

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020363.D
 Acq On : 07 Oct 2021 13:40
 Operator : SY/VA
 Sample : M4001-08
 Misc : 6.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW921

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\SFAMWLM100621SMA.M

Title : SFAM01.0

Signal : TIC: VW020363.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	82	rVB	112640	181235	14.70%	1.633%
2	2.879	154	160	175	rVB	46817	100783	8.18%	0.908%
3	3.026	178	184	191	rVB2	4397	10182	0.83%	0.092%
4	3.385	235	243	255	rVB2	6208	15816	1.28%	0.142%
5	3.580	273	275	281	rVB4	411	612	0.05%	0.006%
6	3.855	313	320	324	rVB4	638	1095	0.09%	0.010%
7	4.019	335	347	362	rBV	146557	432812	35.11%	3.899%
8	4.257	381	386	387	rBV3	285	386	0.03%	0.003%
9	4.379	399	406	417	rVV	1350	4313	0.35%	0.039%
10	4.495	424	425	429	rVB	181	158	0.01%	0.001%
11	4.550	429	434	435	rBV2	150	162	0.01%	0.001%
12	4.623	440	446	447	rBV3	368	626	0.05%	0.006%
13	4.653	450	451	456	rVV3	133	212	0.02%	0.002%
14	4.812	474	477	479	rBV2	131	191	0.02%	0.002%
15	4.909	485	493	495	rBV5	4149	8095	0.66%	0.073%
16	5.202	537	541	542	rBV2	162	221	0.02%	0.002%
17	5.373	566	569	572	rBV	110	158	0.01%	0.001%
18	5.428	572	578	580	rBV3	983	1607	0.13%	0.014%
19	5.812	635	641	644	rBV2	99	173	0.01%	0.002%
20	5.940	655	662	669	rVV5	2023	5547	0.45%	0.050%
21	6.214	699	707	718	rVB2	2922	8281	0.67%	0.075%
22	6.409	736	739	741	rBV2	163	196	0.02%	0.002%
23	6.775	792	799	801	rBV2	98	226	0.02%	0.002%
24	6.982	828	833	834	rBV	876	920	0.07%	0.008%
25	7.086	840	850	859	rBV	29699	83384	6.76%	0.751%
26	7.171	860	864	873	rVB3	7301	18201	1.48%	0.164%
27	7.324	887	889	892	rBV3	165	201	0.02%	0.002%
28	7.543	920	925	929	rVB4	244	409	0.03%	0.004%
29	7.653	932	943	958	rVB	205816	505088	40.97%	4.550%
30	7.769	960	962	967	rVB3	250	340	0.03%	0.003%
31	7.878	970	980	988	rBV	20568	51690	4.19%	0.466%
32	7.952	988	992	1000	rVB7	1585	3963	0.32%	0.036%
33	8.019	1000	1003	1004	rBV2	440	427	0.03%	0.004%
34	8.037	1004	1006	1012	rVB3	611	962	0.08%	0.009%
35	8.159	1019	1026	1031	rBV4	1184	2113	0.17%	0.019%
36	8.281	1034	1046	1060	rBV2	414953	1232759	100.00%	11.105%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Title : SFAM01.0

37	8.695	1109	1114	1122	rVB5	868	1630	0.13%	0.015%
38	8.848	1129	1139	1149	rBV	410128	818517	66.40%	7.373%
39	9.092	1169	1179	1190	rVB	108122	212858	17.27%	1.917%
40	9.274	1200	1209	1225	rBV	293076	596109	48.36%	5.370%
41	9.378	1225	1226	1232	rVB3	1073	1379	0.11%	0.012%
42	9.512	1244	1248	1249	rBV2	162	232	0.02%	0.002%
43	9.610	1255	1264	1270	rBV5	2880	5373	0.44%	0.048%
44	9.659	1270	1272	1278	rBV3	520	816	0.07%	0.007%
45	9.756	1281	1288	1294	rVB2	4389	8285	0.67%	0.075%
46	9.902	1304	1312	1315	rBV2	1380	2442	0.20%	0.022%
47	9.945	1315	1319	1323	rVB5	1056	1708	0.14%	0.015%
48	10.037	1323	1334	1346	rBV	150259	272597	22.11%	2.456%
49	10.219	1359	1364	1373	rVB7	1241	3187	0.26%	0.029%
50	10.323	1373	1381	1388	rBV	592298	1027322	83.34%	9.254%
51	10.390	1388	1392	1398	rVB	11871	21331	1.73%	0.192%
52	10.439	1398	1400	1404	rBV4	269	316	0.03%	0.003%
53	10.500	1404	1410	1416	rVB5	4268	10591	0.86%	0.095%
54	10.579	1416	1423	1433	rBV	93386	167548	13.59%	1.509%
55	10.664	1433	1437	1442	rVV2	6768	10492	0.85%	0.095%
56	10.762	1449	1453	1457	rBV5	2841	4680	0.38%	0.042%
57	10.799	1457	1459	1463	rVV4	963	1490	0.12%	0.013%
58	10.860	1463	1469	1474	rVV2	10882	20279	1.65%	0.183%
59	10.927	1474	1480	1490	rVV	117989	198017	16.06%	1.784%
60	11.036	1494	1498	1506	rVB7	2886	7650	0.62%	0.069%
61	11.110	1506	1510	1513	rBV4	3339	5637	0.46%	0.051%
62	11.146	1513	1516	1518	rVV3	3551	5162	0.42%	0.046%
63	11.177	1519	1521	1524	rVV2	4974	6786	0.55%	0.061%
64	11.231	1524	1530	1536	rVV	32524	60457	4.90%	0.545%
65	11.286	1536	1539	1542	rVV3	4123	6039	0.49%	0.054%
66	11.335	1542	1547	1551	rVV3	12109	22343	1.81%	0.201%
67	11.378	1551	1554	1558	rVV3	4562	8002	0.65%	0.072%
68	11.433	1559	1563	1571	rVB	15928	30017	2.43%	0.270%
69	11.512	1571	1576	1580	rBV	4115	7386	0.60%	0.067%
70	11.634	1588	1596	1605	rBV	545493	929469	75.40%	8.373%
71	11.768	1613	1618	1621	rBV	13292	20047	1.63%	0.181%
72	11.811	1621	1625	1631	rVV6	9038	18967	1.54%	0.171%
73	11.872	1631	1635	1647	rVB4	25862	78185	6.34%	0.704%
74	11.975	1647	1652	1659	rBV2	13565	30523	2.48%	0.275%
75	12.042	1659	1663	1671	rVB4	7016	17248	1.40%	0.155%
76	12.140	1671	1679	1686	rBV3	45974	107055	8.68%	0.964%

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 Title : SFAM01.0

77	12.231	1690	1694	1701	rVB3	16573	41608	3.38%	0.375%
78	12.298	1701	1705	1706	rBV2	11843	14496	1.18%	0.131%
79	12.359	1707	1715	1722	rBV3	99700	234153	18.99%	2.109%
80	12.615	1752	1757	1762	rVB5	17183	30679	2.49%	0.276%
81	12.695	1762	1770	1775	rBV	202194	368649	29.90%	3.321%
82	12.780	1779	1784	1790	rVB	153892	263765	21.40%	2.376%
83	12.859	1790	1797	1802	rBV5	46098	112537	9.13%	1.014%
84	12.945	1803	1811	1817	rBV6	72171	209633	17.01%	1.888%
85	13.079	1830	1833	1837	rBV2	27907	36697	2.98%	0.331%
86	13.121	1837	1840	1844	rBV2	17082	24421	1.98%	0.220%
87	13.262	1859	1863	1865	rBV4	28192	43604	3.54%	0.393%
88	13.554	1906	1911	1919	rVB	447308	744464	60.39%	6.706%
89	13.694	1930	1934	1939	rBV2	55647	90034	7.30%	0.811%
90	13.853	1954	1960	1969	rBV2	398163	881055	71.47%	7.937%
91	14.383	2043	2047	2051	rVB2	63141	86526	7.02%	0.779%
92	14.456	2056	2059	2062	rVB	41215	52626	4.27%	0.474%
93	14.499	2063	2066	2069	rVB2	20278	24994	2.03%	0.225%
94	14.548	2069	2074	2080	rVB3	83845	144429	11.72%	1.301%
95	14.731	2101	2104	2108	rVB3	28735	39902	3.24%	0.359%
96	14.786	2109	2113	2121	rBV3	56687	116624	9.46%	1.051%
97	15.170	2171	2176	2182	rVB2	40109	80454	6.53%	0.725%
98	15.731	2264	2268	2273	rBV5	9992	18705	1.52%	0.168%
99	16.487	2387	2392	2400	rVB5	4423	10345	0.84%	0.093%
100	16.633	2409	2416	2425	rBV9	2969	9156	0.74%	0.082%

