

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029984.D
 Acq On : 22 Aug 2024 13:50
 Operator : SY/MD
 Sample : P3673-05
 Misc : 5.50g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYD2

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: VW029984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.362	72	78	95	rVB	55471	123329	12.57%	1.516%
2	2.509	97	102	109	rBV	9638	24214	2.47%	0.298%
3	2.899	160	166	181	rVB	39615	108313	11.04%	1.331%
4	3.313	230	234	239	rVB5	896	1645	0.17%	0.020%
5	3.393	239	247	255	rBV2	5555	13020	1.33%	0.160%
6	3.575	275	277	279	rBV	308	172	0.02%	0.002%
7	3.630	283	286	287	rBV2	279	276	0.03%	0.003%
8	4.021	338	350	363	rBV3	108705	350064	35.69%	4.303%
9	4.642	450	452	453	rBV2	337	257	0.03%	0.003%
10	4.685	453	459	471	rVB2	1669	5303	0.54%	0.065%
11	4.856	486	487	488	rBV	185	135	0.01%	0.002%
12	4.923	488	498	517	rVB2	9396	32808	3.35%	0.403%
13	5.100	525	527	528	rBV	149	133	0.01%	0.002%
14	5.228	546	548	549	rVB	249	120	0.01%	0.001%
15	5.240	549	550	555	rBV2	323	414	0.04%	0.005%
16	5.350	566	568	570	rVV2	147	161	0.02%	0.002%
17	5.392	574	575	578	rVV	293	166	0.02%	0.002%
18	5.435	578	582	583	rVB2	195	217	0.02%	0.003%
19	5.471	583	588	590	rBV2	170	218	0.02%	0.003%
20	5.508	593	594	599	rVB2	193	234	0.02%	0.003%
21	5.587	605	607	610	rVV	185	176	0.02%	0.002%
22	5.715	626	628	630	rBV2	155	170	0.02%	0.002%
23	5.801	635	642	648	rVV6	748	2395	0.24%	0.029%
24	5.868	652	653	655	rBV	191	114	0.01%	0.001%
25	5.953	655	667	675	rVB5	2385	7001	0.71%	0.086%
26	6.020	675	678	680	rBV2	175	191	0.02%	0.002%
27	6.118	689	694	698	rBV3	846	1720	0.18%	0.021%
28	6.325	726	728	731	rBV2	268	335	0.03%	0.004%
29	6.410	741	742	745	rBV	159	129	0.01%	0.002%
30	6.502	754	757	758	rBV2	122	125	0.01%	0.002%
31	6.697	786	789	792	rVB2	179	238	0.02%	0.003%
32	6.721	792	793	795	rBV	133	119	0.01%	0.001%
33	6.904	814	823	833	rBV5	3031	9499	0.97%	0.117%
34	7.087	845	853	878	rBV4	27547	105924	10.80%	1.302%
35	7.380	898	901	904	rBV4	173	240	0.02%	0.003%
36	7.441	910	911	917	rBV2	222	410	0.04%	0.005%

