

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030012.D
 Acq On : 23 Aug 2024 15:54
 Operator : SY/MD
 Sample : P3721-01
 Misc : 5.17g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXY5

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW030012.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	41	47	49	rBV5	1432	2669	0.25%	0.029%
2	2.223	49	55	58	rBV6	1721	4198	0.39%	0.046%
3	2.363	71	78	90	rBV	44028	109301	10.14%	1.207%
4	2.503	95	101	112	rBV2	8289	23057	2.14%	0.255%
5	2.814	150	152	154	rBV3	1387	1221	0.11%	0.013%
6	2.899	158	166	181	rVB	34901	104294	9.68%	1.152%
7	3.125	199	203	214	rVB7	2955	8864	0.82%	0.098%
8	3.314	231	234	236	rBV3	397	422	0.04%	0.005%
9	3.393	236	247	256	rBV	6787	15973	1.48%	0.176%
10	3.588	277	279	282	rVB	460	255	0.02%	0.003%
11	3.704	296	298	300	rBV	482	482	0.04%	0.005%
12	3.734	300	303	307	rVB4	561	858	0.08%	0.009%
13	3.856	319	323	325	rBV3	441	478	0.04%	0.005%
14	3.905	327	331	337	rVB4	423	988	0.09%	0.011%
15	4.021	337	350	363	rBV2	88964	292483	27.14%	3.230%
16	4.137	363	369	387	rVV	23507	82019	7.61%	0.906%
17	4.265	387	390	391	rVV3	664	681	0.06%	0.008%
18	4.277	391	392	395	rVB2	485	346	0.03%	0.004%
19	4.381	408	409	412	rBV3	262	333	0.03%	0.004%
20	4.698	452	461	467	rBV4	1151	2924	0.27%	0.032%
21	4.923	487	498	514	rBV2	15013	58614	5.44%	0.647%
22	5.783	630	639	651	rBV3	3342	10358	0.96%	0.114%
23	5.947	656	666	675	rVB2	7476	22423	2.08%	0.248%
24	6.118	684	694	697	rBV3	1029	2974	0.28%	0.033%
25	6.173	702	703	707	rVB2	372	284	0.03%	0.003%
26	6.594	769	772	773	rBV	233	271	0.03%	0.003%
27	6.606	773	774	783	rVB4	451	889	0.08%	0.010%
28	6.899	813	822	835	rBV4	4088	14022	1.30%	0.155%
29	7.008	838	840	843	rVB2	517	424	0.04%	0.005%
30	7.088	843	853	878	rBV2	28160	103993	9.65%	1.148%
31	7.301	887	888	891	rVB2	287	256	0.02%	0.003%
32	7.368	896	899	904	rVB3	198	338	0.03%	0.004%
33	7.447	911	912	917	rVB2	234	327	0.03%	0.004%
34	7.502	917	921	926	rBV2	247	434	0.04%	0.005%
35	7.648	934	945	959	rBV	173932	425852	39.52%	4.703%
36	7.764	963	964	968	rVB2	473	428	0.04%	0.005%

