

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029922.D
 Acq On : 16 Aug 2024 11:36
 Operator : SY/MD
 Sample : P3504-11
 Misc : 6.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYC9

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: VW029922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	39	43	44	rBV3	605	788	0.08%	0.010%
2	2.179	44	48	49	rBV4	755	1063	0.11%	0.013%
3	2.362	72	78	91	rBV	49491	120069	12.33%	1.505%
4	2.899	159	166	177	rBV	38319	106444	10.93%	1.334%
5	3.295	227	231	234	rVV5	794	1251	0.13%	0.016%
6	3.326	234	236	239	rVB4	653	701	0.07%	0.009%
7	3.393	239	247	260	rVB2	10985	26657	2.74%	0.334%
8	3.728	297	302	303	rBV4	845	1232	0.13%	0.015%
9	3.746	303	305	312	rVB5	1093	1929	0.20%	0.024%
10	4.021	337	350	362	rBV2	92714	296350	30.43%	3.715%
11	4.411	410	414	416	rVB3	636	779	0.08%	0.010%
12	4.606	443	446	452	rBV5	496	1151	0.12%	0.014%
13	4.917	485	497	508	rBV3	11988	46416	4.77%	0.582%
14	5.472	586	588	592	rVB	554	679	0.07%	0.009%
15	5.782	633	639	640	rBV3	1431	2510	0.26%	0.031%
16	5.947	654	666	678	rBV3	6354	20759	2.13%	0.260%
17	6.142	695	698	703	rVV5	442	773	0.08%	0.010%
18	6.605	771	774	779	rBV5	657	949	0.10%	0.012%
19	6.904	813	823	835	rBV5	4401	14875	1.53%	0.186%
20	7.075	844	851	872	rBV2	21462	78029	8.01%	0.978%
21	7.648	934	945	957	rBV	161149	392093	40.26%	4.915%
22	7.770	960	965	971	rVB7	1383	2978	0.31%	0.037%
23	8.276	1036	1048	1063	rVV2	301155	876777	90.02%	10.990%
24	8.550	1086	1093	1094	rBV3	2983	4784	0.49%	0.060%
25	8.703	1110	1118	1128	rBV2	11858	28979	2.98%	0.363%
26	8.843	1132	1141	1154	rBV	432376	853788	87.66%	10.702%
27	8.934	1154	1156	1159	rVB4	839	963	0.10%	0.012%
28	9.001	1164	1167	1169	rVV4	646	833	0.09%	0.010%
29	9.087	1173	1181	1185	rVB10	1413	3748	0.38%	0.047%
30	9.276	1202	1212	1221	rBV	205951	425038	43.64%	5.328%
31	9.410	1227	1234	1241	rBV	31818	62241	6.39%	0.780%
32	9.550	1253	1257	1262	rBV4	765	1203	0.12%	0.015%
33	9.660	1274	1275	1281	rVB4	871	1563	0.16%	0.020%
34	10.032	1326	1336	1345	rBV	102694	191643	19.68%	2.402%
35	10.160	1348	1357	1364	rVB10	2273	7169	0.74%	0.090%
36	10.324	1371	1384	1391	rBV	397802	744449	76.43%	9.331%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029922.D
 Acq On : 16 Aug 2024 11:36
 Operator : SY/MD
 Sample : P3504-11
 Misc : 6.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYC9