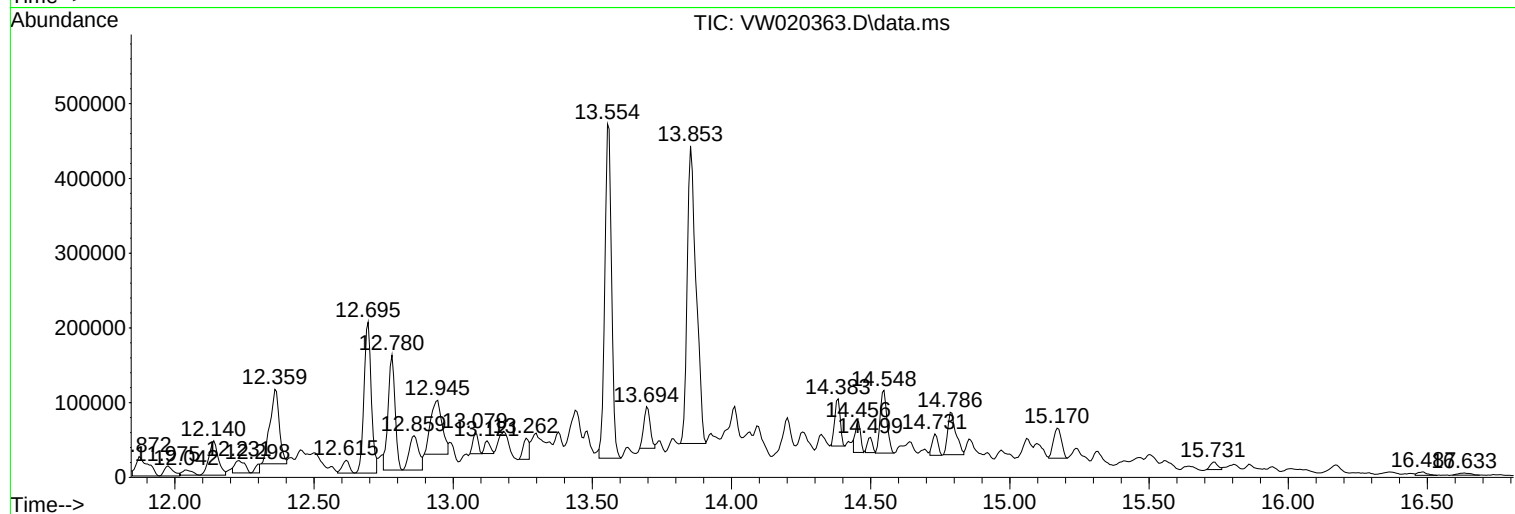
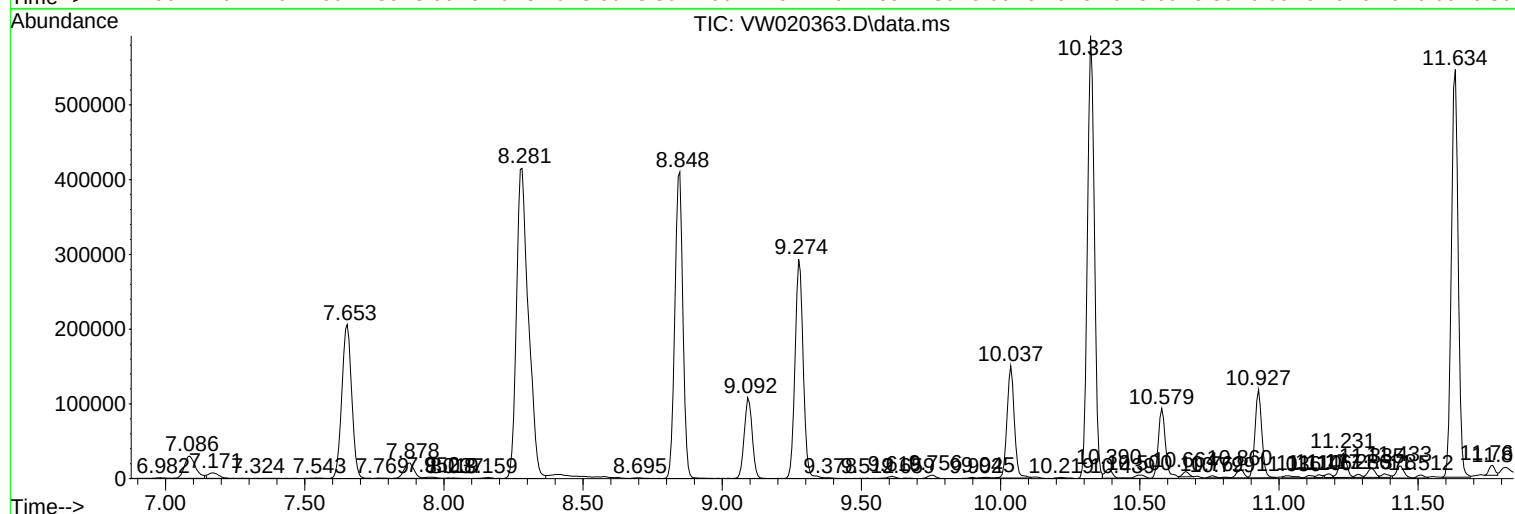
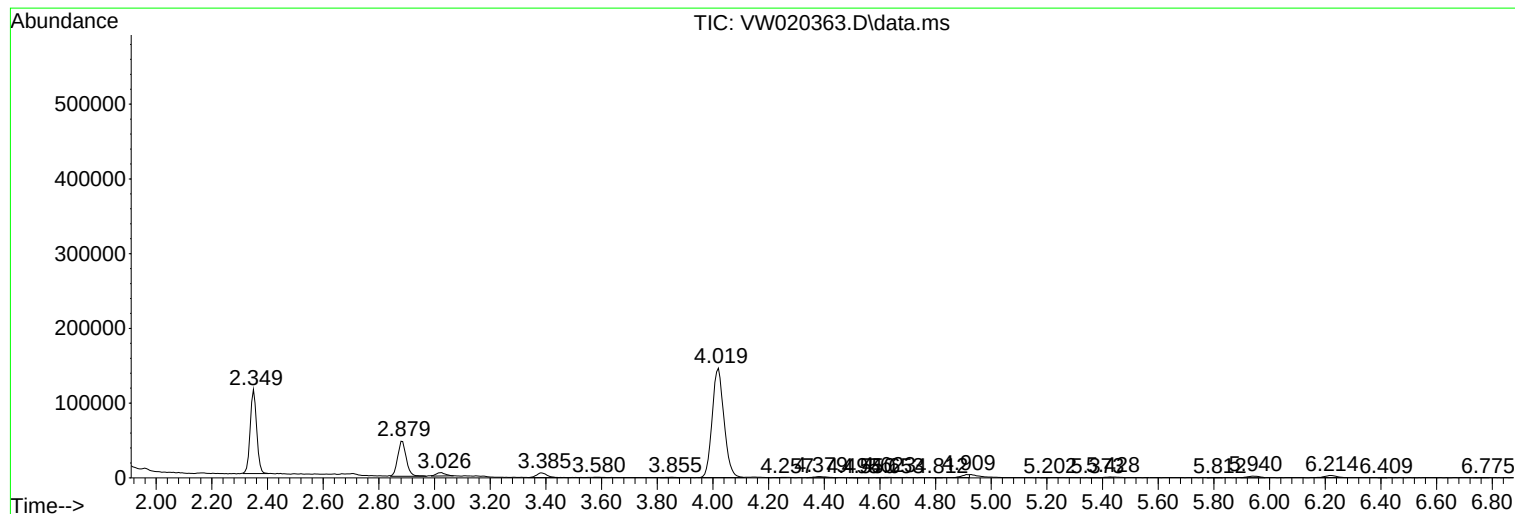
Sum of corrected areas: 11101272

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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



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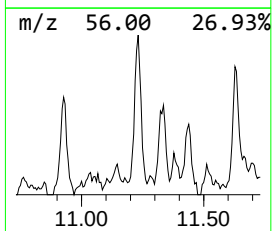
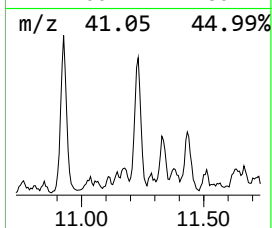
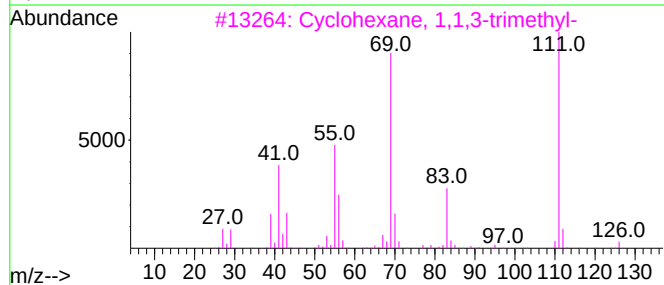
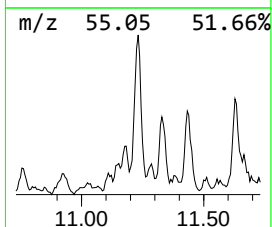
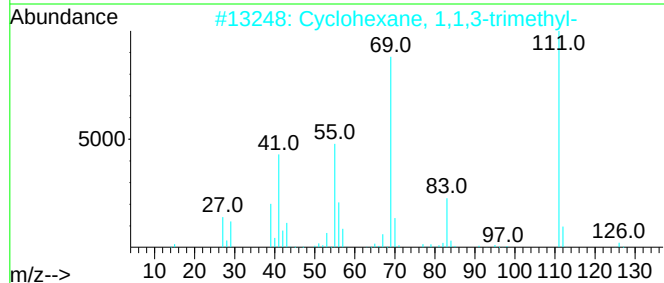
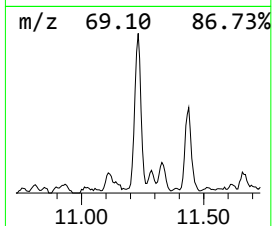
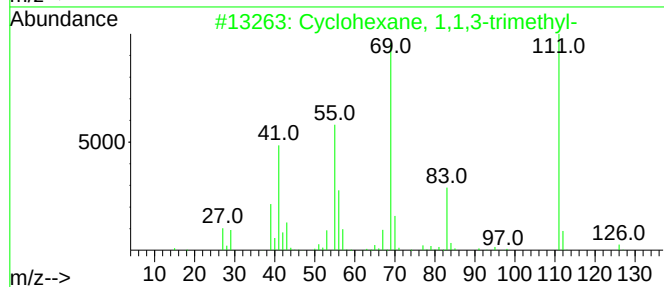
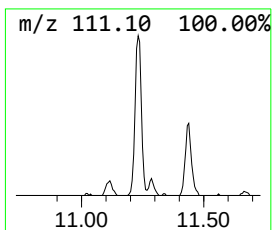
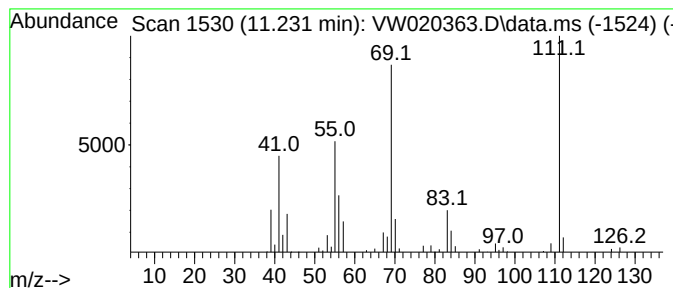
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic11.231 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	1.63 ug/L	60457	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
5			6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	64



