LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
Data File : VU038797.D
Acq On : 10 Jun 2020 23:42
Operator : SY/MD
Sample : L2915-06 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E10

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_U\METHOD\SOMULM060820WMA.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	1.369	5	9	15	rVB3	7266	6905	0.04%	0.018%
2	1.501	44	50	56	rBV2	23444	24780	0.13%	0.063%
3	1.614	73	85	97	rBV3	370770	485286	2.59%	1.240%
4	1.675	98	104	110	rVB	36860	39638	0.21%	0.101%
5	1.749	120	127	136	rVB	35057	39777	0.21%	0.102%
6	1.929	174	183	200	rVB	213465	281790	1.51%	0.720%
7	2.012	201	209	220	rVB	53733	71536	0.38%	0.183%
8	2.173	251	259	267	rBV	34688	46761	0.25%	0.119%
9	2.228	267	276	292	rVB3	65187	130950	0.70%	0.335%
10	2.340	303	311	321	rVB	32478	45727	0.24%	0.117%
11	2.440	331	342	349	rBV2	21164	32752	0.18%	0.084%
12	2.491	349	358	369	rVB	54333	83176	0.44%	0.212%
13	2.591	377	389	418	rVB	459494	779348	4.17%	1.991%
14	2.990	504	513	514	rBV3	2649	3067	0.02%	0.008%
15	3.044	521	530	545	rVB2	28419	55026	0.29%	0.141%
16	3.112	546	551	557	rBV6	1386	1816	0.01%	0.005%
17	3.170	557	569	578	rBV	32606	64580	0.35%	0.165%
18	3.347	619	624	628	rBV2	948	964	0.01%	0.002%
19	3.392	628	638	651	rVB5	3088	6125	0.03%	0.016%
20	3.507	669	674	679	rBV2	528	599	0.00%	0.002%
21	3.617	695	708	722	rVB7	5020	12778	0.07%	0.033%
22	3.736	736	745	748	rBV5	1870	3019	0.02%	0.008%
23	3.864	780	785	786	rBV3	795	654	0.00%	0.002%
24	4.019	822	833	846	rVB5	4111	9558	0.05%	0.024%
25	4.125	862	866	868	rBV3	1024	717	0.00%	0.002%
26	4.212	884	893	894	rBV4	3164	3910	0.02%	0.010%
27	4.366	933	941	944	rBV3	2092	2442	0.01%	0.006%
28	4.568	990	1004	1018	rBV4	23175	54272	0.29%	0.139%
29	4.665	1019	1034	1069	rBV	242569	628583	3.36%	1.606%
30	4.929	1113	1116	1122	rVB4	670	650	0.00%	0.002%
31	4.990	1132	1135	1143	rVB3	565	699	0.00%	0.002%
32	5.099	1152	1169	1192	rBV	390521	848863	4.54%	2.169%
33	5.215	1194	1205	1218	rVB3	10244	21450	0.11%	0.055%
34	5.321	1232	1238	1244	rBV5	1523	2271	0.01%	0.006%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E10

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_U\METHOD\SOMULM060820WMA.M
Title : VOC Analysis

