

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031147.D
 Acq On : 12 Apr 2019 22:26
 Operator : JC/SP
 Sample : K2339-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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	1.180	21	28	44	rVB	174600	173198	0.43%	0.293%
2	1.299	60	65	71	rBV	21486	21524	0.05%	0.036%
3	1.392	86	94	106	rBV2	408336	459996	1.13%	0.778%
4	1.675	174	182	195	rVV	238351	302988	0.74%	0.513%
5	1.752	198	206	219	rVB	123702	163654	0.40%	0.277%
6	2.267	355	366	378	rBV3	541901	922285	2.26%	1.560%
7	2.444	412	421	435	rBV	26621	48467	0.12%	0.082%
8	2.608	469	472	475	rBV5	1711	1273	0.00%	0.002%
9	2.785	519	527	533	rBV3	5701	9196	0.02%	0.016%
10	2.939	569	575	576	rBV3	1457	1251	0.00%	0.002%
11	2.987	579	590	606	rVB5	22350	52190	0.13%	0.088%
12	3.064	611	614	618	rBV5	1037	691	0.00%	0.001%
13	3.174	643	648	649	rBV4	1275	1206	0.00%	0.002%
14	3.190	649	653	657	rVV5	1628	1489	0.00%	0.003%
15	3.444	717	732	751	rVB	23342	53676	0.13%	0.091%
16	3.598	775	780	782	rBV4	679	699	0.00%	0.001%
17	3.640	790	793	798	rBV6	1047	1180	0.00%	0.002%
18	3.717	814	817	820	rVB3	873	672	0.00%	0.001%
19	3.765	826	832	834	rBV4	959	887	0.00%	0.002%
20	3.958	887	892	895	rBV3	1108	1236	0.00%	0.002%
21	3.981	895	899	900	rBV3	1480	982	0.00%	0.002%
22	4.219	946	973	1011	rBV2	783638	2444405	6.00%	4.135%
23	4.469	1049	1051	1055	rBV4	1317	644	0.00%	0.001%