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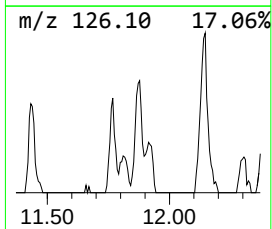
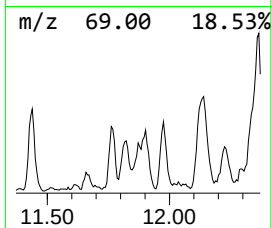
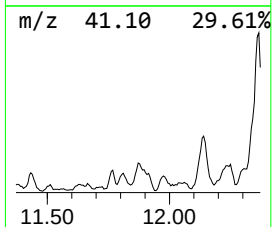
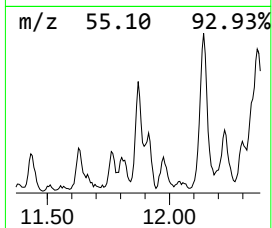
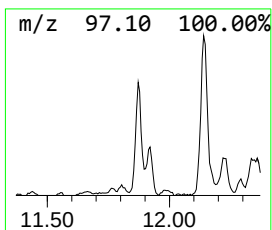
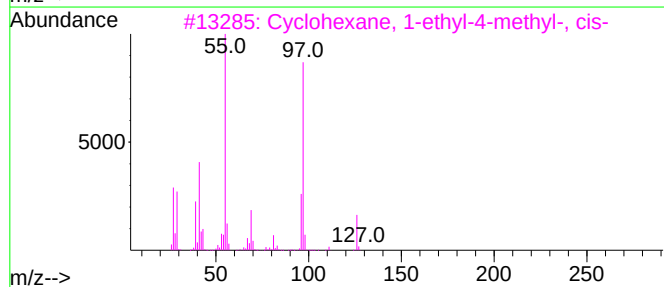
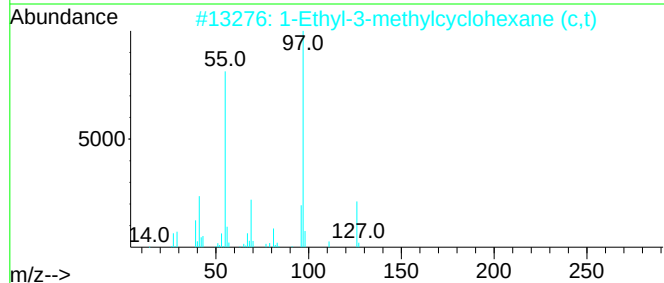
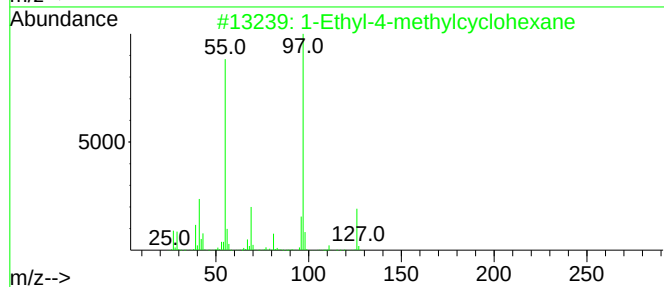
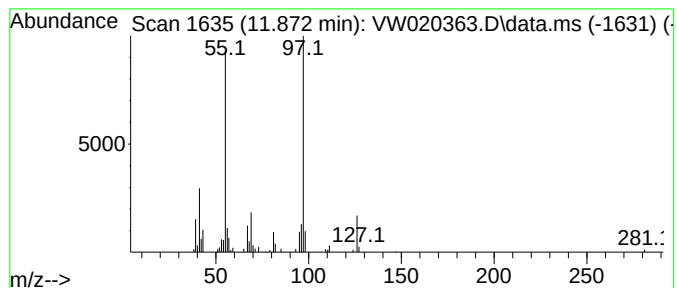
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.872 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.872	2.10 ug/L	78185	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	80
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	80



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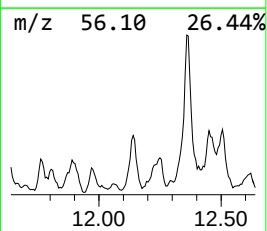
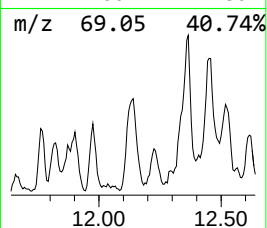
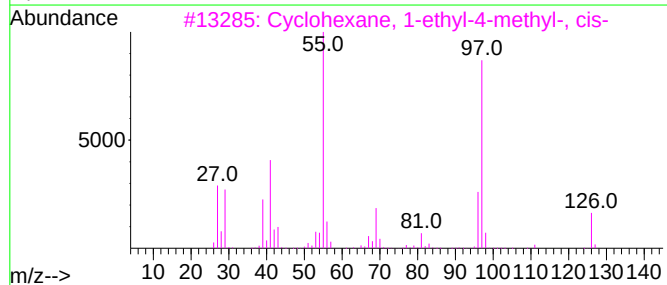
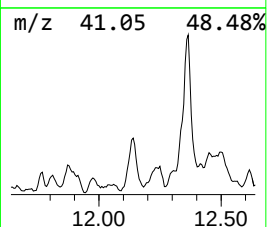
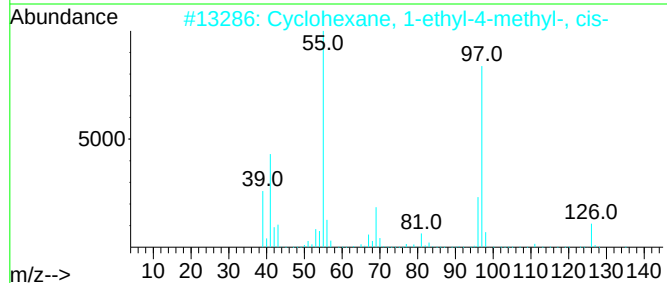
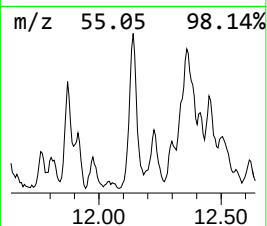
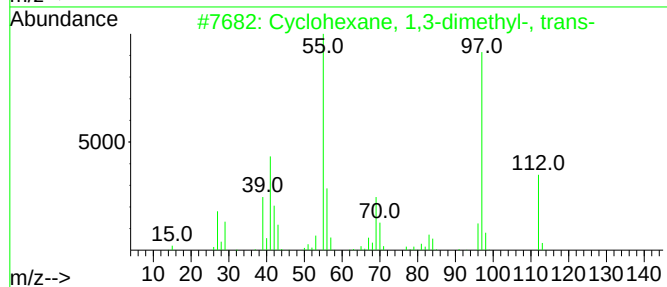
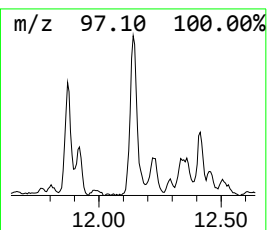
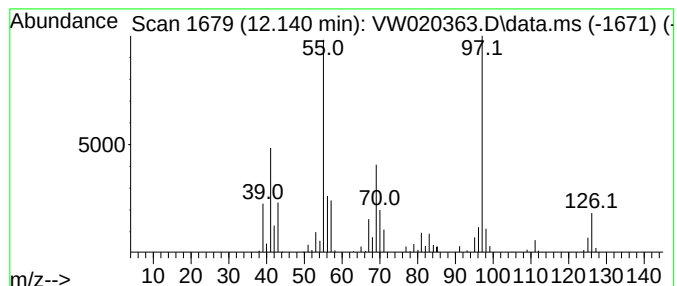
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.140 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	2.88 ug/L	107055	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

