

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026834.D
 Acq On : 23 Aug 2023 22:57
 Operator : SY/MD
 Sample : 04138-04
 Misc : 4.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHR0

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026834.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.088	31	33	36	rVB3	931	851	0.06%	0.005%
2	2.168	40	46	49	rBV6	3024	7728	0.50%	0.047%
3	2.369	72	79	89	rBV	39292	104887	6.84%	0.632%
4	2.899	158	166	178	rBV	42432	121364	7.92%	0.731%
5	3.381	241	245	249	rBV5	1267	2167	0.14%	0.013%
6	3.667	289	292	294	rVB3	860	910	0.06%	0.005%
7	3.741	300	304	308	rVB5	944	1221	0.08%	0.007%
8	3.862	322	324	327	rVB2	769	813	0.05%	0.005%
9	3.899	327	330	332	rVB4	714	812	0.05%	0.005%
10	3.923	332	334	336	rBV3	1300	1179	0.08%	0.007%
11	4.027	339	351	363	rBV	105620	370811	24.19%	2.233%
12	4.399	405	412	414	rBV5	2527	5097	0.33%	0.031%
13	4.478	423	425	427	rVB	1144	797	0.05%	0.005%
14	4.503	427	429	432	rVB3	756	833	0.05%	0.005%
15	4.606	443	446	451	rBV5	493	955	0.06%	0.006%
16	4.929	487	499	522	rBV2	21078	94422	6.16%	0.569%
17	5.137	530	533	534	rBV3	1082	1245	0.08%	0.007%
18	5.240	548	550	553	rVB3	947	1003	0.07%	0.006%
19	5.283	553	557	561	rVB5	623	1125	0.07%	0.007%
20	5.368	569	571	573	rVV3	794	666	0.04%	0.004%
21	5.521	594	596	601	rBV4	550	820	0.05%	0.005%
22	5.594	603	608	611	rBV3	491	896	0.06%	0.005%
23	5.673	619	621	623	rVB2	740	710	0.05%	0.004%
24	5.734	626	631	632	rBV4	690	978	0.06%	0.006%
25	5.752	632	634	638	rVV4	889	1144	0.07%	0.007%
26	5.850	648	650	652	rBV	934	753	0.05%	0.005%
27	5.941	656	665	674	rVB8	4062	12883	0.84%	0.078%
28	6.185	700	705	706	rVB3	712	802	0.05%	0.005%
29	6.405	739	741	743	rBV2	590	731	0.05%	0.004%
30	7.075	842	851	856	rBV	58449	156018	10.18%	0.939%
31	7.648	934	945	958	rBV	269527	657898	42.92%	3.961%
32	7.825	971	974	978	rVB3	686	1025	0.07%	0.006%
33	8.276	1037	1048	1065	rBV2	494121	1532942	100.00%	9.230%
34	8.538	1089	1091	1095	rVB3	730	811	0.05%	0.005%
35	8.593	1095	1100	1102	rBV3	899	1497	0.10%	0.009%
36	8.618	1102	1104	1105	rBV2	715	780	0.05%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

37	8.697	1113	1117	1122	rVV5	1495	3246	0.21%	0.020%
38	8.843	1132	1141	1152	rBV	538086	1079271	70.41%	6.498%
39	9.014	1167	1169	1172	rBV4	1196	1218	0.08%	0.007%
40	9.081	1176	1180	1189	rVB4	3456	7962	0.52%	0.048%
41	9.148	1189	1191	1194	rVB3	1103	978	0.06%	0.006%
42	9.203	1196	1200	1203	rVB3	719	1142	0.07%	0.007%
43	9.276	1203	1212	1222	rBV	362972	761548	49.68%	4.585%
44	9.435	1237	1238	1241	rBV3	884	997	0.07%	0.006%
45	9.477	1244	1245	1250	rVB2	1117	927	0.06%	0.006%
46	9.666	1270	1276	1282	rBV8	2977	7038	0.46%	0.042%
47	10.032	1325	1336	1346	rVV	176447	332881	21.72%	2.004%
48	10.124	1349	1351	1359	rVB8	3208	6245	0.41%	0.038%
49	10.209	1363	1365	1369	rBV5	1893	2274	0.15%	0.014%
50	10.270	1374	1375	1376	rBV	1214	770	0.05%	0.005%
51	10.325	1376	1384	1392	rBV	608273	1079336	70.41%	6.499%
52	10.465	1405	1407	1408	rVB2	1194	761	0.05%	0.005%
53	10.526	1415	1417	1419	rVB2	1540	1301	0.08%	0.008%
54	10.575	1419	1425	1435	rBV	127065	224514	14.65%	1.352%
55	10.703	1439	1446	1453	rVB	44389	81806	5.34%	0.493%
56	10.758	1453	1455	1457	rBV3	817	757	0.05%	0.005%
57	10.861	1465	1472	1477	rVV	124525	213308	13.91%	1.284%
58	10.922	1477	1482	1496	rVB	150355	263113	17.16%	1.584%
59	11.062	1500	1505	1511	rBV	24624	38285	2.50%	0.231%
60	11.172	1520	1523	1528	rVB5	3394	5750	0.38%	0.035%
61	11.227	1528	1532	1537	rVB6	3808	5553	0.36%	0.033%
62	11.270	1537	1539	1540	rBV2	781	789	0.05%	0.005%
63	11.282	1540	1541	1544	rVB3	1263	934	0.06%	0.006%
64	11.337	1548	1550	1555	rVB5	2083	2341	0.15%	0.014%
65	11.434	1557	1566	1573	rVB7	12542	29102	1.90%	0.175%
66	11.507	1573	1578	1589	rVB7	5133	10387	0.68%	0.063%
67	11.629	1589	1598	1607	rBV	774389	1299431	84.77%	7.824%
68	11.837	1623	1632	1636	rBV4	30394	69610	4.54%	0.419%
69	11.971	1650	1654	1661	rBV8	5893	15793	1.03%	0.095%
70	12.135	1673	1681	1691	rBV5	40862	135115	8.81%	0.814%
71	12.245	1696	1699	1704	rVB3	32811	49893	3.25%	0.300%
72	12.361	1704	1718	1726	rBV5	64568	255700	16.68%	1.540%
73	12.605	1754	1758	1762	rBV	40614	64715	4.22%	0.390%
74	12.647	1762	1765	1767	rVV	19718	21994	1.43%	0.132%
75	12.690	1767	1772	1778	rVB	368761	590820	38.54%	3.557%
76	12.776	1783	1786	1794	rVB3	81409	145386	9.48%	0.875%

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 Title : SFAM01.0

77	12.861	1794	1800	1804	rBV2	100097	197726	12.90%	1.191%
78	12.934	1806	1812	1818	rVB3	285900	568832	37.11%	3.425%
79	13.074	1831	1835	1837	rBV3	55656	87070	5.68%	0.524%
80	13.160	1846	1849	1858	rVB3	94433	138669	9.05%	0.835%
81	13.245	1858	1863	1868	rBV	314120	489886	31.96%	2.950%
82	13.440	1891	1895	1899	rVB4	108214	165376	10.79%	0.996%
83	13.483	1899	1902	1905	rBV3	60213	72366	4.72%	0.436%
84	13.556	1909	1914	1922	rVB2	724619	1502248	98.00%	9.045%
85	13.745	1942	1945	1948	rBV2	64743	80974	5.28%	0.488%
86	13.781	1948	1951	1956	rVB2	119430	161339	10.52%	0.971%
87	13.855	1957	1963	1971	rBV3	553641	1336442	87.18%	8.047%
88	14.007	1985	1988	1990	rBV	71716	100712	6.57%	0.606%
89	14.092	1998	2002	2014	rVB	158470	328075	21.40%	1.975%
90	14.196	2014	2019	2024	rBV2	125901	205603	13.41%	1.238%
91	14.257	2025	2029	2035	rVB6	67106	135263	8.82%	0.814%
92	14.336	2037	2042	2045	rBV2	85942	152101	9.92%	0.916%
93	14.379	2046	2049	2052	rBV4	81459	118564	7.73%	0.714%
94	14.452	2058	2061	2065	rVB	111970	150018	9.79%	0.903%
95	14.495	2065	2068	2071	rBV3	49778	58731	3.83%	0.354%
96	14.720	2102	2105	2110	rVB3	55444	84997	5.54%	0.512%
97	14.787	2111	2116	2122	rBV2	152692	315131	20.56%	1.897%
98	14.952	2139	2143	2148	rBV	42538	63783	4.16%	0.384%
99	15.360	2205	2210	2215	rVB	92664	154645	10.09%	0.931%
100	16.427	2383	2385	2398	rVB3	16478	37275	2.43%	0.224%