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37	7.923	988	990	993	rBV2	316	297	0.03%	0.003%
38	8.051	1006	1011	1014	rBV2	221	392	0.04%	0.004%
39	8.276	1036	1048	1065	rBV2	322893	967413	89.77%	10.683%
40	8.551	1084	1093	1100	rVV4	4163	10486	0.97%	0.116%
41	8.618	1102	1104	1108	rVB4	574	610	0.06%	0.007%
42	8.703	1111	1118	1129	rBV	16033	37648	3.49%	0.416%
43	8.837	1132	1140	1151	rBV	533457	1060645	98.42%	11.713%
44	8.990	1164	1165	1167	rVB2	476	249	0.02%	0.003%
45	9.081	1173	1180	1187	rBV8	1133	2963	0.27%	0.033%
46	9.130	1187	1188	1192	rVB3	341	264	0.02%	0.003%
47	9.270	1203	1211	1221	rBV	226379	463972	43.05%	5.124%
48	9.410	1227	1234	1244	rVV	29832	60422	5.61%	0.667%
49	9.599	1262	1265	1267	rVB3	242	287	0.03%	0.003%
50	9.666	1271	1276	1285	rVB5	1251	2841	0.26%	0.031%
51	9.764	1285	1292	1297	rVV7	519	1023	0.09%	0.011%
52	9.898	1308	1314	1318	rVB5	473	750	0.07%	0.008%
53	10.032	1325	1336	1349	rBV	118745	214795	19.93%	2.372%
54	10.154	1349	1356	1362	rVB7	1281	3062	0.28%	0.034%
55	10.203	1362	1364	1367	rVB4	266	253	0.02%	0.003%
56	10.245	1369	1371	1374	rBV3	377	486	0.05%	0.005%
57	10.319	1374	1383	1391	rBV	415071	754078	69.97%	8.327%
58	10.386	1391	1394	1399	rVV	7450	11713	1.09%	0.129%
59	10.428	1399	1401	1406	rVB4	2313	3162	0.29%	0.035%
60	10.502	1409	1413	1417	rBV4	1688	2738	0.25%	0.030%
61	10.575	1419	1425	1432	rBV	71447	125294	11.63%	1.384%
62	10.703	1440	1446	1450	rBV	10461	17461	1.62%	0.193%
63	10.745	1451	1453	1457	rVB2	1133	1405	0.13%	0.016%
64	10.849	1466	1470	1472	rBV3	984	1385	0.13%	0.015%
65	10.922	1475	1482	1497	rBV	118799	212925	19.76%	2.351%
66	11.069	1499	1506	1519	rBV	218845	366168	33.98%	4.044%
67	11.209	1527	1529	1531	rVB3	436	342	0.03%	0.004%
68	11.264	1535	1538	1540	rBV3	532	671	0.06%	0.007%
69	11.294	1540	1543	1545	rBV3	536	780	0.07%	0.009%
70	11.325	1547	1548	1551	rBV3	560	687	0.06%	0.008%
71	11.398	1558	1560	1563	rBV4	924	625	0.06%	0.007%
72	11.562	1584	1587	1588	rBV3	712	786	0.07%	0.009%
73	11.629	1590	1598	1609	rVV	624573	1077655	100.00%	11.901%
74	11.849	1627	1634	1640	rBV4	10700	22432	2.08%	0.248%
75	11.946	1645	1650	1656	rVV10	2245	5165	0.48%	0.057%
76	12.020	1657	1662	1667	rVV2	6043	10093	0.94%	0.111%

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 Title : SFAM01.0

77	12.093	1671	1674	1675	rBV3	852	931	0.09%	0.010%
78	12.166	1684	1686	1687	rBV2	690	605	0.06%	0.007%
79	12.239	1697	1698	1703	rVB4	1508	1576	0.15%	0.017%
80	12.337	1707	1714	1723	rBV6	13137	33084	3.07%	0.365%
81	12.465	1729	1735	1746	rVB2	35184	65377	6.07%	0.722%
82	12.599	1752	1757	1764	rBV	20621	32985	3.06%	0.364%
83	12.690	1765	1772	1781	rBV	178686	330054	30.63%	3.645%
84	13.154	1843	1848	1852	rBV2	14978	24879	2.31%	0.275%
85	13.214	1853	1858	1861	rVV	16595	32004	2.97%	0.353%
86	13.275	1865	1868	1881	rVB7	14905	39682	3.68%	0.438%
87	13.391	1882	1887	1893	rBV4	14608	24119	2.24%	0.266%
88	13.464	1893	1899	1908	rVV2	70573	160136	14.86%	1.768%
89	13.556	1908	1914	1924	rVV	492576	795625	73.83%	8.786%
90	13.641	1925	1928	1936	rVB2	9113	14887	1.38%	0.164%
91	13.702	1936	1938	1941	rBV4	1659	2287	0.21%	0.025%
92	13.849	1956	1962	1968	rBV	257688	421322	39.10%	4.653%
93	14.007	1982	1988	1992	rBV9	4696	11975	1.11%	0.132%
94	14.062	1993	1997	2004	rVB3	15136	27120	2.52%	0.299%
95	14.318	2035	2039	2044	rBV4	11019	18107	1.68%	0.200%
96	14.690	2097	2100	2102	rBV4	4485	6207	0.58%	0.069%
97	14.958	2138	2144	2146	rBV7	6167	13699	1.27%	0.151%
98	15.202	2177	2184	2194	rVB	66140	168425	15.63%	1.860%
99	15.293	2195	2199	2204	rBV2	17156	25647	2.38%	0.283%
100	16.159	2335	2341	2352	rVB3	20396	66583	6.18%	0.735%

