LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036177.D
Acq On : 20 Jun 2024 21:41
Operator : SY/MD
Sample : P2960-15
Misc : 6.03g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB52

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: VV036177.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	88	rBV	242692	271017	15.42%	1.920%
2	1.526	143	151	171	rBV	203674	251673	14.32%	1.783%
3	2.050	303	314	333	rBV	410709	618935	35.21%	4.385%
4	2.394	415	421	424	rBV4	512	656	0.04%	0.005%
5	2.442	424	436	453	rBV	120720	212433	12.09%	1.505%
6	2.722	520	523	528	rVB3	600	487	0.03%	0.003%
7	2.796	544	546	550	rVB3	639	342	0.02%	0.002%
8	2.844	557	561	564	rBV3	402	330	0.02%	0.002%
9	2.912	576	582	584	rVB4	462	390	0.02%	0.003%
10	2.963	585	598	611	rBV3	18608	37963	2.16%	0.269%
11	3.118	643	646	651	rVB5	444	386	0.02%	0.003%
12	3.288	693	699	703	rVB5	366	386	0.02%	0.003%
13	3.526	770	773	777	rVB2	432	346	0.02%	0.002%
14	3.680	815	821	822	rBV3	621	567	0.03%	0.004%
15	3.699	825	827	831	rBV5	413	347	0.02%	0.002%
16	3.812	849	862	901	rBV2	158557	450941	25.66%	3.195%
17	4.243	979	996	1027	rBV	277594	733189	41.71%	5.194%
18	4.484	1068	1071	1074	rVB3	822	435	0.02%	0.003%
19	4.593	1101	1105	1112	rVB3	551	621	0.04%	0.004%
20	4.757	1154	1156	1160	rBV2	392	318	0.02%	0.002%
21	4.950	1200	1216	1258	rBV2	671055	1757626	100.00%	12.452%
22	5.529	1385	1396	1427	rBV	443426	937117	53.32%	6.639%
23	5.828	1476	1489	1522	rVB5	50237	127413	7.25%	0.903%
24	5.986	1525	1538	1571	rBV	389285	823370	46.85%	5.833%
25	6.178	1596	1598	1602	rVB5	1142	608	0.03%	0.004%
26	6.246	1611	1619	1620	rBV6	3623	4079	0.23%	0.029%
27	6.452	1680	1683	1685	rBV2	965	472	0.03%	0.003%
28	6.490	1692	1695	1699	rVB4	685	557	0.03%	0.004%
29	6.564	1716	1718	1721	rVV2	605	389	0.02%	0.003%
30	6.593	1724	1727	1730	rVB2	535	358	0.02%	0.003%
31	6.616	1730	1734	1740	rBV5	363	390	0.02%	0.003%
32	6.645	1740	1743	1748	rBV4	351	419	0.02%	0.003%
33	6.674	1748	1752	1756	rVB3	708	589	0.03%	0.004%
34	6.754	1773	1777	1782	rVB4	643	563	0.03%	0.004%
35	6.912	1815	1826	1852	rBV	184379	360744	20.52%	2.556%
36	7.240	1917	1928	1948	rBV	765724	1349845	76.80%	9.563%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 6.03g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB52

