LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016889.D
Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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	48906	44574	3.51%	0.352%
2	1.312	61	69	79	rBV	321165	341037	26.86%	2.692%
3	1.364	81	85	97	rVB	34045	34643	2.73%	0.273%
4	1.425	99	104	111	rVB	25031	24316	1.91%	0.192%
5	1.560	141	146	159	rVB	124267	147094	11.58%	1.161%
6	1.627	161	167	181	rVB	48169	63022	4.96%	0.497%
7	1.807	218	223	236	rVB	37579	50381	3.97%	0.398%
8	1.904	248	253	266	rVB	30910	40805	3.21%	0.322%
9	2.116	308	319	334	rBV	267790	400215	31.52%	3.159%
10	2.373	397	399	401	rBV2	1332	672	0.05%	0.005%
11	2.724	503	508	510	rBV5	1637	1393	0.11%	0.011%
12	2.965	577	583	584	rBV6	2507	2647	0.21%	0.021%
13	3.045	605	608	609	rBV3	2215	1096	0.09%	0.009%
14	3.155	638	642	644	rBV4	1293	928	0.07%	0.007%
15	3.659	796	799	801	rBV4	1439	1018	0.08%	0.008%
16	3.721	816	818	821	rBV3	1548	816	0.06%	0.006%
17	3.897	861	873	895	rBV	112329	306207	24.11%	2.417%
18	4.373	1003	1021	1044	rBV2	228185	562744	44.32%	4.442%
19	4.585	1084	1087	1091	rBV5	1611	1453	0.11%	0.011%
20	5.071	1218	1238	1243	rBV2	553430	1269788	100.00%	10.024%
21	5.640	1402	1415	1435	rBV	440084	879210	69.24%	6.940%
22	5.756	1449	1451	1453	rBV3	1593	886	0.07%	0.007%
23	5.820	1469	1471	1476	rVB5	2154	1310	0.10%	0.010%
24	5.929	1496	1505	1517	rVB3	18775	36107	2.84%	0.285%
25	6.093	1542	1556	1573	rBV	309543	628716	49.51%	4.963%
26	6.360	1636	1639	1642	rBV5	2572	1566	0.12%	0.012%
27	6.794	1770	1774	1776	rBV3	2518	1528	0.12%	0.012%
28	6.868	1795	1797	1801	rBV5	1479	1109	0.09%	0.009%
29	6.891	1802	1804	1810	rVB7	2330	2204	0.17%	0.017%
30	6.929	1810	1816	1818	rBV6	1716	1367	0.11%	0.011%
31	7.007	1825	1840	1857	rBV	182365	328214	25.85%	2.591%
32	7.338	1931	1943	1956	rBV	627711	1080279	85.08%	8.528%
33	7.409	1957	1965	1988	rVB	253775	435082	34.26%	3.435%
34	7.640	2027	2037	2052	rBV	130866	223746	17.62%	1.766%

