

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
 Data File : VV030602.D
 Acq On : 17 Apr 2023 20:37
 Operator : SY/MD
 Sample : 02360-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP2

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_V\Method\SFAMVLM041723WMA.M
 Title : VOC Analysis

Signal : TIC: VV030602.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.220	52	56	60	rBV	12057	11761	0.97%	0.143%
2	1.282	70	75	93	rVB	115249	129746	10.68%	1.577%
3	1.536	148	154	172	rVB	118410	146943	12.10%	1.786%
4	2.066	310	319	335	rBV	212104	305790	25.18%	3.717%
5	2.552	467	470	471	rBV2	777	429	0.04%	0.005%
6	2.571	474	476	478	rBV3	1648	773	0.06%	0.009%
7	2.629	491	494	497	rBV5	1968	1319	0.11%	0.016%
8	2.777	537	540	541	rBV3	1143	460	0.04%	0.006%
9	2.799	545	547	549	rBV3	1693	721	0.06%	0.009%
10	2.834	556	558	561	rBV3	925	692	0.06%	0.008%
11	2.889	573	575	578	rBV4	1046	612	0.05%	0.007%
12	2.944	587	592	597	rVB9	1966	2172	0.18%	0.026%
13	2.979	600	603	605	rBV3	1381	909	0.07%	0.011%
14	3.024	615	617	618	rVB2	1258	432	0.04%	0.005%
15	3.034	618	620	623	rBV3	1530	671	0.06%	0.008%
16	3.053	623	626	632	rVB7	1078	995	0.08%	0.012%
17	3.079	632	634	635	rBV3	1103	473	0.04%	0.006%
18	3.143	650	654	657	rBV5	1300	819	0.07%	0.010%
19	3.159	657	659	663	rBV4	966	583	0.05%	0.007%
20	3.179	663	665	668	rVB3	1276	620	0.05%	0.008%
21	3.214	671	676	679	rBV6	1080	1286	0.11%	0.016%
22	3.252	687	688	690	rVB2	1528	377	0.03%	0.005%
23	3.265	690	692	694	rBV3	1021	464	0.04%	0.006%
24	3.285	694	698	701	rBV6	1169	781	0.06%	0.009%
25	3.391	729	731	733	rBV3	936	490	0.04%	0.006%
26	3.410	733	737	738	rBV4	1120	853	0.07%	0.010%
27	3.445	743	748	750	rBV5	1215	1137	0.09%	0.014%
28	3.516	767	770	773	rVB5	1592	1013	0.08%	0.012%
29	3.542	776	778	780	rBV3	1084	696	0.06%	0.008%
30	3.580	787	790	794	rVB4	1331	857	0.07%	0.010%
31	3.603	794	797	802	rBV6	1559	1606	0.13%	0.020%
32	3.642	807	809	810	rBV2	1089	580	0.05%	0.007%
33	3.725	832	835	836	rBV3	752	408	0.03%	0.005%
34	3.806	846	860	884	rBV2	49657	151442	12.47%	1.841%
35	4.137	962	963	965	rBV2	1045	434	0.04%	0.005%
36	4.256	988	1000	1025	rVB2	136349	340037	28.00%	4.133%

