

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
 Data File : VW029326.D
 Acq On : 24 Jun 2024 14:46
 Operator : SY/MD
 Sample : P2982-16DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DJ7DL

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\SFAMWLM061824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029326.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	43	47	50	rBV3	820	1221	0.08%	0.005%
2	2.210	50	53	54	rBV3	1747	1751	0.11%	0.007%
3	2.326	67	72	73	rBV	19610	26239	1.71%	0.105%
4	2.363	73	78	96	rVB	63444	170279	11.06%	0.684%
5	2.899	158	166	178	rBV	42751	124104	8.06%	0.498%
6	3.259	221	225	228	rVB3	870	1015	0.07%	0.004%
7	3.381	238	245	247	rBV7	1033	1759	0.11%	0.007%
8	3.838	315	320	321	rBV4	783	896	0.06%	0.004%
9	3.881	325	327	329	rBV2	521	634	0.04%	0.003%
10	4.033	338	352	362	rBV3	175341	673319	43.75%	2.704%
11	4.405	410	413	414	rVV3	865	757	0.05%	0.003%
12	4.496	426	428	432	rBV3	673	661	0.04%	0.003%
13	4.594	434	444	463	rBV	30566	106723	6.94%	0.429%
14	4.820	479	481	483	rBV2	815	733	0.05%	0.003%
15	4.923	485	498	527	rVB	101295	407025	26.45%	1.634%
16	5.155	534	536	537	rBV2	1070	810	0.05%	0.003%
17	5.429	565	581	599	rBV	371444	1179186	76.63%	4.735%
18	5.643	614	616	619	rVB4	600	731	0.05%	0.003%
19	5.941	651	665	676	rBV2	24254	77648	5.05%	0.312%
20	6.051	680	683	687	rVB5	509	765	0.05%	0.003%
21	6.094	687	690	693	rBV4	669	851	0.06%	0.003%
22	6.130	693	696	698	rVV4	503	654	0.04%	0.003%
23	6.216	698	710	726	rVV	155063	480560	31.23%	1.930%
24	6.325	726	728	731	rVV4	848	959	0.06%	0.004%
25	6.423	740	744	747	rVV5	514	830	0.05%	0.003%
26	6.527	759	761	766	rVB4	887	968	0.06%	0.004%
27	7.075	842	851	857	rBV2	33301	93977	6.11%	0.377%
28	7.167	857	866	882	rVB	327515	898824	58.41%	3.609%
29	7.673	935	949	962	rBV4	420472	1338627	86.99%	5.375%
30	7.862	975	980	981	rBV5	2145	2676	0.17%	0.011%
31	8.069	1004	1014	1026	rBV	50172	128095	8.32%	0.514%
32	8.276	1038	1048	1051	rBV	376571	901936	58.61%	3.621%
33	8.319	1052	1055	1063	rVV3	606139	1244883	80.89%	4.999%
34	8.398	1063	1068	1080	rVB	70853	153534	9.98%	0.616%
35	8.636	1106	1107	1112	rVV5	790	916	0.06%	0.004%
36	8.691	1112	1116	1121	rVB4	1325	2218	0.14%	0.009%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Title : SFAM01.0