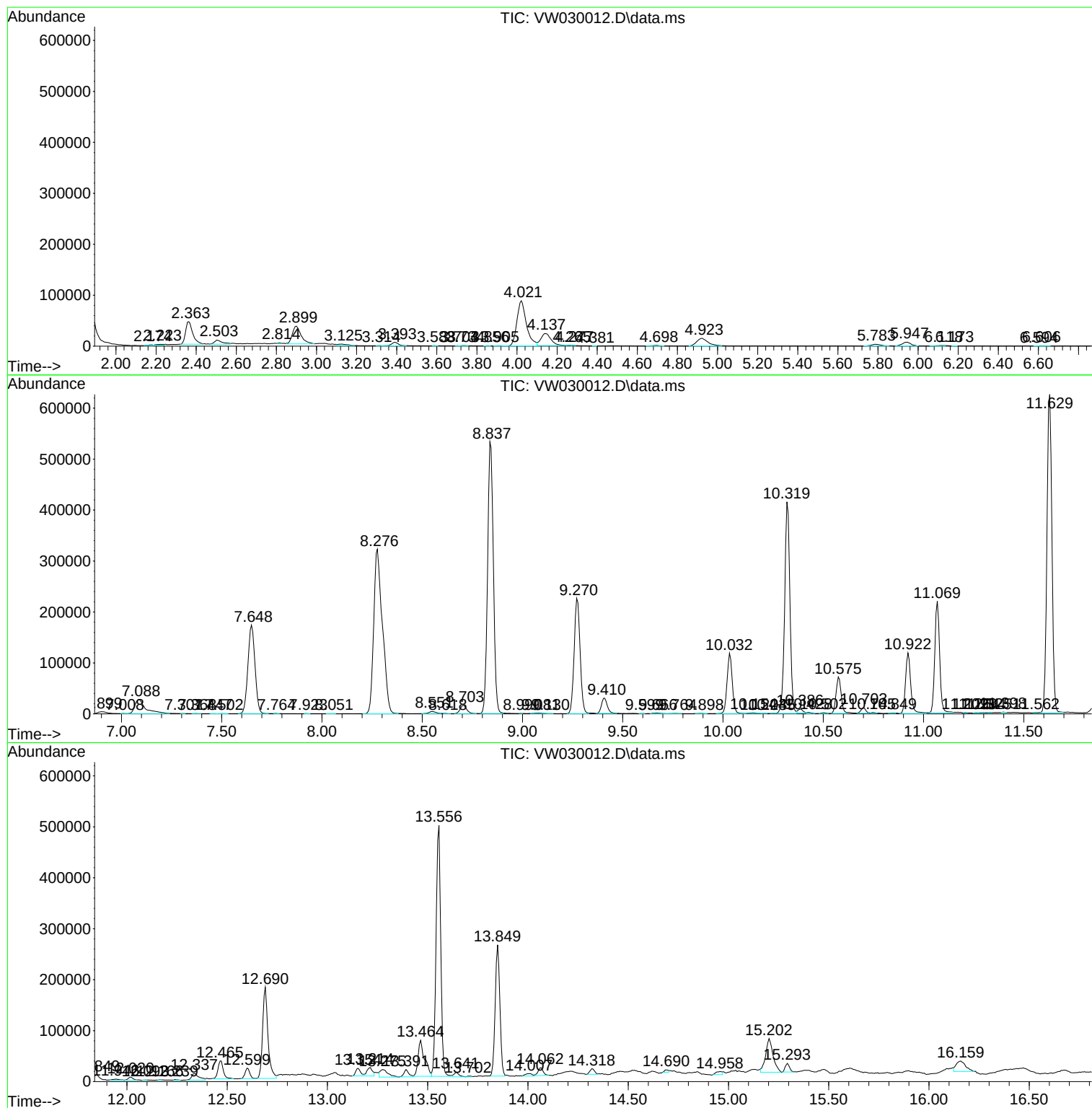
Sum of corrected areas: 9055472

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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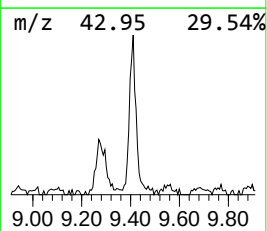
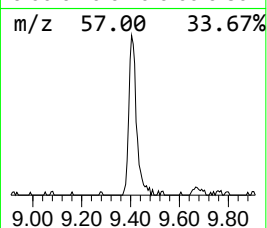
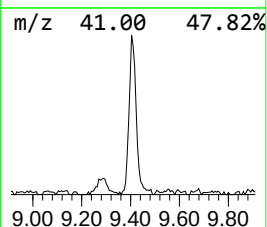
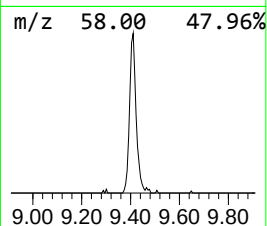
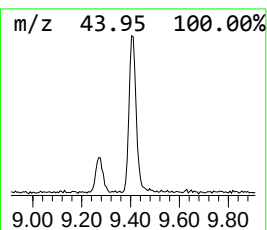
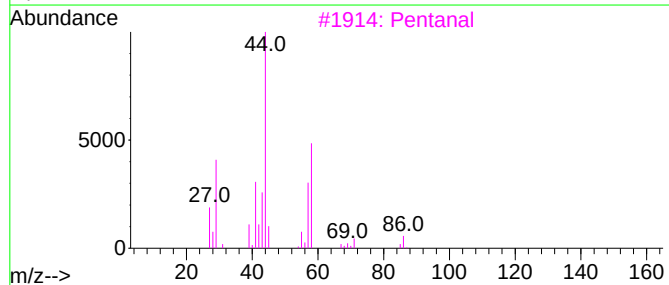
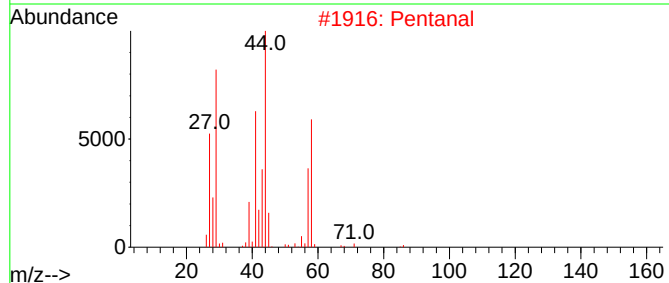
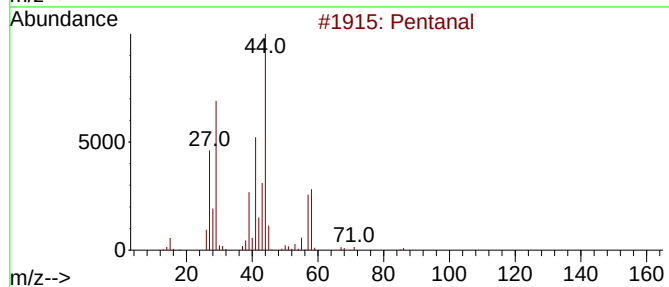
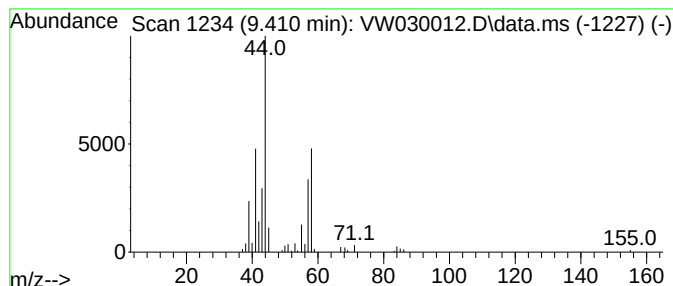
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	1.42 ug/L	60422	1,4-Difluorobenzene	8.837

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	86
2	Pentanal			86	C5H10O	000110-62-3	86
3	Pentanal			86	C5H10O	000110-62-3	78
4	Pentanal			86	C5H10O	000110-62-3	78