24	4.537	1069	1072	1077	rBV6	793	791	0.00%	0.001%
25	4.643	1087	1105	1130	rBV2	327253	798862	1.96%	1.351%
26	4.846	1165	1168	1171	rBV3	1056	888	0.00%	0.002%
27	4.910	1171	1188	1203	rVV3	17583	44203	0.11%	0.075%
28	4.990	1203	1213	1217	rBV10	3978	6275	0.02%	0.011%
29	5.074	1232	1239	1243	rBV7	2199	3665	0.01%	0.006%
30	5.157	1260	1265	1267	rBV4	748	703	0.00%	0.001%
31	5.334	1298	1320	1352	rBV3	686303	2082877	5.11%	3.523%
32	5.698	1428	1433	1437	rVB7	1691	1968	0.00%	0.003%
33	5.736	1441	1445	1449	rBV5	849	900	0.00%	0.002%
34	5.881	1473	1490	1520	rBV	607977	1248228	3.06%	2.111%

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 Title : VOC Analysis

35	6.183	1566	1584	1617	rBV	21445964	40731914	100.00%	68.902%
36	6.325	1619	1628	1646	rVB	453675	942363	2.31%	1.594%
37	6.878	1796	1800	1804	rBV4	873	864	0.00%	0.001%
38	6.997	1833	1837	1841	rBV2	1137	906	0.00%	0.002%
39	7.051	1841	1854	1857	rBV2	3230	6010	0.01%	0.010%
40	7.225	1896	1908	1926	rBV	242908	447201	1.10%	0.756%
41	7.424	1966	1970	1972	rBV4	1050	858	0.00%	0.001%
42	7.437	1972	1974	1978	rVB4	1206	942	0.00%	0.002%
43	7.563	1999	2013	2032	rBV	855443	1538294	3.78%	2.602%
44	7.849	2090	2102	2131	rBV	161613	304384	0.75%	0.515%
45	8.029	2153	2158	2160	rBV5	1021	826	0.00%	0.001%
46	8.064	2167	2169	2173	rBV4	969	820	0.00%	0.001%
47	8.170	2191	2202	2204	rBV7	4475	6544	0.02%	0.011%
