

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036053.D
 Acq On : 13 Jun 2024 11:28
 Operator : SY/MD
 Sample : P2850-10
 Misc : 5.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB11

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: VV036053.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	66	72	90	rVB	295270	321321	4.36%	1.371%
2	1.526	144	151	165	rVB	235510	280387	3.80%	1.196%
3	2.053	305	315	338	rVB	475750	715973	9.71%	3.055%
4	2.442	423	436	459	rBV	166587	289295	3.92%	1.234%
5	2.693	507	514	529	rVB5	3953	7543	0.10%	0.032%
6	2.770	534	538	543	rVB4	728	755	0.01%	0.003%
7	2.873	567	570	571	rBV2	595	369	0.01%	0.002%
8	2.963	586	598	612	rBV4	15969	32411	0.44%	0.138%
9	3.108	635	643	644	rBV6	3897	4108	0.06%	0.018%
10	3.146	654	655	658	rVB	624	277	0.00%	0.001%
11	3.182	661	666	669	rVB3	629	573	0.01%	0.002%
12	3.490	761	762	768	rVB2	484	399	0.01%	0.002%
13	3.571	785	787	791	rVB2	367	265	0.00%	0.001%
14	3.680	817	821	822	rBV2	959	676	0.01%	0.003%
15	3.806	844	860	914	rBV	3074641	7373172	100.00%	31.463%
16	4.243	981	996	1035	rBV2	293016	769049	10.43%	3.282%
17	4.523	1078	1083	1085	rBV4	781	702	0.01%	0.003%
18	4.584	1097	1102	1105	rBV6	864	937	0.01%	0.004%
19	4.661	1123	1126	1129	rBV2	649	337	0.00%	0.001%
20	4.760	1153	1157	1161	rBV4	506	407	0.01%	0.002%
21	4.783	1161	1164	1169	rBV4	570	580	0.01%	0.002%
22	4.950	1201	1216	1264	rBV2	716248	1863101	25.27%	7.950%
23	5.529	1385	1396	1428	rBV	458054	978075	13.27%	4.174%
24	5.831	1476	1490	1518	rBV2	110109	267376	3.63%	1.141%
25	5.985	1525	1538	1571	rBV	414582	868854	11.78%	3.708%
26	6.275	1618	1628	1632	rBV7	2354	4299	0.06%	0.018%
27	6.494	1694	1696	1699	rBV3	510	339	0.00%	0.001%
28	6.551	1708	1714	1715	rBV2	517	400	0.01%	0.002%
29	6.731	1766	1770	1774	rVB3	511	384	0.01%	0.002%
30	6.773	1779	1783	1785	rBV2	381	278	0.00%	0.001%
31	6.834	1798	1802	1804	rBV	293	257	0.00%	0.001%
32	6.911	1815	1826	1861	rBV	168018	345920	4.69%	1.476%
33	7.239	1917	1928	1967	rBV	768709	1393527	18.90%	5.946%
34	7.555	2016	2026	2050	rBV	113498	220693	2.99%	0.942%
35	7.783	2095	2097	2099	rVB2	535	232	0.00%	0.001%
36	7.815	2105	2107	2111	rBV2	348	274	0.00%	0.001%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Peak Location: TOP

