LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
Data File : VV030663.D
Acq On : 19 Apr 2023 14:36
Operator : SY/MD
Sample : 02360-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

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\SFAMVLM041723WMA.M
Title : VOC Analysis

Signal : TIC: VV030663.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.281	69	75	87	rBV	78867	86247	5.48%	0.983%
2	1.535	148	154	171	rVB	81438	95566	6.08%	1.089%
3	1.970	287	289	290	rBV2	1990	772	0.05%	0.009%
4	2.066	310	319	332	rBV2	176253	270497	17.20%	3.082%
5	2.236	366	372	374	rBV7	2780	3063	0.19%	0.035%
6	2.326	397	400	401	rBV2	1779	899	0.06%	0.010%
7	2.404	423	424	428	rVB4	1792	929	0.06%	0.011%
8	2.510	454	457	458	rBV4	1653	978	0.06%	0.011%
9	2.571	473	476	477	rBV3	1440	819	0.05%	0.009%
10	2.651	497	501	502	rBV4	980	779	0.05%	0.009%
11	2.683	508	511	513	rBV3	1233	960	0.06%	0.011%
12	2.706	516	518	522	rVB5	1725	990	0.06%	0.011%
13	2.799	546	547	552	rVB4	1309	833	0.05%	0.009%
14	2.847	557	562	563	rBV5	1080	1042	0.07%	0.012%
15	3.047	618	624	628	rBV7	1659	1884	0.12%	0.021%
16	3.105	638	642	644	rBV5	2560	2133	0.14%	0.024%
17	3.387	728	730	733	rBV4	1032	807	0.05%	0.009%
18	3.474	755	757	761	rVV4	1279	989	0.06%	0.011%
19	3.696	823	826	830	rVB5	2209	1509	0.10%	0.017%
20	3.757	842	845	847	rBV3	1572	957	0.06%	0.011%
21	3.799	848	858	884	rVV2	54532	177549	11.29%	2.023%
22	4.059	937	939	941	rBV2	1595	819	0.05%	0.009%
23	4.124	955	959	962	rBV6	1356	1112	0.07%	0.013%
24	4.259	990	1001	1028	rVB	121085	304132	19.34%	3.466%
25	4.522	1068	1083	1109	rVB	229425	580546	36.91%	6.616%
26	4.902	1194	1201	1203	rBV8	2317	2409	0.15%	0.027%
27	4.966	1204	1221	1244	rBV3	268085	721121	45.85%	8.218%
28	5.542	1387	1400	1422	rBV	271919	570319	36.26%	6.499%
29	5.760	1464	1468	1472	rBV6	1952	1409	0.09%	0.016%
30	5.841	1480	1493	1513	rBV	806633	1572810	100.00%	17.923%
31	5.998	1532	1542	1561	rVB	165597	334230	21.25%	3.809%
32	6.921	1818	1829	1845	rBV	84782	160617	10.21%	1.830%
33	7.104	1884	1886	1889	rBV4	1616	763	0.05%	0.009%
34	7.201	1913	1916	1919	rBV4	1440	872	0.06%	0.010%
35	7.252	1920	1932	1948	rBV	293619	522640	33.23%	5.956%
36	7.561	2019	2028	2043	rBV2	61321	112883	7.18%	1.286%

LSC Area Percent Report

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Data File : VV030663.D
Acq On : 19 Apr 2023 14:36
Operator : SY/MD
Sample : 02360-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AP9

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\SFAMVLM041723WMA.M
Title : VOC Analysis

