LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036058.D
Acq On : 13 Jun 2024 13:22
Operator : SY/MD
Sample : P2850-17
Misc : 4.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB77

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: VV036058.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	90	rVB	293001	319960	4.61%	1.666%
2	1.359	91	99	126	rVV	93490	184054	2.65%	0.958%
3	1.529	145	152	170	rVB	211116	254009	3.66%	1.322%
4	2.053	305	315	340	rVB	463197	678603	9.78%	3.533%
5	2.442	425	436	453	rBV	145611	245540	3.54%	1.278%
6	2.696	506	515	530	rVB4	6323	11489	0.17%	0.060%
7	2.786	539	543	548	rBV7	529	477	0.01%	0.002%
8	2.822	551	554	555	rBV	542	263	0.00%	0.001%
9	2.886	566	574	575	rBV2	1062	1076	0.02%	0.006%
10	2.963	587	598	622	rVB3	21115	46337	0.67%	0.241%
11	3.050	622	625	630	rVV3	549	657	0.01%	0.003%
12	3.114	634	645	662	rVV2	6284	13890	0.20%	0.072%
13	3.198	668	671	674	rVB2	598	387	0.01%	0.002%
14	3.259	684	690	691	rBV2	389	266	0.00%	0.001%
15	3.545	773	779	782	rBV3	560	519	0.01%	0.003%
16	3.587	789	792	795	rBV2	567	463	0.01%	0.002%
17	3.600	795	796	800	rVB3	520	317	0.00%	0.002%
18	3.661	806	815	820	rBV5	2701	5062	0.07%	0.026%
19	3.805	845	860	917	rBV	2886343	6936429	100.00%	36.112%
20	4.246	983	997	1033	rBV	236297	618725	8.92%	3.221%
21	4.603	1106	1108	1115	rVB5	1032	756	0.01%	0.004%
22	4.635	1115	1118	1120	rBV2	708	449	0.01%	0.002%
23	4.683	1131	1133	1137	rVB2	513	308	0.00%	0.002%
24	4.805	1168	1171	1173	rVV3	541	335	0.00%	0.002%
25	4.883	1192	1195	1198	rVB3	640	344	0.00%	0.002%
26	4.953	1202	1217	1248	rBV2	584782	1498731	21.61%	7.803%
27	5.281	1315	1319	1320	rVV2	438	312	0.00%	0.002%
28	5.352	1339	1341	1345	rVB2	664	394	0.01%	0.002%
29	5.532	1384	1397	1428	rBV	393200	840097	12.11%	4.374%
30	5.834	1478	1491	1522	rBV3	85444	206774	2.98%	1.077%
31	5.985	1525	1538	1572	rBV	322942	690818	9.96%	3.597%
32	6.220	1609	1611	1616	rBV3	682	507	0.01%	0.003%
33	6.252	1616	1621	1622	rBV3	1802	1218	0.02%	0.006%
34	6.426	1672	1675	1677	rBV2	458	295	0.00%	0.002%
35	6.465	1683	1687	1689	rBV3	601	389	0.01%	0.002%
36	6.500	1695	1698	1702	rBV3	806	584	0.01%	0.003%

LSC Area Percent Report

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Sample : P2850-17
Misc : 4.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB77

