LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

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\SOMVLM060820WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	36	41	50	rVB	47724	44147	3.79%	0.359%
2	1.312	62	69	79	rVV	298362	308716	26.54%	2.507%
3	1.360	80	84	92	rVB	32467	31070	2.67%	0.252%
4	1.422	99	103	108	rVB	27030	22549	1.94%	0.183%
5	1.560	140	146	158	rVB	116092	142911	12.28%	1.161%
6	1.627	161	167	176	rVB	44428	55843	4.80%	0.454%
7	1.769	205	211	217	rBV	24774	30412	2.61%	0.247%
8	2.116	310	319	335	rVB	256390	372660	32.03%	3.027%
9	2.589	458	466	477	rVB	48022	82269	7.07%	0.668%
10	3.103	622	626	629	rBV5	2076	1828	0.16%	0.015%
11	3.161	638	644	645	rBV4	1138	1160	0.10%	0.009%
12	3.447	724	733	737	rBV9	6364	10603	0.91%	0.086%
13	3.611	782	784	788	rBV5	1161	738	0.06%	0.006%
14	3.627	788	789	793	rVB4	1726	666	0.06%	0.005%
15	3.646	793	795	799	rBV5	1088	935	0.08%	0.008%
16	3.679	803	805	809	rBV4	1699	1401	0.12%	0.011%
17	3.894	862	872	901	rBV	106504	282267	24.26%	2.293%
18	4.232	972	977	980	rBV6	1445	1681	0.14%	0.014%
19	4.373	1007	1021	1043	rVB	220289	535373	46.02%	4.348%
20	4.566	1079	1081	1083	rBV2	2238	1390	0.12%	0.011%
21	4.698	1111	1122	1140	rVB4	23541	59014	5.07%	0.479%
22	4.884	1177	1180	1186	rBV8	1365	1334	0.11%	0.011%
23	4.939	1193	1197	1201	rBV7	1414	1325	0.11%	0.011%
24	5.071	1221	1238	1242	rBV2	535388	1163304	100.00%	9.449%
25	5.473	1360	1363	1366	rVB4	1861	1013	0.09%	0.008%
26	5.640	1403	1415	1442	rBV	439077	865186	74.37%	7.027%
27	5.849	1478	1480	1483	rBV3	1403	679	0.06%	0.006%
28	5.929	1494	1505	1517	rBV6	19115	40585	3.49%	0.330%
29	6.093	1543	1556	1583	rBV	299705	615986	52.95%	5.003%
30	6.299	1618	1620	1624	rBV4	1202	855	0.07%	0.007%
31	6.515	1683	1687	1690	rBV6	1373	1166	0.10%	0.009%
32	6.920	1811	1813	1815	rBV3	1916	1216	0.10%	0.010%
33	7.006	1830	1840	1858	rBV2	180272	310722	26.71%	2.524%
34	7.251	1912	1916	1918	rBV5	2415	2155	0.19%	0.018%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

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\SOMVLM060820WMA.M
Title : VOC Analysis

