LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
Data File : VU055901.D
Acq On : 26 Oct 2023 13:06
Operator : MD/SY
Sample : 04952-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR0

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\SFAMULM101023WMA.M
Title : VOC Analysis

Signal : TIC: VU055901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	15	21	37	rVB	169533	184457	7.59%	0.901%
2	1.489	56	62	75	rBV2	85401	111020	4.57%	0.543%
3	1.599	89	96	115	rBV2	376675	469031	19.29%	2.292%
4	1.895	181	188	202	rVB	210246	295482	12.16%	1.444%
5	2.560	382	395	411	rBV	501597	834689	34.34%	4.079%
6	2.676	426	431	435	rBV6	2124	2319	0.10%	0.011%
7	3.036	533	543	550	rBV6	8123	15793	0.65%	0.077%
8	3.129	568	572	580	rVB6	3392	4522	0.19%	0.022%
9	3.358	628	643	654	rBV4	8668	18861	0.78%	0.092%
10	3.682	738	744	745	rBV5	1958	1679	0.07%	0.008%
11	3.959	812	830	846	rBV5	7004	19406	0.80%	0.095%
12	4.428	965	976	979	rBV5	2234	4096	0.17%	0.020%
13	4.525	991	1006	1013	rBV4	9009	22154	0.91%	0.108%
14	4.615	1025	1034	1065	rVB	174339	433593	17.84%	2.119%
15	5.058	1156	1172	1202	rBV	417078	952282	39.17%	4.654%
16	5.329	1244	1256	1259	rBV5	5942	9564	0.39%	0.047%
17	5.374	1266	1270	1272	rBV4	5767	5043	0.21%	0.025%
18	5.457	1287	1296	1312	rVB7	7765	18656	0.77%	0.091%
19	5.579	1322	1334	1335	rBV3	2171	2196	0.09%	0.011%
20	5.721	1357	1378	1403	rBV2	894868	2430892	100.00%	11.880%
21	5.975	1452	1457	1472	rVB2	3546	8465	0.35%	0.041%
22	6.129	1499	1505	1506	rBV4	1344	1202	0.05%	0.006%
23	6.245	1528	1541	1566	rBV	663625	1297323	53.37%	6.340%
24	6.505	1611	1622	1630	rBV3	8002	16808	0.69%	0.082%
25	6.685	1663	1678	1697	rBV	539521	1080629	44.45%	5.281%
26	6.981	1765	1770	1772	rVV5	1350	1250	0.05%	0.006%
27	7.187	1815	1834	1846	rVV9	8926	27382	1.13%	0.134%
28	7.245	1846	1852	1865	rVB10	7187	15264	0.63%	0.075%
29	7.380	1879	1894	1904	rBV10	10727	22520	0.93%	0.110%
30	7.505	1929	1933	1937	rVV6	1136	1126	0.05%	0.006%
31	7.563	1938	1951	1977	rVV	300177	542728	22.33%	2.652%
32	7.698	1987	1993	1999	rBV6	1930	3069	0.13%	0.015%
33	7.756	2005	2011	2021	rVB8	5279	8736	0.36%	0.043%
34	7.894	2033	2054	2092	rBV	1123705	1992333	81.96%	9.736%
35	8.036	2092	2098	2104	rVB6	2300	3184	0.13%	0.016%
36	8.177	2129	2142	2158	rBV	208128	361862	14.89%	1.768%

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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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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Title : VOC Analysis