37	7.776	2093	2095	2097	rBV3	1702	808	0.05%	0.009%
38	7.860	2118	2121	2122	rBV3	2159	1251	0.08%	0.014%
39	7.976	2156	2157	2162	rVB5	1480	1023	0.07%	0.012%
40	8.034	2166	2175	2191	rBV	168066	317834	20.21%	3.622%
41	8.181	2213	2221	2239	rBV	81343	142367	9.05%	1.622%
42	8.307	2258	2260	2264	rBV4	1904	1162	0.07%	0.013%
43	8.464	2307	2309	2313	rVB5	1955	1121	0.07%	0.013%
44	8.535	2326	2331	2332	rBV4	1601	943	0.06%	0.011%
45	8.792	2401	2411	2434	rBV	420754	725774	46.15%	8.271%
46	9.017	2474	2481	2483	rBV7	1511	1773	0.11%	0.020%
47	9.220	2541	2544	2546	rBV4	1831	997	0.06%	0.011%
48	9.329	2576	2578	2582	rBV4	2014	1283	0.08%	0.015%
49	9.400	2599	2600	2604	rVV4	1739	1136	0.07%	0.013%
50	9.419	2604	2606	2612	rVB7	1941	1701	0.11%	0.019%
51	9.452	2612	2616	2618	rBV5	1561	1202	0.08%	0.014%
52	9.644	2671	2676	2677	rBV5	1166	771	0.05%	0.009%
53	9.667	2679	2683	2684	rBV3	1201	769	0.05%	0.009%
54	9.689	2689	2690	2693	rBV3	1254	818	0.05%	0.009%
55	9.757	2703	2711	2725	rBV6	19975	34151	2.17%	0.389%
56	9.963	2773	2775	2783	rBV9	2029	1600	0.10%	0.018%
57	9.995	2783	2785	2788	rBV4	1499	1166	0.07%	0.013%
58	10.162	2823	2837	2860	rBV	251637	404463	25.72%	4.609%
59	10.333	2879	2890	2898	rBV4	8476	16255	1.03%	0.185%
60	10.384	2903	2906	2910	rBV6	1142	909	0.06%	0.010%
61	10.490	2937	2939	2944	rBV6	1020	947	0.06%	0.011%
62	10.590	2967	2970	2974	rBV6	1686	1315	0.08%	0.015%
63	10.683	2997	2999	3001	rVB3	1807	796	0.05%	0.009%
64	10.705	3001	3006	3008	rBV6	1647	1710	0.11%	0.019%
65	10.869	3056	3057	3062	rVB5	1325	842	0.05%	0.010%
66	10.995	3093	3096	3098	rBV4	1743	1111	0.07%	0.013%
67	11.098	3117	3128	3141	rBV3	69327	114968	7.31%	1.310%
68	11.194	3147	3158	3180	rVB	436822	710599	45.18%	8.098%
69	11.349	3204	3206	3211	rBV6	1788	1460	0.09%	0.017%
70	11.451	3234	3238	3240	rBV5	1643	1225	0.08%	0.014%
71	11.500	3249	3253	3255	rBV5	1793	1222	0.08%	0.014%
72	11.570	3263	3275	3293	rBV	341321	574942	36.56%	6.552%
73	11.760	3329	3334	3335	rBV5	2048	1408	0.09%	0.016%
74	11.911	3378	3381	3384	rVB5	1459	770	0.05%	0.009%
75	12.258	3485	3489	3491	rBV4	1301	978	0.06%	0.011%
76	12.294	3491	3500	3514	rBV2	84270	134305	8.54%	1.530%

LSC Area Percent Report

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Acq On : 19 Apr 2023 14:36
Operator : SY/MD
Sample : 02360-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

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\SFAMVLM041723WMA.M
Title : VOC Analysis