LSC Area Percent Report

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Data File : VV016889.D
Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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	8.039	2154	2161	2166	rBV10	1825	2378	0.19%	0.019%
36	8.109	2170	2183	2217	rBV	329731	655898	51.65%	5.178%
37	8.482	2297	2299	2303	rVV5	1775	1172	0.09%	0.009%
38	8.527	2311	2313	2316	rBV4	1264	942	0.07%	0.007%
39	8.627	2341	2344	2348	rBV6	1148	769	0.06%	0.006%
40	8.749	2379	2382	2386	rVB5	1753	1673	0.13%	0.013%
41	8.769	2386	2388	2391	rBV4	1514	993	0.08%	0.008%
42	8.810	2397	2401	2403	rBV4	1486	999	0.08%	0.008%
43	8.875	2407	2421	2432	rBV	670019	1085963	85.52%	8.573%
44	9.032	2459	2470	2487	rBV	408311	638764	50.30%	5.042%
45	9.164	2504	2511	2524	rVB2	73498	123002	9.69%	0.971%
46	9.566	2627	2636	2649	rVB	142059	222204	17.50%	1.754%
47	9.711	2676	2681	2684	rBV6	2598	2679	0.21%	0.021%
48	9.884	2727	2735	2746	rVB6	8121	15372	1.21%	0.121%
49	9.955	2746	2757	2764	rBV4	10169	16919	1.33%	0.134%
50	10.039	2781	2783	2787	rVB6	1468	779	0.06%	0.006%
51	10.074	2792	2794	2796	rBV3	1272	703	0.06%	0.006%
52	10.238	2829	2845	2860	rBV	405279	647725	51.01%	5.113%
53	10.566	2941	2947	2955	rVB	4744	7583	0.60%	0.060%
54	10.762	2999	3008	3016	rBV2	16863	28642	2.26%	0.226%
55	10.939	3052	3063	3073	rBV2	21554	38736	3.05%	0.306%
56	11.113	3115	3117	3120	rBV4	2160	1582	0.12%	0.012%
57	11.270	3155	3166	3184	rBV	696113	1059861	83.47%	8.366%
58	11.553	3246	3254	3265	rBV3	11862	17916	1.41%	0.141%
59	11.646	3272	3283	3300	rBV	701138	1079248	84.99%	8.520%
60	11.839	3341	3343	3344	rBV2	2218	820	0.06%	0.006%
61	12.000	3390	3393	3397	rBV5	1773	1426	0.11%	0.011%
62	12.103	3423	3425	3428	rBV4	1369	694	0.05%	0.005%
63	12.135	3430	3435	3441	rBV8	3135	3645	0.29%	0.029%
64	12.248	3467	3470	3473	rBV5	1655	1337	0.11%	0.011%
65	12.264	3473	3475	3477	rVV2	1362	854	0.07%	0.007%
66	12.299	3481	3486	3491	rBV7	2027	2712	0.21%	0.021%
67	12.463	3532	3537	3539	rBV3	1894	1637	0.13%	0.013%
68	12.527	3555	3557	3560	rVB4	1545	843	0.07%	0.007%
69	12.656	3595	3597	3599	rBV2	1479	697	0.05%	0.006%
70	12.672	3599	3602	3603	rBV3	1125	669	0.05%	0.005%
71	12.720	3613	3617	3619	rBV4	1174	1043	0.08%	0.008%

LSC Area Percent Report

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Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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	12.903	3669	3674	3684	rVB4	5119	7013	0.55%	0.055%
73	12.942	3684	3686	3690	rBV5	1989	1331	0.10%	0.011%
74	13.013	3704	3708	3712	rVB5	2141	1706	0.13%	0.013%
75	13.064	3721	3724	3725	rBV3	2114	1119	0.09%	0.009%
76	13.157	3751	3753	3758	rBV4	2030	1598	0.13%	0.013%
77	13.228	3772	3775	3779	rVB5	2272	1586	0.12%	0.013%
78	13.395	3823	3827	3830	rBV6	1428	1229	0.10%	0.010%
79	13.421	3830	3835	3837	rBV5	1304	1125	0.09%	0.009%
80	13.485	3852	3855	3858	rBV4	1264	1004	0.08%	0.008%
81	13.527	3858	3868	3881	rVV2	22974	39546	3.11%	0.312%
82	13.617	3894	3896	3898	rBV3	1408	850	0.07%	0.007%
83	13.653	3898	3907	3912	rVV8	5354	8989	0.71%	0.071%
84	13.775	3941	3945	3949	rVB7	1742	1536	0.12%	0.012%
85	13.794	3949	3951	3953	rBV3	1627	875	0.07%	0.007%
86	13.810	3953	3956	3960	rVB5	1893	1416	0.11%	0.011%
87	13.833	3960	3963	3965	rBV3	1470	852	0.07%	0.007%
88	13.945	3995	3998	3999	rBV3	1534	864	0.07%	0.007%
89	13.981	4006	4009	4012	rVB3	1530	910	0.07%	0.007%
90	13.997	4012	4014	4016	rBV3	1720	696	0.05%	0.005%
91	14.244	4089	4091	4092	rBV	1237	671	0.05%	0.005%
92	14.360	4122	4127	4128	rBV5	1736	1183	0.09%	0.009%
93	14.399	4137	4139	4143	rVB4	1308	806	0.06%	0.006%
94	14.431	4147	4149	4152	rBV3	1093	820	0.06%	0.006%
95	14.463	4156	4159	4161	rBV4	1200	757	0.06%	0.006%
96	14.550	4181	4186	4187	rBV5	1573	1055	0.08%	0.008%
97	14.640	4211	4214	4215	rBV3	1440	868	0.07%	0.007%
98	14.942	4305	4308	4311	rVB5	1993	1145	0.09%	0.009%
99	15.138	4367	4369	4373	rVB3	1460	690	0.05%	0.005%
100	15.411	4452	4454	4456	rBV3	1648	675	0.05%	0.005%