37	8.843	1131	1141	1158	rBV	368851	753245	48.95%	3.024%
38	9.020	1168	1170	1171	rBV	636	656	0.04%	0.003%
39	9.093	1173	1182	1194	rVV	524458	1067909	69.39%	4.288%
40	9.191	1196	1198	1201	rVV4	931	1132	0.07%	0.005%
41	9.270	1203	1211	1219	rVV	253915	524575	34.09%	2.106%
42	9.368	1219	1227	1239	rVB	277509	544698	35.40%	2.187%
43	9.642	1263	1272	1278	rBV	238915	477258	31.01%	1.916%
44	10.032	1330	1336	1338	rBV	137385	230219	14.96%	0.924%
45	10.069	1338	1342	1351	rVB	396435	714247	46.41%	2.868%
46	10.209	1358	1365	1375	rVV	462348	809608	52.61%	3.251%
47	10.319	1376	1383	1389	rVV	535507	956038	62.12%	3.839%
48	10.386	1389	1394	1404	rVB	915350	1538902	100.00%	6.179%
49	10.514	1412	1415	1418	rVB5	972	1365	0.09%	0.005%
50	10.581	1418	1426	1439	rBV2	90717	239572	15.57%	0.962%
51	10.703	1439	1446	1452	rVB2	29020	53007	3.44%	0.213%
52	10.782	1452	1459	1465	rBV	105232	189395	12.31%	0.760%
53	10.861	1465	1472	1477	rVV	174003	299679	19.47%	1.203%
54	10.922	1477	1482	1493	rVB	120696	204726	13.30%	0.822%
55	11.056	1500	1504	1508	rBV3	4062	6816	0.44%	0.027%
56	11.129	1508	1516	1526	rVV	341363	619260	40.24%	2.486%
57	11.233	1526	1533	1542	rVB	61578	105403	6.85%	0.423%
58	11.312	1545	1546	1550	rBV2	436	674	0.04%	0.003%
59	11.398	1556	1560	1563	rBV6	773	1181	0.08%	0.005%
60	11.440	1565	1567	1571	rBV4	702	986	0.06%	0.004%
61	11.629	1588	1598	1607	rBV	542058	883192	57.39%	3.546%
62	11.727	1607	1614	1623	rVB	230300	394874	25.66%	1.586%
63	11.831	1624	1631	1641	rVV	538829	1006097	65.38%	4.040%
64	12.172	1678	1687	1697	rBV2	432808	899199	58.43%	3.610%
65	12.349	1708	1716	1724	rVB	140153	244317	15.88%	0.981%
66	12.458	1731	1734	1737	rBV4	1104	1701	0.11%	0.007%
67	12.599	1752	1757	1762	rVV2	8831	13814	0.90%	0.055%
68	12.708	1765	1775	1783	rVV2	360904	861113	55.96%	3.458%
69	12.922	1806	1810	1815	rVB5	1277	1968	0.13%	0.008%
70	12.989	1818	1821	1822	rBV3	850	740	0.05%	0.003%
71	13.007	1822	1824	1829	rVB5	1443	2142	0.14%	0.009%
72	13.147	1844	1847	1849	rVB3	693	653	0.04%	0.003%
73	13.245	1856	1863	1871	rVV5	8956	16356	1.06%	0.066%
74	13.495	1895	1904	1908	rBV	171422	280181	18.21%	1.125%
75	13.562	1908	1915	1926	rVB2	609521	1493715	97.06%	5.998%
76	13.714	1938	1940	1942	rVB2	991	794	0.05%	0.003%

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 Title : SFAM01.0

77	13.745	1942	1945	1946	rBV2	840	847	0.06%	0.003%
78	13.781	1949	1951	1954	rBV4	662	768	0.05%	0.003%
79	13.848	1954	1962	1975	rBV2	419262	710803	46.19%	2.854%
80	14.013	1984	1989	1991	rBV6	585	875	0.06%	0.004%
81	14.056	1991	1996	2005	rVV	6808	15805	1.03%	0.063%
82	14.275	2030	2032	2033	rBV2	785	648	0.04%	0.003%
83	14.324	2033	2040	2048	rVB9	2031	4920	0.32%	0.020%
84	14.476	2059	2065	2076	rVV	34753	58847	3.82%	0.236%
85	14.714	2101	2104	2112	rVB5	1938	3408	0.22%	0.014%
86	15.104	2162	2168	2169	rBV5	475	858	0.06%	0.003%
87	15.251	2190	2192	2196	rBV5	713	649	0.04%	0.003%
88	15.360	2200	2210	2218	rBV	354118	609337	39.60%	2.447%
89	15.427	2218	2221	2226	rVV2	8071	13586	0.88%	0.055%
90	15.476	2226	2229	2233	rVB4	2684	4144	0.27%	0.017%
91	15.543	2238	2240	2245	rVB6	1356	1704	0.11%	0.007%
92	15.677	2257	2262	2267	rVB7	1233	2021	0.13%	0.008%
93	15.751	2272	2274	2275	rVV2	719	709	0.05%	0.003%
94	15.787	2279	2280	2283	rVB3	1398	870	0.06%	0.003%
95	15.866	2290	2293	2297	rBV3	536	778	0.05%	0.003%
96	15.940	2302	2305	2306	rBV3	981	1154	0.07%	0.005%
97	16.098	2329	2331	2334	rVV4	640	797	0.05%	0.003%
98	16.287	2358	2362	2365	rBV3	1025	1397	0.09%	0.006%
99	16.452	2384	2389	2390	rBV4	813	1342	0.09%	0.005%
100	16.683	2425	2427	2431	rBV4	535	678	0.04%	0.003%