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 Title : SFAM01.0

37	7.550	927	929	931	rBV2	331	236	0.02%	0.003%
38	7.648	934	945	958	rBV	176308	435207	44.37%	5.350%
39	7.806	969	971	973	rVB2	210	157	0.02%	0.002%
40	8.075	1012	1015	1017	rBV	184	209	0.02%	0.003%
41	8.154	1026	1028	1031	rVB2	175	119	0.01%	0.001%
42	8.276	1037	1048	1064	rBV2	327604	980752	100.00%	12.055%
43	8.550	1084	1093	1102	rBV4	4657	13120	1.34%	0.161%
44	8.715	1112	1120	1128	rBV2	3405	8564	0.87%	0.105%
45	8.843	1132	1141	1155	rBV	362839	719974	73.41%	8.850%
46	9.056	1171	1176	1177	rBV4	1499	2552	0.26%	0.031%
47	9.270	1198	1211	1222	rBV	227102	471565	48.08%	5.796%
48	9.410	1228	1234	1250	rVB2	30928	68313	6.97%	0.840%
49	9.520	1250	1252	1253	rBV	323	261	0.03%	0.003%
50	9.660	1271	1275	1281	rVB4	865	1730	0.18%	0.021%
51	9.751	1289	1290	1291	rBV	279	147	0.01%	0.002%
52	9.940	1319	1321	1322	rBV	267	197	0.02%	0.002%
53	10.032	1329	1336	1347	rVV	112392	206118	21.02%	2.534%
54	10.135	1347	1353	1362	rVB5	5253	12532	1.28%	0.154%
55	10.324	1374	1384	1391	rBV	445206	793574	80.91%	9.755%
56	10.501	1410	1413	1417	rVB4	930	1285	0.13%	0.016%
57	10.574	1417	1425	1440	rBV	72683	134875	13.75%	1.658%
58	10.702	1440	1446	1451	rBV	25833	45998	4.69%	0.565%
59	10.861	1467	1472	1476	rVV3	656	1178	0.12%	0.014%
60	10.922	1476	1482	1498	rVV	112749	200965	20.49%	2.470%
61	11.068	1499	1506	1525	rVV	376561	613839	62.59%	7.545%
62	11.397	1557	1560	1561	rBV2	328	323	0.03%	0.004%
63	11.507	1576	1578	1580	rBV	205	203	0.02%	0.002%
64	11.568	1584	1588	1590	rBV2	1668	2070	0.21%	0.025%
65	11.629	1591	1598	1607	rVV	481652	788211	80.37%	9.689%
66	11.775	1620	1622	1623	rBV	262	147	0.01%	0.002%
67	11.848	1628	1634	1646	rBV	9724	21695	2.21%	0.267%
68	12.013	1657	1661	1669	rBV2	8392	14030	1.43%	0.172%
69	12.239	1694	1698	1701	rBV2	1202	1595	0.16%	0.020%
70	12.336	1708	1714	1723	rBV3	8153	14691	1.50%	0.181%
71	12.464	1730	1735	1738	rBV3	4545	7396	0.75%	0.091%
72	12.513	1738	1743	1752	rVB2	13769	24052	2.45%	0.296%
73	12.598	1752	1757	1764	rBV2	22872	37665	3.84%	0.463%
74	12.690	1764	1772	1780	rBV	192040	312056	31.82%	3.836%
75	12.806	1789	1791	1794	rVB	315	271	0.03%	0.003%
76	12.903	1804	1807	1808	rBV2	938	993	0.10%	0.012%

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 Title : SFAM01.0

77	13.037	1824	1829	1833	rBV	4707	7013	0.72%	0.086%
78	13.092	1833	1838	1843	rBV4	4401	8028	0.82%	0.099%
79	13.153	1844	1848	1852	rBV2	5253	7405	0.76%	0.091%
80	13.269	1863	1867	1878	rVB2	10508	21152	2.16%	0.260%
81	13.348	1878	1880	1882	rBV2	276	226	0.02%	0.003%
82	13.391	1882	1887	1892	rBV3	7825	13314	1.36%	0.164%
83	13.494	1895	1904	1908	rBV	62226	100306	10.23%	1.233%
84	13.555	1908	1914	1925	rVB	363260	605682	61.76%	7.445%
85	13.848	1955	1962	1977	rBV	344896	561752	57.28%	6.905%
86	14.013	1984	1989	1992	rBV5	2128	3794	0.39%	0.047%
87	14.067	1992	1998	2008	rVV5	20113	38204	3.90%	0.470%
88	14.317	2032	2039	2047	rBV2	10051	17614	1.80%	0.217%
89	14.470	2062	2064	2066	rVB	244	123	0.01%	0.002%
90	14.519	2066	2072	2075	rBV3	1086	2005	0.20%	0.025%
91	14.616	2085	2088	2094	rVB4	1224	2123	0.22%	0.026%
92	14.683	2094	2099	2102	rBV3	1355	2377	0.24%	0.029%
93	14.951	2137	2143	2150	rVB6	2299	3822	0.39%	0.047%
94	15.067	2158	2162	2163	rBV3	657	763	0.08%	0.009%
95	15.171	2177	2179	2182	rBV3	1007	1025	0.10%	0.013%
96	15.293	2198	2199	2201	rBV3	267	180	0.02%	0.002%
97	15.744	2271	2273	2278	rBV4	584	934	0.10%	0.011%
98	15.842	2284	2289	2294	rBV4	4848	8093	0.83%	0.099%
99	16.415	2381	2383	2384	rBV	542	386	0.04%	0.005%
100	16.640	2418	2420	2422	rBV2	414	286	0.03%	0.004%