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

37	10.385	1391	1394	1399	rVB2	6215	10688	1.10%	0.134%
38	10.501	1409	1413	1418	rVB4	2863	4370	0.45%	0.055%
39	10.574	1418	1425	1432	rBV	65364	117737	12.09%	1.476%
40	10.702	1440	1446	1451	rBV2	8465	13303	1.37%	0.167%
41	10.818	1461	1465	1466	rBV3	794	959	0.10%	0.012%
42	10.861	1470	1472	1475	rVB2	668	800	0.08%	0.010%
43	10.922	1475	1482	1496	rBV	87036	158383	16.26%	1.985%
44	11.068	1499	1506	1522	rVV	300403	480428	49.33%	6.022%
45	11.452	1566	1569	1573	rBV4	555	870	0.09%	0.011%
46	11.568	1584	1588	1591	rBV4	1686	2686	0.28%	0.034%
47	11.629	1591	1598	1610	rVB	606680	973967	100.00%	12.208%
48	11.842	1627	1633	1640	rBV3	7239	14932	1.53%	0.187%
49	11.940	1647	1649	1656	rVB6	1740	2970	0.30%	0.037%
50	12.013	1656	1661	1665	rBV4	5214	8440	0.87%	0.106%
51	12.165	1682	1686	1688	rBV5	694	864	0.09%	0.011%
52	12.232	1694	1697	1702	rBV5	871	1339	0.14%	0.017%
53	12.336	1707	1714	1723	rBV3	12345	22144	2.27%	0.278%
54	12.470	1728	1736	1740	rBV	29268	53079	5.45%	0.665%
55	12.513	1740	1743	1750	rVB2	8545	13019	1.34%	0.163%
56	12.604	1750	1758	1763	rBV2	13422	22633	2.32%	0.284%
57	12.690	1765	1772	1788	rVB	146101	260378	26.73%	3.264%
58	12.903	1801	1807	1808	rBV4	2624	4333	0.44%	0.054%
59	12.927	1809	1811	1820	rVB5	3838	9043	0.93%	0.113%
60	13.037	1823	1829	1833	rBV2	3064	5142	0.53%	0.064%
61	13.098	1833	1839	1843	rBV7	4036	7821	0.80%	0.098%
62	13.153	1843	1848	1852	rVB2	9404	14133	1.45%	0.177%
63	13.208	1852	1857	1865	rBV	16532	26753	2.75%	0.335%
64	13.281	1865	1869	1878	rVB7	4942	9697	1.00%	0.122%
65	13.360	1878	1882	1883	rBV4	1947	2685	0.28%	0.034%
66	13.391	1883	1887	1894	rVB4	14498	24021	2.47%	0.301%
67	13.464	1894	1899	1902	rBV4	11981	22508	2.31%	0.282%
68	13.555	1907	1914	1921	rBV	466205	749356	76.94%	9.393%
69	13.714	1935	1940	1944	rBV6	1084	1831	0.19%	0.023%
70	13.751	1944	1946	1949	rBV3	1014	1201	0.12%	0.015%
71	13.848	1955	1962	1975	rBV	281209	456329	46.85%	5.720%
72	14.019	1982	1990	1993	rBV5	2963	8111	0.83%	0.102%
73	14.068	1993	1998	2006	rVV5	16056	30024	3.08%	0.376%
74	14.141	2008	2010	2015	rVB5	1364	2139	0.22%	0.027%
75	14.196	2015	2019	2020	rBV3	770	1124	0.12%	0.014%
76	14.263	2029	2030	2034	rBV4	596	687	0.07%	0.009%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029922.D
 Acq On : 16 Aug 2024 11:36
 Operator : SY/MD
 Sample : P3504-11
 Misc : 6.70g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYC9

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

77	14.317	2034	2039	2047	rBV4	16291	26519	2.72%	0.332%
78	14.519	2067	2072	2075	rVV5	1638	2378	0.24%	0.030%
79	14.549	2075	2077	2083	rVB7	1112	1561	0.16%	0.020%
80	14.616	2083	2088	2093	rBV8	956	1842	0.19%	0.023%
81	14.683	2097	2099	2102	rBV4	1033	1170	0.12%	0.015%
82	14.799	2115	2118	2122	rBV3	704	802	0.08%	0.010%
83	14.854	2122	2127	2128	rBV4	866	1329	0.14%	0.017%
84	14.945	2137	2142	2149	rBV4	4516	7968	0.82%	0.100%
85	15.073	2159	2163	2165	rBV3	759	1083	0.11%	0.014%
86	15.122	2169	2171	2173	rVB3	967	827	0.08%	0.010%
87	15.171	2174	2179	2183	rBV6	2214	4666	0.48%	0.058%
88	15.226	2185	2188	2194	rVV6	3409	6947	0.71%	0.087%
89	15.293	2194	2199	2208	rVB	12763	22206	2.28%	0.278%
90	15.403	2215	2217	2223	rVB4	1581	2722	0.28%	0.034%
91	15.476	2227	2229	2231	rVB3	856	646	0.07%	0.008%
92	15.842	2283	2289	2301	rVB8	6729	14679	1.51%	0.184%
93	15.951	2302	2307	2313	rBV4	6022	11456	1.18%	0.144%
94	16.085	2327	2329	2331	rBV3	1259	1337	0.14%	0.017%
95	16.110	2331	2333	2338	rVV4	861	1088	0.11%	0.014%
96	16.220	2349	2351	2356	rVB6	648	1038	0.11%	0.013%
97	16.348	2370	2372	2378	rVB5	660	777	0.08%	0.010%
98	16.445	2386	2388	2391	rBV4	607	840	0.09%	0.011%
99	16.622	2416	2417	2421	rBV2	881	978	0.10%	0.012%
100	16.701	2429	2430	2434	rBV3	482	632	0.06%	0.008%

