LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021666.D
Acq On : 15 Jul 2021 12:45
Operator : SY/MD
Sample : M3033-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M7

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\SFAMVLM062921WMA.M
Title : VOC Analysis

Signal : TIC: VV021666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	34	rVB	182590	172538	10.51%	1.292%
2	1.304	74	82	94	rBV2	254098	292081	17.80%	2.187%
3	1.561	154	162	175	rVB	162759	191145	11.65%	1.431%
4	2.105	322	331	344	rBV	334679	482659	29.41%	3.614%
5	2.767	523	537	557	rBV3	82646	177941	10.84%	1.332%
6	2.915	580	583	584	rBV2	607	274	0.02%	0.002%
7	2.957	584	596	607	rVV5	5924	13851	0.84%	0.104%
8	3.040	610	622	647	rVB2	78434	157784	9.62%	1.181%
9	3.291	689	700	722	rVB	48340	112449	6.85%	0.842%
10	3.439	743	746	747	rBV2	695	440	0.03%	0.003%
11	3.529	770	774	776	rBV2	502	354	0.02%	0.003%
12	3.600	794	796	800	rVB2	453	244	0.01%	0.002%
13	3.658	810	814	817	rBV2	461	396	0.02%	0.003%
14	3.761	824	846	866	rBV3	35327	90638	5.52%	0.679%
15	3.873	871	881	921	rBV	150291	391451	23.86%	2.931%
16	4.182	973	977	980	rBV3	613	587	0.04%	0.004%
17	4.349	1011	1029	1062	rBV	257992	641362	39.08%	4.802%
18	4.744	1148	1152	1154	rBV3	742	566	0.03%	0.004%
19	4.873	1188	1192	1196	rVB3	427	412	0.03%	0.003%
20	4.912	1196	1204	1219	rBV8	1709	3547	0.22%	0.027%
21	5.047	1229	1246	1284	rBV2	636002	1640953	100.00%	12.287%
22	5.314	1325	1329	1331	rBV4	673	595	0.04%	0.004%
23	5.461	1372	1375	1376	rBV2	534	275	0.02%	0.002%
24	5.503	1381	1388	1397	rVV9	1436	2255	0.14%	0.017%
25	5.619	1411	1424	1456	rBV	480956	978758	59.65%	7.329%
26	5.905	1503	1513	1529	rBV2	19975	43573	2.66%	0.326%
27	6.011	1543	1546	1550	rBV3	413	295	0.02%	0.002%
28	6.072	1550	1565	1596	rBV	363409	747763	45.57%	5.599%
29	6.326	1639	1644	1646	rBV5	778	673	0.04%	0.005%
30	6.439	1674	1679	1684	rBV4	811	684	0.04%	0.005%
31	6.468	1684	1688	1692	rVB3	404	302	0.02%	0.002%
32	6.503	1695	1699	1703	rBV3	380	400	0.02%	0.003%
33	6.818	1795	1797	1803	rVB4	412	338	0.02%	0.003%
34	6.918	1825	1828	1830	rBV	324	164	0.01%	0.001%
35	6.989	1838	1850	1871	rBV	218256	391436	23.85%	2.931%
36	7.317	1940	1952	1971	rBV	772294	1346032	82.03%	10.079%

LSC Area Percent Report

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Data File : VV021666.D
Acq On : 15 Jul 2021 12:45
Operator : SY/MD
Sample : M3033-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M7

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\SFAMVLM062921WMA.M
Title : VOC Analysis