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

37	7.902	2112	2134	2157	rBV	1427391	2428546	32.94%	10.363%
38	8.030	2166	2174	2212	rBV	169277	378610	5.13%	1.616%
39	8.185	2216	2222	2244	rVB4	18576	40154	0.54%	0.171%
40	8.423	2294	2296	2299	rVB3	671	351	0.00%	0.001%
41	8.455	2304	2306	2309	rVB3	778	463	0.01%	0.002%
42	8.493	2316	2318	2321	rBV3	506	351	0.00%	0.001%
43	8.561	2336	2339	2340	rBV2	601	377	0.01%	0.002%
44	8.600	2347	2351	2355	rVB3	541	593	0.01%	0.003%
45	8.728	2386	2391	2396	rVB7	783	788	0.01%	0.003%
46	8.783	2396	2408	2430	rBV	780265	1294952	17.56%	5.526%
47	9.008	2471	2478	2486	rBV2	7379	11130	0.15%	0.047%
48	9.159	2522	2525	2528	rBV3	476	410	0.01%	0.002%
49	9.326	2575	2577	2584	rVB3	515	361	0.00%	0.002%
50	9.358	2584	2587	2591	rBV2	407	315	0.00%	0.001%
51	9.416	2602	2605	2607	rBV3	301	241	0.00%	0.001%
52	9.474	2621	2623	2627	rBV3	446	374	0.01%	0.002%
53	9.497	2627	2630	2631	rBV2	382	224	0.00%	0.001%
54	9.529	2637	2640	2645	rVB3	597	357	0.00%	0.002%
55	9.554	2646	2648	2651	rBV	485	245	0.00%	0.001%
56	9.571	2651	2653	2657	rVV3	491	296	0.00%	0.001%
57	9.648	2674	2677	2681	rVB2	394	277	0.00%	0.001%
58	9.670	2682	2684	2687	rVB2	387	213	0.00%	0.001%
59	9.693	2687	2691	2695	rBV2	395	278	0.00%	0.001%
60	9.712	2695	2697	2701	rVB3	435	244	0.00%	0.001%
61	9.754	2701	2710	2731	rBV3	19118	42844	0.58%	0.183%
62	9.915	2757	2760	2764	rBV5	634	538	0.01%	0.002%
63	10.024	2792	2794	2798	rVB3	711	498	0.01%	0.002%
64	10.062	2802	2806	2809	rBV5	517	545	0.01%	0.002%
65	10.098	2813	2817	2819	rVV5	578	464	0.01%	0.002%
66	10.149	2822	2833	2858	rVV	374442	593340	8.05%	2.532%
67	10.323	2877	2887	2899	rVB2	41109	67430	0.91%	0.288%
68	10.394	2905	2909	2914	rVB4	525	507	0.01%	0.002%
69	10.442	2919	2924	2928	rBV5	386	393	0.01%	0.002%
70	10.474	2928	2934	2935	rBV5	782	653	0.01%	0.003%
71	10.487	2935	2938	2941	rVV5	938	647	0.01%	0.003%
72	10.516	2944	2947	2955	rVB8	1257	1566	0.02%	0.007%
73	10.654	2988	2990	2997	rVB2	599	547	0.01%	0.002%
74	10.693	2997	3002	3010	rBV6	677	1086	0.01%	0.005%
75	10.770	3024	3026	3029	rBV2	696	445	0.01%	0.002%
76	10.943	3070	3080	3083	rBV4	899	1085	0.01%	0.005%

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Integration Parameters: LSCINT.P

Integrator: RTE

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

77	10.966	3083	3087	3091	rBV4	877	893	0.01%	0.004%
78	11.011	3095	3101	3104	rBV5	943	1290	0.02%	0.006%
79	11.030	3104	3107	3109	rBV	796	571	0.01%	0.002%
80	11.091	3117	3126	3143	rBV	55311	95909	1.30%	0.409%
81	11.181	3144	3154	3177	rVV	789478	1220690	16.56%	5.209%
82	11.439	3231	3234	3240	rVB7	1632	1665	0.02%	0.007%
83	11.490	3241	3250	3260	rBV4	21154	44323	0.60%	0.189%
84	11.558	3260	3271	3299	rVB	801893	1281379	17.38%	5.468%
85	12.194	3461	3469	3481	rVB2	12885	20215	0.27%	0.086%
86	12.284	3489	3497	3518	rBV2	50542	90134	1.22%	0.385%
87	12.580	3585	3589	3591	rBV5	1281	1119	0.02%	0.005%
88	12.667	3614	3616	3619	rBV4	755	512	0.01%	0.002%
89	12.828	3659	3666	3674	rVB2	7407	9973	0.14%	0.043%
90	12.937	3697	3700	3703	rVB3	1122	640	0.01%	0.003%
91	13.021	3722	3726	3730	rBV5	849	803	0.01%	0.003%
92	13.050	3733	3735	3736	rBV2	661	318	0.00%	0.001%
93	13.172	3770	3773	3774	rBV2	530	281	0.00%	0.001%
94	13.220	3777	3788	3789	rBV6	2458	3617	0.05%	0.015%
95	13.384	3832	3839	3849	rBV7	5130	9447	0.13%	0.040%
96	13.689	3928	3934	3942	rVB10	2773	4043	0.05%	0.017%
97	13.840	3974	3981	3989	rVB5	9792	13539	0.18%	0.058%
98	13.982	4019	4025	4035	rVB2	6214	9302	0.13%	0.040%
99	14.628	4222	4226	4231	rBV6	750	896	0.01%	0.004%
100	14.783	4270	4274	4282	rVB5	5195	6775	0.09%	0.029%