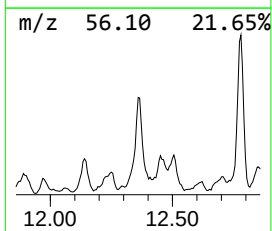
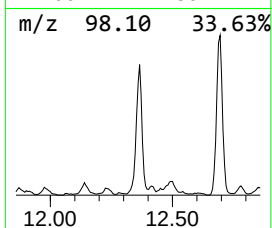
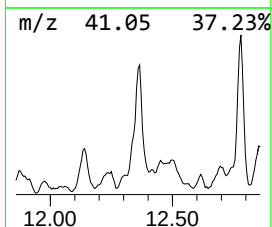
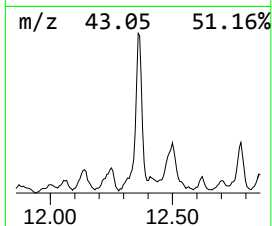
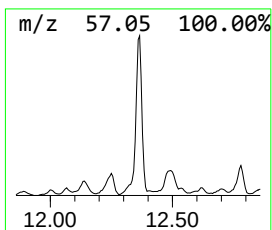
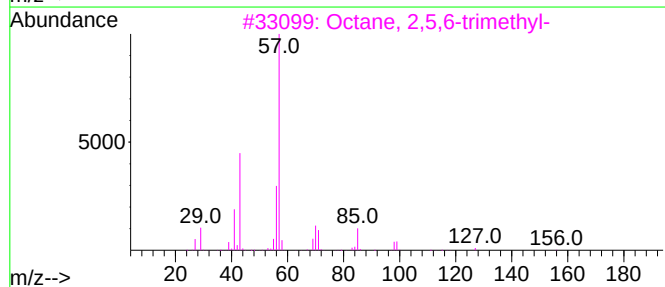
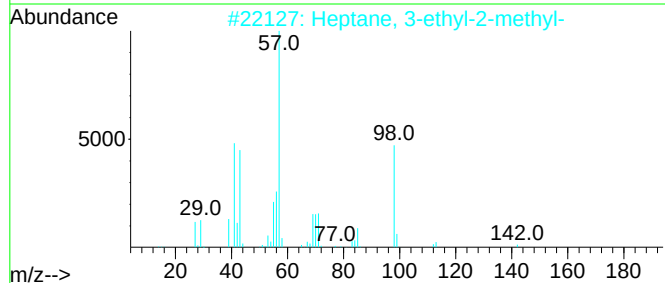
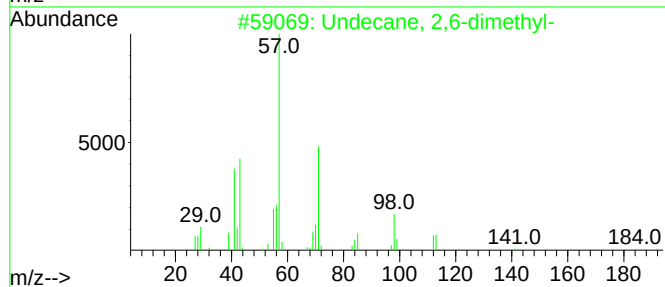
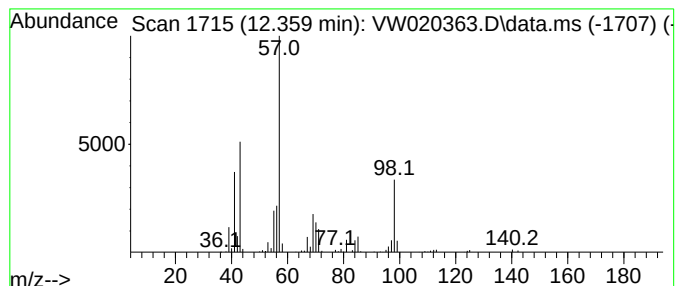
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ClientSampleId :
EW921

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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 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.359	6.30 ug/L	234153	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	59
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	58
3	Octane, 2,5,6-trimethyl-		156	C11H24	062016-14-2	53
4	Dichloroacetic acid, nonyl ester		254	C11H20Cl2O2	083004-99-3	53
5	3-Undecene, 6-methyl-, (E)-		168	C12H24	074630-52-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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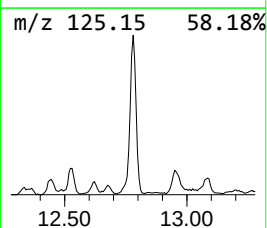
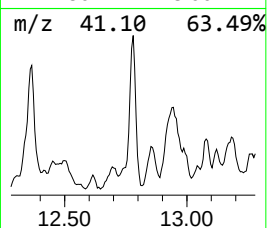
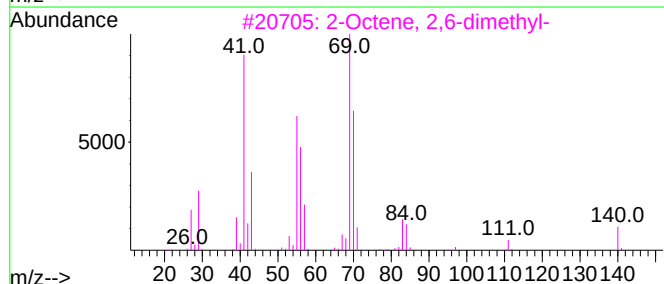
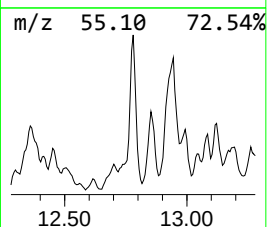
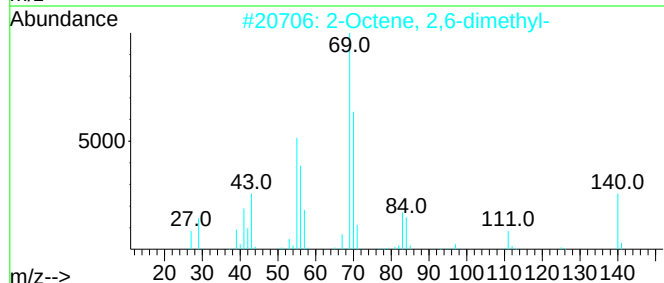
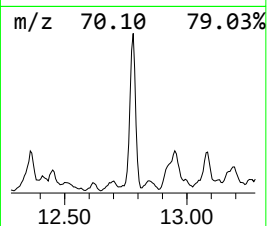
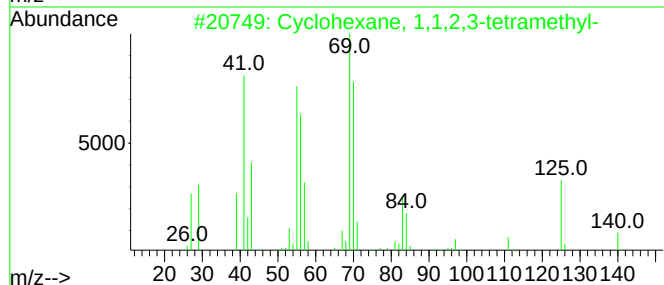
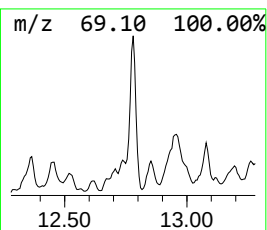
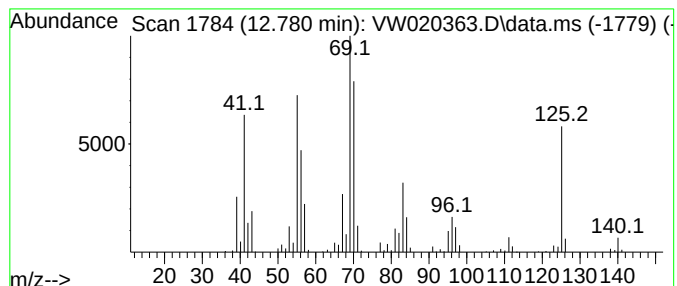
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.780 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	8.86 ug/L	263765	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
4			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
5			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW921