37	8.406	2206	2213	2224	rVB3	9518	15336	0.63%	0.075%
38	8.486	2227	2238	2252	rBV3	30187	59015	2.43%	0.288%
39	8.631	2272	2283	2313	rBV	652618	1281195	52.70%	6.261%
40	8.923	2369	2374	2378	rBV6	1385	1670	0.07%	0.008%
41	9.045	2410	2412	2414	rVV2	1711	1133	0.05%	0.006%
42	9.078	2414	2422	2431	rVB9	3464	6771	0.28%	0.033%
43	9.209	2461	2463	2468	rBV5	1368	894	0.04%	0.004%
44	9.274	2478	2483	2487	rVB4	1373	1075	0.04%	0.005%
45	9.341	2487	2504	2512	rBV3	10000	21794	0.90%	0.107%
46	9.415	2514	2527	2555	rBV	980256	1871366	76.98%	9.145%
47	9.563	2569	2573	2575	rBV5	2181	1657	0.07%	0.008%
48	9.695	2602	2614	2627	rVB	28824	54838	2.26%	0.268%
49	9.766	2627	2636	2646	rVB	3467	6346	0.26%	0.031%
50	9.827	2649	2655	2662	rVB8	2718	4117	0.17%	0.020%
51	9.878	2663	2671	2675	rBV7	2327	3301	0.14%	0.016%
52	10.016	2705	2714	2715	rBV7	4203	4267	0.18%	0.021%
53	10.100	2734	2740	2743	rBV	7484	8486	0.35%	0.041%
54	10.229	2775	2780	2782	rBV4	1452	1381	0.06%	0.007%
55	10.354	2814	2819	2826	rBV9	3978	6126	0.25%	0.030%
56	10.486	2850	2860	2867	rBV5	8095	13426	0.55%	0.066%
57	10.547	2875	2879	2884	rBV5	1463	1841	0.08%	0.009%
58	10.637	2904	2907	2910	rVV4	1263	900	0.04%	0.004%
59	10.695	2918	2925	2930	rBV7	3151	3907	0.16%	0.019%
60	10.753	2930	2943	2973	rVB	814452	1356856	55.82%	6.631%
61	10.904	2983	2990	3001	rVB2	9923	16210	0.67%	0.079%
62	10.997	3009	3019	3036	rBV3	21010	43967	1.81%	0.215%
63	11.090	3042	3048	3064	rVB4	11689	20984	0.86%	0.103%
64	11.177	3071	3075	3084	rBV8	1797	2043	0.08%	0.010%
65	11.293	3102	3111	3128	rVB2	14235	28763	1.18%	0.141%
66	11.415	3140	3149	3156	rBV6	6340	9659	0.40%	0.047%
67	11.467	3156	3165	3178	rVB2	32214	50979	2.10%	0.249%
68	11.534	3183	3186	3195	rVB6	2738	2545	0.10%	0.012%
69	11.608	3199	3209	3214	rBV3	9345	15547	0.64%	0.076%
70	11.746	3245	3252	3259	rVB4	7587	10701	0.44%	0.052%
71	11.807	3259	3271	3292	rBV	1092400	1800795	74.08%	8.800%
72	12.094	3349	3360	3368	rBV5	20262	36497	1.50%	0.178%
73	12.190	3377	3390	3415	rBV	1178204	1992401	81.96%	9.737%
74	12.303	3416	3425	3433	rVB6	9993	16276	0.67%	0.080%
75	12.376	3442	3448	3458	rVB6	5467	9453	0.39%	0.046%
76	12.466	3467	3476	3481	rBV5	6587	10721	0.44%	0.052%

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Integrator: RTE
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Title : VOC Analysis

77	12.569	3500	3508	3517	rVB3	15131	21976	0.90%	0.107%
78	12.679	3535	3542	3548	rBV4	12110	20539	0.84%	0.100%
79	12.756	3563	3566	3572	rVB5	3021	3196	0.13%	0.016%
80	12.804	3579	3581	3584	rBV3	1555	996	0.04%	0.005%
81	12.859	3593	3598	3612	rVB4	11498	19217	0.79%	0.094%
82	13.026	3645	3650	3661	rVB3	8826	15533	0.64%	0.076%
83	13.110	3666	3676	3683	rBV10	6022	10282	0.42%	0.050%
84	13.251	3712	3720	3726	rBV4	10251	13975	0.57%	0.068%
85	13.293	3728	3733	3740	rVB5	9253	12204	0.50%	0.060%
86	13.402	3762	3767	3768	rBV3	2491	2160	0.09%	0.011%
87	13.450	3774	3782	3795	rVB3	27885	46892	1.93%	0.229%
88	13.624	3830	3836	3851	rVB10	7494	14832	0.61%	0.072%
89	13.733	3862	3870	3873	rBV9	3404	4653	0.19%	0.023%
90	13.785	3879	3886	3893	rVB7	6885	10232	0.42%	0.050%
91	13.833	3893	3901	3910	rBV8	10721	21539	0.89%	0.105%
92	14.187	4002	4011	4023	rVB8	18189	31108	1.28%	0.152%
93	14.280	4029	4040	4052	rBV7	28251	51488	2.12%	0.252%
94	14.482	4094	4103	4111	rBV7	7983	14264	0.59%	0.070%
95	14.675	4153	4163	4178	rBV10	12006	27305	1.12%	0.133%
96	14.807	4197	4204	4214	rBV6	6368	9317	0.38%	0.046%
97	14.875	4219	4225	4233	rVB7	10708	16329	0.67%	0.080%
98	15.013	4262	4268	4271	rBV5	7387	9095	0.37%	0.044%
99	15.190	4317	4323	4324	rBV5	3455	3388	0.14%	0.017%
100	15.412	4383	4392	4404	rBV2	38997	67343	2.77%	0.329%