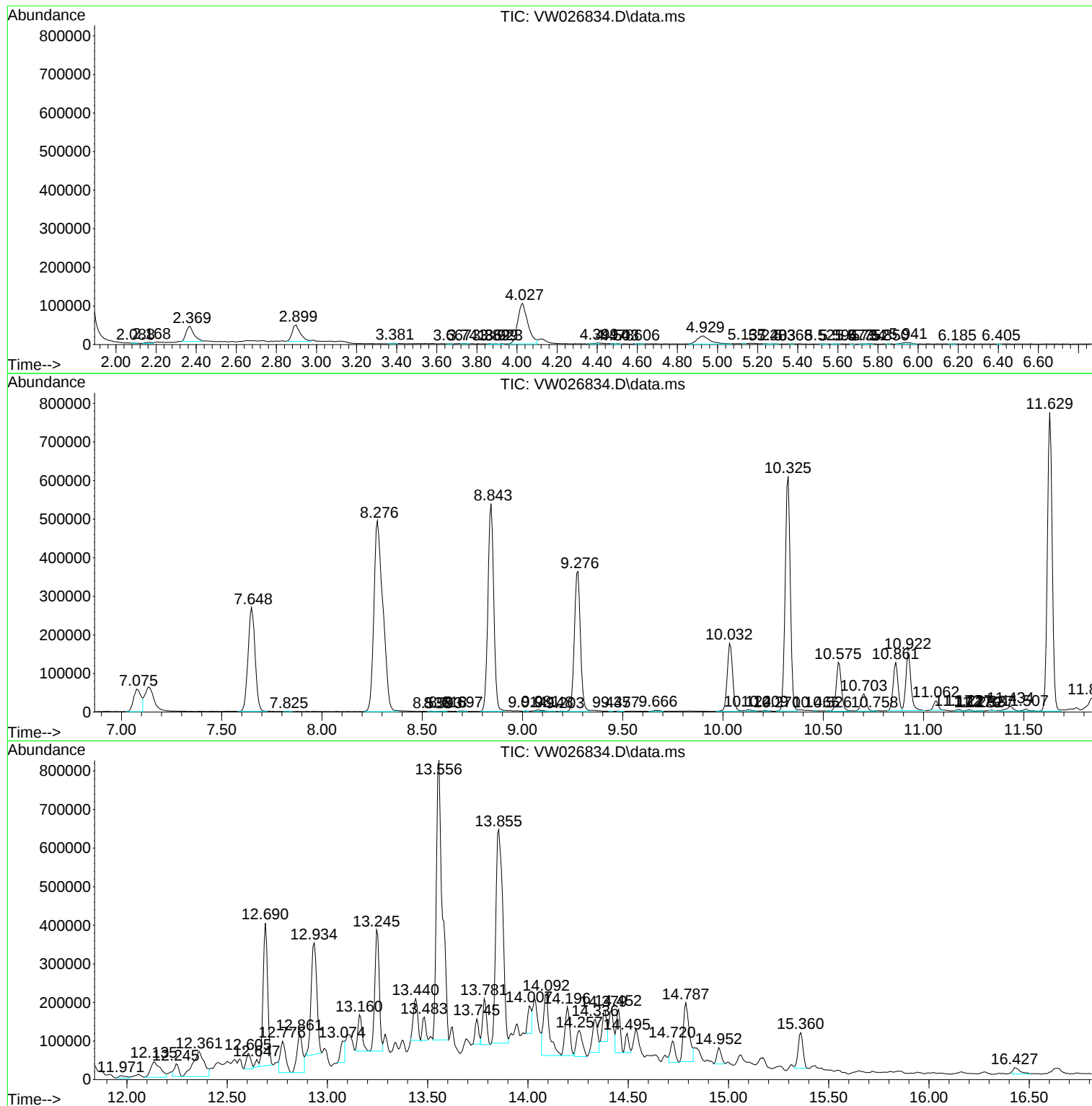
Sum of corrected areas: 16608391

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



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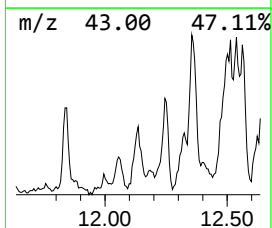
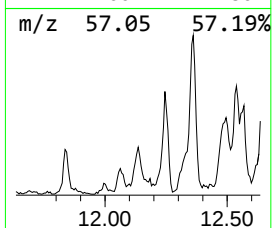
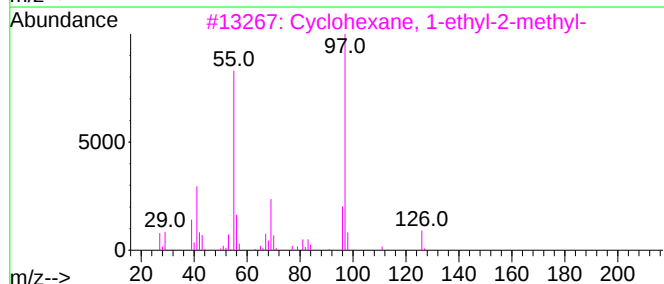
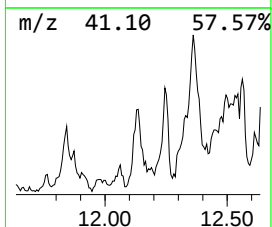
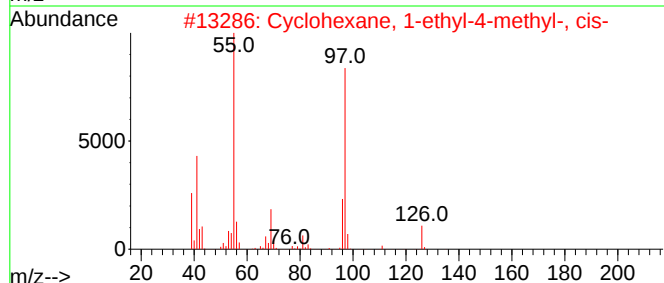
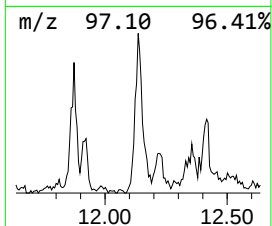
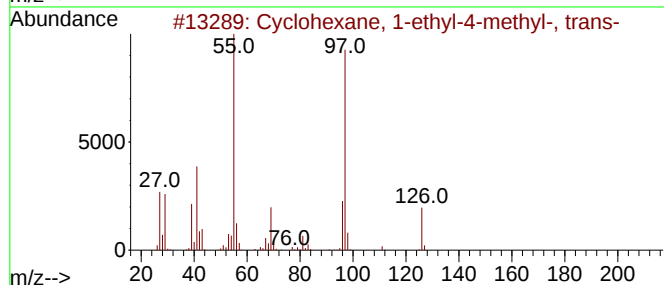
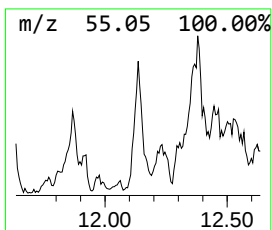
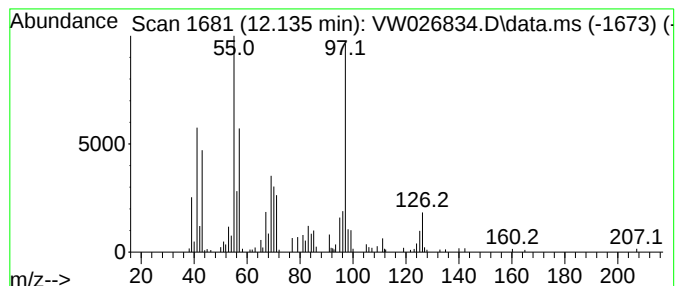
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.135 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	2.60 ug/L	135115	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	49
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
5			Thiophene, 2-propyl-	126	C7H10S	001551-27-5	46



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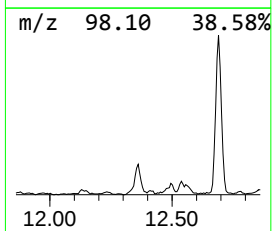
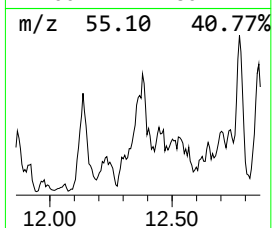
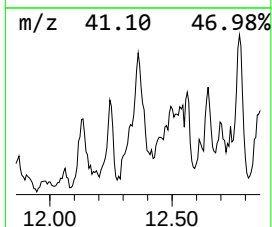
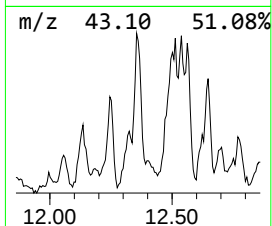
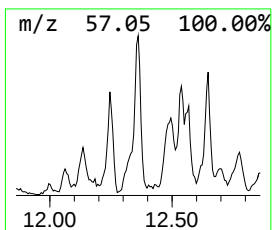
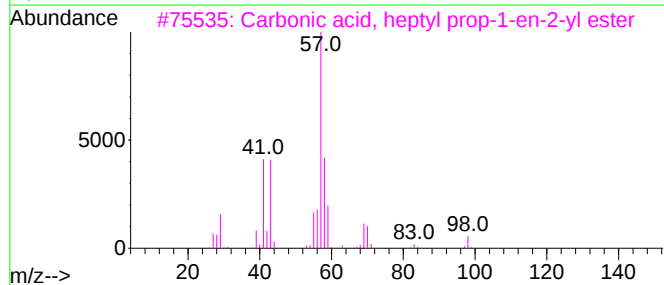
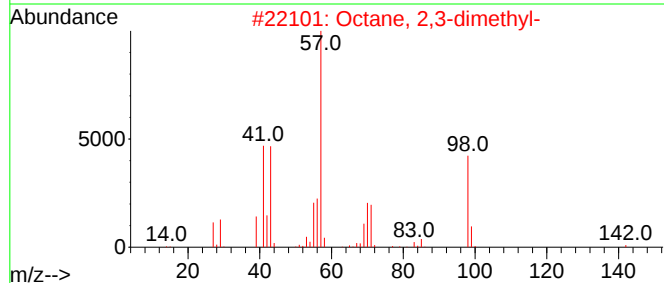
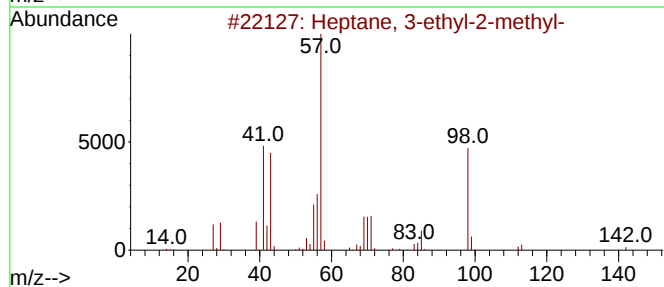
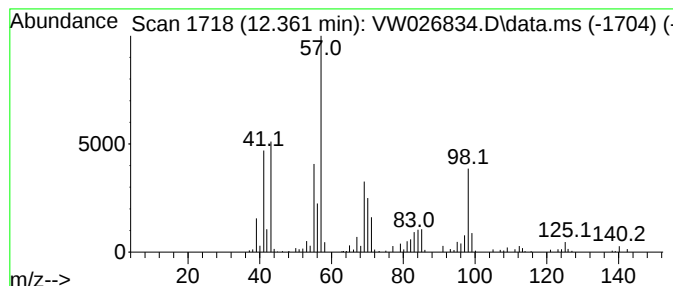
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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.
12.361	4.92 ug/L	255700	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	76
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	62
3			Carbonic acid, heptyl prop-1-en-...	200	C11H20O3	1000382-54-1	53
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



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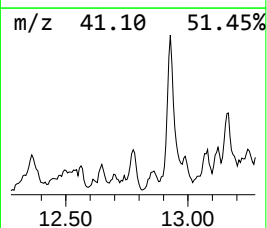
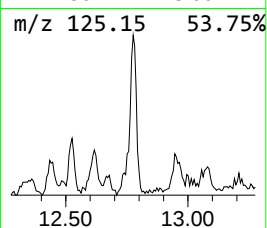
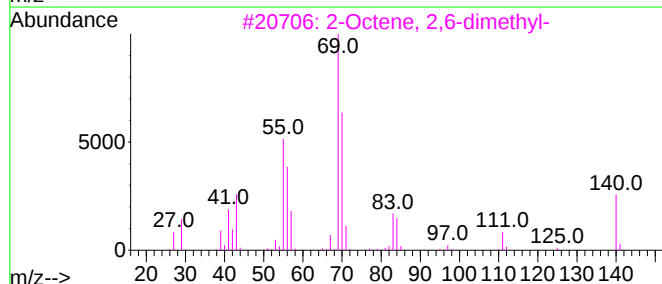
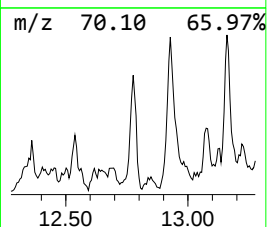
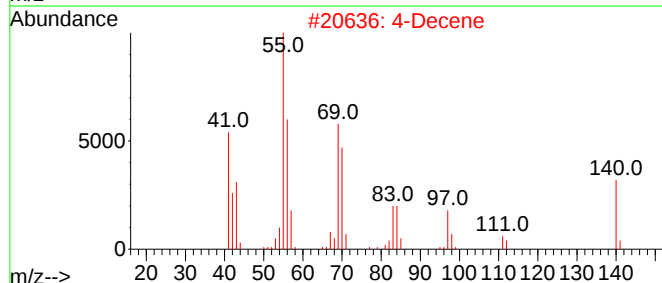
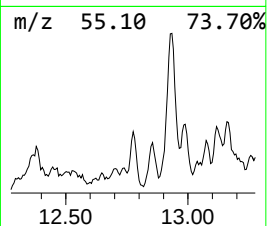
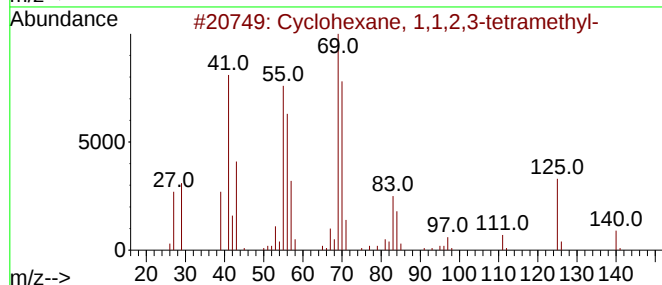
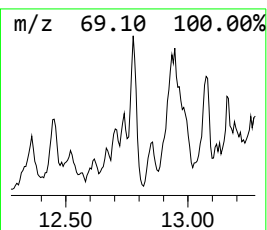
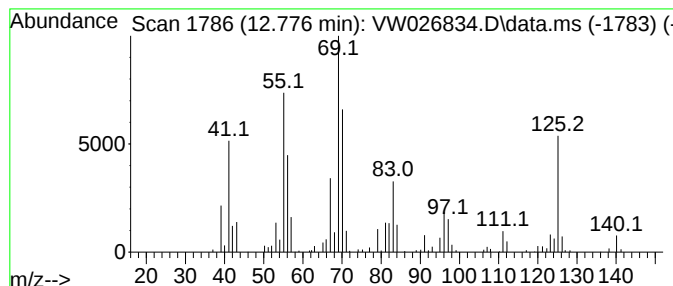
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.775 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	2.42 ug/L	145386	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2		4-Decene	140	C10H20	019689-18-0	58
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

