LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036175.D
Acq On : 20 Jun 2024 20:54
Operator : SY/MD
Sample : P2960-14
Misc : 6.11g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB51

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: VV036175.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	194224	216344	16.64%	1.952%
2	1.526	144	151	166	rVB	165937	191893	14.76%	1.732%
3	2.050	304	314	332	rVB	345244	497969	38.30%	4.494%
4	2.439	425	435	455	rBV	119683	203590	15.66%	1.837%
5	2.642	496	498	503	rVV3	733	546	0.04%	0.005%
6	2.674	504	508	510	rBV4	898	587	0.05%	0.005%
7	2.716	519	521	529	rVB5	526	333	0.03%	0.003%
8	2.793	542	545	549	rVB2	438	273	0.02%	0.002%
9	2.960	585	597	614	rBV2	17179	35614	2.74%	0.321%
10	3.076	630	633	639	rVB3	681	681	0.05%	0.006%
11	3.256	684	689	693	rBV3	423	431	0.03%	0.004%
12	3.381	722	728	729	rBV2	377	349	0.03%	0.003%
13	3.555	778	782	785	rVB	469	280	0.02%	0.003%
14	3.593	789	794	797	rBV3	270	300	0.02%	0.003%
15	3.661	811	815	818	rBV2	477	426	0.03%	0.004%
16	3.773	843	850	852	rBV4	534	533	0.04%	0.005%
17	3.818	852	864	911	rBV3	64555	230385	17.72%	2.079%
18	4.243	978	996	1030	rBV	205159	553332	42.56%	4.994%
19	4.449	1058	1060	1063	rVB2	814	381	0.03%	0.003%
20	4.478	1067	1069	1077	rVB6	865	794	0.06%	0.007%
21	4.513	1077	1080	1082	rBV3	677	420	0.03%	0.004%
22	4.552	1089	1092	1095	rVB4	740	403	0.03%	0.004%
23	4.693	1132	1136	1139	rBV3	382	351	0.03%	0.003%
24	4.770	1155	1160	1164	rBV2	455	461	0.04%	0.004%
25	4.838	1176	1181	1185	rVB3	518	369	0.03%	0.003%
26	4.950	1199	1216	1248	rBV2	509019	1300022	100.00%	11.732%
27	5.236	1303	1305	1309	rBV3	484	423	0.03%	0.004%
28	5.416	1353	1361	1365	rBV6	848	989	0.08%	0.009%
29	5.468	1372	1377	1379	rBV2	311	265	0.02%	0.002%
30	5.532	1385	1397	1426	rBV	420785	889372	68.41%	8.026%
31	5.754	1463	1466	1467	rBV3	658	280	0.02%	0.003%
32	5.825	1476	1488	1514	rBV3	31281	76257	5.87%	0.688%
33	5.986	1524	1538	1575	rBV	282857	608884	46.84%	5.495%
34	6.249	1615	1620	1622	rBV5	2427	2288	0.18%	0.021%
35	6.336	1645	1647	1649	rBV3	678	362	0.03%	0.003%
36	6.423	1672	1674	1677	rVB2	782	410	0.03%	0.004%

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Sample : P2960-14
Misc : 6.11g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB51