77	12.397	3530	3532	3534	rBV2	1689	819	0.05%	0.009%
78	12.532	3572	3574	3580	rBV6	1134	802	0.05%	0.009%
79	12.570	3583	3586	3588	rBV3	1837	983	0.06%	0.011%
80	12.648	3607	3610	3612	rBV4	1224	824	0.05%	0.009%
81	12.699	3623	3626	3628	rBV3	1542	1130	0.07%	0.013%
82	12.853	3672	3674	3680	rBV7	897	915	0.06%	0.010%
83	12.924	3694	3696	3698	rBV3	1853	956	0.06%	0.011%
84	13.056	3732	3737	3740	rBV7	1744	1683	0.11%	0.019%
85	13.098	3743	3750	3751	rBV6	2400	2330	0.15%	0.027%
86	13.188	3776	3778	3780	rBV3	1324	885	0.06%	0.010%
87	13.345	3825	3827	3830	rBV4	1288	782	0.05%	0.009%
88	13.387	3834	3840	3841	rBV6	2896	2924	0.19%	0.033%
89	13.442	3855	3857	3860	rBV4	1621	1206	0.08%	0.014%
90	13.516	3877	3880	3882	rBV4	1346	1058	0.07%	0.012%
91	13.557	3891	3893	3899	rVV7	1365	1217	0.08%	0.014%
92	13.673	3926	3929	3930	rBV3	1722	986	0.06%	0.011%
93	13.763	3954	3957	3959	rVB4	1623	841	0.05%	0.010%
94	13.863	3986	3988	3992	rVB4	1129	796	0.05%	0.009%
95	14.088	4055	4058	4059	rBV2	2233	1359	0.09%	0.015%
96	14.210	4094	4096	4099	rBV4	1534	864	0.05%	0.010%
97	14.287	4118	4120	4123	rVB4	2214	1002	0.06%	0.011%
98	14.911	4311	4314	4316	rBV3	1549	1313	0.08%	0.015%
99	15.223	4409	4411	4413	rBV2	1725	856	0.05%	0.010%
100	15.284	4426	4430	4434	rBV7	2039	2073	0.13%	0.024%