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Integrator: RTE

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Title : VOC Analysis

37	4.590	1100	1104	1109	rBV5	1213	1020	0.08%	0.012%
38	4.616	1109	1112	1116	rVB6	851	597	0.05%	0.007%
39	4.674	1126	1130	1133	rBV5	1617	1286	0.11%	0.016%
40	4.757	1154	1156	1160	rVB4	1193	716	0.06%	0.009%
41	4.825	1172	1177	1179	rBV6	1690	1306	0.11%	0.016%
42	4.899	1198	1200	1202	rBV3	1587	892	0.07%	0.011%
43	4.966	1205	1221	1248	rVV2	306325	822535	67.73%	9.997%
44	5.220	1295	1300	1304	rBV7	1457	1792	0.15%	0.022%
45	5.259	1309	1312	1314	rBV3	1879	1119	0.09%	0.014%
46	5.291	1321	1322	1326	rBV4	915	492	0.04%	0.006%
47	5.362	1342	1344	1346	rBV2	1094	658	0.05%	0.008%
48	5.494	1383	1385	1386	rBV2	1384	625	0.05%	0.008%
49	5.542	1388	1400	1423	rVV	288751	595723	49.06%	7.240%
50	5.841	1479	1493	1513	rBV	614680	1214356	100.00%	14.759%
51	5.998	1532	1542	1562	rVB	186431	374408	30.83%	4.550%
52	6.420	1671	1673	1676	rVB4	1799	795	0.07%	0.010%
53	6.606	1728	1731	1733	rBV4	1500	964	0.08%	0.012%
54	6.641	1739	1742	1744	rBV4	1710	1074	0.09%	0.013%
55	6.706	1759	1762	1765	rBV4	1743	1164	0.10%	0.014%
56	6.735	1767	1771	1773	rBV4	1226	726	0.06%	0.009%
57	6.748	1773	1775	1777	rBV3	1238	604	0.05%	0.007%
58	6.796	1788	1790	1792	rVB2	1391	513	0.04%	0.006%
59	6.812	1792	1795	1796	rBV3	1249	690	0.06%	0.008%
60	6.921	1819	1829	1845	rBV	91949	174086	14.34%	2.116%
61	7.095	1881	1883	1884	rBV2	2043	968	0.08%	0.012%
62	7.252	1921	1932	1956	rBV	348430	616028	50.73%	7.487%
63	7.561	2020	2028	2044	rBV	63890	110627	9.11%	1.345%
64	7.751	2084	2087	2092	rBV6	1243	1456	0.12%	0.018%
65	7.924	2140	2141	2142	rBV	1306	383	0.03%	0.005%
66	8.034	2165	2175	2191	rBV	158146	304705	25.09%	3.703%
67	8.185	2213	2222	2239	rBV2	77026	137587	11.33%	1.672%
68	8.600	2346	2351	2352	rBV5	1427	1028	0.08%	0.012%
69	8.686	2376	2378	2382	rBV5	1139	532	0.04%	0.006%
70	8.792	2401	2411	2437	rVB	438500	712449	58.67%	8.659%
71	9.178	2525	2531	2533	rBV6	2358	2500	0.21%	0.030%
72	9.272	2558	2560	2563	rBV4	1518	906	0.07%	0.011%
73	9.307	2568	2571	2574	rBV4	1056	998	0.08%	0.012%
74	9.320	2574	2575	2579	rVB4	1497	754	0.06%	0.009%
75	9.391	2595	2597	2600	rBV4	1545	941	0.08%	0.011%
76	9.493	2627	2629	2633	rVB5	1589	982	0.08%	0.012%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

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 Title : VOC Analysis

77	9.728	2699	2702	2703	rBV3	1240	646	0.05%	0.008%
78	9.757	2703	2711	2723	rVV2	27844	46247	3.81%	0.562%
79	9.931	2763	2765	2767	rBV3	932	427	0.04%	0.005%
80	9.976	2773	2779	2782	rBV6	1646	1871	0.15%	0.023%
81	9.992	2782	2784	2789	rBV5	1541	1579	0.13%	0.019%
82	10.162	2826	2837	2852	rBV	237050	375396	30.91%	4.562%
83	10.583	2966	2968	2970	rBV3	1641	1121	0.09%	0.014%
84	10.686	2997	3000	3002	rBV4	1362	887	0.07%	0.011%
85	10.863	3054	3055	3057	rBV2	1188	497	0.04%	0.006%
86	10.979	3089	3091	3093	rBV3	1647	967	0.08%	0.012%
87	11.050	3111	3113	3114	rBV2	1041	433	0.04%	0.005%
88	11.098	3117	3128	3146	rVV	118188	191977	15.81%	2.333%
89	11.194	3147	3158	3177	rVB	424994	675886	55.66%	8.215%
90	11.570	3263	3275	3293	rVB	341627	539878	44.46%	6.562%
91	11.889	3368	3374	3377	rBV8	1643	1892	0.16%	0.023%
92	12.162	3458	3459	3461	rBV2	919	373	0.03%	0.005%
93	12.294	3487	3500	3514	rBV2	115612	181644	14.96%	2.208%
94	12.680	3617	3620	3624	rBV6	1567	1142	0.09%	0.014%
95	12.898	3685	3688	3692	rBV6	1949	1277	0.11%	0.016%
96	12.966	3707	3709	3714	rBV6	1391	1106	0.09%	0.013%
97	13.741	3948	3950	3951	rBV2	1487	675	0.06%	0.008%
98	13.905	3999	4001	4002	rBV2	1293	571	0.05%	0.007%
99	14.040	4041	4043	4044	rBV2	1151	447	0.04%	0.005%
100	14.786	4274	4275	4276	rBV	1809	554	0.05%	0.007%