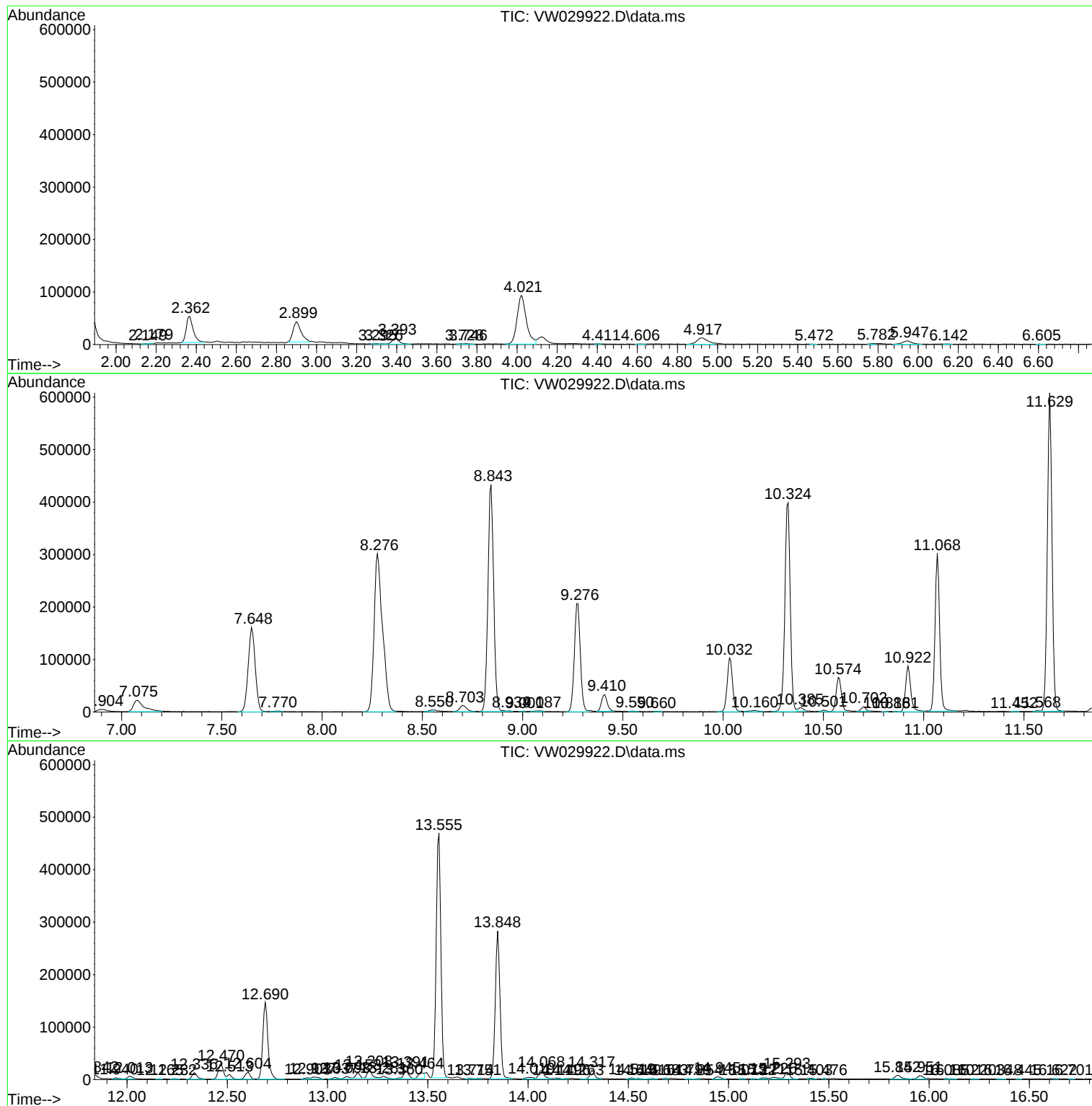
Sum of corrected areas: 7978071

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
Data File : VW029922.D
Acq On : 16 Aug 2024 11:36
Operator : SY/MD
Sample : P3504-11
Misc : 6.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYC9