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	7.551	2017	2025	2049	rBV	123906	232129	13.21%	1.645%
38	7.715	2074	2076	2078	rBV2	617	328	0.02%	0.002%
39	7.815	2103	2107	2112	rBV5	556	617	0.04%	0.004%
40	7.902	2113	2134	2160	rBV2	297195	539714	30.71%	3.824%
41	8.027	2164	2173	2210	rBV	158870	342617	19.49%	2.427%
42	8.175	2211	2219	2246	rBV	131879	246421	14.02%	1.746%
43	8.439	2298	2301	2303	rBV5	684	418	0.02%	0.003%
44	8.680	2373	2376	2381	rVB4	626	453	0.03%	0.003%
45	8.783	2396	2408	2439	rBV	762204	1272427	72.39%	9.015%
46	9.005	2470	2477	2490	rVB2	12379	19190	1.09%	0.136%
47	9.185	2530	2533	2535	rVB3	688	367	0.02%	0.003%
48	9.233	2545	2548	2550	rVB2	536	324	0.02%	0.002%
49	9.265	2555	2558	2562	rVB3	749	504	0.03%	0.004%
50	9.304	2566	2570	2573	rBV3	541	507	0.03%	0.004%
51	9.410	2601	2603	2608	rVB3	695	512	0.03%	0.004%
52	9.465	2615	2620	2624	rBV3	578	511	0.03%	0.004%
53	9.497	2624	2630	2637	rVB6	1098	1588	0.09%	0.011%
54	9.580	2654	2656	2661	rVB3	575	454	0.03%	0.003%
55	9.625	2668	2670	2673	rBV4	497	413	0.02%	0.003%
56	9.696	2691	2692	2698	rVB2	573	433	0.02%	0.003%
57	9.754	2701	2710	2731	rBV4	18830	41861	2.38%	0.297%
58	9.953	2767	2772	2775	rBV5	656	619	0.04%	0.004%
59	9.979	2778	2780	2784	rBV4	404	332	0.02%	0.002%
60	10.053	2798	2803	2806	rBV6	788	641	0.04%	0.005%
61	10.149	2822	2833	2854	rBV	338247	540976	30.78%	3.833%
62	10.255	2864	2866	2876	rVB5	997	1324	0.08%	0.009%
63	10.326	2876	2888	2903	rVB3	19500	33435	1.90%	0.237%
64	10.519	2941	2948	2950	rBV5	1116	1246	0.07%	0.009%
65	10.696	2999	3003	3006	rVB4	534	396	0.02%	0.003%
66	10.718	3006	3010	3011	rBV3	541	381	0.02%	0.003%
67	10.773	3023	3027	3031	rBV3	711	686	0.04%	0.005%
68	10.821	3040	3042	3045	rVB2	702	380	0.02%	0.003%
69	10.976	3086	3090	3091	rBV	529	377	0.02%	0.003%
70	11.018	3101	3103	3110	rVB6	696	555	0.03%	0.004%
71	11.050	3110	3113	3116	rBV3	604	408	0.02%	0.003%
72	11.091	3116	3126	3144	rBV	75948	146063	8.31%	1.035%
73	11.181	3144	3154	3174	rVV	804273	1242316	70.68%	8.801%
74	11.487	3240	3249	3259	rBV2	21246	43432	2.47%	0.308%
75	11.558	3261	3271	3302	rVB	754986	1192081	67.82%	8.446%
76	12.194	3458	3469	3481	rBV2	15214	25761	1.47%	0.183%

LSC Area Percent Report

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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB52

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

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Peak separation: 5

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

77	12.284	3487	3497	3527	rBV2	78222	141609	8.06%	1.003%
78	12.503	3561	3565	3567	rBV4	830	773	0.04%	0.005%
79	12.786	3649	3653	3658	rBV4	688	769	0.04%	0.005%
80	12.828	3659	3666	3673	rVV4	5058	6955	0.40%	0.049%
81	13.030	3725	3729	3730	rBV2	547	462	0.03%	0.003%
82	13.204	3778	3783	3784	rBV4	1612	1199	0.07%	0.008%
83	13.378	3828	3837	3854	rBV7	14144	26940	1.53%	0.191%
84	13.451	3854	3860	3864	rBV5	2323	3022	0.17%	0.021%
85	13.529	3878	3884	3891	rBV8	1868	2414	0.14%	0.017%
86	13.686	3929	3933	3946	rVB9	3179	4430	0.25%	0.031%
87	13.747	3950	3952	3954	rBV2	658	389	0.02%	0.003%
88	13.841	3974	3981	3992	rVB4	6808	10154	0.58%	0.072%
89	13.982	4016	4025	4036	rBV2	9549	15292	0.87%	0.108%
90	14.095	4058	4060	4062	rBV3	1420	973	0.06%	0.007%
91	14.442	4164	4168	4176	rVB8	1235	1376	0.08%	0.010%
92	14.529	4191	4195	4197	rBV3	907	796	0.05%	0.006%
93	14.596	4210	4216	4223	rVB9	1762	2505	0.14%	0.018%
94	14.760	4260	4267	4269	rBV6	2614	2986	0.17%	0.021%
95	14.934	4319	4321	4323	rBV2	748	413	0.02%	0.003%
96	15.136	4377	4384	4386	rBV7	960	1027	0.06%	0.007%
97	15.300	4432	4435	4436	rBV3	846	476	0.03%	0.003%
98	15.336	4444	4446	4448	rBV3	992	559	0.03%	0.004%
99	15.355	4448	4452	4460	rVB9	2214	3067	0.17%	0.022%
100	15.580	4514	4522	4530	rBV4	4229	6871	0.39%	0.049%

