LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

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\SFAMVLM050321WMA.M
Title : VOC Analysis

Signal : TIC: VV021323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.217	51	55	59	rVB3	14959	12834	0.54%	0.059%
2	1.307	77	83	96	rBV	310520	318530	13.47%	1.463%
3	1.571	158	165	177	rVB	235163	264362	11.18%	1.214%
4	1.635	179	185	194	rVB	158167	187913	7.95%	0.863%
5	2.108	323	332	353	rVB	571237	880035	37.21%	4.042%
6	2.249	374	376	380	rVB4	1571	824	0.03%	0.004%
7	2.288	384	388	391	rBV4	1090	949	0.04%	0.004%
8	2.397	417	422	425	rBV4	1645	1471	0.06%	0.007%
9	2.500	443	454	464	rBV6	53050	114804	4.85%	0.527%
10	2.629	492	494	497	rBV2	1498	909	0.04%	0.004%
11	2.693	508	514	516	rBV5	1534	1662	0.07%	0.008%
12	2.770	524	538	563	rVB	1013833	2139773	90.47%	9.829%
13	2.934	587	589	594	rVB4	1722	1100	0.05%	0.005%
14	2.960	594	597	602	rVB6	2301	2213	0.09%	0.010%
15	2.982	602	604	607	rVB2	1223	659	0.03%	0.003%
16	3.159	657	659	661	rBV2	1535	866	0.04%	0.004%
17	3.243	681	685	689	rVB4	1618	1296	0.05%	0.006%
18	3.281	689	697	699	rBV6	3160	3829	0.16%	0.018%
19	3.365	717	723	724	rBV6	2486	2353	0.10%	0.011%
20	3.545	769	779	784	rBV9	4878	8728	0.37%	0.040%
21	3.625	801	804	805	rBV3	1469	722	0.03%	0.003%
22	3.764	841	847	855	rBV10	5893	8371	0.35%	0.038%
23	3.850	871	874	877	rVB4	2320	1260	0.05%	0.006%
24	3.899	879	889	891	rBV	102624	133533	5.65%	0.613%
25	4.355	1015	1031	1057	rBV2	432359	1057345	44.71%	4.857%
26	4.606	1101	1109	1114	rBV2	2059	2997	0.13%	0.014%
27	4.648	1120	1122	1124	rBV2	1590	751	0.03%	0.003%
28	4.767	1147	1159	1178	rVB4	59257	147297	6.23%	0.677%
29	4.838	1178	1181	1184	rBV4	1887	1116	0.05%	0.005%
30	5.050	1230	1247	1274	rBV4	925946	2365072	100.00%	10.864%
31	5.391	1350	1353	1356	rVB5	2174	1316	0.06%	0.006%
32	5.487	1380	1383	1385	rBV3	3356	1990	0.08%	0.009%
33	5.622	1409	1425	1457	rBV	795723	1606600	67.93%	7.380%
34	5.911	1503	1515	1535	rBV6	56652	142684	6.03%	0.655%
35	6.072	1549	1565	1594	rBV2	504440	1058069	44.74%	4.860%
36	6.355	1650	1653	1656	rVB3	2211	1282	0.05%	0.006%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

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\SFAMVLM050321WMA.M
Title : VOC Analysis

