

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026039.D
 Acq On : 25 May 2023 14:38
 Operator : SY/MD
 Sample : 02950-03
 Misc : 2.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW980

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW026039.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	49	rBV2	14032	25366	2.02%	0.265%
2	2.216	52	54	55	rBV	2769	1716	0.14%	0.018%
3	2.357	72	77	84	rVB	79895	145768	11.58%	1.520%
4	2.796	146	149	151	rBV4	2898	3457	0.27%	0.036%
5	2.893	158	165	181	rVB	56396	148754	11.82%	1.551%
6	3.174	210	211	215	rBV4	2267	1638	0.13%	0.017%
7	3.308	231	233	235	rBV3	1632	1700	0.14%	0.018%
8	3.344	238	239	242	rVV3	1090	1409	0.11%	0.015%
9	3.375	242	244	246	rVV3	1503	1746	0.14%	0.018%
10	3.399	246	248	252	rVV5	1873	2916	0.23%	0.030%
11	3.588	277	279	283	rVB5	1508	1939	0.15%	0.020%
12	3.631	283	286	289	rVB4	1901	1644	0.13%	0.017%
13	3.667	290	292	294	rBV2	1613	1187	0.09%	0.012%
14	3.820	316	317	320	rVB3	1194	1170	0.09%	0.012%
15	3.850	320	322	325	rVB4	1443	1549	0.12%	0.016%
16	3.881	325	327	330	rVB4	2138	1979	0.16%	0.021%
17	4.015	338	349	360	rBV	152634	409145	32.51%	4.267%
18	4.125	360	367	377	rVV2	17611	49877	3.96%	0.520%
19	4.228	383	384	387	rVB3	2469	1791	0.14%	0.019%
20	4.259	387	389	392	rBV4	1731	2299	0.18%	0.024%
21	4.289	392	394	396	rVB3	1631	1677	0.13%	0.017%
22	4.320	396	399	401	rBV4	1798	2308	0.18%	0.024%
23	4.381	404	409	420	rVB5	4379	11238	0.89%	0.117%
24	4.496	426	428	429	rBV2	1398	1357	0.11%	0.014%
25	4.545	433	436	438	rBV4	1158	1388	0.11%	0.014%
26	4.661	452	455	458	rVB5	1405	1499	0.12%	0.016%
27	4.783	474	475	478	rBV3	1346	1209	0.10%	0.013%
28	4.917	486	497	508	rBV2	50181	155153	12.33%	1.618%
29	5.149	533	535	536	rBV	1638	1380	0.11%	0.014%
30	5.179	536	540	543	rBV6	1252	1766	0.14%	0.018%
31	5.246	547	551	552	rVB4	987	1262	0.10%	0.013%
32	5.277	555	556	560	rVB4	920	1209	0.10%	0.013%
33	5.350	566	568	570	rBV3	1286	1286	0.10%	0.013%
34	5.460	583	586	589	rVB5	1326	1402	0.11%	0.015%
35	5.557	599	602	605	rVB5	1098	1200	0.10%	0.013%
36	5.588	605	607	610	rBV4	1205	1287	0.10%	0.013%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	5.746	631	633	635	rBV3	1853	2389	0.19%	0.025%
38	5.777	635	638	639	rBV3	1890	2012	0.16%	0.021%
39	5.941	658	665	675	rVB2	17740	50894	4.04%	0.531%
40	6.069	683	686	688	rBV4	1231	1468	0.12%	0.015%
41	6.112	692	693	700	rBV6	1406	2917	0.23%	0.030%
42	6.185	702	705	706	rBV2	1427	1206	0.10%	0.013%
43	6.271	714	719	721	rVV6	1409	1707	0.14%	0.018%
44	6.301	721	724	725	rVB3	1401	1290	0.10%	0.013%
45	6.313	725	726	729	rBV3	1465	1425	0.11%	0.015%
46	6.423	742	744	747	rVB4	1683	2263	0.18%	0.024%
47	6.460	747	750	751	rBV2	951	1212	0.10%	0.013%
48	6.490	751	755	757	rVB5	1062	1666	0.13%	0.017%
49	6.527	757	761	762	rVB3	1278	1446	0.11%	0.015%
50	6.807	805	807	810	rBV4	1240	1586	0.13%	0.017%
51	6.850	810	814	816	rVB5	1570	1703	0.14%	0.018%
52	6.984	834	836	838	rVV3	1554	1293	0.10%	0.013%
53	7.008	838	840	843	rVB4	1458	1654	0.13%	0.017%
54	7.081	843	852	861	rBV	36960	113381	9.01%	1.182%
55	7.173	865	867	874	rVV2	8076	18205	1.45%	0.190%
56	7.252	878	880	882	rVB3	2401	2014	0.16%	0.021%
57	7.295	884	887	890	rBV5	1741	2046	0.16%	0.021%
58	7.411	904	906	909	rVB4	1571	1650	0.13%	0.017%
59	7.441	909	911	912	rBV2	1668	1467	0.12%	0.015%
60	7.459	912	914	916	rVB3	1884	1545	0.12%	0.016%
61	7.478	916	917	921	rBV4	1755	1941	0.15%	0.020%
62	7.545	926	928	932	rBV5	1731	1996	0.16%	0.021%
63	7.648	934	945	956	rBV	218674	541966	43.07%	5.652%
64	7.740	958	960	963	rBV3	950	1204	0.10%	0.013%
65	7.831	972	975	977	rBV4	1598	1571	0.12%	0.016%
66	7.959	992	996	997	rVV4	1463	1621	0.13%	0.017%
67	8.032	1002	1008	1014	rVB4	2318	4983	0.40%	0.052%
68	8.173	1029	1031	1033	rVB3	1880	1603	0.13%	0.017%
69	8.209	1033	1037	1038	rBV4	2116	2912	0.23%	0.030%
70	8.276	1038	1048	1063	rVV2	431306	1258337	100.00%	13.123%
71	8.398	1066	1068	1073	rVV6	2166	3136	0.25%	0.033%
72	8.502	1084	1085	1087	rVB2	2381	1420	0.11%	0.015%
73	8.532	1087	1090	1091	rBV3	2335	2166	0.17%	0.023%
74	8.587	1095	1099	1100	rBV4	1945	1914	0.15%	0.020%
75	8.630	1103	1106	1108	rBV4	1628	2025	0.16%	0.021%
76	8.703	1117	1118	1121	rVB3	2231	1291	0.10%	0.013%