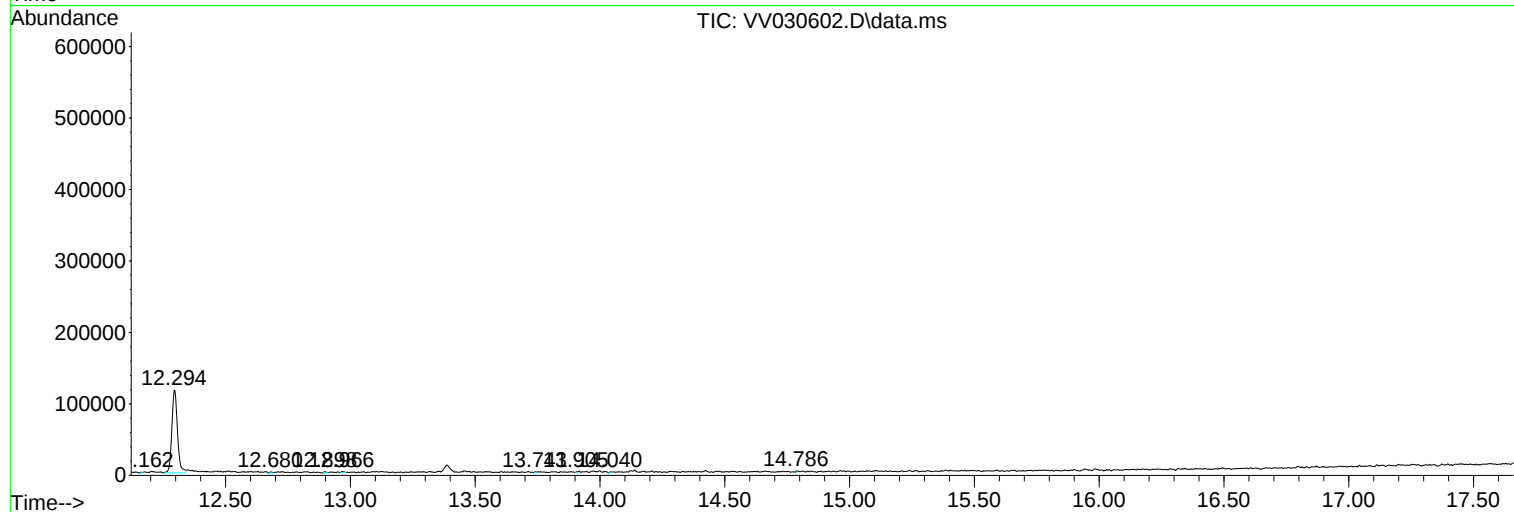
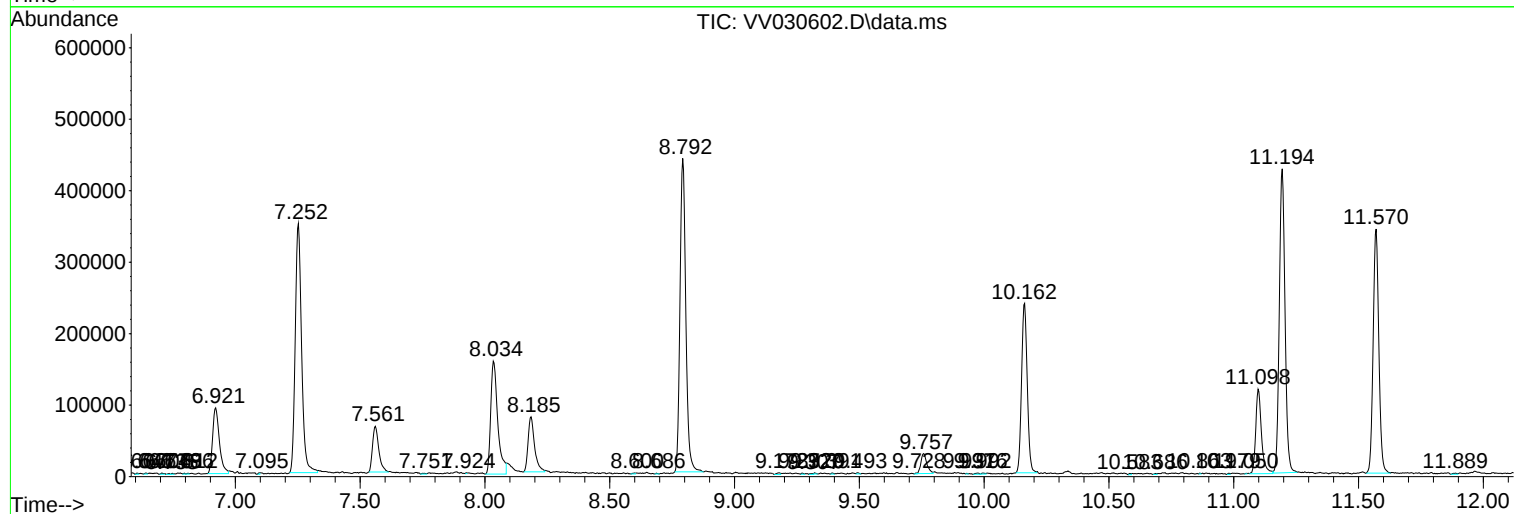
