LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

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: VV030652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	29	rVB	49238	55882	0.01%	0.003%
2	1.281	67	75	86	rBV	119349	136287	0.03%	0.008%
3	1.535	147	154	169	rVB	101080	122835	0.03%	0.007%
4	1.851	250	252	253	rBV2	3209	1387	0.00%	0.000%
5	2.011	300	302	304	rBV3	2523	1432	0.00%	0.000%
6	2.063	309	318	327	rBV	200886	297531	0.06%	0.017%
7	2.117	327	335	347	rVV	226836	351201	0.07%	0.020%
8	2.246	366	375	387	rBV2	14789	28399	0.01%	0.002%
9	2.320	396	398	400	rBV3	1101	816	0.00%	0.000%
10	2.359	408	410	412	rBV3	1071	647	0.00%	0.000%
11	2.455	427	440	451	rBV	267631	462496	0.10%	0.026%
12	2.523	452	461	476	rVB	135943	250241	0.05%	0.014%
13	2.632	493	495	497	rVB3	1847	891	0.00%	0.000%
14	2.760	533	535	537	rVB3	932	364	0.00%	0.000%
15	2.793	543	545	546	rBV2	1844	675	0.00%	0.000%
16	2.822	552	554	557	rVB5	1775	972	0.00%	0.000%
17	2.838	557	559	563	rBV5	1298	900	0.00%	0.000%
18	2.863	563	567	569	rBV4	1791	1121	0.00%	0.000%
19	2.892	574	576	578	rVV3	2439	1460	0.00%	0.000%
20	2.915	582	583	589	rVB5	1774	1012	0.00%	0.000%
21	2.941	589	591	594	rBV4	999	579	0.00%	0.000%
22	3.027	616	618	622	rVB5	1248	664	0.00%	0.000%
23	3.053	622	626	628	rBV5	1445	963	0.00%	0.000%
24	3.076	631	633	636	rVV4	1722	1121	0.00%	0.000%
25	3.124	639	648	654	rVV4	3646	6784	0.00%	0.000%
26	3.150	654	656	661	rVB6	1657	1115	0.00%	0.000%
27	3.227	676	680	682	rBV4	586	363	0.00%	0.000%
28	3.256	687	689	692	rBV4	911	434	0.00%	0.000%
29	3.272	692	694	696	rVB3	1254	565	0.00%	0.000%
30	3.301	699	703	704	rBV4	1505	978	0.00%	0.000%
31	3.346	713	717	719	rBV5	1716	1086	0.00%	0.000%
32	3.362	719	722	726	rVV5	2046	1649	0.00%	0.000%
33	3.378	726	727	730	rVV3	1217	653	0.00%	0.000%
34	3.394	730	732	734	rVV3	1017	508	0.00%	0.000%
35	3.420	737	740	743	rVB4	1330	928	0.00%	0.000%
36	3.436	743	745	747	rVB3	1053	508	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