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74



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Instrument :
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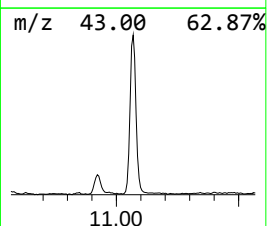
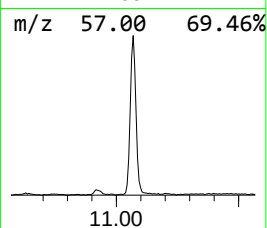
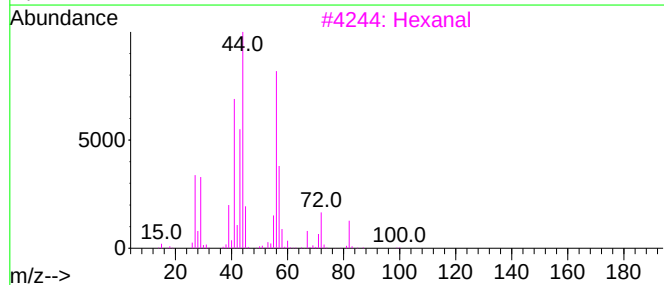
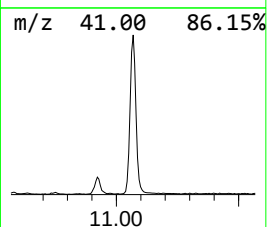
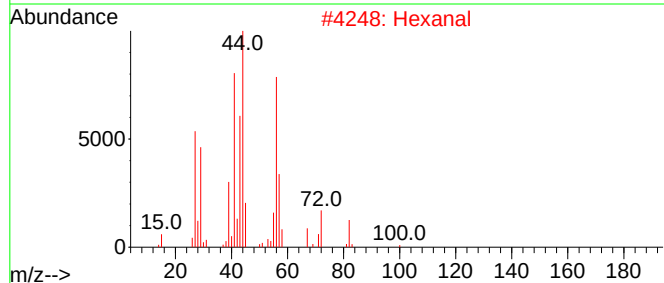
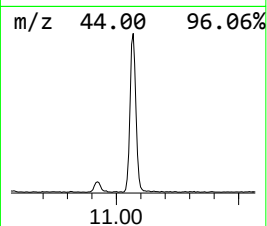
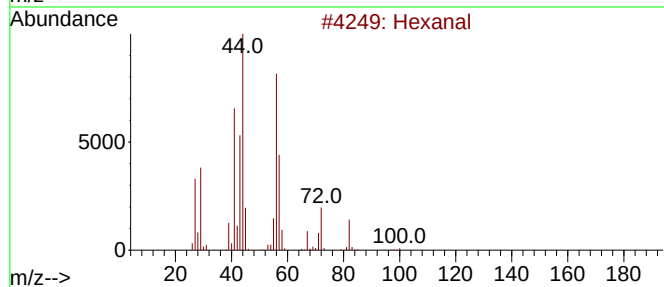
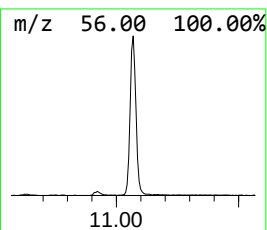
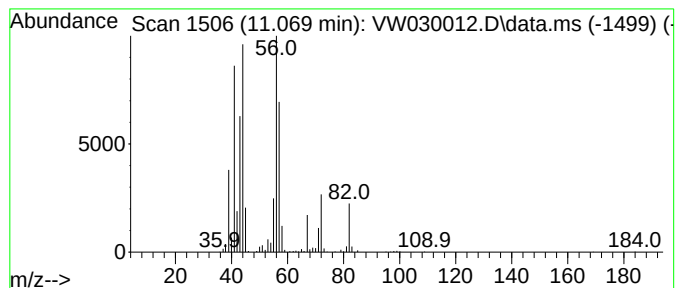
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	8.49 ug/L	366168	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	91
2	Hexanal			100	C6H12O	000066-25-1	83
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	78
5	Hexanal			100	C6H12O	000066-25-1	76