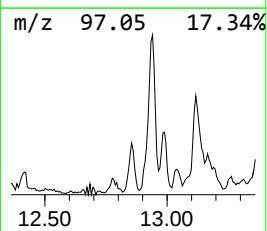
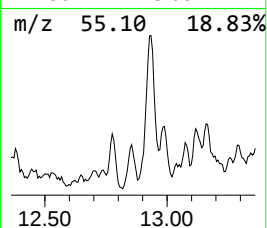
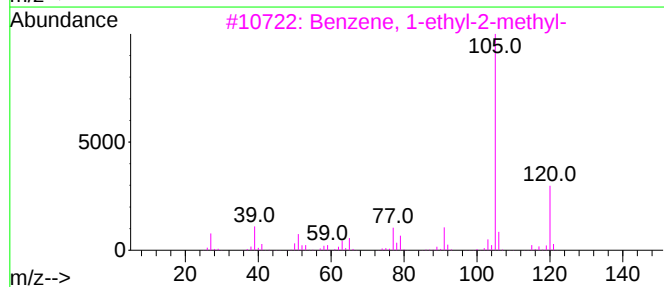
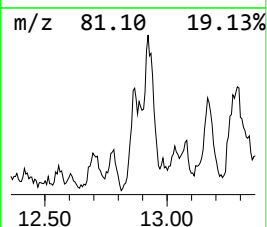
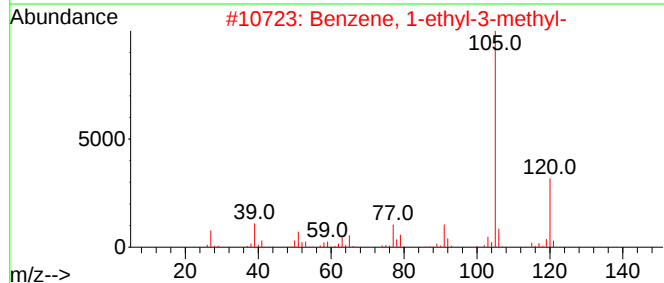
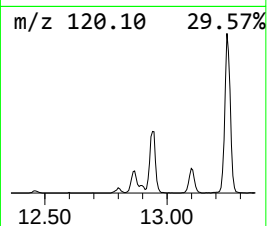
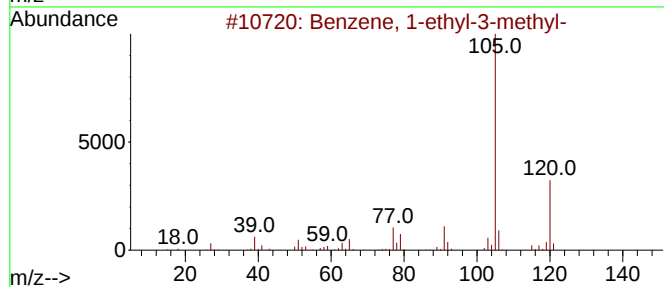
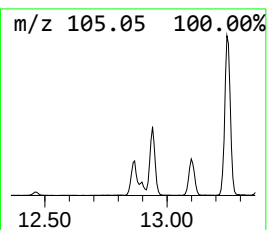
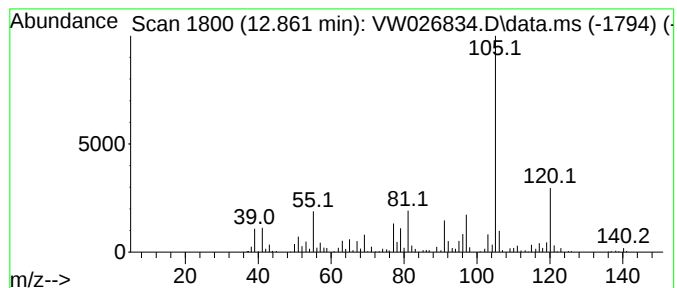
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	3.29 ug/L	197726	1,4-Dichlorobenzene-d4	13.556

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-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

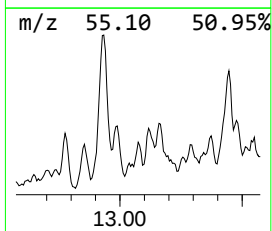
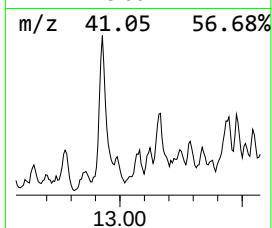
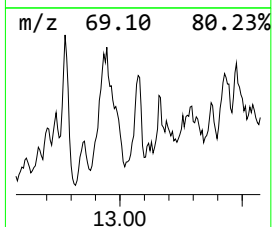
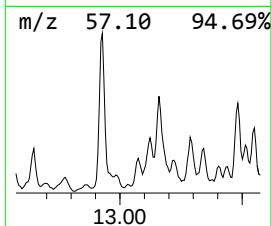
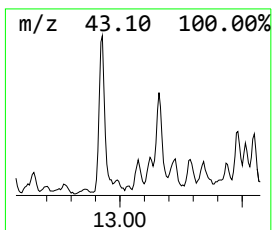
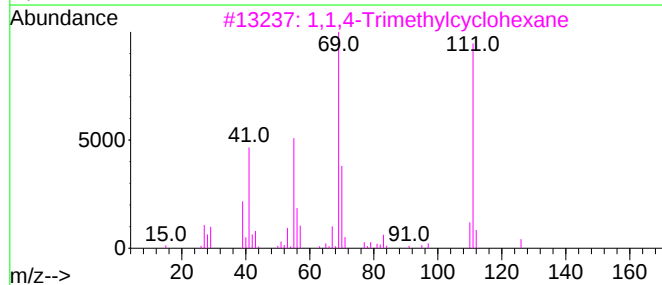
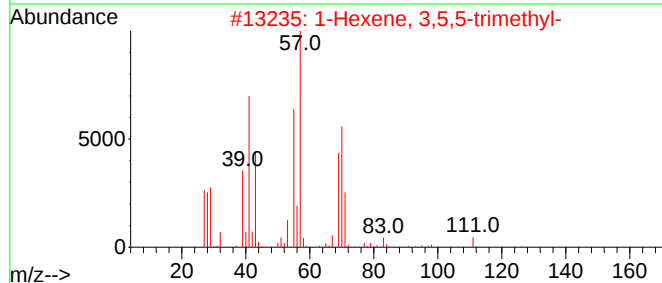
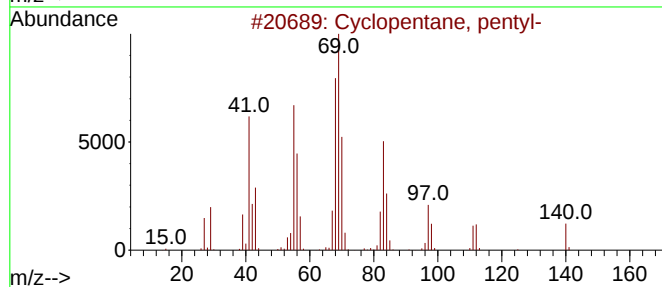
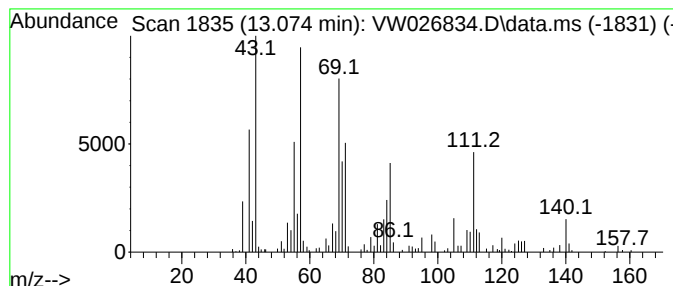
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic13.074 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	1.45 ug/L	87070	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, pentyl-	140	C10H20	003741-00-2	46
2			1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	41
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	41
4			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

