

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
 Data File : VV030620.D
 Acq On : 18 Apr 2023 16:17
 Operator : SY/MD
 Sample : 02360-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 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: VV030620.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	69	75	91	rVB	103300	110426	11.98%	1.417%
2	1.536	148	154	167	rVB	94772	112422	12.19%	1.443%
3	2.066	310	319	333	rBV	198395	292063	31.68%	3.748%
4	2.368	410	413	417	rBV6	1805	1421	0.15%	0.018%
5	2.484	447	449	452	rBV3	1555	791	0.09%	0.010%
6	2.507	453	456	460	rVB6	1892	1025	0.11%	0.013%
7	2.532	460	464	468	rVB7	1580	1283	0.14%	0.016%
8	2.568	472	475	480	rBV6	1430	1307	0.14%	0.017%
9	2.629	492	494	497	rBV3	1873	1171	0.13%	0.015%
10	2.700	514	516	519	rBV4	1740	951	0.10%	0.012%
11	2.838	558	559	563	rBV4	1772	1463	0.16%	0.019%
12	2.873	568	570	574	rVV4	1349	921	0.10%	0.012%
13	2.915	581	583	587	rBV5	1210	959	0.10%	0.012%
14	2.970	595	600	605	rBV7	1947	1688	0.18%	0.022%
15	3.108	641	643	647	rVV5	2372	1154	0.13%	0.015%
16	3.130	647	650	652	rVB4	1816	800	0.09%	0.010%
17	3.147	652	655	658	rBV4	1404	1115	0.12%	0.014%
18	3.192	667	669	672	rBV3	1908	1311	0.14%	0.017%
19	3.230	678	681	683	rBV3	1377	769	0.08%	0.010%
20	3.262	689	691	695	rBV6	1034	791	0.09%	0.010%
21	3.291	698	700	703	rBV4	1550	875	0.09%	0.011%
22	3.327	709	711	714	rVB4	1604	912	0.10%	0.012%
23	3.365	717	723	725	rBV7	1536	1522	0.17%	0.020%
24	3.658	812	814	816	rBV3	1328	815	0.09%	0.010%
25	3.796	848	857	887	rBV	49238	144381	15.66%	1.853%
26	4.259	986	1001	1023	rBV2	129963	334149	36.24%	4.288%
27	4.867	1185	1190	1192	rBV6	1502	1004	0.11%	0.013%
28	4.966	1205	1221	1248	rBV2	287066	769140	83.43%	9.871%
29	5.339	1333	1337	1339	rBV5	1553	1367	0.15%	0.018%
30	5.481	1377	1381	1383	rBV5	1590	1317	0.14%	0.017%
31	5.542	1386	1400	1422	rBV	278155	579058	62.81%	7.432%
32	5.841	1481	1493	1514	rBV	463616	921935	100.00%	11.832%
33	5.998	1531	1542	1561	rVB2	175873	356933	38.72%	4.581%
34	6.809	1790	1794	1799	rVB8	1668	1406	0.15%	0.018%
35	6.921	1818	1829	1844	rBV	90528	167365	18.15%	2.148%
36	7.150	1898	1900	1903	rBV4	1586	892	0.10%	0.011%

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Integration Parameters: LSCINT.P

