

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036178.D
 Acq On : 20 Jun 2024 22:04
 Operator : SY/MD
 Sample : P2960-10
 Misc : 5.29g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB03

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\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	65	72	85	rBV	268458	300881	17.89%	2.065%
2	1.526	144	151	170	rVB	202941	242407	14.42%	1.664%
3	2.050	303	314	332	rVB	412499	613775	36.50%	4.212%
4	2.442	423	436	460	rBV	130223	228649	13.60%	1.569%
5	2.629	488	494	497	rBV4	536	595	0.04%	0.004%
6	2.696	507	515	518	rBV7	1646	2341	0.14%	0.016%
7	2.751	530	532	537	rVB3	459	375	0.02%	0.003%
8	2.883	570	573	577	rBV4	366	336	0.02%	0.002%
9	2.963	586	598	619	rVV3	17502	36711	2.18%	0.252%
10	3.307	702	705	707	rVB2	579	335	0.02%	0.002%
11	3.609	795	799	801	rBV	556	346	0.02%	0.002%
12	3.680	816	821	823	rBV3	623	572	0.03%	0.004%
13	3.812	844	862	895	rBV2	263285	717477	42.67%	4.924%
14	4.243	979	996	1029	rBV	269539	714994	42.52%	4.907%
15	4.674	1126	1130	1135	rBV5	634	688	0.04%	0.005%
16	4.950	1200	1216	1256	rBV2	647654	1681552	100.00%	11.541%
17	5.342	1336	1338	1342	rVB4	572	386	0.02%	0.003%
18	5.374	1345	1348	1352	rBV4	637	541	0.03%	0.004%