Sum of corrected areas: 14114955

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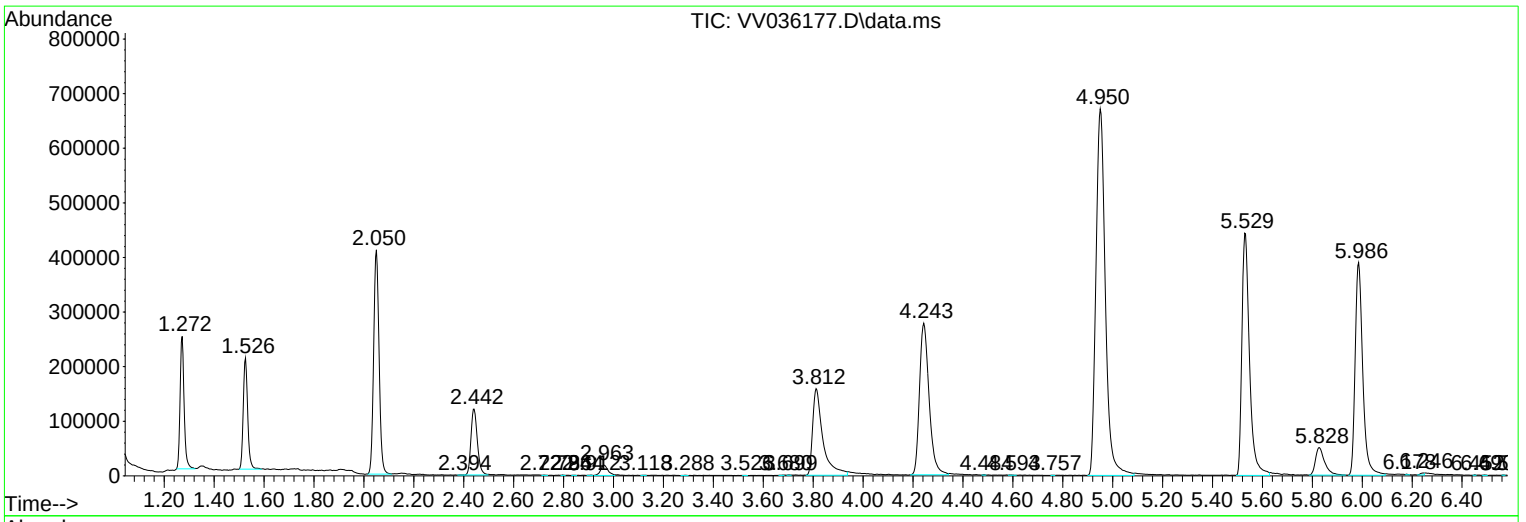