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	6.481	1688	1692	1695	rBV3	378	366	0.03%	0.003%
38	6.754	1771	1777	1781	rVV3	378	413	0.03%	0.004%
39	6.912	1816	1826	1855	rBV	131779	264236	20.33%	2.385%
40	7.240	1917	1928	1969	rBV	541393	993351	76.41%	8.964%
41	7.555	2015	2026	2059	rBV	89979	178586	13.74%	1.612%
42	7.773	2092	2094	2097	rVB3	837	466	0.04%	0.004%
43	7.793	2097	2100	2105	rBV5	894	779	0.06%	0.007%
44	7.905	2114	2135	2157	rBV2	72143	154293	11.87%	1.392%
45	8.030	2160	2174	2209	rBV	155571	340264	26.17%	3.071%
46	8.178	2212	2220	2247	rVV	93527	179794	13.83%	1.623%
47	8.490	2315	2317	2320	rVB2	506	313	0.02%	0.003%
48	8.513	2320	2324	2330	rBV7	579	699	0.05%	0.006%
49	8.558	2336	2338	2343	rVB5	555	469	0.04%	0.004%
50	8.783	2396	2408	2437	rBV	717663	1175706	90.44%	10.610%
51	9.008	2470	2478	2492	rVB2	6096	10998	0.85%	0.099%
52	9.101	2503	2507	2512	rVB4	923	808	0.06%	0.007%
53	9.217	2540	2543	2547	rVB3	554	403	0.03%	0.004%
54	9.288	2561	2565	2567	rBV2	427	319	0.02%	0.003%
55	9.365	2585	2589	2592	rVV4	457	360	0.03%	0.003%
56	9.583	2652	2657	2661	rBV6	501	413	0.03%	0.004%
57	9.651	2674	2678	2682	rBV3	372	297	0.02%	0.003%
58	9.683	2682	2688	2690	rBV3	539	497	0.04%	0.004%
59	9.757	2703	2711	2726	rBV5	10260	21283	1.64%	0.192%
60	9.934	2762	2766	2768	rBV2	488	357	0.03%	0.003%
61	9.985	2780	2782	2786	rVB3	612	315	0.02%	0.003%
62	10.153	2821	2834	2851	rBV	277059	448739	34.52%	4.050%
63	10.323	2876	2887	2898	rVB	19478	32494	2.50%	0.293%
64	10.429	2918	2920	2928	rVB4	550	625	0.05%	0.006%
65	10.519	2940	2948	2950	rBV3	1179	1342	0.10%	0.012%
66	10.583	2965	2968	2972	rVB4	406	340	0.03%	0.003%
67	10.773	3023	3027	3029	rBV	326	283	0.02%	0.003%
68	10.809	3034	3038	3040	rBV2	763	633	0.05%	0.006%
69	10.863	3051	3055	3062	rVB4	1015	892	0.07%	0.008%
70	10.931	3070	3076	3077	rBV5	534	534	0.04%	0.005%
71	10.944	3078	3080	3084	rVB4	800	464	0.04%	0.004%
72	11.091	3116	3126	3136	rBV2	43489	77595	5.97%	0.700%
73	11.181	3144	3154	3188	rVB	744644	1167820	89.83%	10.539%
74	11.442	3230	3235	3238	rBV4	935	966	0.07%	0.009%
75	11.487	3240	3249	3260	rVV	19224	39868	3.07%	0.360%
76	11.558	3261	3271	3301	rVB	605077	949224	73.02%	8.566%

LSC Area Percent Report

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB51

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	12.098	3436	3439	3442	rBV4	906	590	0.05%	0.005%
78	12.194	3459	3469	3478	rBV2	17410	27915	2.15%	0.252%
79	12.288	3489	3498	3515	rBV2	47187	83331	6.41%	0.752%
80	12.484	3557	3559	3562	rBV4	633	383	0.03%	0.003%
81	12.786	3649	3653	3654	rBV3	1168	765	0.06%	0.007%
82	12.828	3659	3666	3674	rVV4	5592	7532	0.58%	0.068%
83	12.921	3692	3695	3696	rBV3	874	515	0.04%	0.005%
84	12.950	3700	3704	3706	rBV2	1008	682	0.05%	0.006%
85	13.021	3724	3726	3734	rBV4	926	895	0.07%	0.008%
86	13.059	3734	3738	3740	rBV5	715	555	0.04%	0.005%
87	13.098	3747	3750	3753	rVB4	1435	989	0.08%	0.009%
88	13.181	3773	3776	3779	rVB3	726	555	0.04%	0.005%
89	13.378	3830	3837	3850	rBV6	8070	15323	1.18%	0.138%
90	13.448	3856	3859	3869	rBV9	2189	2504	0.19%	0.023%
91	13.686	3927	3933	3944	rVB9	3931	6513	0.50%	0.059%
92	13.841	3974	3981	3995	rVB4	7671	12115	0.93%	0.109%
93	13.902	3995	4000	4001	rBV3	936	772	0.06%	0.007%
94	13.982	4017	4025	4035	rVB2	11797	18647	1.43%	0.168%
95	14.207	4092	4095	4098	rBV3	1415	1191	0.09%	0.011%
96	14.484	4179	4181	4184	rBV3	456	289	0.02%	0.003%
97	14.783	4261	4274	4282	rVB3	4851	10934	0.84%	0.099%
98	15.014	4343	4346	4348	rBV4	882	557	0.04%	0.005%
99	15.545	4509	4511	4513	rBV3	1055	598	0.05%	0.005%
100	15.580	4513	4522	4534	rVB	13709	22677	1.74%	0.205%