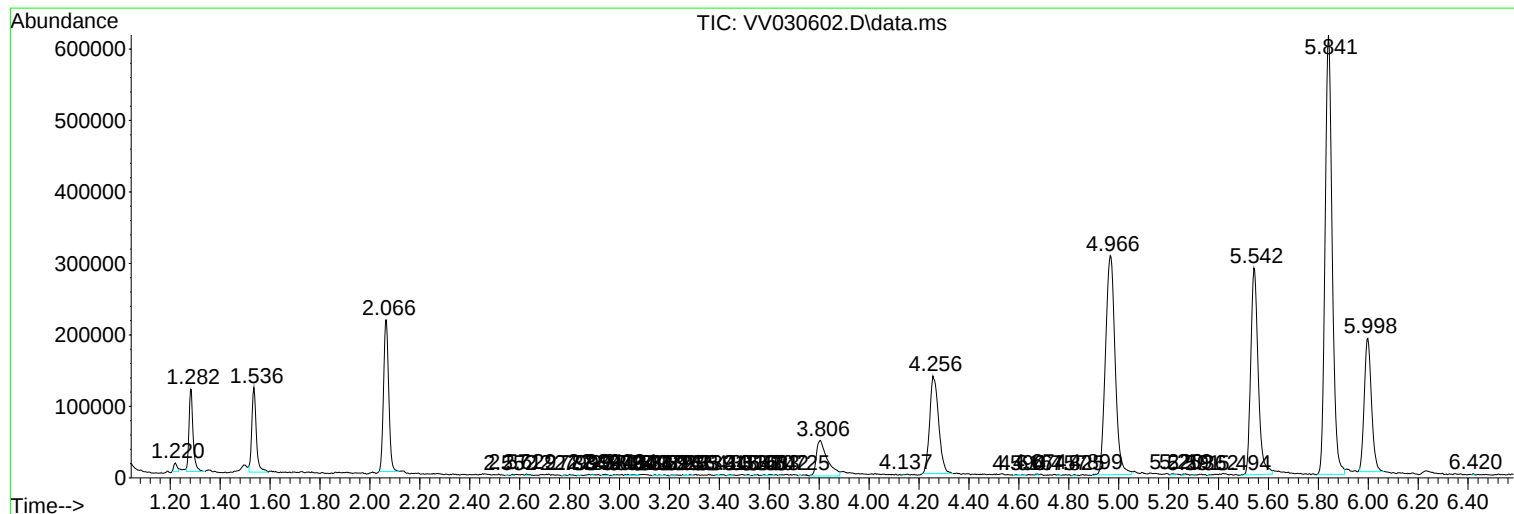
Sum of corrected areas: 8227859