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	3.461	750	753	754	rBV3	1125	524	0.00%	0.000%
38	3.468	754	755	758	rBV4	959	487	0.00%	0.000%
39	3.551	778	781	785	rVB5	1208	626	0.00%	0.000%
40	3.567	785	786	788	rBV2	995	396	0.00%	0.000%
41	3.580	788	790	794	rBV4	1574	894	0.00%	0.000%
42	3.600	794	796	798	rVB3	1657	797	0.00%	0.000%
43	3.616	798	801	803	rBV3	781	603	0.00%	0.000%
44	3.683	803	822	842	rBV2	117137	314404	0.07%	0.018%
45	3.802	849	859	880	rBV2	67827	188140	0.04%	0.010%
46	4.018	925	926	929	rBV3	1436	823	0.00%	0.000%
47	4.098	949	951	954	rVB4	1505	743	0.00%	0.000%
48	4.114	954	956	957	rBV2	1018	490	0.00%	0.000%
49	4.133	960	962	965	rVB3	1142	591	0.00%	0.000%
50	4.153	965	968	970	rBV4	1943	1404	0.00%	0.000%
51	4.175	973	975	976	rVB2	1133	335	0.00%	0.000%
52	4.185	976	978	982	rVB5	2712	2084	0.00%	0.000%
53	4.285	982	1009	1042	rBV	1627069	4556544	0.97%	0.254%
54	4.600	1089	1107	1125	rVB2	61074	167659	0.04%	0.009%
55	4.757	1138	1156	1176	rBV3	120392	322498	0.07%	0.018%
56	4.860	1184	1188	1191	rBV4	2082	1644	0.00%	0.000%
57	4.918	1203	1206	1207	rBV3	1301	682	0.00%	0.000%
58	5.072	1207	1254	1263	rBV8	82586310	397266230	84.74%	22.132%
59	5.548	1392	1402	1428	rVB	404179	813786	0.17%	0.045%
60	5.850	1485	1496	1511	rVB8	15978	35300	0.01%	0.002%
61	6.001	1529	1543	1558	rBV	215390	463377	0.10%	0.026%
62	6.342	1647	1649	1651	rBV3	1145	568	0.00%	0.000%
63	6.400	1665	1667	1671	rBV5	2007	1508	0.00%	0.000%
64	6.423	1671	1674	1675	rBV3	1733	746	0.00%	0.000%
65	6.509	1695	1701	1702	rBV5	2017	1938	0.00%	0.000%
66	6.558	1713	1716	1717	rBV3	1386	803	0.00%	0.000%
67	6.805	1792	1793	1795	rBV2	1040	400	0.00%	0.000%
68	6.831	1795	1801	1804	rBV8	1819	1899	0.00%	0.000%
69	6.924	1820	1830	1854	rVB	111244	212074	0.05%	0.012%
70	7.159	1901	1903	1904	rBV	1525	569	0.00%	0.000%
71	7.185	1904	1911	1917	rVV	3373	6142	0.00%	0.000%
72	7.259	1922	1934	1948	rVV	366707	721969	0.15%	0.040%
73	7.333	1949	1957	1980	rVB	69429	149423	0.03%	0.008%
74	7.564	2016	2029	2051	rBV2	77452	155748	0.03%	0.009%
75	7.683	2064	2066	2068	rBV3	1295	562	0.00%	0.000%
76	7.709	2073	2074	2077	rBV3	2039	1211	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

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	7.767	2089	2092	2094	rBV4	1271	1019	0.00%	0.000%
78	8.037	2167	2176	2207	rBV	143757	459001	0.10%	0.026%
79	8.513	2322	2324	2325	rBV2	840	339	0.00%	0.000%
80	8.661	2368	2370	2377	rVB8	2024	1703	0.00%	0.000%
81	8.689	2377	2379	2381	rBV3	1147	768	0.00%	0.000%
82	8.709	2381	2385	2390	rVB8	1461	1479	0.00%	0.000%
83	8.731	2390	2392	2395	rBV4	1034	649	0.00%	0.000%
84	8.863	2402	2433	2443	rBV6	90889117	382989325	81.69%	21.337%
85	10.169	2828	2839	2862	rBV2	571931	949627	0.20%	0.053%
86	10.381	2898	2905	2919	rVB	30020	53171	0.01%	0.003%
87	10.496	2936	2941	2951	rVB3	13177	21691	0.00%	0.001%
88	10.799	3032	3035	3036	rBV2	2206	1233	0.00%	0.000%
89	11.146	3126	3143	3158	rBV	13975495	37654932	8.03%	2.098%
90	11.294	3158	3189	3232	rVB8	99616251	468815591	100.00%	26.118%
91	11.667	3270	3305	3350	rBV6	100619545	459826053	98.08%	25.618%
92	12.348	3508	3517	3530	rVB	220816	342998	0.07%	0.019%
93	12.541	3566	3577	3588	rBV6	17964	40889	0.01%	0.002%
94	12.699	3618	3626	3638	rBV	93085	143013	0.03%	0.008%
95	13.217	3772	3787	3817	rBV	19955499	30125391	6.43%	1.678%
96	13.692	3922	3935	3957	rBV	4135088	6253211	1.33%	0.348%
97	14.098	4055	4061	4073	rVB4	19154	33214	0.01%	0.002%
98	14.487	4180	4182	4188	rBV7	2315	1786	0.00%	0.000%
99	14.770	4263	4270	4284	rVB2	32040	52815	0.01%	0.003%
100	15.345	4441	4449	4464	rVB2	35953	60217	0.01%	0.003%