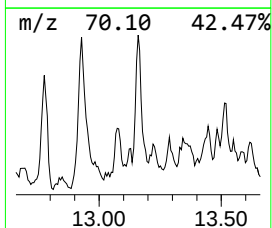
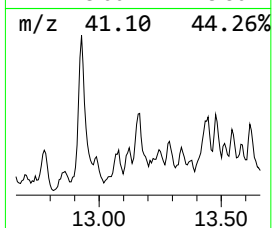
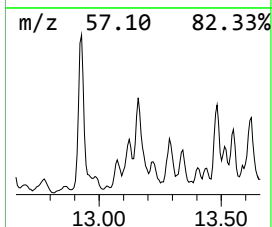
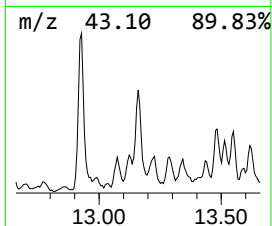
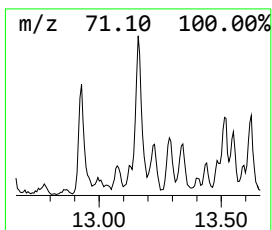
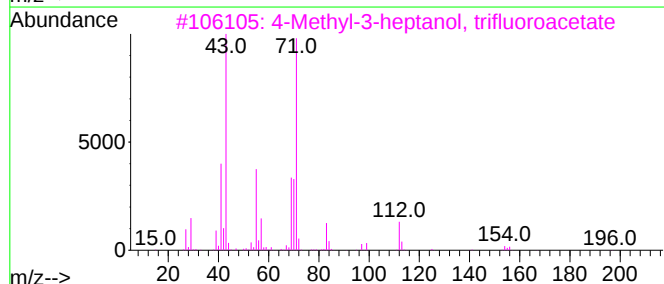
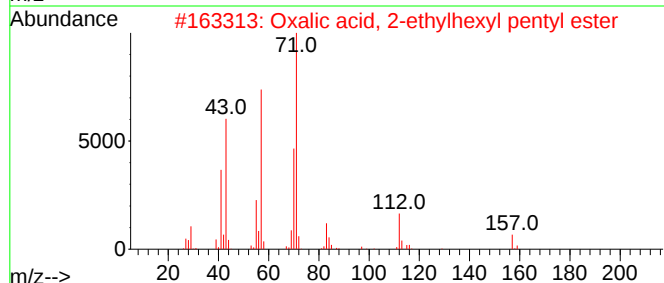
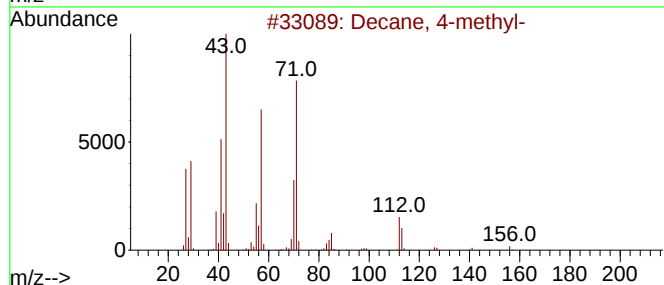
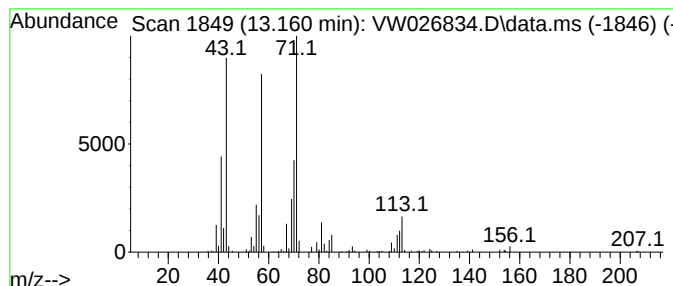
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MSVOA_W
ClientSampleId :
DCHR0

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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 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.160	2.31 ug/L	138669	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	80
2	Oxalic acid, 2-ethylhexyl pentyl...		272	C15H28O4	1000309-38-7	72
3	4-Methyl-3-heptanol, trifluoroac...		226	C10H17F3O2	1000365-51-8	64
4	Oxalic acid, monoamide, N-(2-eth...		271	C15H29NO3	1000309-32-0	64
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

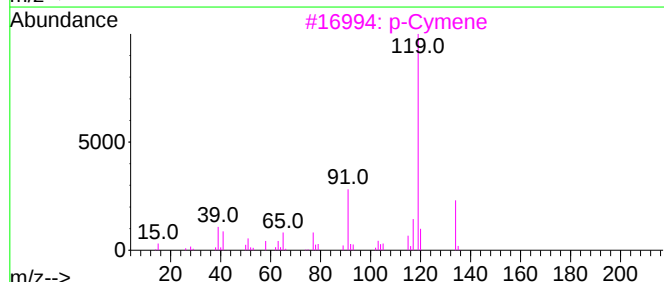
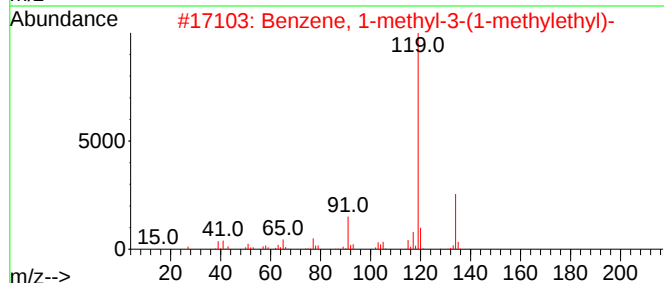
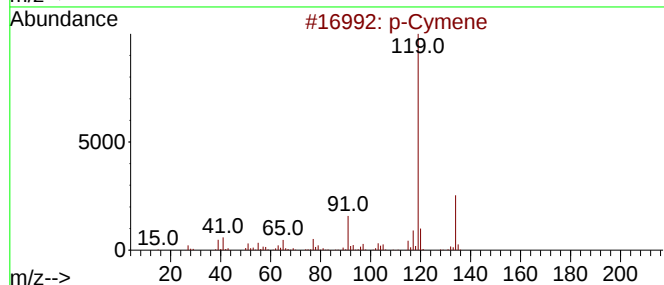
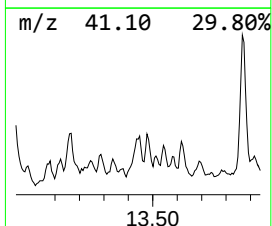
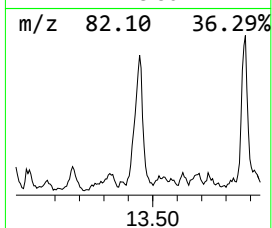
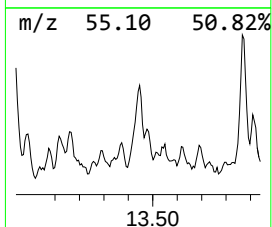
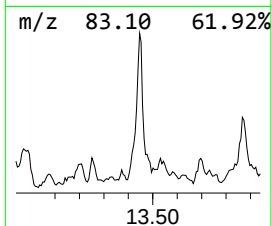
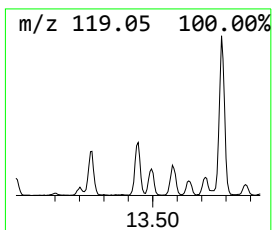
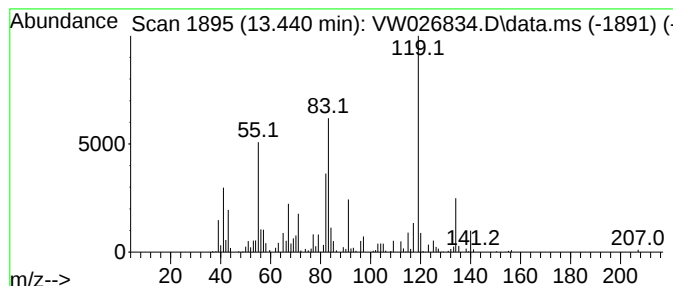
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 10 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.440	2.75 ug/L	165376	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	50
2	Benzene, 1-methyl-3-(1-methylethyl)-		134	C10H14	000535-77-3	50
3	p-Cymene		134	C10H14	000099-87-6	50
4	o-Cymene		134	C10H14	000527-84-4	50
5	p-Cymene		134	C10H14	000099-87-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

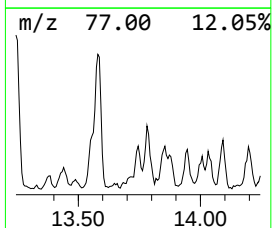
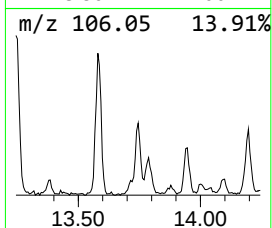
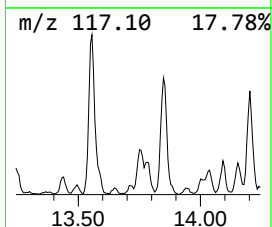
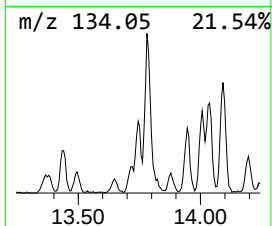
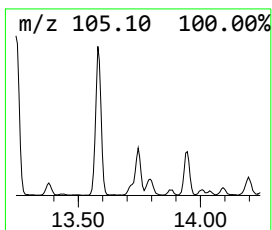
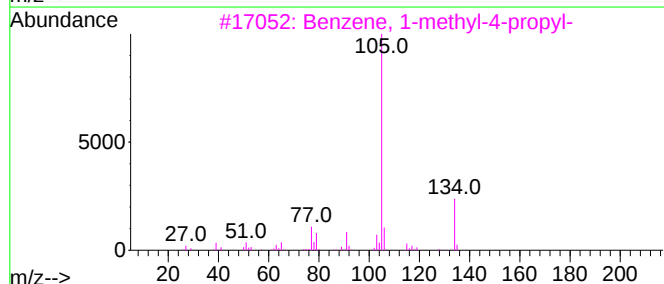
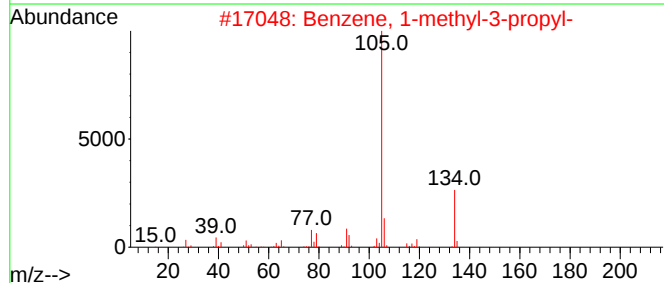
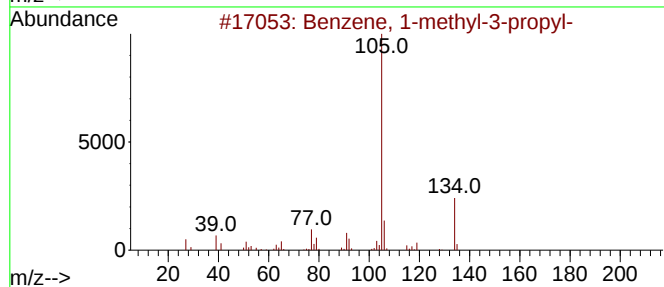
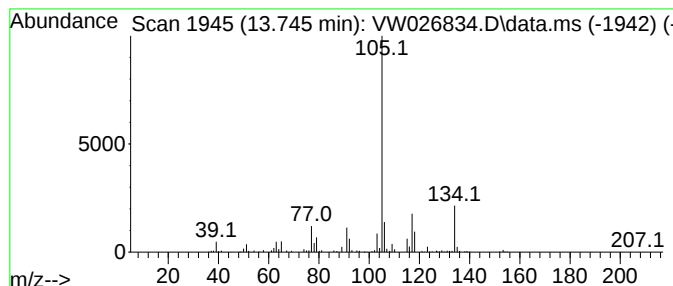
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	1.35 ug/L	80974	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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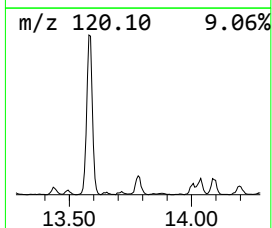
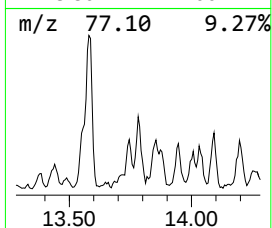
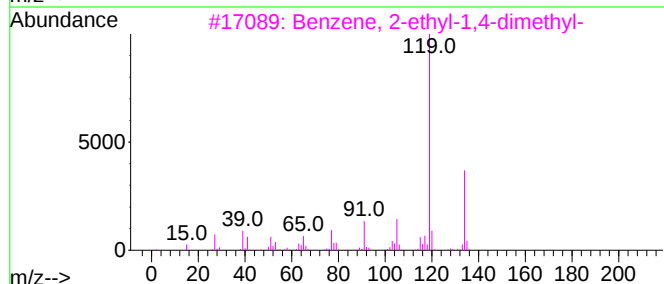
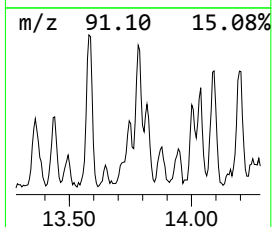
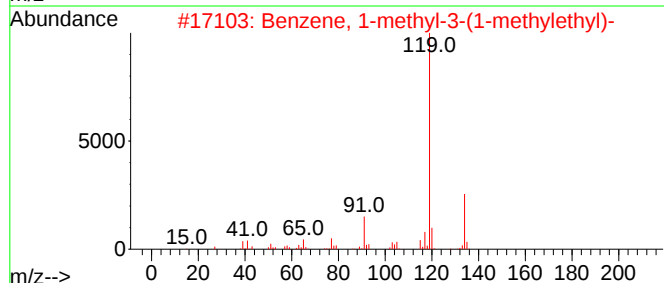
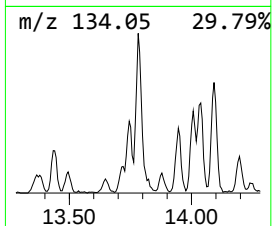
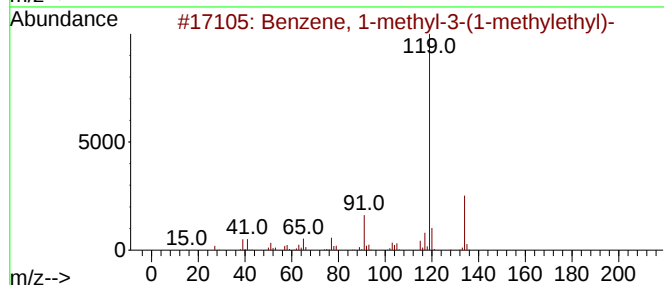
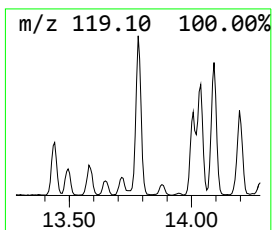
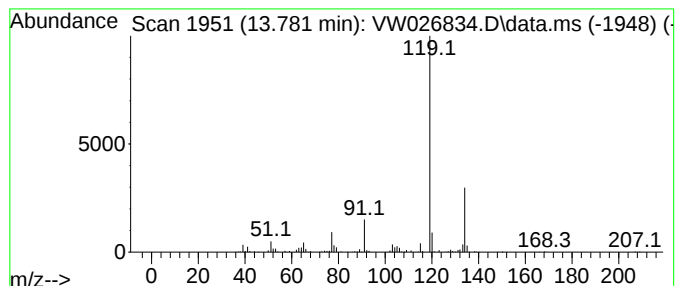
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	2.68 ug/L	161339	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