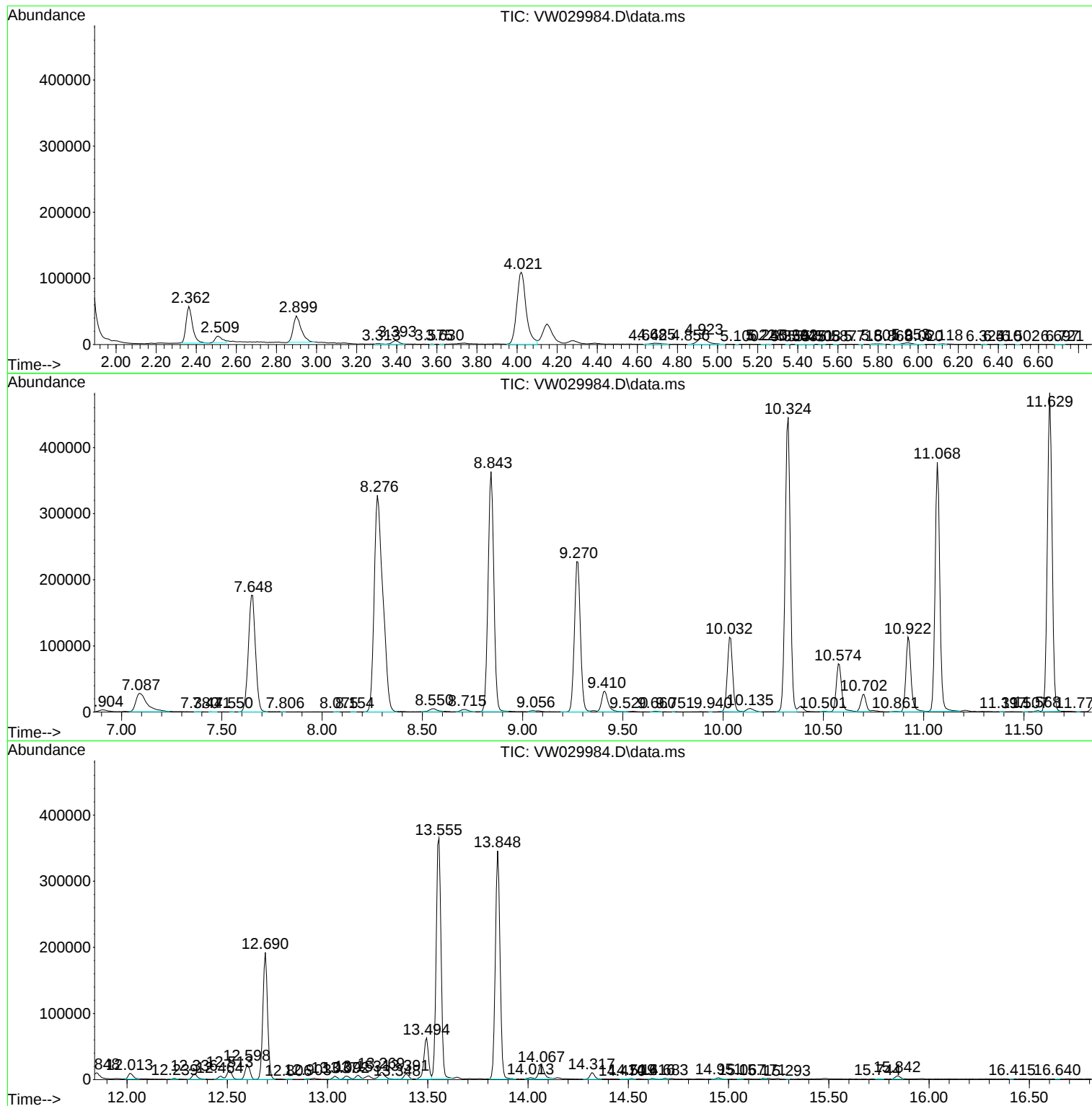
Sum of corrected areas: 8135457

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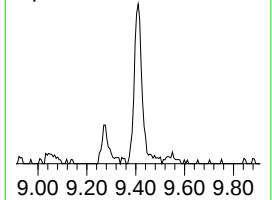
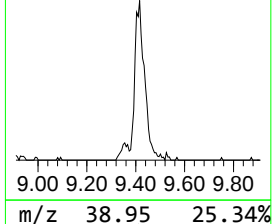
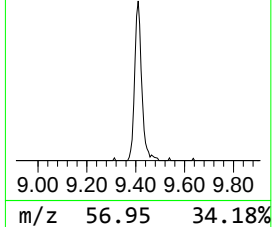
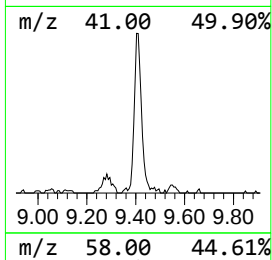
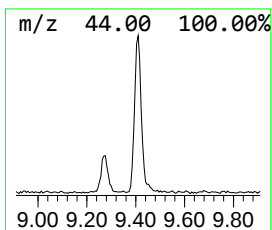
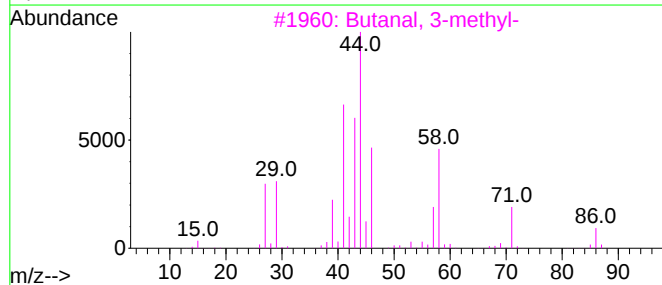
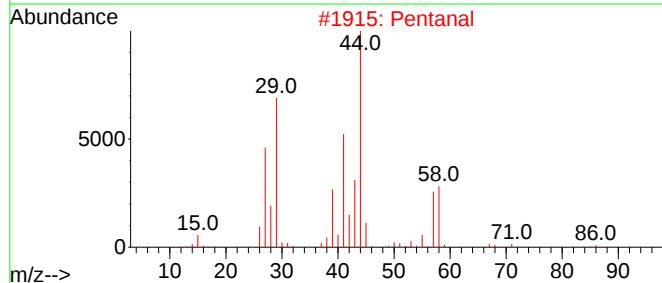