19	5.407	1354	1358	1359	rBV2	648	415	0.02%	0.003%
20	5.436	1364	1367	1371	rVB5	524	463	0.03%	0.003%
21	5.458	1371	1374	1380	rBV3	546	557	0.03%	0.004%
22	5.529	1385	1396	1436	rBV	502794	1057320	62.88%	7.256%
23	5.828	1476	1489	1519	rBV5	53739	138990	8.27%	0.954%
24	5.985	1525	1538	1568	rBV	378849	791611	47.08%	5.433%
25	6.133	1582	1584	1587	rVB4	832	417	0.02%	0.003%
26	6.233	1607	1615	1627	rBV6	9114	20868	1.24%	0.143%
27	6.452	1679	1683	1684	rBV3	858	642	0.04%	0.004%
28	6.477	1688	1691	1695	rVV4	700	611	0.04%	0.004%
29	6.538	1707	1710	1714	rBV3	493	344	0.02%	0.002%
30	6.609	1730	1732	1736	rVV2	408	390	0.02%	0.003%
31	6.632	1736	1739	1743	rVV4	525	465	0.03%	0.003%
32	6.744	1770	1774	1777	rVB3	558	368	0.02%	0.003%
33	6.866	1807	1812	1815	rVB3	483	369	0.02%	0.003%
34	6.911	1815	1826	1856	rBV	176382	344706	20.50%	2.366%
35	7.188	1909	1912	1913	rBV2	720	489	0.03%	0.003%
36	7.239	1917	1928	1955	rBV	734666	1315041	78.20%	9.025%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	7.497	2005	2008	2009	rBV3	1040	555	0.03%	0.004%
38	7.551	2016	2025	2057	rBV	114888	219537	13.06%	1.507%
39	7.905	2113	2135	2157	rBV2	74411	176443	10.49%	1.211%
40	8.030	2164	2174	2206	rBV	146721	327700	19.49%	2.249%