37	6.371	1656	1658	1661	rBV4	1933	1237	0.05%	0.006%
38	6.876	1812	1815	1817	rBV3	1869	1194	0.05%	0.005%
39	6.944	1831	1836	1839	rBV5	2761	2367	0.10%	0.011%
40	6.992	1840	1851	1875	rVV2	324504	590899	24.98%	2.714%
41	7.320	1942	1953	1972	rBV	1151362	1966143	83.13%	9.031%
42	7.628	2039	2049	2065	rBV	221433	393831	16.65%	1.809%
43	7.847	2110	2117	2122	rBV4	11289	17385	0.74%	0.080%
44	7.931	2140	2143	2144	rBV4	1326	826	0.03%	0.004%
45	7.979	2148	2158	2172	rVV2	216862	370914	15.68%	1.704%
46	8.095	2184	2194	2224	rBV3	444888	915369	38.70%	4.205%
47	8.693	2375	2380	2384	rBV4	3079	2782	0.12%	0.013%
48	8.757	2395	2400	2406	rBV8	1155	1398	0.06%	0.006%
49	8.786	2406	2409	2410	rBV2	1336	957	0.04%	0.004%
50	8.857	2419	2431	2451	rBV	1195628	1917675	81.08%	8.809%
51	9.333	2575	2579	2582	rBV5	1916	1341	0.06%	0.006%
52	9.371	2586	2591	2594	rBV4	1628	1305	0.06%	0.006%
53	9.419	2603	2606	2608	rVB4	1323	773	0.03%	0.004%
54	9.474	2617	2623	2625	rBV6	2535	2979	0.13%	0.014%
55	9.622	2667	2669	2672	rVB3	1368	817	0.03%	0.004%
56	9.677	2675	2686	2687	rBV10	2160	2596	0.11%	0.012%
57	9.792	2720	2722	2726	rBV3	1537	1351	0.06%	0.006%
58	9.818	2726	2730	2734	rVV4	1575	1230	0.05%	0.006%
59	9.879	2747	2749	2754	rVB5	1223	841	0.04%	0.004%
60	9.908	2754	2758	2762	rBV5	1459	1696	0.07%	0.008%
61	9.995	2782	2785	2788	rBV5	1573	1391	0.06%	0.006%
62	10.046	2797	2801	2802	rBV3	1118	933	0.04%	0.004%
63	10.223	2843	2856	2874	rBV	697359	1090784	46.12%	5.010%
64	10.538	2952	2954	2957	rBV4	1068	655	0.03%	0.003%
65	10.622	2977	2980	2983	rBV4	1507	857	0.04%	0.004%
66	10.689	2998	3001	3004	rBV4	1532	864	0.04%	0.004%
67	10.927	3062	3075	3085	rVB4	7434	13961	0.59%	0.064%
68	10.992	3092	3095	3099	rVB5	1295	865	0.04%	0.004%
69	11.021	3099	3104	3106	rBV5	2034	1500	0.06%	0.007%
70	11.043	3106	3111	3112	rBV3	1322	964	0.04%	0.004%
71	11.072	3112	3120	3125	rVV6	5474	8357	0.35%	0.038%
72	11.146	3139	3143	3144	rBV4	3325	2475	0.10%	0.011%
73	11.255	3166	3177	3196	rBV	1233692	1933515	81.75%	8.881%
74	11.490	3246	3250	3257	rBV8	2621	3229	0.14%	0.015%
75	11.631	3282	3294	3310	rBV	1253497	2005048	84.78%	9.210%
76	11.792	3341	3344	3345	rBV3	2173	1107	0.05%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

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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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Title : VOC Analysis

77	12.011	3407	3412	3417	rVV7	1580	1559	0.07%	0.007%
78	12.246	3481	3485	3486	rBV3	903	591	0.02%	0.003%
79	12.297	3497	3501	3504	rBV5	2468	2276	0.10%	0.010%
80	12.368	3517	3523	3524	rBV5	1642	1449	0.06%	0.007%
81	12.426	3538	3541	3544	rBV4	1523	987	0.04%	0.005%
82	12.474	3550	3556	3559	rBV4	1818	1733	0.07%	0.008%
83	12.532	3571	3574	3577	rVB3	1752	1124	0.05%	0.005%
84	12.554	3577	3581	3582	rBV3	1530	1131	0.05%	0.005%
85	12.590	3589	3592	3597	rBV5	1818	1499	0.06%	0.007%
86	12.725	3632	3634	3636	rBV3	1616	734	0.03%	0.003%
87	12.757	3641	3644	3645	rBV3	1713	933	0.04%	0.004%
88	12.950	3701	3704	3705	rBV2	1247	735	0.03%	0.003%
89	13.278	3803	3806	3808	rBV3	2259	1156	0.05%	0.005%
90	13.313	3813	3817	3818	rBV2	3025	1849	0.08%	0.008%
91	13.352	3827	3829	3832	rVB3	1796	1002	0.04%	0.005%
92	13.844	3980	3982	3984	rBV3	1648	910	0.04%	0.004%
93	13.959	4015	4018	4020	rBV2	1382	679	0.03%	0.003%
94	14.381	4145	4149	4152	rBV5	1479	1376	0.06%	0.006%
95	14.397	4152	4154	4158	rVB4	1748	942	0.04%	0.004%
96	14.467	4173	4176	4179	rBV5	1923	1499	0.06%	0.007%
97	14.535	4195	4197	4201	rBV4	1897	1328	0.06%	0.006%
98	14.683	4241	4243	4245	rBV2	1560	753	0.03%	0.003%
99	14.815	4282	4284	4288	rBV3	1088	659	0.03%	0.003%
100	15.278	4423	4428	4431	rBV6	2749	3361	0.14%	0.015%