35	5.420	1255	1269	1286	rBV3	37821	87995	0.47%	0.225%
36	5.761	1349	1375	1378	rBV2	801654	1885704	10.08%	4.817%
37	5.810	1379	1390	1420	rVB	9227311	18704946	100.00%	47.784%
38	6.279	1522	1536	1570	rVB	675879	1296163	6.93%	3.311%
39	6.565	1613	1625	1632	rBV3	11547	28001	0.15%	0.072%
40	6.719	1658	1673	1689	rBV	485624	934048	4.99%	2.386%
41	6.874	1718	1721	1726	rVB4	819	571	0.00%	0.001%
42	7.182	1812	1817	1819	rBV3	973	770	0.00%	0.002%
43	7.199	1819	1822	1823	rBV	1829	955	0.01%	0.002%
44	7.272	1841	1845	1850	rVB3	587	603	0.00%	0.002%
45	7.420	1882	1891	1895	rBV4	1206	1762	0.01%	0.005%
46	7.465	1900	1905	1908	rVV3	695	681	0.00%	0.002%
47	7.588	1930	1943	1961	rBV	264049	462998	2.48%	1.183%
48	7.710	1971	1981	1988	rVB5	2007	3639	0.02%	0.009%
49	7.781	1997	2003	2010	rBV6	2920	4312	0.02%	0.011%
50	7.922	2030	2047	2059	rVV	906867	1623514	8.68%	4.147%
51	7.993	2060	2069	2097	rVV	326101	607684	3.25%	1.552%
52	8.118	2100	2108	2121	rVV3	13570	26873	0.14%	0.069%
53	8.198	2121	2133	2153	rVV	191644	323228	1.73%	0.826%
54	8.295	2153	2163	2175	rVV2	10726	18207	0.10%	0.047%
55	8.652	2260	2274	2316	rBV	733214	1337341	7.15%	3.416%
56	8.813	2316	2324	2334	rVB8	5688	9571	0.05%	0.024%
57	8.932	2352	2361	2374	rVV3	2966	4998	0.03%	0.013%
58	9.269	2460	2466	2471	rBV2	485	590	0.00%	0.002%
59	9.433	2504	2517	2552	rBV	924430	1653411	8.84%	4.224%
60	9.588	2552	2565	2588	rVV	716151	1180964	6.31%	3.017%
61	9.710	2591	2603	2618	rVB	159346	276728	1.48%	0.707%
62	9.845	2634	2645	2650	rBV6	10063	16553	0.09%	0.042%
63	9.960	2673	2681	2692	rVB4	6841	10628	0.06%	0.027%
64	10.028	2692	2702	2706	rBV5	7388	12106	0.06%	0.031%
65	10.115	2719	2729	2744	rVB	173215	279584	1.49%	0.714%
66	10.292	2777	2784	2793	rBV7	2551	3915	0.02%	0.010%
67	10.346	2795	2801	2806	rVV4	1820	2362	0.01%	0.006%
68	10.378	2806	2811	2820	rVB6	3250	4304	0.02%	0.011%
69	10.440	2820	2830	2838	rBV6	3081	5188	0.03%	0.013%
70	10.497	2838	2848	2858	rBV3	10570	16191	0.09%	0.041%
71	10.665	2893	2900	2907	rBV5	3886	5866	0.03%	0.015%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E10

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_U\METHOD\SOMULM060820WMA.M
Title : VOC Analysis

72	10.771	2919	2933	2951	rBV	669471	1081045	5.78%	2.762%
73	10.919	2970	2979	2989	rBV	8994	14292	0.08%	0.037%
74	10.986	2993	3000	3001	rBV3	6447	6476	0.03%	0.017%
75	11.099	3027	3035	3043	rBB5	2614	3721	0.02%	0.010%
76	11.301	3085	3098	3110	rBV	16732	30693	0.16%	0.078%
77	11.414	3124	3133	3139	rBV6	3281	4644	0.02%	0.012%
78	11.478	3143	3153	3164	rVB2	22634	34111	0.18%	0.087%
79	11.533	3164	3170	3173	rBV4	802	816	0.00%	0.002%
80	11.690	3217	3219	3227	rVB5	604	627	0.00%	0.002%
81	11.739	3230	3234	3239	rBV5	686	731	0.00%	0.002%
82	11.822	3247	3260	3276	rBV	988587	1577079	8.43%	4.029%
83	11.906	3277	3286	3298	rVB	21408	31737	0.17%	0.081%
84	12.105	3336	3348	3362	rBV2	13470	21312	0.11%	0.054%
85	12.202	3364	3378	3399	rBV	1008282	1609578	8.61%	4.112%
86	12.324	3408	3416	3421	rVV3	3785	4847	0.03%	0.012%
87	12.504	3469	3472	3477	rVB3	690	609	0.00%	0.002%
88	12.694	3526	3531	3535	rBV3	1551	1630	0.01%	0.004%
89	13.472	3765	3773	3782	rVB7	2706	4189	0.02%	0.011%
90	13.536	3790	3793	3795	rBV3	963	795	0.00%	0.002%
91	13.648	3821	3828	3836	rBV4	3137	3983	0.02%	0.010%
92	14.111	3960	3972	3984	rBV	43233	69840	0.37%	0.178%
93	14.234	4003	4010	4019	rBV2	5048	7245	0.04%	0.019%
94	14.430	4068	4071	4077	rBV2	921	523	0.00%	0.001%
95	14.806	4183	4188	4189	rBV2	761	579	0.00%	0.001%
96	14.890	4211	4214	4217	rBV2	655	514	0.00%	0.001%
97	14.909	4217	4220	4227	rVB5	780	976	0.01%	0.002%
98	15.449	4383	4388	4399	rVB6	4270	7044	0.04%	0.018%
99	15.787	4491	4493	4497	rBV3	1155	937	0.01%	0.002%
100	15.893	4524	4526	4528	rBV3	1035	587	0.00%	0.001%