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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



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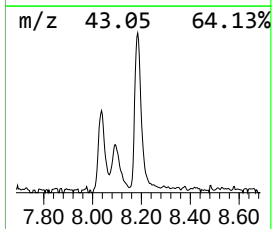
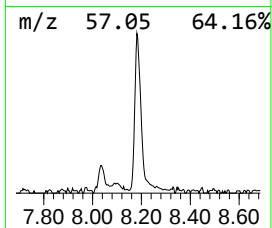
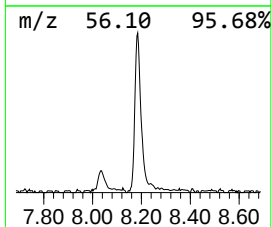
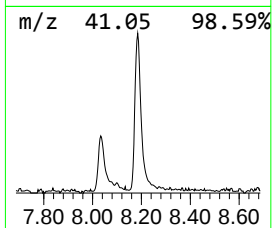
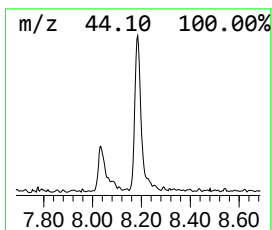
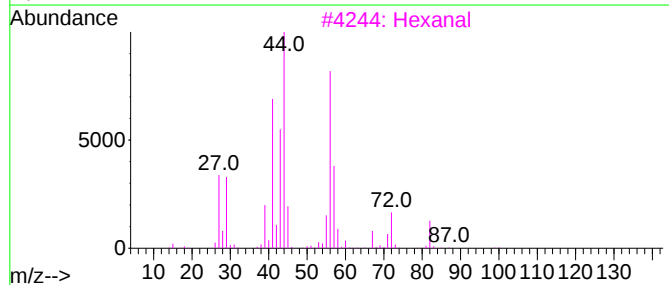
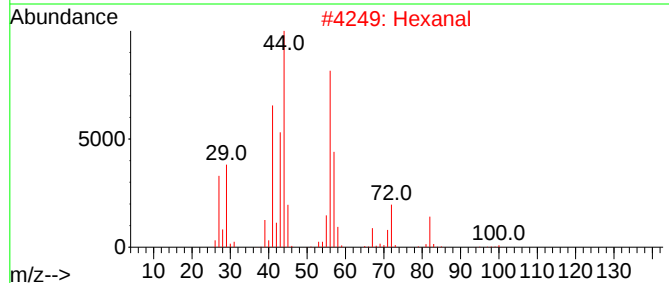
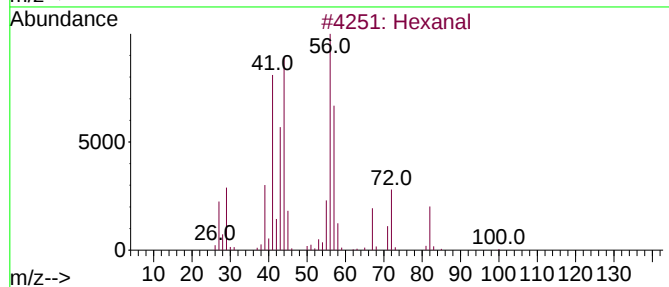
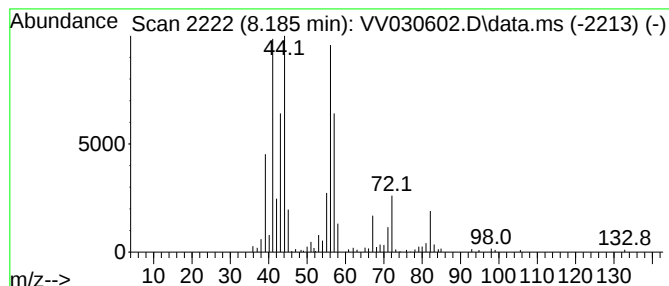
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	9.66 ug/L	137587	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	72
2	Hexanal			100	C6H12O	000066-25-1	64
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	59
5	Hexanal			100	C6H12O	000066-25-1	38