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

37	6.596	1726	1728	1731	rVB	578	300	0.00%	0.002%
38	6.612	1731	1733	1739	rVB3	485	387	0.01%	0.002%
39	6.661	1743	1748	1752	rBV4	383	350	0.01%	0.002%
40	6.834	1799	1802	1805	rBV	366	310	0.00%	0.002%
41	6.915	1816	1827	1856	rBV	124743	255090	3.68%	1.328%
42	7.243	1917	1929	1949	rBV	607487	1107100	15.96%	5.764%
43	7.555	2016	2026	2049	rBV	79691	160831	2.32%	0.837%
44	7.735	2079	2082	2083	rBV3	676	336	0.00%	0.002%
45	7.902	2113	2134	2160	rBV	600036	1060118	15.28%	5.519%
46	8.034	2167	2175	2201	rBV	120682	274105	3.95%	1.427%
47	8.185	2216	2222	2247	rVB3	21503	47578	0.69%	0.248%
48	8.513	2320	2324	2326	rBV4	403	337	0.00%	0.002%
49	8.558	2335	2338	2340	rBV4	509	266	0.00%	0.001%
50	8.583	2343	2346	2350	rBV4	797	729	0.01%	0.004%
51	8.625	2357	2359	2363	rVB3	764	519	0.01%	0.003%
52	8.654	2363	2368	2369	rBV3	310	264	0.00%	0.001%
53	8.686	2374	2378	2382	rVV6	545	525	0.01%	0.003%
54	8.783	2396	2408	2444	rBV	606222	1036729	14.95%	5.397%
55	9.008	2470	2478	2494	rVB2	7975	13081	0.19%	0.068%
56	9.188	2530	2534	2536	rBV3	732	611	0.01%	0.003%
57	9.252	2550	2554	2555	rBV4	537	348	0.01%	0.002%
58	9.461	2612	2619	2621	rBV2	590	692	0.01%	0.004%
59	9.490	2625	2628	2630	rBV4	519	369	0.01%	0.002%
60	9.574	2649	2654	2658	rBV5	1210	1406	0.02%	0.007%
61	9.683	2683	2688	2690	rBV3	612	595	0.01%	0.003%
62	9.699	2690	2693	2697	rVB4	584	332	0.00%	0.002%
63	9.757	2703	2711	2726	rBV4	13096	27498	0.40%	0.143%
64	10.098	2803	2817	2820	rBV10	2246	4200	0.06%	0.022%
65	10.149	2822	2833	2852	rVV	278252	449353	6.48%	2.339%
66	10.323	2877	2887	2901	rVB	41838	71761	1.03%	0.374%
67	10.384	2901	2906	2910	rBV4	765	854	0.01%	0.004%
68	10.439	2918	2923	2924	rBV	415	312	0.00%	0.002%
69	10.474	2927	2934	2938	rVV4	1178	1563	0.02%	0.008%
70	10.516	2939	2947	2958	rVB6	4035	6731	0.10%	0.035%
71	10.677	2995	2997	3002	rVB4	342	276	0.00%	0.001%
72	10.744	3016	3018	3022	rBV3	368	283	0.00%	0.001%
73	10.821	3038	3042	3048	rVB4	905	907	0.01%	0.005%
74	10.850	3048	3051	3054	rBV3	470	428	0.01%	0.002%
75	10.927	3069	3075	3077	rBV3	808	861	0.01%	0.004%
76	11.091	3115	3126	3144	rBV3	34647	64185	0.93%	0.334%

LSC Area Percent Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB77

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

77	11.181	3144	3154	3180	rVV	567516	899778	12.97%	4.684%
78	11.497	3242	3252	3260	rBV6	10437	23014	0.33%	0.120%
79	11.558	3261	3271	3296	rVB	569839	920965	13.28%	4.795%
80	11.992	3404	3406	3410	rBV3	750	509	0.01%	0.003%
81	12.156	3455	3457	3458	rBV	669	303	0.00%	0.002%
82	12.194	3459	3469	3480	rVB2	25526	41295	0.60%	0.215%
83	12.246	3480	3485	3486	rBV4	560	478	0.01%	0.002%
84	12.287	3489	3498	3514	rBV3	30016	55218	0.80%	0.287%
85	12.435	3541	3544	3546	rBV3	804	501	0.01%	0.003%
86	12.615	3595	3600	3601	rBV3	954	782	0.01%	0.004%
87	12.786	3643	3653	3655	rBV5	2183	2774	0.04%	0.014%
88	12.828	3659	3666	3679	rVB3	9139	13546	0.20%	0.071%
89	13.014	3721	3724	3725	rBV3	711	302	0.00%	0.002%
90	13.098	3747	3750	3755	rVB4	1055	956	0.01%	0.005%
91	13.204	3780	3783	3788	rBV4	754	751	0.01%	0.004%
92	13.384	3829	3839	3846	rBV8	5103	9400	0.14%	0.049%
93	13.840	3973	3981	3989	rVB2	7807	10520	0.15%	0.055%
94	13.908	3997	4002	4008	rBV6	1593	1778	0.03%	0.009%
95	13.982	4016	4025	4039	rBV	22121	36892	0.53%	0.192%
96	14.275	4111	4116	4118	rBV5	1185	1283	0.02%	0.007%
97	14.670	4237	4239	4247	rBV5	872	942	0.01%	0.005%
98	14.757	4262	4266	4269	rBV5	1854	1742	0.03%	0.009%
99	14.786	4269	4275	4283	rVB7	4675	6628	0.10%	0.035%
100	15.580	4514	4522	4531	rBV2	15602	24154	0.35%	0.126%