41	8.172	2209	2218	2258	rVB	274499	512852	30.50%	3.520%
42	8.609	2350	2354	2357	rVB3	881	716	0.04%	0.005%
43	8.628	2357	2360	2363	rBV2	602	473	0.03%	0.003%
44	8.783	2397	2408	2439	rBV	837543	1376699	81.87%	9.448%
45	9.008	2471	2478	2490	rVB	5626	8594	0.51%	0.059%
46	9.053	2490	2492	2495	rBV4	624	381	0.02%	0.003%
47	9.098	2503	2506	2508	rBV3	937	611	0.04%	0.004%
48	9.191	2532	2535	2536	rBV	636	365	0.02%	0.003%
49	9.223	2541	2545	2548	rBV3	565	440	0.03%	0.003%
50	9.259	2554	2556	2559	rVB4	665	353	0.02%	0.002%
51	9.484	2623	2626	2629	rBV3	574	348	0.02%	0.002%
52	9.513	2629	2635	2637	rBV4	462	489	0.03%	0.003%
53	9.641	2668	2675	2678	rVB4	517	677	0.04%	0.005%
54	9.667	2678	2683	2685	rBV5	556	482	0.03%	0.003%
55	9.696	2685	2692	2694	rBV3	992	831	0.05%	0.006%
56	9.754	2701	2710	2730	rBV4	18771	39796	2.37%	0.273%
57	9.892	2743	2753	2766	rBV9	5370	10200	0.61%	0.070%
58	10.027	2793	2795	2799	rBV3	525	355	0.02%	0.002%
59	10.152	2822	2834	2858	rBV	320235	519589	30.90%	3.566%
60	10.323	2877	2887	2900	rVV	55651	91331	5.43%	0.627%
61	10.455	2924	2928	2930	rBV2	554	456	0.03%	0.003%
62	10.516	2945	2947	2950	rVV4	757	568	0.03%	0.004%
63	10.622	2977	2980	2987	rVV6	728	1003	0.06%	0.007%
