LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

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: VV021668.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	16	20	31	rVB2	32500	31877	1.53%	0.178%
2	1.304	76	82	97	rVB	219305	222644	10.68%	1.243%
3	1.561	154	162	175	rBV	175088	203541	9.76%	1.137%
4	2.105	321	331	342	rBV	354956	514101	24.65%	2.871%
5	2.394	416	421	423	rBV2	710	496	0.02%	0.003%
6	2.526	441	462	486	rVB	162127	325901	15.63%	1.820%
7	2.754	516	533	555	rBV	296976	598896	28.72%	3.345%
8	3.034	603	620	649	rBV	1052031	2085607	100.00%	11.647%
9	3.333	711	713	716	rVB3	331	158	0.01%	0.001%
10	3.355	717	720	723	rVB3	528	339	0.02%	0.002%
11	3.378	723	727	728	rBV2	484	361	0.02%	0.002%
12	3.413	735	738	742	rBV2	488	396	0.02%	0.002%
13	3.651	810	812	814	rBV3	363	151	0.01%	0.001%
14	3.757	823	845	869	rBV	707081	1793344	85.99%	10.015%
15	3.867	869	879	925	rVB	141358	370283	17.75%	2.068%
16	4.272	1003	1005	1008	rBV3	497	298	0.01%	0.002%
17	4.343	1011	1027	1051	rBV	268298	665310	31.90%	3.715%
18	4.674	1117	1130	1148	rVB4	11871	30444	1.46%	0.170%
19	4.835	1177	1180	1182	rBV2	390	221	0.01%	0.001%
20	4.880	1191	1194	1195	rBV2	364	178	0.01%	0.001%
21	4.902	1199	1201	1207	rVB4	500	356	0.02%	0.002%
22	4.960	1216	1219	1220	rBV3	273	146	0.01%	0.001%
23	4.976	1222	1224	1227	rBV2	267	178	0.01%	0.001%
24	5.043	1227	1245	1276	rBV2	659481	1693938	81.22%	9.460%
25	5.330	1331	1334	1336	rBV2	675	521	0.02%	0.003%
26	5.526	1391	1395	1398	rBV4	924	720	0.03%	0.004%
27	5.613	1408	1422	1452	rBV	506707	1018915	48.85%	5.690%
28	5.902	1501	1512	1532	rBV3	24214	52109	2.50%	0.291%
29	6.066	1549	1563	1596	rBV	376699	767984	36.82%	4.289%
30	6.413	1668	1671	1674	rVV2	341	239	0.01%	0.001%
31	6.436	1674	1678	1681	rVB4	491	358	0.02%	0.002%
32	6.490	1691	1695	1697	rBV2	540	365	0.02%	0.002%
33	6.773	1779	1783	1787	rBV3	320	233	0.01%	0.001%
34	6.847	1803	1806	1808	rBV2	498	297	0.01%	0.002%
35	6.982	1837	1848	1876	rBV	228507	413321	19.82%	2.308%
36	7.314	1939	1951	1969	rBV	812297	1403677	67.30%	7.839%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

