LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

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: VV036050.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	8	13	28	rVB	169698	178933	15.92%	2.203%
2	1.275	66	73	85	rVB	268931	292477	26.03%	3.600%
3	1.349	91	96	103	rBV	52141	57299	5.10%	0.705%
4	1.529	145	152	166	rVB	176198	204788	18.23%	2.521%
5	2.053	305	315	328	rBV	354238	523765	46.61%	6.448%
6	2.124	330	337	361	rVB	46632	109206	9.72%	1.344%
7	2.237	366	372	382	rVB2	4079	6212	0.55%	0.076%
8	2.442	426	436	452	rVB	104784	174986	15.57%	2.154%
9	2.603	482	486	489	rBV5	749	805	0.07%	0.010%
10	2.864	563	567	568	rBV3	499	370	0.03%	0.005%
11	2.963	584	598	616	rBV2	18924	40664	3.62%	0.501%
12	3.220	675	678	686	rVB6	573	644	0.06%	0.008%
13	3.262	686	691	695	rBV4	539	552	0.05%	0.007%
14	3.288	695	699	703	rVB3	581	463	0.04%	0.006%
15	3.626	794	804	827	rBV5	9609	30938	2.75%	0.381%
16	3.812	851	862	890	rBV3	52741	164081	14.60%	2.020%
17	4.240	977	995	1027	rBV	182217	485038	43.17%	5.971%
18	4.703	1135	1139	1143	rVB5	387	399	0.04%	0.005%
19	4.786	1158	1165	1168	rBV5	552	653	0.06%	0.008%
20	4.950	1201	1216	1255	rBV2	424674	1123652	100.00%	13.832%
21	5.153	1276	1279	1283	rBV4	2060	2005	0.18%	0.025%
22	5.333	1333	1335	1339	rVB3	760	438	0.04%	0.005%
23	5.355	1340	1342	1348	rVB4	1006	743	0.07%	0.009%
24	5.391	1348	1353	1354	rBV3	775	697	0.06%	0.009%
25	5.416	1356	1361	1365	rVV6	1106	1025	0.09%	0.013%
26	5.529	1385	1396	1426	rBV	235199	510482	45.43%	6.284%
27	5.783	1471	1475	1477	rBV2	489	362	0.03%	0.004%
28	5.828	1477	1489	1506	rBV6	16482	40557	3.61%	0.499%
29	5.982	1525	1537	1568	rVV	242573	514609	45.80%	6.335%
30	6.478	1687	1691	1694	rBV3	419	457	0.04%	0.006%
31	6.551	1710	1714	1716	rBV5	536	352	0.03%	0.004%
32	6.568	1716	1719	1726	rVB4	503	450	0.04%	0.006%
33	6.603	1726	1730	1732	rVB	536	404	0.04%	0.005%
34	6.719	1764	1766	1771	rVB2	722	565	0.05%	0.007%
35	6.912	1816	1826	1848	rBV	90821	184279	16.40%	2.268%
36	7.240	1917	1928	1949	rBV	459382	824802	73.40%	10.153%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