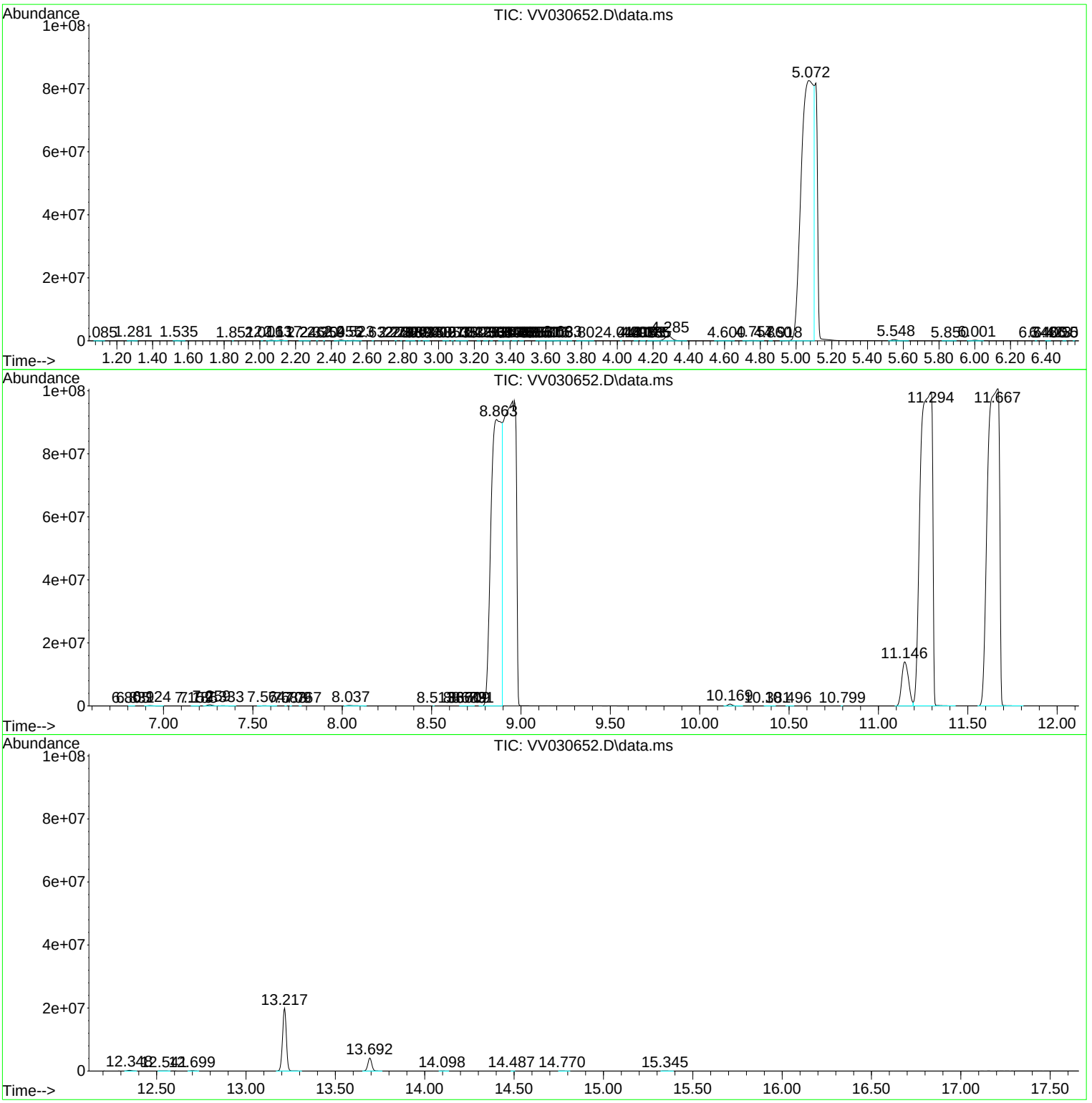
Sum of corrected areas: 1794962183

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

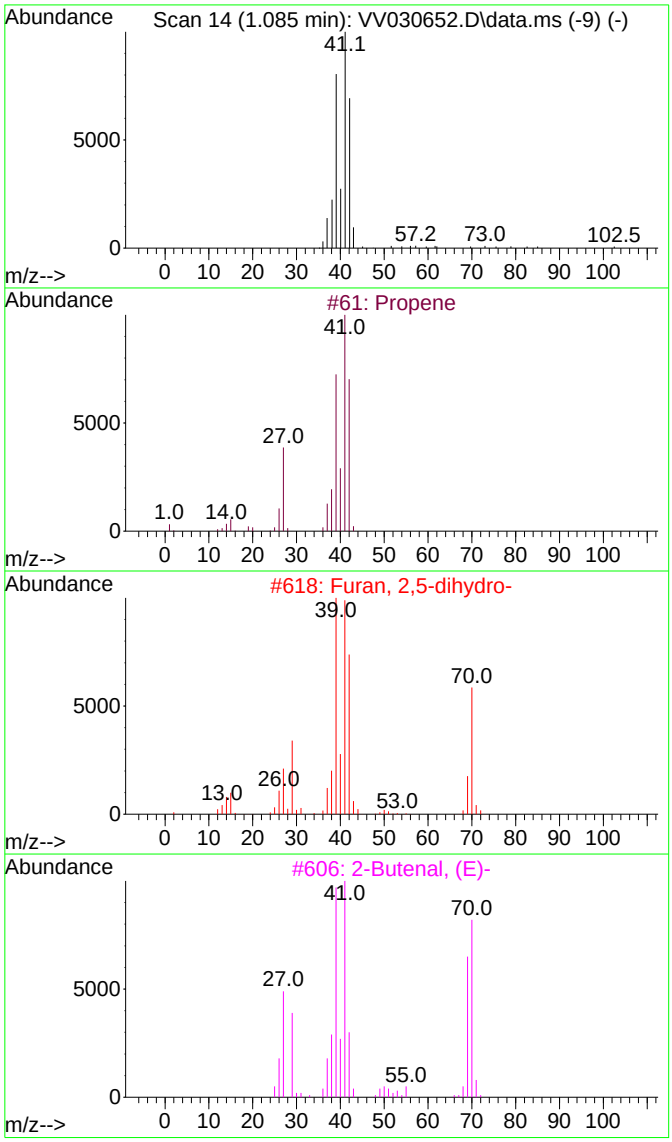
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

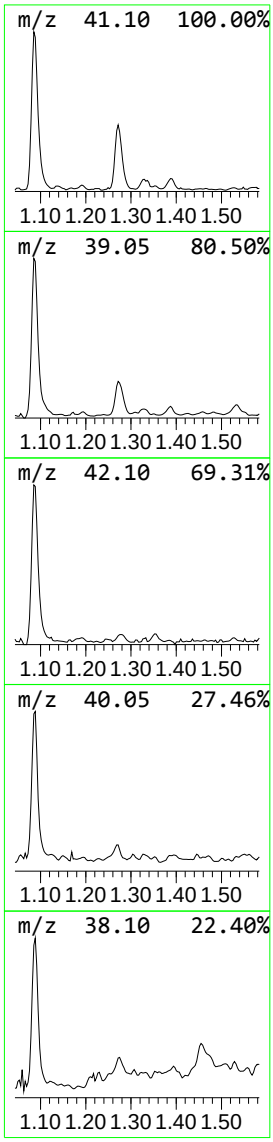
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	3.43 ug/L	55882	1,4-Difluorobenzene	5.548