Sum of corrected areas: 11081028

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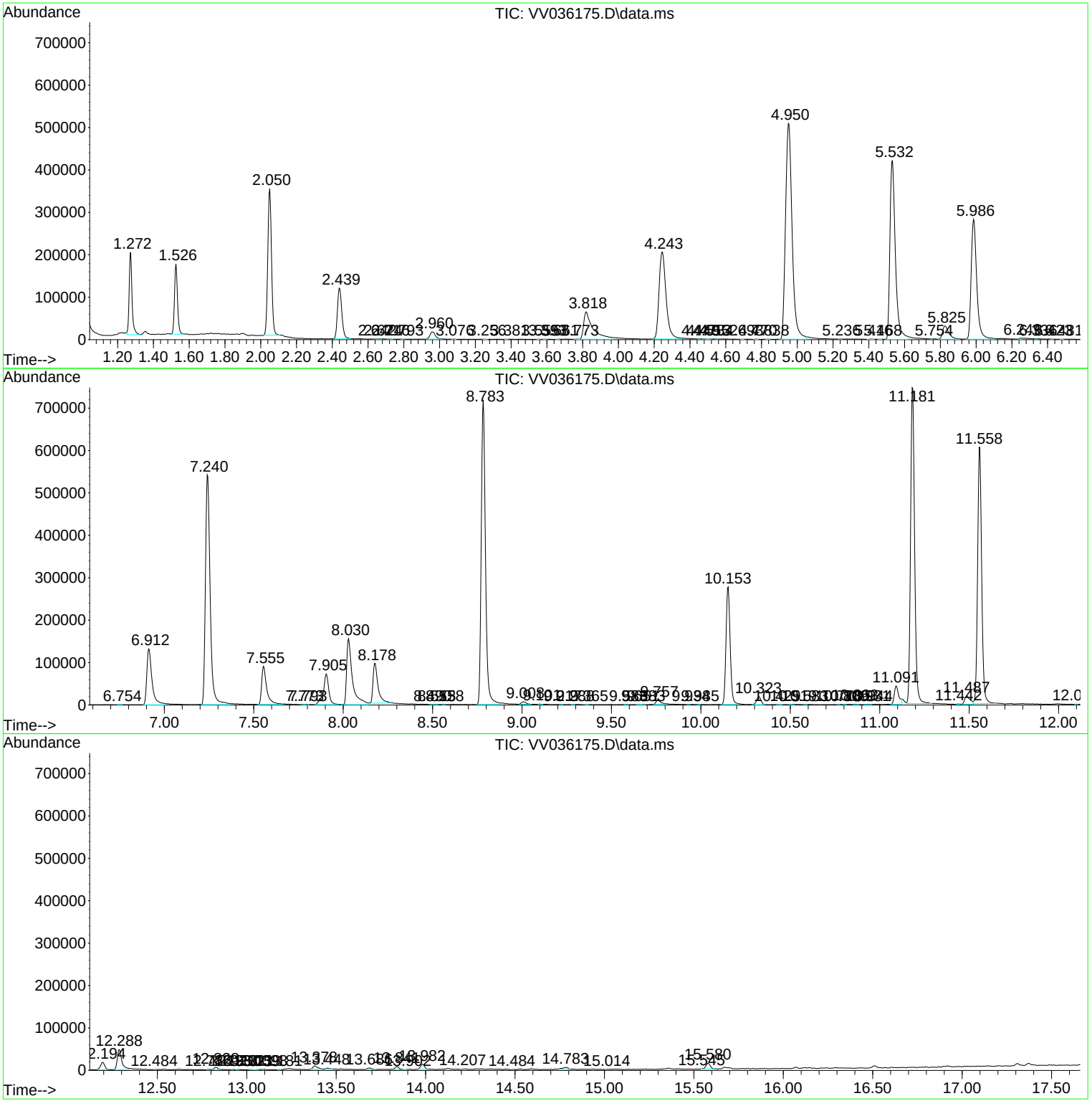
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB51