Sum of corrected areas: 39144583

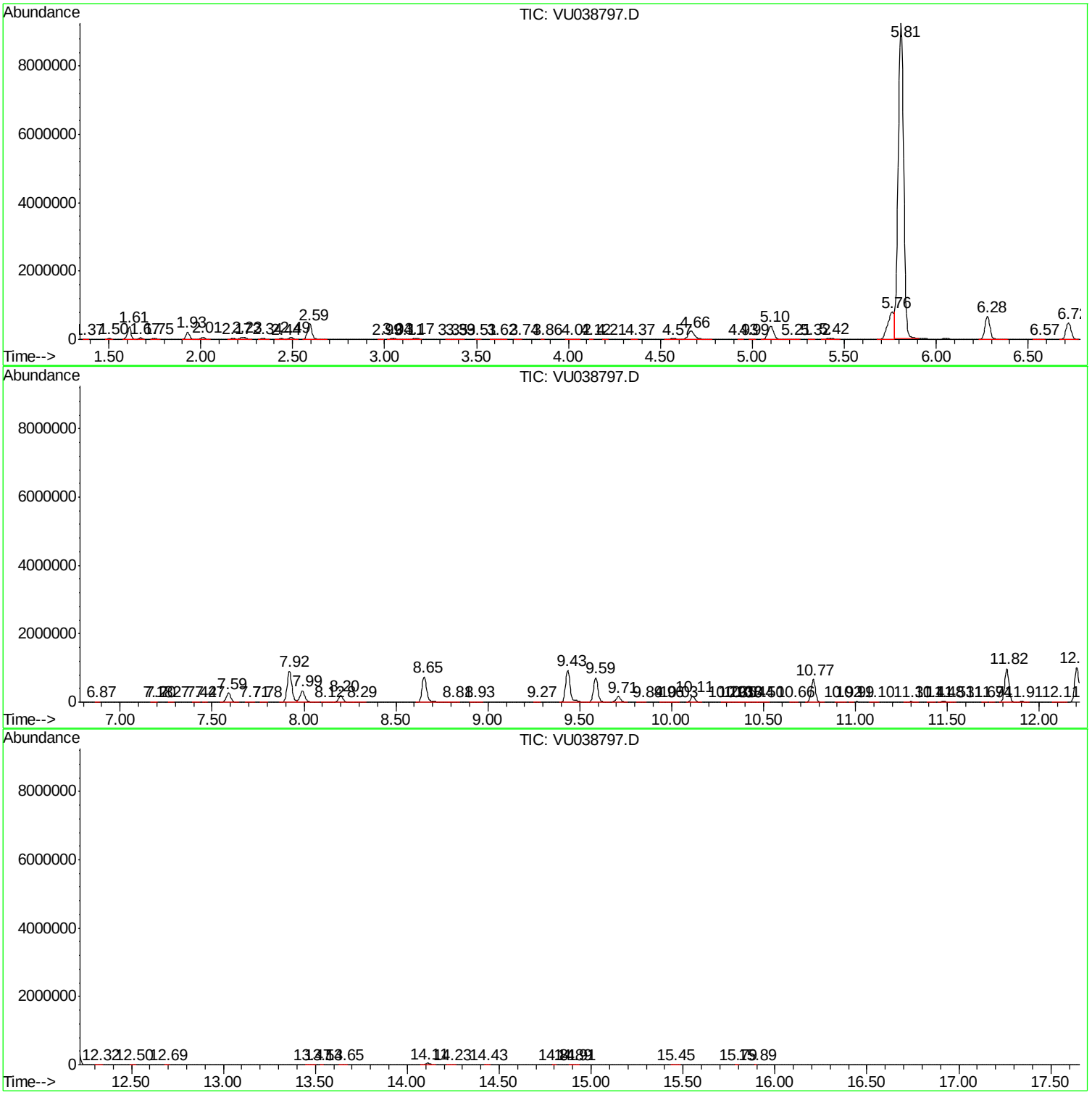
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061120\
Data File : VU038797.D
Acq On : 10 Jun 2020 23:42
Operator : SY/MD
Sample : L2915-06 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