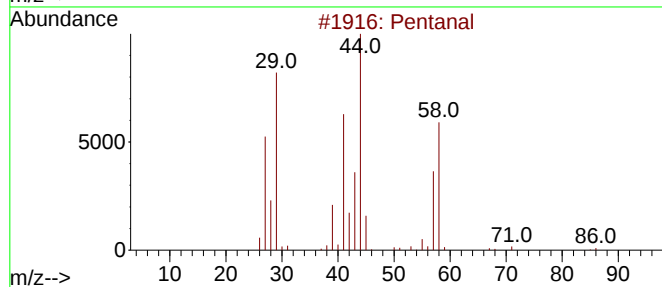
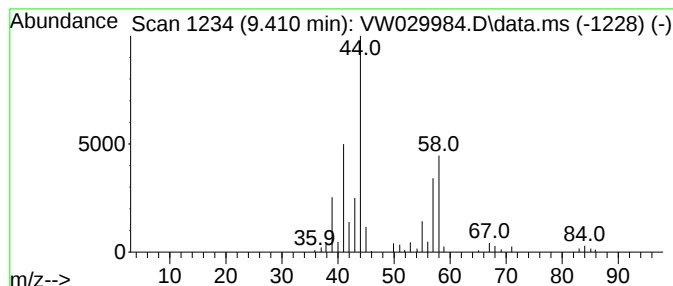
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	2.37 ug/L	68313	1,4-Difluorobenzene	8.843

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	Butanal, 3-methyl-			86	C5H10O	000590-86-3	83
4	Pentanal			86	C5H10O	000110-62-3	78
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74