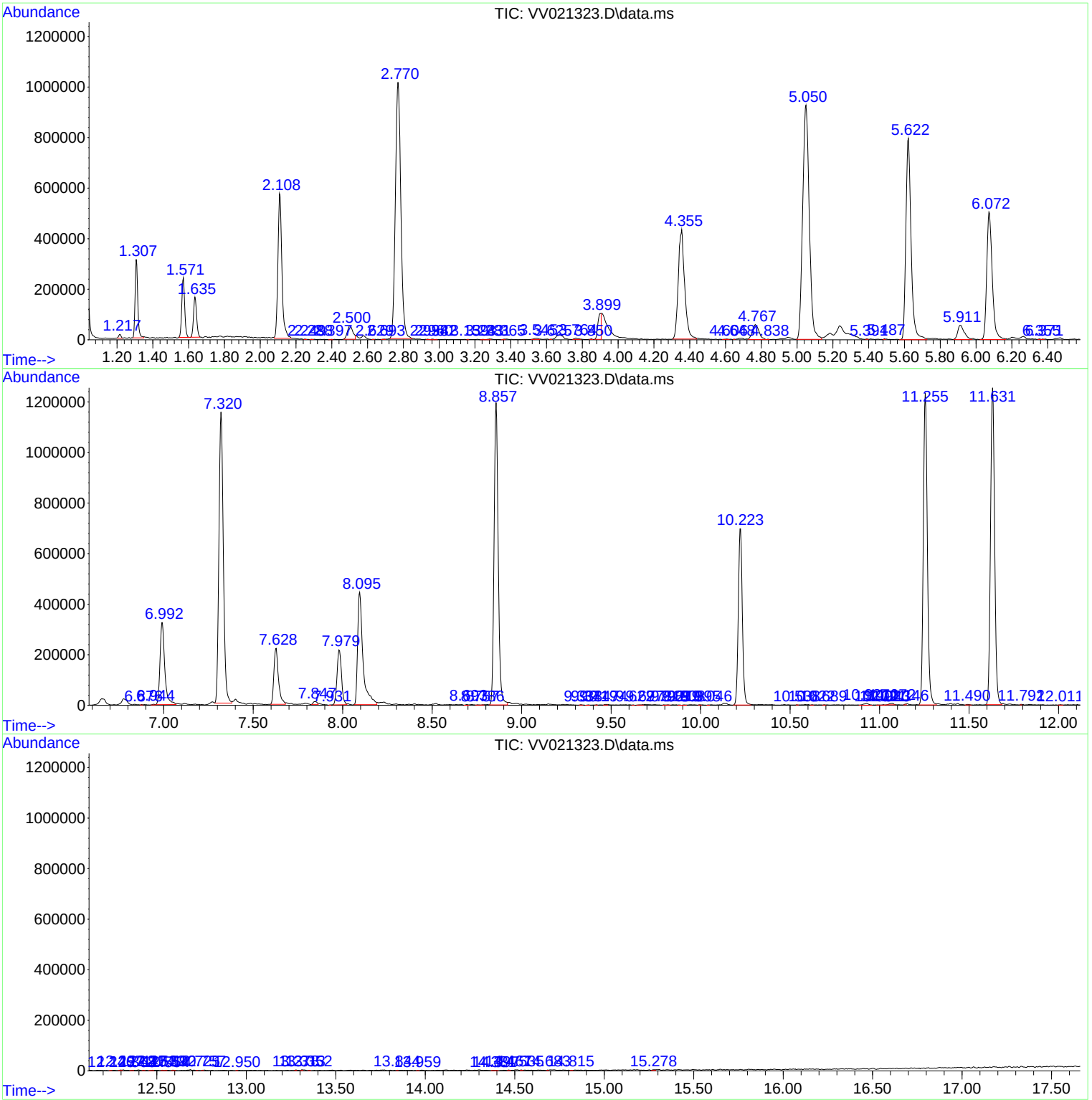
Sum of corrected areas: 21770191

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A00DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

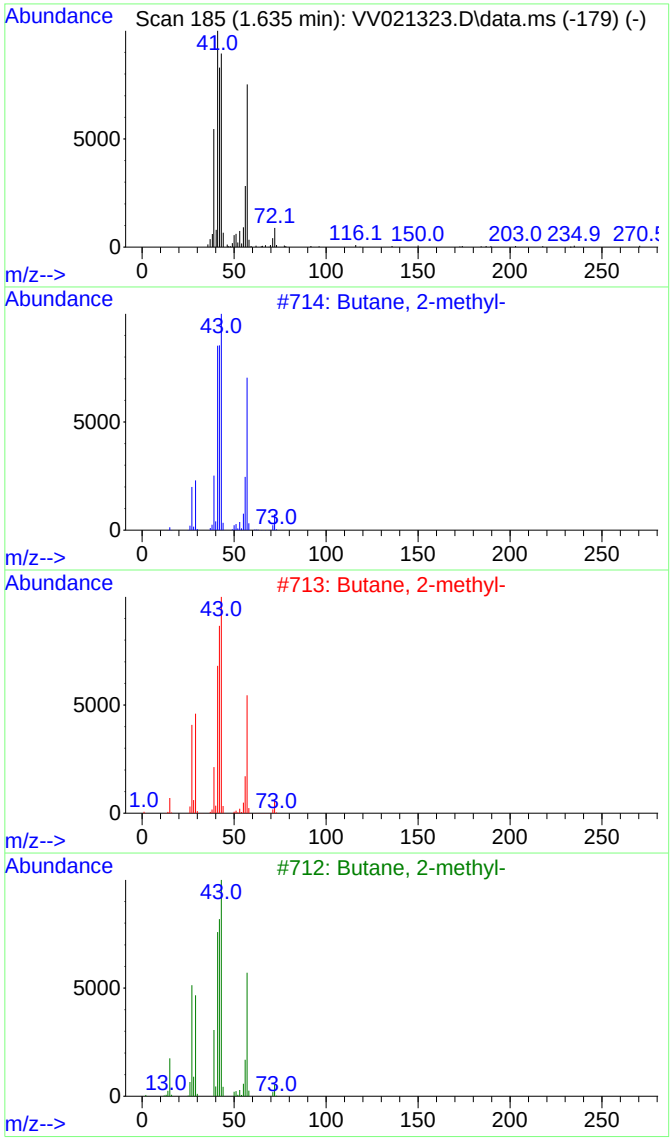
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