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	3-Butenoic acid	86	C4H6O2	000625-38-7	78
5	Cyclopropane	42	C3H6	000075-19-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

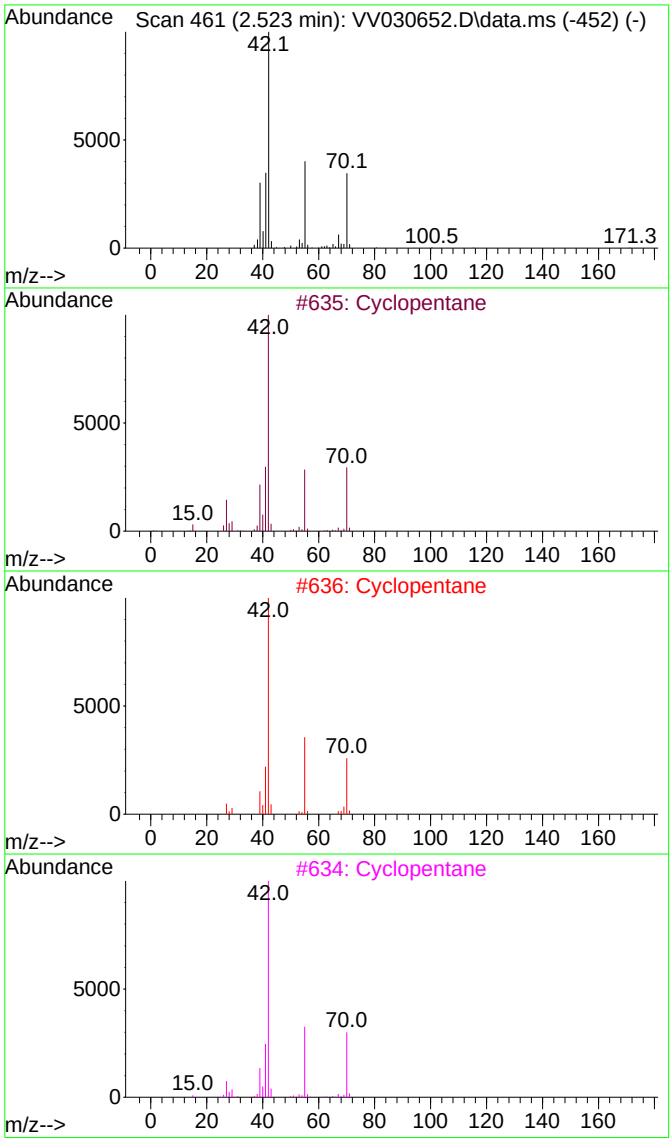
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

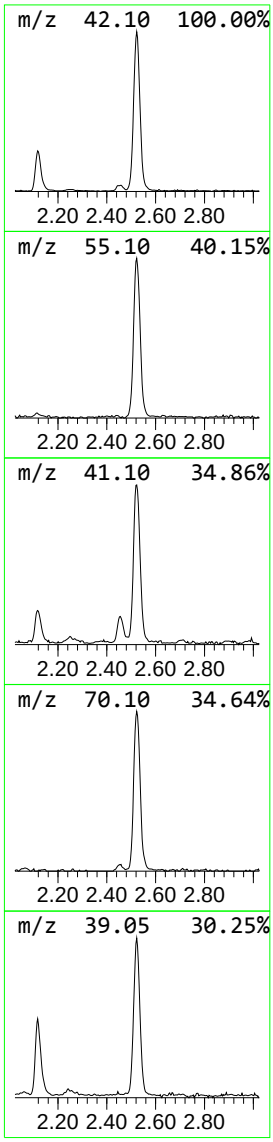
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic2.523 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.523	15.38 ug/L	250241	1,4-Difluorobenzene	5.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclopentane	70	C5H10	000287-92-3	72
3	Cyclopentane	70	C5H10	000287-92-3	72
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
5	1-Pentene	70	C5H10	000109-67-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