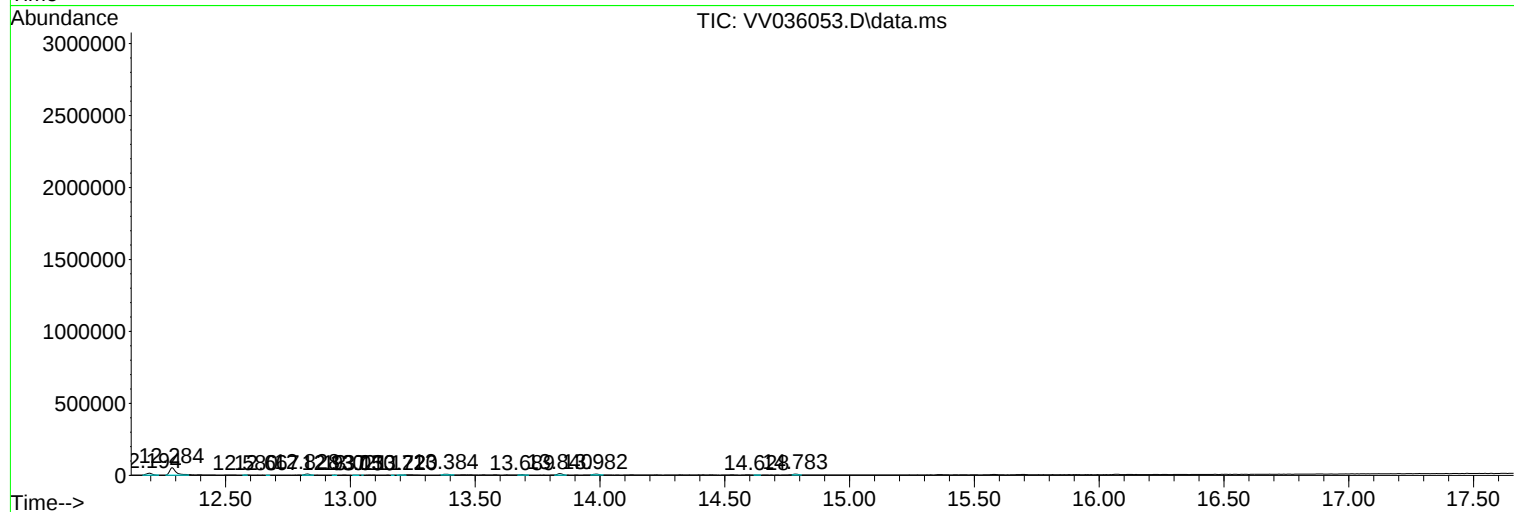
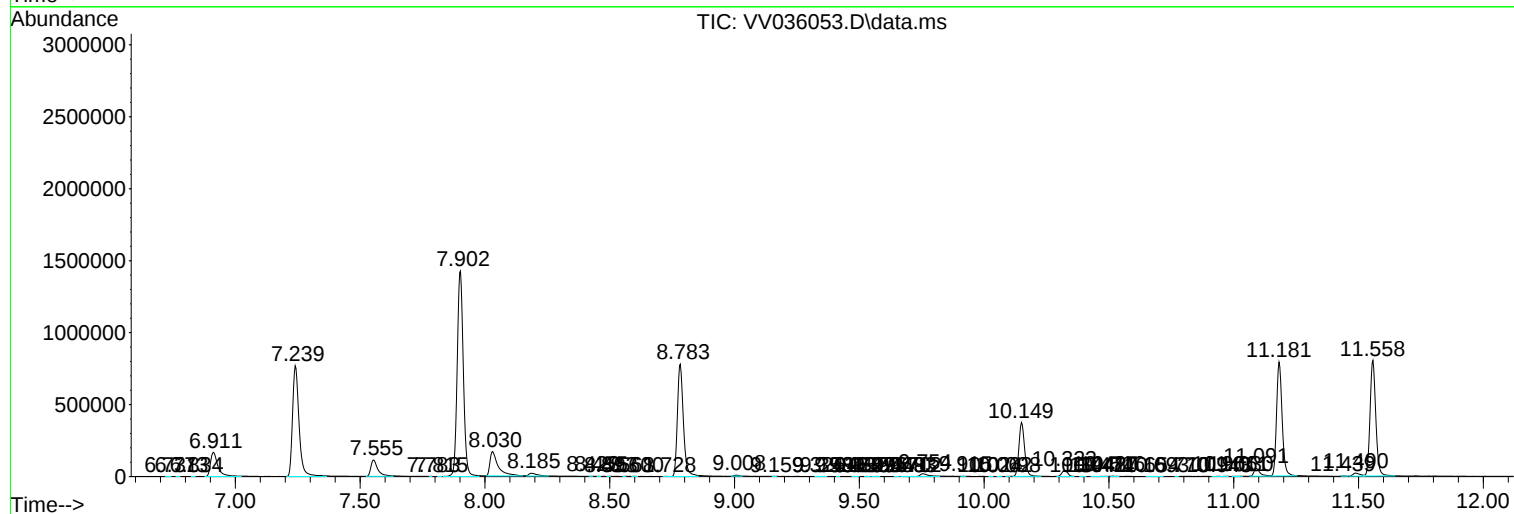