48	8.228	2211	2220	2232	rVB7	9079	17504	0.04%	0.030%
49	8.308	2234	2245	2282	rBV	569118	1137481	2.79%	1.924%
50	8.659	2350	2354	2358	rBV5	1130	992	0.00%	0.002%
51	8.791	2392	2395	2400	rBV5	1038	942	0.00%	0.002%
52	8.845	2407	2412	2416	rVB6	1214	1292	0.00%	0.002%
53	8.952	2442	2445	2450	rVB4	1339	1007	0.00%	0.002%
54	8.974	2450	2452	2457	rVB2	1299	1039	0.00%	0.002%
55	9.009	2457	2463	2464	rBV5	837	656	0.00%	0.001%
56	9.029	2464	2469	2471	rBV4	941	675	0.00%	0.001%
57	9.087	2474	2487	2526	rBV	898262	1550064	3.81%	2.622%
58	9.376	2572	2577	2578	rBV5	3539	2637	0.01%	0.004%
59	9.460	2601	2603	2606	rBV3	1221	882	0.00%	0.001%
60	9.505	2615	2617	2624	rVB6	1589	1386	0.00%	0.002%
61	9.537	2624	2627	2632	rBV4	806	732	0.00%	0.001%
62	9.566	2632	2636	2638	rBV2	1046	722	0.00%	0.001%
63	9.607	2646	2649	2652	rBV2	922	853	0.00%	0.001%
64	9.630	2652	2656	2659	rVB4	977	737	0.00%	0.001%
65	9.662	2664	2666	2669	rBV3	931	610	0.00%	0.001%
66	9.778	2698	2702	2704	rBV4	1734	1256	0.00%	0.002%
67	9.823	2714	2716	2723	rVB5	1084	820	0.00%	0.001%
68	9.878	2728	2733	2737	rVB3	867	812	0.00%	0.001%
69	10.267	2851	2854	2860	rVB5	1201	943	0.00%	0.002%
70	10.427	2890	2904	2930	rBV	596150	973286	2.39%	1.646%
71	10.672	2978	2980	2986	rBV5	1100	990	0.00%	0.002%

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 Title : VOC Analysis