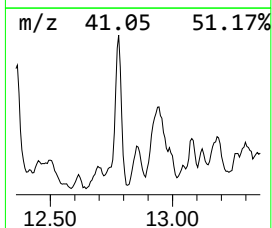
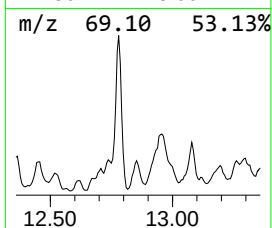
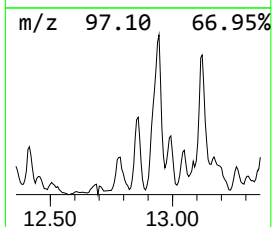
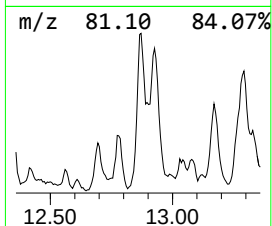
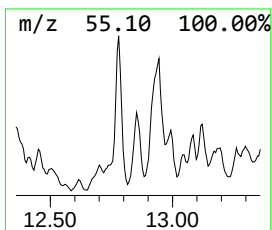
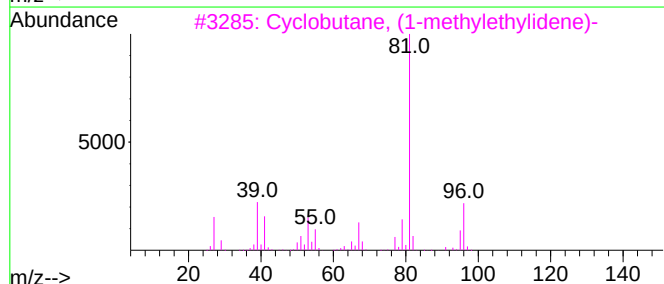
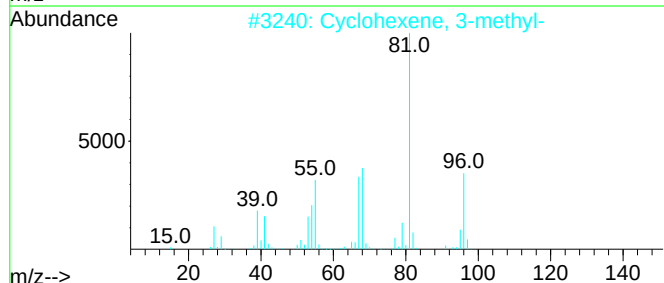
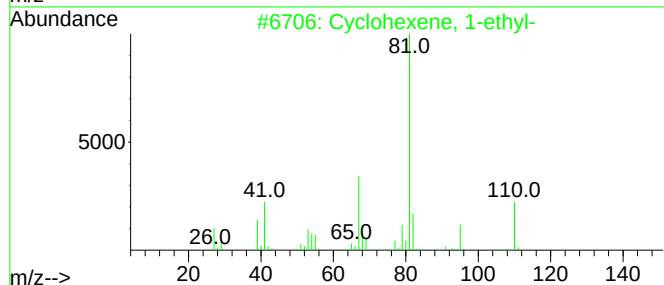
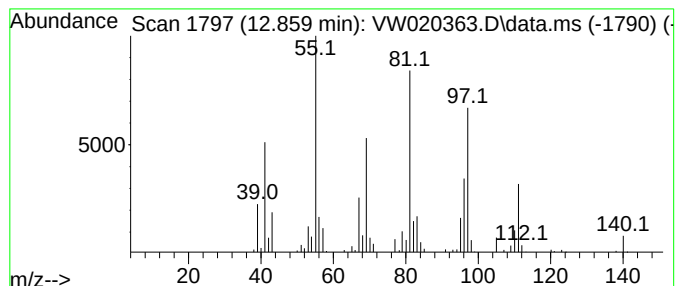
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	3.78 ug/L	112537	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	49
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	46
3			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
5			4-Ethylcyclohexene	110	C8H14	003742-42-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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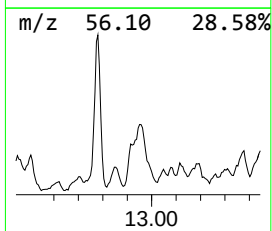
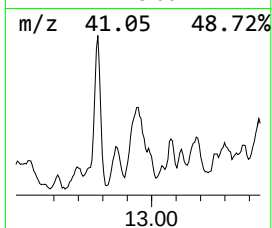
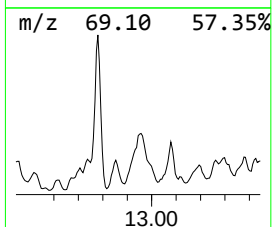
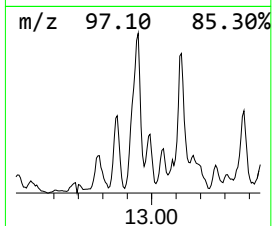
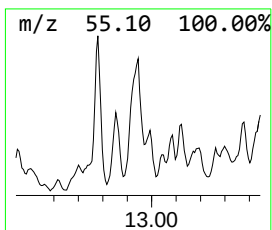
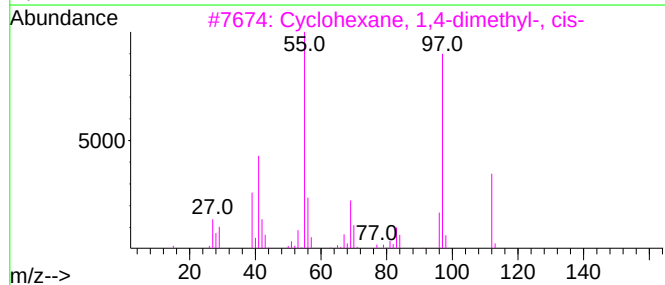
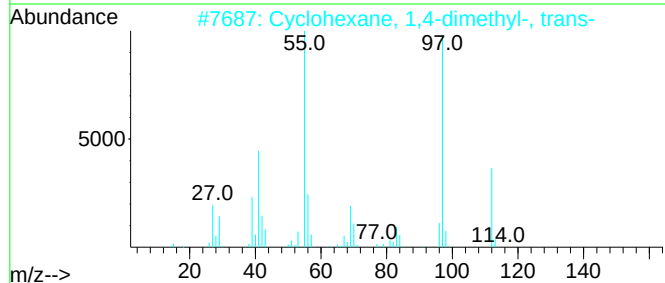
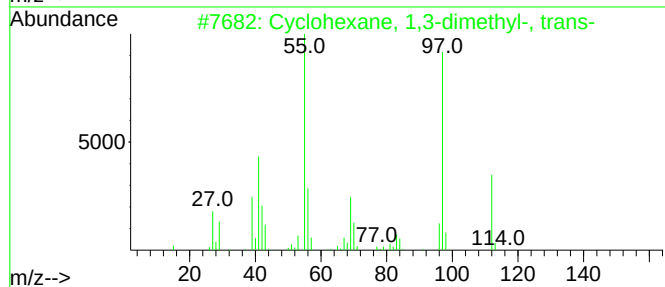
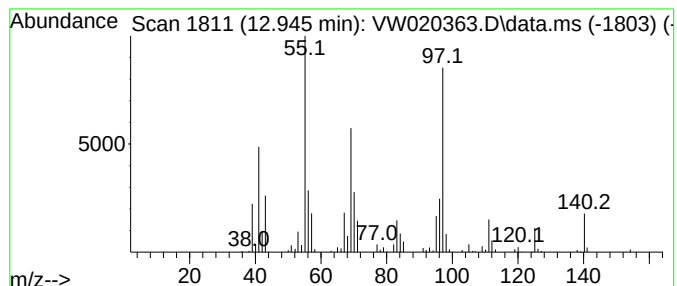
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.945 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	7.04 ug/L	209633	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	62
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	58
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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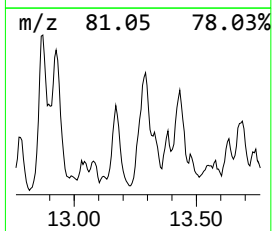
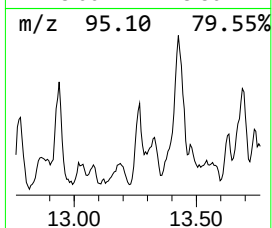
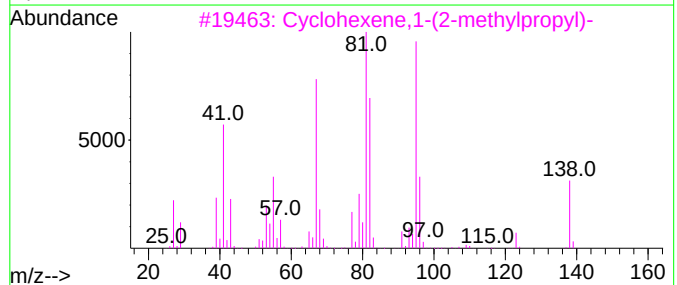
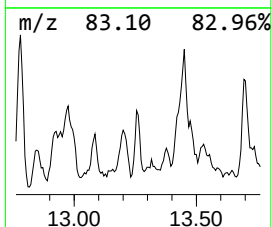
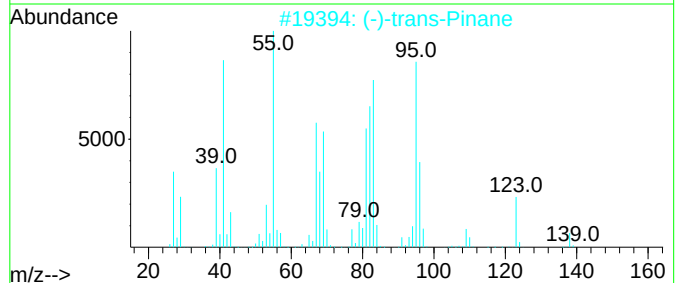
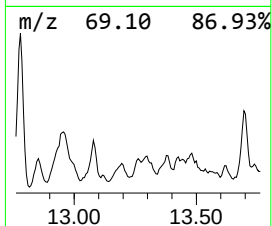
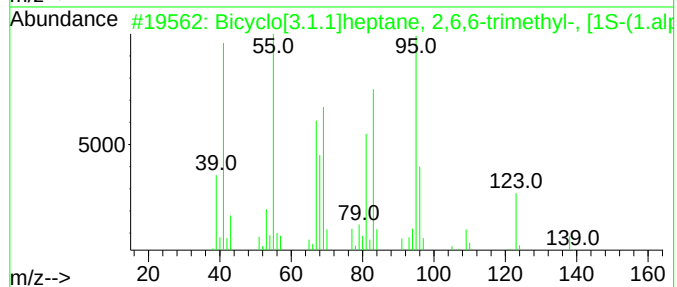
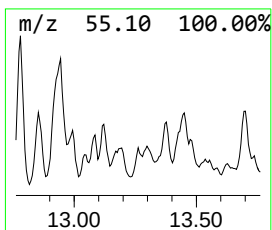
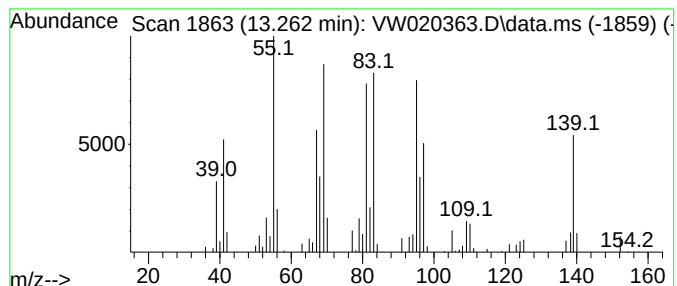
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Quant Title : SFAM01.0