Integrator: RTE

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

37	7.252	1921	1932	1948	rBV	328483	579880	62.90%	7.442%
38	7.561	2018	2028	2041	rBV2	64847	117125	12.70%	1.503%
39	7.982	2157	2159	2161	rVB3	1697	725	0.08%	0.009%
40	8.034	2165	2175	2191	rBV	164941	307850	33.39%	3.951%
41	8.185	2212	2222	2236	rBV3	79153	139816	15.17%	1.794%
42	8.445	2301	2303	2305	rBV3	1715	970	0.11%	0.012%
43	8.477	2311	2313	2317	rBV4	1752	1073	0.12%	0.014%
44	8.500	2317	2320	2322	rBV4	1528	894	0.10%	0.011%
45	8.590	2346	2348	2349	rBV2	1580	686	0.07%	0.009%
46	8.793	2400	2411	2433	rBV	420571	702059	76.15%	9.010%
47	9.076	2496	2499	2500	rBV3	1557	710	0.08%	0.009%
48	9.104	2506	2508	2512	rVB5	1478	839	0.09%	0.011%
49	9.172	2527	2529	2532	rVB3	1405	839	0.09%	0.011%
50	9.307	2568	2571	2572	rBV3	1520	728	0.08%	0.009%
51	9.320	2572	2575	2577	rVV4	1136	777	0.08%	0.010%
52	9.371	2588	2591	2596	rBV6	1852	1310	0.14%	0.017%
53	9.410	2601	2603	2605	rBV4	1358	719	0.08%	0.009%
54	9.719	2696	2699	2703	rBV5	2003	1361	0.15%	0.017%
55	9.754	2703	2710	2721	rBV3	26041	43499	4.72%	0.558%
56	9.844	2736	2738	2741	rVB4	2325	1055	0.11%	0.014%
57	9.866	2741	2745	2747	rBV6	2224	2100	0.23%	0.027%
58	9.934	2763	2766	2768	rBV3	1639	1152	0.12%	0.015%
59	10.043	2797	2800	2803	rVB4	2397	1484	0.16%	0.019%
60	10.162	2826	2837	2849	rBV	235262	374803	40.65%	4.810%
61	10.426	2917	2919	2923	rVB4	1213	846	0.09%	0.011%
62	10.481	2934	2936	2940	rBV6	2298	1451	0.16%	0.019%
63	10.500	2940	2942	2946	rBV5	1458	949	0.10%	0.012%
64	10.577	2963	2966	2969	rVB5	1471	710	0.08%	0.009%
65	10.651	2986	2989	2993	rBV5	1434	1151	0.12%	0.015%
66	10.670	2993	2995	2998	rVB4	2114	1035	0.11%	0.013%
67	10.686	2998	3000	3004	rBV6	2019	1426	0.15%	0.018%
68	10.767	3022	3025	3026	rVV3	1493	714	0.08%	0.009%
69	10.799	3030	3035	3037	rVB6	1172	831	0.09%	0.011%
70	10.866	3050	3056	3060	rBV7	1627	1955	0.21%	0.025%
71	10.886	3060	3062	3065	rVV3	1200	778	0.08%	0.010%
72	10.966	3082	3087	3089	rBV6	1602	1193	0.13%	0.015%
73	11.040	3107	3110	3115	rVB7	1742	1375	0.15%	0.018%
74	11.098	3115	3128	3143	rBV2	112901	188032	20.40%	2.413%
75	11.194	3147	3158	3175	rVB	446083	711582	77.18%	9.132%
76	11.571	3263	3275	3293	rBV	338931	549206	59.57%	7.049%

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 Title : VOC Analysis

77	11.712	3317	3319	3323	rBV4	1533	875	0.09%	0.011%
78	11.802	3345	3347	3349	rBV3	1385	763	0.08%	0.010%
79	11.873	3367	3369	3373	rBV4	1177	766	0.08%	0.010%
80	12.153	3454	3456	3462	rVB7	2225	1868	0.20%	0.024%
81	12.185	3463	3466	3468	rBV4	1363	707	0.08%	0.009%
82	12.294	3490	3500	3513	rBV	118062	185972	20.17%	2.387%
83	12.731	3635	3636	3639	rBV3	1294	720	0.08%	0.009%
84	12.747	3639	3641	3644	rVB4	1455	769	0.08%	0.010%
85	12.789	3652	3654	3657	rVB3	2044	1114	0.12%	0.014%
86	12.918	3690	3694	3699	rBV8	1815	1578	0.17%	0.020%
87	12.998	3714	3719	3722	rBV6	1306	1194	0.13%	0.015%
88	13.194	3777	3780	3781	rBV3	1413	926	0.10%	0.012%
89	13.320	3817	3819	3822	rBV4	1706	1065	0.12%	0.014%
90	13.339	3822	3825	3827	rVV4	2252	1694	0.18%	0.022%
91	13.387	3830	3840	3849	rVV10	11202	17823	1.93%	0.229%
92	13.571	3895	3897	3898	rBV2	1648	678	0.07%	0.009%
93	13.828	3975	3977	3981	rBV5	1667	774	0.08%	0.010%
94	13.966	4015	4020	4023	rVB7	1294	1328	0.14%	0.017%
95	13.985	4023	4026	4030	rBV6	1948	1503	0.16%	0.019%
96	14.011	4030	4034	4035	rBV3	1754	1035	0.11%	0.013%
97	14.091	4057	4059	4063	rBV4	1784	1432	0.16%	0.018%
98	14.300	4121	4124	4128	rBV6	1724	1372	0.15%	0.018%
99	14.612	4219	4221	4223	rBV3	2085	704	0.08%	0.009%
100	14.661	4233	4236	4241	rBV6	2275	2506	0.27%	0.032%