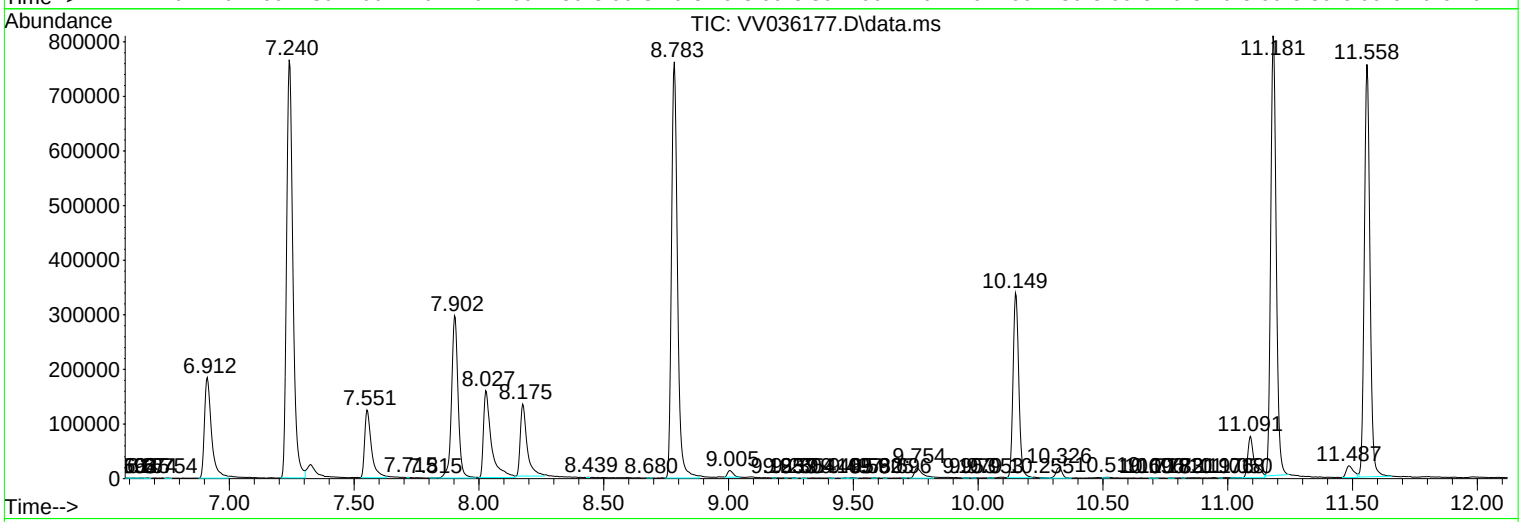
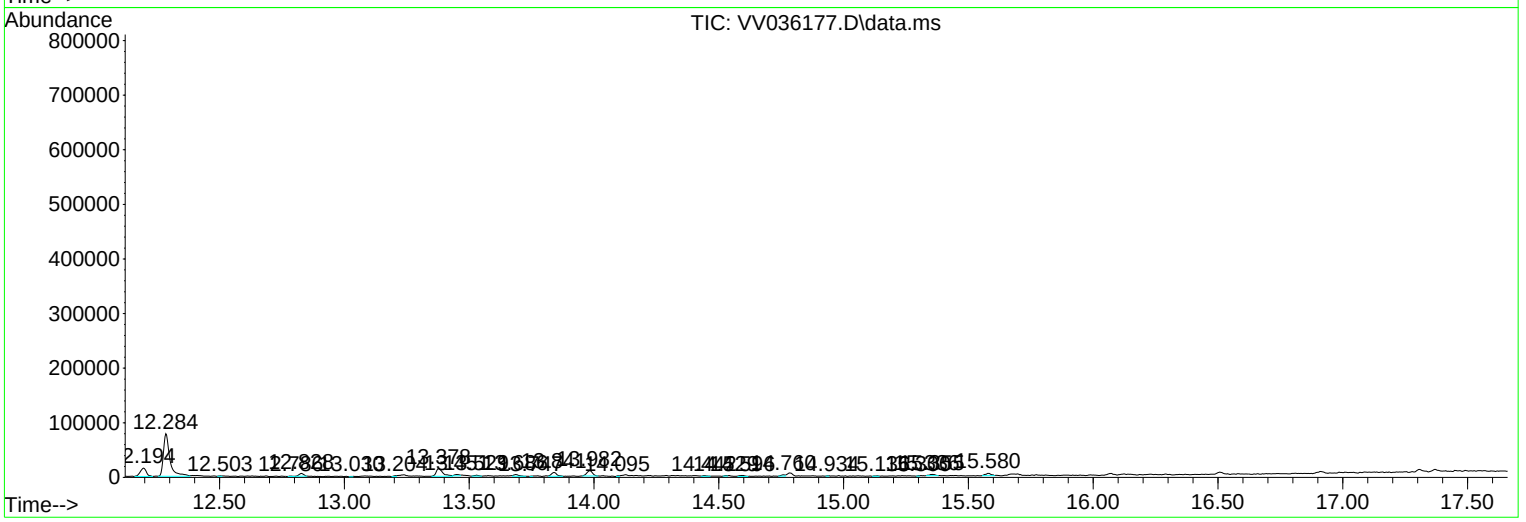
Instrument :
MSVOA_V
ClientSampleId :
BHB52