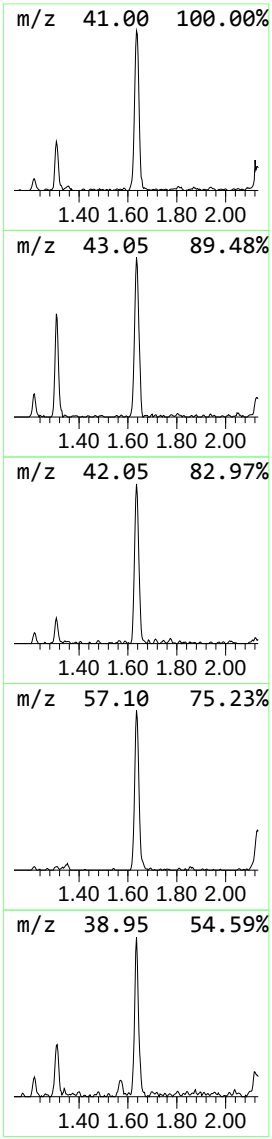
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	5.85 ug/L	187913	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	74
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Butane, 2-methyl-	72	C5H12	000078-78-4	58
4	1-Hexene	84	C6H12	000592-41-6	38
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

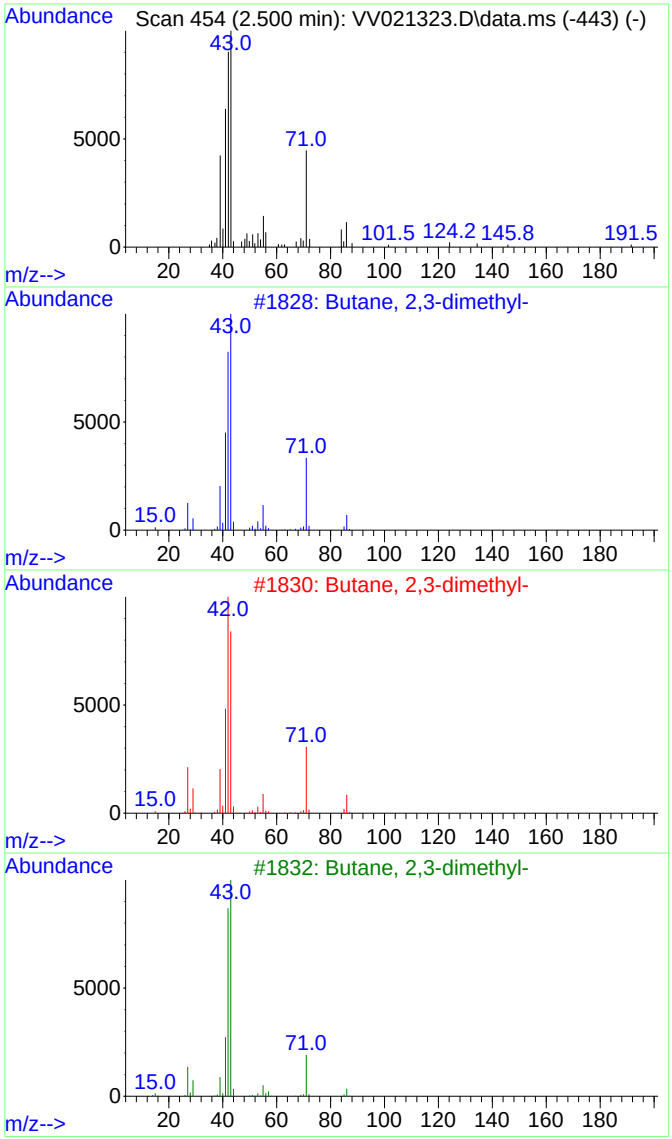
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

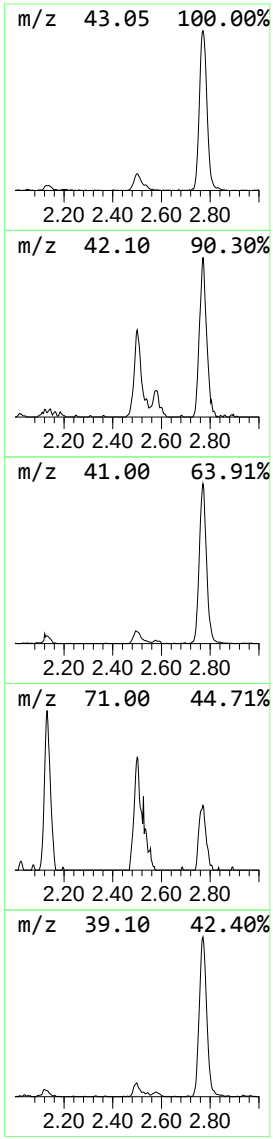
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.500	3.57 ug/L	114804	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	62
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	42
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