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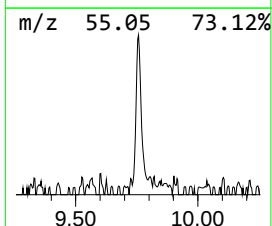
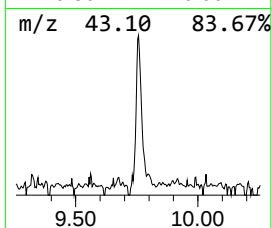
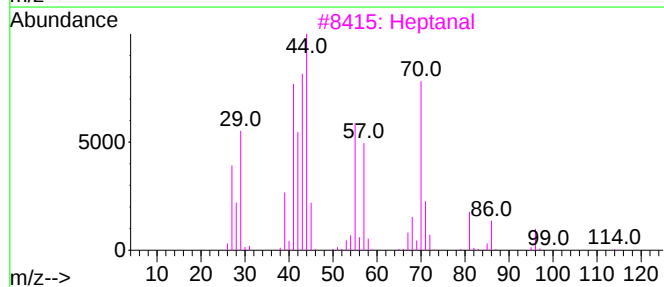
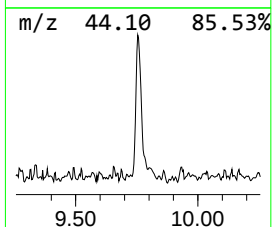
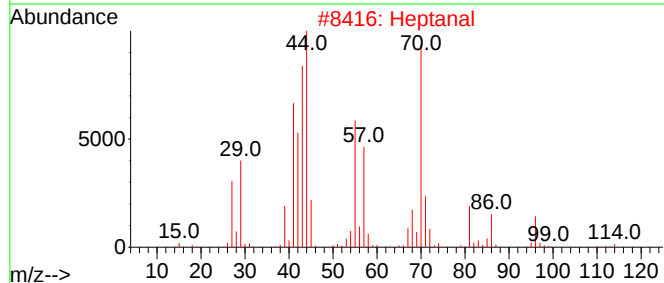
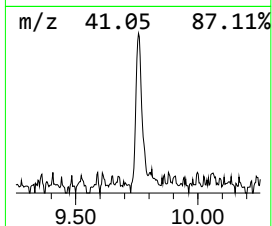
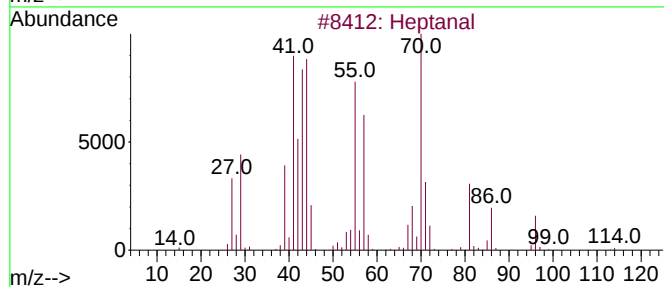
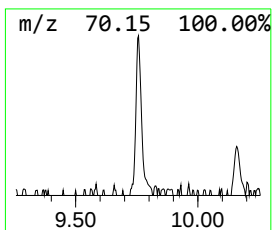
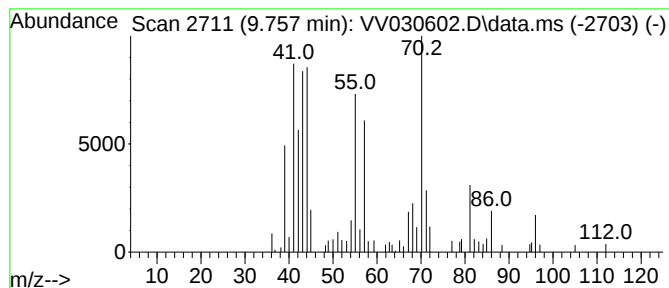
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	3.25 ug/L	46247	Chlorobenzene-d5	8.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	91
2	Heptanal			114	C7H14O	000111-71-7	90
3	Heptanal			114	C7H14O	000111-71-7	86
4	Heptanal			114	C7H14O	000111-71-7	83
5	Heptanal			114	C7H14O	000111-71-7	59