Sum of corrected areas: 19207865

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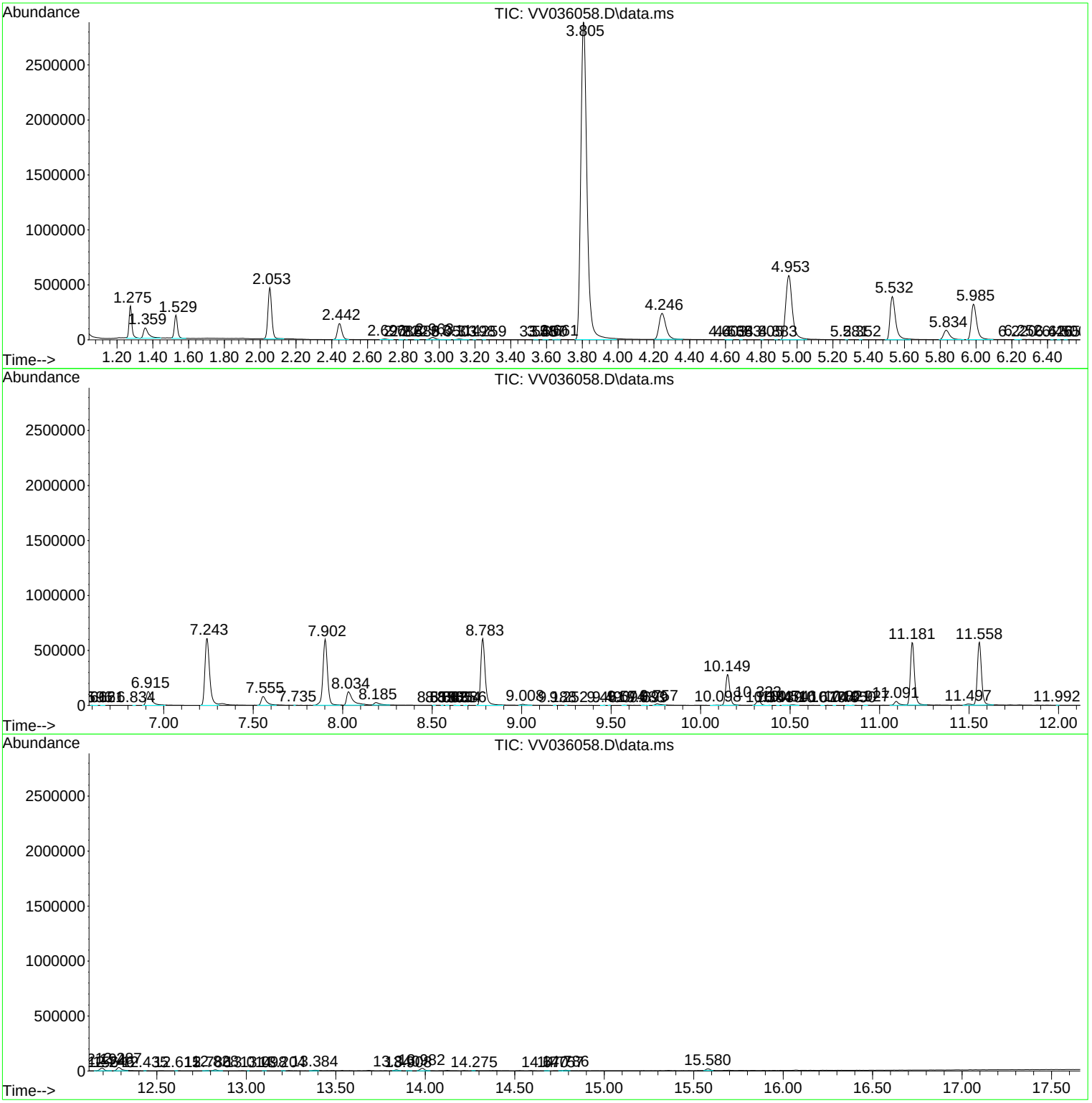
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB77