35	7.338	1931	1943	1956	rBV	635899	1080390	92.87%	8.775%
36	7.408	1957	1965	1988	rVB	247013	430595	37.01%	3.497%
37	7.640	2029	2037	2052	rVB	126561	212551	18.27%	1.726%
38	7.839	2096	2099	2101	rBV4	1463	837	0.07%	0.007%
39	7.984	2141	2144	2146	rBV2	1732	1072	0.09%	0.009%
40	8.019	2153	2155	2156	rBV2	1020	582	0.05%	0.005%
41	8.026	2156	2157	2162	rVV4	1334	1079	0.09%	0.009%
42	8.106	2172	2182	2214	rBV2	325539	631210	54.26%	5.127%
43	8.412	2275	2277	2279	rBV3	1300	670	0.06%	0.005%
44	8.441	2284	2286	2288	rBV2	1678	916	0.08%	0.007%
45	8.521	2309	2311	2314	rVB4	1360	895	0.08%	0.007%
46	8.550	2317	2320	2323	rBV5	1402	906	0.08%	0.007%
47	8.707	2366	2369	2372	rBV5	1199	784	0.07%	0.006%
48	8.791	2389	2395	2400	rVB10	1595	1864	0.16%	0.015%
49	8.826	2403	2406	2407	rBV3	2099	1372	0.12%	0.011%
50	8.871	2409	2420	2444	rBV	669250	1109222	95.35%	9.009%
51	9.032	2460	2470	2490	rBV	387410	607650	52.23%	4.935%
52	9.405	2578	2586	2594	rBV9	9517	16570	1.42%	0.135%
53	9.566	2627	2636	2653	rVB	131650	213717	18.37%	1.736%
54	10.103	2797	2803	2813	rVB	6393	11095	0.95%	0.090%
55	10.238	2832	2845	2862	rBV	410642	644422	55.40%	5.234%
56	10.630	2962	2967	2971	rBV8	1817	1657	0.14%	0.013%
57	10.656	2971	2975	2976	rBV4	1853	1205	0.10%	0.010%
58	10.759	3001	3007	3015	rBV2	13295	20718	1.78%	0.168%
59	10.936	3055	3062	3072	rBV2	19104	28614	2.46%	0.232%
60	11.270	3154	3166	3182	rBV	726244	1103230	94.84%	8.961%
61	11.495	3233	3236	3241	rBV6	2399	1659	0.14%	0.013%
62	11.646	3271	3283	3299	rBV	720243	1122868	96.52%	9.120%
63	11.974	3381	3385	3388	rBV5	1032	886	0.08%	0.007%
64	12.029	3399	3402	3405	rBV4	1914	1266	0.11%	0.010%
65	12.273	3476	3478	3483	rVB5	1349	758	0.07%	0.006%
66	12.315	3487	3491	3493	rBV4	1514	1286	0.11%	0.010%
67	12.575	3569	3572	3579	rVB6	2145	1931	0.17%	0.016%
68	12.611	3579	3583	3585	rVB4	1431	1169	0.10%	0.009%
69	12.646	3589	3594	3596	rBV5	1666	1483	0.13%	0.012%
70	12.659	3596	3598	3602	rVB5	1582	1094	0.09%	0.009%
71	12.681	3602	3605	3606	rBV3	1502	838	0.07%	0.007%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

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\SOMVLM060820WMA.M
Title : VOC Analysis

72	12.714	3613	3615	3618	rBV4	1487	838	0.07%	0.007%
73	12.826	3647	3650	3651	rBV3	1712	832	0.07%	0.007%
74	12.955	3686	3690	3691	rBV4	1025	652	0.06%	0.005%
75	13.038	3713	3716	3718	rBV4	1295	831	0.07%	0.007%
76	13.074	3723	3727	3731	rVB7	1945	1585	0.14%	0.013%
77	13.135	3744	3746	3752	rVB5	1558	1030	0.09%	0.008%
78	13.161	3752	3754	3756	rBV2	1356	743	0.06%	0.006%
79	13.389	3821	3825	3827	rBV4	1148	726	0.06%	0.006%
80	13.405	3829	3830	3834	rVV4	1285	675	0.06%	0.005%
81	13.489	3854	3856	3857	rBV2	1114	561	0.05%	0.005%
82	13.530	3860	3869	3880	rVV2	19341	33206	2.85%	0.270%
83	13.572	3880	3882	3884	rVB3	1689	628	0.05%	0.005%
84	13.765	3940	3942	3945	rBV3	1311	869	0.07%	0.007%
85	13.781	3945	3947	3951	rVV5	1398	916	0.08%	0.007%
86	13.887	3978	3980	3985	rVB5	1644	1091	0.09%	0.009%
87	14.038	4023	4027	4029	rBV3	1702	1254	0.11%	0.010%
88	14.048	4029	4030	4033	rVV3	1167	614	0.05%	0.005%
89	14.109	4046	4049	4051	rBV3	1530	962	0.08%	0.008%
90	14.183	4070	4072	4073	rBV2	1271	605	0.05%	0.005%
91	14.215	4077	4082	4084	rBV6	1686	1448	0.12%	0.012%
92	14.360	4122	4127	4130	rBV7	1921	1756	0.15%	0.014%
93	14.585	4196	4197	4199	rBV2	1294	635	0.05%	0.005%
94	14.656	4217	4219	4222	rBV3	1780	1260	0.11%	0.010%
95	14.768	4250	4254	4255	rBV3	1243	955	0.08%	0.008%
96	14.826	4270	4272	4275	rBV3	1526	938	0.08%	0.008%
97	14.987	4320	4322	4325	rBV4	1737	1023	0.09%	0.008%
98	15.093	4353	4355	4357	rBV3	1471	727	0.06%	0.006%
99	15.238	4398	4400	4402	rBV3	1329	902	0.08%	0.007%
100	15.440	4460	4463	4465	rBV4	2018	1376	0.12%	0.011%