Sum of corrected areas: 8775363

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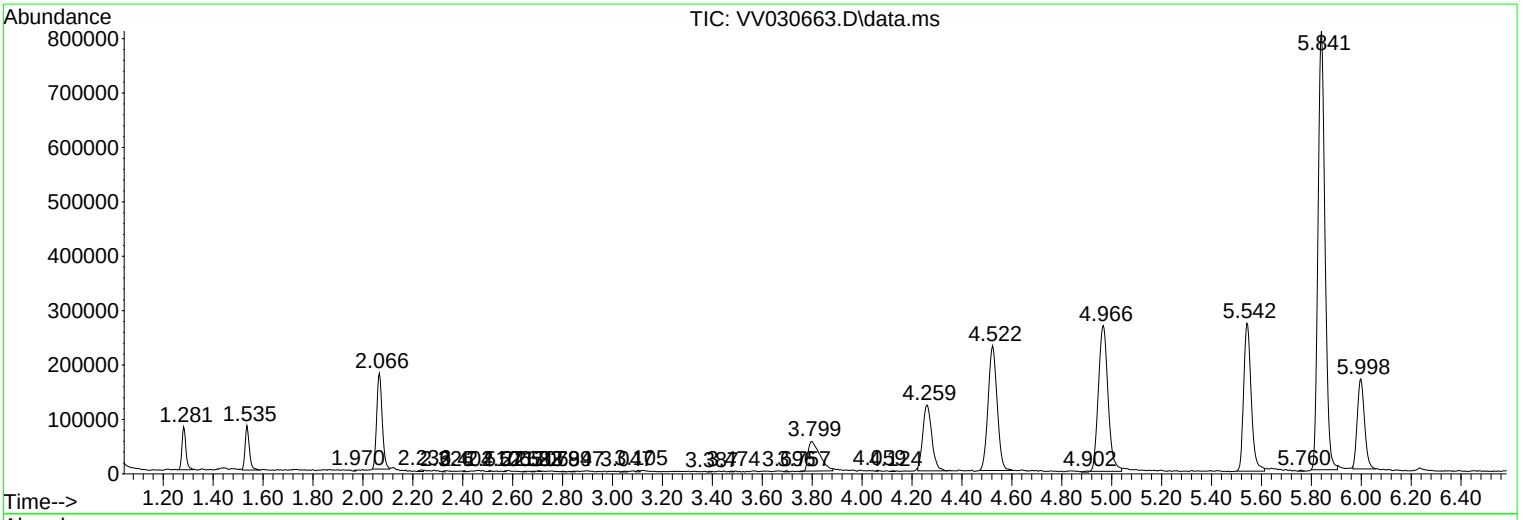
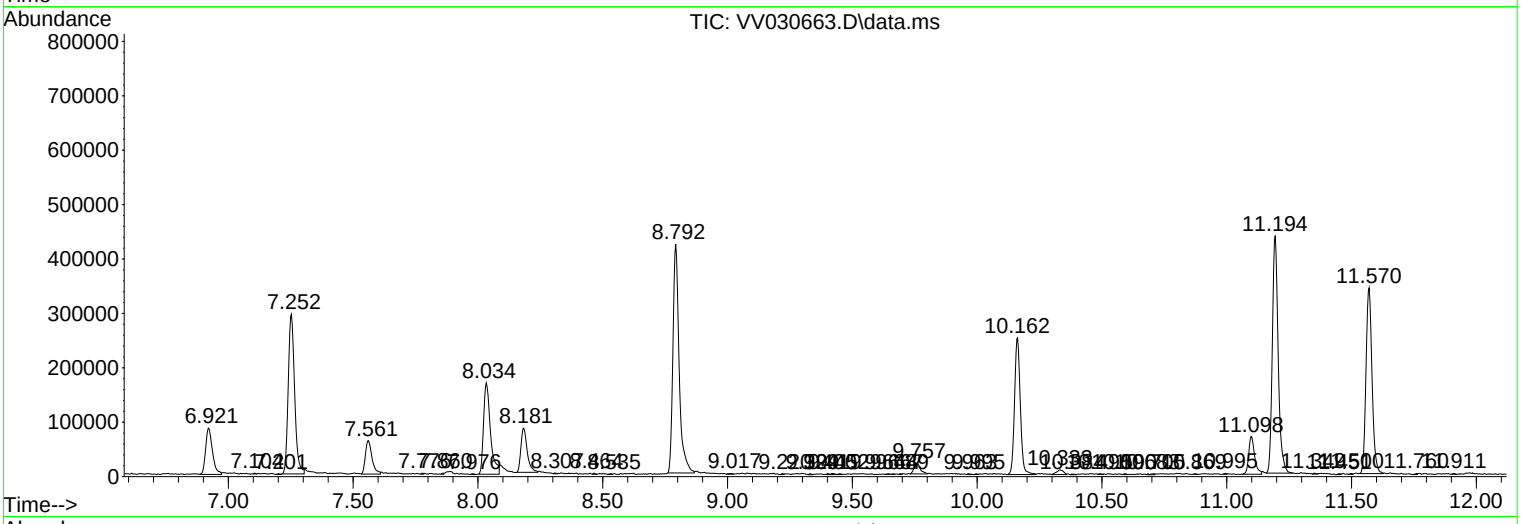
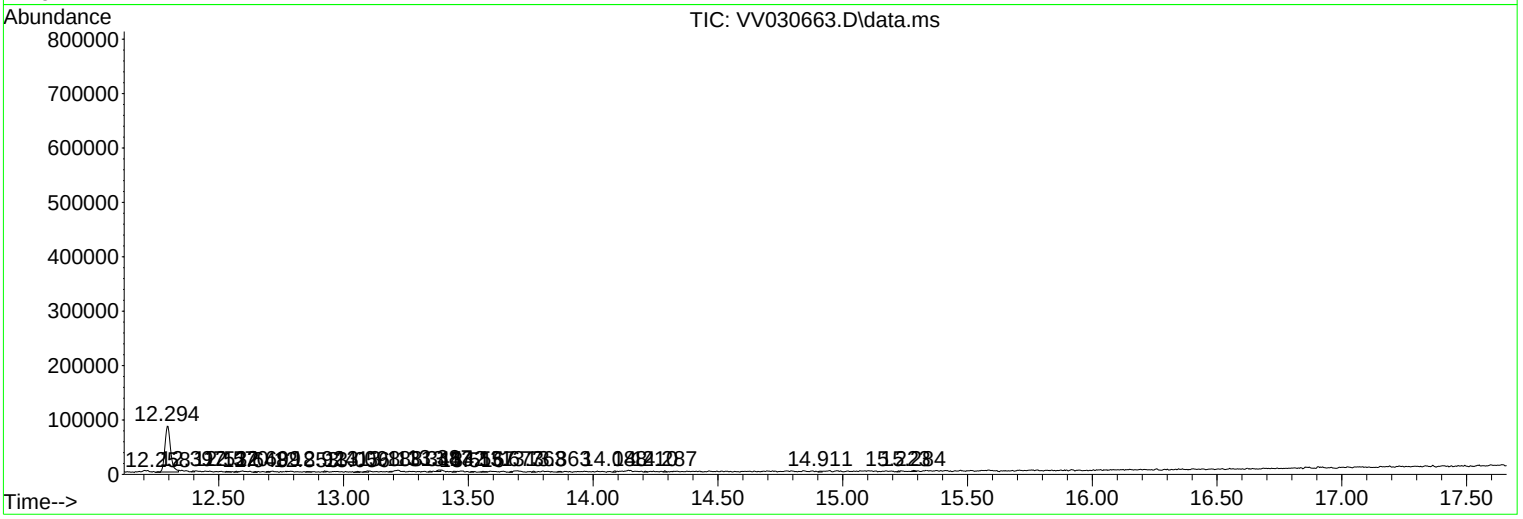
Instrument :
MSVOA_V
ClientSampleId :
C0AP9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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