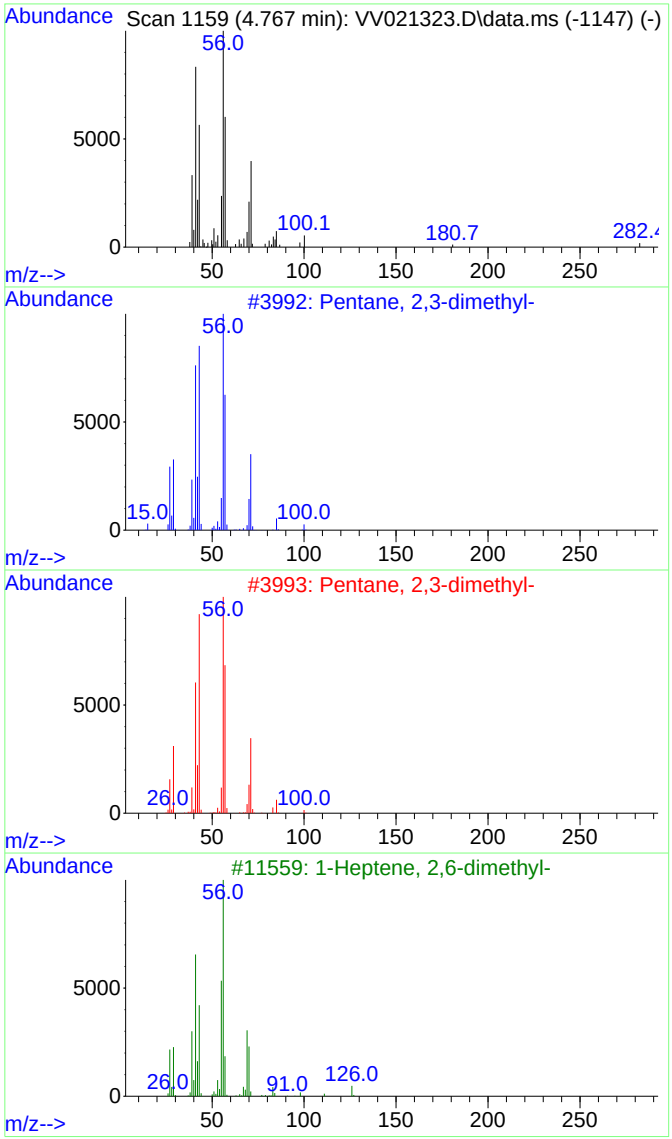
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

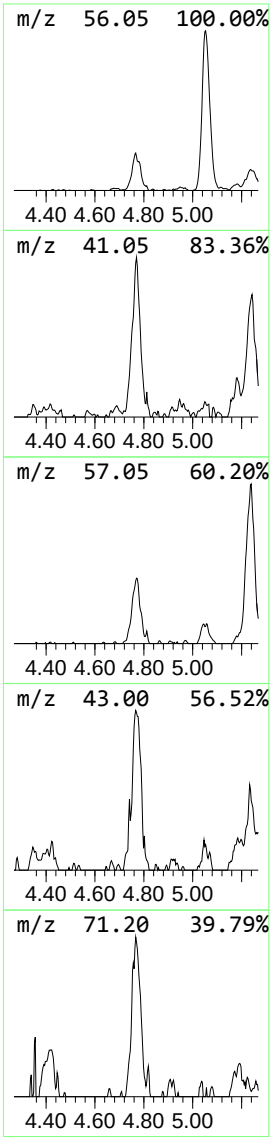
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.767	4.58 ug/L	147297	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
3	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	53
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