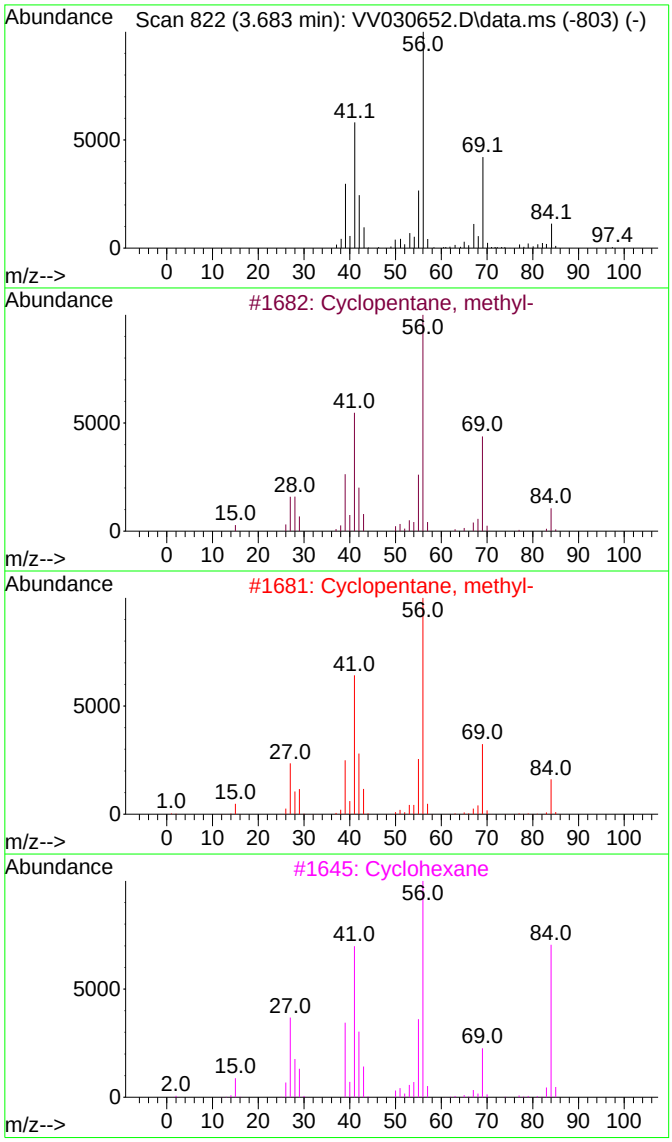
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

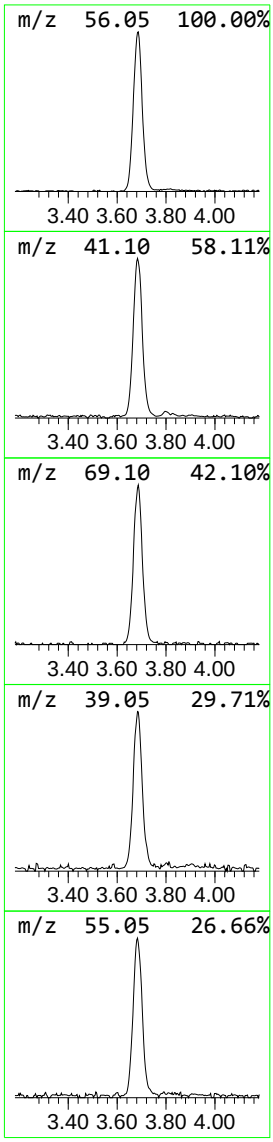
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.683 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.683	19.32 ug/L	314404	1,4-Difluorobenzene	5.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