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	7.619	2035	2046	2065	rBV	153269	269766	12.93%	1.506%
38	7.867	2120	2123	2125	rVB3	375	241	0.01%	0.001%
39	7.883	2125	2128	2130	rBV3	283	186	0.01%	0.001%
40	7.902	2132	2134	2136	rVV	379	184	0.01%	0.001%
41	7.940	2140	2146	2156	rVB3	3507	5356	0.26%	0.030%
42	7.979	2156	2158	2162	rVB2	433	283	0.01%	0.002%
43	8.014	2165	2169	2170	rBV2	592	429	0.02%	0.002%
44	8.085	2181	2191	2230	rBV	434507	807738	38.73%	4.511%
45	8.532	2327	2330	2332	rBV2	362	195	0.01%	0.001%
46	8.564	2337	2340	2342	rBV3	482	374	0.02%	0.002%
47	8.635	2360	2362	2367	rVB3	665	440	0.02%	0.002%
48	8.664	2367	2371	2374	rVB2	196	131	0.01%	0.001%
49	8.693	2374	2380	2381	rBV3	427	444	0.02%	0.002%
50	8.738	2391	2394	2395	rBV	370	221	0.01%	0.001%
51	8.783	2404	2408	2410	rBV2	433	244	0.01%	0.001%
52	8.850	2416	2429	2456	rBV	748355	1225614	58.77%	6.844%
53	9.127	2513	2515	2516	rBV	470	181	0.01%	0.001%
54	9.146	2516	2521	2522	rBV5	986	830	0.04%	0.005%
55	9.217	2540	2543	2544	rBV2	429	265	0.01%	0.001%
56	9.368	2587	2590	2591	rBV	269	135	0.01%	0.001%
57	9.436	2608	2611	2612	rBV2	367	169	0.01%	0.001%
58	9.465	2618	2620	2622	rVB2	379	201	0.01%	0.001%
59	9.484	2622	2626	2627	rBV	261	201	0.01%	0.001%
60	9.490	2627	2628	2631	rVB	462	134	0.01%	0.001%
61	9.516	2634	2636	2638	rBV	451	196	0.01%	0.001%
62	9.641	2672	2675	2676	rBV2	389	206	0.01%	0.001%
63	9.680	2684	2687	2689	rBV2	618	405	0.02%	0.002%
64	9.751	2707	2709	2712	rBV2	305	189	0.01%	0.001%
65	9.825	2725	2732	2734	rBV3	1300	1353	0.06%	0.008%
66	9.969	2772	2777	2778	rBV2	358	255	0.01%	0.001%
67	10.011	2784	2790	2793	rBV3	837	903	0.04%	0.005%
68	10.066	2804	2807	2809	rBV	564	372	0.02%	0.002%
69	10.127	2820	2826	2838	rVB4	4099	6259	0.30%	0.035%
70	10.217	2841	2854	2878	rBV	504625	791192	37.94%	4.418%
71	10.448	2923	2926	2928	rBV	609	337	0.02%	0.002%
72	10.484	2933	2937	2940	rVB3	570	439	0.02%	0.002%
73	10.503	2940	2943	2945	rBV2	359	246	0.01%	0.001%
74	10.664	2987	2993	2995	rBV4	647	737	0.04%	0.004%
75	10.690	2999	3001	3007	rVV2	410	395	0.02%	0.002%
76	10.712	3007	3008	3012	rVB3	367	220	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

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	10.751	3018	3020	3022	rBV2	469	210	0.01%	0.001%
78	10.973	3086	3089	3090	rBV	289	179	0.01%	0.001%
79	11.027	3103	3106	3108	rBV3	557	405	0.02%	0.002%
80	11.156	3137	3146	3154	rBV6	4816	8696	0.42%	0.049%
81	11.249	3163	3175	3194	rBV	824012	1272457	61.01%	7.106%
82	11.625	3280	3292	3313	rBV	820240	1290039	61.85%	7.204%
83	11.738	3325	3327	3333	rVB4	1110	684	0.03%	0.004%
84	11.905	3374	3379	3381	rBV	348	244	0.01%	0.001%
85	12.011	3408	3412	3416	rBV	482	368	0.02%	0.002%
86	12.043	3420	3422	3427	rBV2	424	333	0.02%	0.002%
87	12.165	3458	3460	3462	rBV2	482	174	0.01%	0.001%
88	12.252	3477	3487	3496	rBV4	1376	2625	0.13%	0.015%
89	12.352	3510	3518	3527	rBV4	7187	11583	0.56%	0.065%
90	12.551	3578	3580	3585	rVB2	534	332	0.02%	0.002%
91	12.590	3590	3592	3593	rBV2	631	246	0.01%	0.001%
92	12.670	3614	3617	3619	rBV	250	175	0.01%	0.001%
93	12.693	3621	3624	3627	rVV3	368	254	0.01%	0.001%
94	12.828	3663	3666	3674	rVB3	511	448	0.02%	0.003%
95	12.921	3693	3695	3698	rBV3	448	288	0.01%	0.002%
96	12.969	3707	3710	3711	rBV	429	168	0.01%	0.001%
97	13.011	3721	3723	3724	rBV	419	157	0.01%	0.001%
98	13.220	3784	3788	3790	rBV	502	450	0.02%	0.003%
99	13.288	3803	3809	3810	rBV2	387	402	0.02%	0.002%
100	13.345	3824	3827	3830	rBV2	451	321	0.02%	0.002%