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
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Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :
BHB77

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

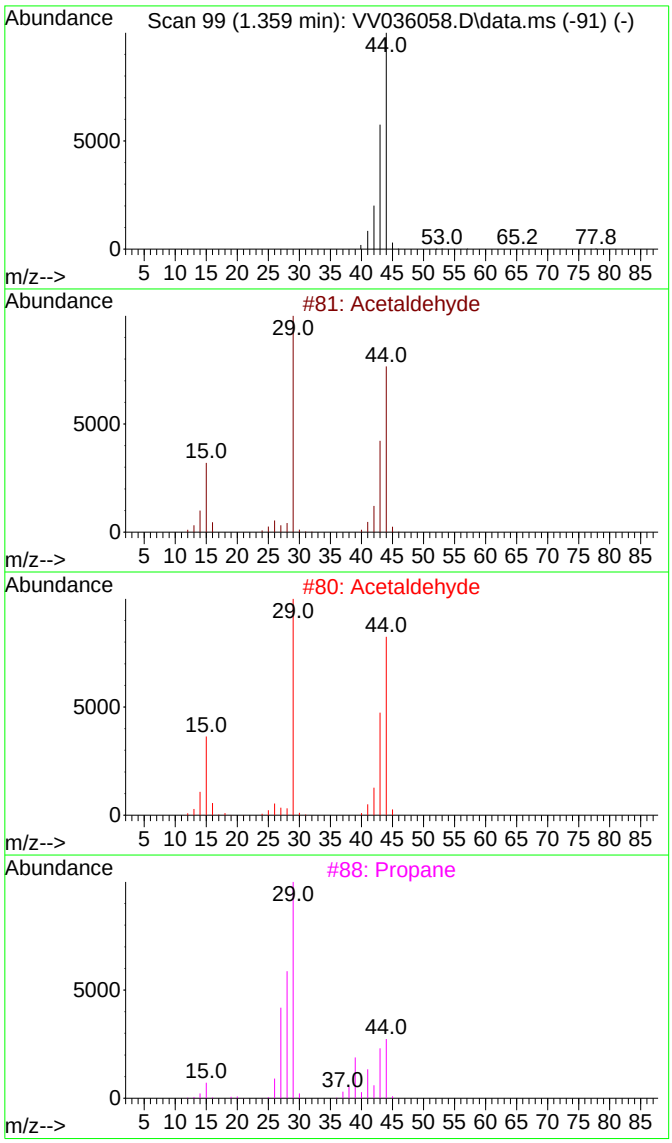
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

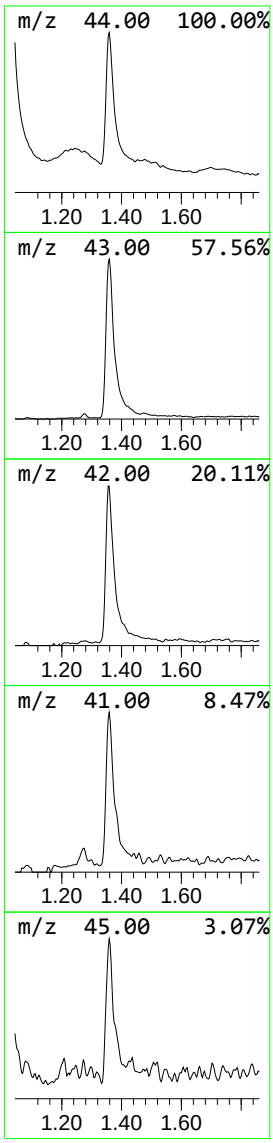
****

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	5.48 ug/L	184054	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Acetaldehyde	44	C2H4O	000075-07-0	64
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036058.D
Acq On : 13 Jun 2024 13:22
Operator : SY/MD
Sample : P2850-17
Misc : 4.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB77