37	7.622	2038	2047	2070	rBV	147253	252431	15.38%	1.890%
38	7.847	2114	2117	2121	rBV	386	239	0.01%	0.002%
39	7.866	2121	2123	2124	rBV	447	179	0.01%	0.001%
40	7.947	2140	2148	2155	rVB4	2035	3451	0.21%	0.026%
41	8.005	2162	2166	2167	rBV2	533	367	0.02%	0.003%
42	8.088	2180	2192	2225	rBV	463426	850510	51.83%	6.368%
43	8.490	2314	2317	2321	rBV4	682	645	0.04%	0.005%
44	8.564	2337	2340	2342	rBV3	562	322	0.02%	0.002%
45	8.606	2351	2353	2356	rBV2	462	211	0.01%	0.002%
46	8.657	2366	2369	2370	rBV2	553	289	0.02%	0.002%
47	8.712	2383	2386	2387	rVV3	409	198	0.01%	0.001%
48	8.722	2387	2389	2393	rVB2	398	206	0.01%	0.002%
49	8.792	2404	2411	2415	rBV3	422	529	0.03%	0.004%
50	8.854	2418	2430	2454	rBV	712121	1160837	70.74%	8.692%
51	9.108	2505	2509	2511	rBV3	393	284	0.02%	0.002%
52	9.149	2516	2522	2527	rBV5	1761	2112	0.13%	0.016%
53	9.220	2542	2544	2546	rBV2	347	157	0.01%	0.001%
54	9.243	2550	2551	2556	rVB	497	285	0.02%	0.002%
55	9.326	2574	2577	2581	rVV2	242	146	0.01%	0.001%
56	9.378	2589	2593	2596	rVB2	281	173	0.01%	0.001%
57	9.413	2596	2604	2605	rBV	417	355	0.02%	0.003%
58	9.452	2615	2616	2620	rVB2	409	196	0.01%	0.001%
59	9.474	2620	2623	2627	rBV2	492	346	0.02%	0.003%
60	9.509	2627	2634	2635	rBV	473	452	0.03%	0.003%
61	9.542	2642	2644	2646	rBV	420	241	0.01%	0.002%
62	9.661	2678	2681	2683	rBV	498	247	0.02%	0.002%
63	9.677	2683	2686	2690	rVB3	632	423	0.03%	0.003%
64	9.879	2746	2749	2750	rBV	416	162	0.01%	0.001%
65	9.985	2777	2782	2786	rVB2	346	311	0.02%	0.002%
66	10.011	2786	2790	2791	rBV2	414	310	0.02%	0.002%
67	10.059	2803	2805	2808	rVB	278	173	0.01%	0.001%
68	10.091	2811	2815	2819	rBV2	198	225	0.01%	0.002%
69	10.130	2819	2827	2834	rBV3	3376	4944	0.30%	0.037%
70	10.217	2841	2854	2877	rBV	507967	804461	49.02%	6.024%
71	10.455	2924	2928	2933	rBV2	653	805	0.05%	0.006%
72	10.522	2946	2949	2950	rBV2	436	195	0.01%	0.001%
73	10.538	2950	2954	2955	rBV2	556	310	0.02%	0.002%
74	10.709	3005	3007	3010	rVB	374	248	0.02%	0.002%
75	10.754	3017	3021	3025	rVB4	699	591	0.04%	0.004%
76	10.860	3052	3054	3056	rBV2	392	142	0.01%	0.001%

LSC Area Percent Report

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Operator : SY/MD
Sample : M3033-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M7

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\SFAMVLM062921WMA.M
Title : VOC Analysis

77	10.876	3058	3059	3063	rVB2	386	159	0.01%	0.001%
78	10.895	3063	3065	3066	rBV2	645	311	0.02%	0.002%
79	10.921	3067	3073	3082	rVV6	3956	5525	0.34%	0.041%
80	10.966	3085	3087	3100	rVB	574	424	0.03%	0.003%
81	11.030	3100	3107	3108	rBV3	705	590	0.04%	0.004%
82	11.069	3117	3119	3122	rVB2	497	246	0.01%	0.002%
83	11.098	3125	3128	3131	rBV3	461	320	0.02%	0.002%
84	11.153	3138	3145	3152	rBV5	1631	2577	0.16%	0.019%
85	11.198	3156	3159	3162	rBV3	523	298	0.02%	0.002%
86	11.249	3164	3175	3199	rBV	755533	1154902	70.38%	8.647%
87	11.625	3281	3292	3315	rVB	777602	1211300	73.82%	9.070%
88	11.776	3336	3339	3341	rBV2	702	496	0.03%	0.004%
89	11.821	3351	3353	3355	rBV	387	219	0.01%	0.002%
90	11.985	3403	3404	3408	rVB3	403	202	0.01%	0.002%
91	12.040	3418	3421	3423	rBV2	280	238	0.01%	0.002%
92	12.053	3423	3425	3428	rBV3	483	349	0.02%	0.003%
93	12.159	3456	3458	3461	rVB	353	199	0.01%	0.001%
94	12.185	3462	3466	3467	rBV	341	249	0.02%	0.002%
95	12.210	3472	3474	3476	rBV	453	190	0.01%	0.001%
96	12.252	3481	3487	3494	rBV4	924	1221	0.07%	0.009%
97	12.342	3512	3515	3516	rBV	528	310	0.02%	0.002%
98	12.525	3567	3572	3575	rBV2	330	346	0.02%	0.003%
99	12.590	3589	3592	3594	rBV2	525	288	0.02%	0.002%
100	13.056	3733	3737	3742	rBV3	354	468	0.03%	0.004%