Sum of corrected areas: 20462718

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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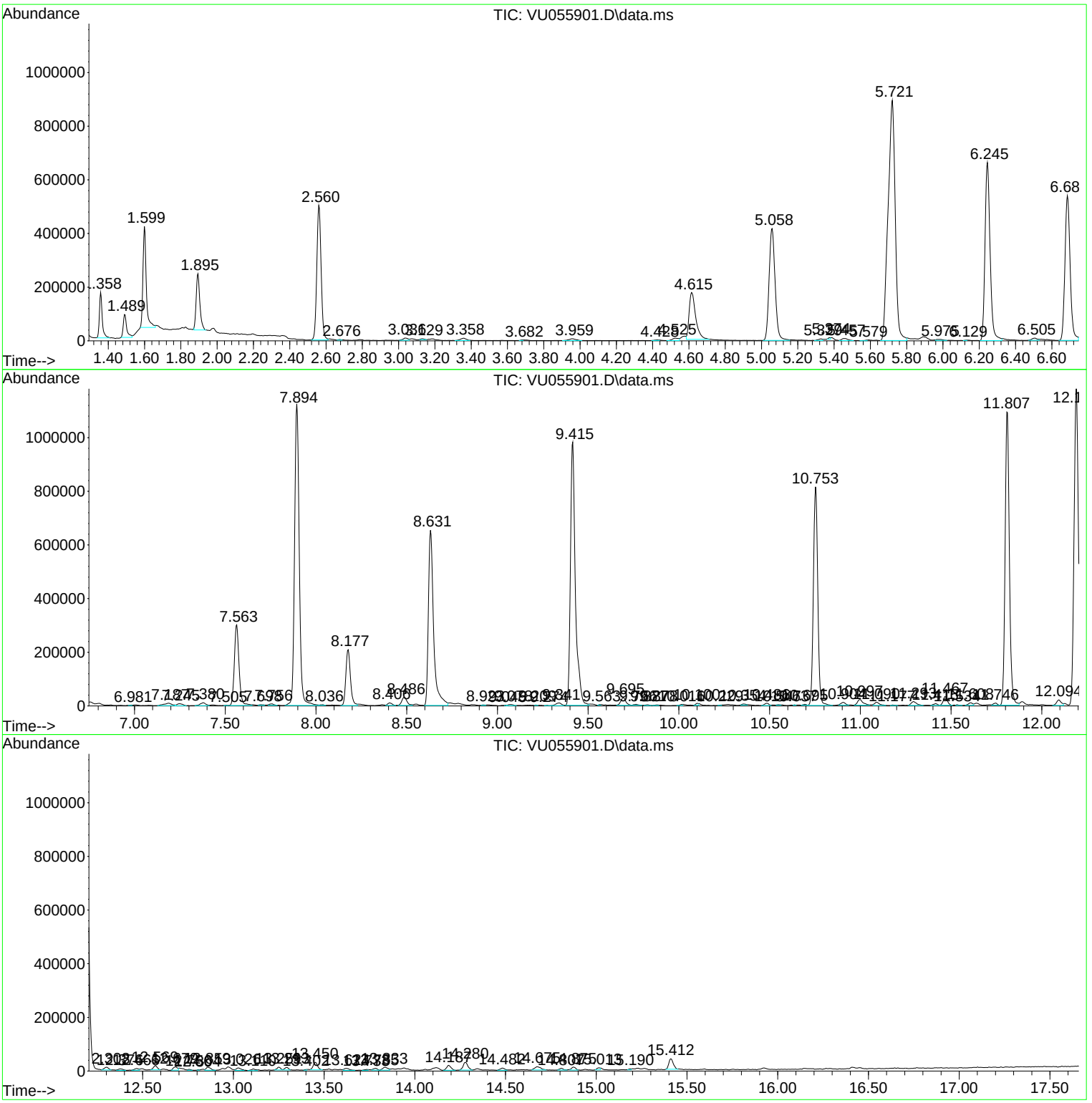
ClientSampleId :
EOAR0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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