64	10.654	2987	2990	2992	rVV3	618	477	0.03%	0.003%
65	10.667	2992	2994	3001	rVV4	1112	1379	0.08%	0.009%
66	10.815	3034	3040	3041	rVV4	1315	1109	0.07%	0.008%
67	10.860	3050	3054	3058	rVB4	747	592	0.04%	0.004%
68	11.008	3095	3100	3105	rBV6	1213	1429	0.08%	0.010%
69	11.091	3114	3126	3144	rBV2	81925	156369	9.30%	1.073%
70	11.181	3144	3154	3177	rVV	890587	1375482	81.80%	9.440%
71	11.484	3240	3248	3260	rBV2	22119	46041	2.74%	0.316%
72	11.557	3261	3271	3292	rVB	755173	1173174	69.77%	8.052%
73	11.718	3318	3321	3323	rBV4	1481	1224	0.07%	0.008%
74	11.979	3393	3402	3420	rVB4	3537	9235	0.55%	0.063%
75	12.046	3420	3423	3428	rBV5	735	557	0.03%	0.004%
76	12.191	3459	3468	3481	rVB2	21287	36097	2.15%	0.248%

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77	12.284	3487	3497	3516	rBV	96110	165799	9.86%	1.138%
78	12.506	3561	3566	3579	rVB	6858	9194	0.55%	0.063%
79	12.583	3587	3590	3595	rVB4	1127	933	0.06%	0.006%
80	12.728	3632	3635	3640	rVB6	1196	847	0.05%	0.006%
81	12.792	3650	3655	3659	rBV6	1454	1611	0.10%	0.011%
82	12.828	3659	3666	3675	rVB6	7602	10091	0.60%	0.069%
83	13.381	3830	3838	3856	rBV9	10876	21842	1.30%	0.150%
84	13.622	3907	3913	3925	rVB10	3536	5160	0.31%	0.035%