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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Instrument :
MSVOA_V
ClientSampleId :
BHB52

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

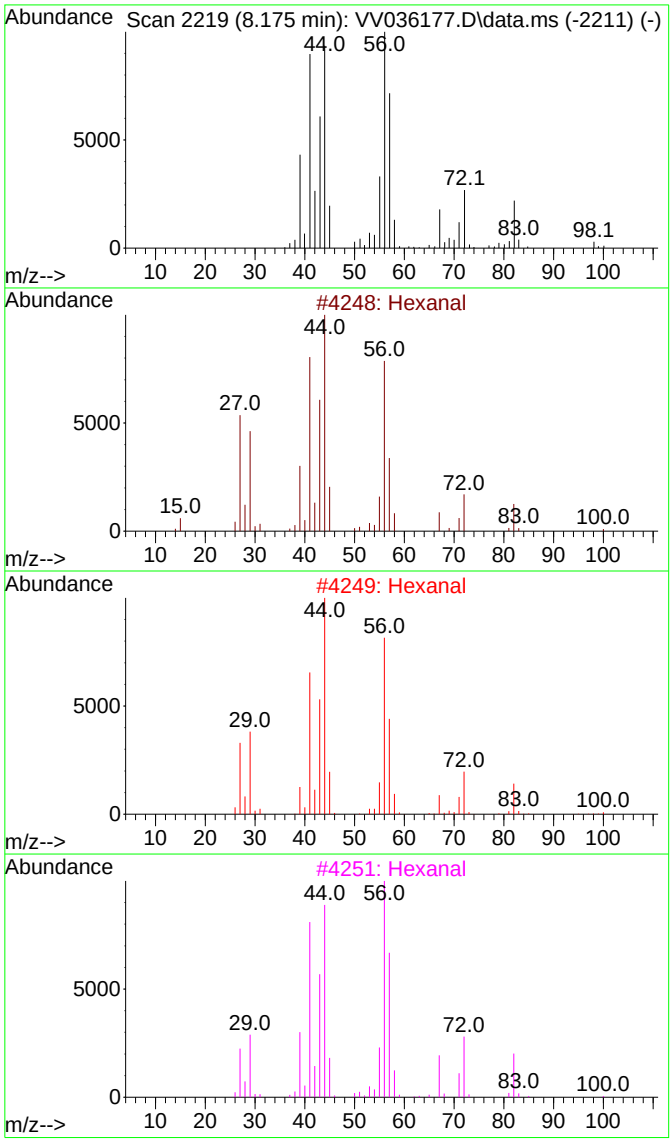
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

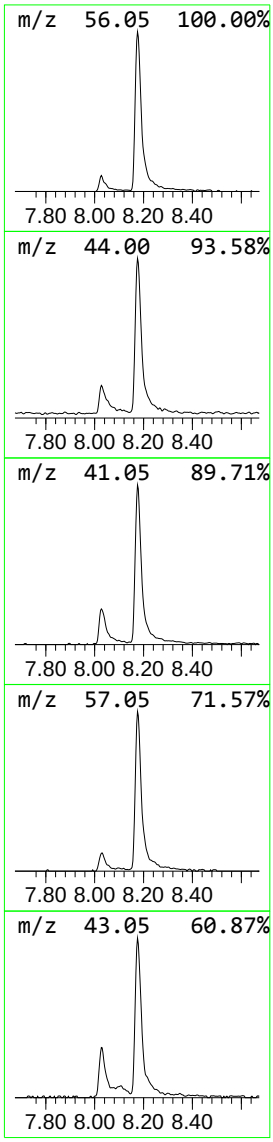
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	4.84 ug/L	246421	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	81
2	Hexanal	100	C6H12O	000066-25-1	81
3	Hexanal	100	C6H12O	000066-25-1	72
4	Hexanal	100	C6H12O	000066-25-1	59
5	Hexanal	100	C6H12O	000066-25-1	59