72	10.749	2999	3004	3008	rBV3	1497	1277	0.00%	0.002%
73	10.820	3021	3026	3032	rVB3	1261	1461	0.00%	0.002%
74	10.881	3042	3045	3049	rBV2	928	791	0.00%	0.001%
75	11.083	3104	3108	3111	rVB2	1081	822	0.00%	0.001%
76	11.103	3111	3114	3117	rBV4	1031	670	0.00%	0.001%
77	11.479	3220	3231	3257	rBV	780110	1283895	3.15%	2.172%
78	11.662	3285	3288	3291	rBV5	1380	1255	0.00%	0.002%
79	11.858	3334	3349	3371	rBV	755188	1271000	3.12%	2.150%
80	12.344	3497	3500	3504	rBV3	1215	1067	0.00%	0.002%
81	12.630	3586	3589	3591	rBV2	886	645	0.00%	0.001%
82	12.758	3623	3629	3632	rBV6	1388	1284	0.00%	0.002%
83	13.022	3708	3711	3718	rVB5	1397	1513	0.00%	0.003%
84	13.064	3718	3724	3727	rBV3	1776	1742	0.00%	0.003%
85	13.141	3745	3748	3750	rBV	1169	816	0.00%	0.001%
86	13.247	3776	3781	3787	rBV5	728	945	0.00%	0.002%
87	13.524	3863	3867	3870	rBV4	783	725	0.00%	0.001%
88	13.643	3901	3904	3910	rBV6	985	877	0.00%	0.001%
89	13.855	3968	3970	3975	rBV3	844	714	0.00%	0.001%
90	14.090	4040	4043	4048	rBV4	857	788	0.00%	0.001%
91	14.231	4085	4087	4093	rVB5	1493	1373	0.00%	0.002%
92	14.337	4117	4120	4124	rBV3	1020	871	0.00%	0.001%
93	14.527	4175	4179	4182	rBV3	1221	1230	0.00%	0.002%
94	14.794	4259	4262	4270	rBV6	1175	1590	0.00%	0.003%
95	15.006	4325	4328	4330	rBV4	1209	847	0.00%	0.001%
96	15.115	4359	4362	4365	rBV5	1747	1137	0.00%	0.002%
97	15.247	4401	4403	4405	rBV3	1201	651	0.00%	0.001%