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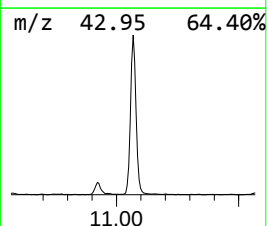
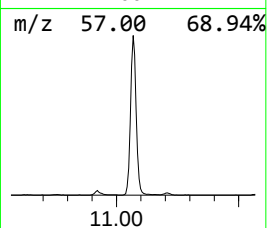
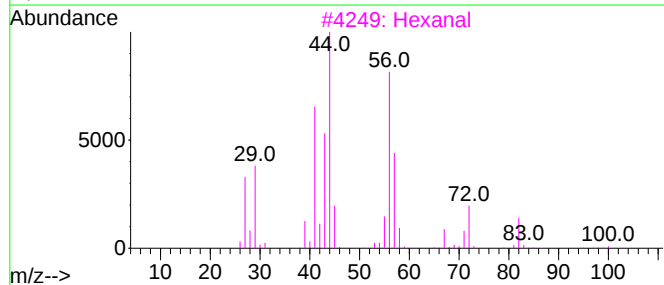
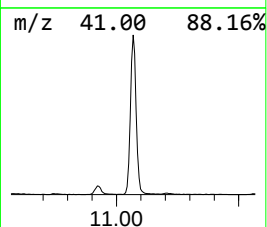
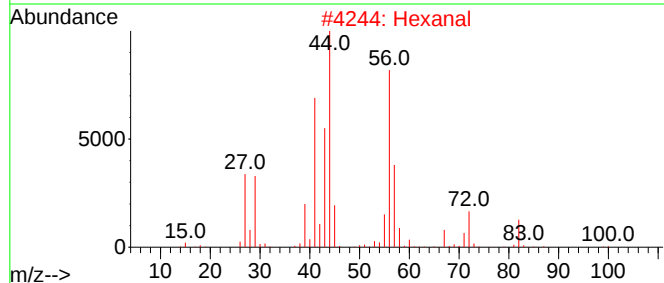
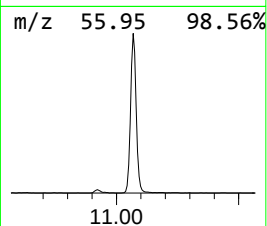
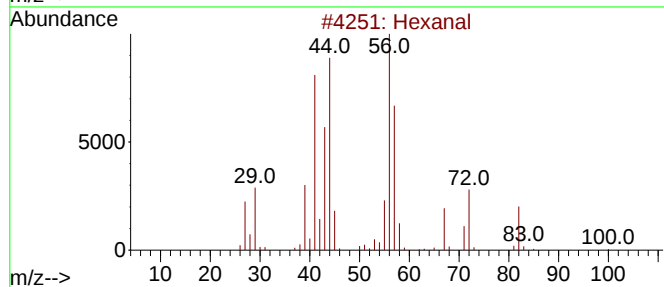
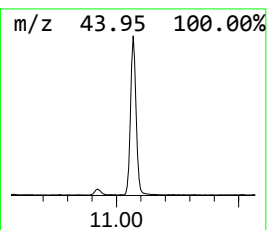
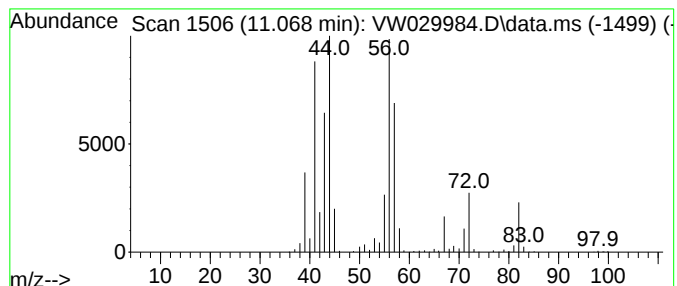
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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.
11.068	19.47 ug/L	613839	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	91
3	Hexanal			100	C6H12O	000066-25-1	91
4	Hexanal			100	C6H12O	000066-25-1	86
5	Hexanal			100	C6H12O	000066-25-1	72