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MSVOA_V
ClientSampleId :
BHB52

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

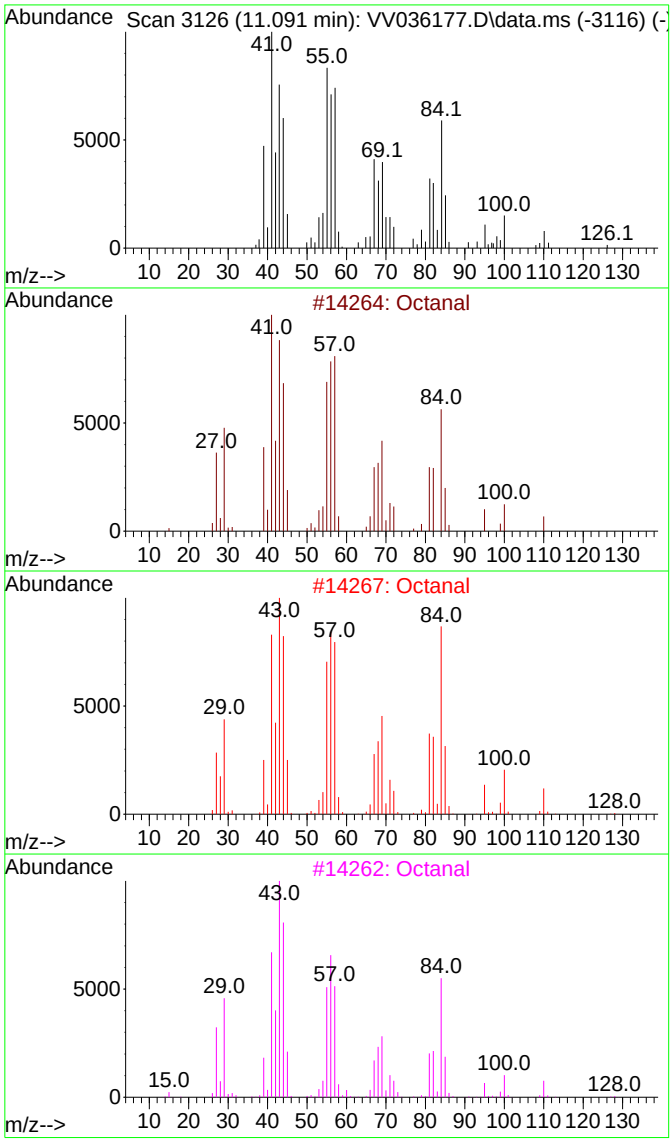
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

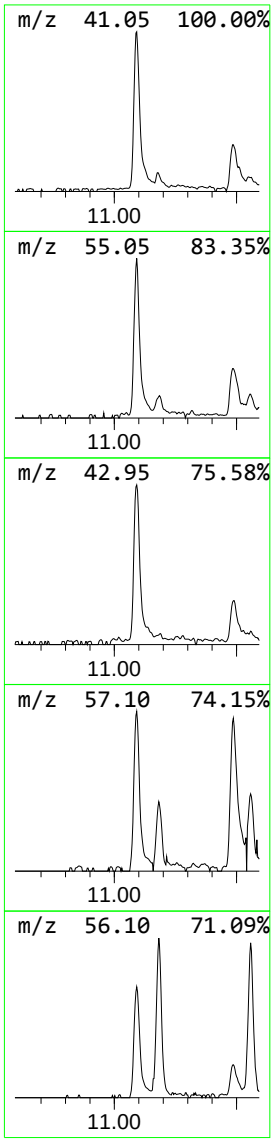
****

Peak Number 3 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.092	2.94 ug/L	146063	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	87
2	Octanal	128	C8H16O	000124-13-0	74
3	Octanal	128	C8H16O	000124-13-0	59
4	Octanal	128	C8H16O	000124-13-0	59
5	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	38