Sum of corrected areas: 12667967

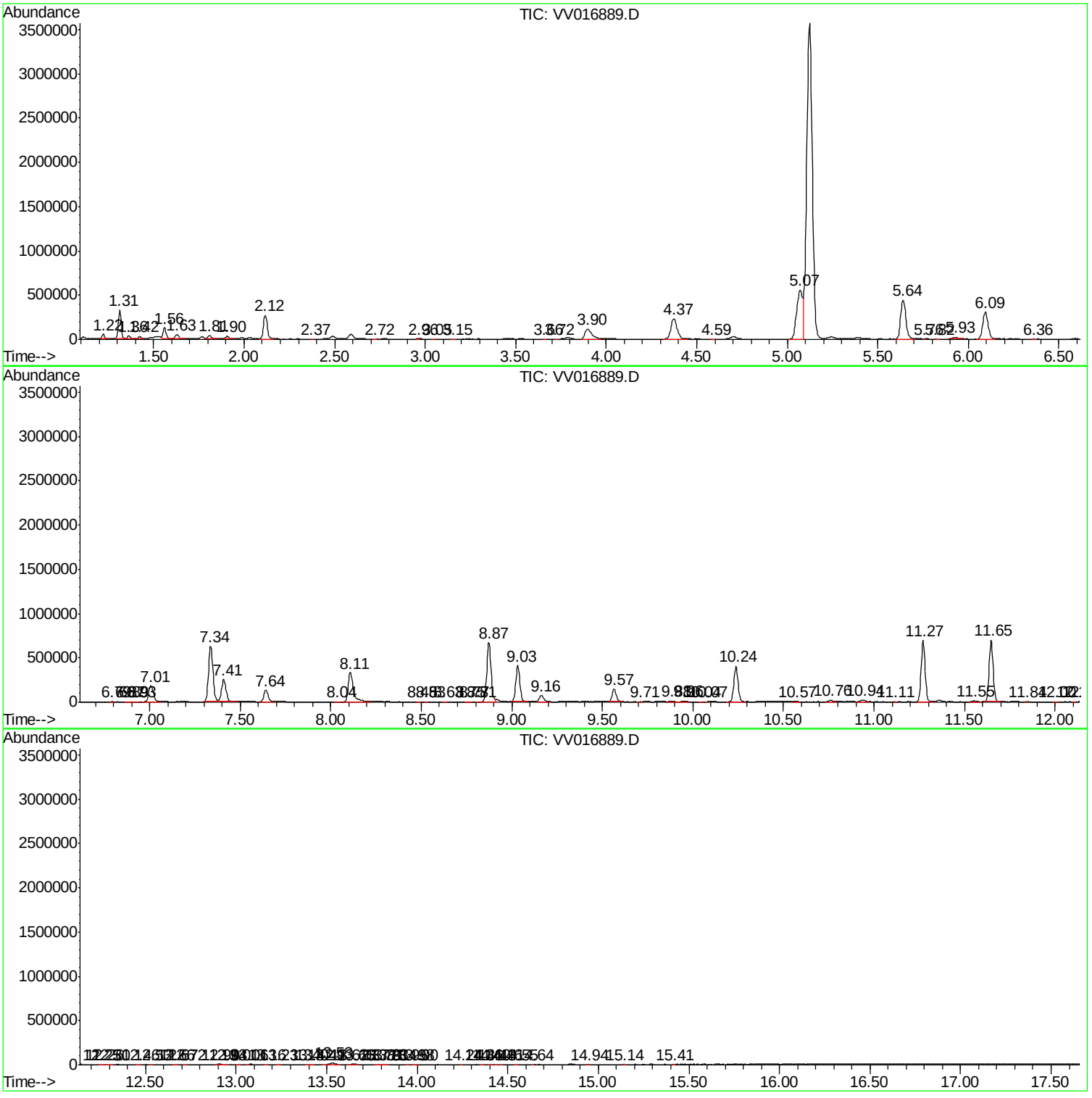
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016889.D
Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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 : VV016889.D
Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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