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

Peak Number 9 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	1.46 ug/L	43604	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	55
2			(-)-trans-Pinane	138	C10H18	033626-25-4	53
3			Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	46
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	46
5			Imidazole, 5-[2-(aminocarbonyl)e...	139	C6H9N3O	040160-23-4	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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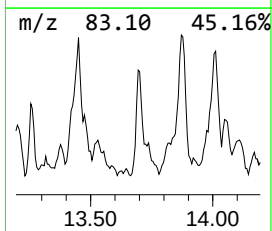
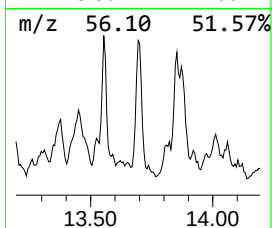
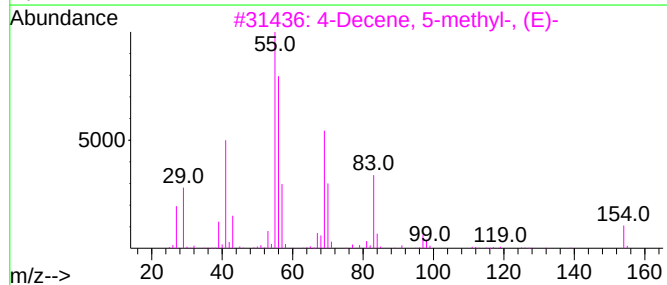
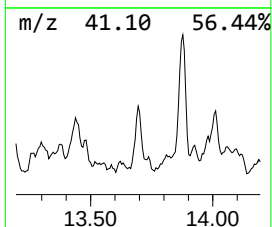
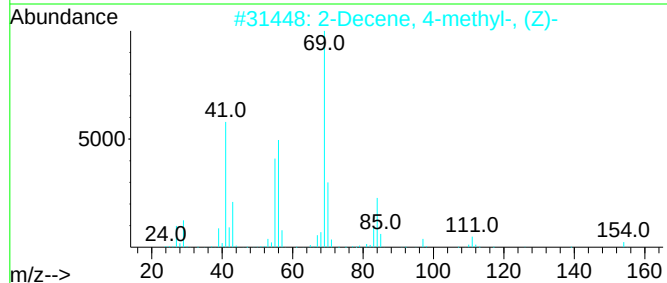
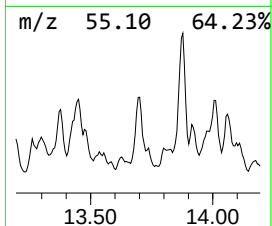
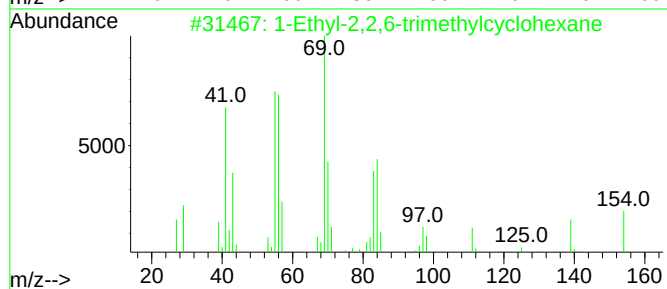
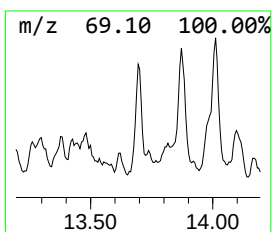
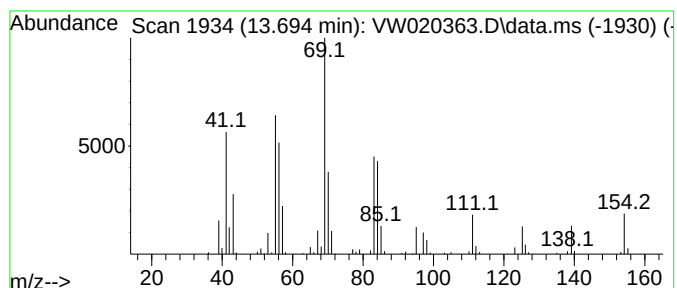
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic13.694 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	3.02 ug/L	90034	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	96
2		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	76
3		4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	46
4		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	38
5		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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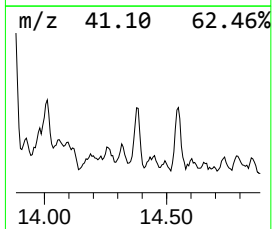
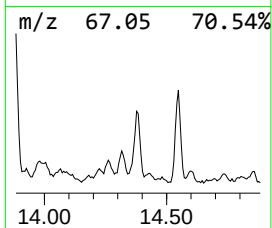
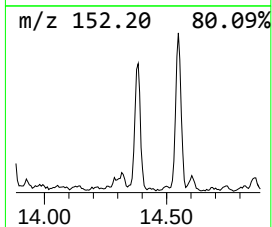
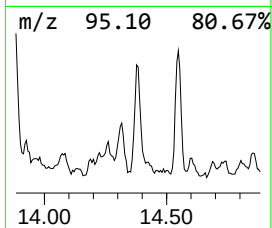
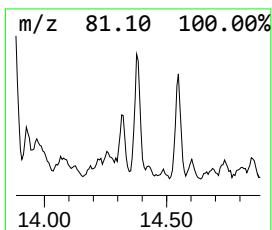
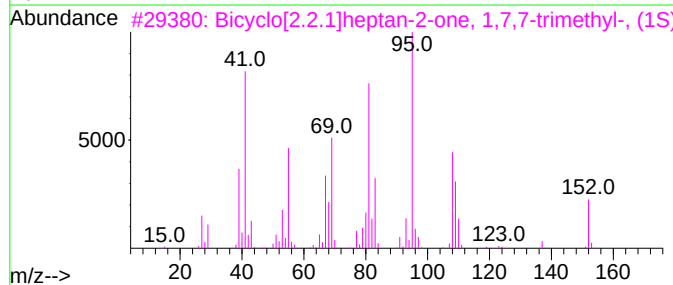
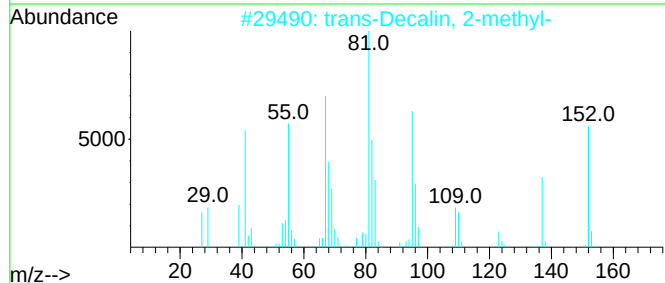
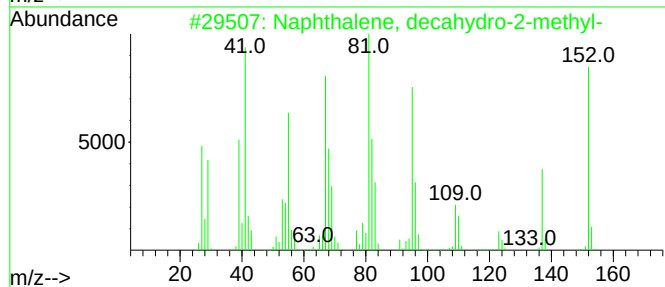
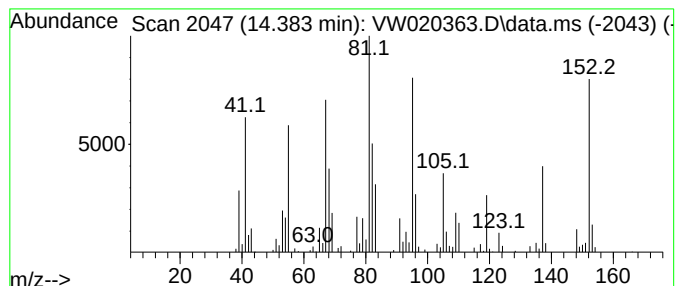
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	2.91 ug/L	86526	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	99
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	89
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW921