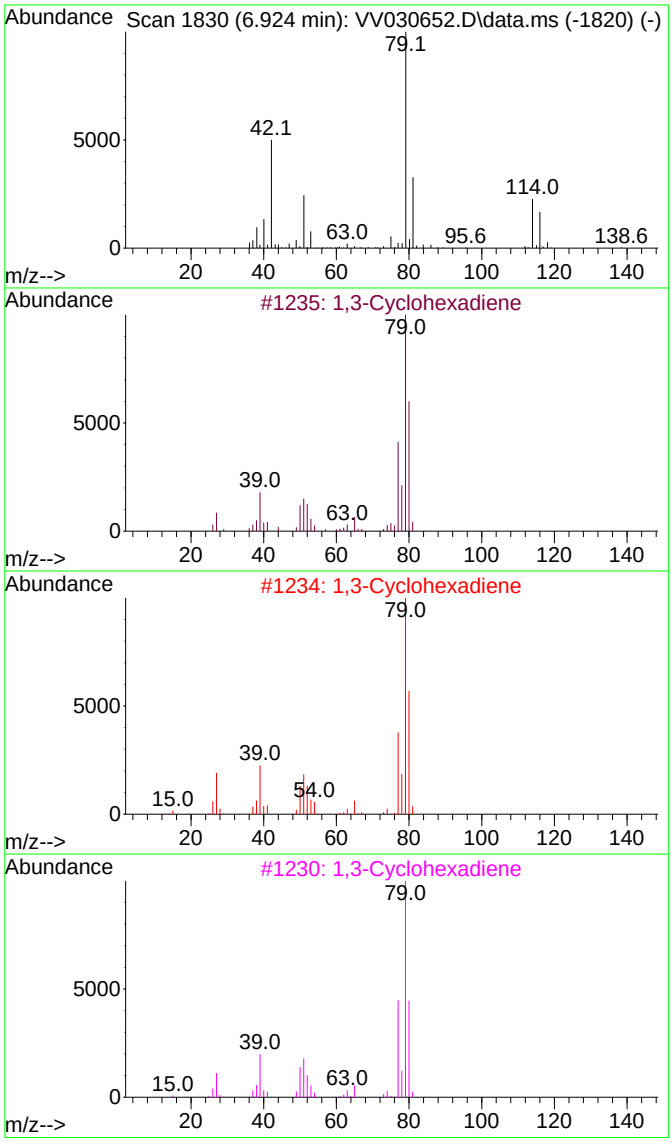
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

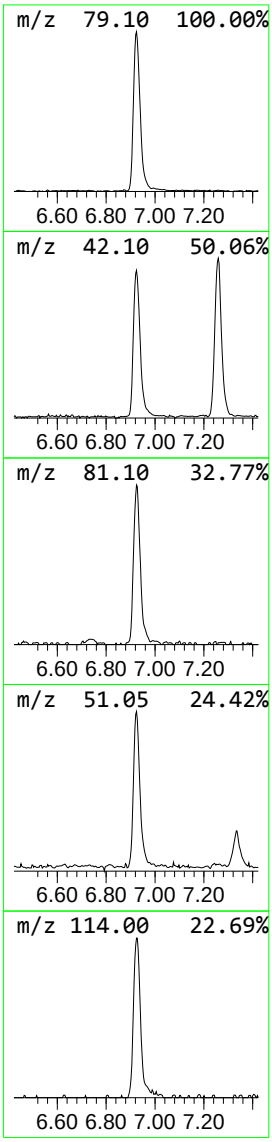
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.924	13.03 ug/L	212074	1,4-Difluorobenzene	5.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	32
2	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
3	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
4	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
5	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
Data File : VV030652.D
Acq On : 19 Apr 2023 05:26
Operator : SY/MD
Sample : 02398-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MP3

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
(DEL) Alkane: S...	1.085	3.4	ug/L	55882	1	5.548	813786	50.0
(DEL) Alkane: C...	2.523	15.4	ug/L	250241	1	5.548	813786	50.0
(DEL) Alkane: C...	3.683	19.3	ug/L	314404	1	5.548	813786	50.0
unknown-01	6.924	13.0	ug/L	212074	1	5.548	813786	50.0