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Instrument :
MSVOA_V
ClientSampleId :
C0AP9

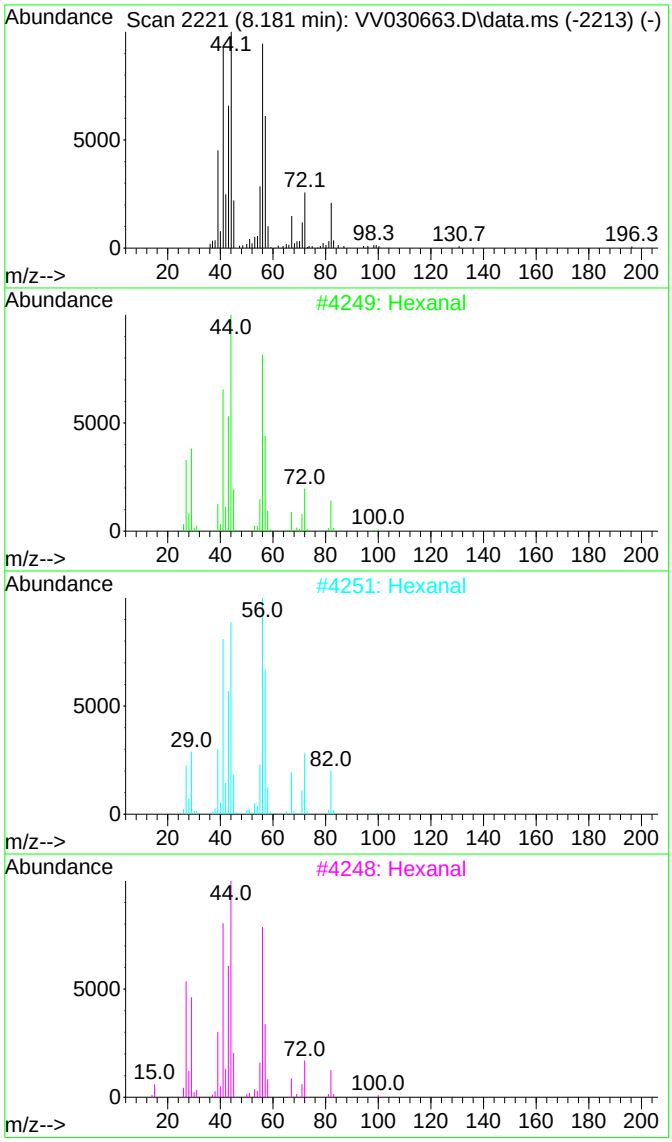
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

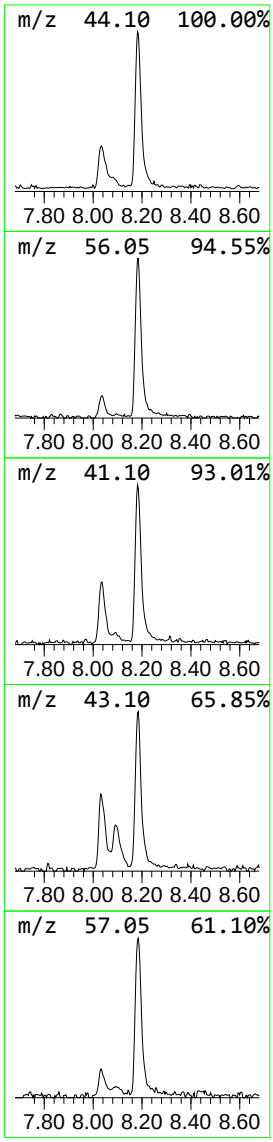
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.181	9.81 ug/L	142367	Chlorobenzene-d5	8.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	93
2	Hexanal	100	C6H12O	000066-25-1	72
3	Hexanal	100	C6H12O	000066-25-1	68
4	Hexanal	100	C6H12O	000066-25-1	59
5	Hexanal	100	C6H12O	000066-25-1	53