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 Title : SFAM01.0

77	8.843	1131	1141	1155	rBV	440715	891484	70.85%	9.297%
78	9.002	1165	1167	1169	rVB3	2204	1735	0.14%	0.018%
79	9.038	1171	1173	1174	rBV2	1666	1320	0.10%	0.014%
80	9.276	1200	1212	1227	rBV	305941	649750	51.64%	6.776%
81	9.605	1264	1266	1272	rVB4	7585	9486	0.75%	0.099%
82	9.660	1273	1275	1276	rBV2	2471	1498	0.12%	0.016%
83	9.739	1286	1288	1291	rBV4	2585	3740	0.30%	0.039%
84	10.032	1330	1336	1348	rBV	128383	256557	20.39%	2.676%
85	10.178	1358	1360	1361	rBV2	3976	3217	0.26%	0.034%
86	10.325	1376	1384	1391	rBV	549617	1000802	79.53%	10.437%
87	10.581	1420	1426	1430	rBV	80294	142240	11.30%	1.483%
88	10.922	1476	1482	1491	rBV	123680	256728	20.40%	2.677%
89	11.629	1592	1598	1608	rVB	559790	951227	75.59%	9.920%
90	12.135	1677	1681	1686	rVB5	30830	47685	3.79%	0.497%
91	12.361	1710	1718	1723	rVB3	64158	149855	11.91%	1.563%
92	12.690	1767	1772	1779	rBV	201261	324115	25.76%	3.380%
93	12.849	1796	1798	1805	rBV7	16842	29031	2.31%	0.303%
94	13.288	1863	1870	1875	rBV6	68168	170004	13.51%	1.773%
95	13.556	1908	1914	1922	rVB	404247	656732	52.19%	6.849%
96	13.848	1957	1962	1971	rBV	326801	651826	51.80%	6.798%
97	14.379	2045	2049	2054	rVB4	60752	101110	8.04%	1.054%
98	14.836	2120	2124	2131	rVB3	57889	107808	8.57%	1.124%
99	15.324	2200	2204	2209	rVB8	29399	55005	4.37%	0.574%
100	15.726	2266	2270	2277	rVB6	43020	83543	6.64%	0.871%

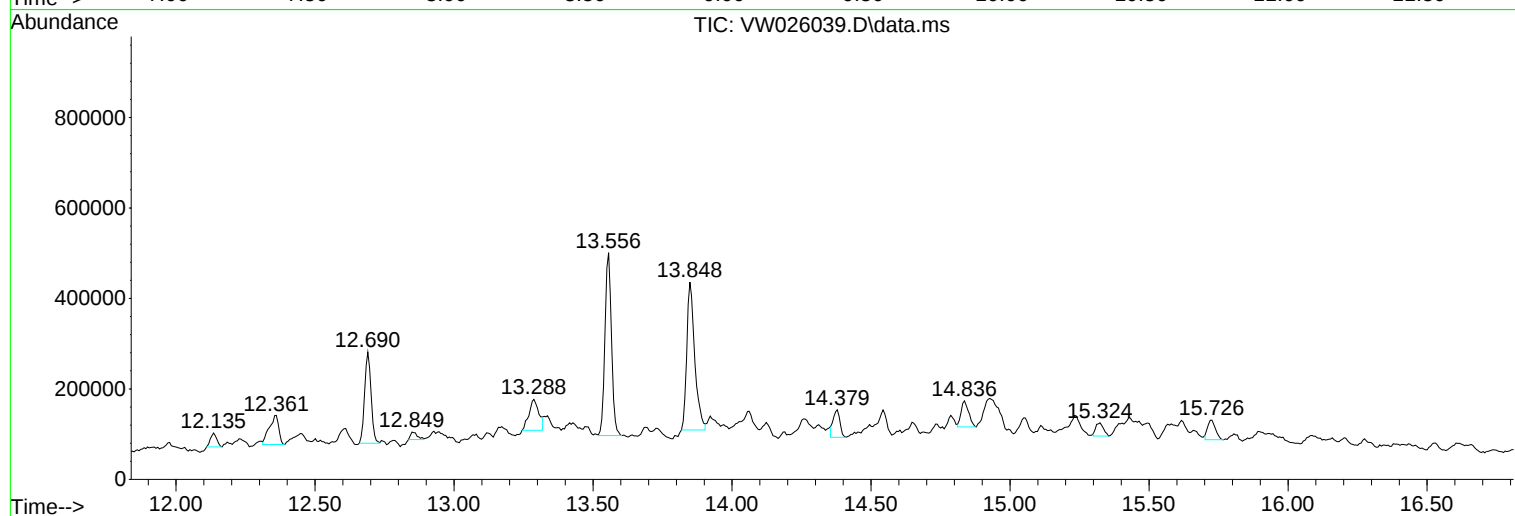
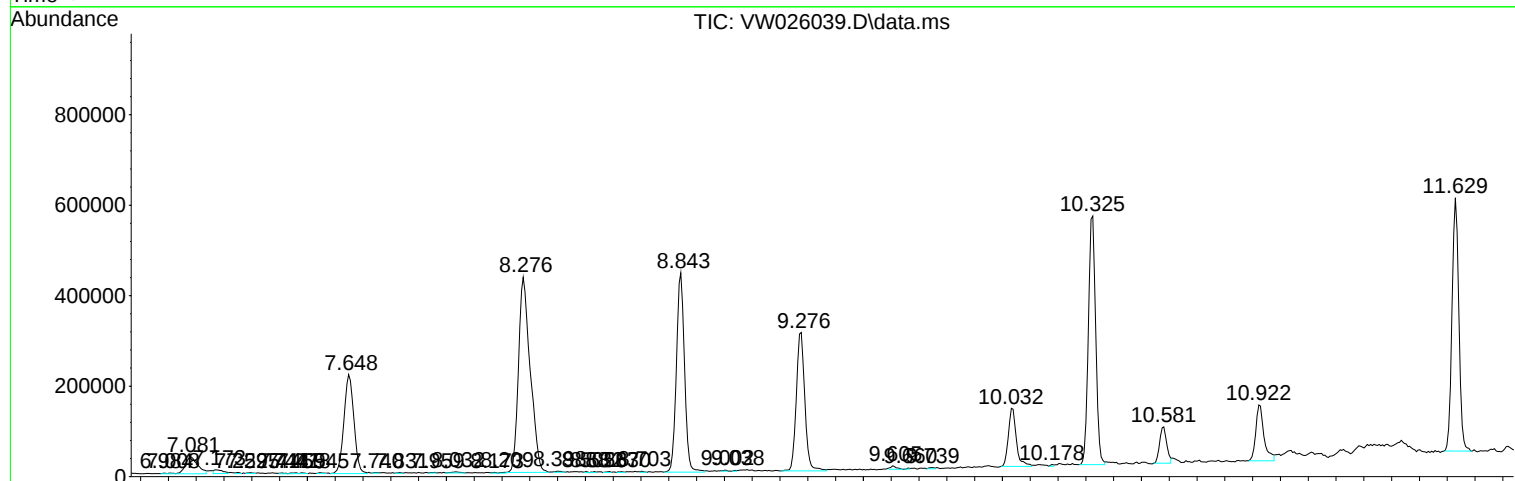
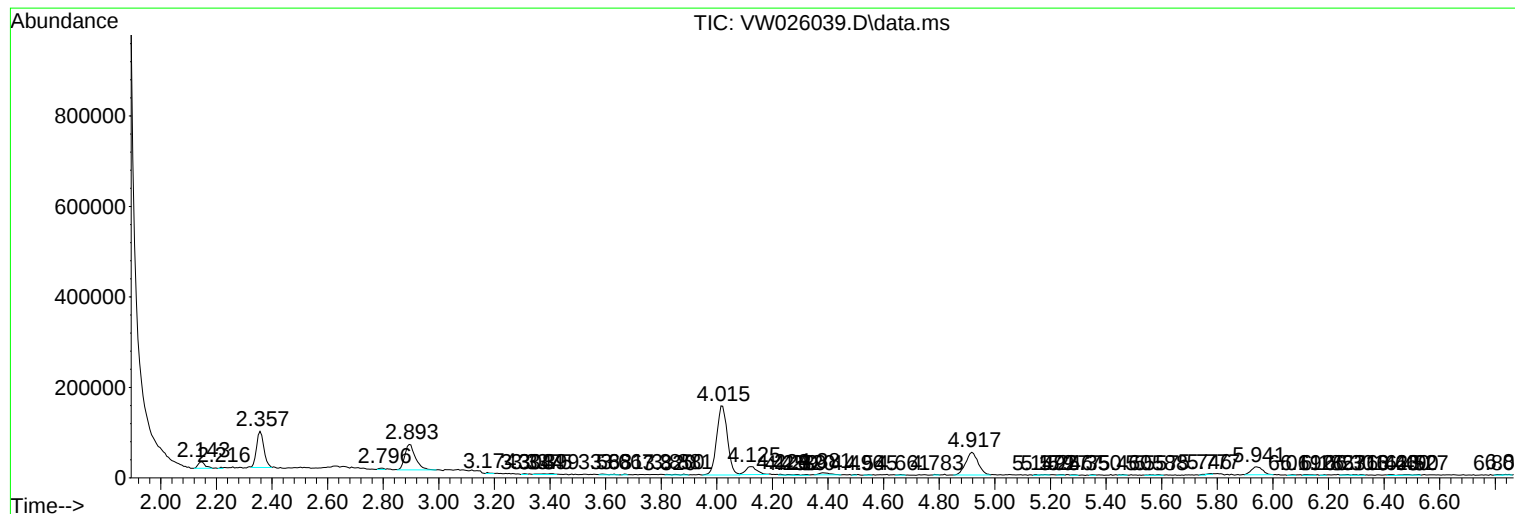
Sum of corrected areas: 9588694