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\VV062024\
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Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

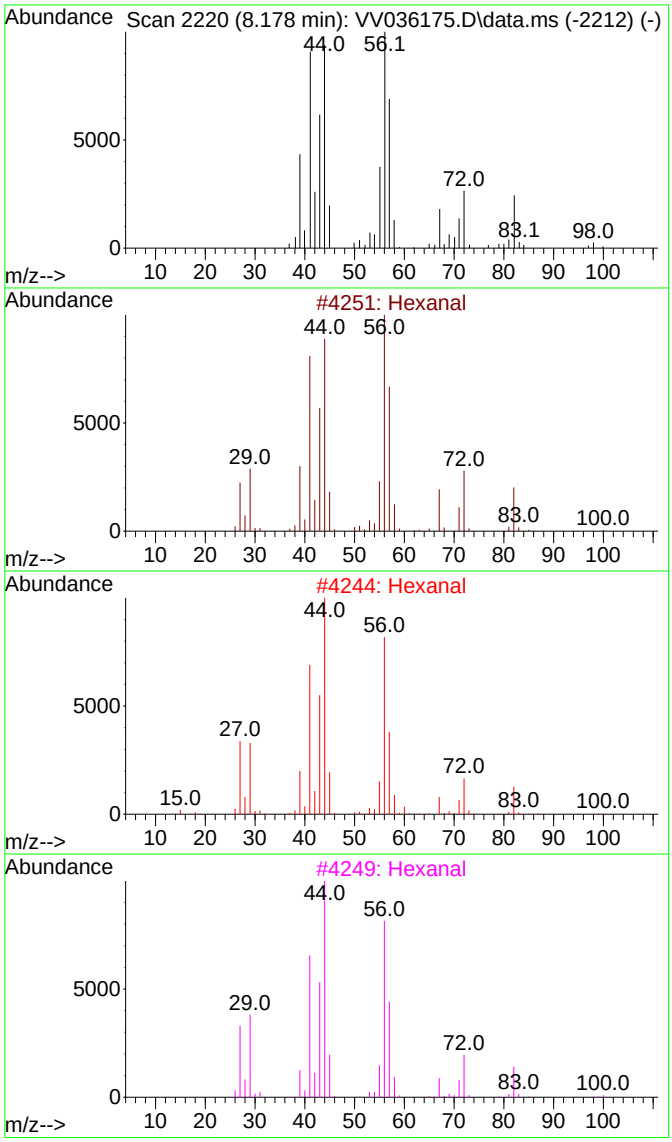
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

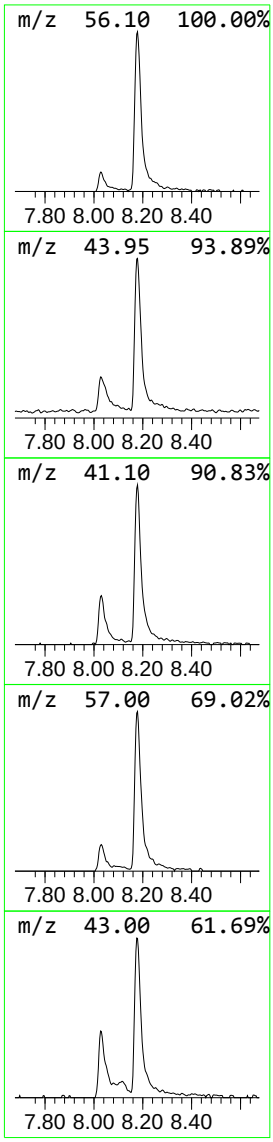
****

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.178	3.82 ug/L	179794	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	72
4	Hexanal	100	C6H12O	000066-25-1	53
5	Hexanal	100	C6H12O	000066-25-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036175.D
Acq On : 20 Jun 2024 20:54
Operator : SY/MD
Sample : P2960-14
Misc : 6.11g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB51