Sum of corrected areas: 13355350

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Acq On : 15 Jul 2021 12:45
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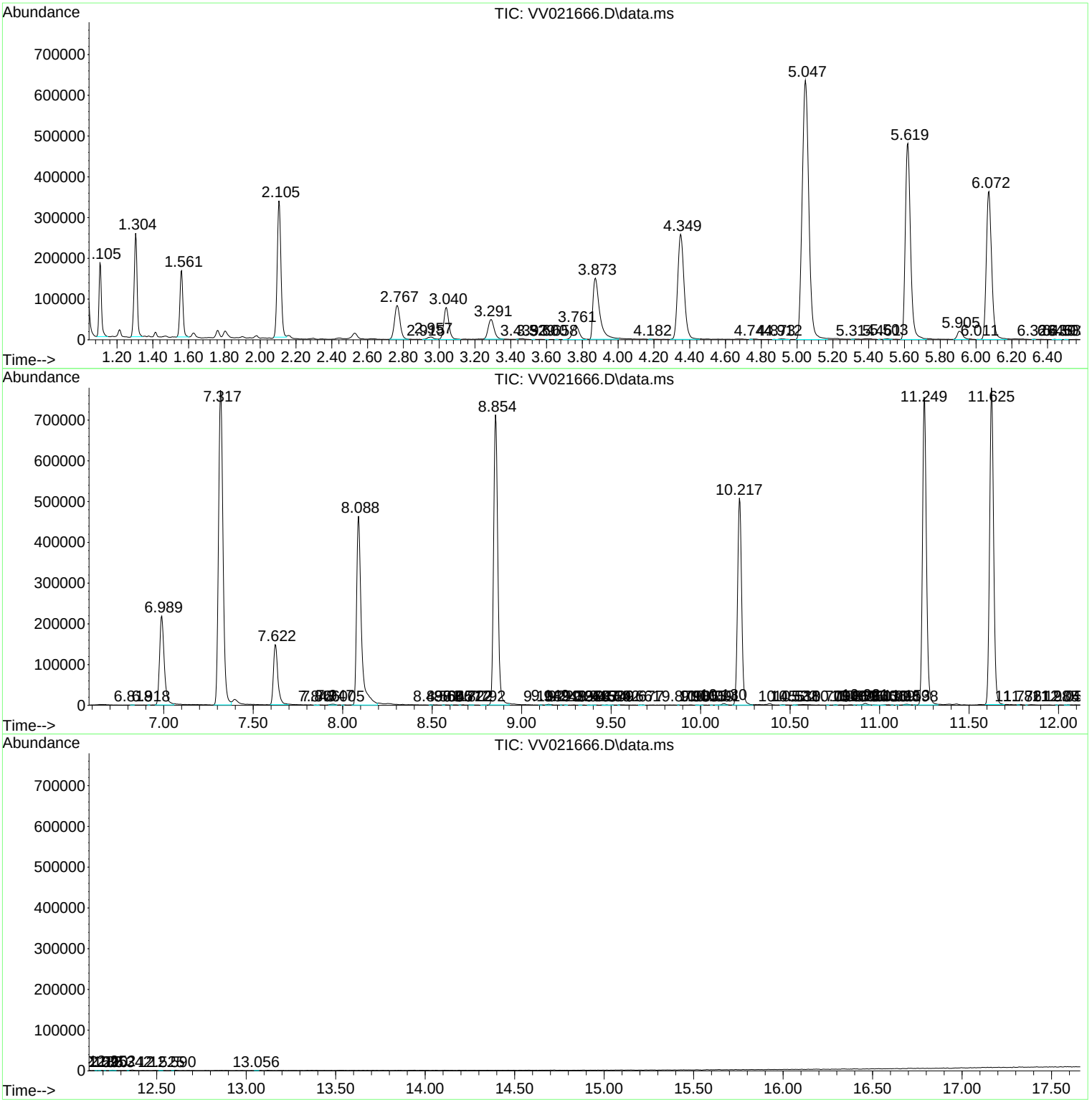
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7M7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M7