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
Data File : VW029922.D
Acq On : 16 Aug 2024 11:36
Operator : SY/MD
Sample : P3504-11
Misc : 6.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYC9

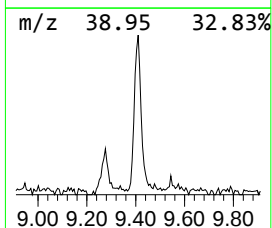
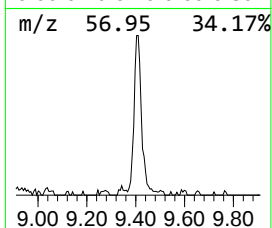
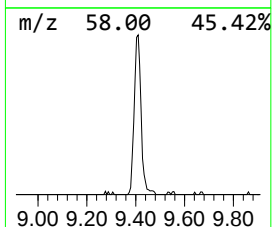
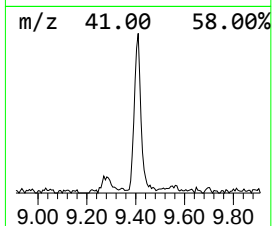
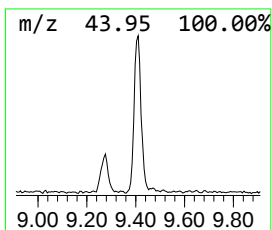
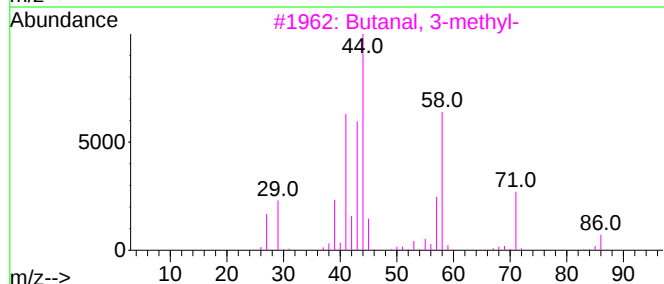
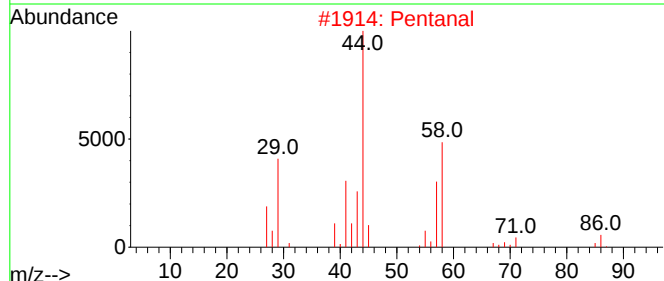
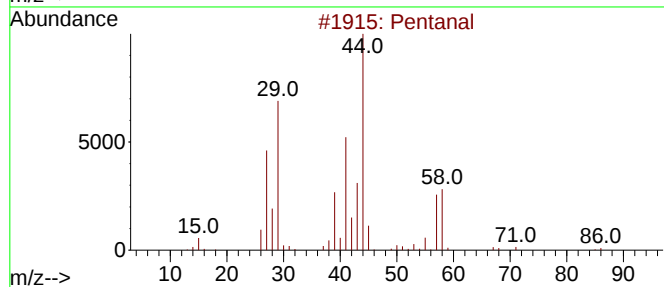
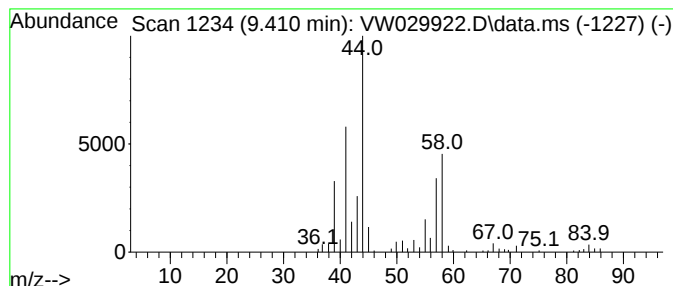
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	1.82 ug/L	62241	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	78
2			Pentanal	86	C5H10O	000110-62-3	72
3			Butanal, 3-methyl-	86	C5H10O	000590-86-3	56
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	56
5			Pentanal	86	C5H10O	000110-62-3	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
Data File : VW029922.D
Acq On : 16 Aug 2024 11:36
Operator : SY/MD
Sample : P3504-11
Misc : 6.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