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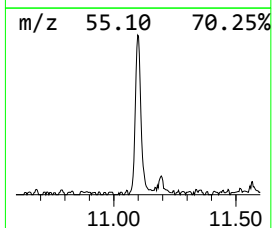
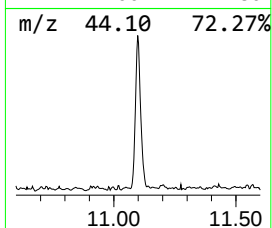
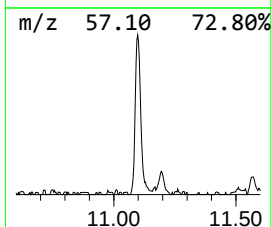
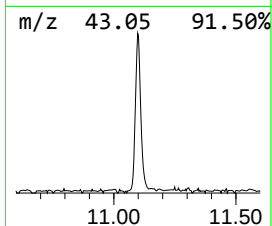
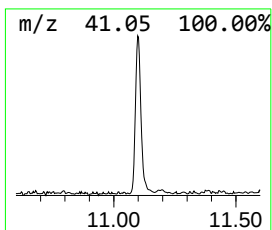
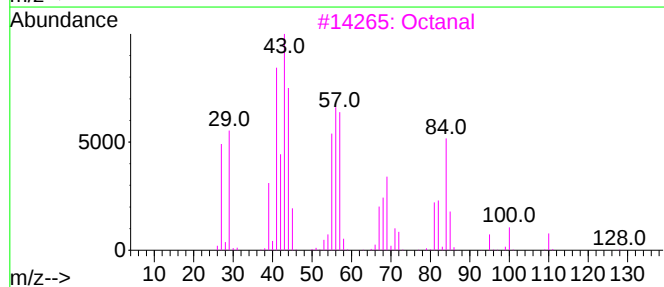
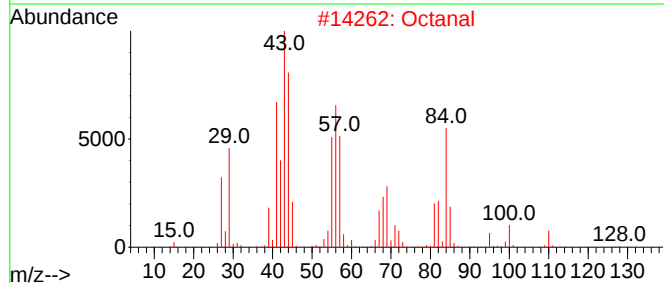
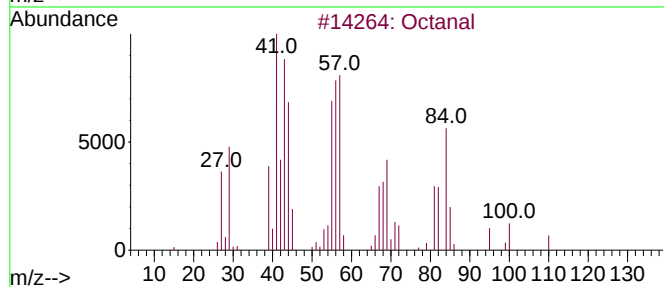
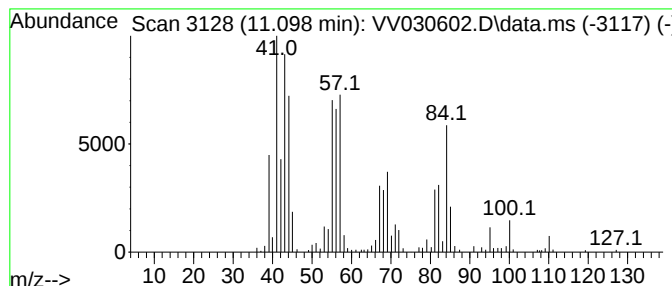
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	14.20 ug/L	191977	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	90
3	Octanal			128	C8H16O	000124-13-0	90
4	Octanal			128	C8H16O	000124-13-0	87
5	Octanal			128	C8H16O	000124-13-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030602.D
Acq On : 17 Apr 2023 20:37
Operator : SY/MD
Sample : 02360-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP2