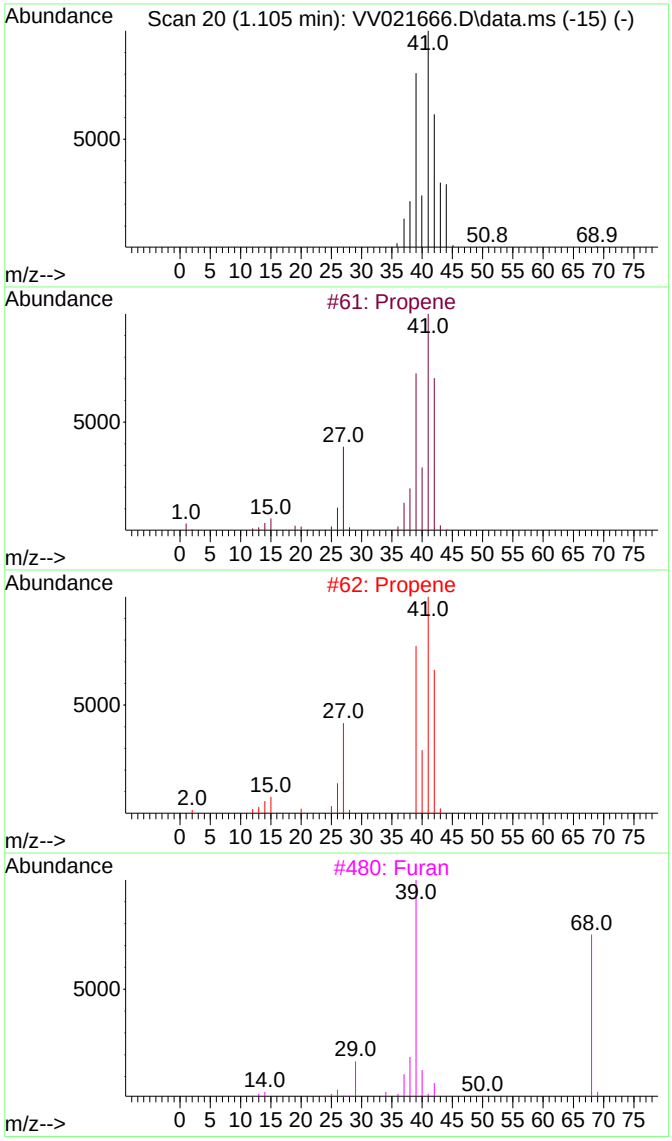
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

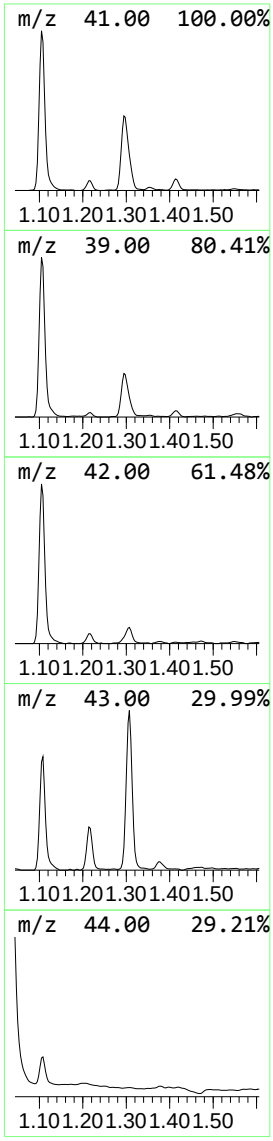
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.105	8.81 ug/L	172538	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Furan	68	C4H4O	000110-00-9	9
4	2-Butenenitrile	67	C4H5N	004786-20-3	9
5	3-Butenenitrile	67	C4H5N	000109-75-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021666.D
Acq On : 15 Jul 2021 12:45
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7M7