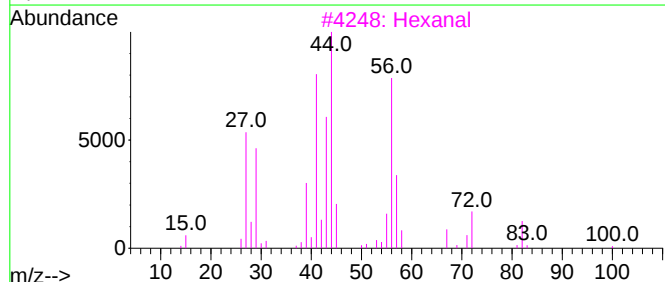
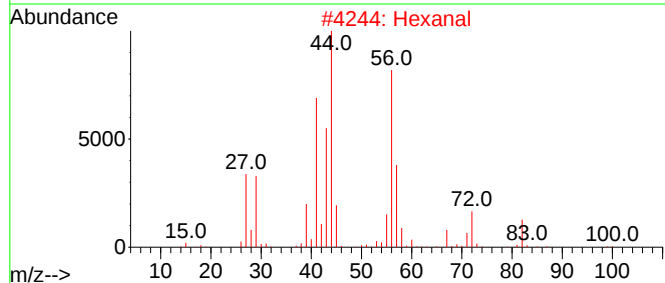
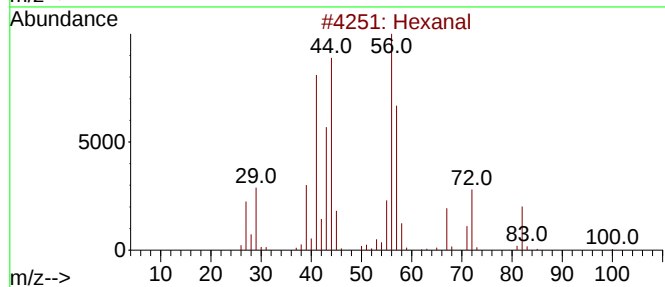
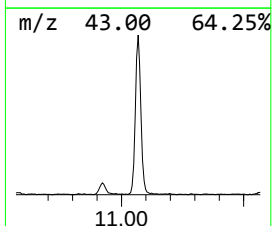
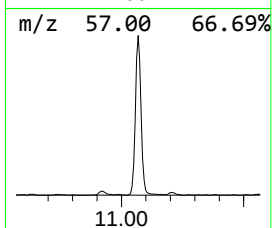
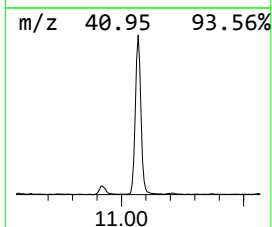
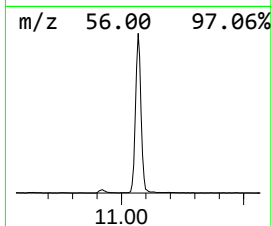
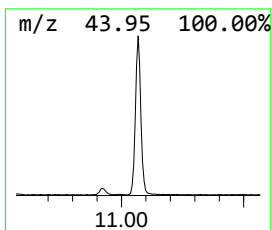
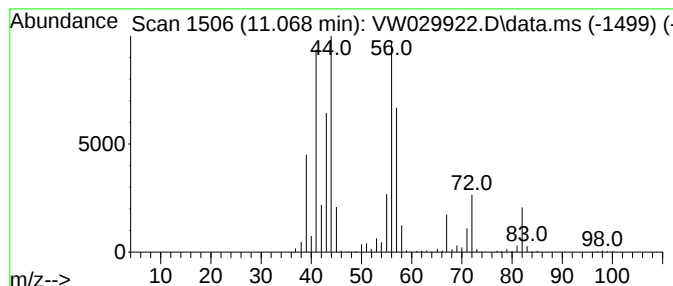
Instrument :
MSVOA_W
ClientSampleId :
DCYC9

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.	
11.068	12.33 ug/L	480428	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	94
2	Hexanal		100	C6H12O	000066-25-1	81
3	Hexanal		100	C6H12O	000066-25-1	72
4	Hexanal		100	C6H12O	000066-25-1	64
5	Hexanal		100	C6H12O	000066-25-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
Data File : VW029922.D
Acq On : 16 Aug 2024 11:36
Operator : SY/MD
Sample : P3504-11
Misc : 6.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYC9

