LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036052.D
Acq On : 13 Jun 2024 11:05
Operator : SY/MD
Sample : P2850-09
Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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: VV036052.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	247767	271752	3.94%	1.351%
2	1.359	93	99	121	rVB	31115	56775	0.82%	0.282%
3	1.529	145	152	164	rVB	194925	228629	3.32%	1.137%
4	2.053	305	315	331	rBV	406205	585461	8.49%	2.910%
5	2.442	424	436	458	rBV	121331	205442	2.98%	1.021%
6	2.603	483	486	489	rVV2	392	270	0.00%	0.001%
7	2.658	496	503	504	rBV4	531	557	0.01%	0.003%
8	2.696	507	515	528	rVV4	6309	12533	0.18%	0.062%
9	2.745	528	530	533	rVB3	505	320	0.00%	0.002%
10	2.847	558	562	567	rVB3	436	343	0.00%	0.002%
11	2.880	569	572	573	rBV2	723	438	0.01%	0.002%
12	2.896	573	577	584	rVV6	1314	1783	0.03%	0.009%
13	2.925	584	586	588	rVV3	593	344	0.00%	0.002%
14	2.963	588	598	620	rVB3	13770	29655	0.43%	0.147%
15	3.044	620	623	627	rVB3	329	276	0.00%	0.001%
16	3.111	631	644	655	rBV3	6528	13174	0.19%	0.065%
17	3.307	700	705	707	rBV2	308	284	0.00%	0.001%
18	3.368	717	724	725	rBV	483	322	0.00%	0.002%
19	3.455	748	751	754	rBV2	418	289	0.00%	0.001%