Sum of corrected areas: 12311858

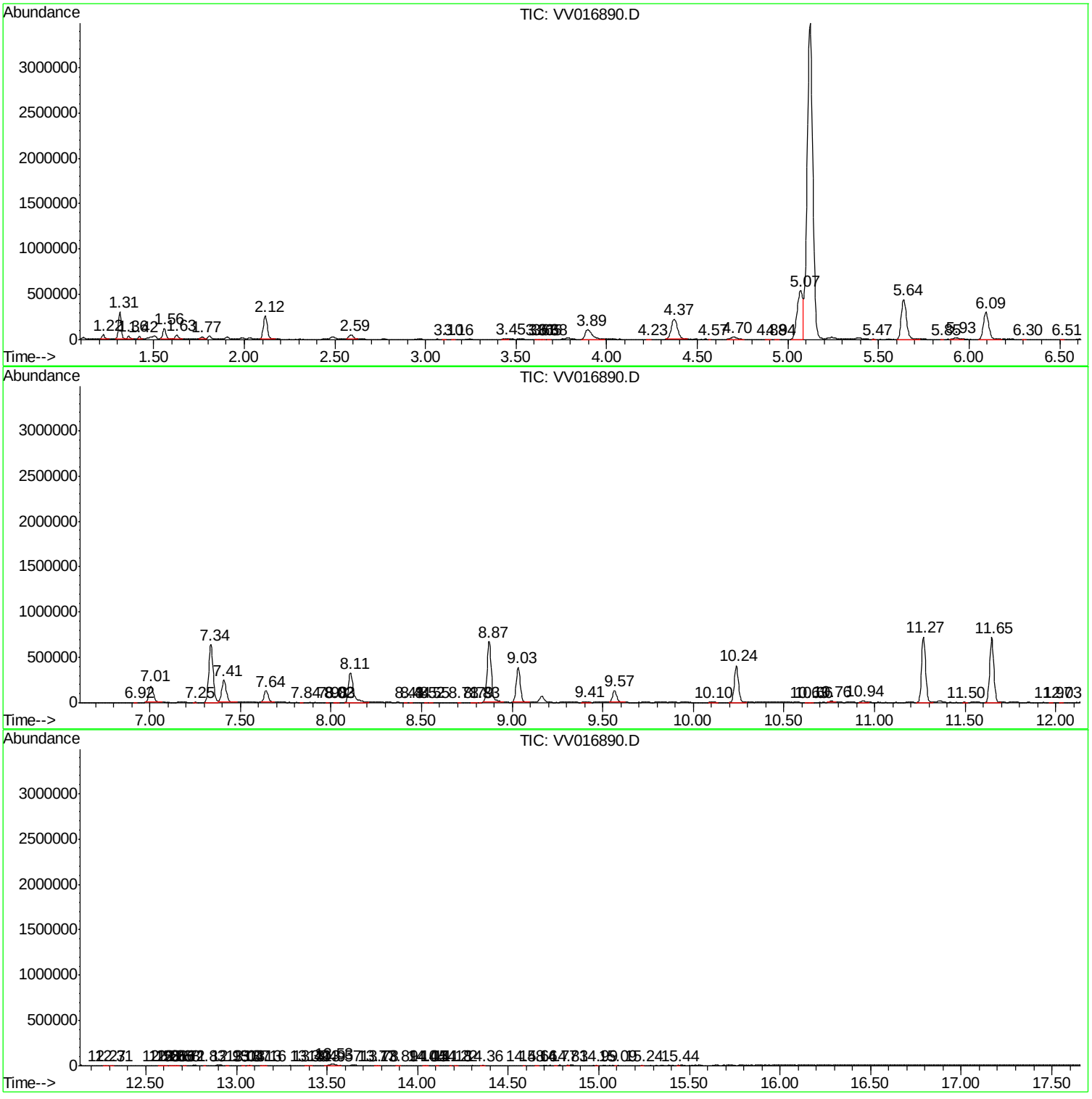
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