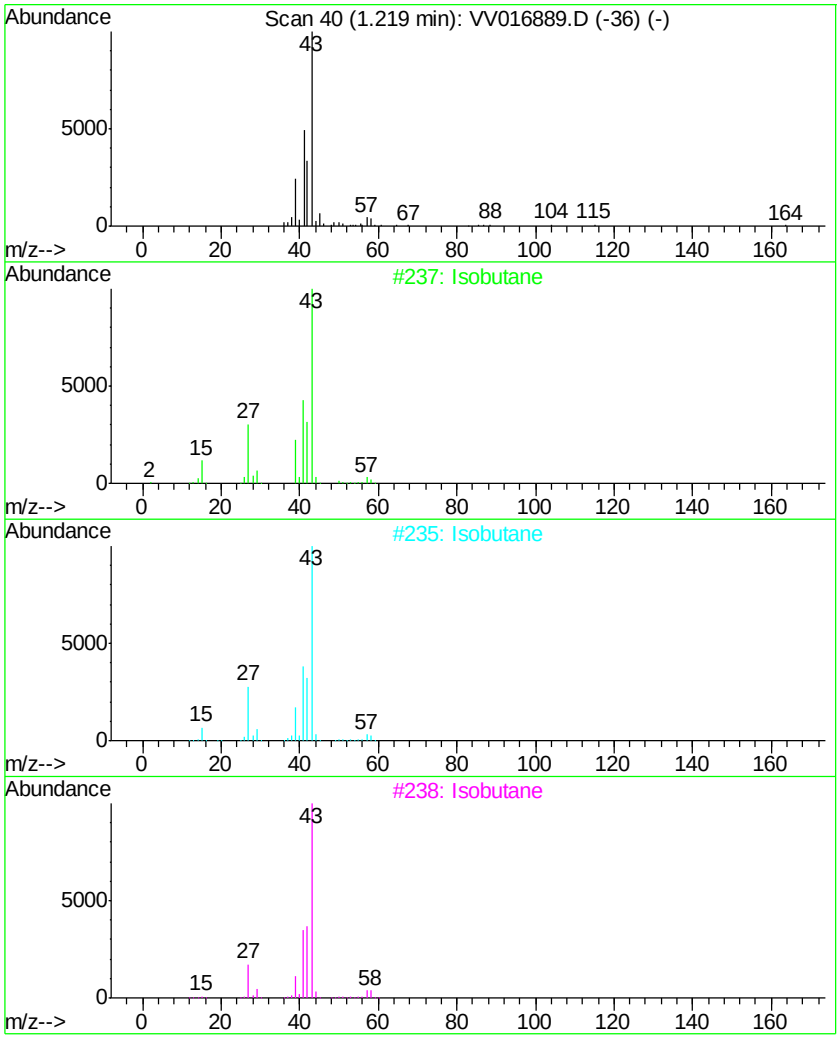
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

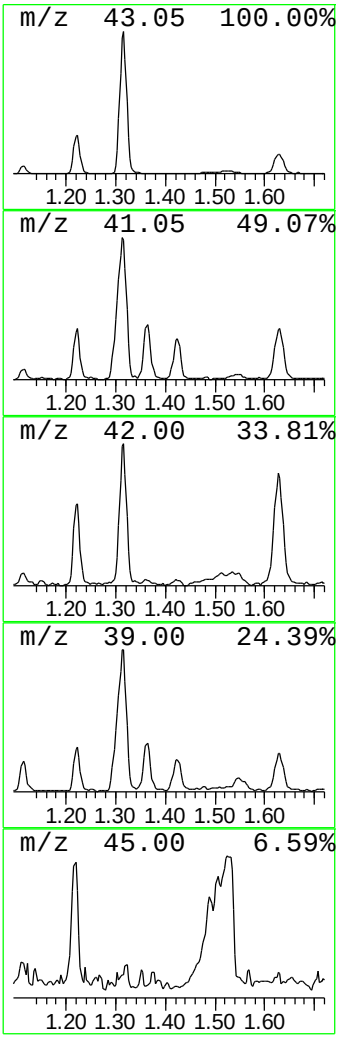
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	2.53 ug/L	44574	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	59
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	42
4	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	38
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016889.D
Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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