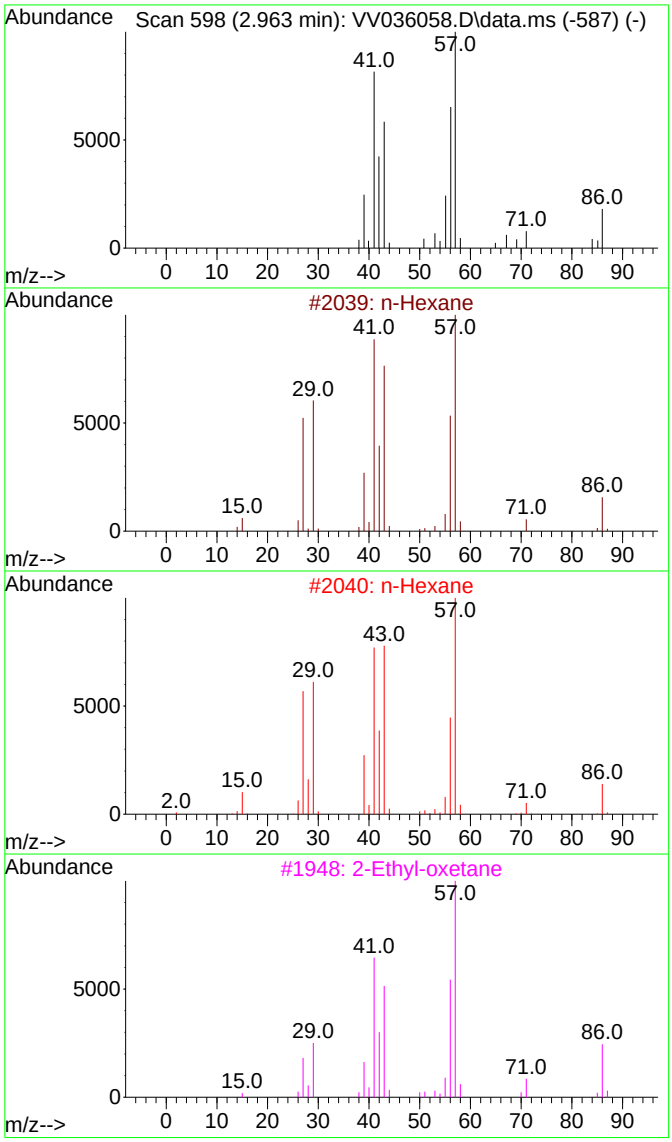
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

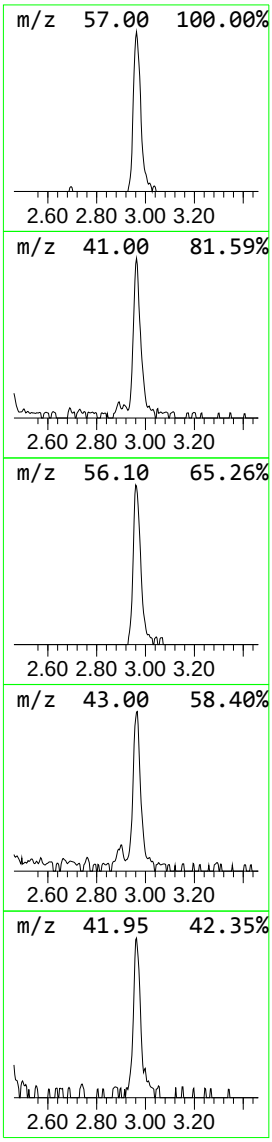
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.38 ug/L	46337	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	80
2	n-Hexane	86	C6H14	000110-54-3	80
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
4	n-Hexane	86	C6H14	000110-54-3	72
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB77

