) Alkane: S...	12.329	10.2	ug/L	503393	2	11.628	1229690	25.0
Benzene, 1-ethy...	12.865	8.9	ug/L	562260	3	13.554	1582070	25.0
(DEL) Alkane: C...	13.073	1.7	ug/L	109931	3	13.554	1582070	25.0
(DEL) Alkane: S...	13.121	1.9	ug/L	119278	3	13.554	1582070	25.0
o-Cymene	13.438	3.8	ug/L	238935	3	13.554	1582070	25.0
p-Cymene	13.493	2.2	ug/L	138462	3	13.554	1582070	25.0
Benzene, 1-meth...	13.743	2.0	ug/L	127106	3	13.554	1582070	25.0
Benzene, 2-ethy...	13.786	2.7	ug/L	172000	3	13.554	1582070	25.0