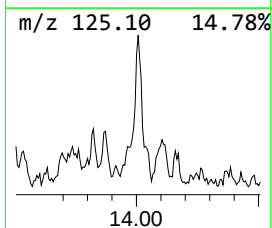
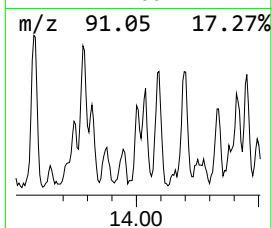
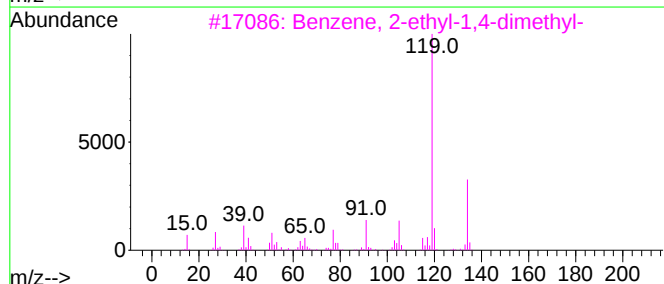
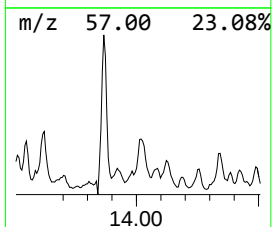
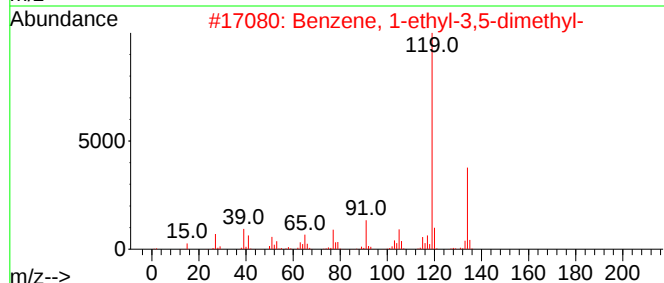
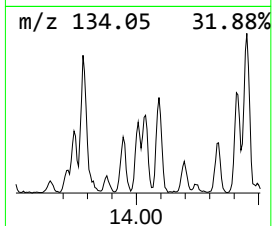
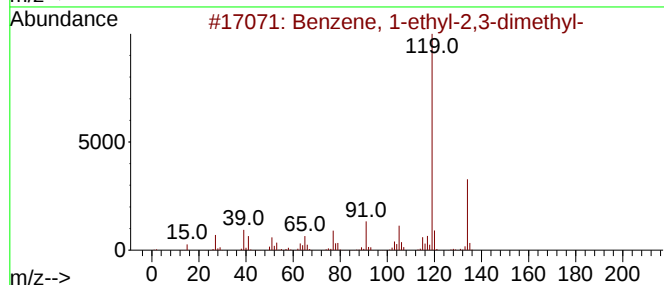
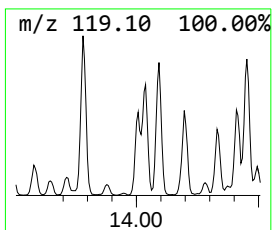
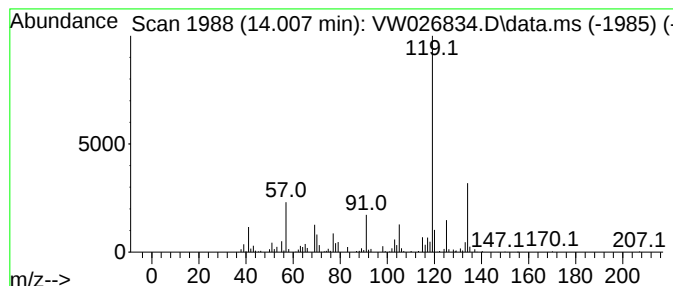
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	1.68 ug/L	100712	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

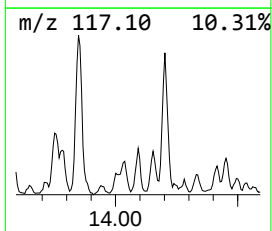
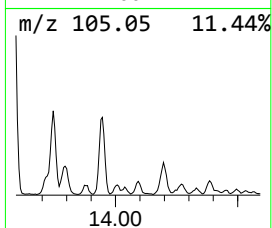
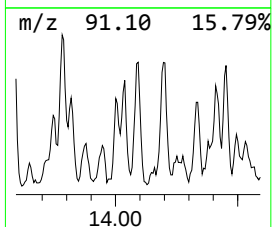
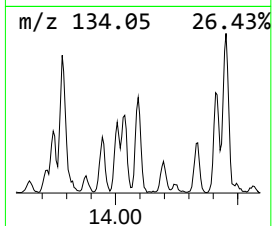
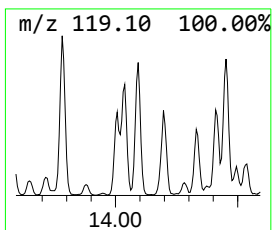
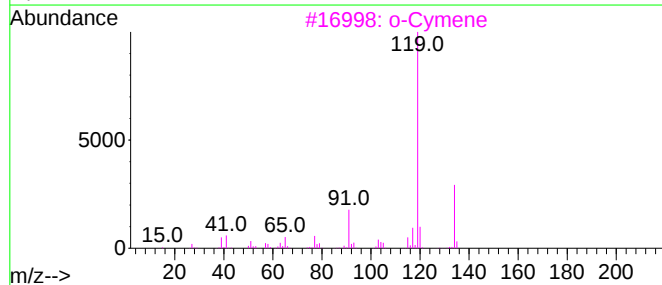
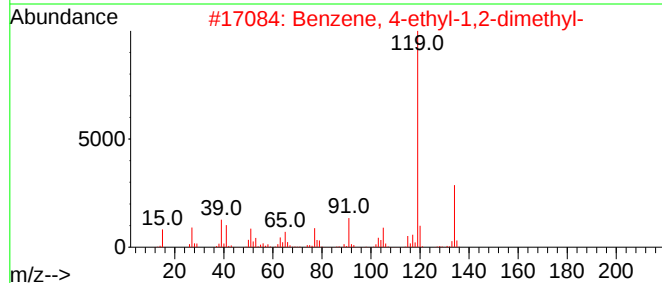
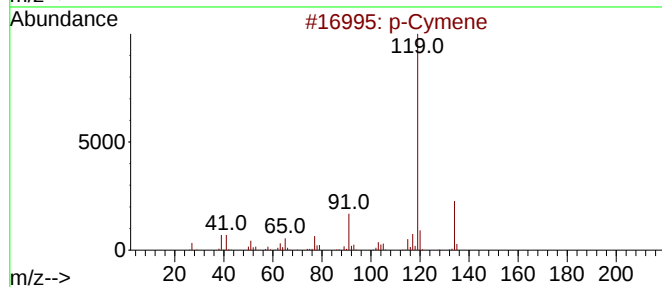
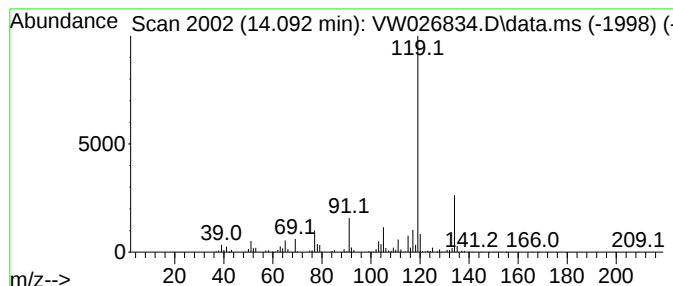
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MSVOA_W
ClientSampleId :
DCHR0

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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.092	5.46 ug/L	328075	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	95
2	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	94
3	o-Cymene		134	C10H14	000527-84-4	94
4	o-Cymene		134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