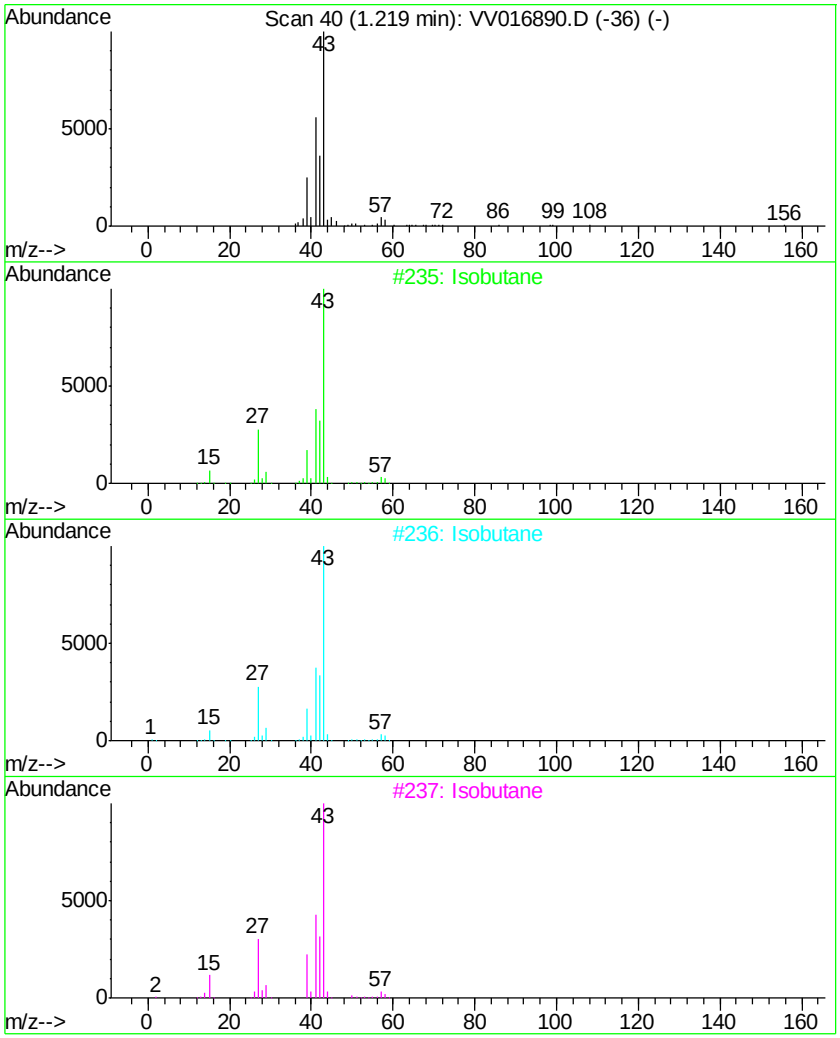
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

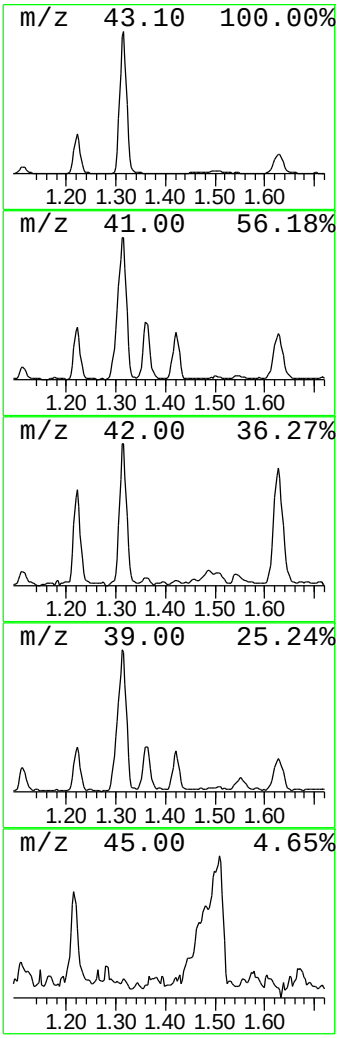
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	2.55 ug/L	44147	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	45
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