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

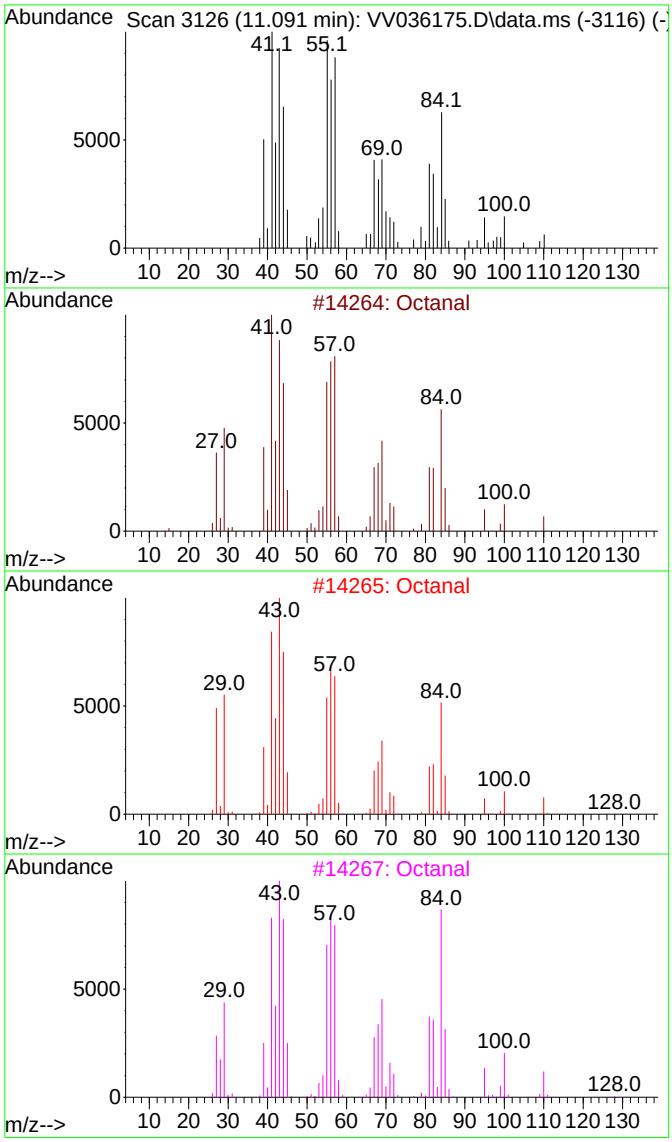
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

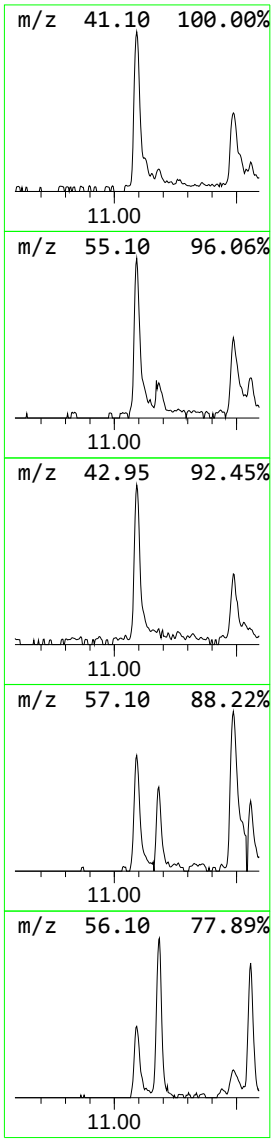
****

Peak Number 4 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.092	1.66 ug/L	77595	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	86
3	Octanal	128	C8H16O	000124-13-0	78
4	Octanal	128	C8H16O	000124-13-0	59
5	Piperidine	85	C5H11N	000110-89-4	50





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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB51