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ClientSampleId :
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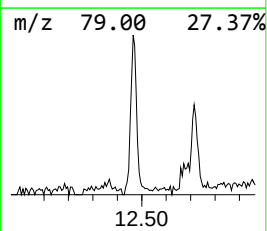
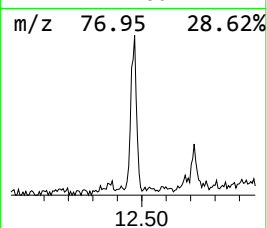
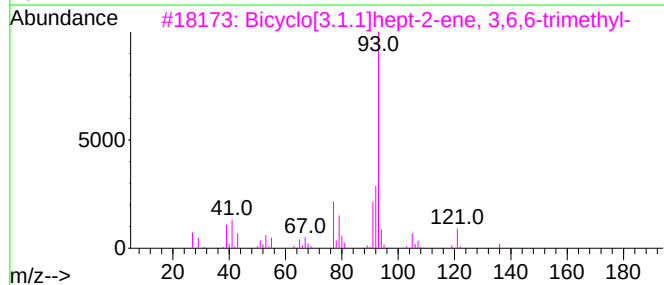
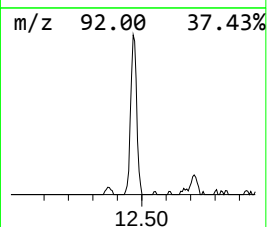
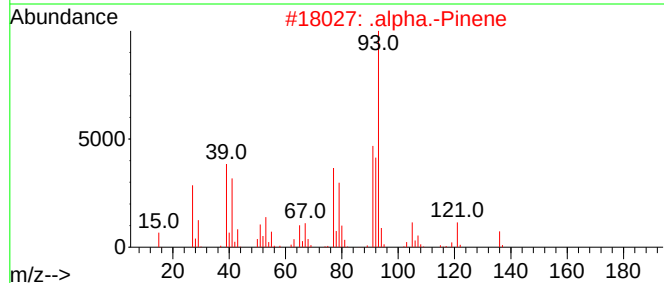
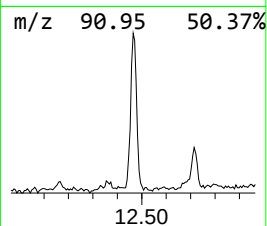
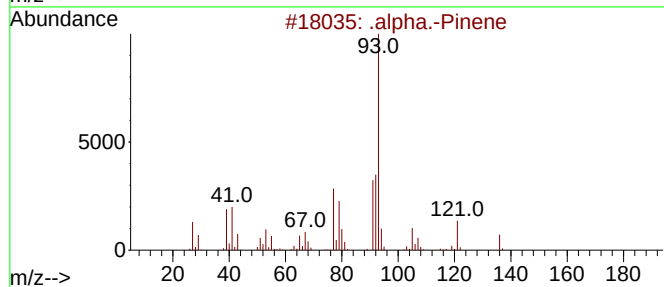
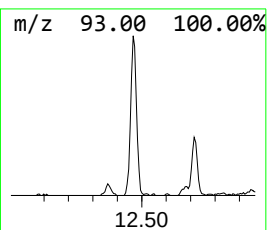
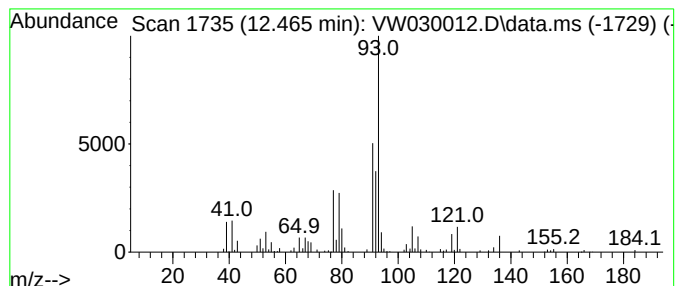
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	1.52 ug/L	65377	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	97
2			.alpha.-Pinene	136	C10H16	000080-56-8	95
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4			.alpha.-Pinene	136	C10H16	000080-56-8	90
5			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90