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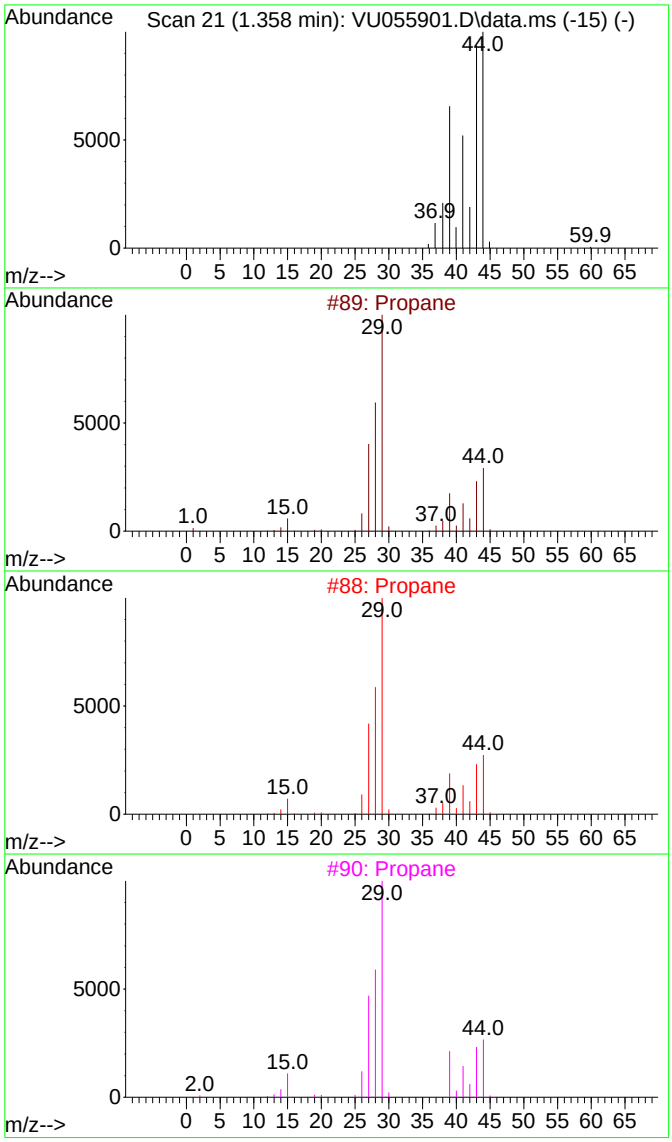
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

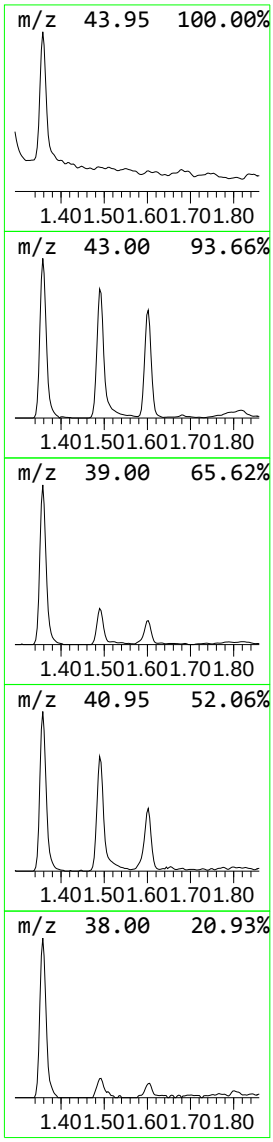
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	7.11 ug/L	184457	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	78
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Acetaldehyde	44	C2H4O	000075-07-0	5