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



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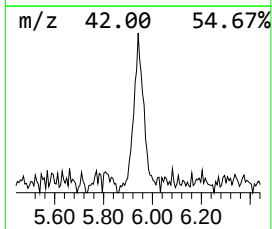
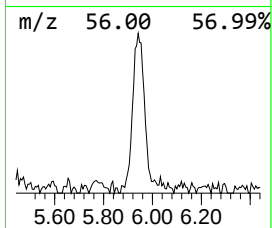
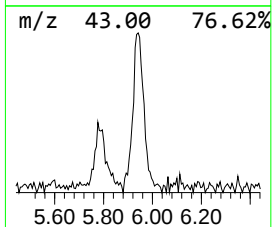
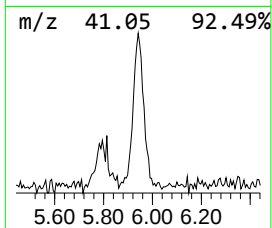
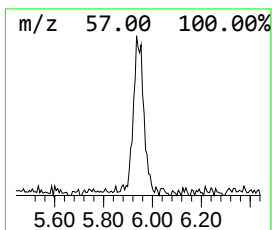
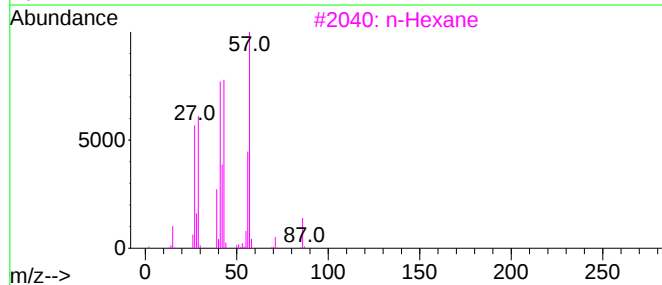
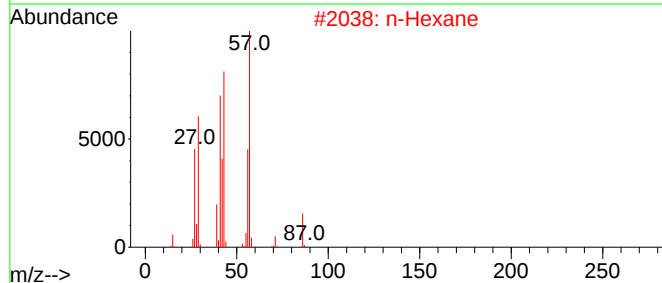
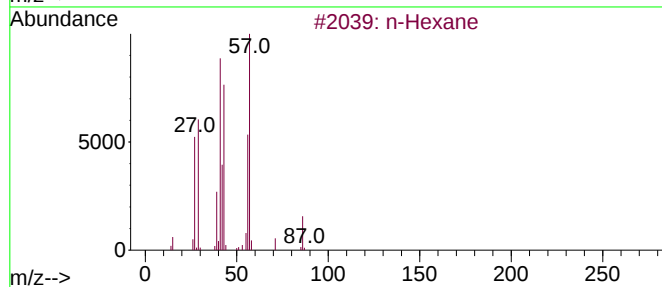
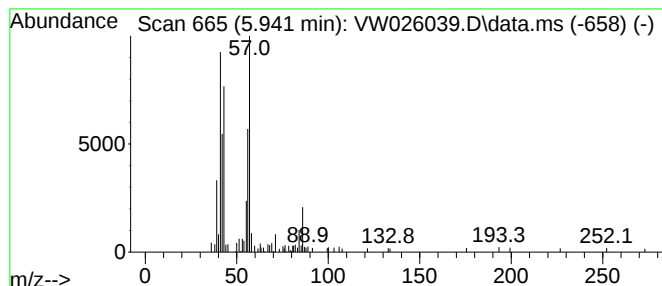
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.43 ug/L	50894	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	83
2	n-Hexane			86	C6H14	000110-54-3	80
3	n-Hexane			86	C6H14	000110-54-3	59
4	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	52
5	2H-Pyran-2-one, tetrahydro-3,6-d...			128	C7H12O2	003720-22-7	38