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Data File : VW030012.D
Acq On : 23 Aug 2024 15:54
Operator : SY/MD
Sample : P3721-01
Misc : 5.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY5

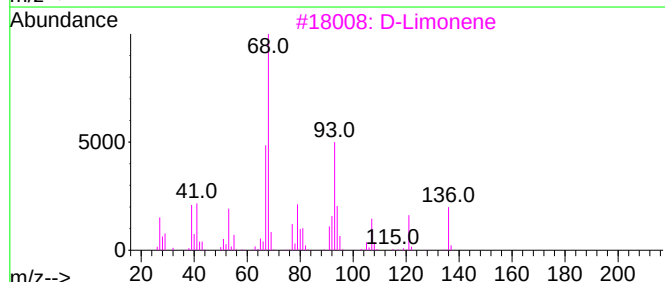
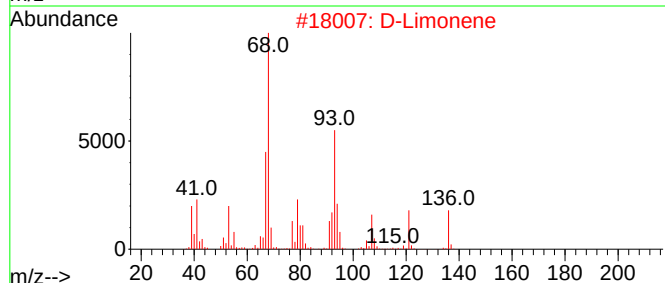
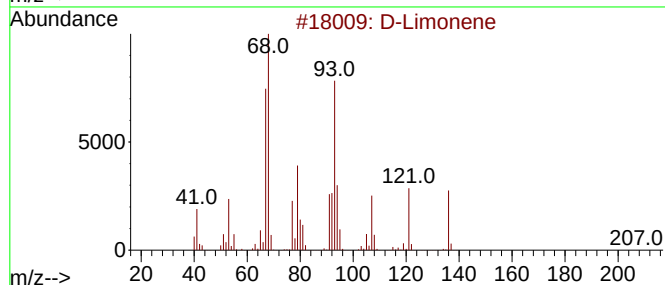
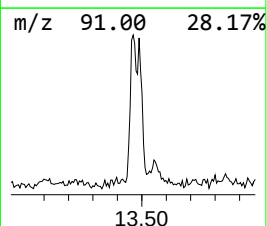
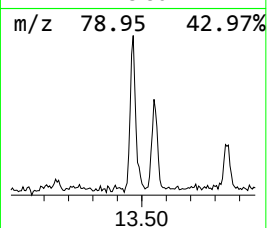
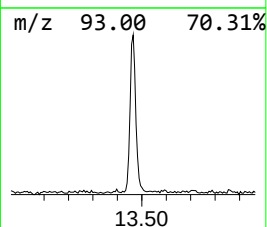
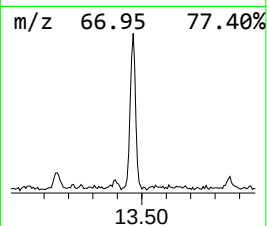
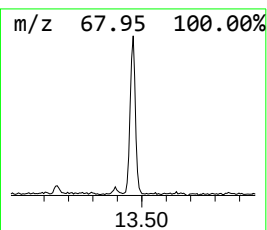
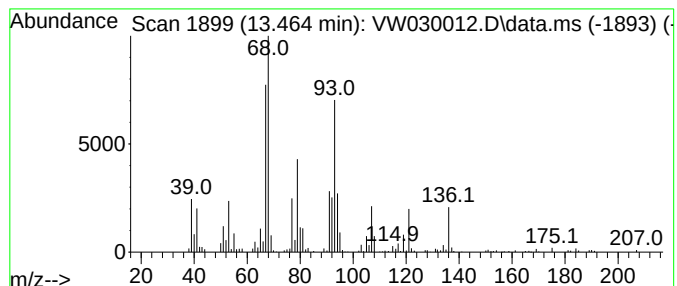
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Quant Title : SFAM01.0