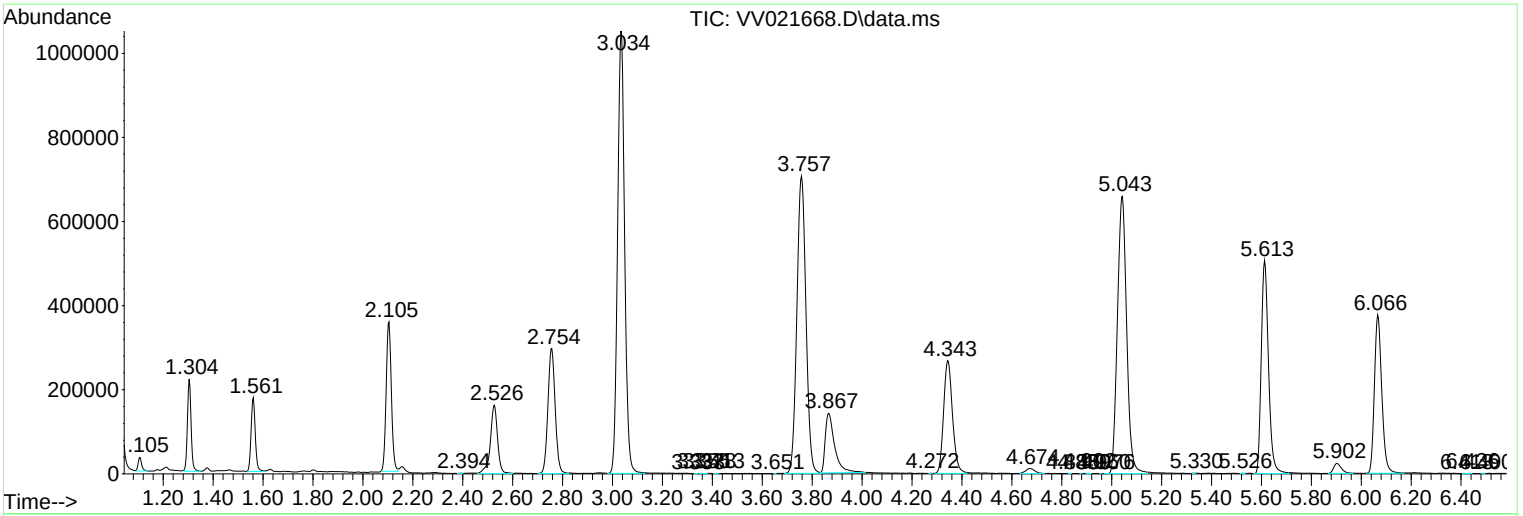
Sum of corrected areas: 17906807

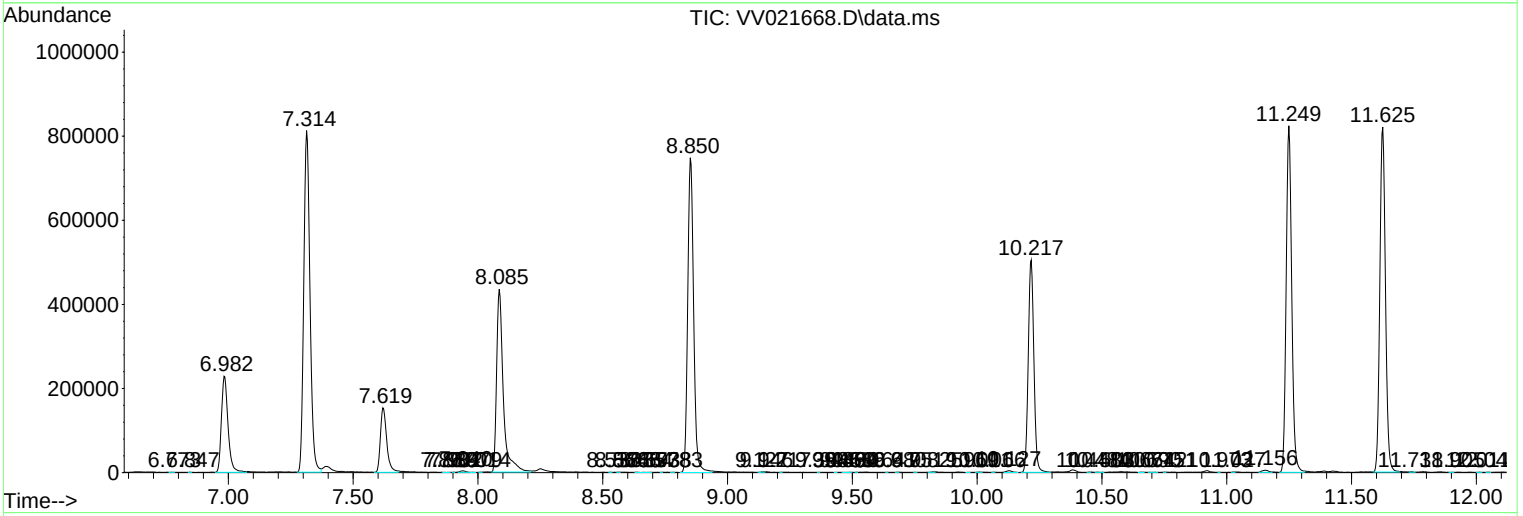
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