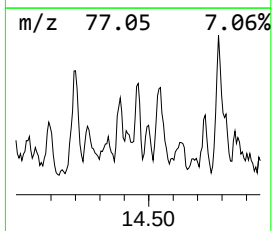
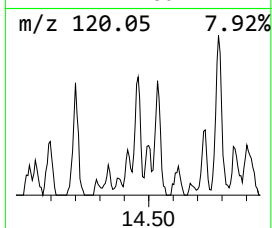
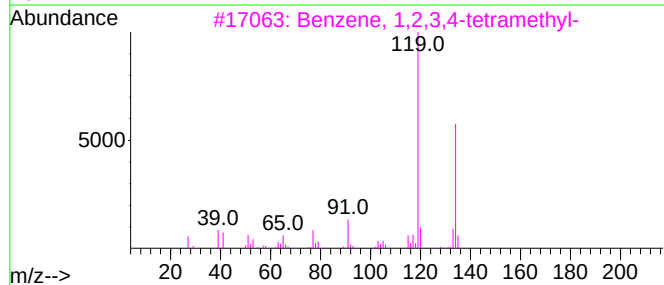
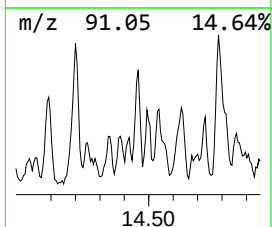
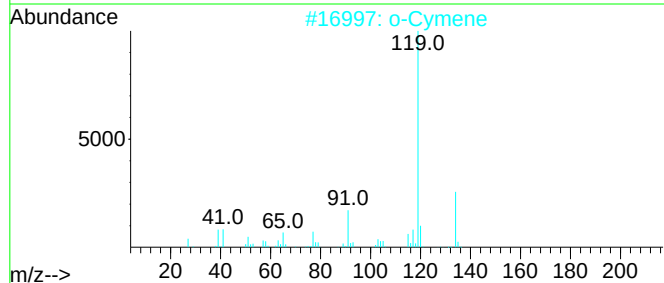
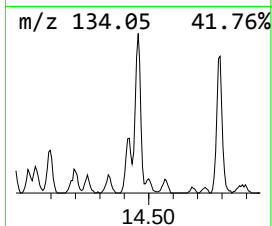
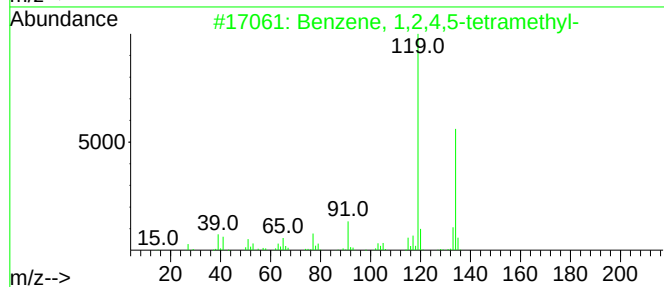
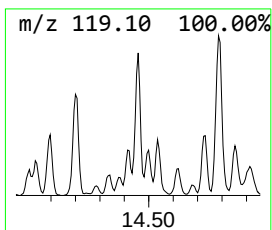
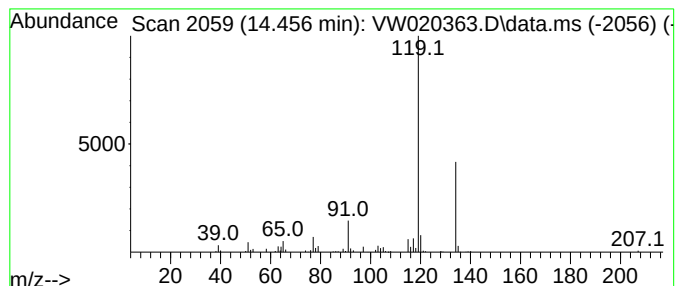
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	1.77 ug/L	52626	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW921

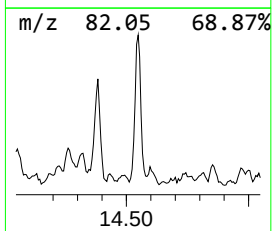
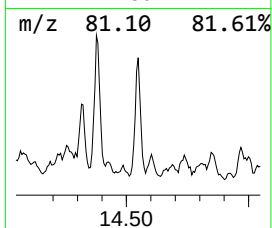
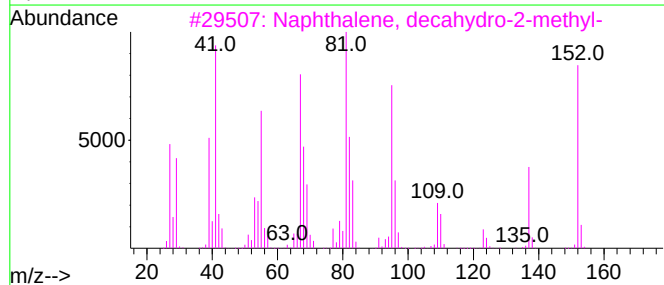
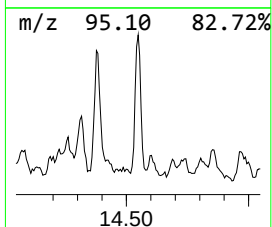
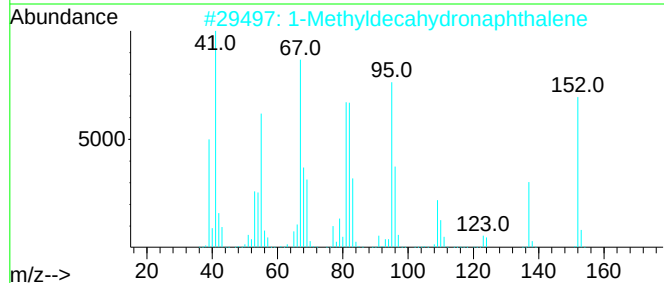
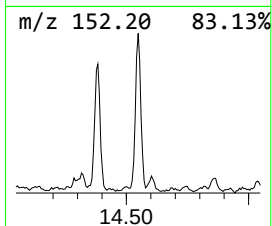
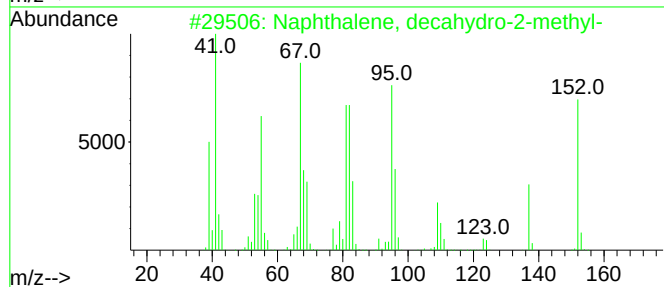
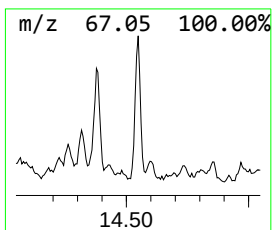
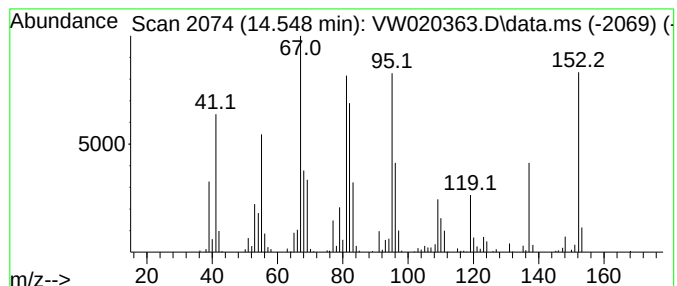
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Quant Title : SFAM01.0

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

Peak Number 13 1-Methyldecahydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	4.85 ug/L	144429	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW921

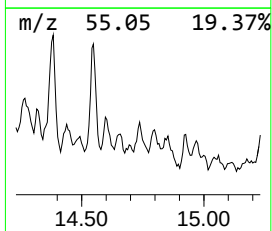
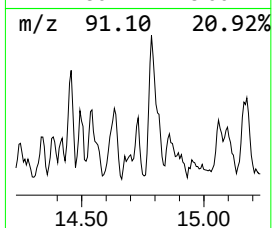
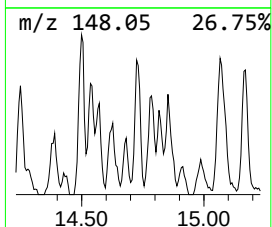
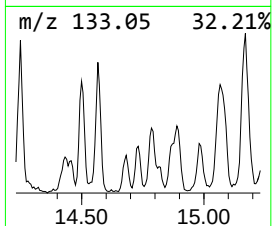
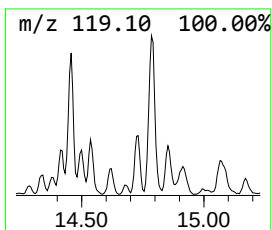
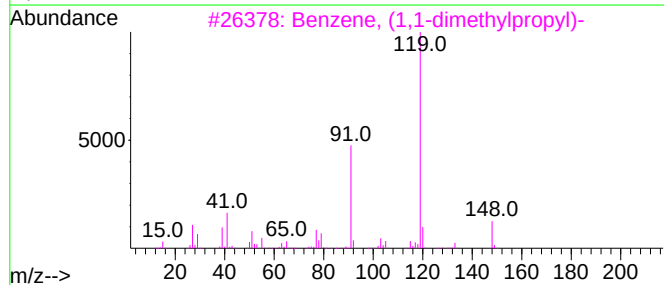
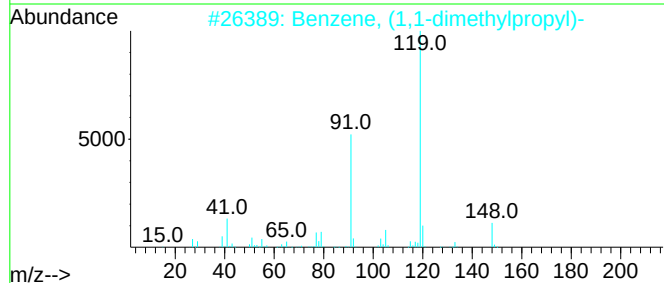
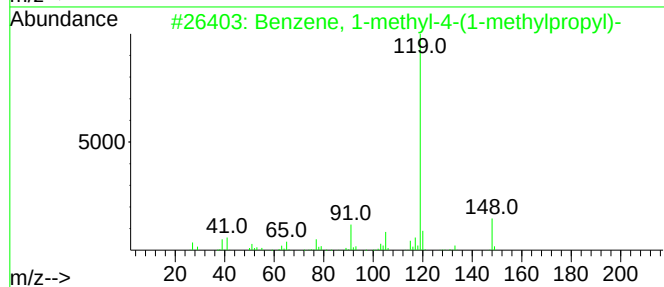
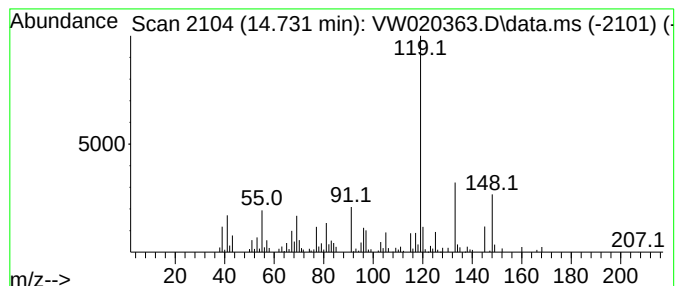
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	1.34 ug/L	39902	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
4			3,5-Dimethylbenzylnonylamine	261	C18H31N	1010491-61-1	50
5			3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW921