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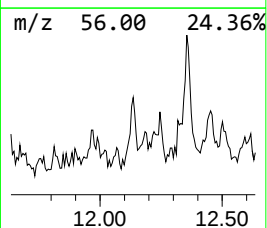
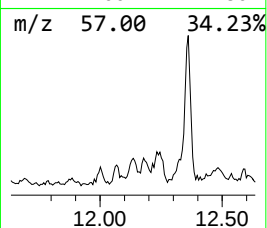
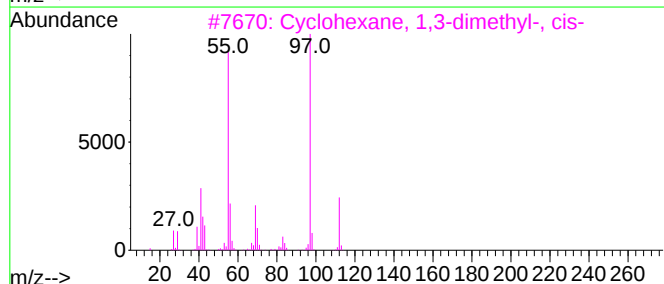
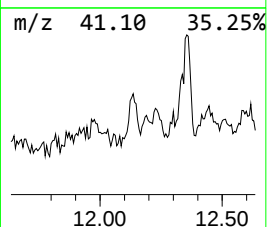
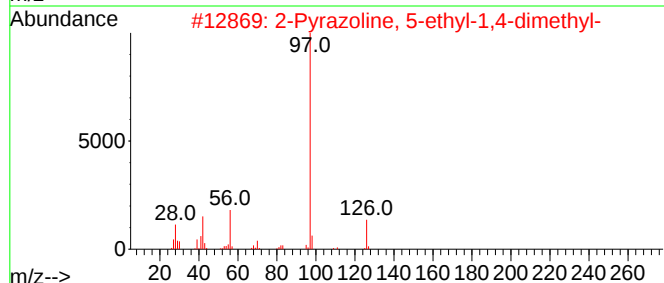
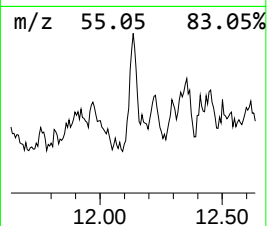
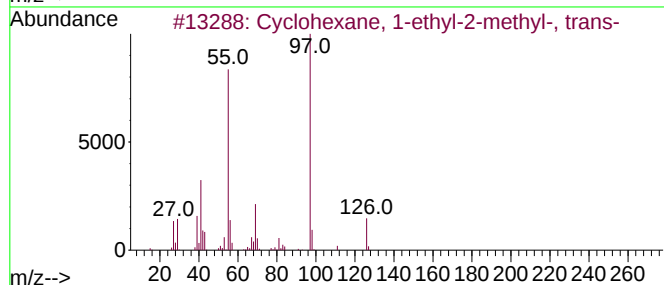
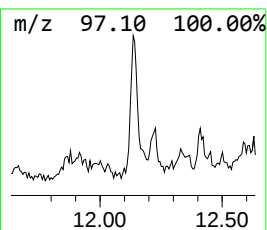
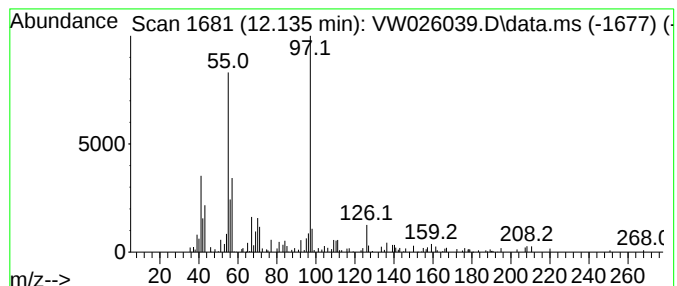
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic12.135 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	1.25 ug/L	47685	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	80
2			2-Pyrazoline, 5-ethyl-1,4-dimethyl-	126	C7H14N2	014339-23-2	72
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72