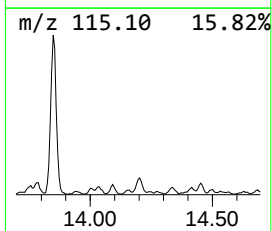
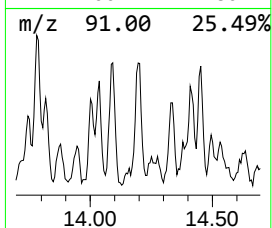
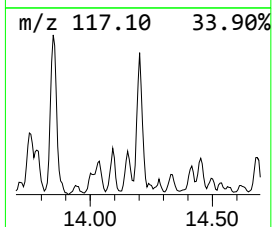
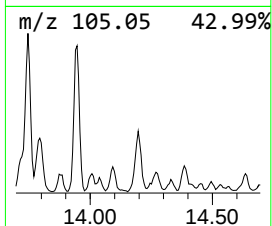
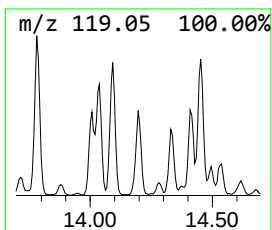
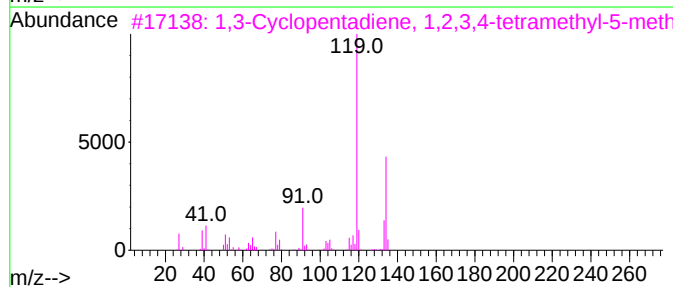
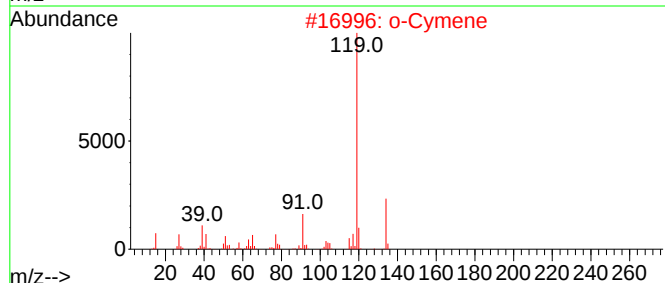
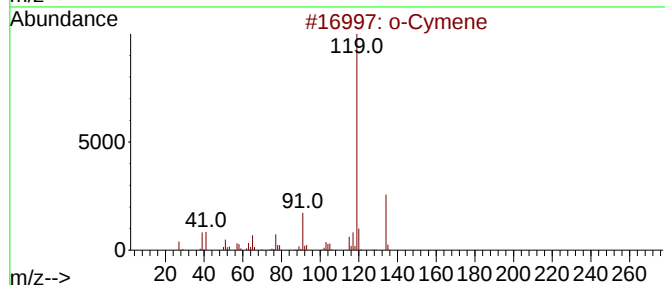
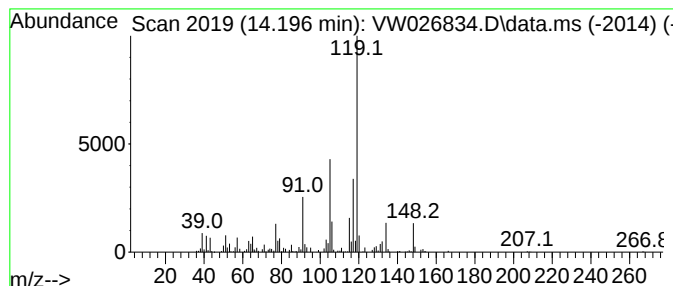
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Quant Title : SFAM01.0

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

Peak Number 15 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	3.42 ug/L	205603	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	64
2			o-Cymene	134	C10H14	000527-84-4	64
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62
4			p-Cymene	134	C10H14	000099-87-6	62
5			p-Cymene	134	C10H14	000099-87-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

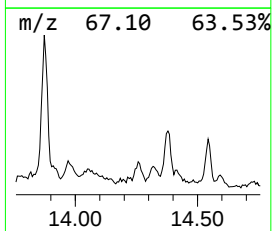
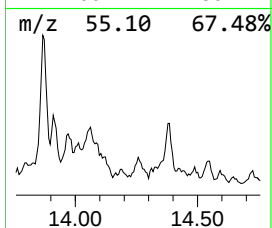
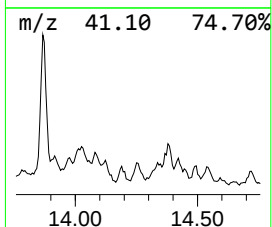
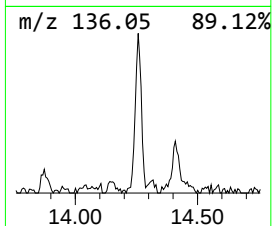
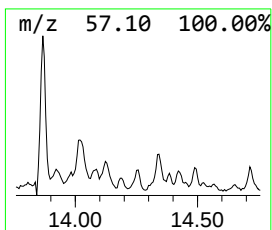
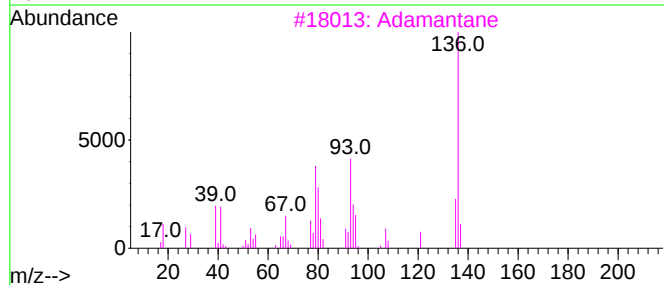
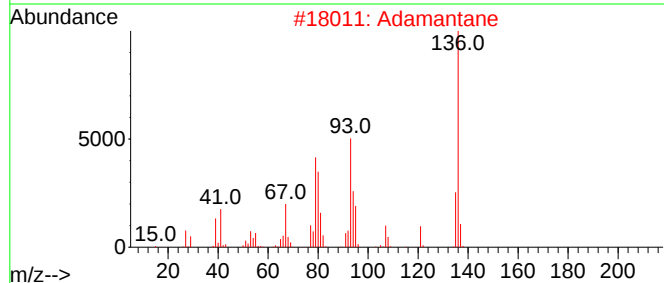
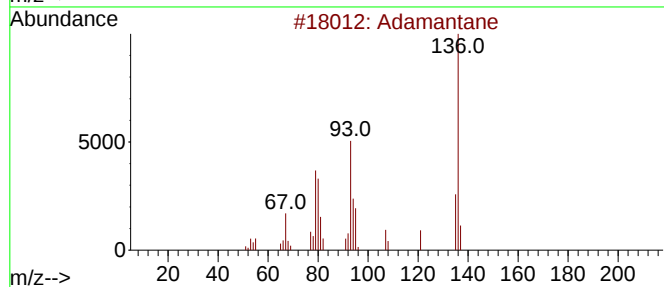
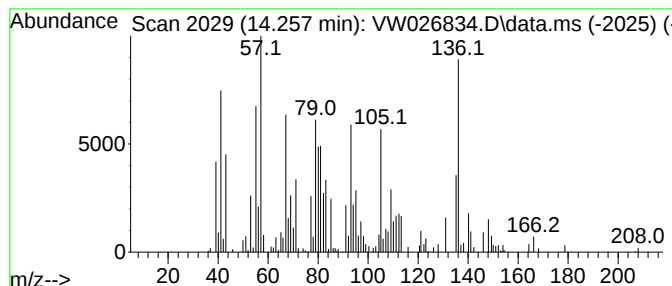
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Quant Title : SFAM01.0

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

Peak Number 16 Adamantane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	2.25 ug/L	135263	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	74
2	Adamantane			136	C10H16	000281-23-2	72
3	Adamantane			136	C10H16	000281-23-2	68
4	Adamantane			136	C10H16	000281-23-2	62
5	2,5-Methano-1H-indene, octahydro-			136	C10H16	019026-94-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

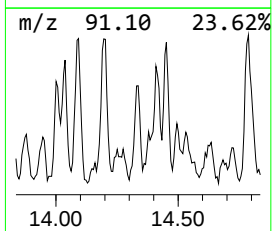
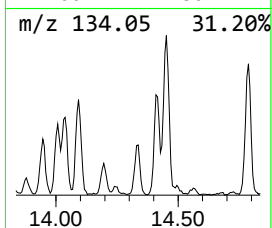
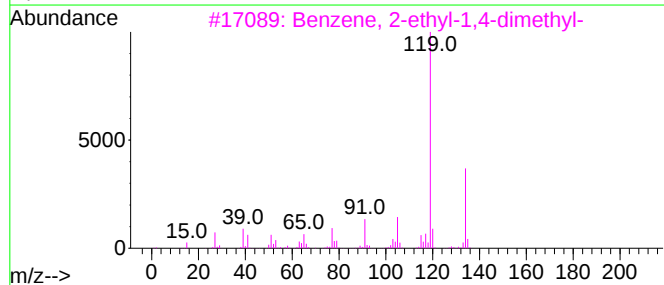
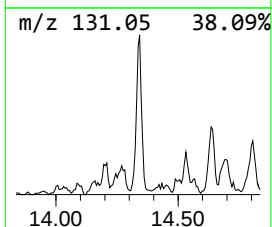
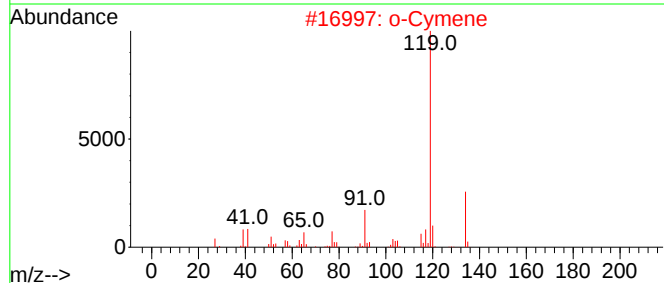
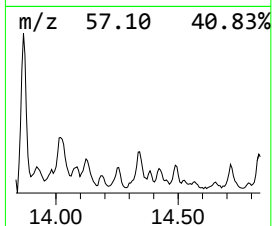
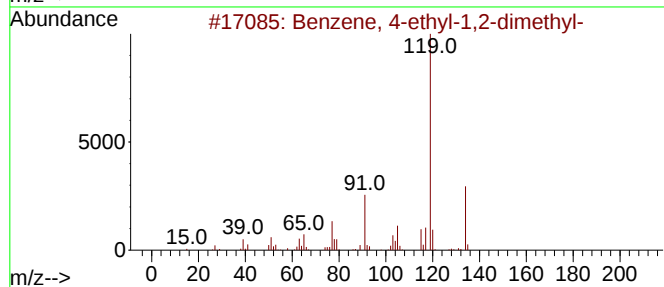
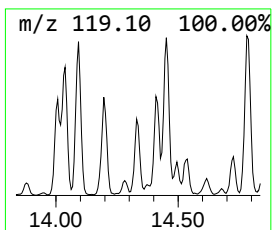
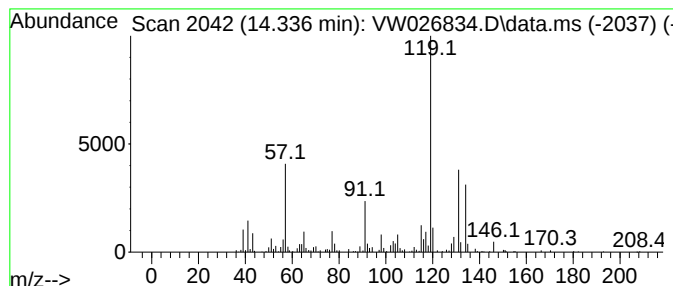
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	2.53 ug/L	152101	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2			o-Cymene	134	C10H14	000527-84-4	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4			o-Cymene	134	C10H14	000527-84-4	64
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