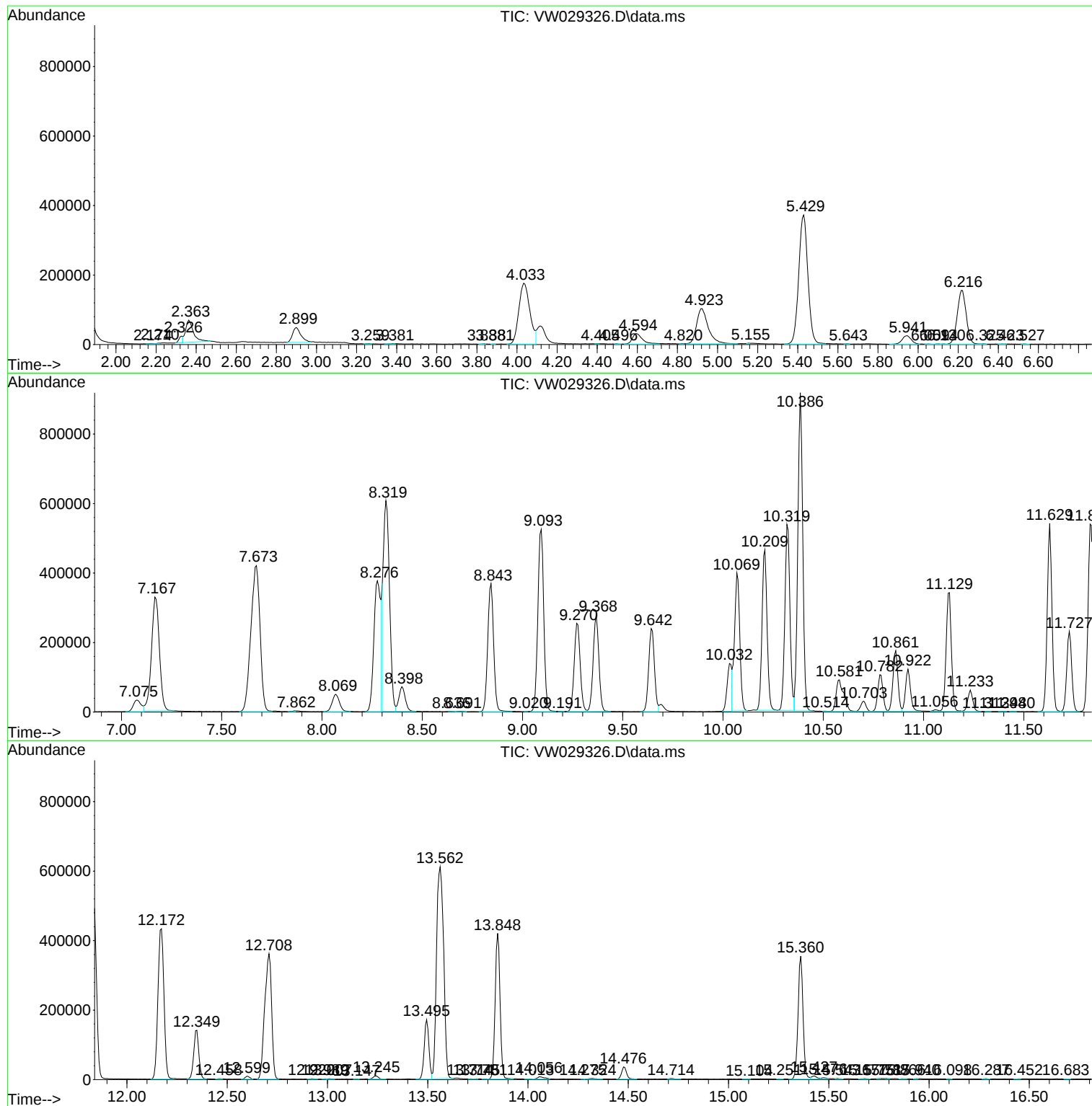
Sum of corrected areas: 24905116

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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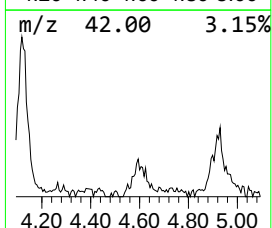
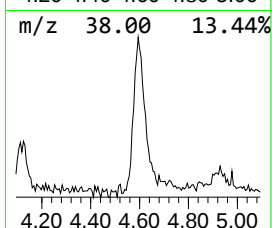
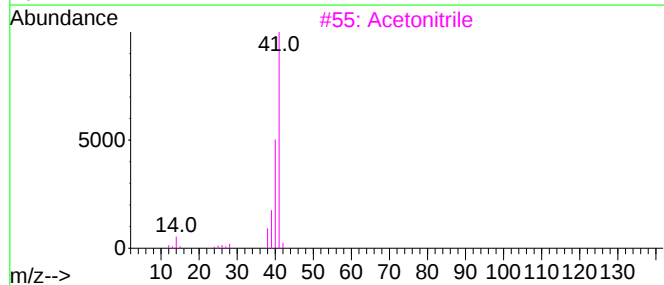
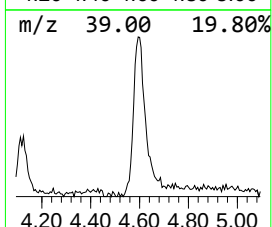
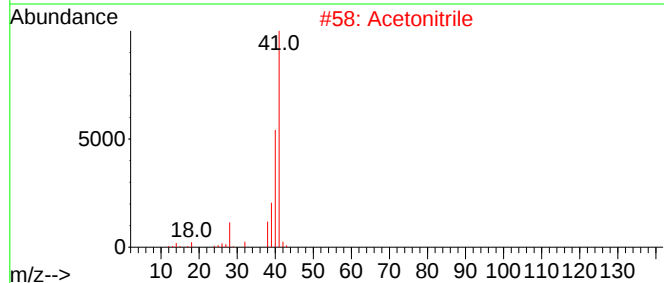
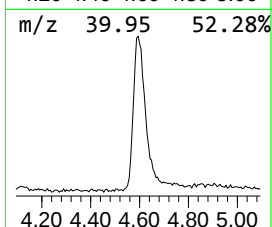
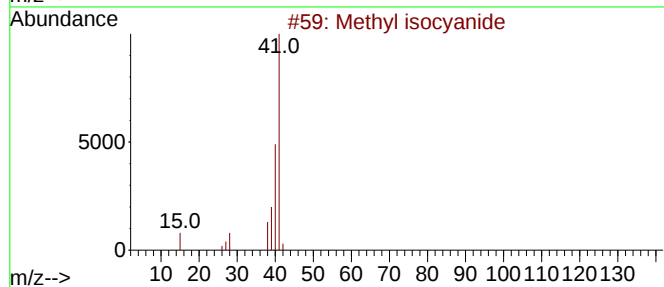