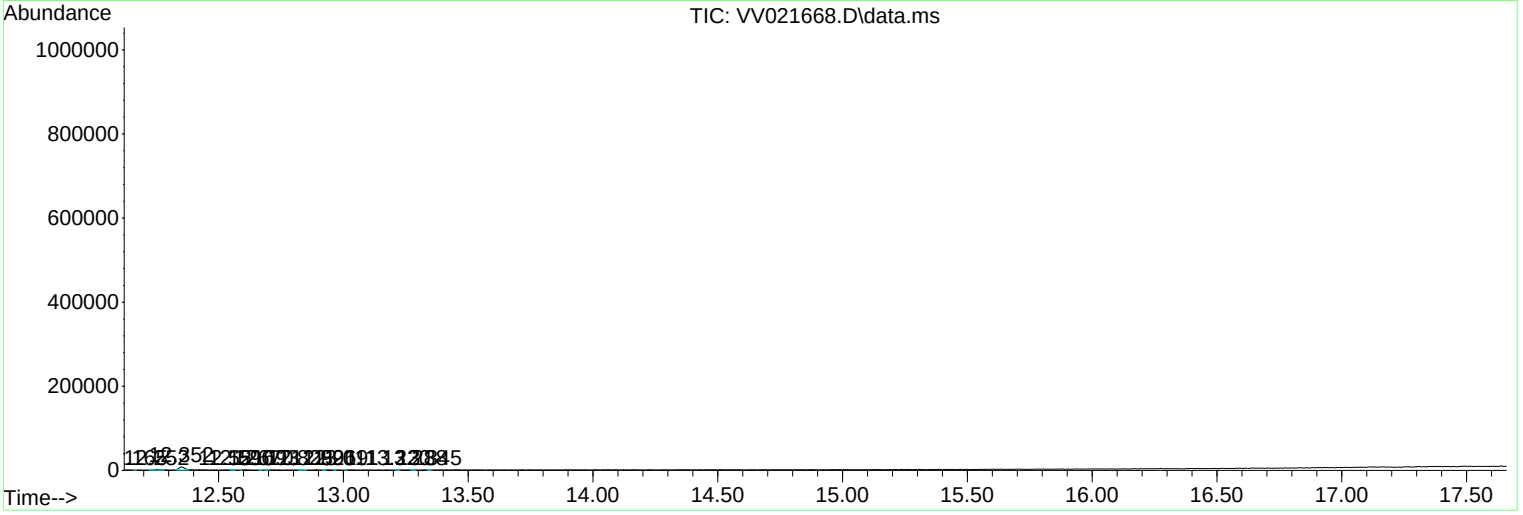
Instrument :
MSVOA_V
ClientSampleId :
BG7M3

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\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7M3