20	3.661	809	815	816	rBV2	1220	1012	0.01%	0.005%
21	3.806	845	860	915	rBV	2899717	6895720	100.00%	34.279%
22	4.246	982	997	1027	rBV	234682	612957	8.89%	3.047%
23	4.661	1123	1126	1132	rVB5	603	657	0.01%	0.003%
24	4.690	1133	1135	1138	rVV2	407	303	0.00%	0.002%
25	4.703	1138	1139	1143	rVV2	656	346	0.01%	0.002%
26	4.834	1176	1180	1184	rBV4	597	512	0.01%	0.003%
27	4.953	1202	1217	1251	rBV2	557987	1459083	21.16%	7.253%
28	5.166	1281	1283	1286	rBV3	670	318	0.00%	0.002%
29	5.532	1386	1397	1429	rBV	365422	780202	11.31%	3.878%
30	5.760	1466	1468	1471	rBV3	584	301	0.00%	0.001%
31	5.831	1476	1490	1525	rVV2	109625	260683	3.78%	1.296%
32	5.986	1525	1538	1582	rBV	325387	688612	9.99%	3.423%
33	6.252	1614	1621	1623	rBV6	3415	3650	0.05%	0.018%
34	6.432	1671	1677	1684	rBV5	891	1396	0.02%	0.007%
35	6.532	1705	1708	1711	rBV4	392	266	0.00%	0.001%
36	6.651	1741	1745	1747	rBV2	492	342	0.00%	0.002%

LSC Area Percent Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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	6.722	1765	1767	1771	rVB2	424	264	0.00%	0.001%
38	6.757	1775	1778	1781	rBV4	384	284	0.00%	0.001%
39	6.838	1800	1803	1806	rBV2	615	402	0.01%	0.002%
40	6.912	1814	1826	1860	rBV	133339	271435	3.94%	1.349%