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

Peak Number 6 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	5.03 ug/L	160136	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	98
2	D-Limonene			136	C10H16	005989-27-5	95
3	D-Limonene			136	C10H16	005989-27-5	94
4	D-Limonene			136	C10H16	005989-27-5	94
5	Limonene			136	C10H16	000138-86-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030012.D
Acq On : 23 Aug 2024 15:54
Operator : SY/MD
Sample : P3721-01
Misc : 5.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY5

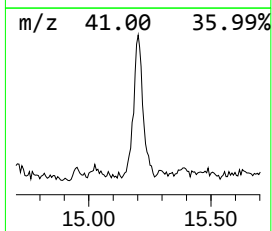
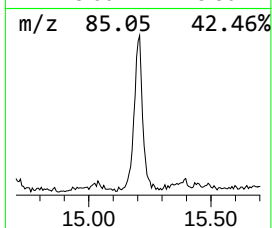
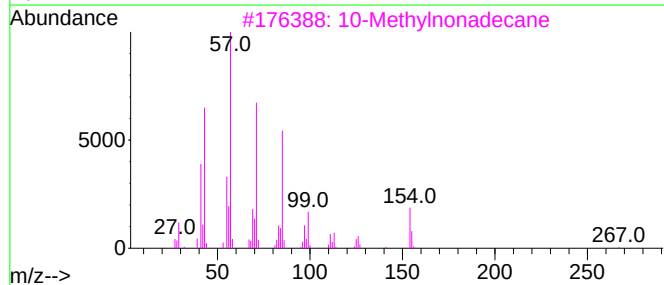
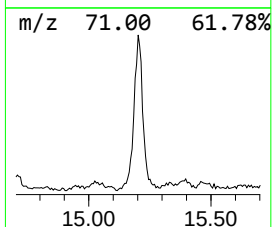
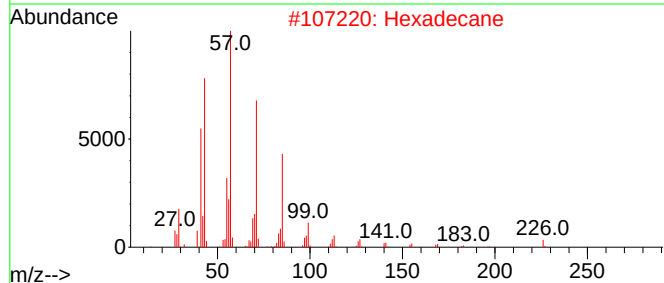
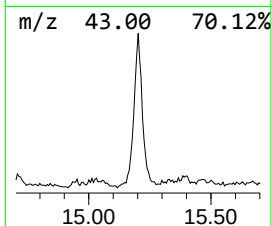
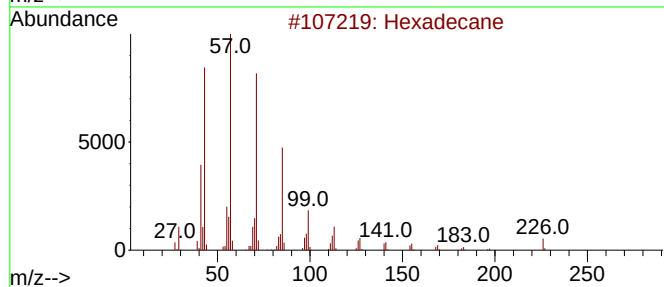
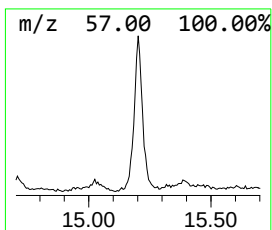
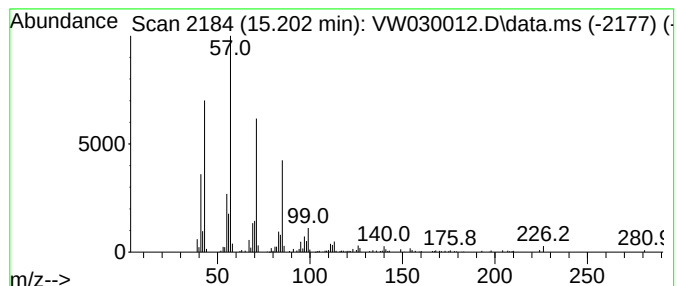
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.202	5.29 ug/L	168425	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hexadecane	226	C16H34	000544-76-3	93
3			10-Methylnonadecane	282	C20H42	056862-62-5	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030012.D
Acq On : 23 Aug 2024 15:54
Operator : SY/MD
Sample : P3721-01
Misc : 5.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY5