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Instrument :
MSVOA_V
ClientSampleId :
C0AP9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

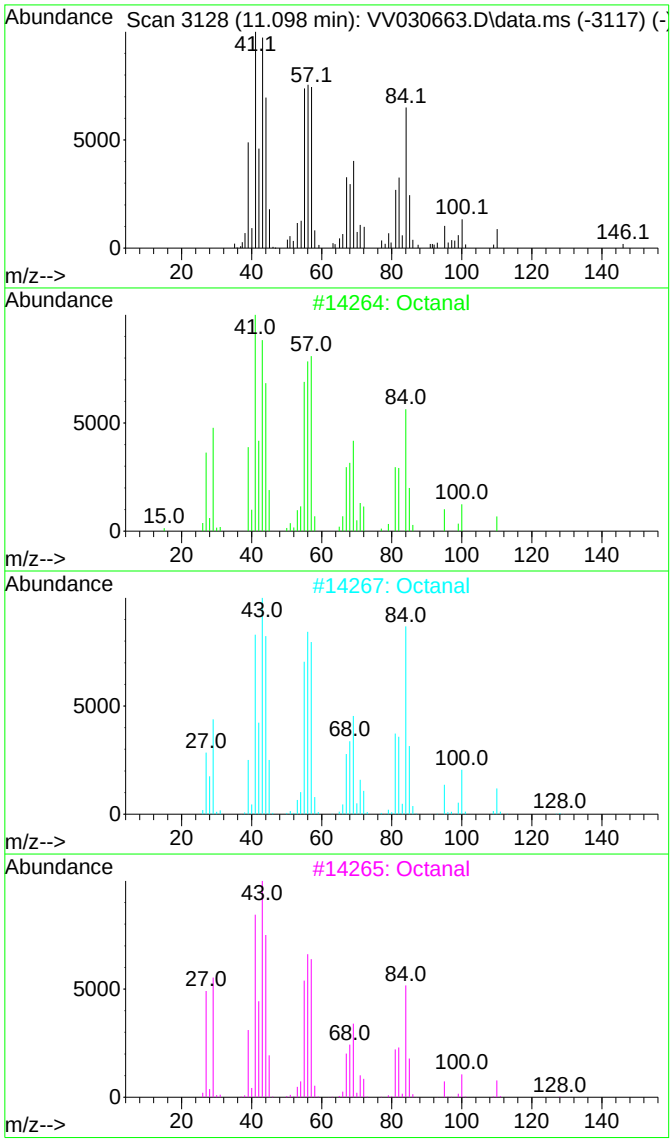
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

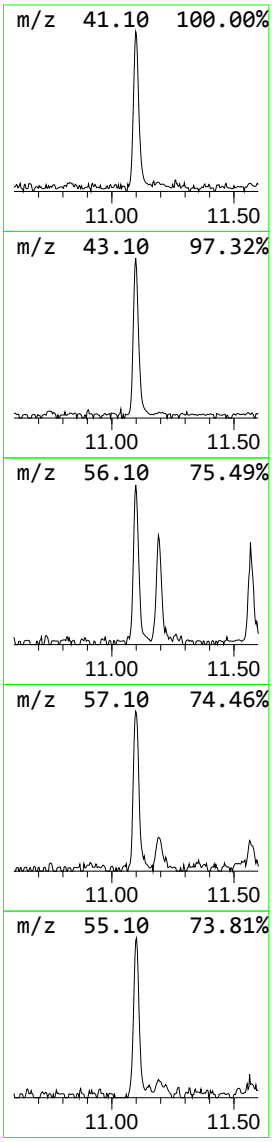
****

Peak Number 3 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	8.09 ug/L	114968	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	86
5	Octanal	128	C8H16O	000124-13-0	86