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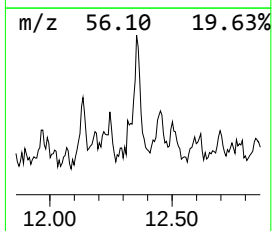
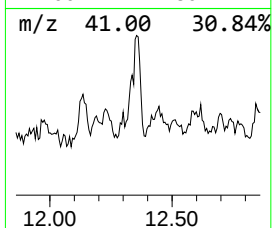
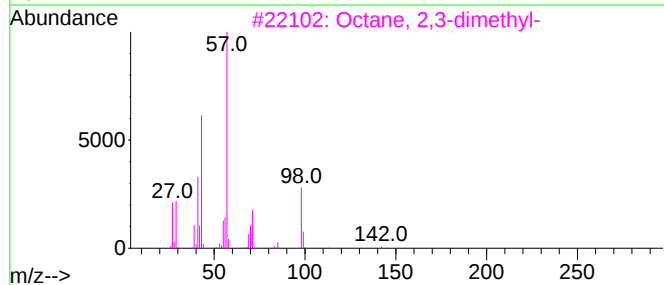
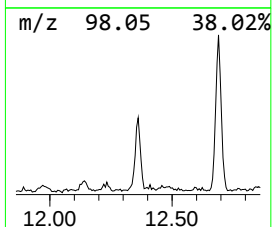
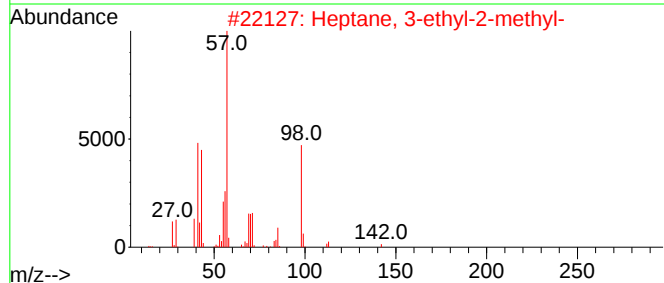
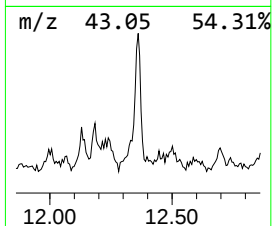
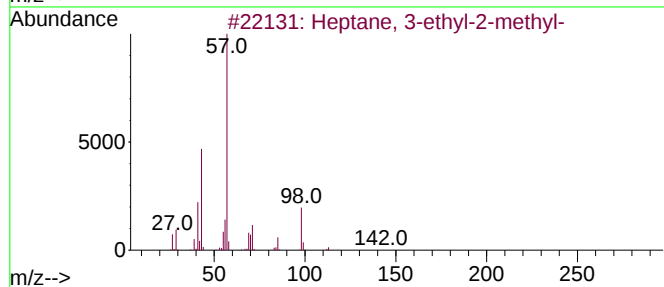
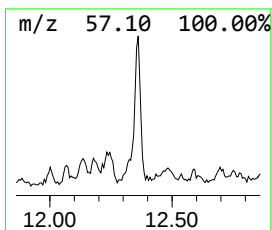
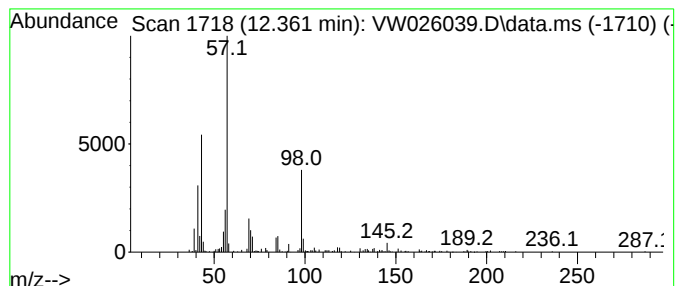
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	3.94 ug/L	149855	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	52
5			Octane, 3-methyl-	128	C9H20	002216-33-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026039.D
Acq On : 25 May 2023 14:38
Operator : SY/MD
Sample : 02950-03
Misc : 2.85g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW980

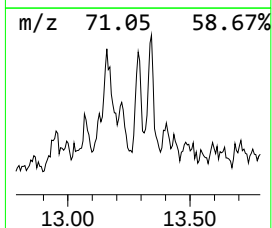
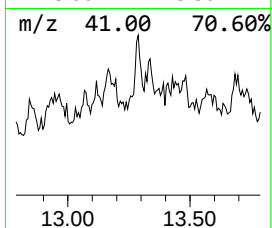
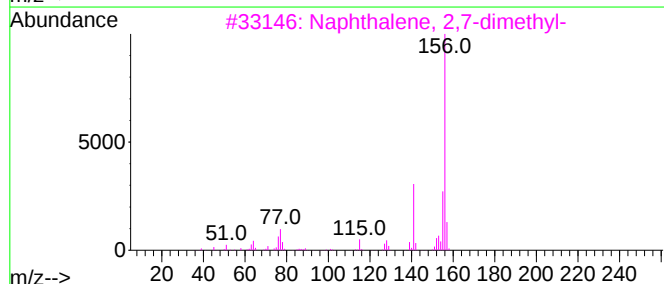
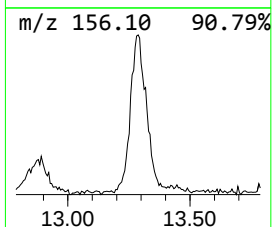
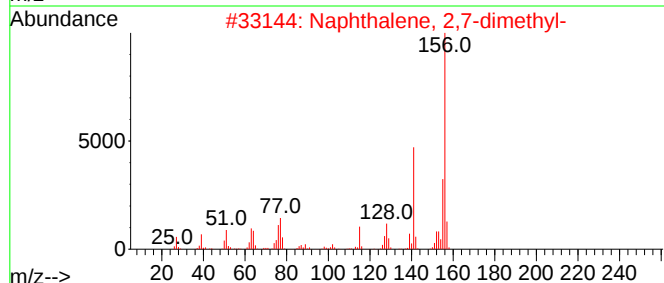
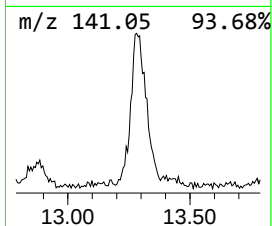
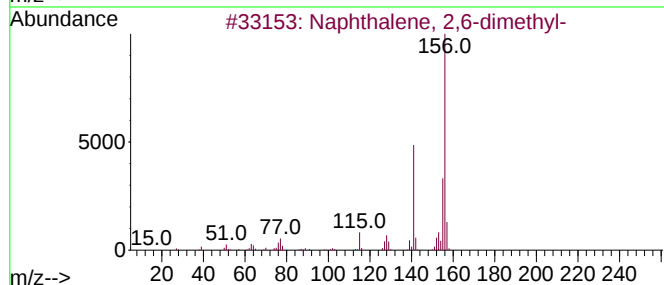
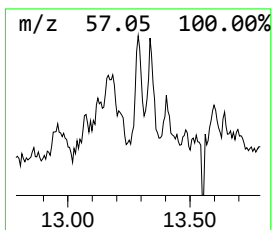
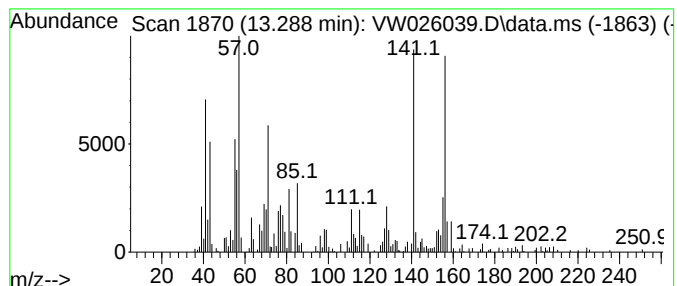
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	6.47 ug/L	170004	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026039.D
Acq On : 25 May 2023 14:38
Operator : SY/MD
Sample : 02950-03
Misc : 2.85g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW980