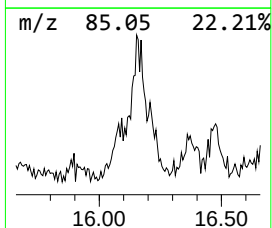
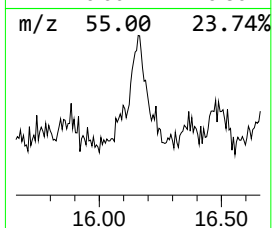
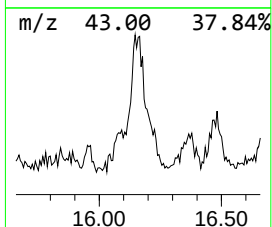
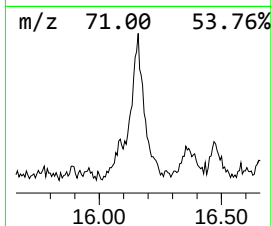
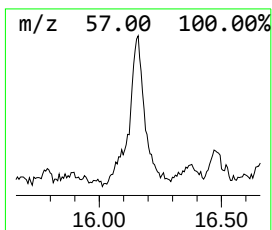
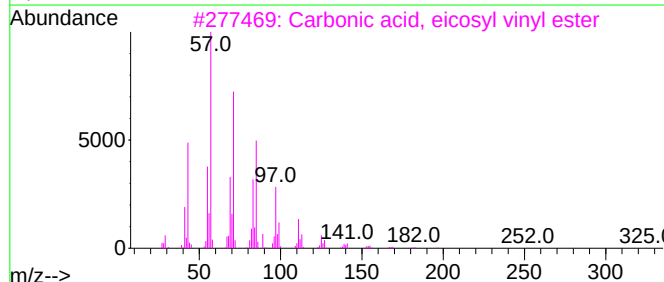
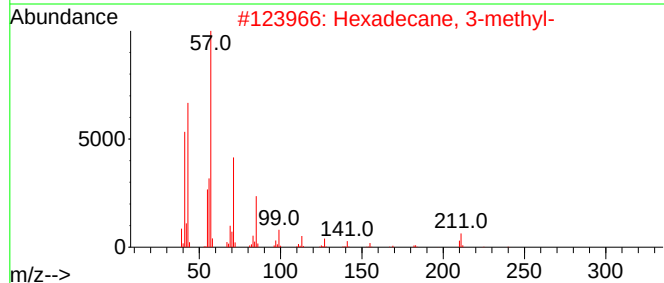
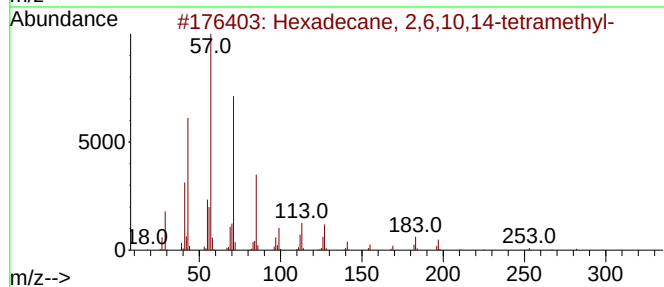
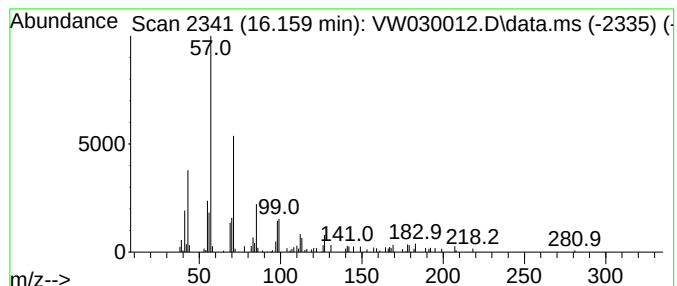
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	2.09 ug/L	66583	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030012.D
Acq On : 23 Aug 2024 15:54
Operator : SY/MD
Sample : P3721-01
Misc : 5.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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
Pentanal	9.410	1.4	ug/L	60422	1	8.837	1060650	25.0
Hexanal	11.069	8.5	ug/L	366168	2	11.629	1077660	25.0
.alpha.-Pinene	12.465	1.5	ug/L	65377	2	11.629	1077660	25.0
D-Limonene	13.464	5.0	ug/L	160136	3	13.556	795625	25.0
(DEL) Alkane: S...	15.202	5.3	ug/L	168425	3	13.556	795625	25.0
(DEL) Alkane: S...	16.159	2.1	ug/L	66583	3	13.556	795625	25.0