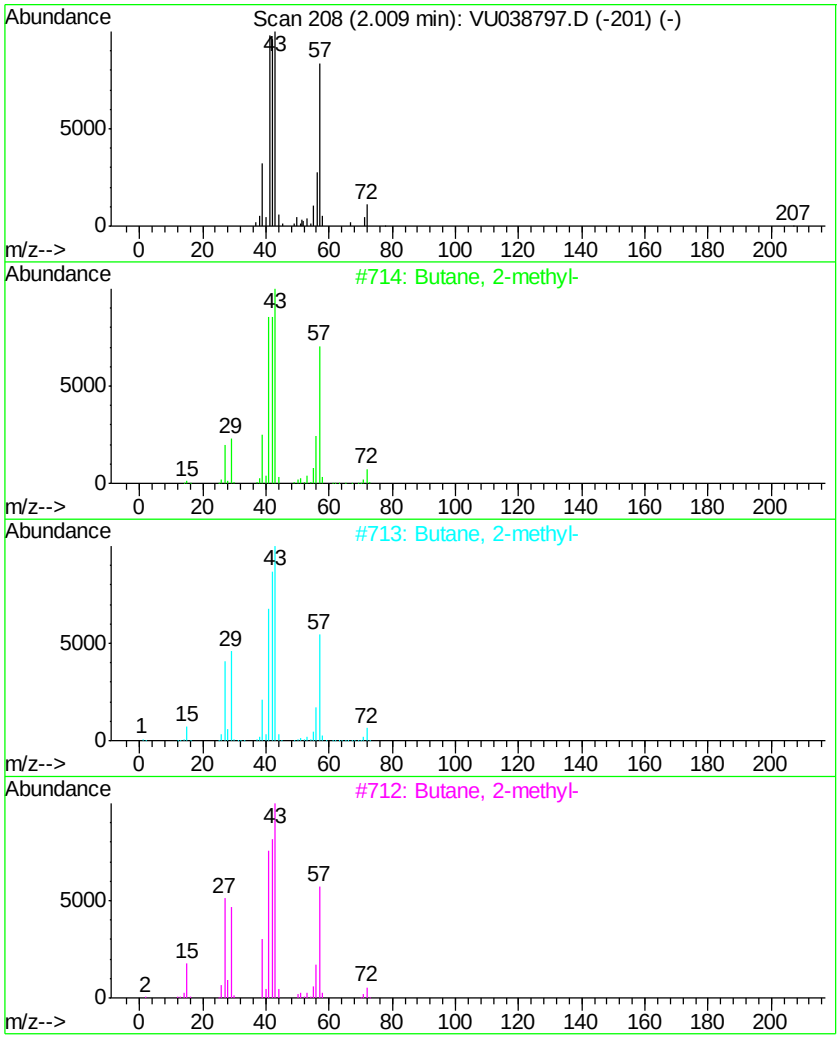
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

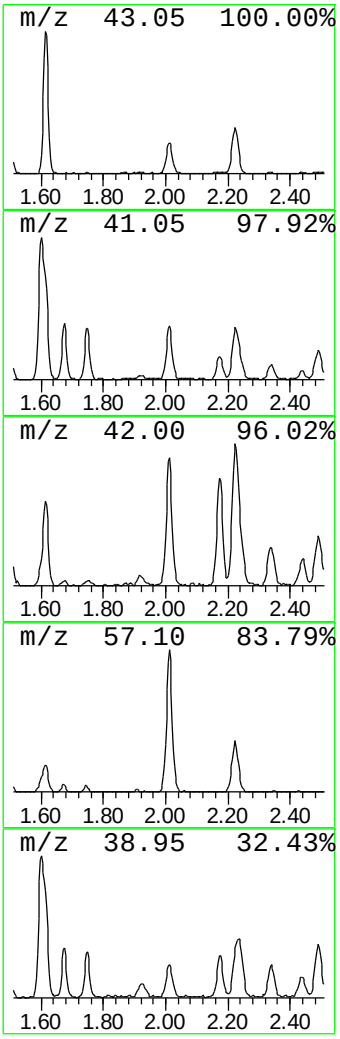
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	2.76 ug/L	71536	1,4-Difluorobenzene	6.28

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	87
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	3-Buten-1-ol	72	C4H8O	000627-27-0	43
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33





Library Search Compound Report

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Data File : VU038797.D
Acq On : 10 Jun 2020 23:42
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Sample : L2915-06 100X
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Instrument : MSVOA_U
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