85	13.840	3975	3981	3993	rVB2	9603	13357	0.79%	0.092%
86	13.934	4008	4010	4014	rBV3	844	529	0.03%	0.004%
87	13.982	4016	4025	4035	rVV	11129	17246	1.03%	0.118%
88	14.461	4171	4174	4178	rBV5	903	622	0.04%	0.004%
89	14.499	4183	4186	4191	rBV5	1127	1227	0.07%	0.008%
90	14.593	4210	4215	4216	rBV4	1163	958	0.06%	0.007%
91	14.635	4226	4228	4230	rBV2	643	358	0.02%	0.002%
92	14.699	4246	4248	4250	rBV2	873	520	0.03%	0.004%
93	14.760	4261	4267	4270	rBV6	2465	3437	0.20%	0.024%
94	14.824	4284	4287	4290	rBV3	943	705	0.04%	0.005%
95	14.885	4303	4306	4308	rBV3	1120	837	0.05%	0.006%
96	14.927	4316	4319	4320	rBV2	901	554	0.03%	0.004%
97	15.020	4345	4348	4352	rBV4	1044	1046	0.06%	0.007%
98	15.043	4353	4355	4357	rBV3	895	531	0.03%	0.004%
99	15.110	4374	4376	4379	rBV4	938	583	0.03%	0.004%
100	15.532	4505	4507	4510	rBV3	1133	835	0.05%	0.006%

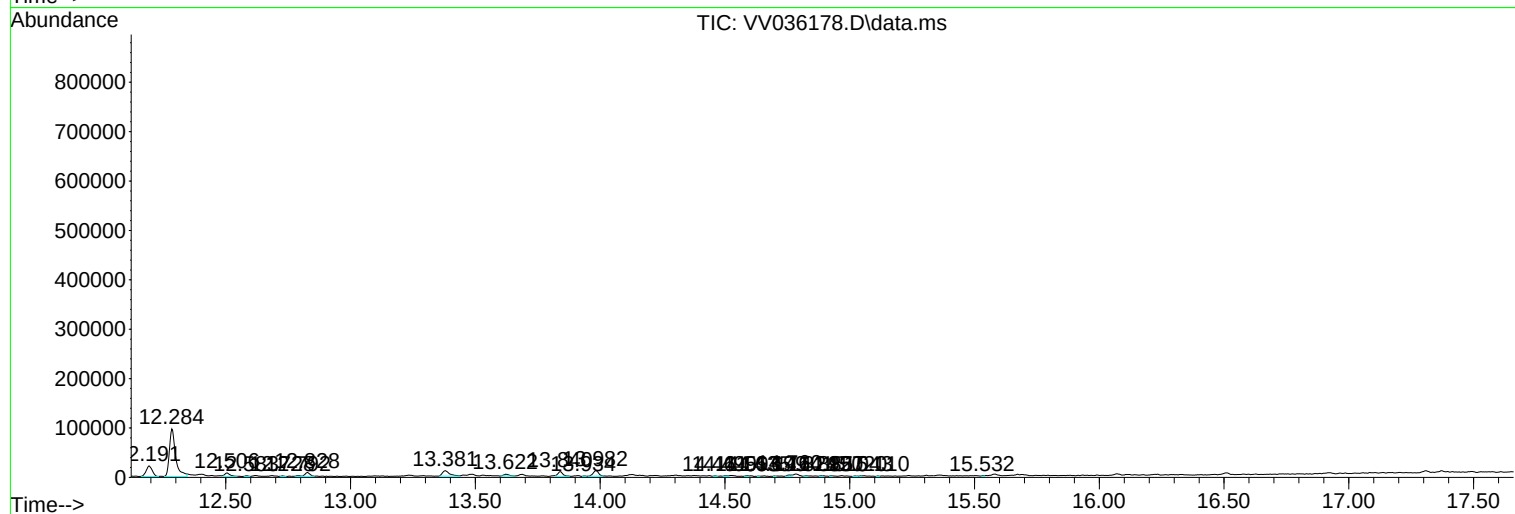
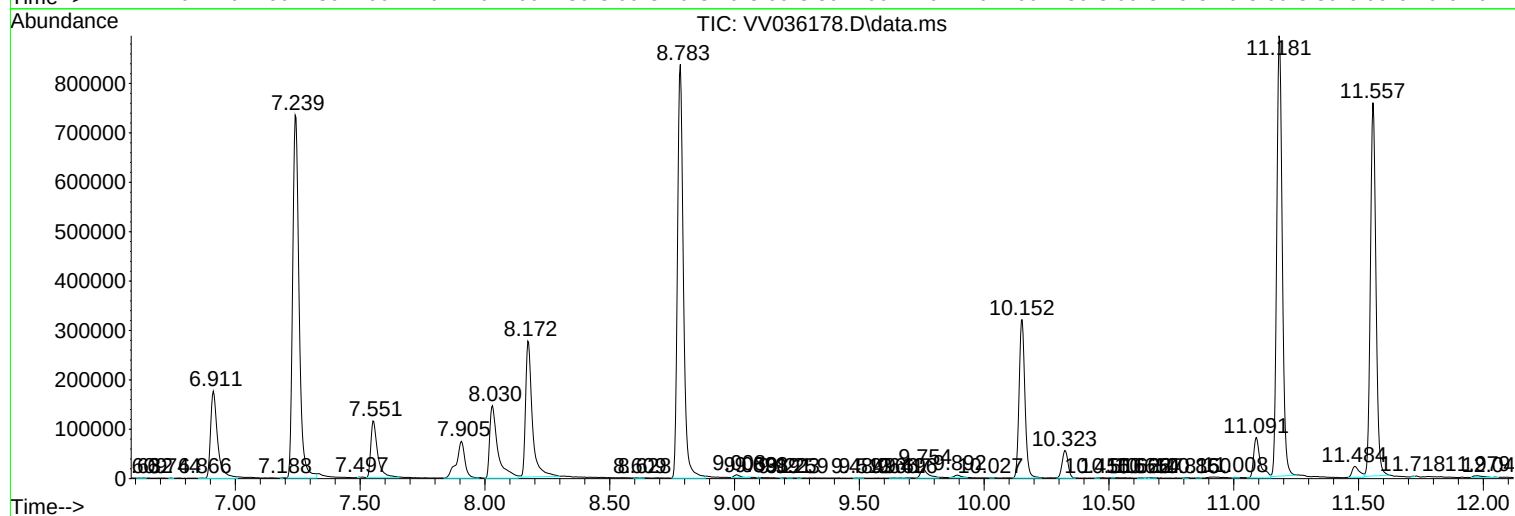
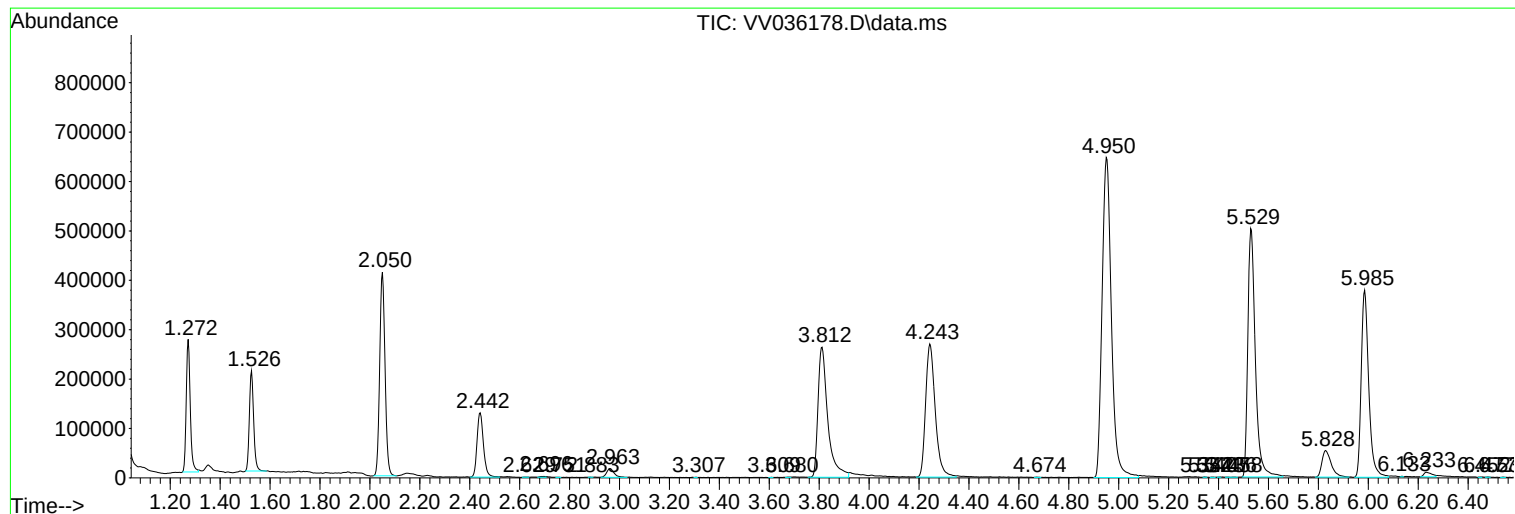
Sum of corrected areas: 14570858

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



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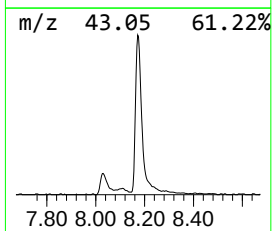
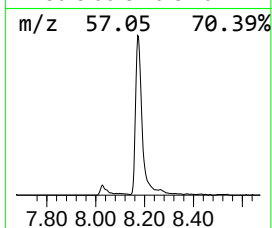