41	7.240	1917	1928	1948	rBV	596801	1069887	15.52%	5.318%
42	7.458	1995	1996	2000	rBV2	464	331	0.00%	0.002%
43	7.555	2017	2026	2050	rBV	90594	176012	2.55%	0.875%
44	7.703	2070	2072	2074	rBV3	653	381	0.01%	0.002%
45	7.802	2101	2103	2106	rVB2	630	274	0.00%	0.001%
46	7.902	2115	2134	2155	rBV	1197203	2039218	29.57%	10.137%
47	8.030	2166	2174	2213	rBV	151758	340367	4.94%	1.692%
48	8.182	2213	2221	2246	rVB2	37943	77428	1.12%	0.385%
49	8.516	2321	2325	2329	rBV3	580	557	0.01%	0.003%
50	8.596	2348	2350	2353	rBV2	602	411	0.01%	0.002%
51	8.783	2397	2408	2439	rBV	602131	1019973	14.79%	5.070%
52	9.008	2469	2478	2492	rVB2	6128	10449	0.15%	0.052%
53	9.297	2563	2568	2570	rBV3	515	490	0.01%	0.002%
54	9.371	2586	2591	2596	rVB5	499	658	0.01%	0.003%
55	9.416	2602	2605	2611	rVB4	562	376	0.01%	0.002%
56	9.484	2622	2626	2627	rBV	817	529	0.01%	0.003%
57	9.577	2653	2655	2656	rBV2	608	265	0.00%	0.001%
58	9.632	2670	2672	2675	rVB2	671	278	0.00%	0.001%
59	9.712	2692	2697	2698	rBV3	508	360	0.01%	0.002%
60	9.751	2702	2709	2733	rBV4	27516	58321	0.85%	0.290%
61	9.979	2776	2780	2784	rVB5	720	552	0.01%	0.003%
62	10.014	2788	2791	2794	rVB4	569	339	0.00%	0.002%
63	10.040	2796	2799	2801	rBV3	579	268	0.00%	0.001%