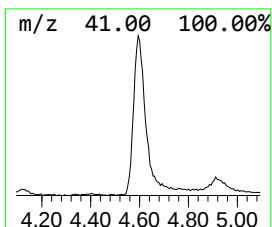
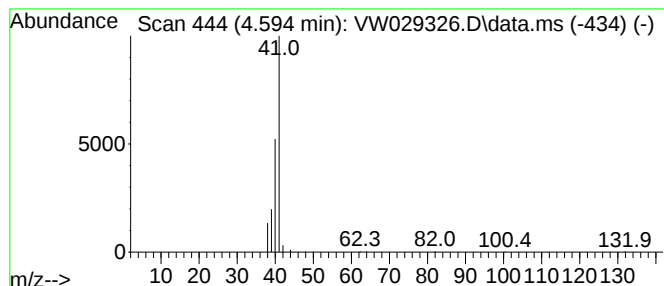
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.594	3.54 ug/L	106723	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl isocyanide	41	C2H3N	000593-75-9	40
2			Acetonitrile	41	C2H3N	000075-05-8	40
3			Acetonitrile	41	C2H3N	000075-05-8	40
4			Acetonitrile	41	C2H3N	000075-05-8	40
5			2,5-Furandione, dihydro-3-methyl...	112	C5H4O3	002170-03-8	9