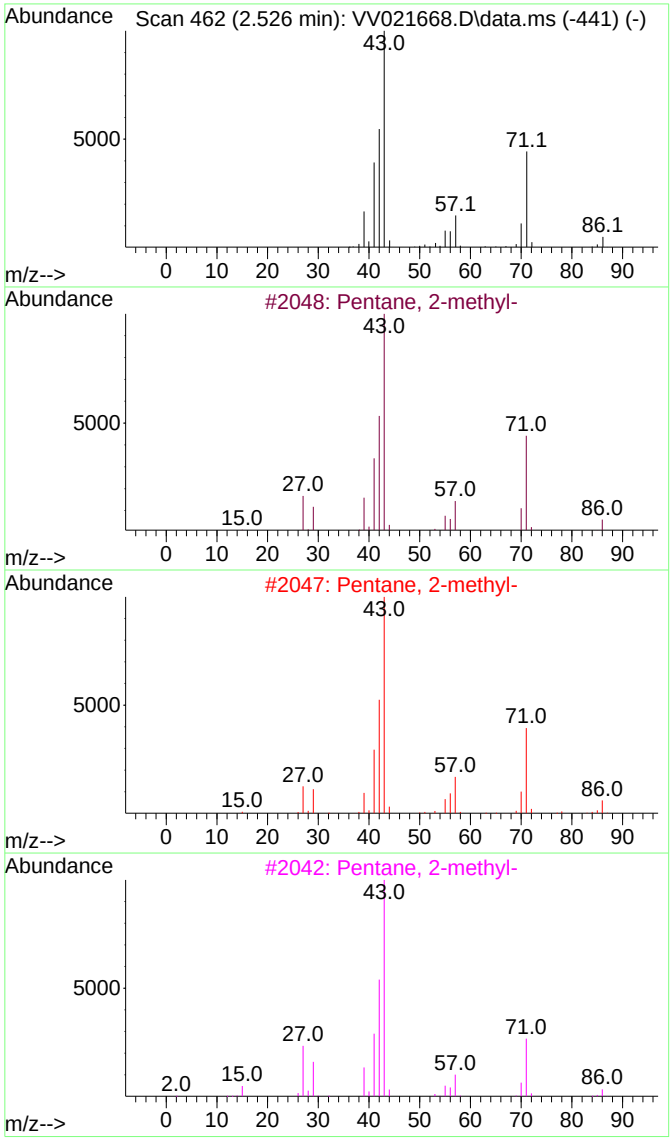
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

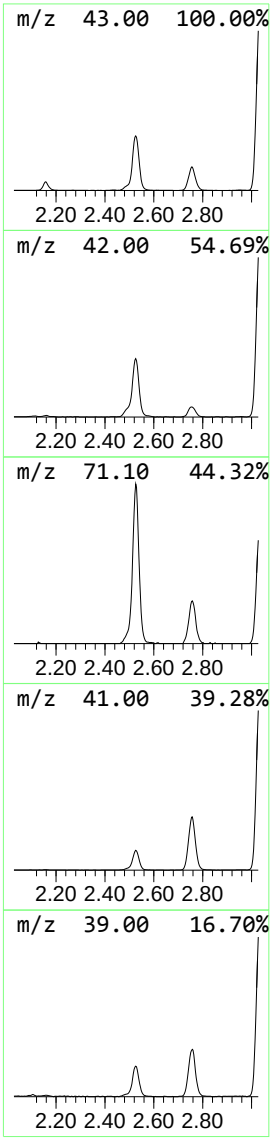
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.526	15.99 ug/L	325901	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

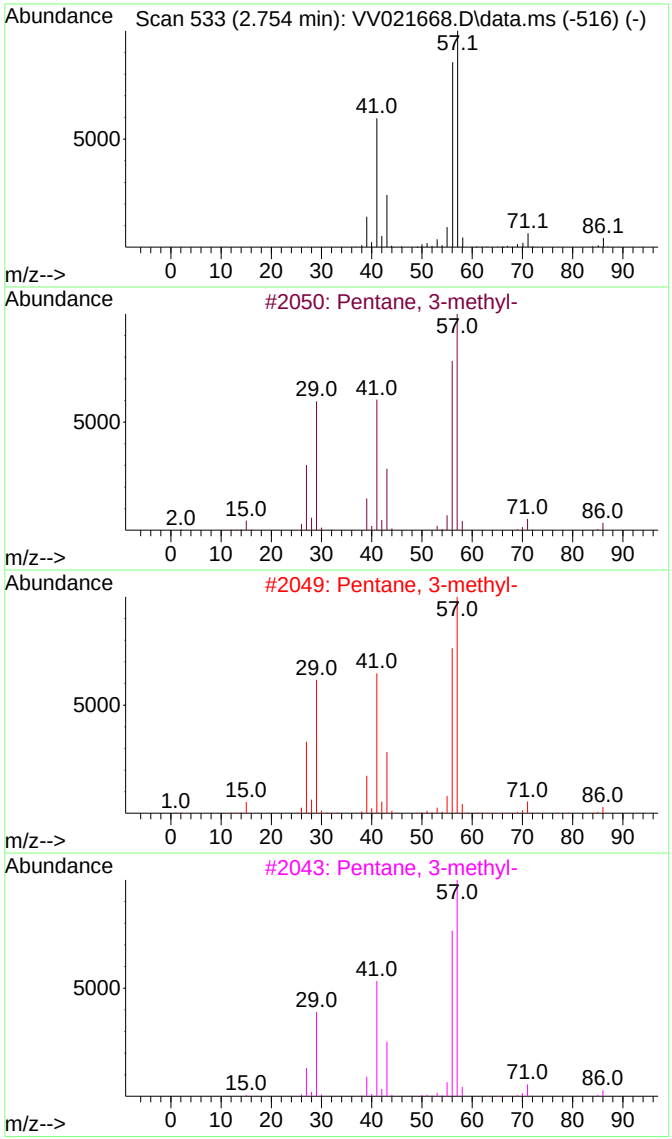
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