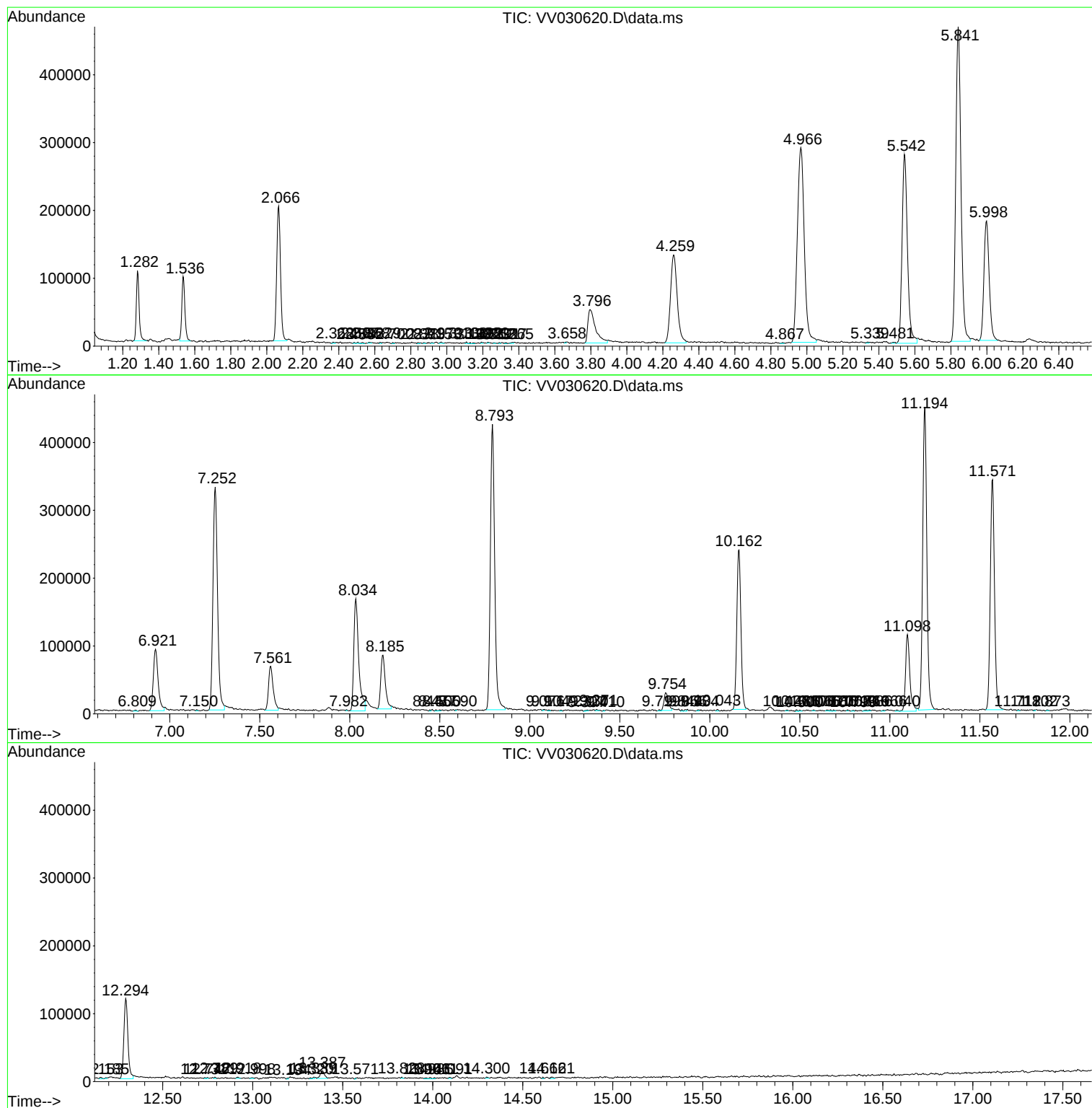
Sum of corrected areas: 7791756

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Instrument :
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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
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Instrument :
MSVOA_V
ClientSampleId :
C0AP2