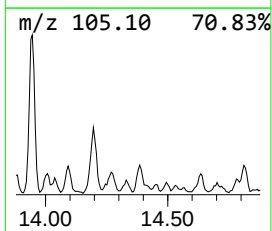
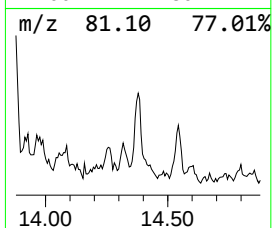
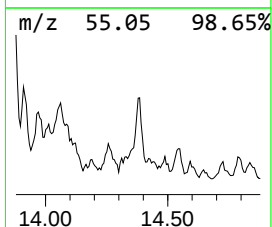
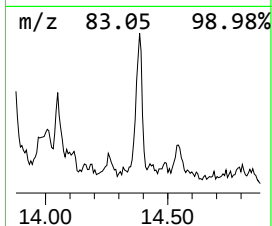
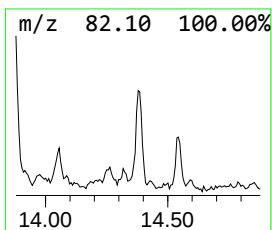
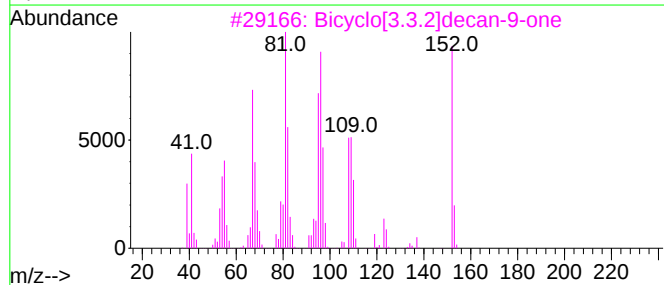
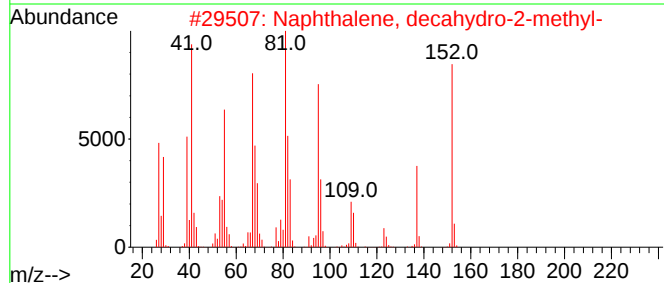
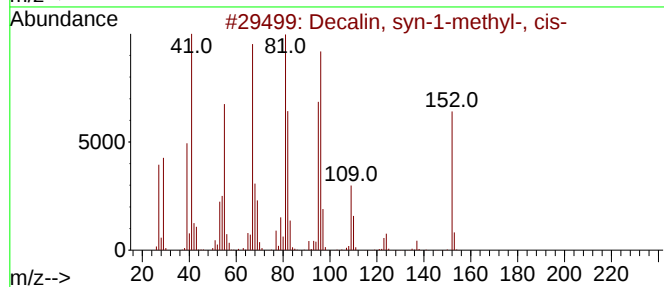
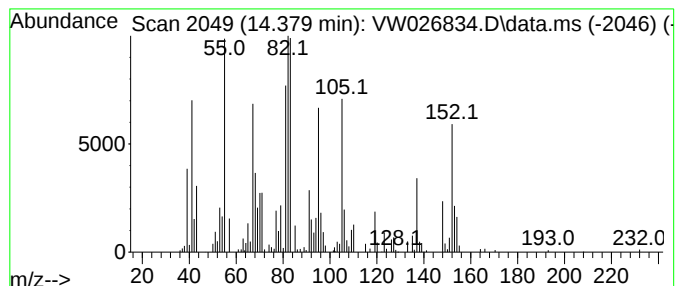
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	1.97 ug/L	118564	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
3			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	43
4			Spiro[5.5]undecane	152	C11H20	000180-43-8	41
5			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

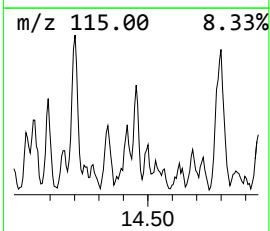
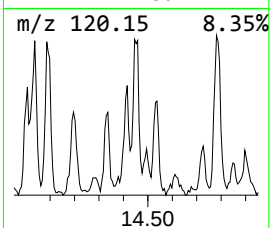
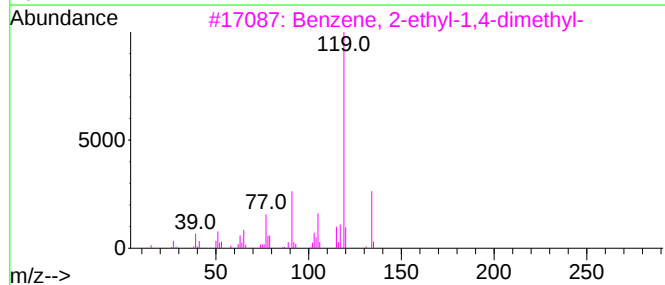
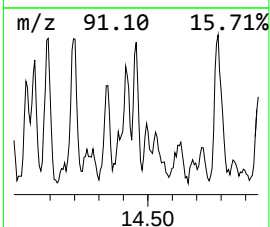
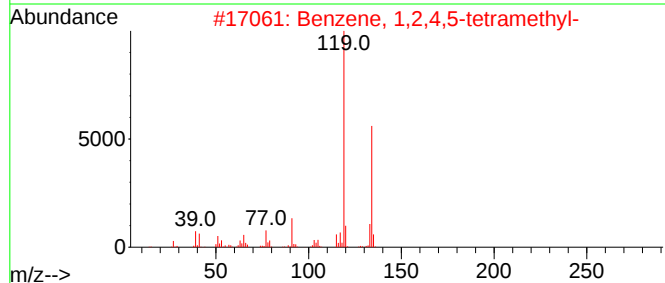
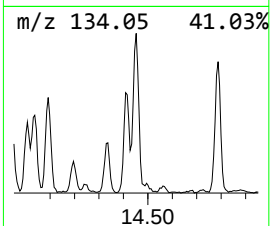
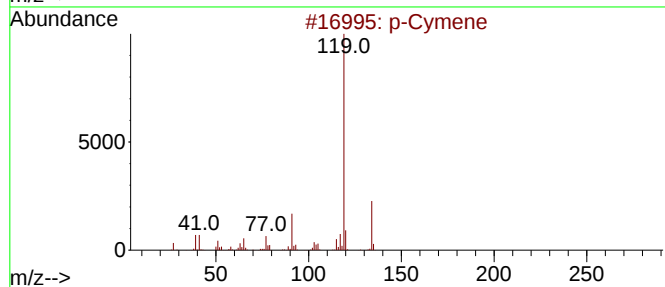
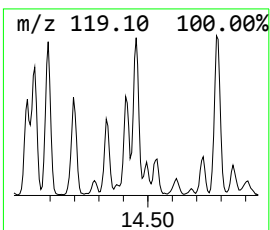
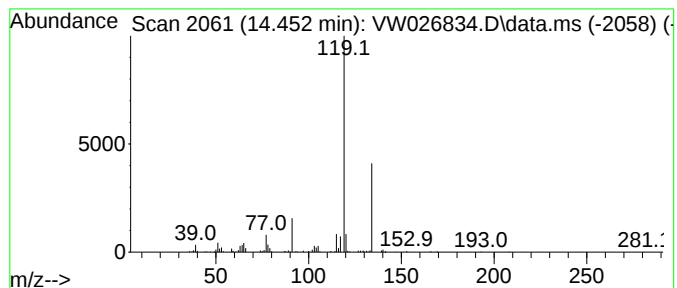
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	2.50 ug/L	150018	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

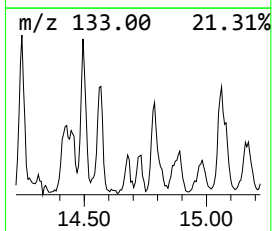
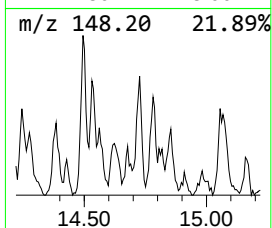
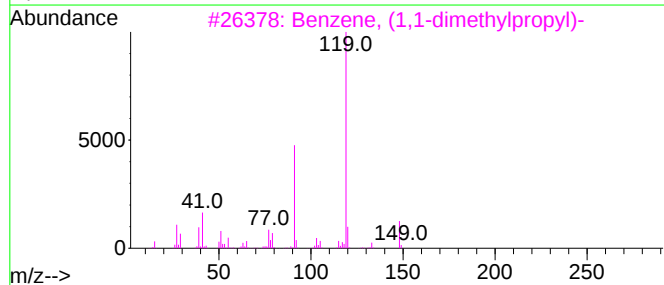
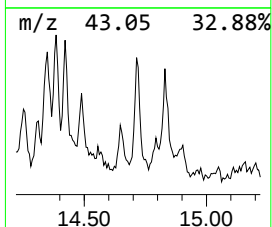
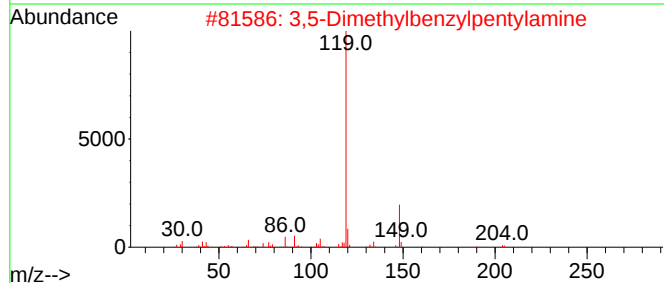
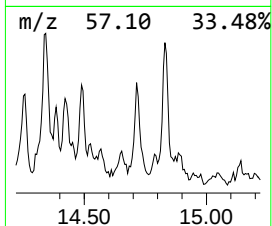
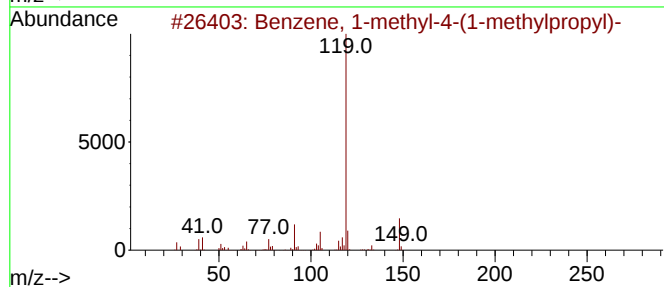
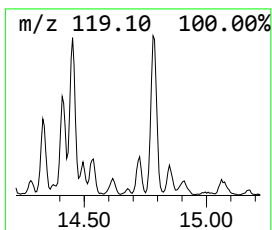
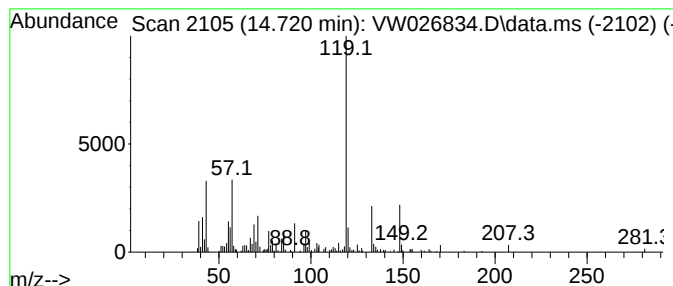
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	1.41 ug/L	84997	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2		3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	53
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4		Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	53
5		Imidazo[1,2-a]pyrazine	119	C6H5N3	000274-79-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