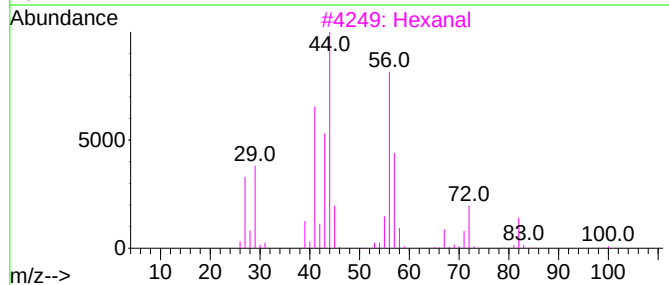
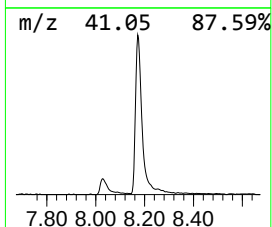
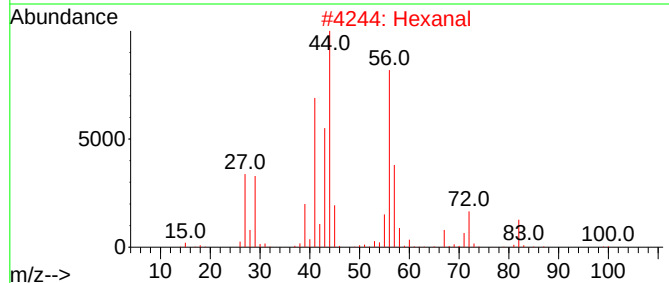
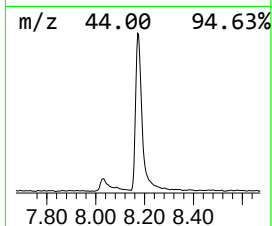
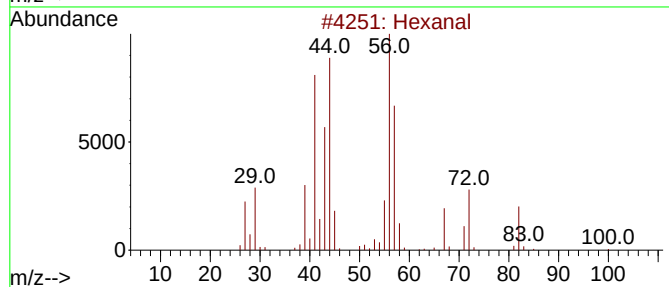
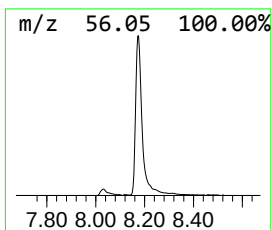
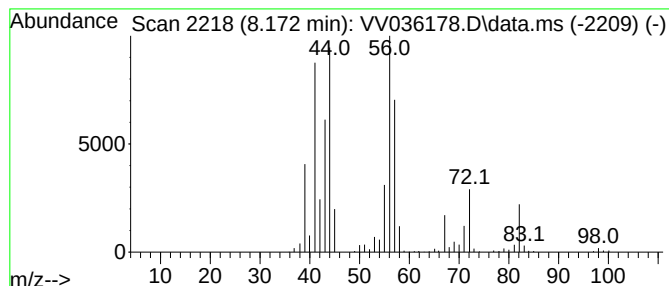
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.172	9.31 ug/L	512852	Chlorobenzene-d5	8.783

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	74
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	59



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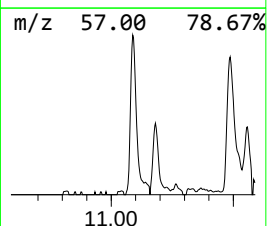
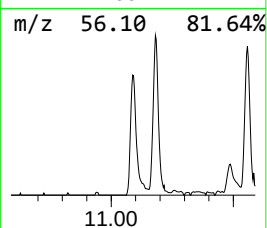
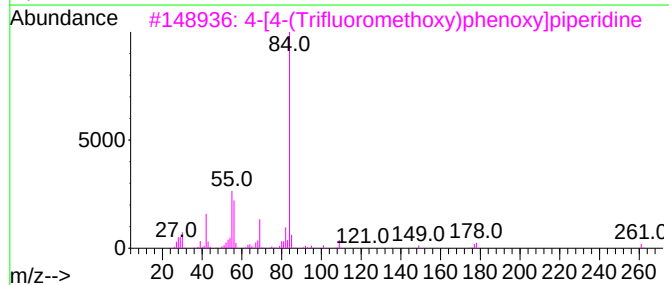
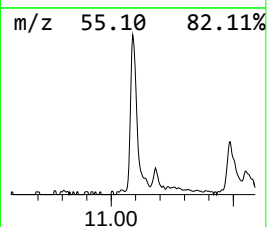
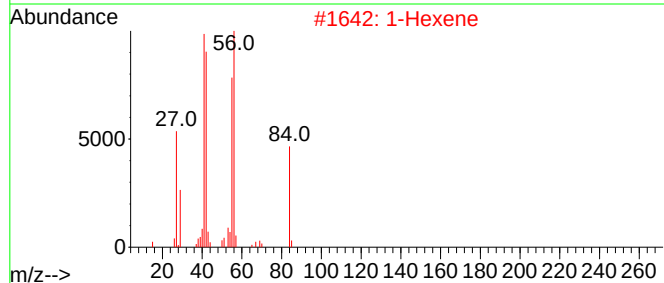
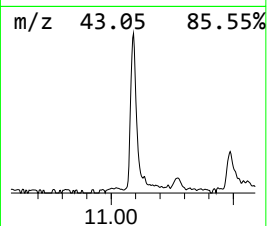
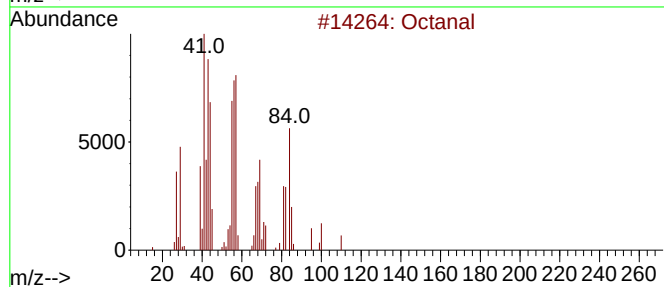
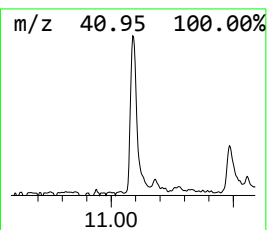
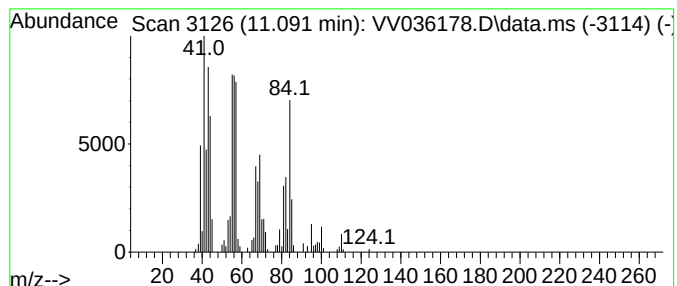
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.091	2.84 ug/L	156369	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	86
2	1-Hexene			84	C6H12	000592-41-6	38
3	4-[4-(Trifluoromethoxy)phenoxy]p...			261	C12H14F3NO2	287952-67-4	38
4	2(3H)-Furanone, dihydro-3-methyl-			100	C5H8O2	001679-47-6	30