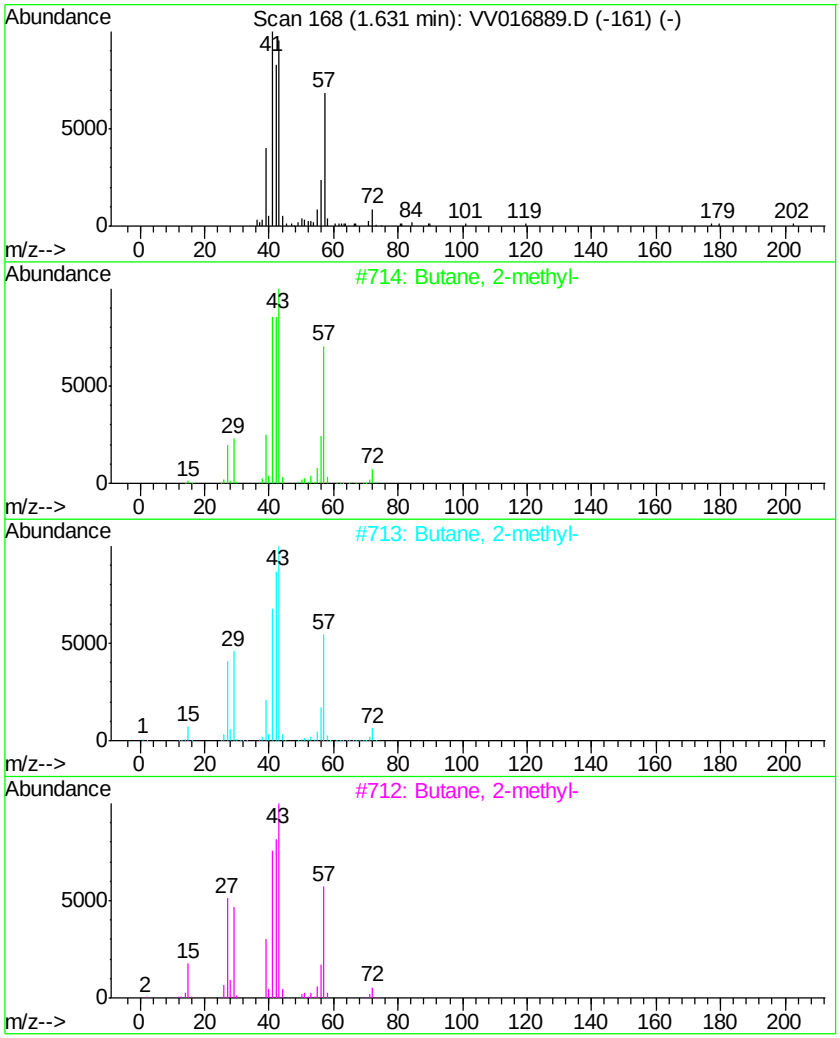
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

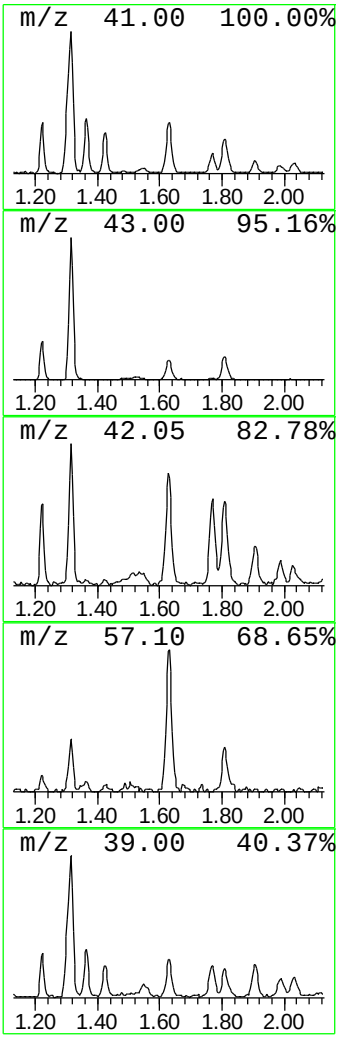
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	3.58 ug/L	63022	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2	Butane, 2-methyl-	72	C5H12	000078-78-4	74
3	Butane, 2-methyl-	72	C5H12	000078-78-4	68
4	3-Buten-1-ol	72	C4H8O	000627-27-0	38
5	Nitroxide, bis(1,1-dimethylethyl)	144	C8H18NO	002406-25-9	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016889.D
Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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