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

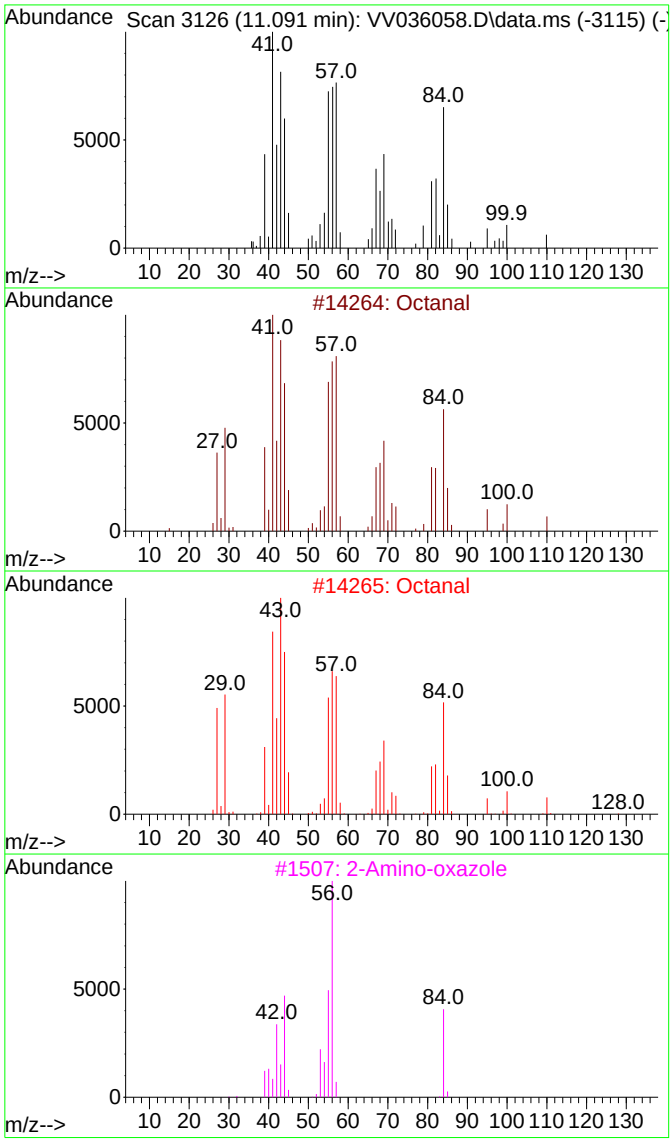
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

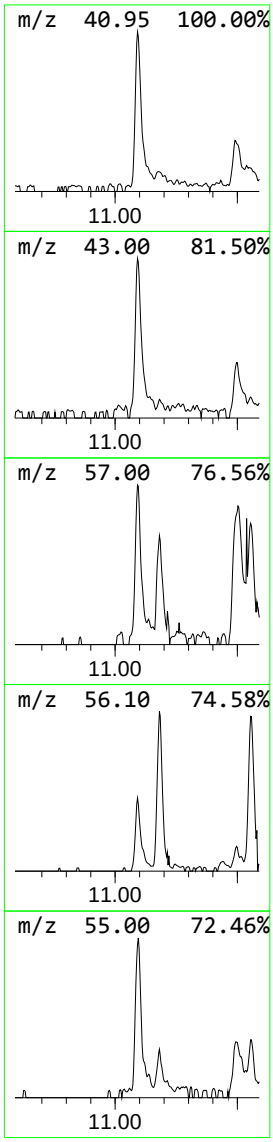
****

Peak Number 5 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.091	1.78 ug/L	64185	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	86
2	Octanal	128	C8H16O	000124-13-0	86
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	50
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	43
5	Butane, 1-(ethenyloxy)-	100	C6H12O	000111-34-2	35





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Instrument :
MSVOA_V
ClientSampleId :
BHB77