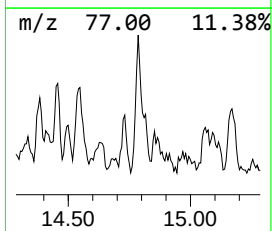
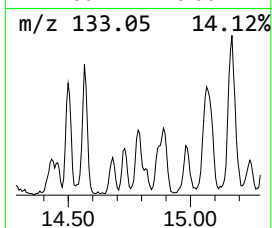
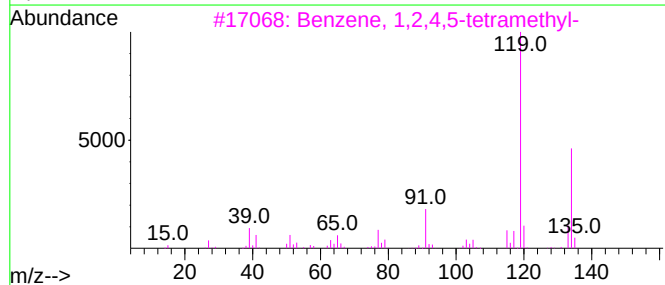
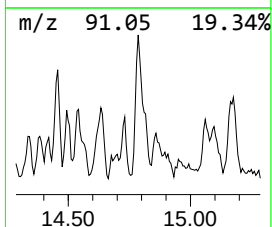
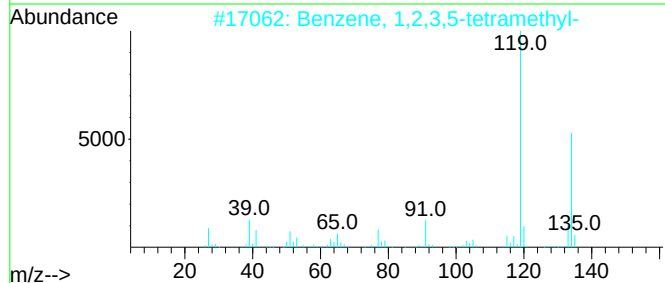
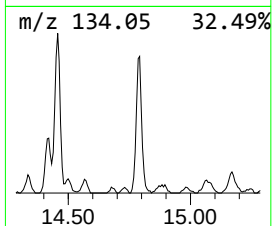
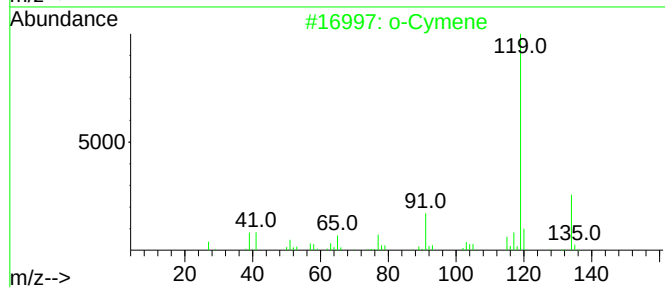
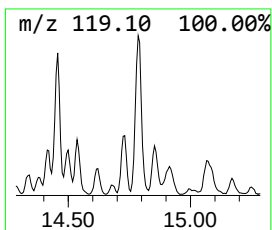
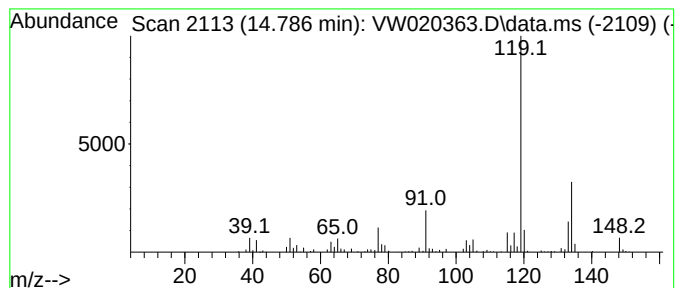
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Quant Title : SFAM01.0

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

Peak Number 15 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	3.92 ug/L	116624	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020363.D
Acq On : 07 Oct 2021 13:40
Operator : SY/VA
Sample : M4001-08
Misc : 6.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW921

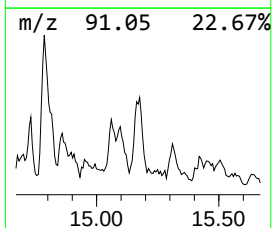
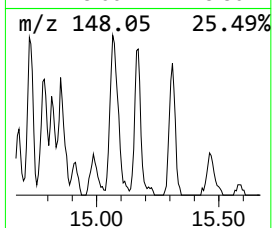
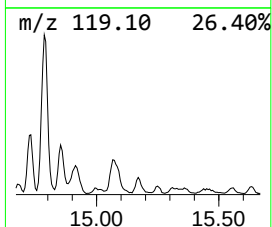
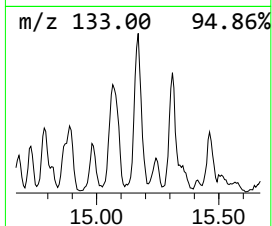
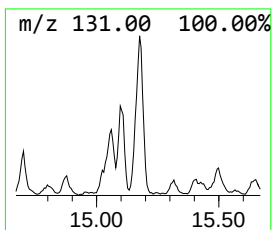
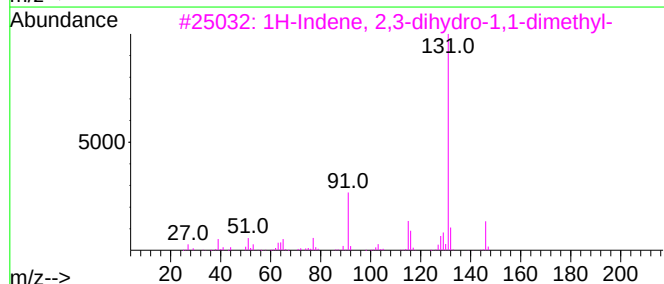
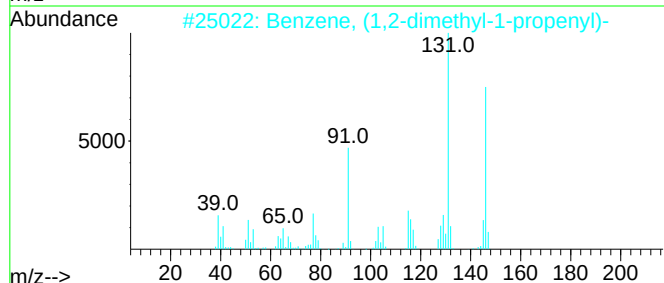
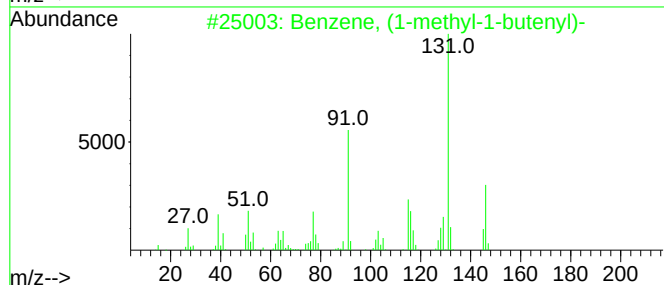
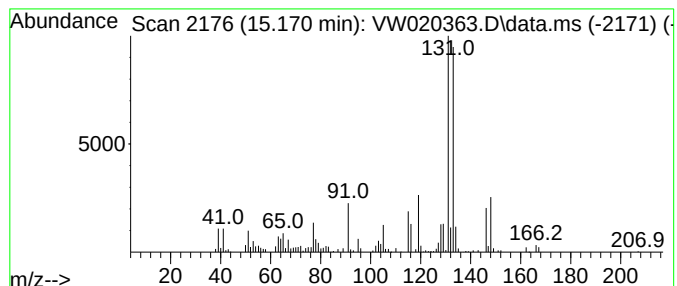
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, (1-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	2.70 ug/L	80454	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020363.D
 Acq On : 07 Oct 2021 13:40
 Operator : SY/VA
 Sample : M4001-08
 Misc : 6.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.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	
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(DEL) Alkane: C...	11.872	2.1	ug/L	78185	2	11.634	929469	25.0	
(DEL) Alkane: C...	12.140	2.9	ug/L	107055	2	11.634	929469	25.0	
(DEL) Alkane: S...	12.359	6.3	ug/L	234153	2	11.634	929469	25.0	
(DEL) Alkane: C...	12.780	8.9	ug/L	263765	3	13.560	744464	25.0	
unknown-01	12.859	3.8	ug/L	112537	3	13.560	744464	25.0	
(DEL) Alkane: C...	12.945	7.0	ug/L	209633	3	13.560	744464	25.0	
Bicyclo[3.1.1]h...	13.262	1.5	ug/L	43604	3	13.560	744464	25.0	
(DEL) Alkane: C...	13.694	3.0	ug/L	90034	3	13.560	744464	25.0	
Naphthalene, de...	14.383	2.9	ug/L	86526	3	13.560	744464	25.0	
Benzene, 1,2,4,...	14.457	1.8	ug/L	52626	3	13.560	744464	25.0	
1-Methyldecahyd...	14.548	4.8	ug/L	144429	3	13.560	744464	25.0	
Benzene, 1-meth...	14.731	1.3	ug/L	39902	3	13.560	744464	25.0	
o-Cymene	14.786	3.9	ug/L	116624	3	13.560	744464	25.0	
Benzene, (1-met...	15.170	2.7	ug/L	80454	3	13.560	744464	25.0	