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	7.423	1983	1985	1989	rVB3	879	419	0.04%	0.005%
38	7.555	2017	2026	2058	rVB2	55947	112642	10.02%	1.387%
39	7.870	2115	2124	2131	rBV2	12298	21890	1.95%	0.269%
40	8.027	2165	2173	2218	rBV2	86687	207074	18.43%	2.549%
41	8.201	2219	2227	2235	rBV8	4719	9630	0.86%	0.119%
42	8.539	2329	2332	2335	rVB4	836	563	0.05%	0.007%
43	8.561	2335	2339	2340	rBV2	526	427	0.04%	0.005%
44	8.693	2376	2380	2383	rBV3	413	424	0.04%	0.005%
45	8.722	2383	2389	2394	rBV4	913	1054	0.09%	0.013%
46	8.783	2394	2408	2433	rBV	362315	626457	55.75%	7.712%
47	9.008	2472	2478	2488	rVB5	2734	3762	0.33%	0.046%
48	9.185	2531	2533	2535	rVB3	1025	466	0.04%	0.006%
49	9.201	2535	2538	2543	rBV3	414	404	0.04%	0.005%
50	9.477	2621	2624	2626	rBV2	992	703	0.06%	0.009%
51	9.490	2626	2628	2631	rVB3	888	470	0.04%	0.006%
52	9.577	2645	2655	2658	rBV7	1284	2162	0.19%	0.027%
53	9.786	2712	2720	2727	rVB5	1125	1725	0.15%	0.021%
54	9.838	2733	2736	2739	rVB3	756	365	0.03%	0.004%
55	10.005	2785	2788	2790	rVV2	641	363	0.03%	0.004%
56	10.024	2792	2794	2800	rVV3	561	400	0.04%	0.005%
57	10.149	2818	2833	2854	rBV	207387	337552	30.04%	4.155%
58	10.323	2875	2887	2898	rVV2	65756	108567	9.66%	1.336%
59	10.519	2940	2948	2954	rVB6	3070	4542	0.40%	0.056%
60	10.764	3021	3024	3026	rBV2	638	489	0.04%	0.006%
61	10.809	3035	3038	3040	rBV2	741	500	0.04%	0.006%
62	10.857	3048	3053	3055	rBV5	850	790	0.07%	0.010%
63	11.008	3097	3100	3103	rBV	544	444	0.04%	0.005%
64	11.030	3103	3107	3114	rVB5	1009	1107	0.10%	0.014%
65	11.082	3114	3123	3124	rBV5	1048	1235	0.11%	0.015%
66	11.127	3132	3137	3144	rBV8	1974	2540	0.23%	0.031%
67	11.182	3144	3154	3177	rBV	296217	487599	43.39%	6.002%
68	11.326	3194	3199	3202	rBV6	1379	1438	0.13%	0.018%
69	11.432	3228	3232	3233	rBV2	759	438	0.04%	0.005%
70	11.516	3249	3258	3259	rBV4	1727	1957	0.17%	0.024%
71	11.558	3260	3271	3296	rVV	356120	583558	51.93%	7.184%
72	11.731	3320	3325	3332	rVV5	2176	3006	0.27%	0.037%
73	11.776	3335	3339	3347	rVB7	2796	3973	0.35%	0.049%
74	11.886	3369	3373	3377	rBV4	449	419	0.04%	0.005%
75	11.911	3377	3381	3383	rBV4	926	587	0.05%	0.007%
76	12.111	3440	3443	3444	rBV2	672	370	0.03%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

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	12.191	3457	3468	3479	rBV	20754	34407	3.06%	0.424%
78	12.300	3490	3502	3503	rBV6	3166	3720	0.33%	0.046%
79	12.484	3556	3559	3565	rVB6	745	728	0.06%	0.009%
80	12.519	3565	3570	3573	rBV4	1086	1047	0.09%	0.013%
81	12.593	3587	3593	3594	rBV3	943	900	0.08%	0.011%
82	12.747	3638	3641	3644	rBV3	668	524	0.05%	0.006%
83	12.789	3648	3654	3659	rVV7	2067	2956	0.26%	0.036%
84	12.828	3659	3666	3679	rVB3	10878	16049	1.43%	0.198%
85	12.915	3689	3693	3696	rBV3	514	397	0.04%	0.005%
86	13.204	3780	3783	3793	rVB7	2001	3083	0.27%	0.038%
87	13.255	3797	3799	3806	rVB5	803	493	0.04%	0.006%
88	13.297	3810	3812	3818	rVB3	653	560	0.05%	0.007%
89	13.365	3830	3833	3836	rBV4	643	392	0.03%	0.005%
90	13.452	3851	3860	3866	rBV4	3908	6439	0.57%	0.079%
91	13.661	3921	3925	3926	rBV2	983	749	0.07%	0.009%
92	13.686	3926	3933	3944	rVB6	6849	10896	0.97%	0.134%
93	13.763	3953	3957	3959	rBV2	845	711	0.06%	0.009%
94	13.841	3973	3981	3989	rVB3	8081	10837	0.96%	0.133%
95	13.982	4018	4025	4035	rVB	8581	12706	1.13%	0.156%
96	14.265	4109	4113	4116	rBV5	1065	1189	0.11%	0.015%
97	14.529	4191	4195	4200	rBV5	1362	1482	0.13%	0.018%
98	14.587	4208	4213	4215	rBV5	1163	1049	0.09%	0.013%
99	14.638	4226	4229	4231	rBV4	635	372	0.03%	0.005%
100	14.963	4325	4330	4333	rBV2	979	1051	0.09%	0.013%