5	Cycloheptane			98	C7H14	000291-64-5	27



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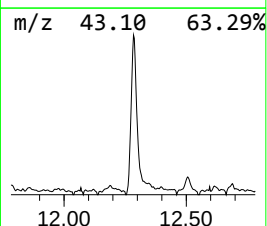
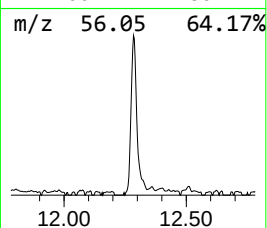
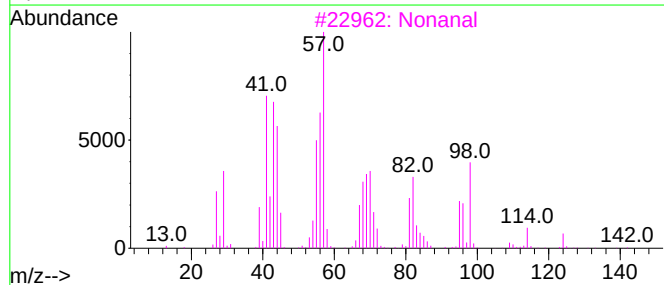
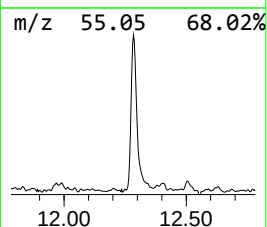
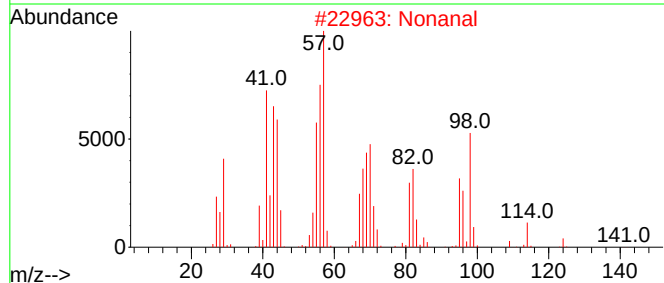
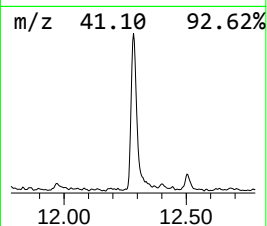
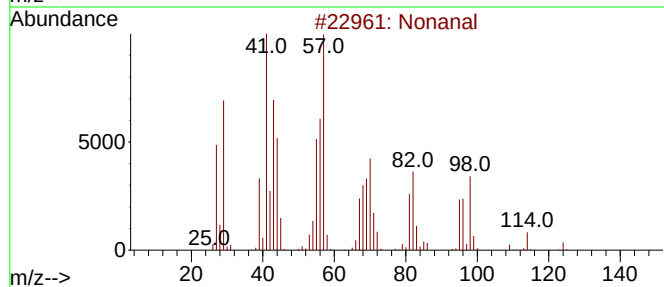
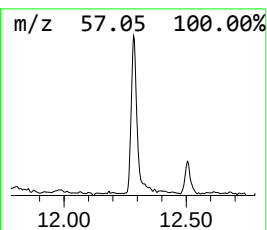
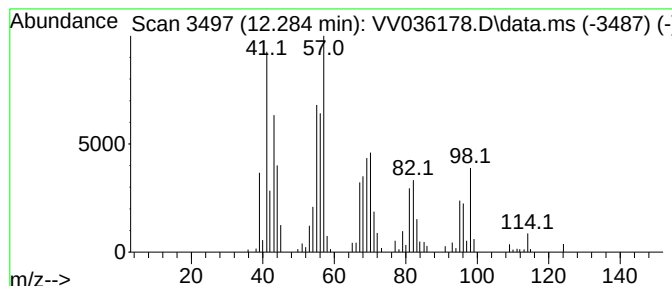
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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.
12.284	3.01 ug/L	165799	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			Nonanal	142	C9H18O	000124-19-6	90
3			Nonanal	142	C9H18O	000124-19-6	72
4			Cycloheptane	98	C7H14	000291-64-5	43
5			Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036178.D
Acq On : 20 Jun 2024 22:04
Operator : SY/MD
Sample : P2960-10
Misc : 5.29g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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	8.172	9.3	ug/L	512852	2	8.783	1376700	25.0
Octanal	11.091	2.8	ug/L	156369	3	11.185	1375480	25.0
Nonanal	12.284	3.0	ug/L	165799	3	11.185	1375480	25.0