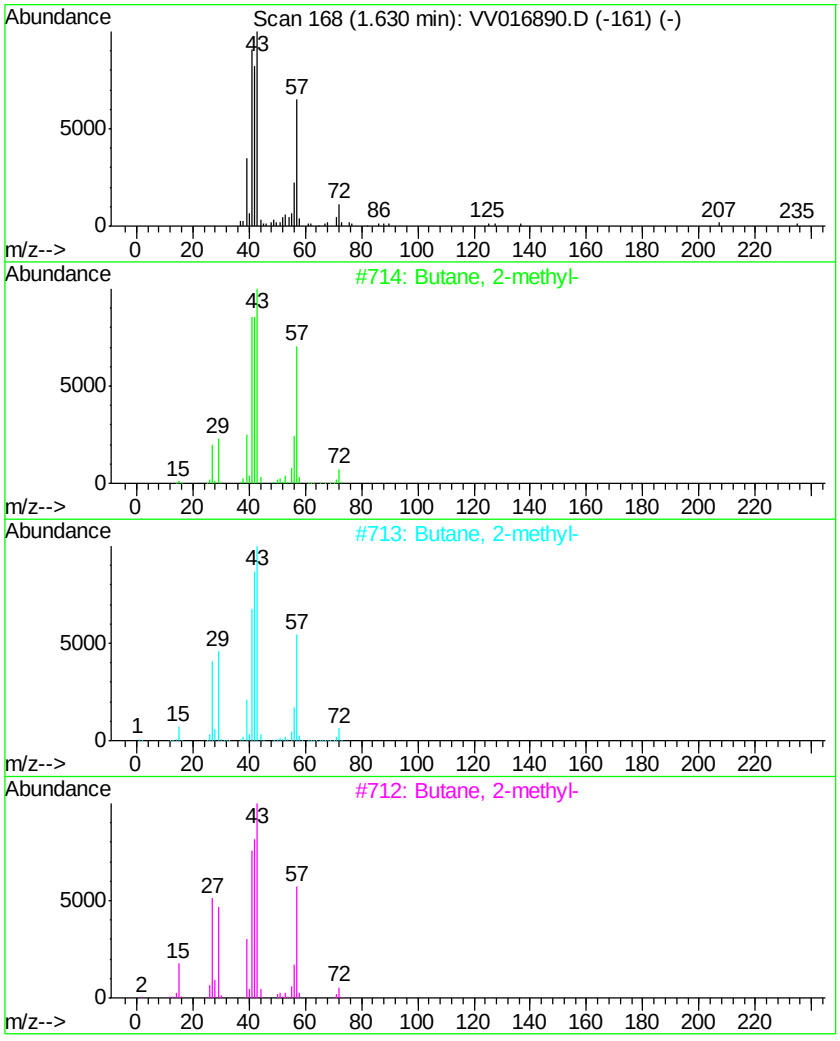
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

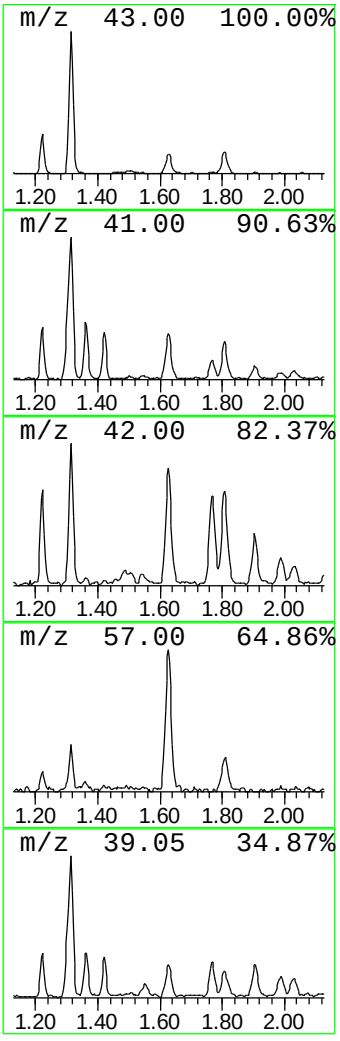
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	3.23 ug/L	55843	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Butane, 2-methyl-	72	C5H12	000078-78-4	90
4	Isobutylene epoxide	72	C4H8O	000558-30-5	53
5	Butanoic acid, 4-hydroxy-	104	C4H8O3	000591-81-1	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