64	10.108	2811	2820	2822	rBV6	1106	1482	0.02%	0.007%
65	10.149	2822	2833	2860	rVB	310994	508585	7.38%	2.528%
66	10.323	2876	2887	2899	rVB2	36248	59590	0.86%	0.296%
67	10.378	2901	2904	2907	rBV3	378	276	0.00%	0.001%
68	10.410	2910	2914	2915	rBV3	564	443	0.01%	0.002%
69	10.468	2925	2932	2935	rBV6	1649	1826	0.03%	0.009%
70	10.516	2939	2947	2955	rVV5	3440	5265	0.08%	0.026%
71	10.577	2962	2966	2970	rVB2	591	630	0.01%	0.003%
72	10.786	3027	3031	3033	rBV4	614	410	0.01%	0.002%
73	10.866	3052	3056	3059	rVB5	527	339	0.00%	0.002%
74	10.908	3067	3069	3072	rBV2	398	288	0.00%	0.001%
75	11.021	3099	3104	3106	rBV5	970	907	0.01%	0.005%
76	11.088	3116	3125	3143	rBV2	72121	128032	1.86%	0.636%

LSC Area Percent Report

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Acq On : 13 Jun 2024 11:05
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Sample : P2850-09
Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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

77	11.181	3144	3154	3187	rVB	613961	976647	14.16%	4.855%
78	11.442	3227	3235	3242	rBV10	1526	2654	0.04%	0.013%
79	11.490	3242	3250	3260	rBV3	15828	32709	0.47%	0.163%
80	11.558	3260	3271	3294	rVB	632373	992869	14.40%	4.936%
81	12.027	3415	3417	3419	rBV2	646	323	0.00%	0.002%