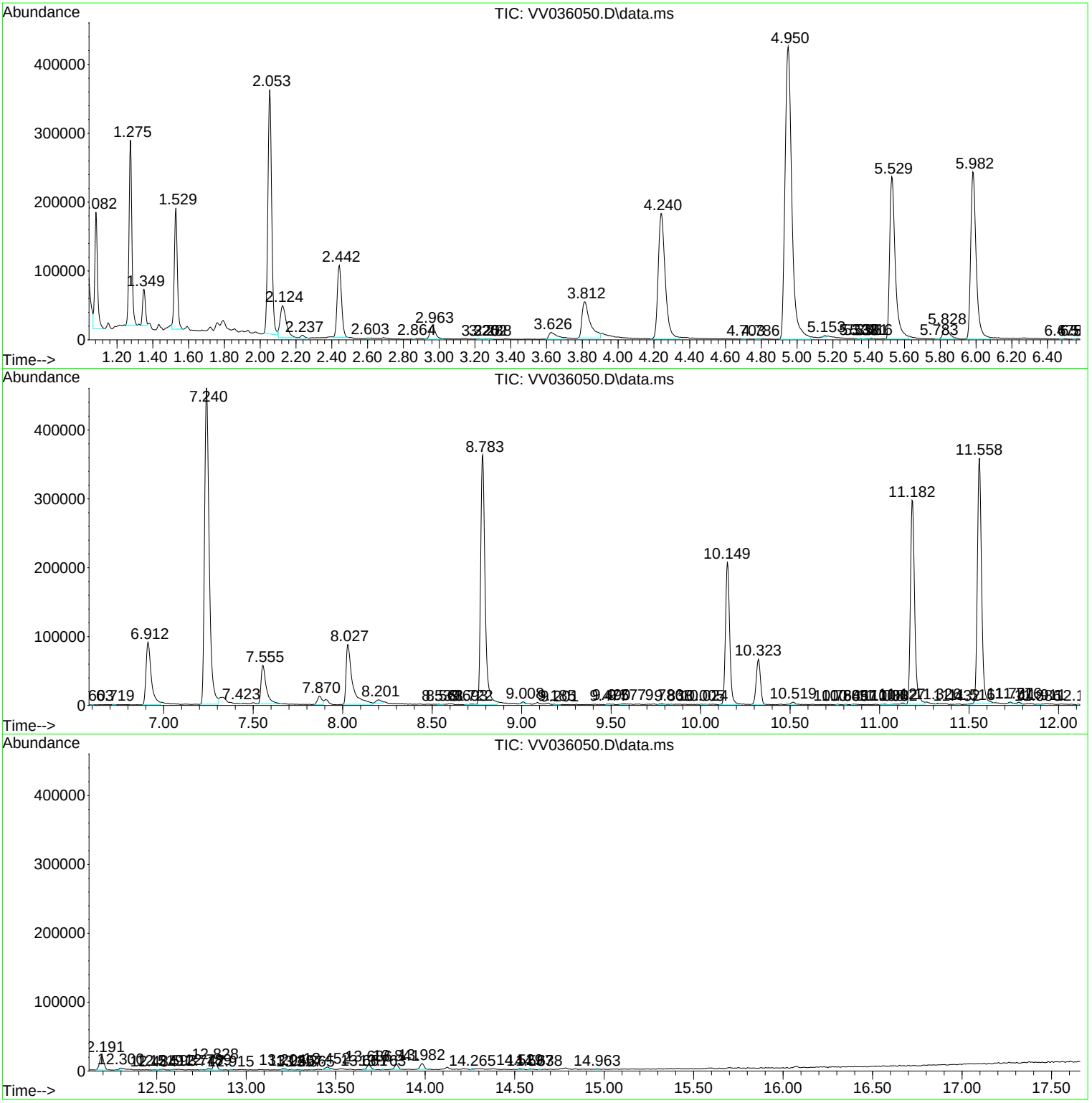
Sum of corrected areas: 8123400

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

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\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

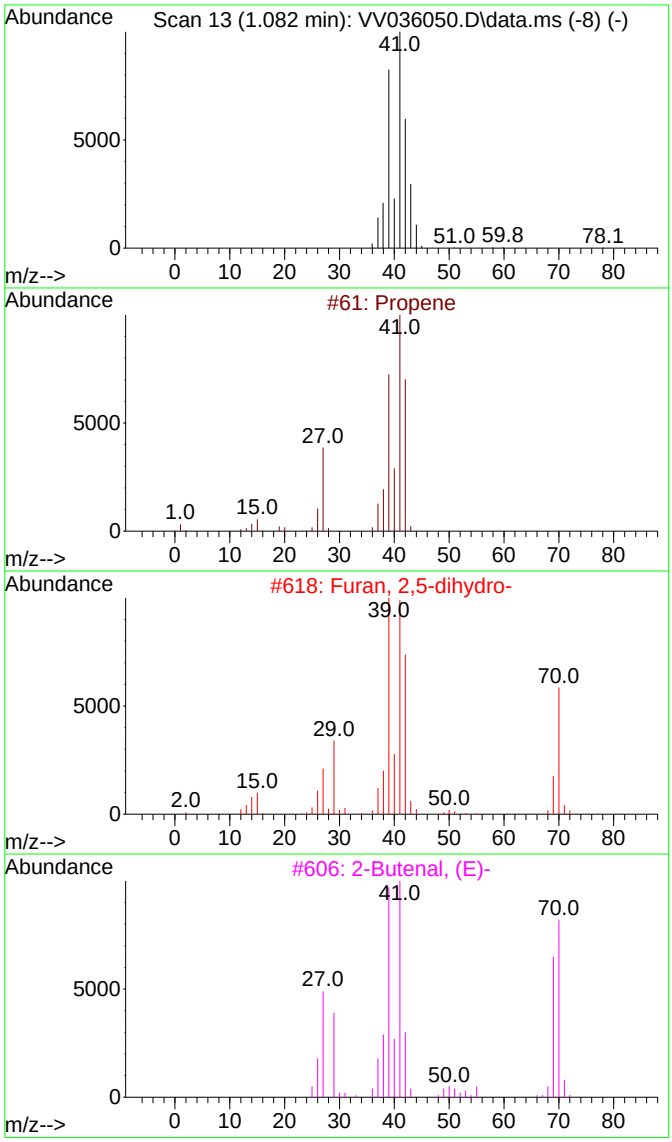
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

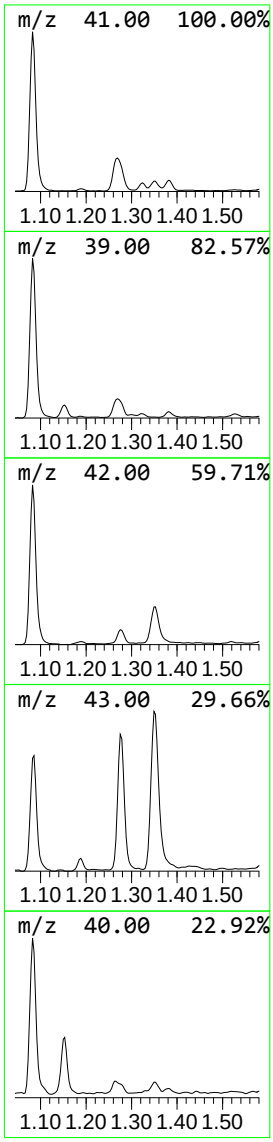
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.082	8.76 ug/L	178933	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	2-Butenal, (Z)-	70	C4H6O	015798-64-8	43
5	2-Butenal	70	C4H6O	004170-30-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