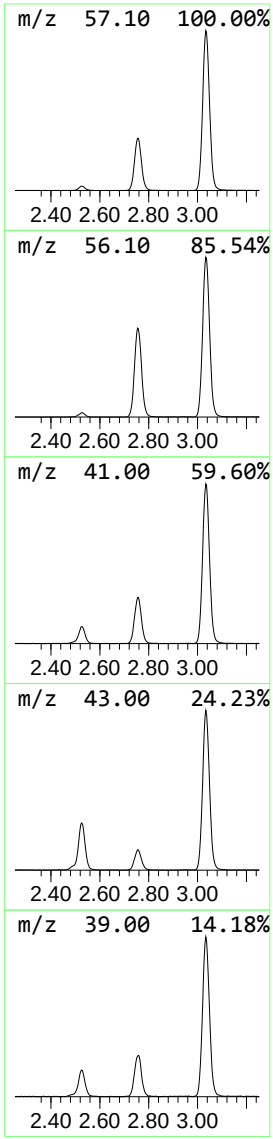
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.754	29.39 ug/L	598896	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

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

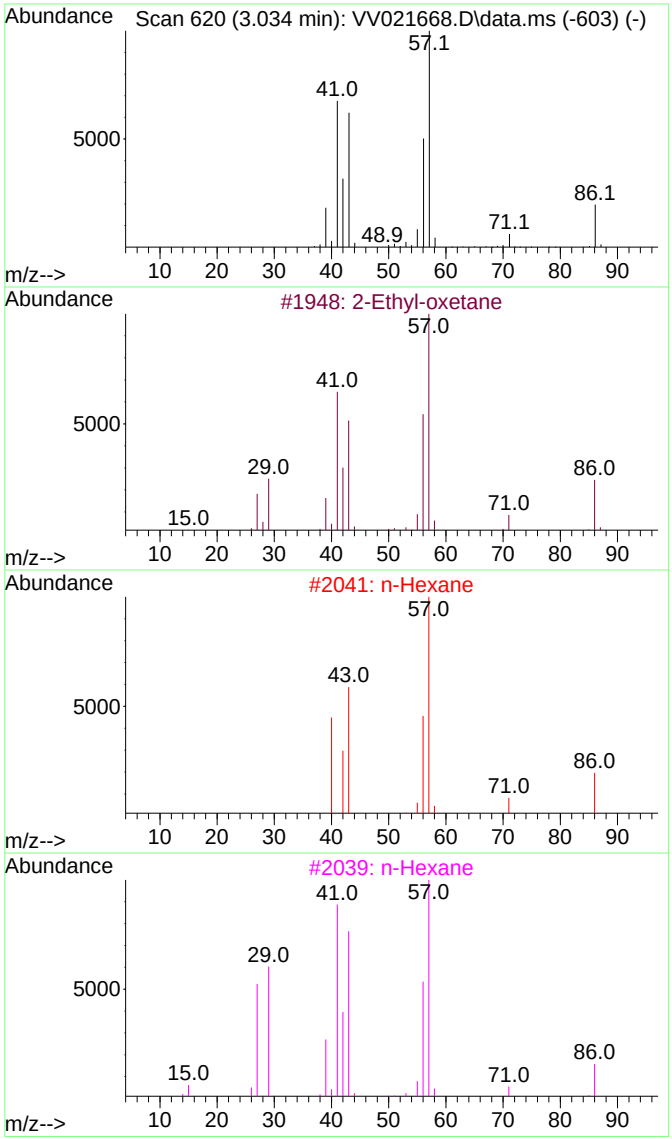
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