82	12.124	3445	3447	3449	rBV2	630	329	0.00%	0.002%
83	12.191	3460	3468	3480	rVB2	22475	35781	0.52%	0.178%
84	12.284	3488	3497	3519	rBV2	56995	103145	1.50%	0.513%
85	12.529	3570	3573	3577	rVB4	1269	925	0.01%	0.005%
86	12.763	3641	3646	3647	rBV4	1144	805	0.01%	0.004%
87	12.825	3659	3665	3677	rVB4	8627	12659	0.18%	0.063%
88	12.969	3705	3710	3711	rBV4	1016	809	0.01%	0.004%
89	13.043	3726	3733	3737	rBV6	1097	1419	0.02%	0.007%
90	13.075	3740	3743	3745	rBV2	712	513	0.01%	0.003%
91	13.207	3779	3784	3786	rBV4	1483	1453	0.02%	0.007%
92	13.387	3834	3840	3844	rBV6	3197	4223	0.06%	0.021%
93	13.529	3881	3884	3891	rVB6	1547	1343	0.02%	0.007%
94	13.683	3928	3932	3939	rVB7	3377	4075	0.06%	0.020%
95	13.808	3969	3971	3972	rBV3	688	305	0.00%	0.002%
96	13.841	3973	3981	3990	rVB5	8139	11406	0.17%	0.057%
97	13.982	4016	4025	4037	rBV2	16032	26789	0.39%	0.133%
98	14.532	4191	4196	4203	rVB7	1523	1964	0.03%	0.010%
99	14.586	4209	4213	4217	rBV4	1893	1774	0.03%	0.009%
100	15.580	4516	4522	4531	rVB3	6040	8232	0.12%	0.041%

Sum of corrected areas: 20116340

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
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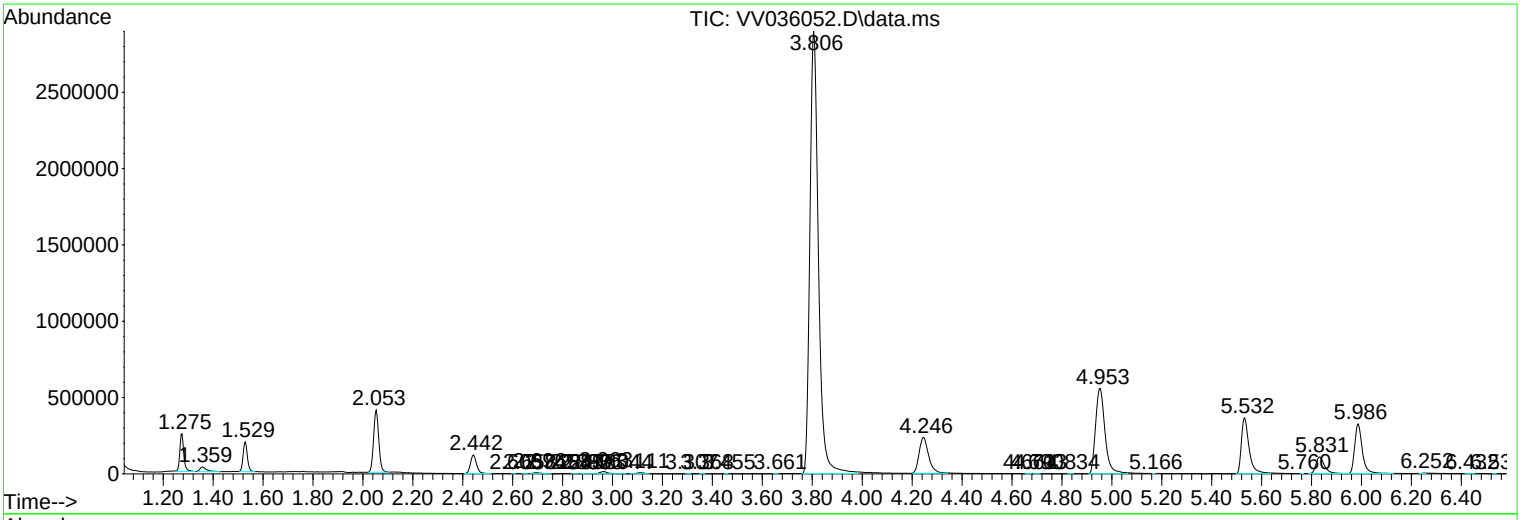