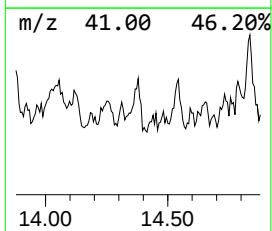
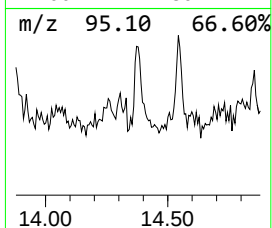
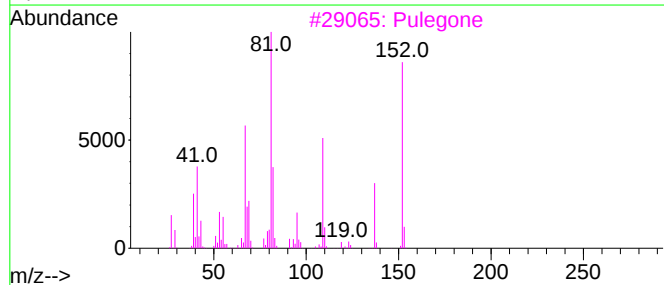
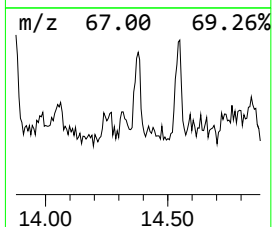
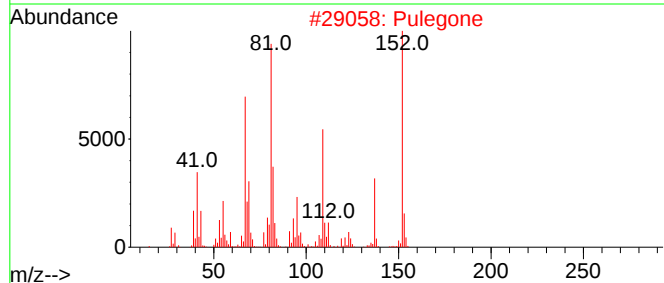
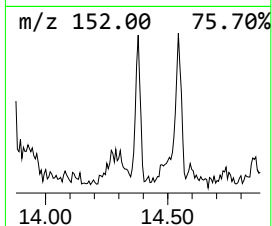
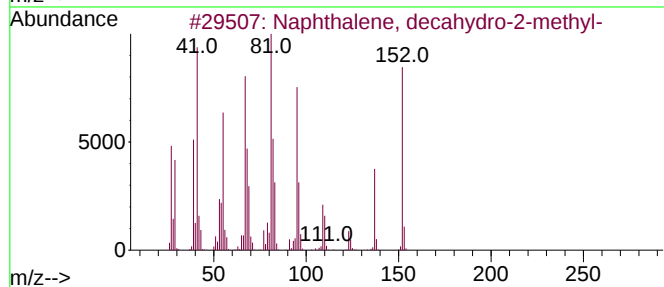
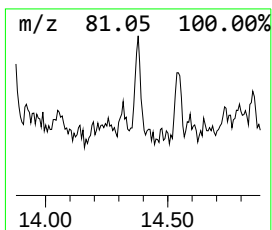
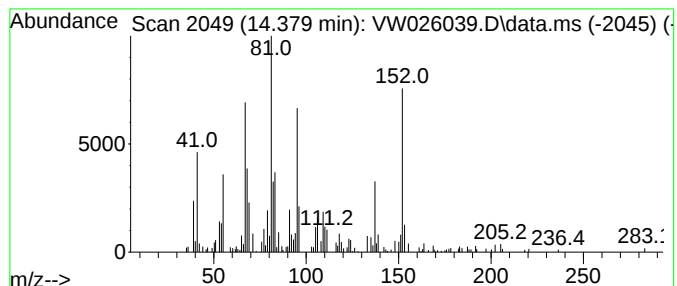
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.85 ug/L	101110	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			Pulegone	152	C10H16O	000089-82-7	89
3			Pulegone	152	C10H16O	000089-82-7	76
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
5			Pulegone	152	C10H16O	000089-82-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026039.D
Acq On : 25 May 2023 14:38
Operator : SY/MD
Sample : 02950-03
Misc : 2.85g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW980