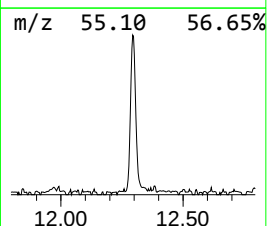
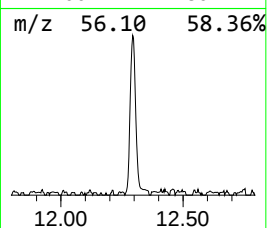
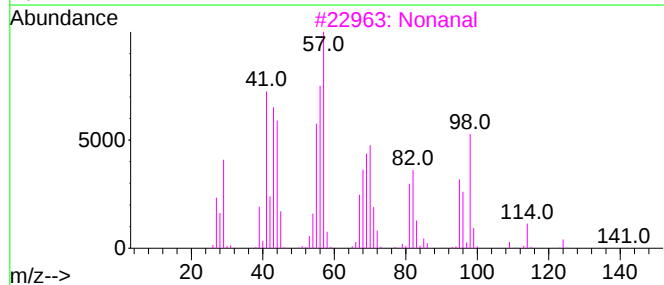
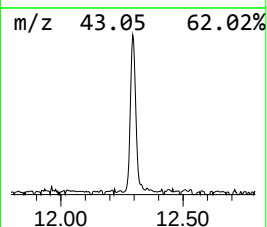
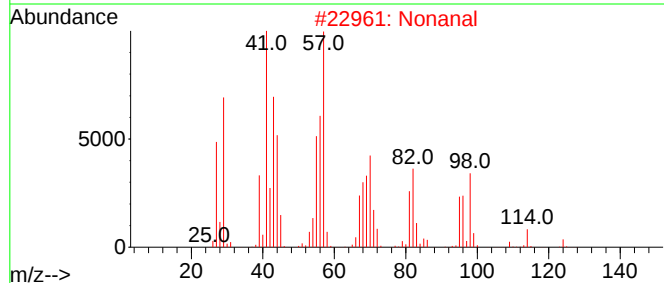
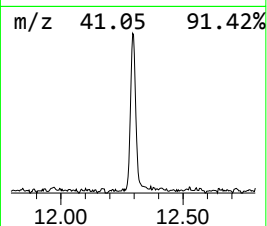
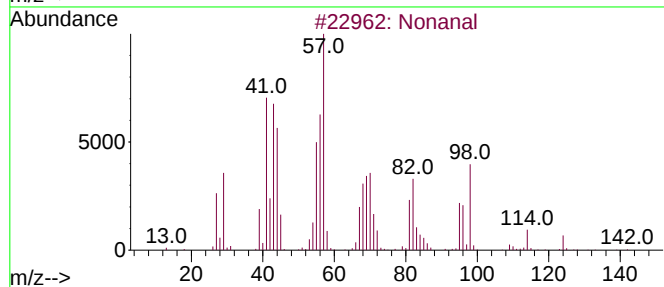
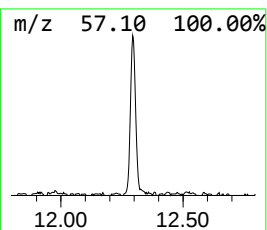
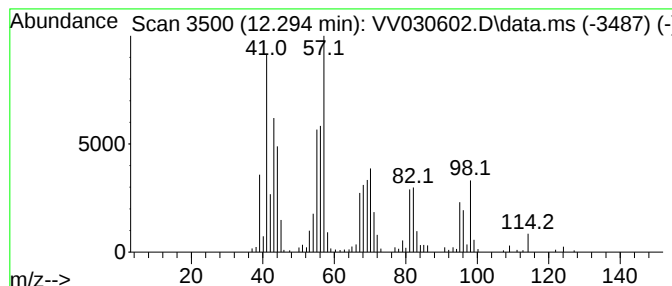
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Quant Title : VOC Analysis

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

Peak Number 5 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.294	13.44 ug/L	181644	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			Nonanal	142	C9H18O	000124-19-6	91
3			Nonanal	142	C9H18O	000124-19-6	90
4			Nonanal	142	C9H18O	000124-19-6	86
5			5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030602.D
Acq On : 17 Apr 2023 20:37
Operator : SY/MD
Sample : 02360-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	8.185	9.7	ug/L	137587	2	8.792	712449	50.0
Heptanal	9.757	3.3	ug/L	46247	2	8.792	712449	50.0
Octanal	11.098	14.2	ug/L	191977	3	11.194	675886	50.0
Nonanal	12.294	13.4	ug/L	181644	3	11.194	675886	50.0