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

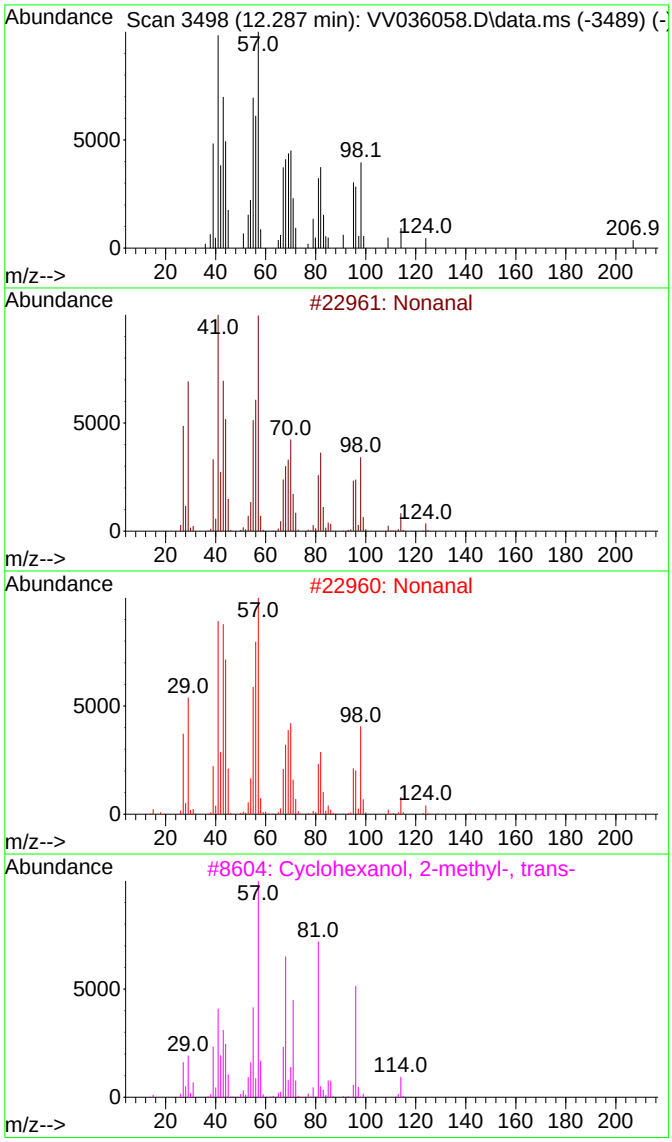
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

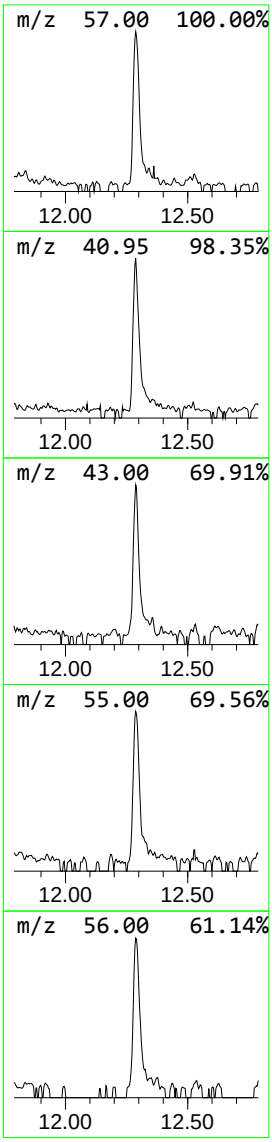
****

Peak Number 6 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.288	1.53 ug/L	55218	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	72
3	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	50
4	Cycloheptane	98	C7H14	000291-64-5	46
5	Cycloheptane	98	C7H14	000291-64-5	46





Tentatively Identified Compound (LSC) summary

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB77

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.359	5.5	ug/L	184054	1	5.532	840097	25.0
(DEL) Alkane: S...	2.963	1.4	ug/L	46337	1	5.532	840097	25.0
Octanal	11.091	1.8	ug/L	64185	3	11.185	899778	25.0
Nonanal	12.288	1.5	ug/L	55218	3	11.185	899778	25.0