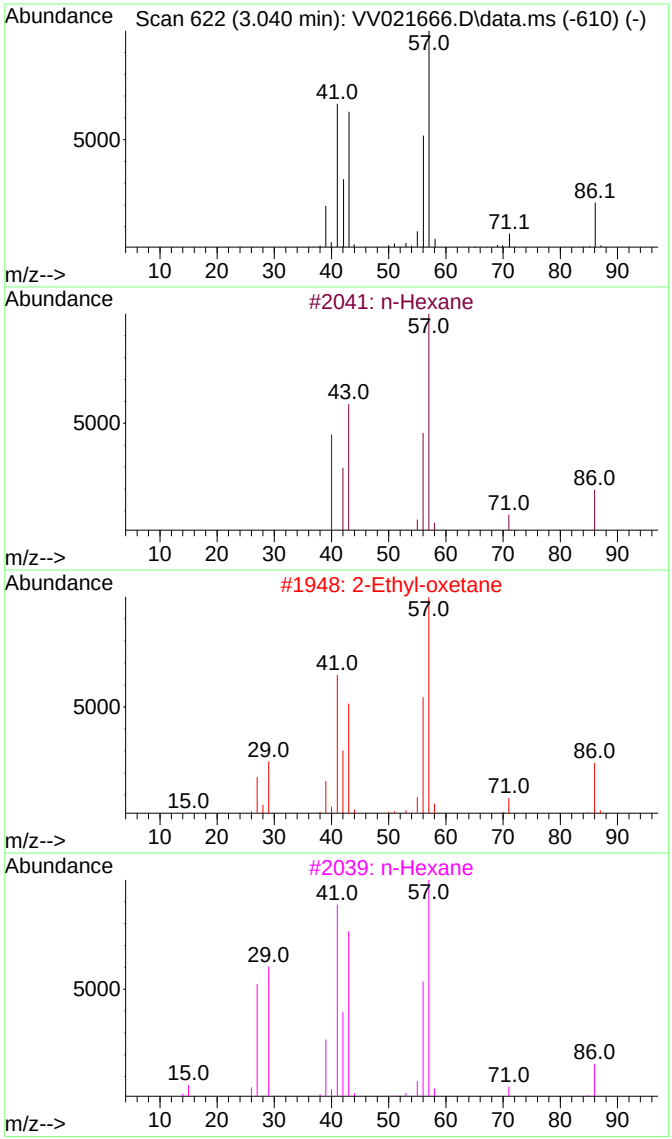
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

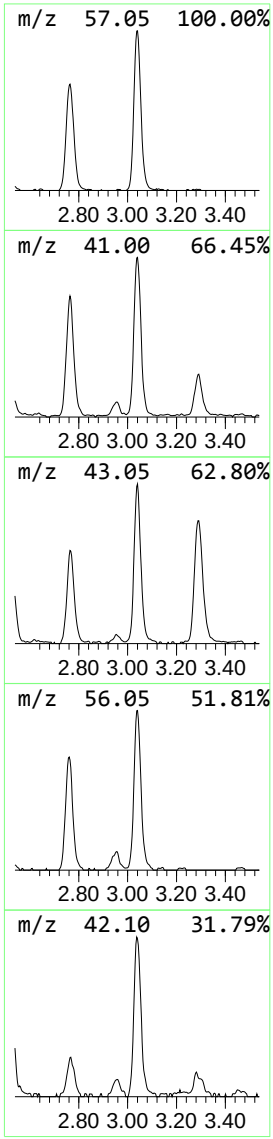
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	8.06 ug/L	157784	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021666.D
Acq On : 15 Jul 2021 12:45
Operator : SY/MD
Sample : M3033-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