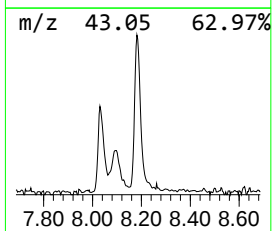
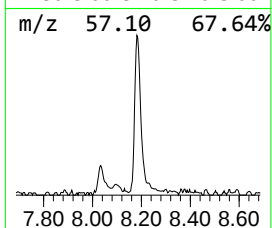
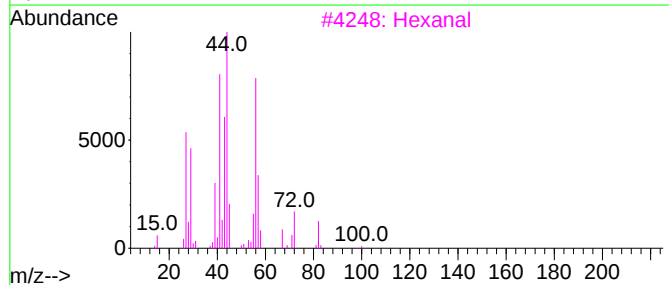
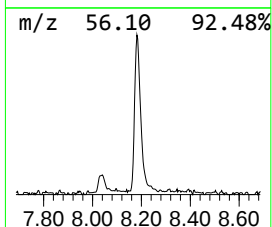
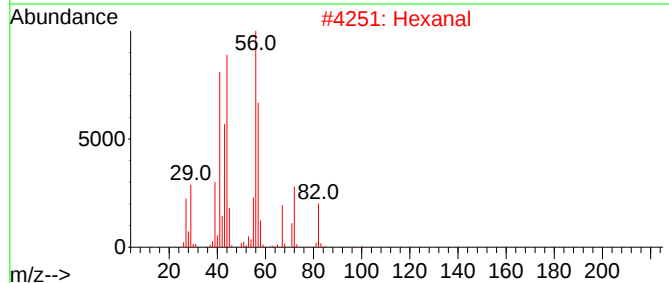
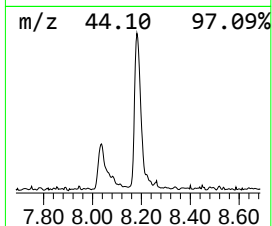
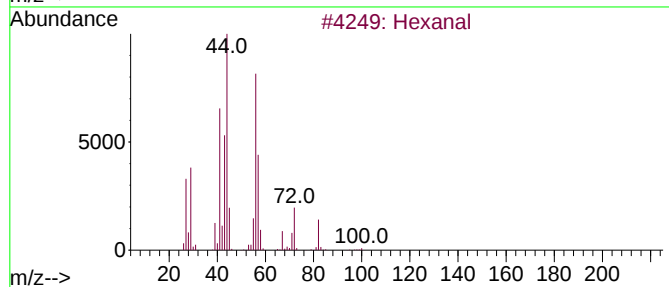
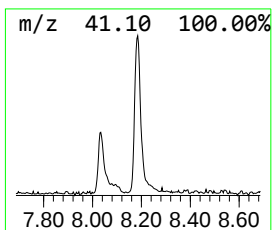
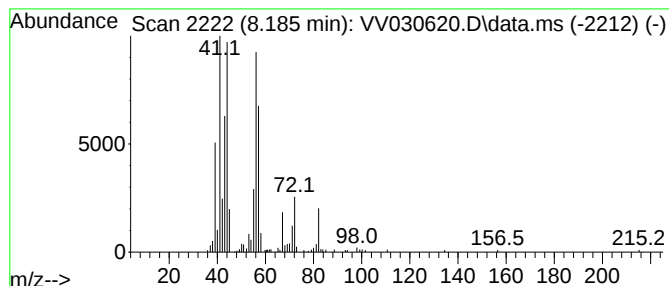
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	9.96 ug/L	139816	Chlorobenzene-d5	8.793