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR0

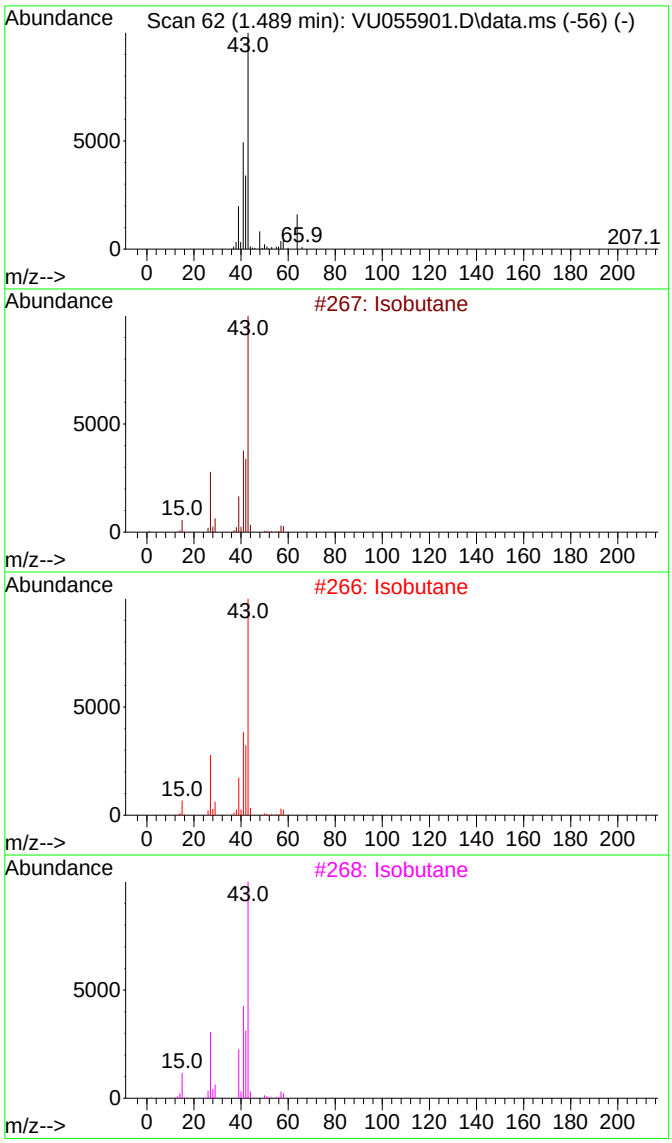
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

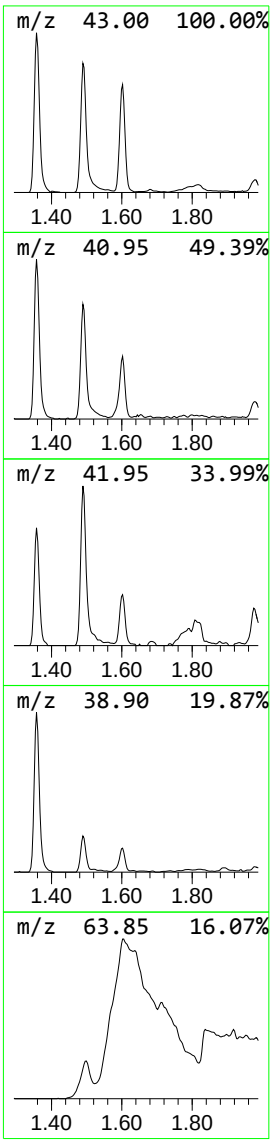
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.489	4.28 ug/L	111020	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	59
2	Isobutane	58	C4H10	000075-28-5	53
3	Isobutane	58	C4H10	000075-28-5	53
4	Isobutane	58	C4H10	000075-28-5	53
5	Isobutane	58	C4H10	000075-28-5	42





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.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...	1.358	7.1	ug/L	184457	1	6.245	1297320	50.0
(DEL) Alkane: S...	1.489	4.3	ug/L	111020	1	6.245	1297320	50.0