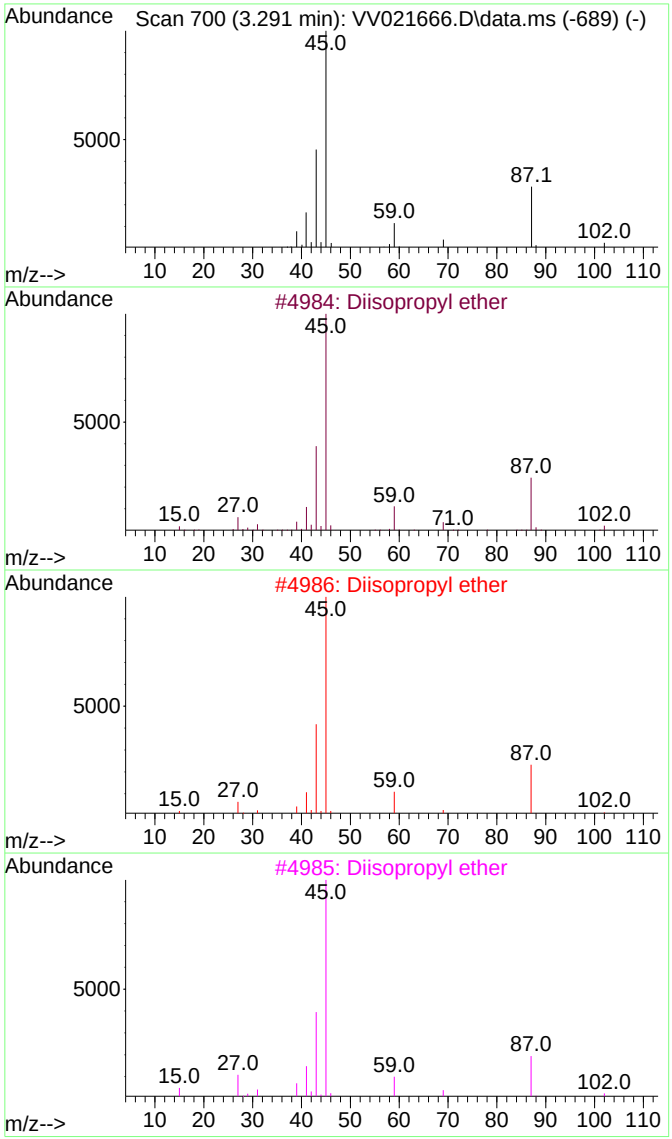
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

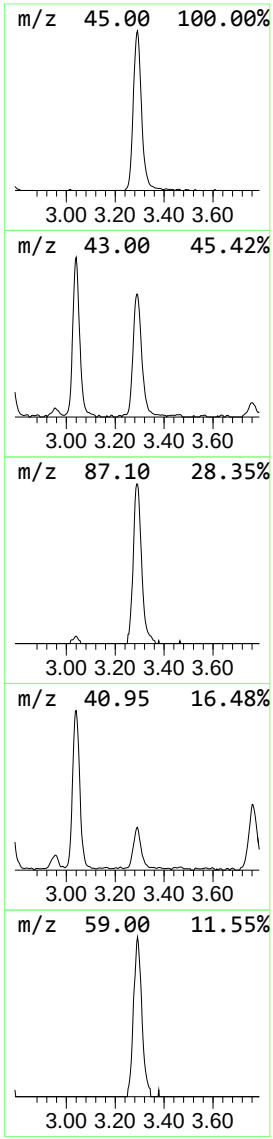
****

Peak Number 3 Diisopropyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.291	5.74 ug/L	112449	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	91
3	Diisopropyl ether	102	C6H14O	000108-20-3	86
4	Diisopropyl ether	102	C6H14O	000108-20-3	83
5	Diisopropyl ether	102	C6H14O	000108-20-3	78