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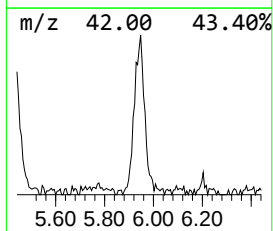
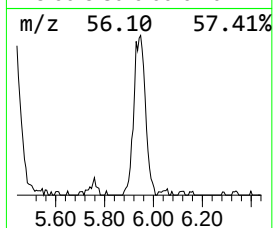
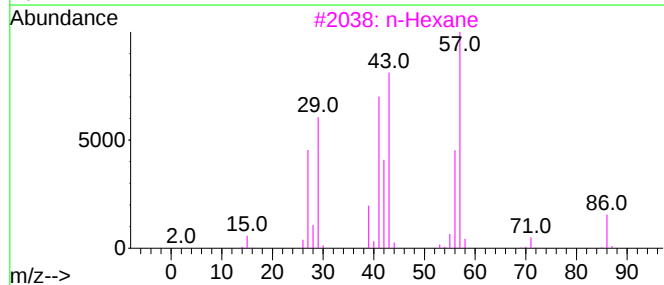
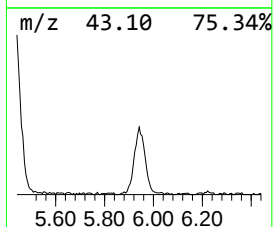
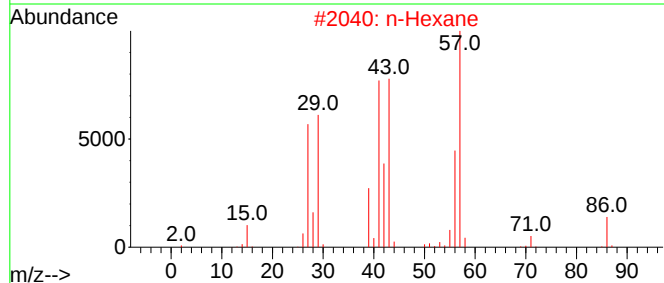
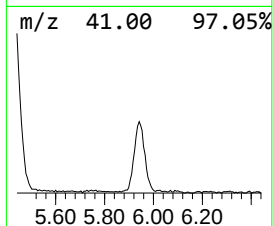
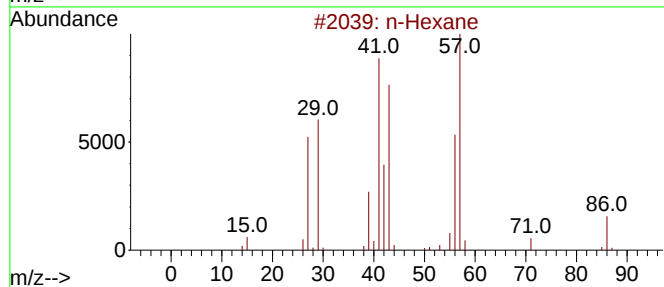
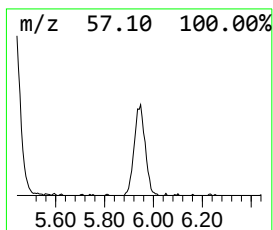
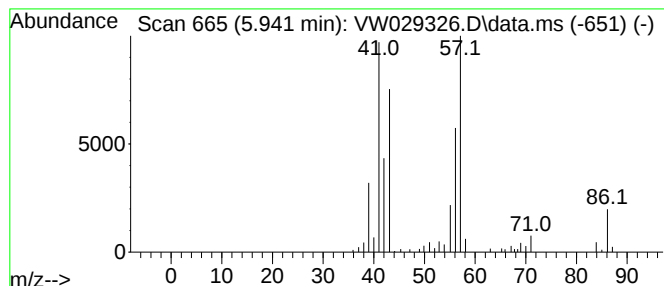
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	2.58 ug/L	77648	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	90
2	n-Hexane		86	C6H14	000110-54-3	87
3	n-Hexane		86	C6H14	000110-54-3	86
4	2-Ethyl-oxetane		86	C5H10O	1010386-40-2	58
5	n-Hexane		86	C6H14	000110-54-3	53