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	53



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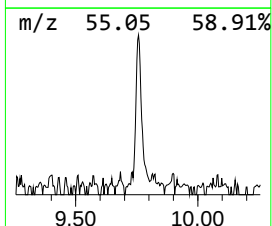
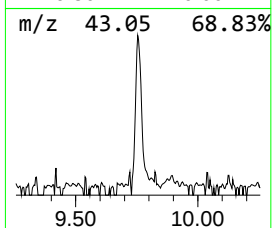
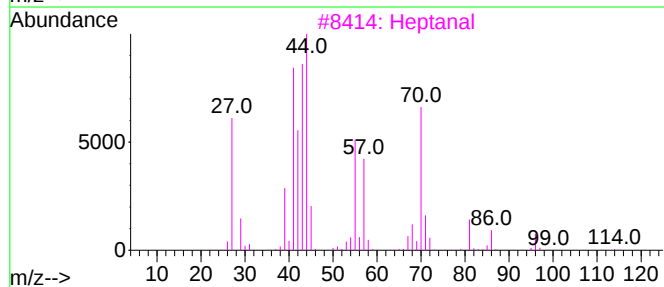
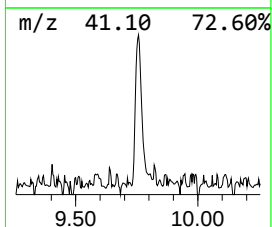
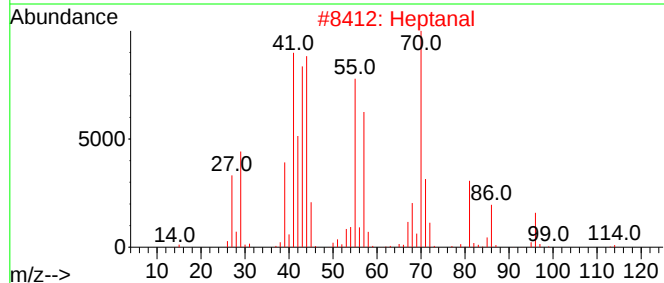
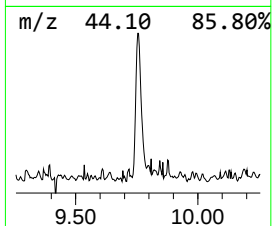
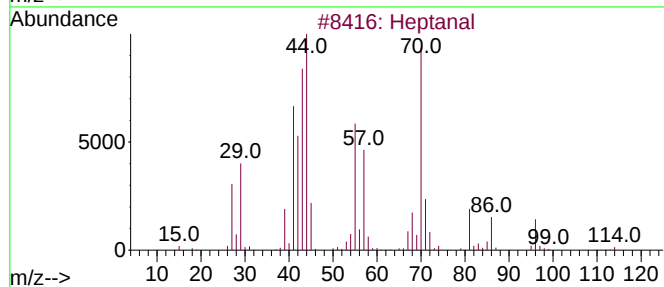
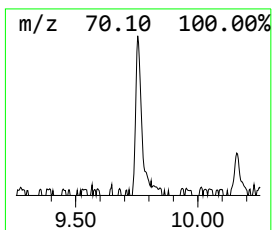
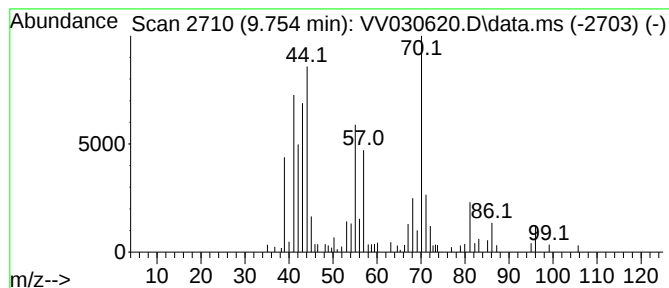
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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.
9.754	3.10 ug/L	43499	Chlorobenzene-d5	8.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	86
2	Heptanal			114	C7H14O	000111-71-7	86
3	Heptanal			114	C7H14O	000111-71-7	53
4	Heptanal			114	C7H14O	000111-71-7	53
5	Heptanal			114	C7H14O	000111-71-7	53



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Instrument :
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ClientSampleId :
C0AP2