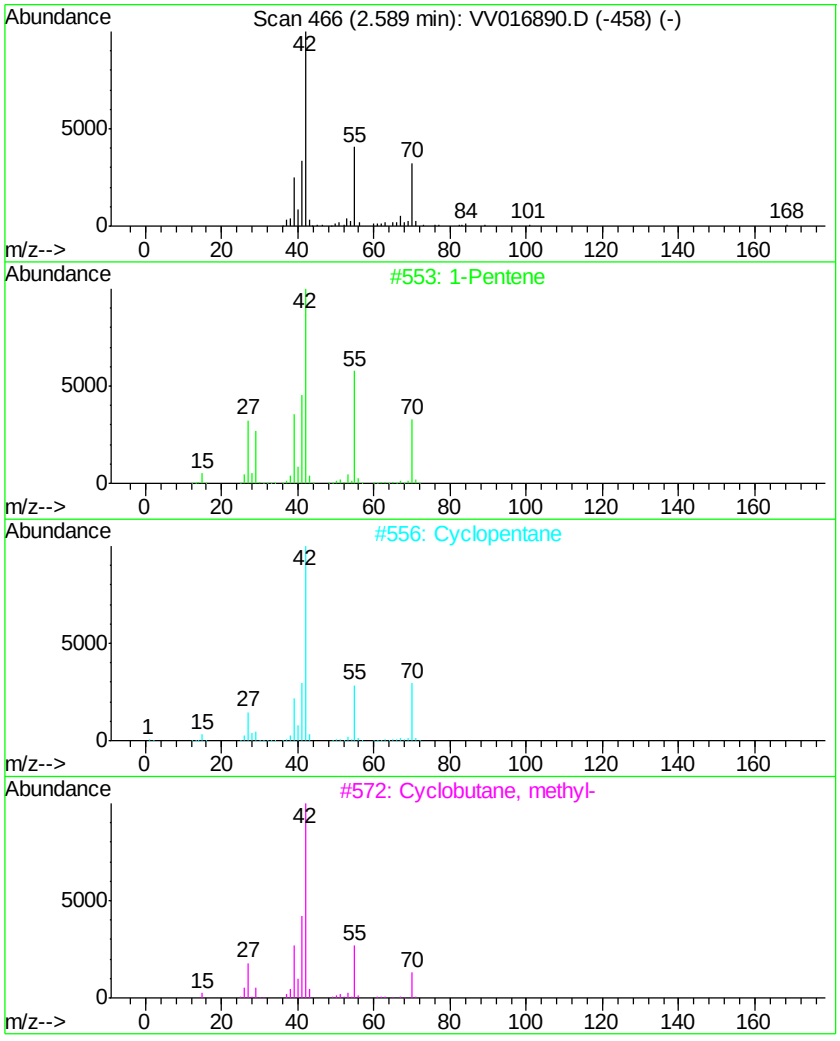
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

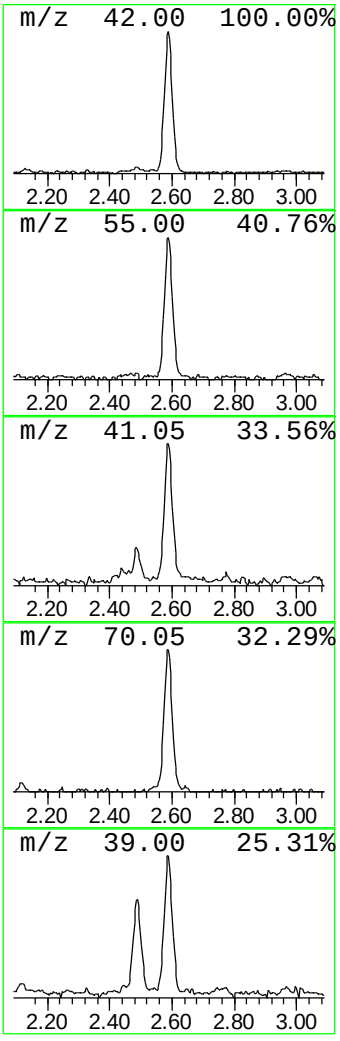
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	4.75 ug/L	82269	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclopentane	70	C5H10	000287-92-3	80
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	Cyclopentane	70	C5H10	000287-92-3	72
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016890.D
Acq On : 12 Jun 2020 19:46
Operator : SY/MD
Sample : L2914-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.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: Str...	1.22	2.5	ug/L	44147	1	5.64	865186	50.0
(DEL) Alkane: Str...	1.63	3.2	ug/L	55843	1	5.64	865186	50.0
(DEL) Alkane: Str...	2.59	4.8	ug/L	82269	1	5.64	865186	50.0