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

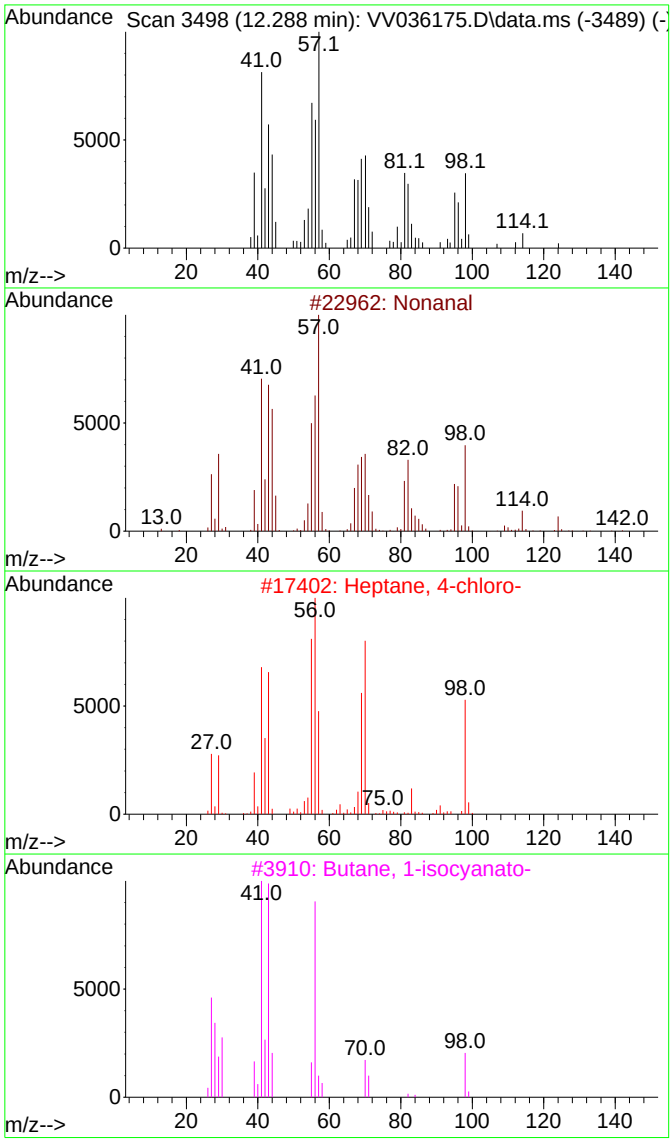
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

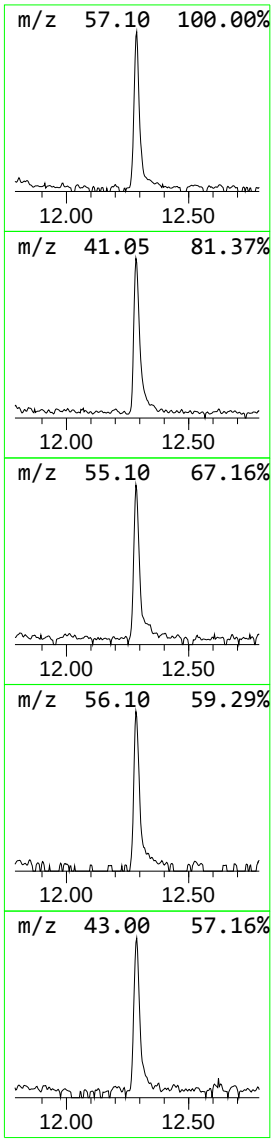
****

Peak Number 5 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.288	1.78 ug/L	83331	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	72
2	Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	27
3	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	27
4	Cyclooctyl alcohol	128	C8H16O	000696-71-9	27
5	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036175.D
Acq On : 20 Jun 2024 20:54
Operator : SY/MD
Sample : P2960-14
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ALS Vial : 31 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	8.178	3.8	ug/L	179794	2	8.783	1175710	25.0
Octanal	11.092	1.7	ug/L	77595	3	11.185	1167820	25.0
Nonanal	12.288	1.8	ug/L	83331	3	11.185	1167820	25.0