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Data File : VV021666.D
Acq On : 15 Jul 2021 12:45
Operator : SY/MD
Sample : M3033-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M7

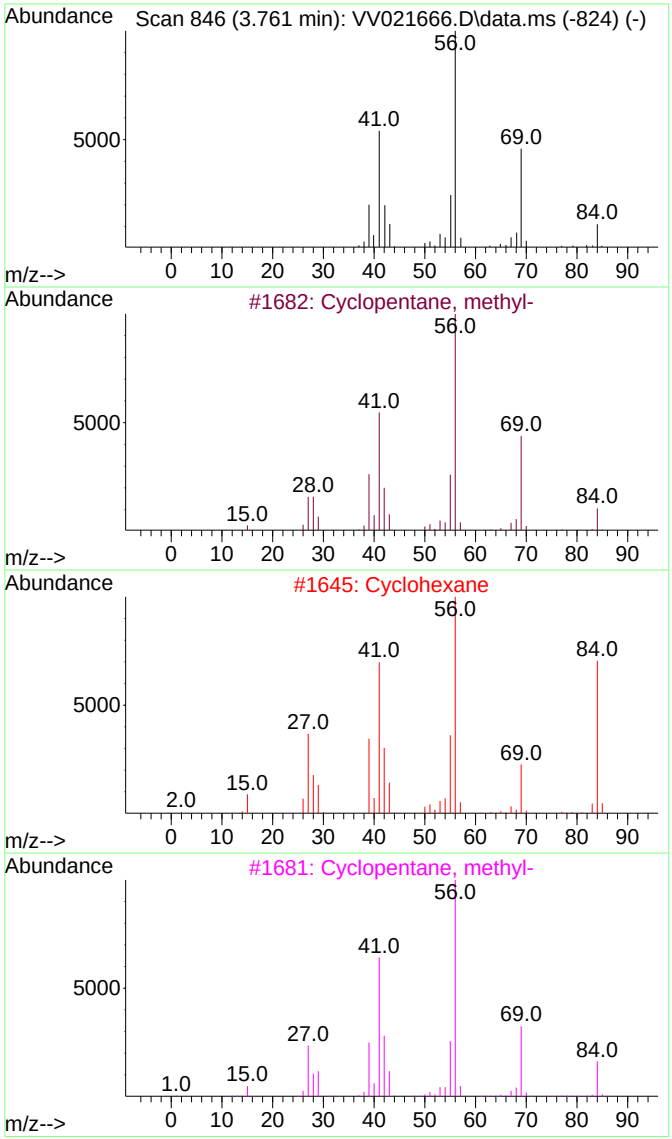
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

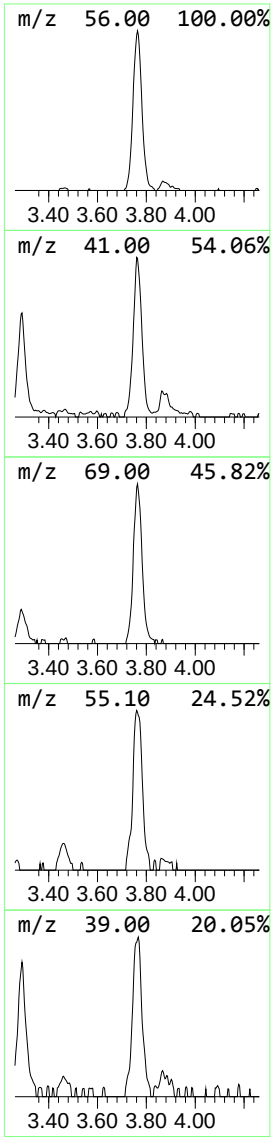
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.761 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.761	4.63 ug/L	90638	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	80
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021666.D
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Sample : M3033-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.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...	1.105	8.8	ug/L	172538	1	5.619	978758	50.0
(DEL) Alkane: S...	3.040	8.1	ug/L	157784	1	5.619	978758	50.0
Diisopropyl ether	3.291	5.7	ug/L	112449	1	5.619	978758	50.0
(DEL) Alkane: C...	3.761	4.6	ug/L	90638	1	5.619	978758	50.0