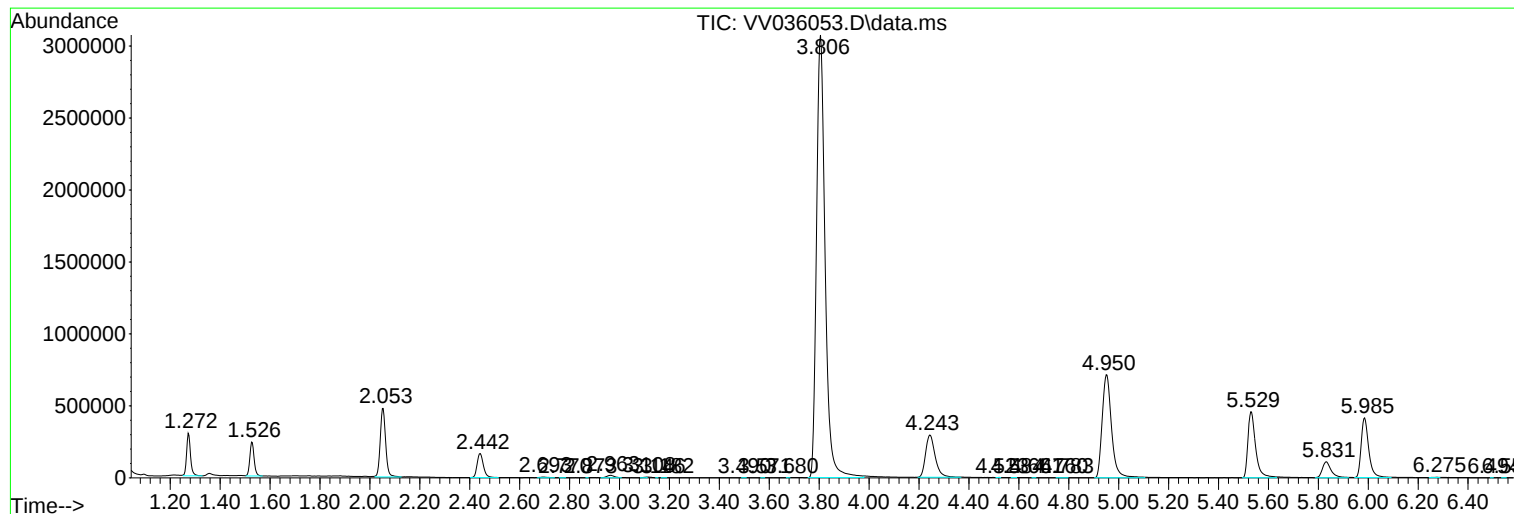
Sum of corrected areas: 23434617