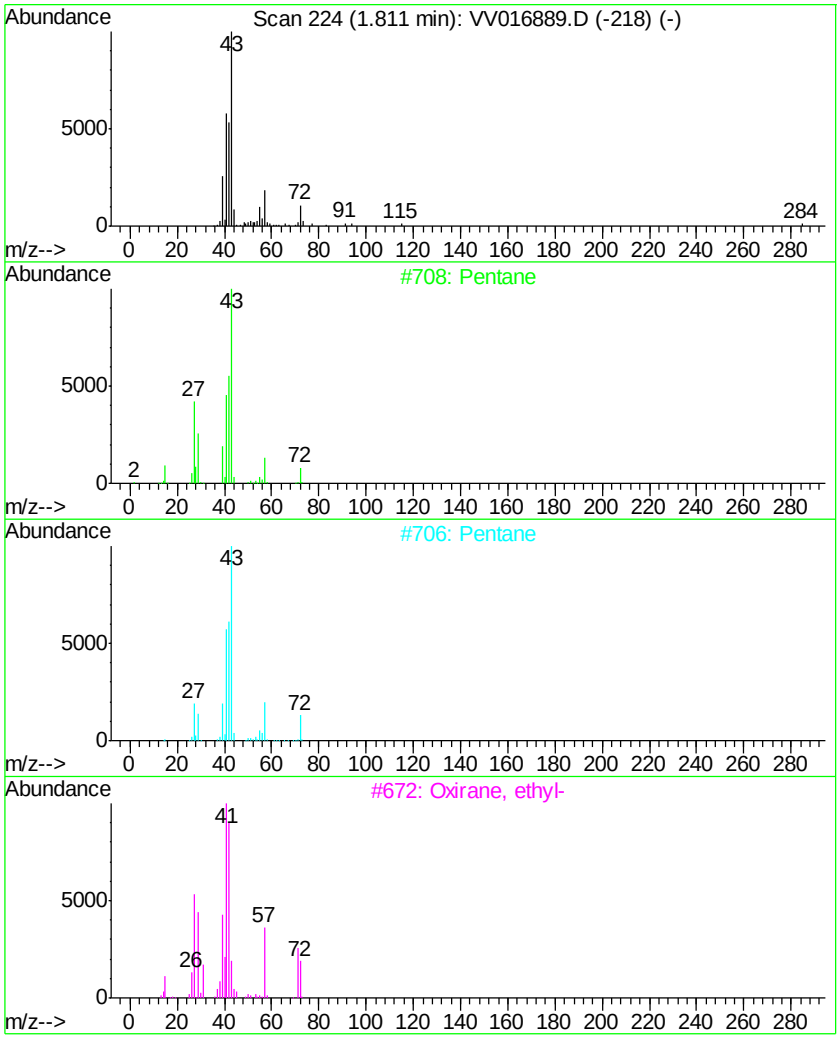
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

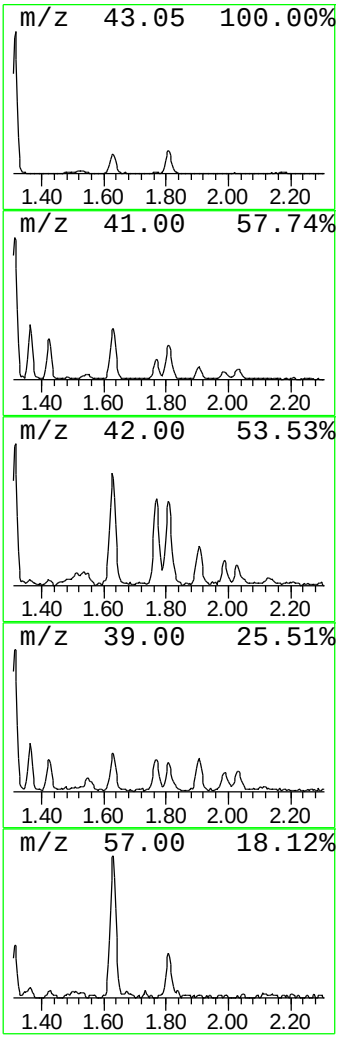
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	2.87 ug/L	50381	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Pentane	72	C5H12	000109-66-0	72
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4	Butane, 2-methyl-	72	C5H12	000078-78-4	38
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016889.D
Acq On : 12 Jun 2020 19:23
Operator : SY/MD
Sample : L2914-01 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D86

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	44574	1	5.64	879210	50.0
(DEL) Alkane: Str...	1.63	3.6	ug/L	63022	1	5.64	879210	50.0
(DEL) Alkane: Str...	1.81	2.9	ug/L	50381	1	5.64	879210	50.0