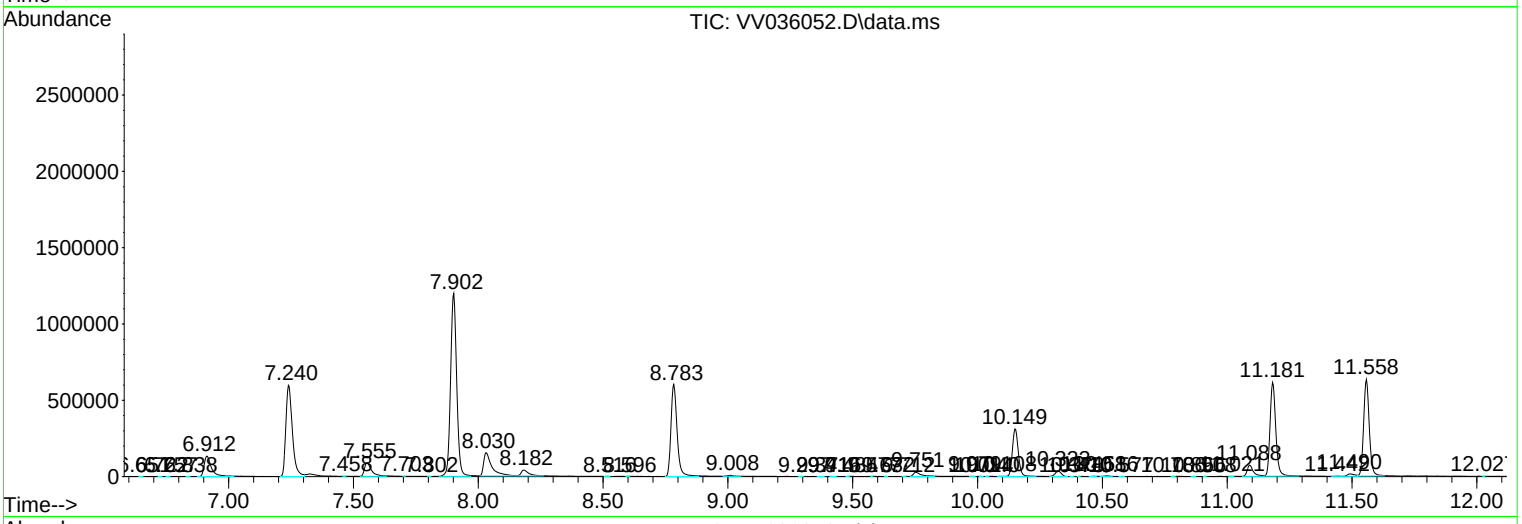
ALS Vial : 7 Sample Multiplier: 1

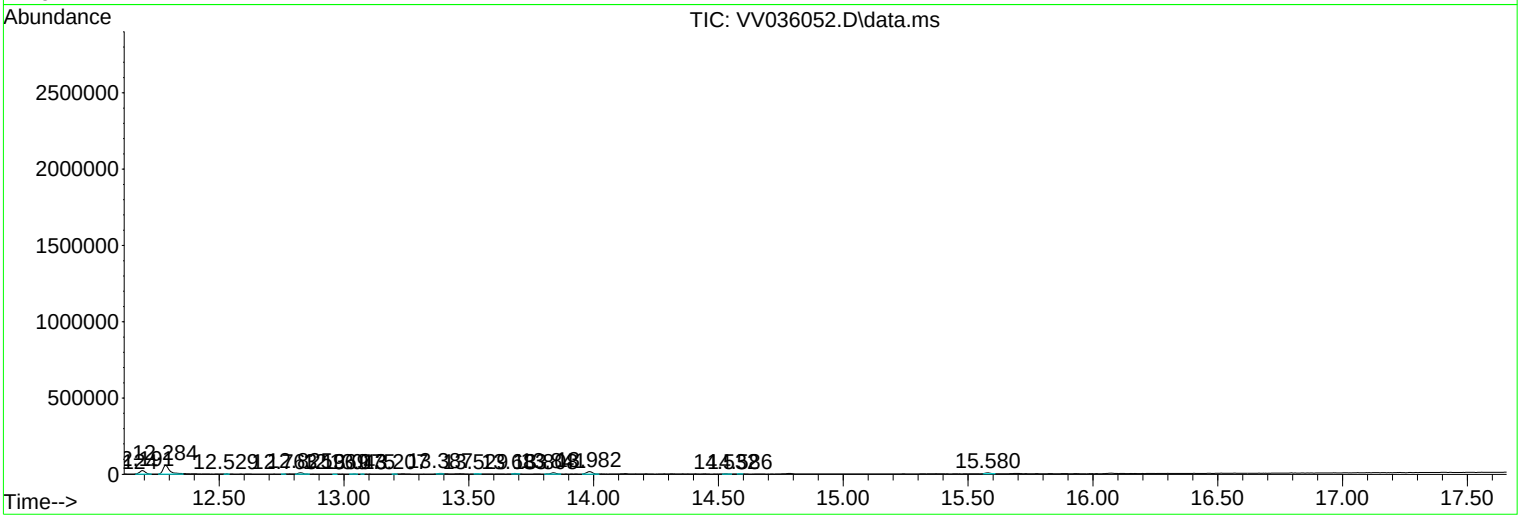
Instrument :
MSVOA_V
ClientSampleId :
BHB10

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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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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

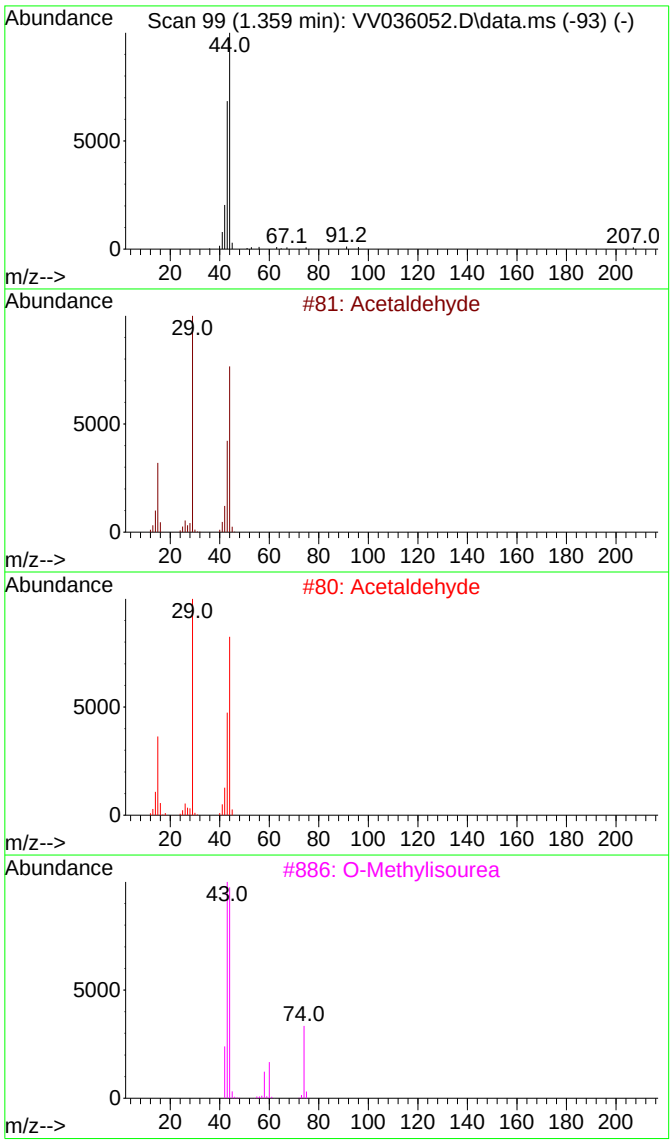
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

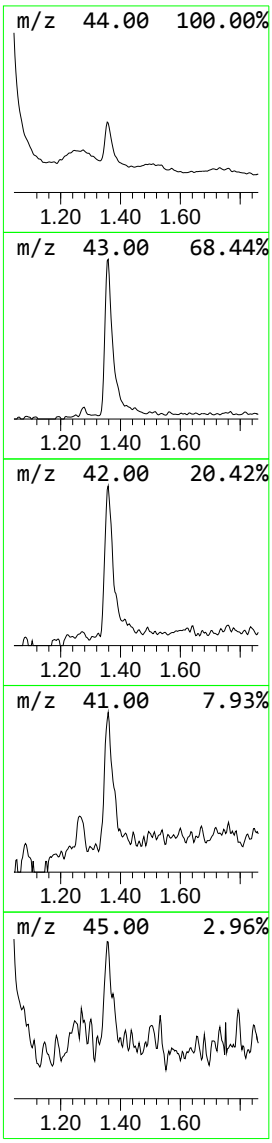
****

Peak Number 1 Acetaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	1.82 ug/L	56775	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	O-Methylisourea	74	C2H6N2O	002440-60-0	9
4	Propane	44	C3H8	000074-98-6	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
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MSVOA_V
ClientSampleId :
BHB10

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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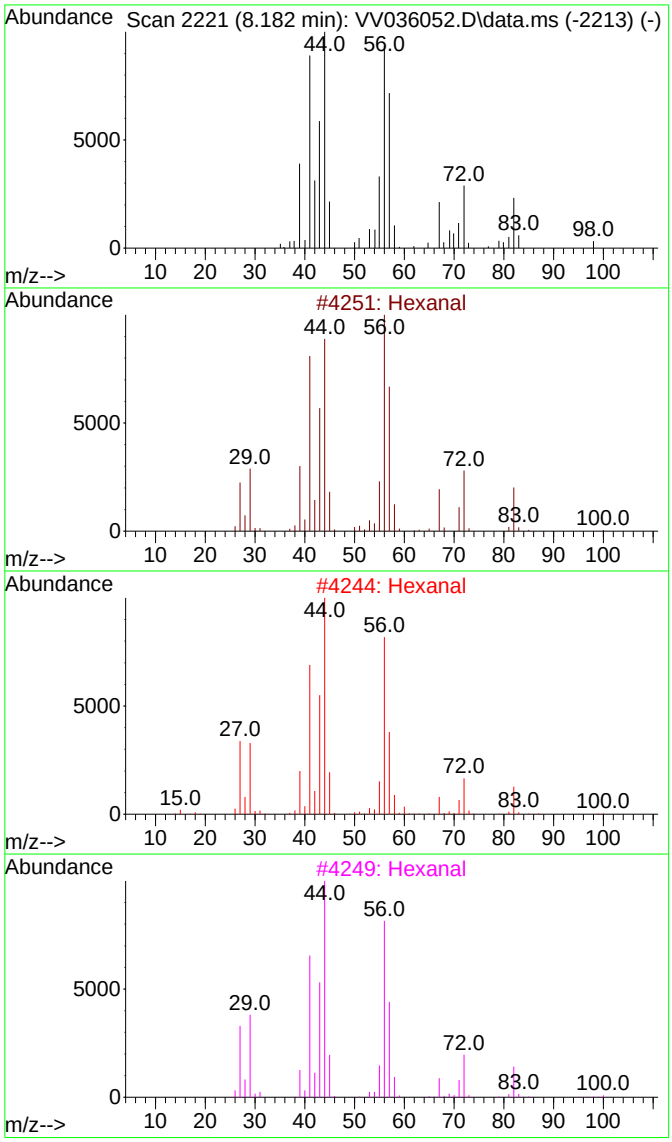
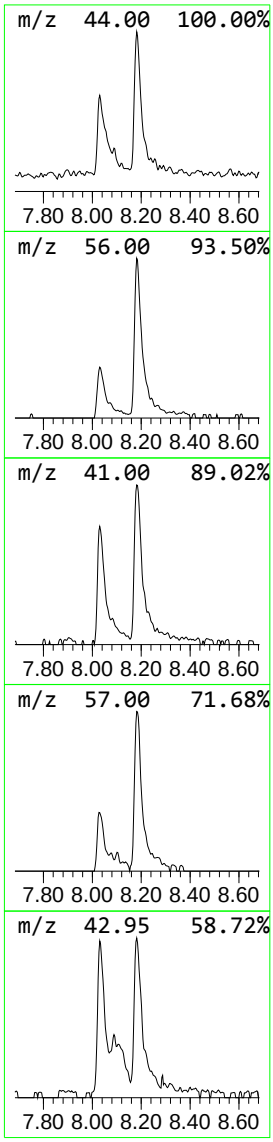
Peak Number 3 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.182	1.90 ug/L	77428	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	59