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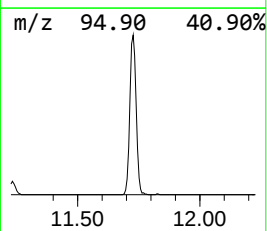
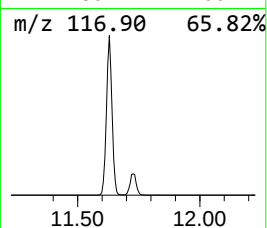
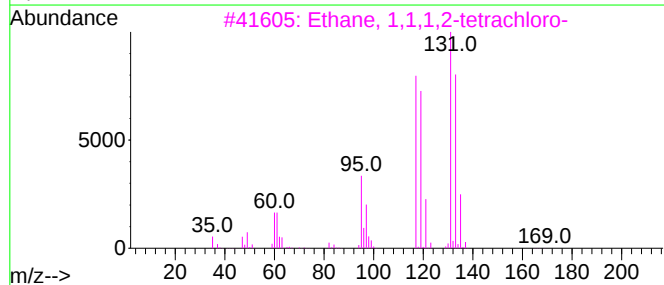
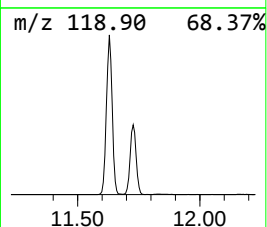
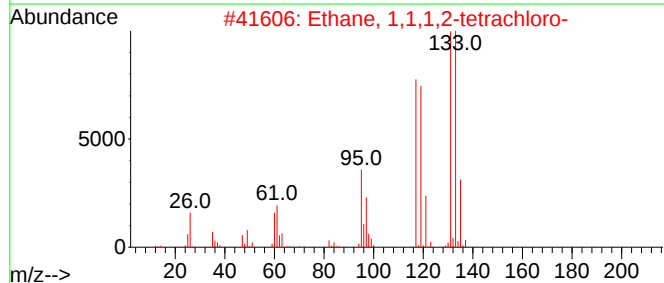
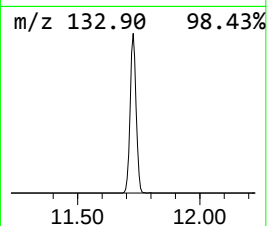
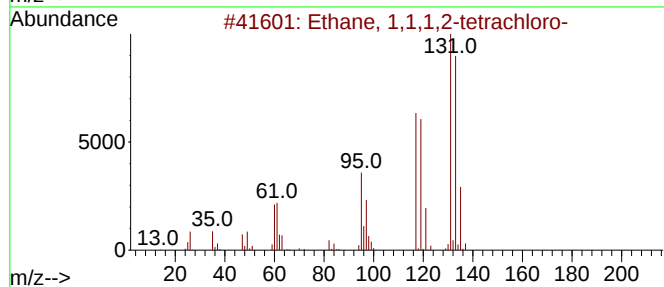
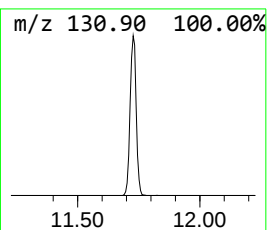
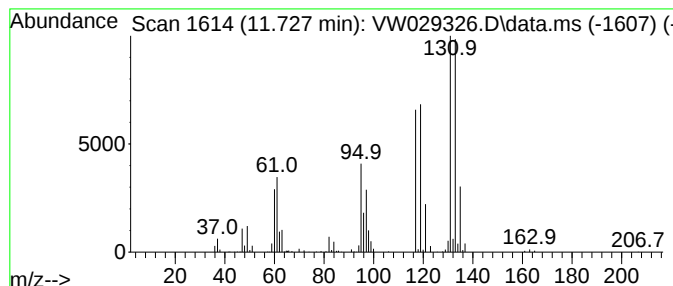
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Quant Title : SFAM01.0

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

Peak Number 4 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	11.18 ug/L	394874	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	87
2			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	80
3			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	64
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	59
5			Cloethate	322	C5H4Cl6O3	005634-37-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
Data File : VW029326.D
Acq On : 24 Jun 2024 14:46
Operator : SY/MD
Sample : P2982-16DL 2X
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DJ7DL