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

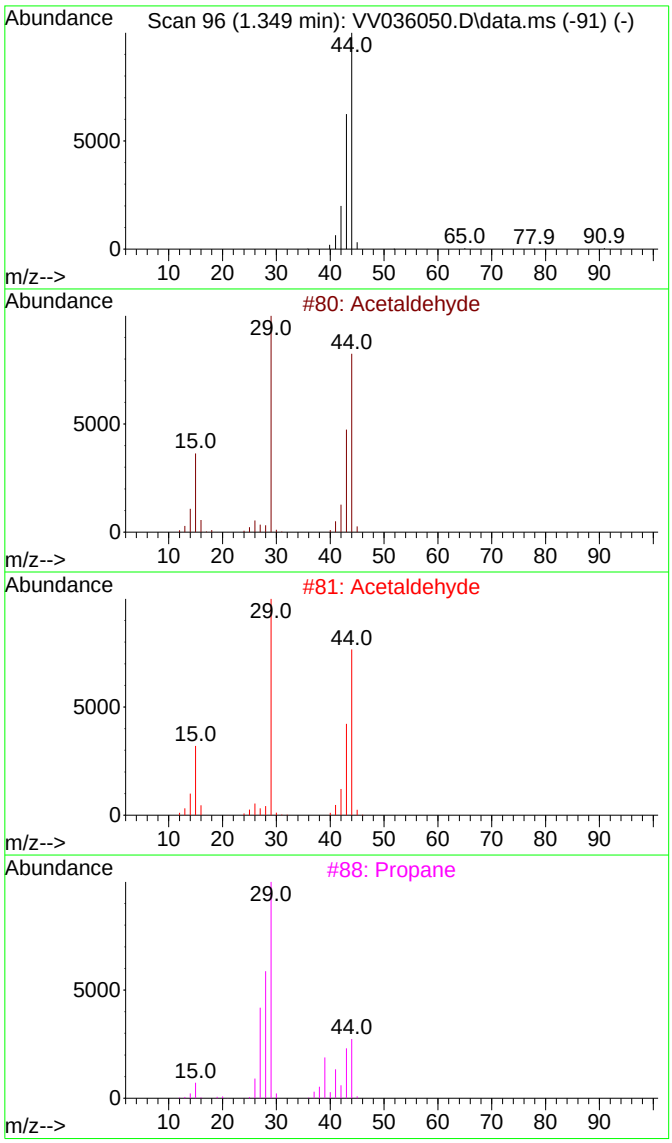
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

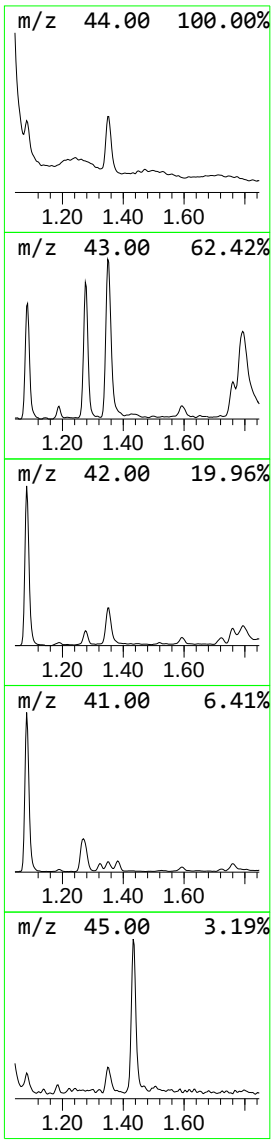
****

Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.349	2.81 ug/L	57299	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Acetaldehyde	44	C2H4O	000075-07-0	74
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 : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