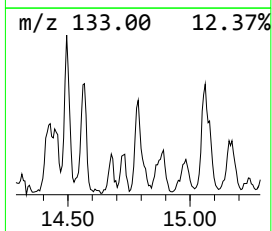
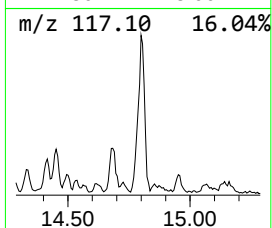
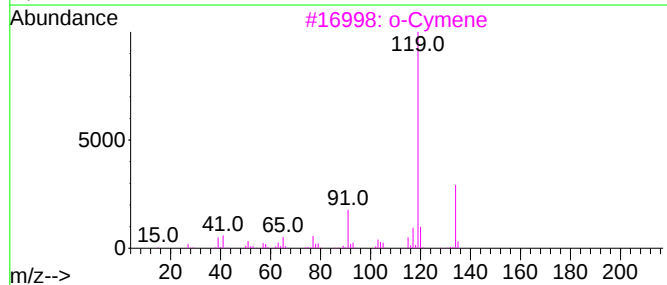
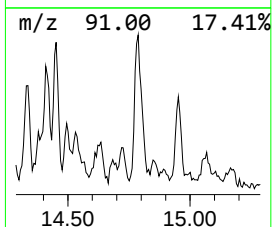
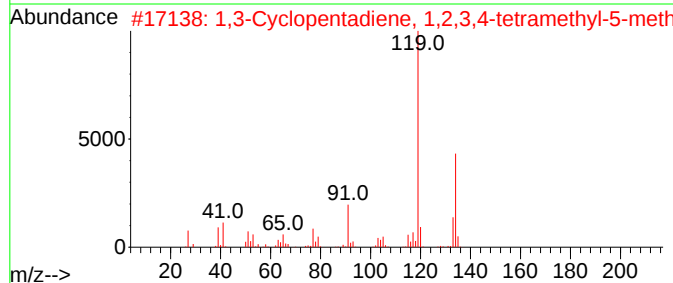
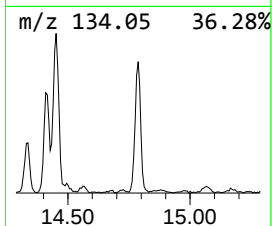
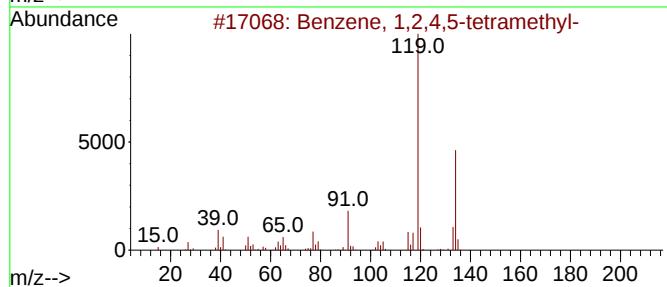
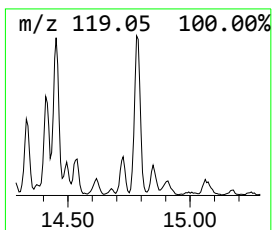
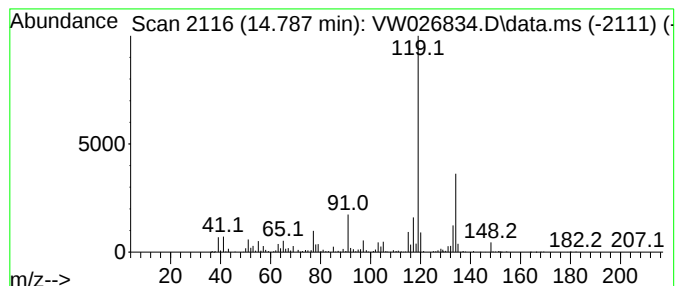
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	5.24 ug/L	315131	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
Data File : VW026834.D
Acq On : 23 Aug 2023 22:57
Operator : SY/MD
Sample : 04138-04
Misc : 4.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHR0

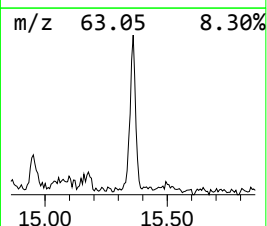
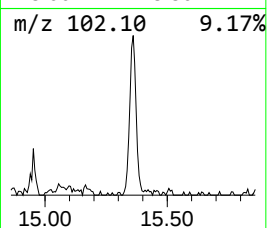
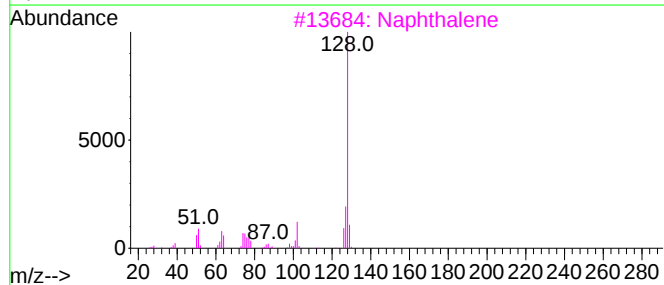
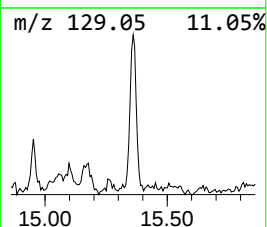
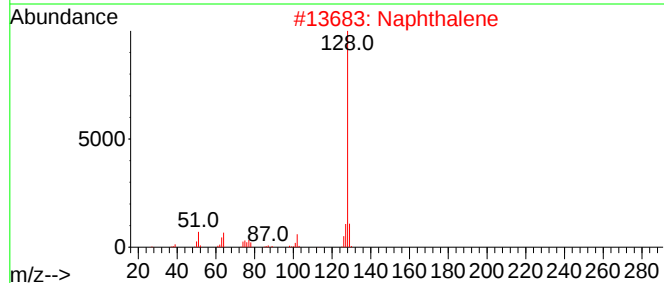
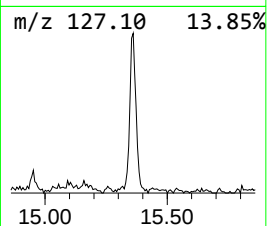
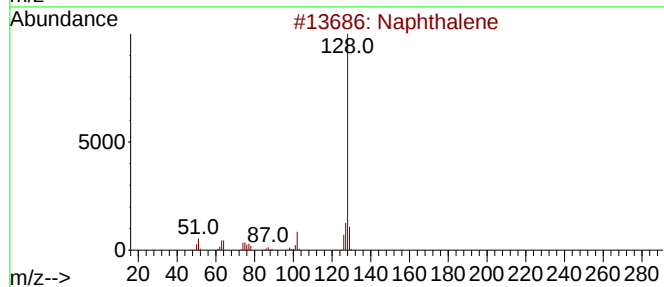
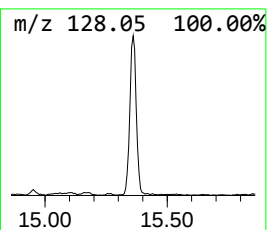
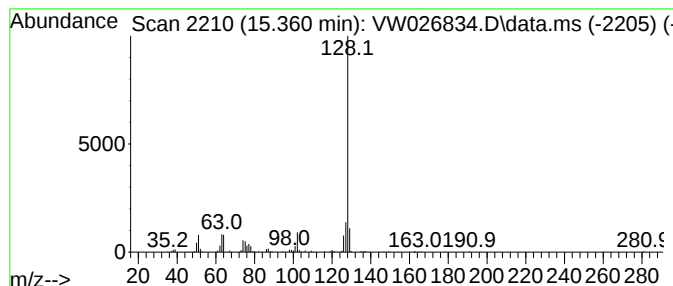
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Quant Title : SFAM01.0

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

Peak Number 22 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	2.57 ug/L	154645	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Naphthalene	128	C10H8	000091-20-3	91
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026834.D
 Acq On : 23 Aug 2023 22:57
 Operator : SY/MD
 Sample : 04138-04
 Misc : 4.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHR0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	12.135	2.6	ug/L	135115	2	11.629	1299430	25.0
(DEL) Alkane: S...	12.361	4.9	ug/L	255700	2	11.629	1299430	25.0
(DEL) Alkane: C...	12.775	2.4	ug/L	145386	3	13.556	1502250	25.0
Benzene, 1-ethy...	12.861	3.3	ug/L	197726	3	13.556	1502250	25.0
(DEL) Alkane: C...	13.074	1.5	ug/L	87070	3	13.556	1502250	25.0
(DEL) Alkane: S...	13.160	2.3	ug/L	138669	3	13.556	1502250	25.0
p-Cymene	13.440	2.8	ug/L	165376	3	13.556	1502250	25.0
Benzene, 1-meth...	13.745	1.4	ug/L	80974	3	13.556	1502250	25.0
Benzene, 1-meth...	13.781	2.7	ug/L	161339	3	13.556	1502250	25.0
Benzene, 1-ethy...	14.007	1.7	ug/L	100712	3	13.556	1502250	25.0
Benzene, 4-ethy...	14.092	5.5	ug/L	328075	3	13.556	1502250	25.0
o-Cymene	14.196	3.4	ug/L	205603	3	13.556	1502250	25.0
Adamantane	14.257	2.3	ug/L	135263	3	13.556	1502250	25.0
Benzene, 2-ethy...	14.336	2.5	ug/L	152101	3	13.556	1502250	25.0
unknown-01	14.379	2.0	ug/L	118564	3	13.556	1502250	25.0
Benzene, 1,2,4,...	14.452	2.5	ug/L	150018	3	13.556	1502250	25.0
Benzene, 1-meth...	14.720	1.4	ug/L	84997	3	13.556	1502250	25.0
Benzene, 1,2,3,...	14.787	5.2	ug/L	315131	3	13.556	1502250	25.0
Azulene	15.360	2.6	ug/L	154645	3	13.556	1502250	25.0