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ALS Vial : 8 Sample Multiplier: 1

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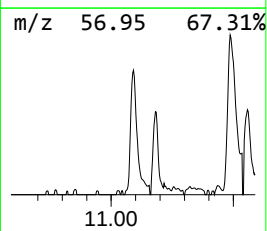
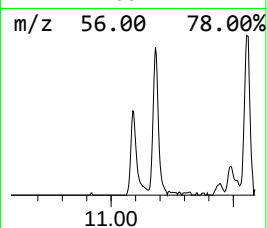
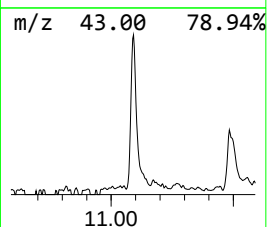
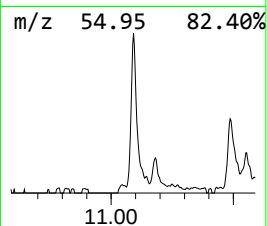
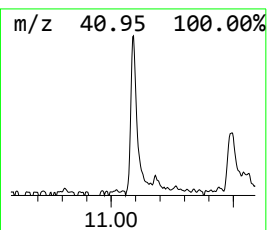
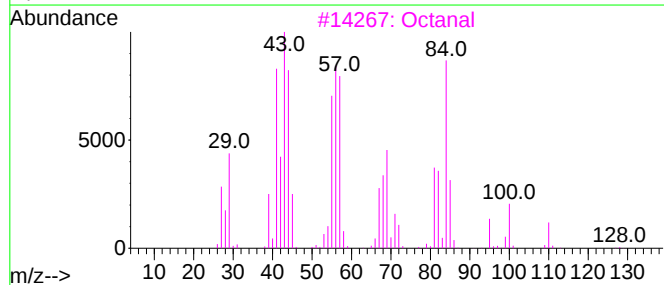
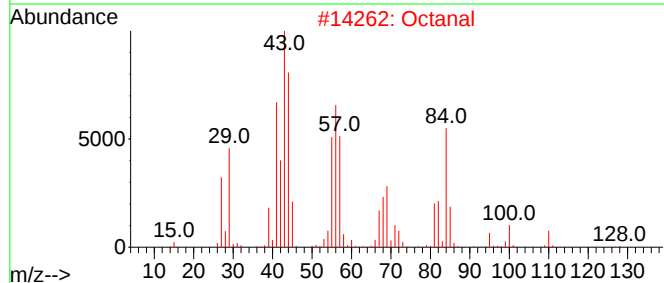
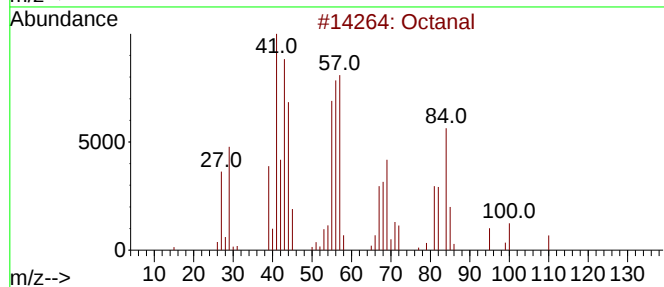
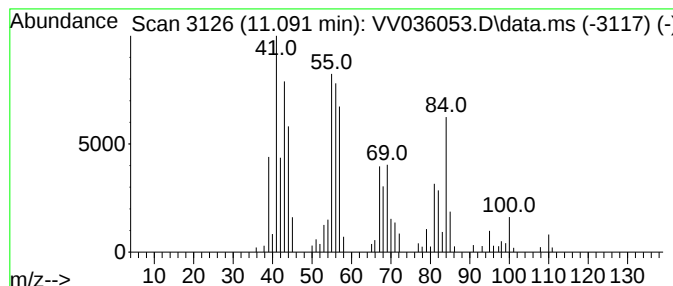
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.091	1.96 ug/L	95909	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	86
2	Octanal			128	C8H16O	000124-13-0	64
3	Octanal			128	C8H16O	000124-13-0	58
4	Octanal			128	C8H16O	000124-13-0	53
5	Cyclopropane, 1-ethyl-1-methyl-			84	C6H12	053778-43-1	43