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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

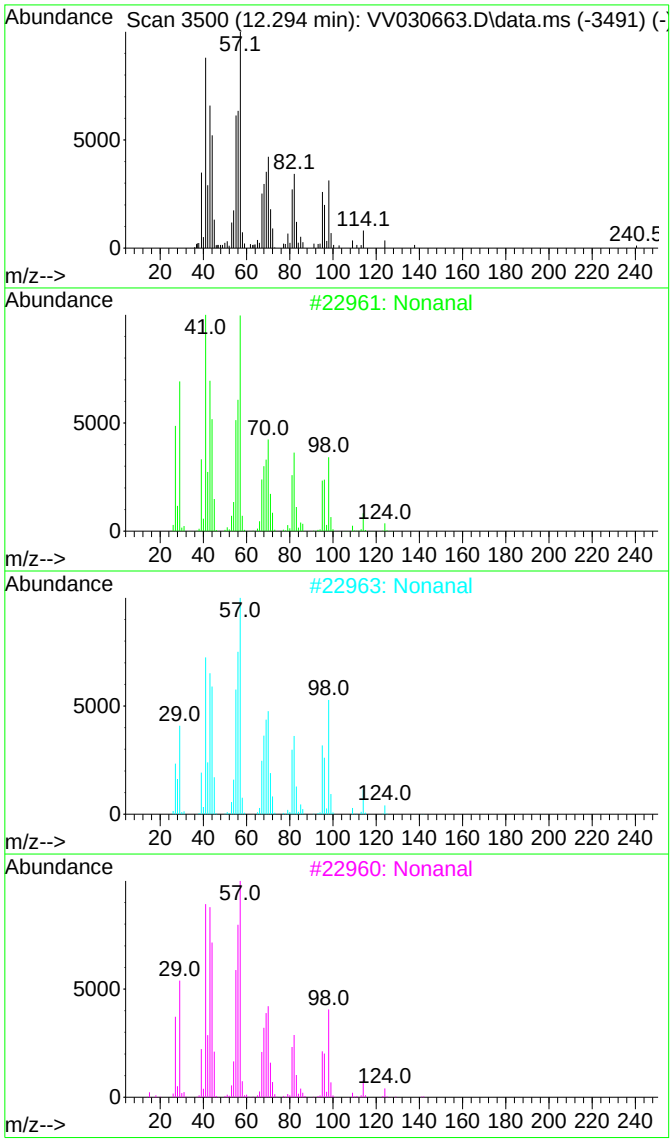
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

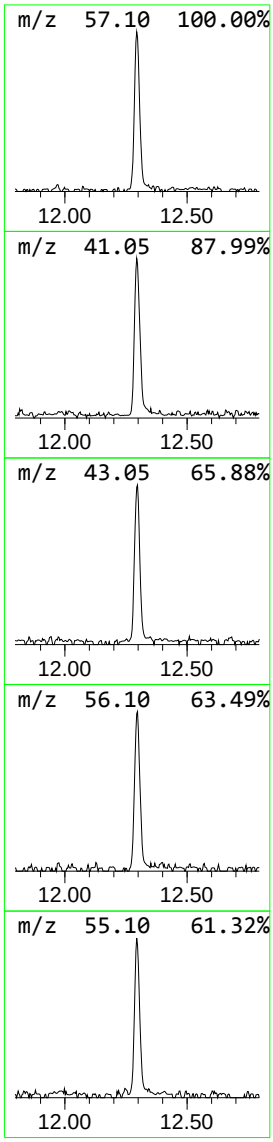
****

Peak Number 4 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.294	9.45 ug/L	134305	1,4-Dichlorobenzene-d4	11.194

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	86
4	Nonanal	142	C9H18O	000124-19-6	80
5	Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.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	8.181	9.8	ug/L	142367	2	8.792	725774	50.0
Octanal	11.098	8.1	ug/L	114968	3	11.194	710599	50.0
Nonanal	12.294	9.4	ug/L	134305	3	11.194	710599	50.0