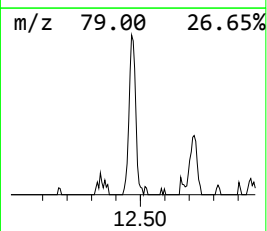
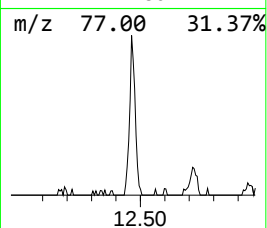
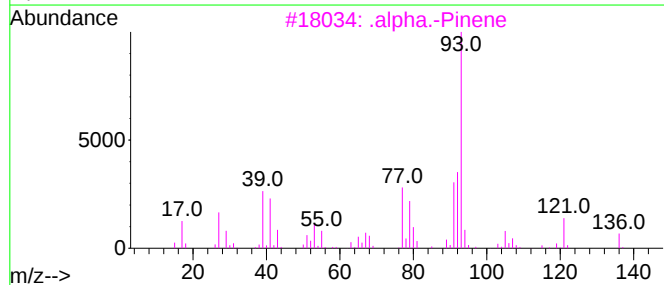
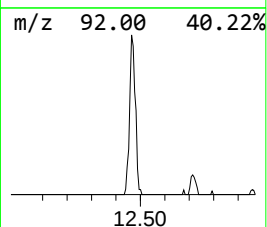
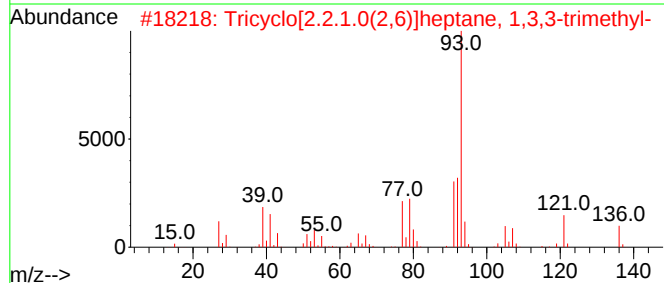
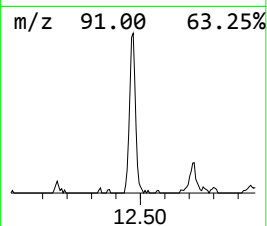
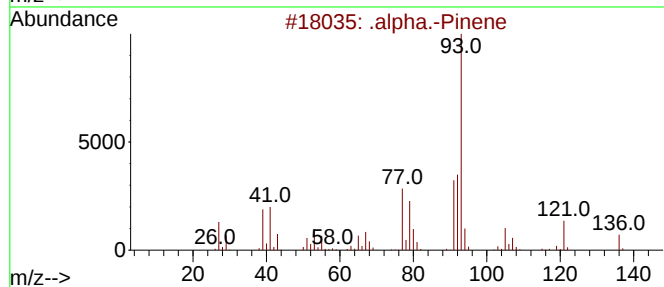
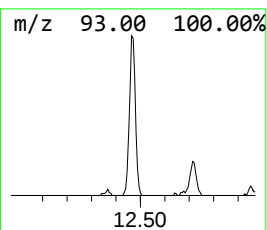
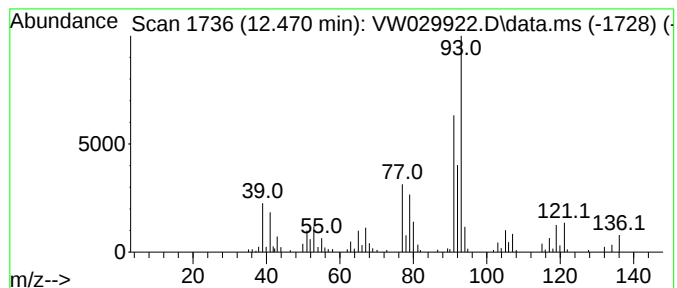
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	1.36 ug/L	53079	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.alpha.-Pinene	136	C10H16	000080-56-8	95	
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91		
3	.	.alpha.-Pinene	136	C10H16	000080-56-8	91	
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91		
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
Data File : VW029922.D
Acq On : 16 Aug 2024 11:36
Operator : SY/MD
Sample : P3504-11
Misc : 6.70g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYC9

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.410	1.8	ug/L	62241	1	8.843	853788	25.0
Hexanal	11.068	12.3	ug/L	480428	2	11.629	973967	25.0
.alpha.-Pinene	12.470	1.4	ug/L	53079	2	11.629	973967	25.0