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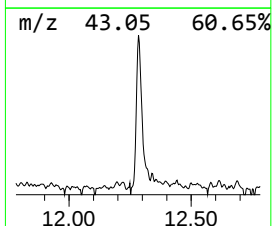
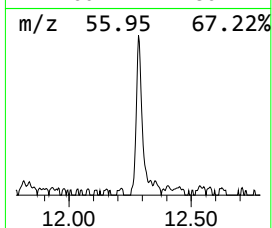
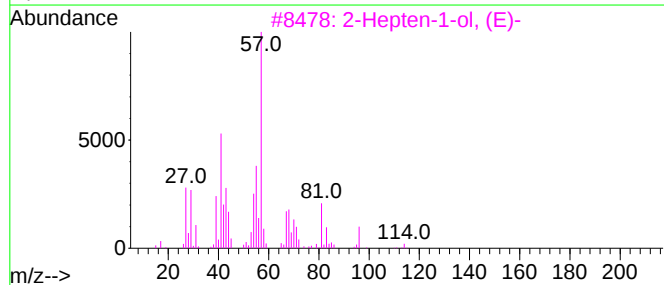
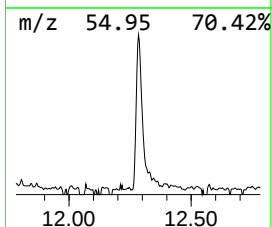
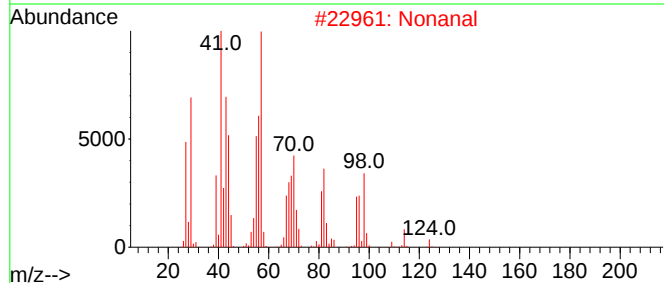
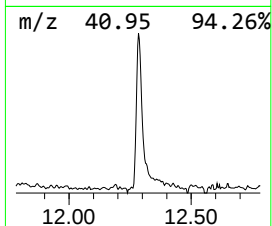
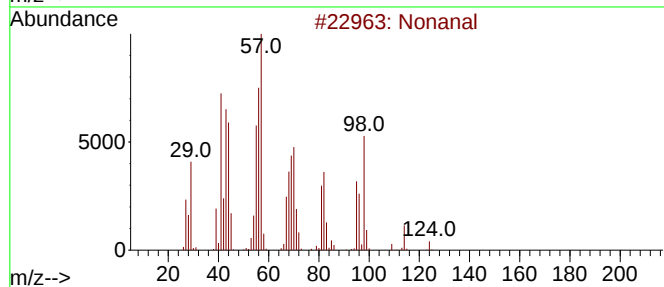
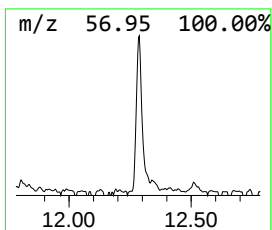
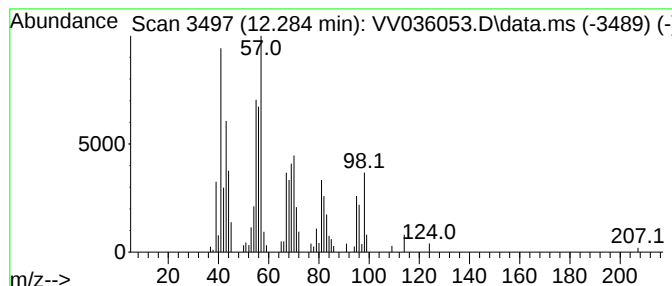
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	1.85 ug/L	90134	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	80
2			Nonanal	142	C9H18O	000124-19-6	64
3			2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	45
4			Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	30
5			Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	30



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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
Octanal	11.091	2.0	ug/L	95909	3	11.181	1220690	25.0
Nonanal	12.284	1.9	ug/L	90134	3	11.181	1220690	25.0