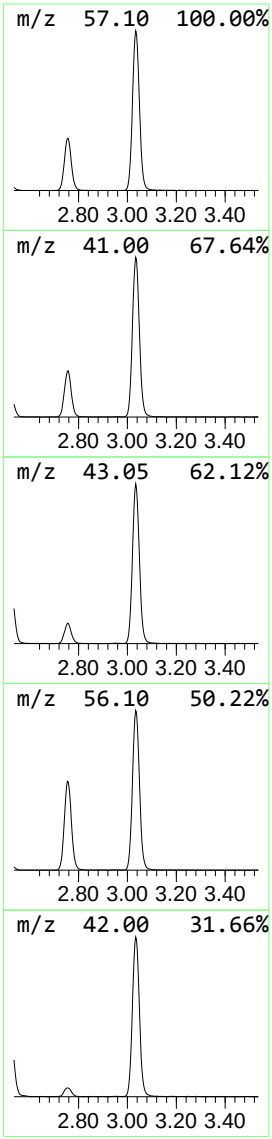
****

Peak Number 3 2-Ethyl-oxetane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	102.35 ug/L	2085610	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	90
2	n-Hexane	86	C6H14	000110-54-3	87
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	78
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

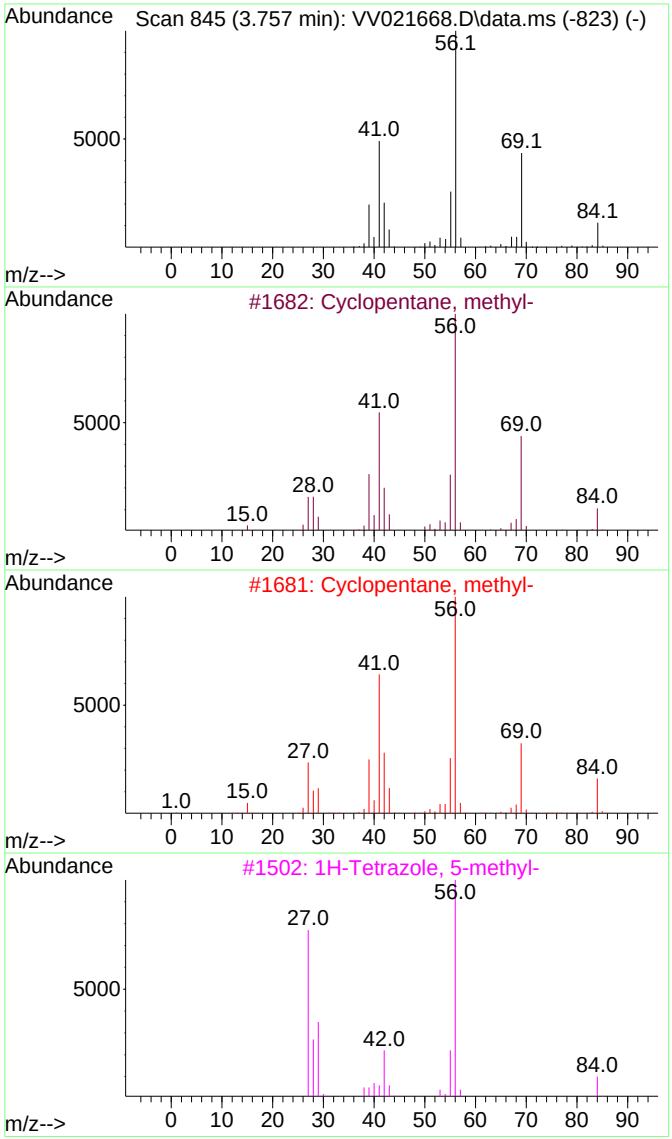
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

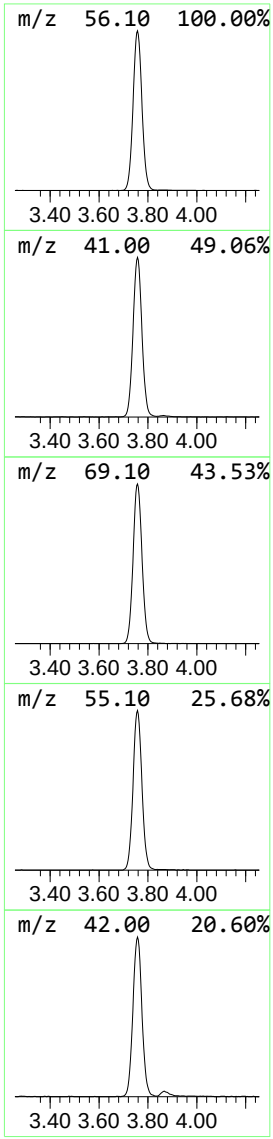
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.757 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	88.00 ug/L	1793340	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