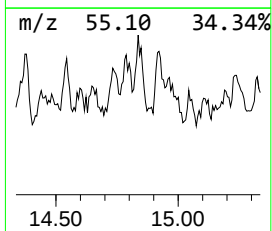
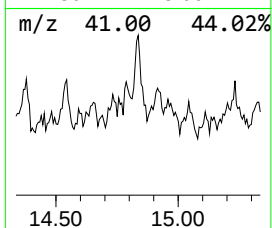
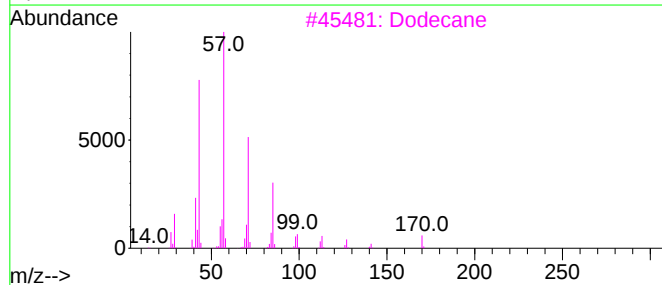
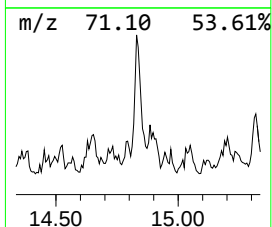
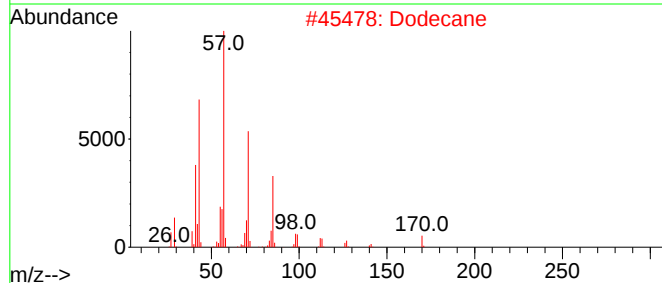
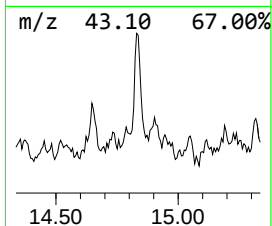
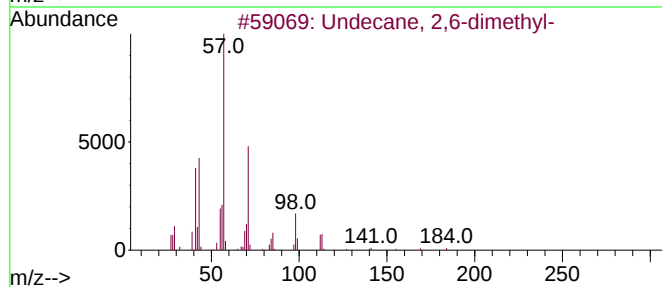
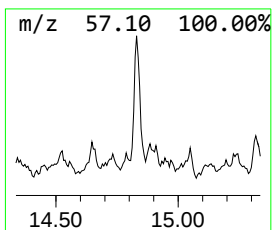
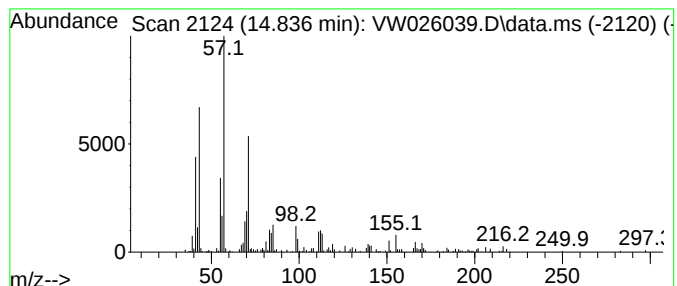
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	4.10 ug/L	107808	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
2			Dodecane	170	C12H26	000112-40-3	52
3			Dodecane	170	C12H26	000112-40-3	52
4			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	50
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026039.D
Acq On : 25 May 2023 14:38
Operator : SY/MD
Sample : 02950-03
Misc : 2.85g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW980

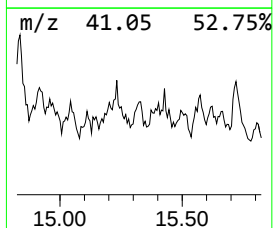
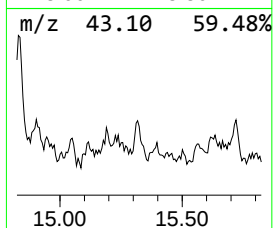
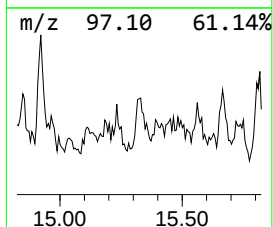
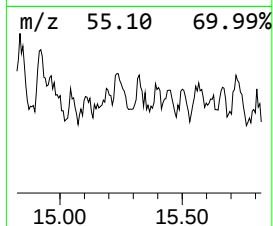
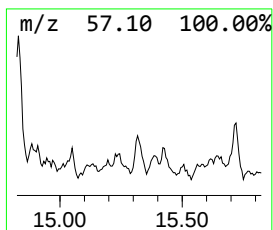
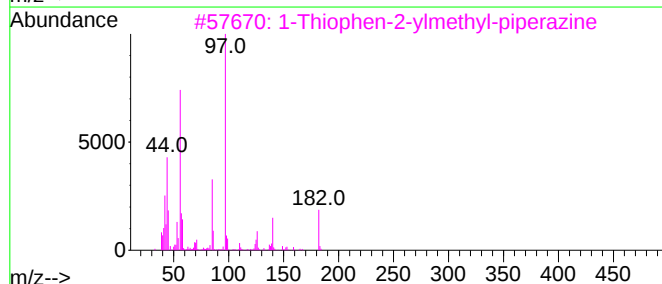
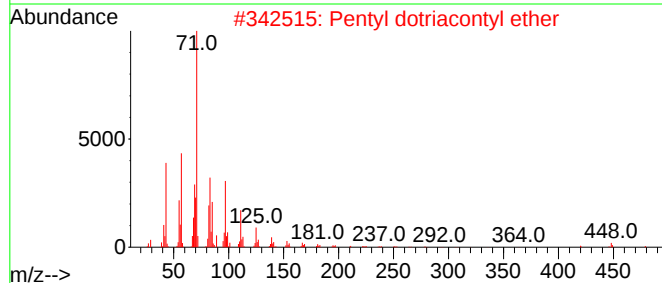
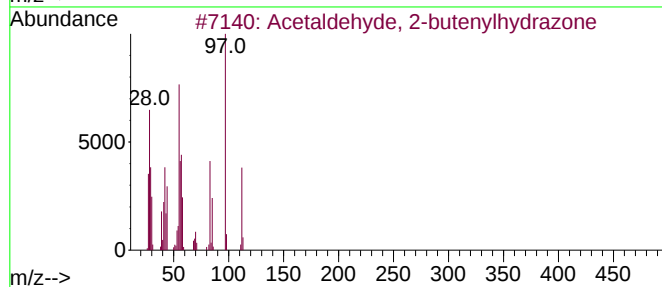
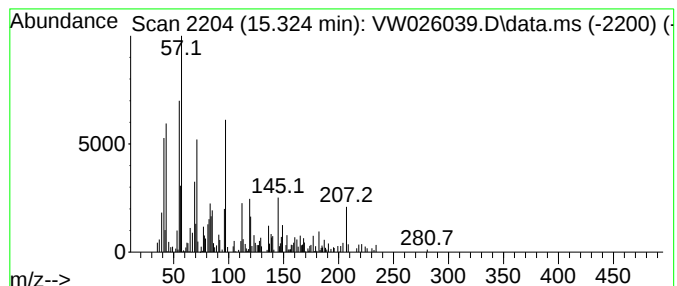
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.324	2.09 ug/L	55005	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde, 2-butenylhydrazone	112	C6H12N2	075268-07-4	25
2			Pentyl dotriacontyl ether	537	C37H76O	1000406-42-6	22
3			1-Thiophen-2-ylmethyl-piperazine	182	C9H14N2S	039244-79-6	18
4			Carbonic acid, dithio-, S-methyl...	204	C9H16OS2	015288-12-7	15
5			3-Hepten-2-one	112	C7H12O	001119-44-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026039.D
Acq On : 25 May 2023 14:38
Operator : SY/MD
Sample : 02950-03
Misc : 2.85g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW980