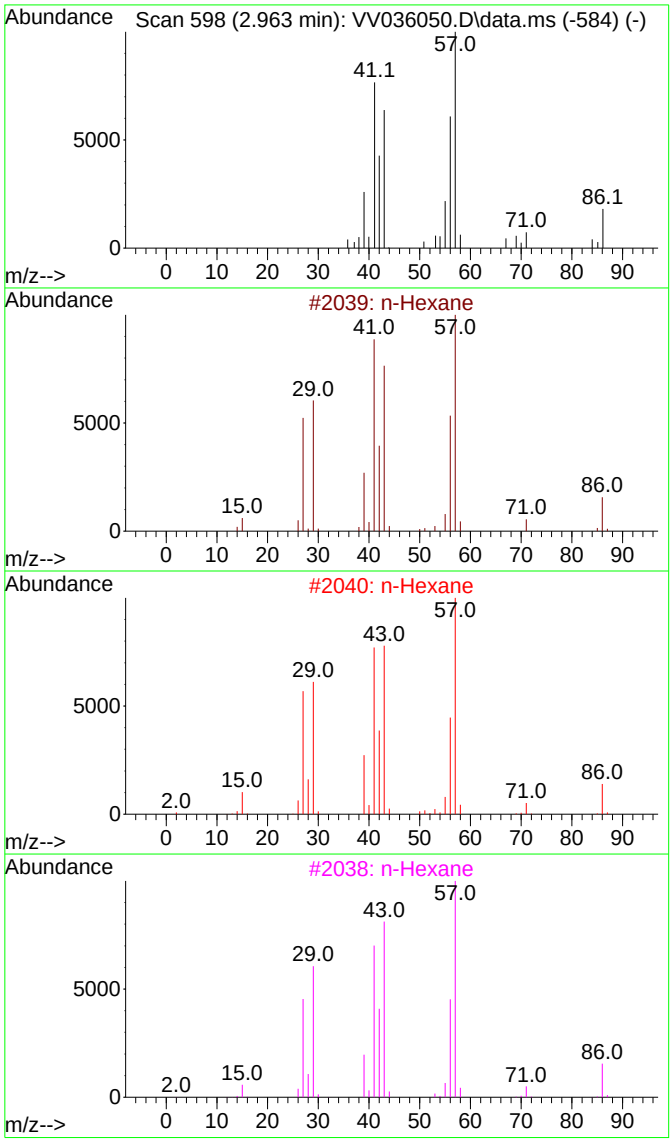
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

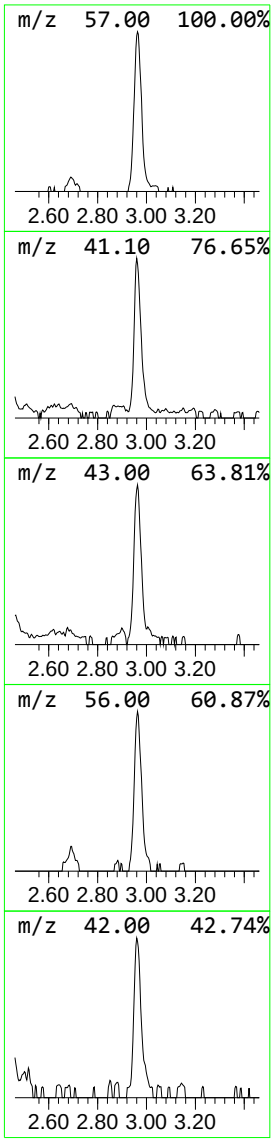
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.99 ug/L	40664	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	64
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	53
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