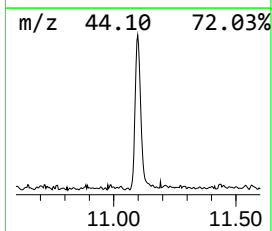
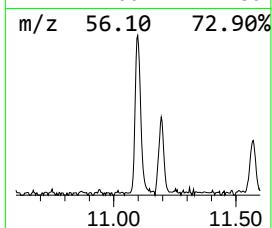
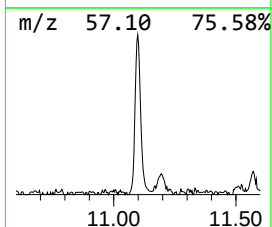
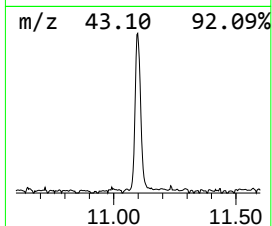
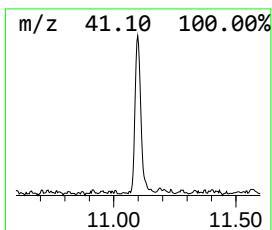
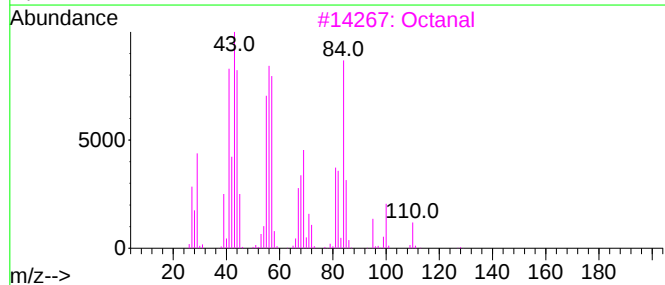
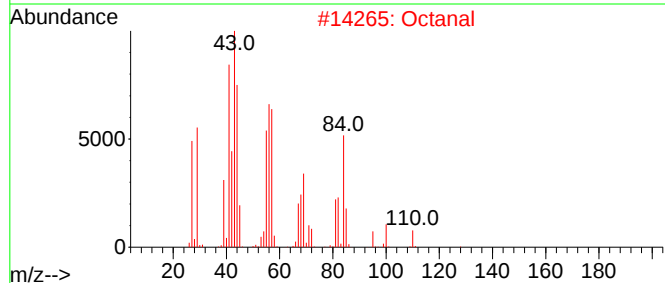
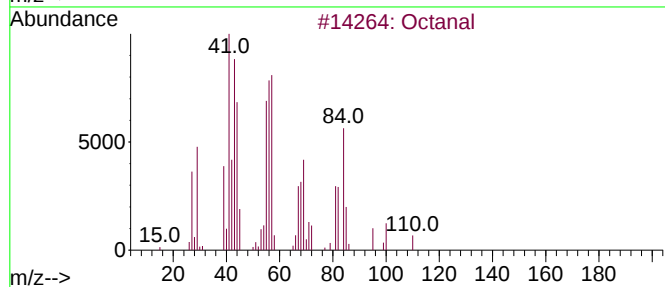
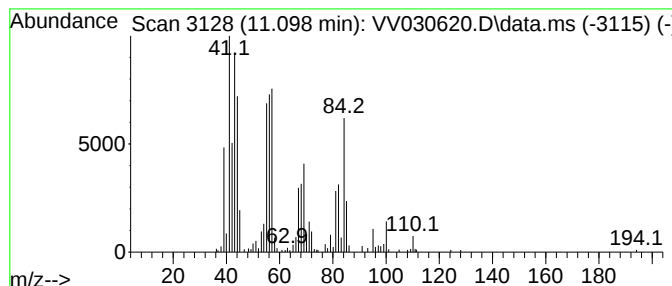
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	13.21 ug/L	188032	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	91
3	Octanal			128	C8H16O	000124-13-0	91
4	Octanal			128	C8H16O	000124-13-0	90
5	Cyclopentanol, 2-methyl-, trans-			100	C6H12O	025144-04-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030620.D
Acq On : 18 Apr 2023 16:17
Operator : SY/MD
Sample : 02360-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP2