4	Hexanal	100	C6H12O	000066-25-1	53
5	Hexanal	100	C6H12O	000066-25-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036052.D
Acq On : 13 Jun 2024 11:05
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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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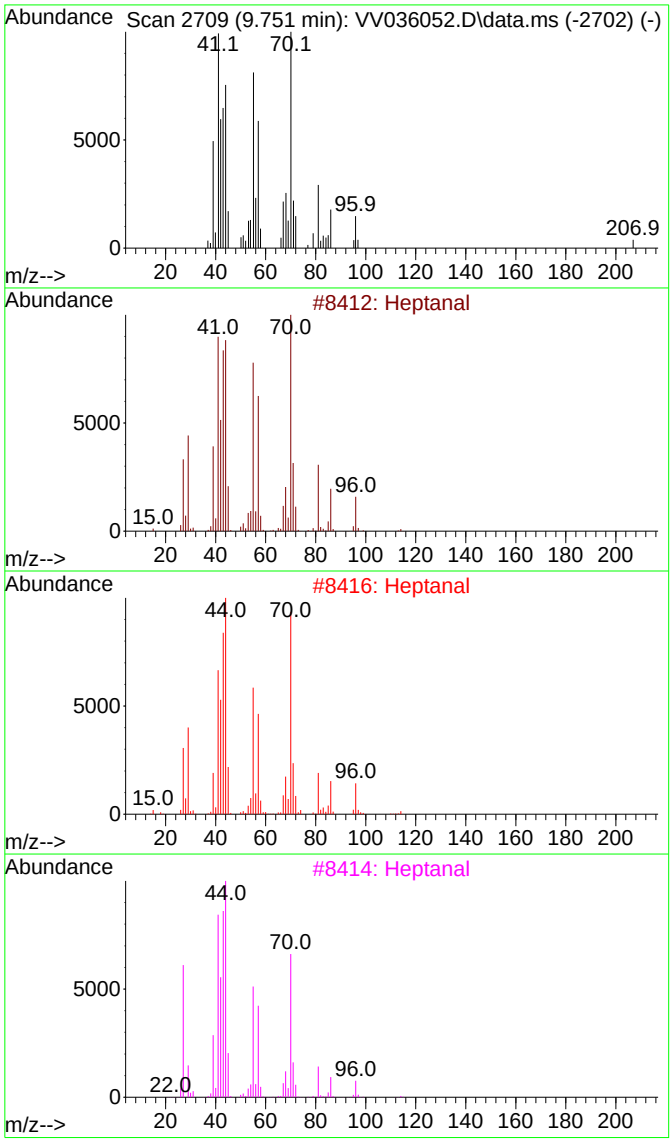
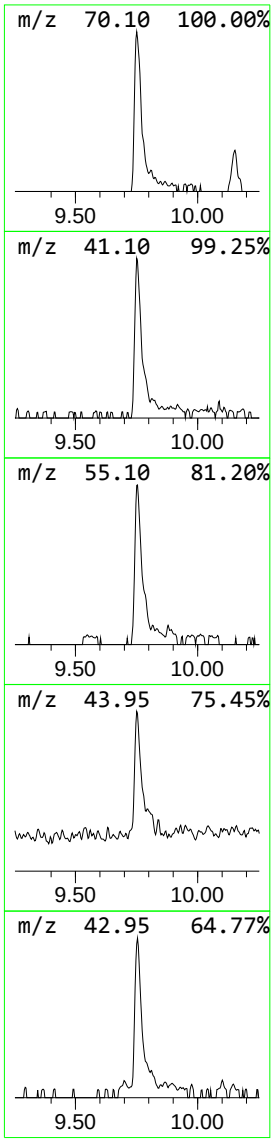
Peak Number 4 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	1.43 ug/L	58321	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	64
2	Heptanal	114	C7H14O	000111-71-7	59
3	Heptanal	114	C7H14O	000111-71-7	59
4	Heptanal	114	C7H14O	000111-71-7	59
5	Heptanal	114	C7H14O	000111-71-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036052.D
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Operator : SY/MD
Sample : P2850-09
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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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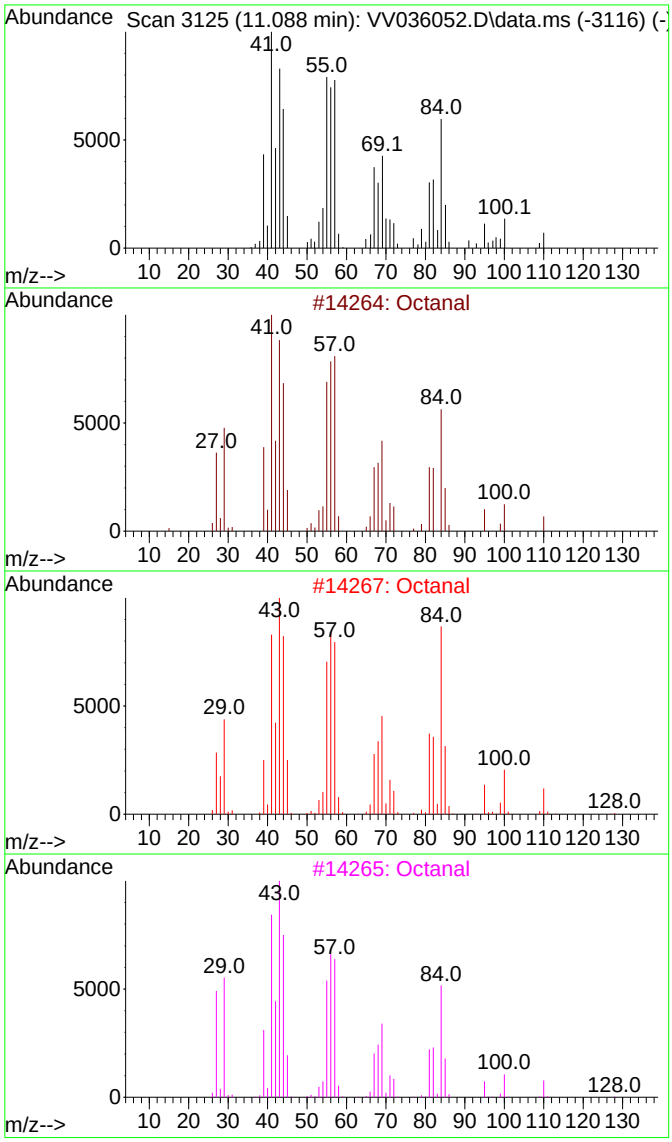
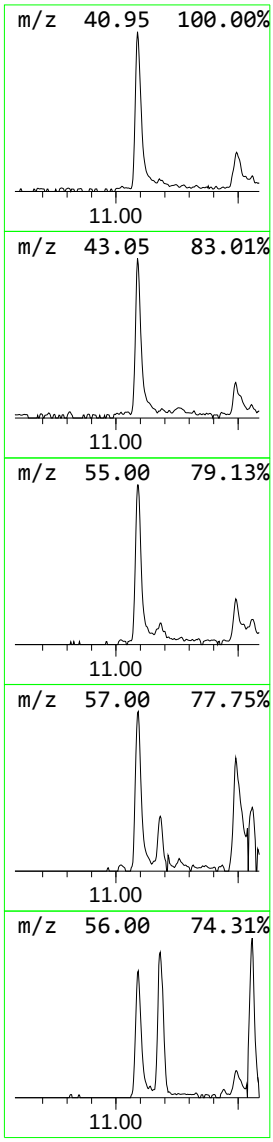
Peak Number 6 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	3.28 ug/L	128032	1,4-Dichlorobenzene-d4	11.182