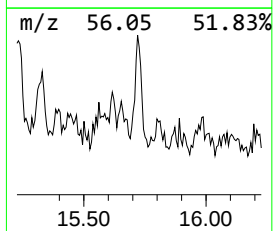
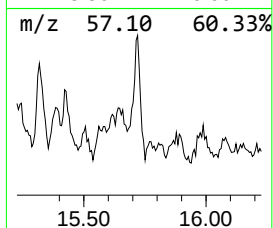
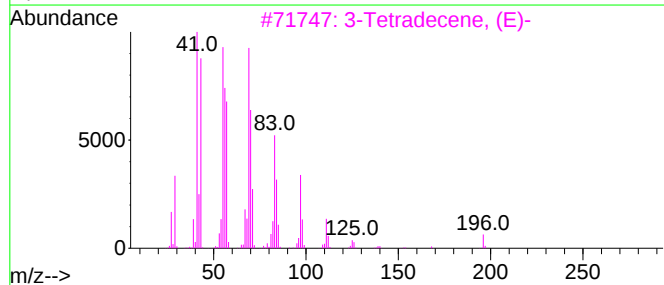
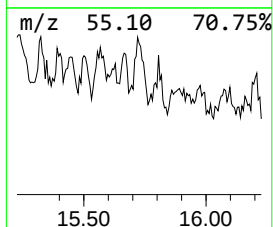
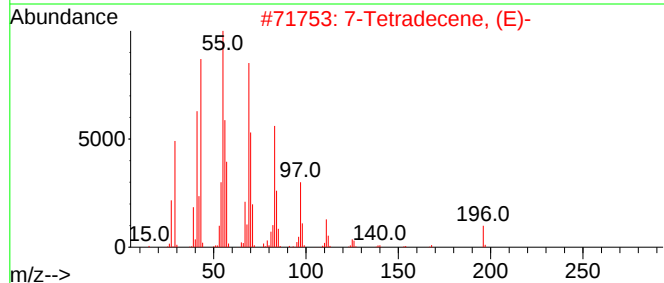
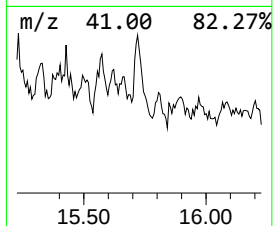
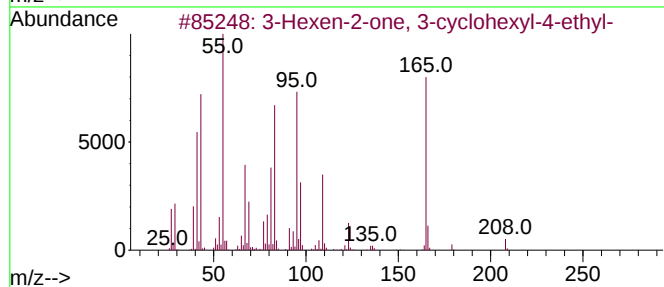
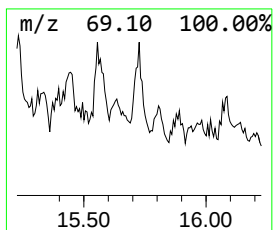
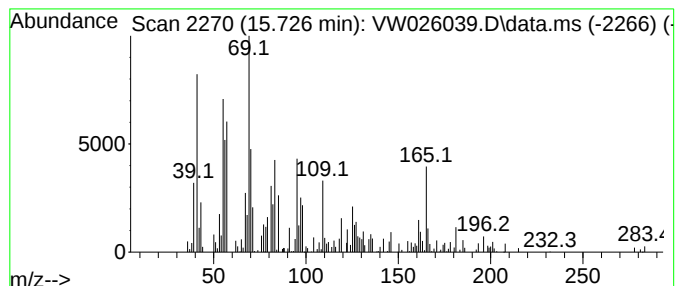
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	3.18 ug/L	83543	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one, 3-cyclohexyl-4-ethyl-	208	C14H24O	1000150-19-1	42		
2	7-Tetradecene, (E)-	196	C14H28	041446-63-3	38		
3	3-Tetradecene, (E)-	196	C14H28	041446-68-8	38		
4	Formic acid, decyl ester	186	C11H22O2	005451-52-5	35		
5	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	30		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026039.D
Acq On : 25 May 2023 14:38
Operator : SY/MD
Sample : 02950-03
Misc : 2.85g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW980

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.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
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(DEL) Alkane: C...	12.135	1.3	ug/L	47685	2	11.629	951227	25.0
(DEL) Alkane: S...	12.361	3.9	ug/L	149855	2	11.629	951227	25.0
Naphthalene, 2,...	13.288	6.5	ug/L	170004	3	13.556	656732	25.0
Naphthalene, de...	14.379	3.9	ug/L	101110	3	13.556	656732	25.0
(DEL) Alkane: S...	14.836	4.1	ug/L	107808	3	13.556	656732	25.0
unknown-01	15.324	2.1	ug/L	55005	3	13.556	656732	25.0
unknown-02	15.726	3.2	ug/L	83543	3	13.556	656732	25.0