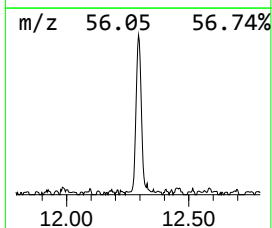
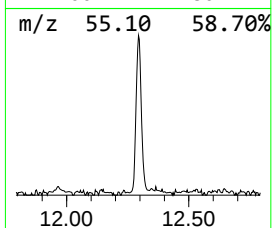
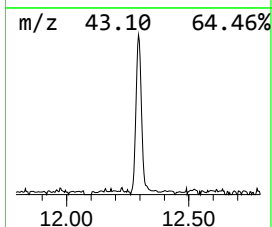
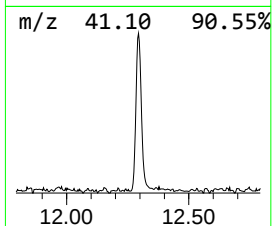
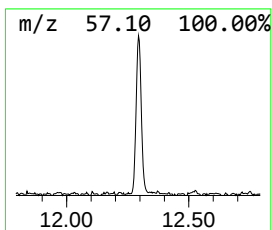
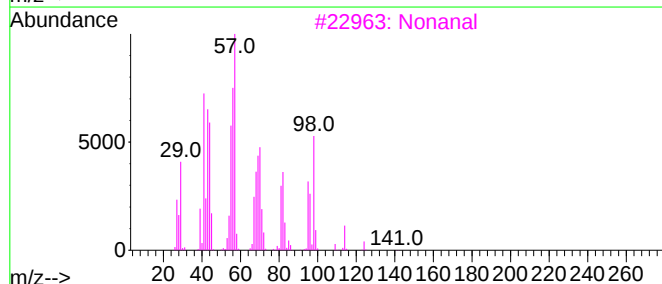
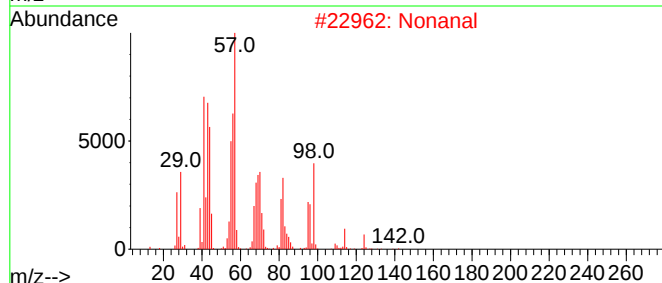
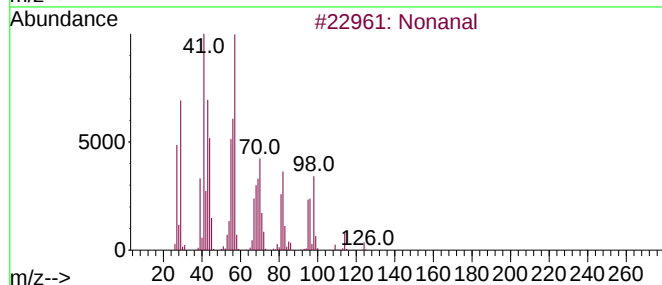
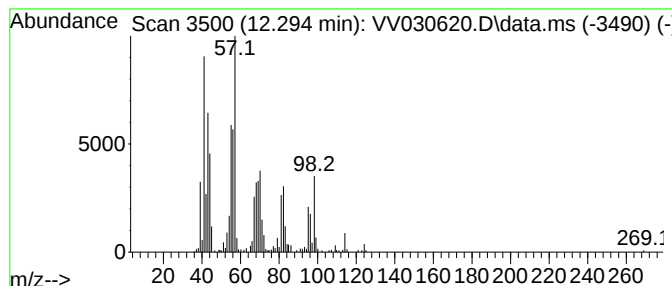
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Quant Title : VOC Analysis

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	13.07 ug/L	185972	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	90
5	Cyclohexanol, 2-methyl-, cis-			114	C7H14O	007443-70-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030620.D
Acq On : 18 Apr 2023 16:17
Operator : SY/MD
Sample : 02360-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 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	10.0	ug/L	139816	2	8.793	702059	50.0
Heptanal	9.754	3.1	ug/L	43499	2	8.793	702059	50.0
Octanal	11.098	13.2	ug/L	188032	3	11.194	711582	50.0
Nonanal	12.294	13.1	ug/L	185972	3	11.194	711582	50.0