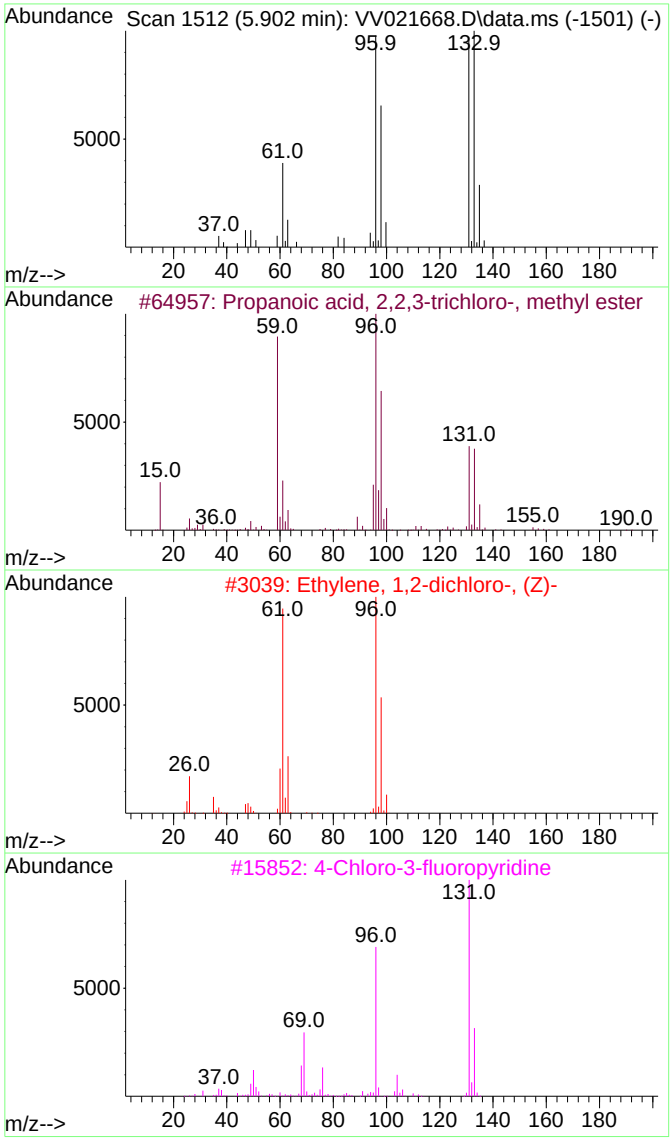
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

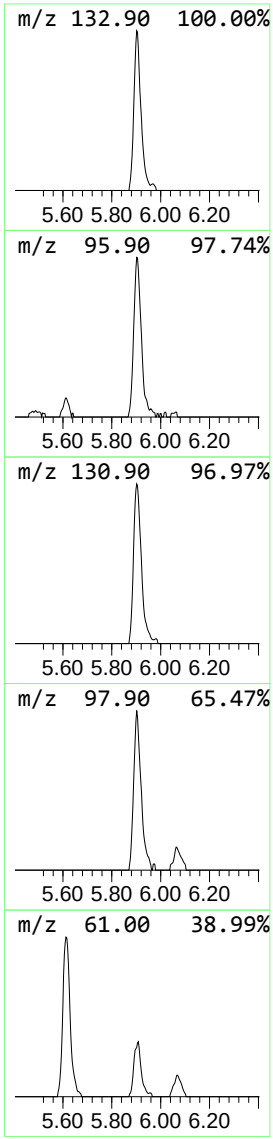
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, 2,2,3-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.902	2.56 ug/L	52109	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	38
4	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	23
5	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021668.D
Acq On : 15 Jul 2021 14:19
Operator : SY/MD
Sample : M3033-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M3

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...	2.526	16.0	ug/L	325901	1	5.613	1018920	50.0
(DEL) Alkane: S...	2.754	29.4	ug/L	598896	1	5.613	1018920	50.0
2-Ethyl-oxetane	3.034	102.3	ug/L	2085610	1	5.613	1018920	50.0
(DEL) Alkane: C...	3.757	88.0	ug/L	1793340	1	5.613	1018920	50.0
Propanoic acid,...	5.902	2.6	ug/L	52109	1	5.613	1018920	50.0