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	86
4	Octanal	128	C8H16O	000124-13-0	78
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036052.D
Acq On : 13 Jun 2024 11:05
Operator : SY/MD
Sample : P2850-09
Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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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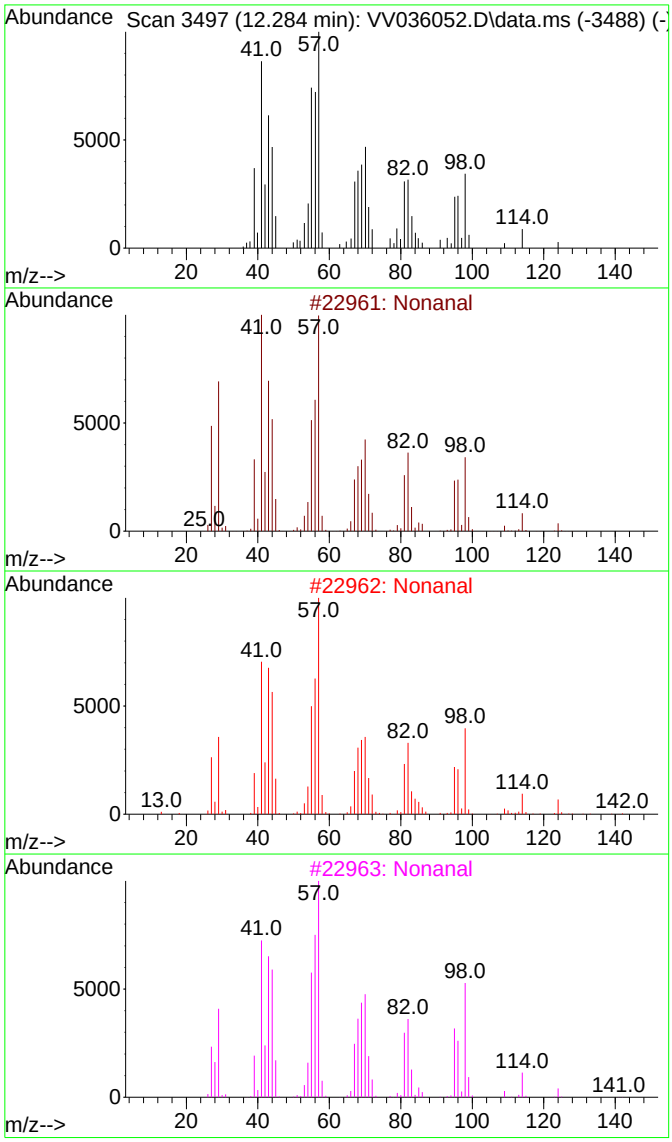
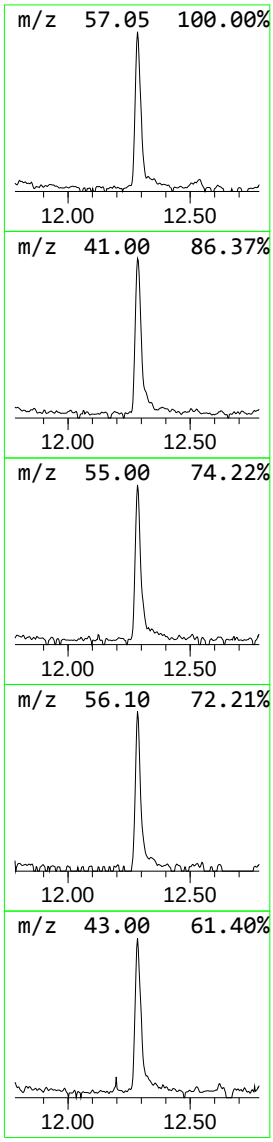
Peak Number 7 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	2.64 ug/L	103145	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	86
2	Nonanal	142	C9H18O	000124-19-6	72
3	Nonanal	142	C9H18O	000124-19-6	72
4	Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	30
5	Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036052.D
Acq On : 13 Jun 2024 11:05
Operator : SY/MD
Sample : P2850-09
Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB10

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	1.8	ug/L	56775	1	5.532	780202	25.0
Hexanal	8.182	1.9	ug/L	77428	2	8.783	1019970	25.0
Heptanal	9.751	1.4	ug/L	58321	2	8.783	1019970	25.0
Octanal	11.088	3.3	ug/L	128032	3	11.182	976647	25.0
Nonanal	12.284	2.6	ug/L	103145	3	11.182	976647	25.0