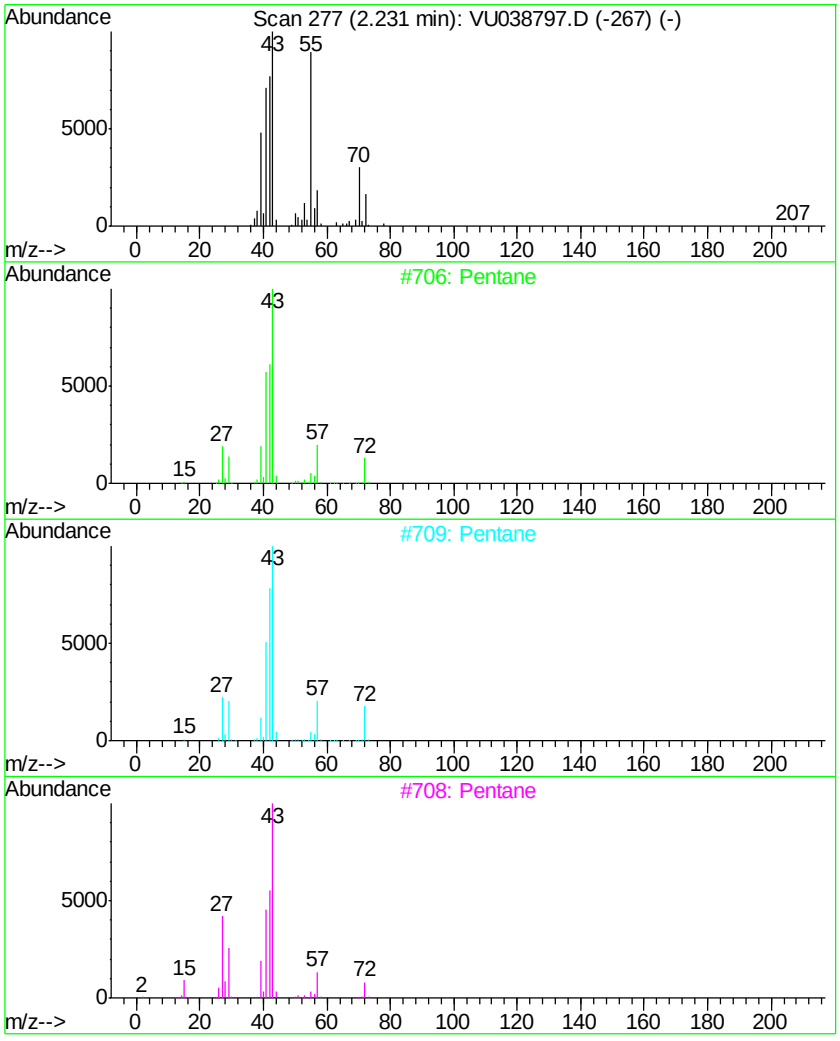
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

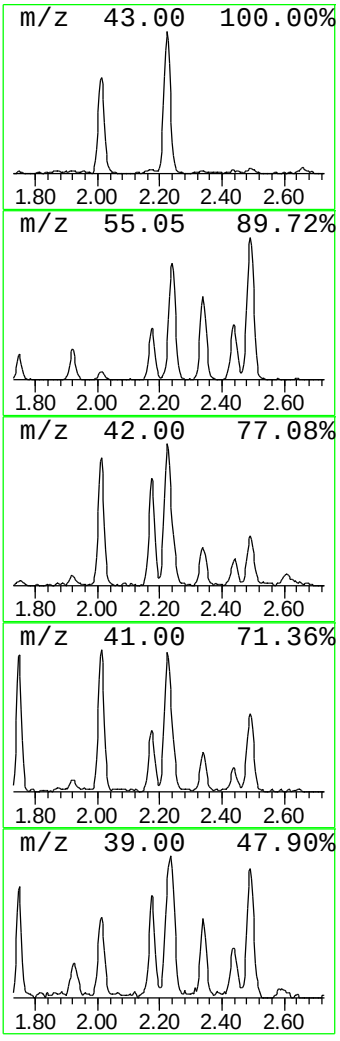
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	5.05 ug/L	130950	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	64
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	58





Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

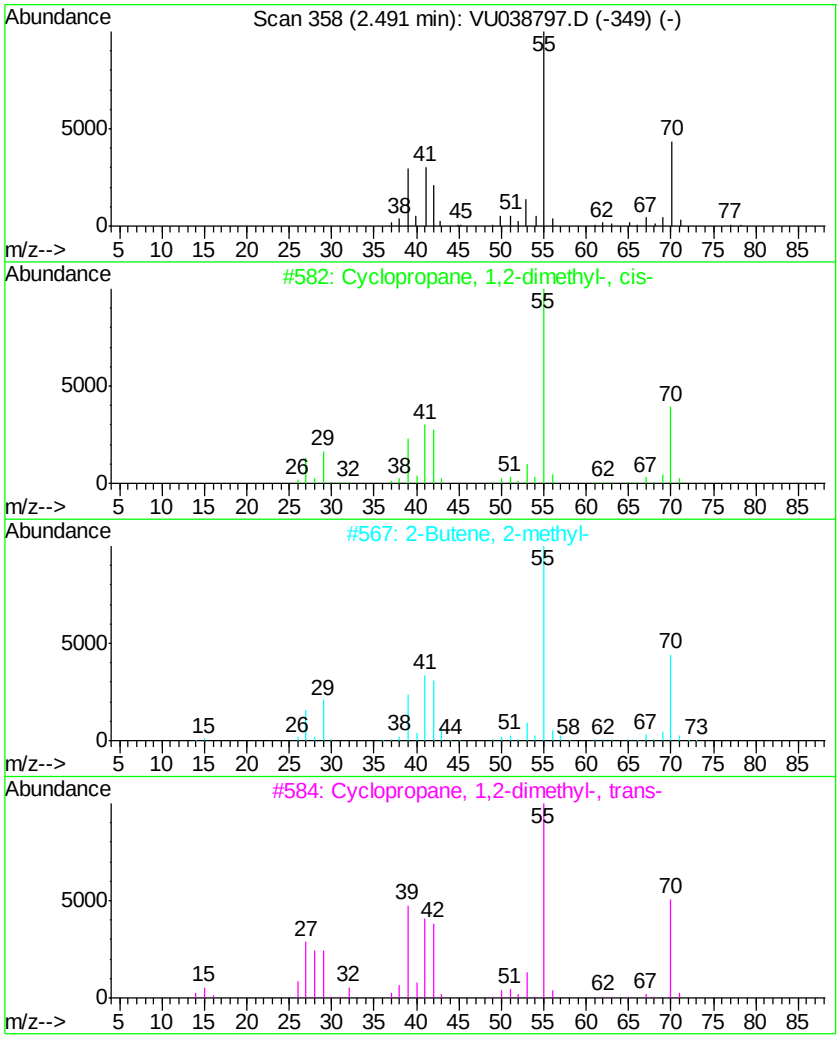
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

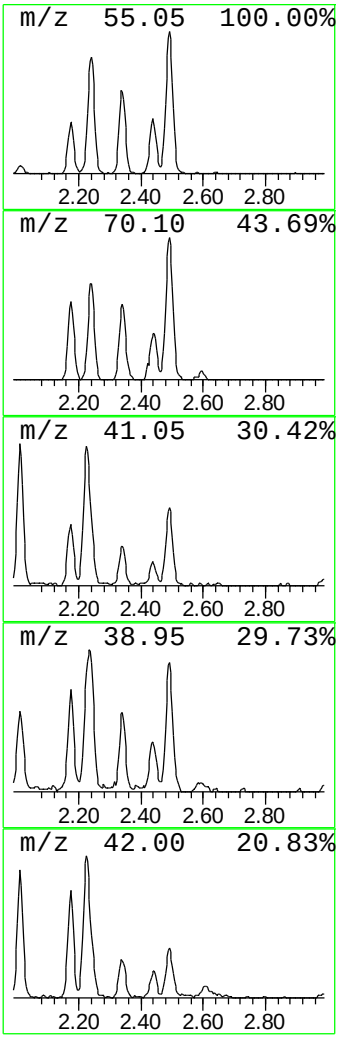
****

Peak Number 3 (DEL) Alkane: Cyclic2.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	3.21 ug/L	83176	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	80
5	2-Pentene, (E)-	70	C5H10	000646-04-8	80





Tentatively Identified Compound (LSC) summary

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Data File : VU038797.D
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Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.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...	2.01	2.8	ug/L	71536	1	6.28	1296160	50.0
(DEL) Alkane: Str...	2.23	5.0	ug/L	130950	1	6.28	1296160	50.0
(DEL) Alkane: Cyc...	2.49	3.2	ug/L	83176	1	6.28	1296160	50.0