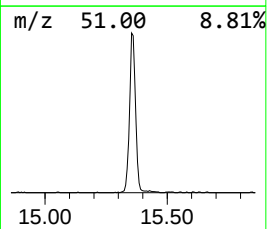
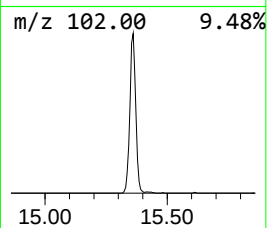
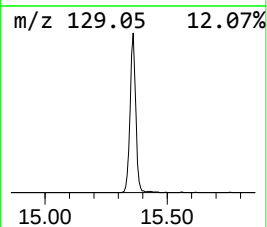
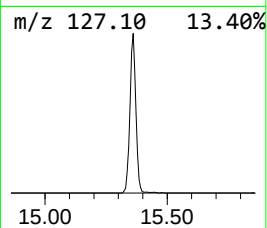
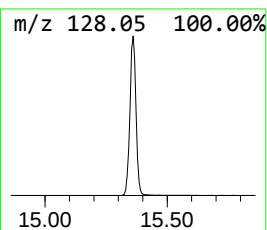
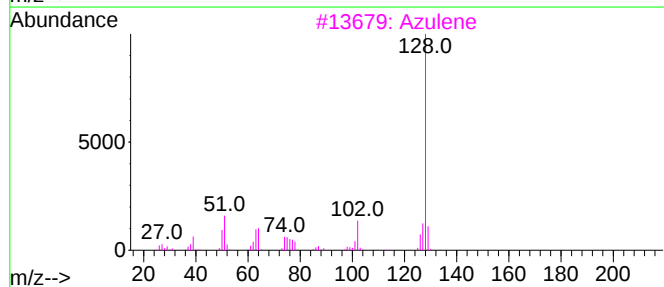
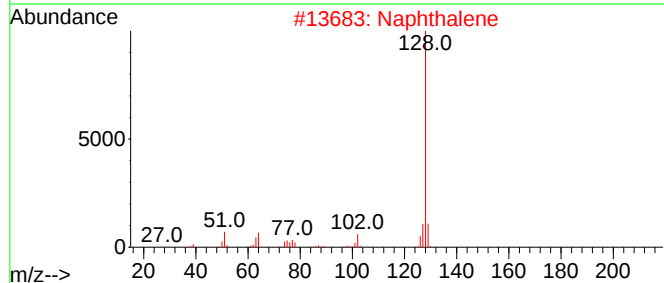
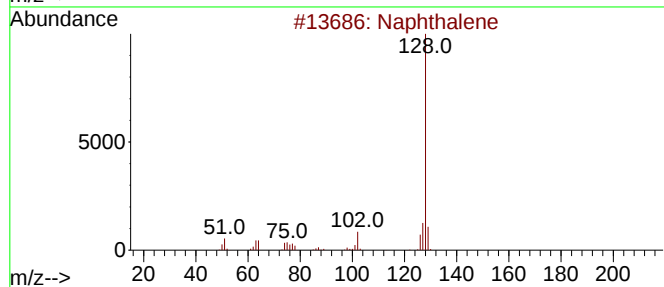
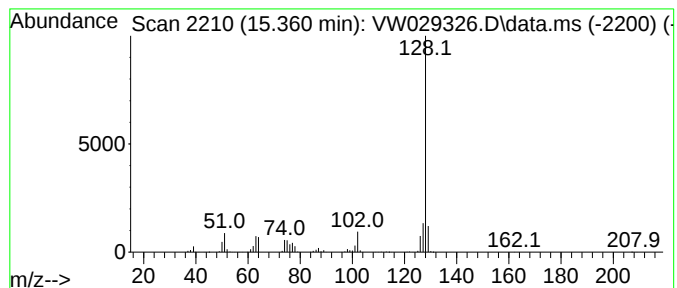
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Quant Title : SFAM01.0

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

Peak Number 5 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	10.20 ug/L	609337	1,4-Dichlorobenzene-d4	13.550

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			Azulene	128	C10H8	000275-51-4	94
4			Naphthalene	128	C10H8	000091-20-3	93
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
Data File : VW029326.D
Acq On : 24 Jun 2024 14:46
Operator : SY/MD
Sample : P2982-16DL 2X
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DJ7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.594	3.5	ug/L	106723	1	8.843	753245	25.0
(DEL) Alkane: S...	5.941	2.6	ug/L	77648	1	8.843	753245	25.0
Ethane, 1,1,1,2...	11.727	11.2	ug/L	394874	2	11.629	883192	25.0
Azulene	15.360	10.2	ug/L	609337	3	13.550	1493720	25.0