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

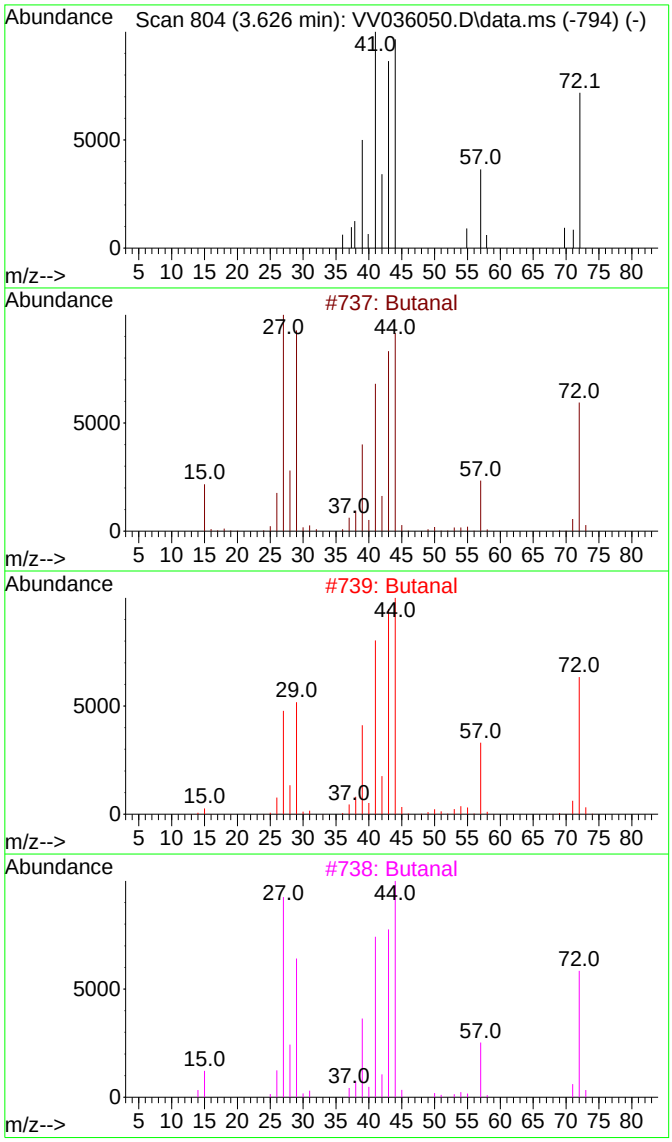
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

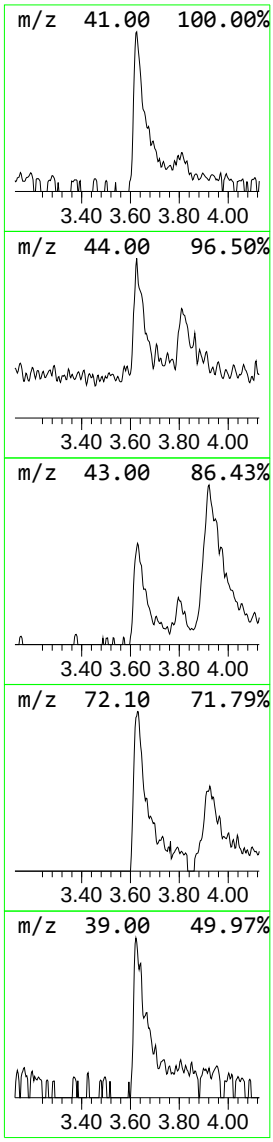
****

Peak Number 4 Butanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.626	1.52 ug/L	30938	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	87
2	Butanal	72	C4H8O	000123-72-8	72
3	Butanal	72	C4H8O	000123-72-8	52
4	Butanal	72	C4H8O	000123-72-8	49
5	Propane	44	C3H8	000074-98-6	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036050.D
Acq On : 13 Jun 2024 10:20
Operator : SY/MD
Sample : P2850-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB08

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
(DEL) Alkane: S...	1.082	8.8	ug/L	178933	1	5.529	510482	25.0
Acetaldehyde	1.349	2.8	ug/L	57299	1	5.529	510482	25.0
(DEL) Alkane: S...	2.963	2.0	ug/L	40664	1	5.529	510482	25.0
Butanal	3.626	1.5	ug/L	30938	1	5.529	510482	25.0