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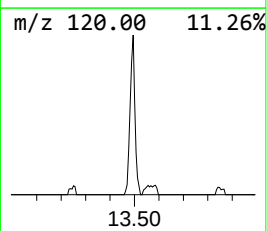
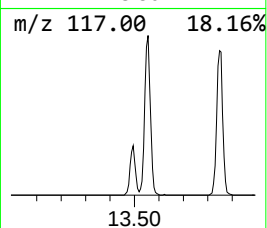
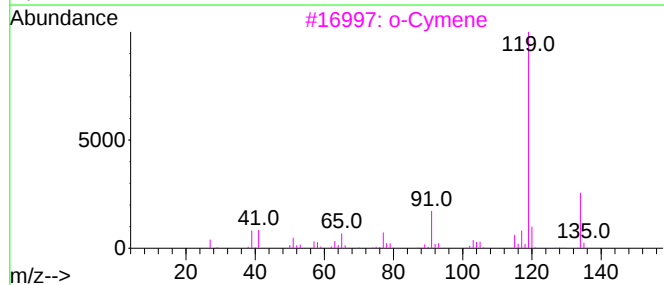
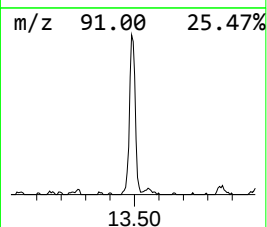
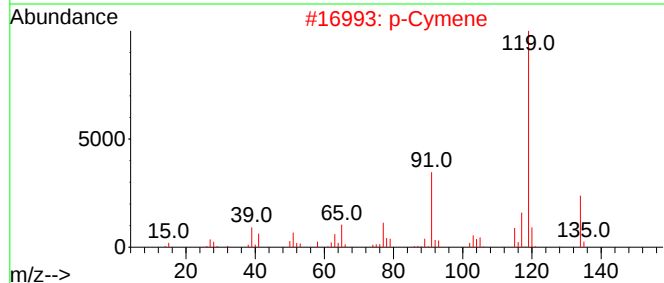
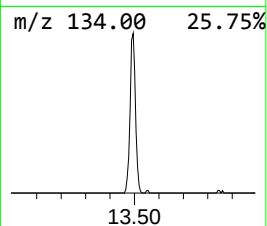
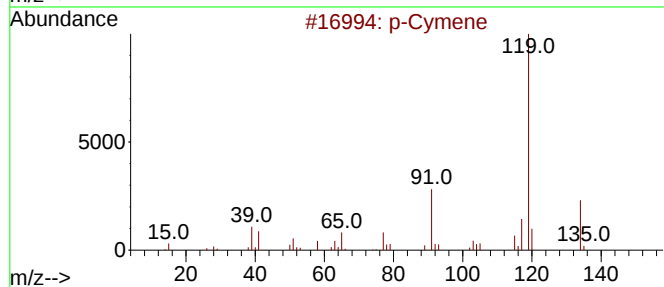
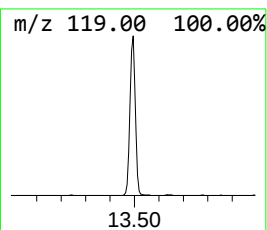
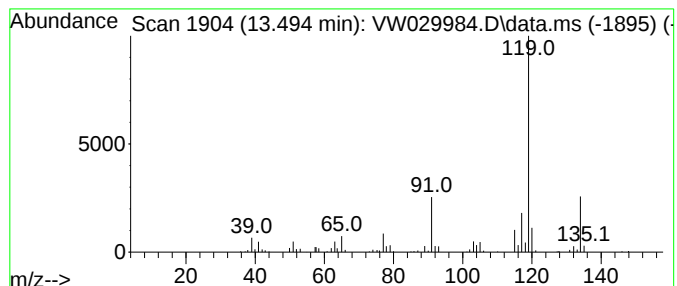
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.494	4.14 ug/L	100306	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene			134	C10H14	000099-87-6	95
2	p-Cymene			134	C10H14	000099-87-6	93
3	o-Cymene			134	C10H14	000527-84-4	93
4	1,3,5-Cycloheptatriene, 3,7,7-tr...			134	C10H14	003479-89-8	91
5	o-Cymene			134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
Data File : VW029984.D
Acq On : 22 Aug 2024 13:50
Operator : SY/MD
Sample : P3673-05
Misc : 5.50g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCYD2

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	2.4	ug/L	68313	1	8.843	719974	25.0
Hexanal	11.068	19.5	ug/L	613839	2	11.629	788211	25.0
p-Cymene	13.494	4.1	ug/L	100306	3	13.549	605682	25.0