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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB52

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

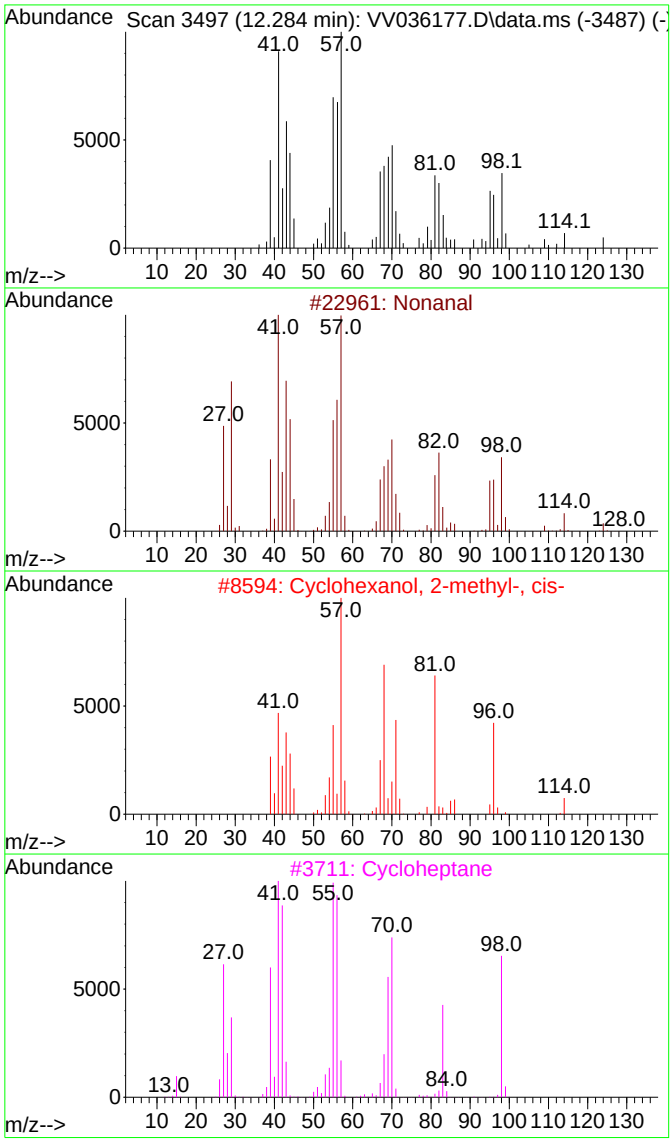
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

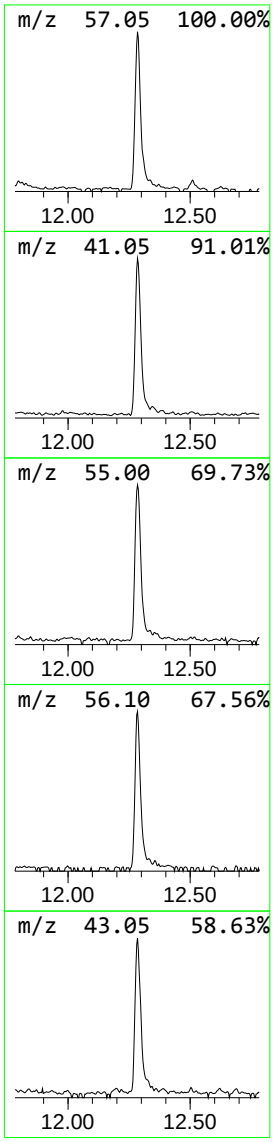
****

Peak Number 4 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	2.85 ug/L	141609	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	38
3	Cycloheptane	98	C7H14	000291-64-5	35
4	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	35
5	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	25





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	8.175	4.8	ug/L	246421	2	8.783	1272430	25.0
Octanal	11.092	2.9	ug/L	146063	3	11.182	1242320	25.0
Nonanal	12.284	2.9	ug/L	141609	3	11.182	1242320	25.0