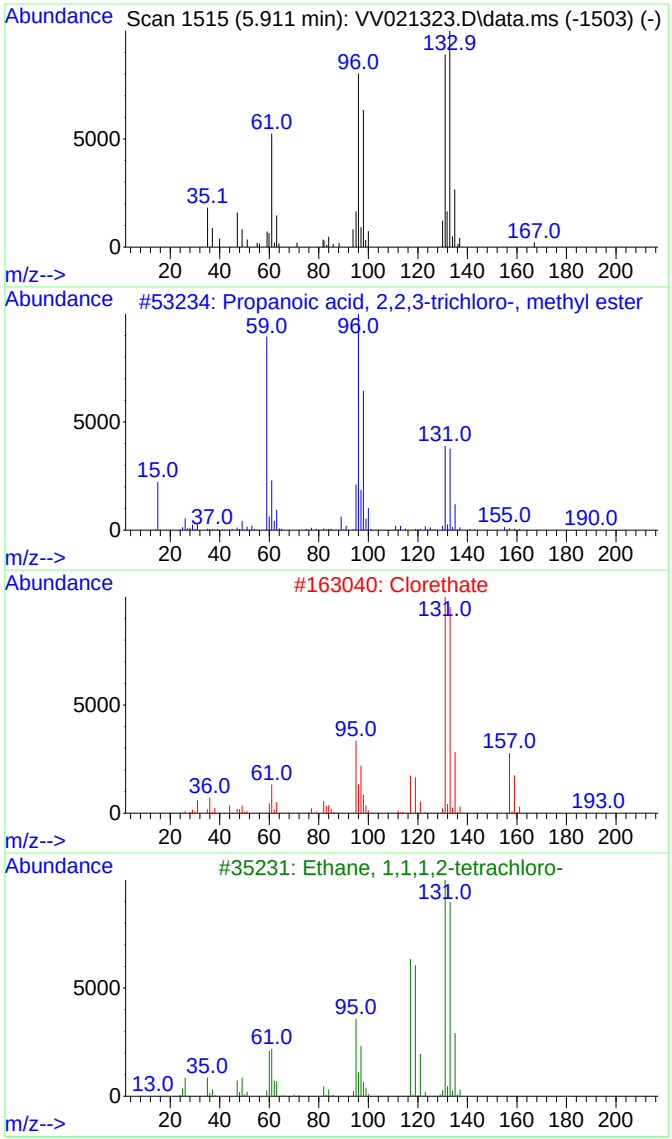
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

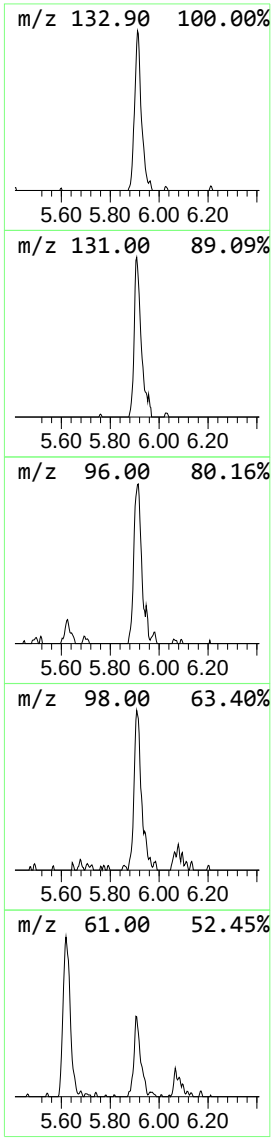
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.911	4.44 ug/L	142684	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	39
2	Clorethate	322	C5H4Cl6O3	005634-37-7	37
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021323.D
Acq On : 07 May 2021 13:43
Operator : SY/MD
Sample : M2320-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.635	5.8	ug/L	187913	1	5.622	1606600	50.0
(DEL) Alkane: S...	2.500	3.6	ug/L	114804	1	5.622	1606600	50.0
(DEL) Alkane: S...	4.767	4.6	ug/L	147297	1	5.622	1606600	50.0
unknown-01	5.911	4.4	ug/L	142684	1	5.622	1606600	50.0