98	15.446	4463	4465	4467	rBV2	1591	925	0.00%	0.002%
99	15.504	4481	4483	4486	rBV2	1003	673	0.00%	0.001%
100	15.652	4527	4529	4532	rBV2	1443	884	0.00%	0.001%

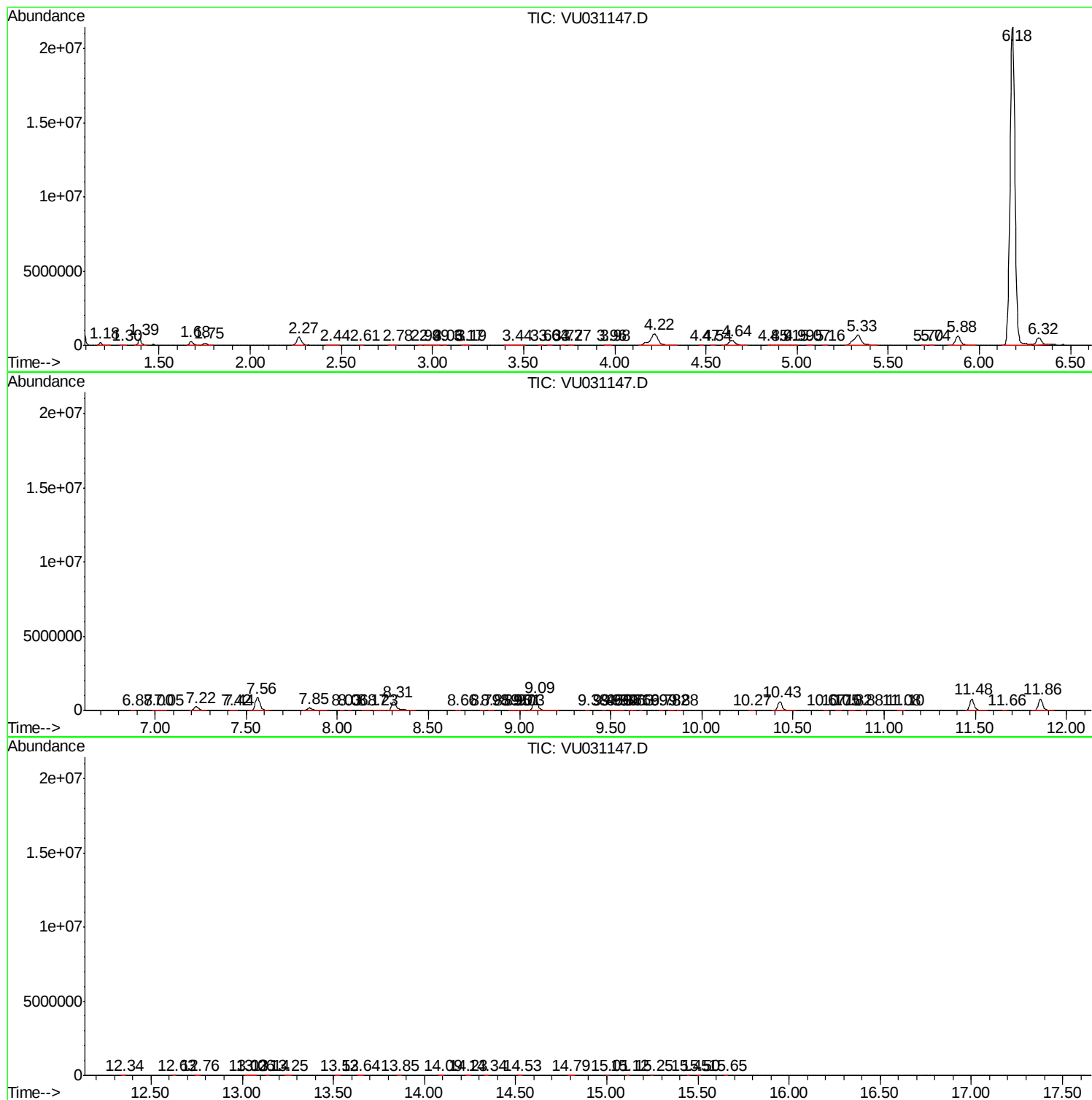
Sum of corrected areas: 59115861

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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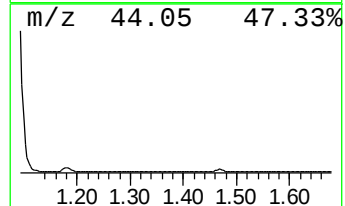
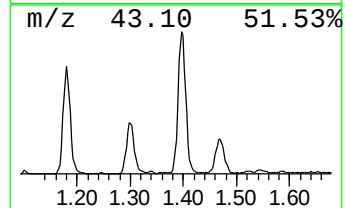
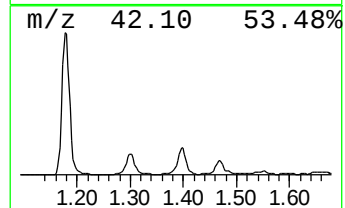
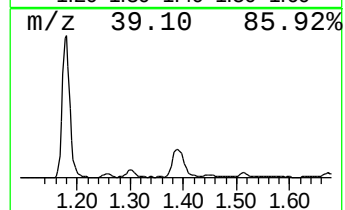
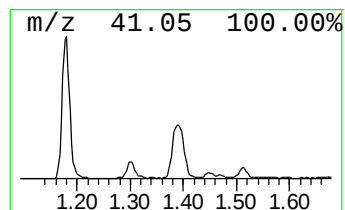
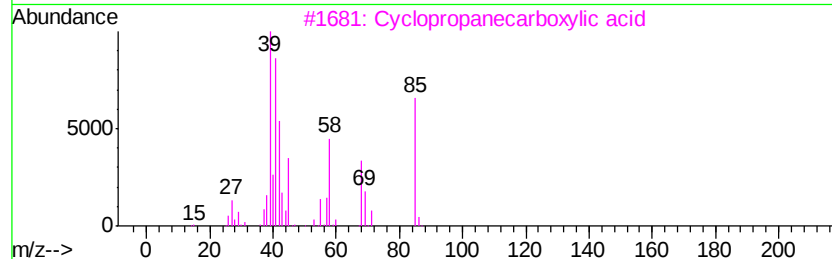
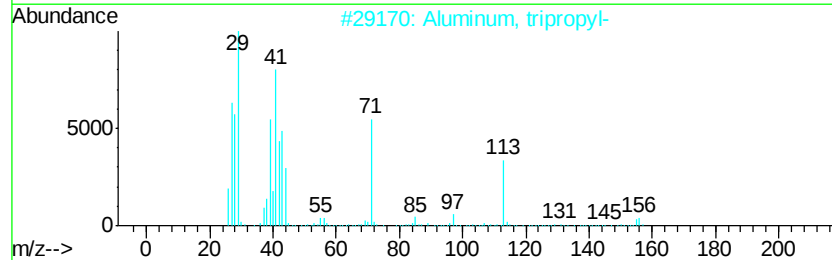
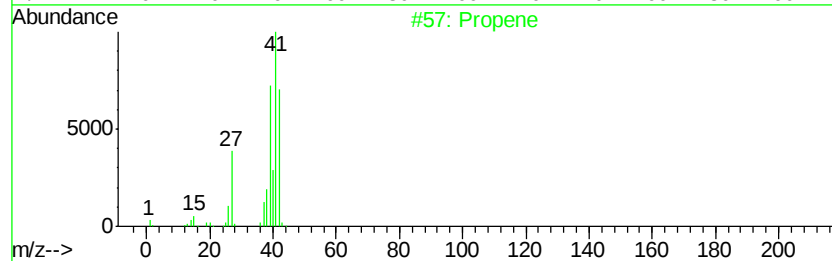
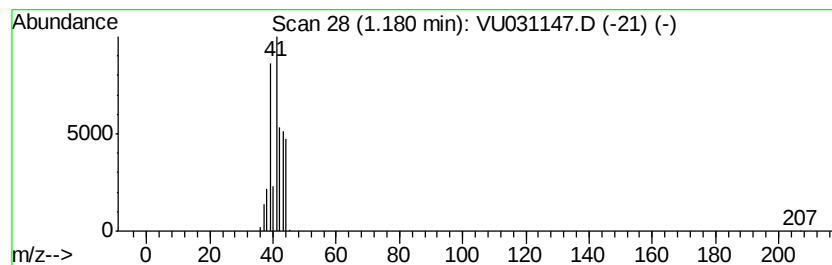
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.18	6.94 ug/L	173198	1,4-Difluorobenzene	5.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	83
3	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	78
4	3-Butenoic acid	86	C4H6O2	000625-38-7	78
5	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	72



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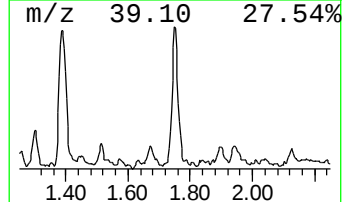
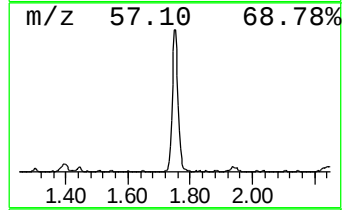
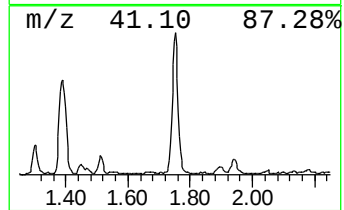
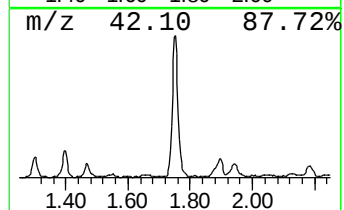
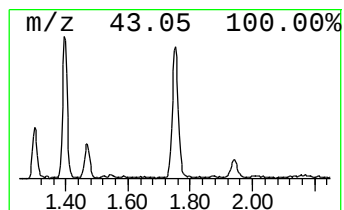
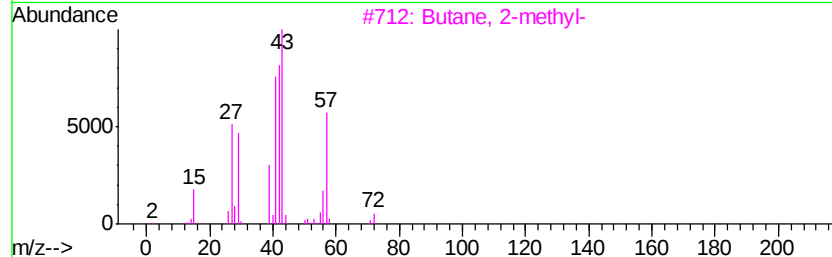
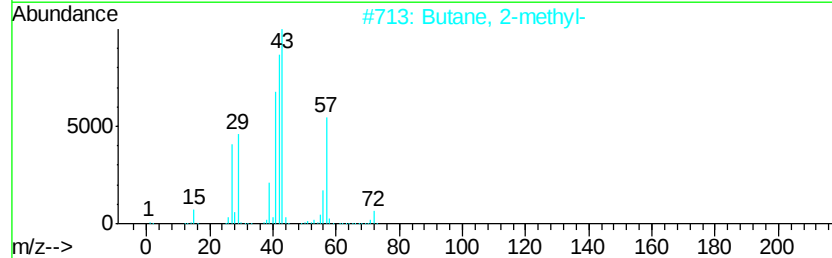
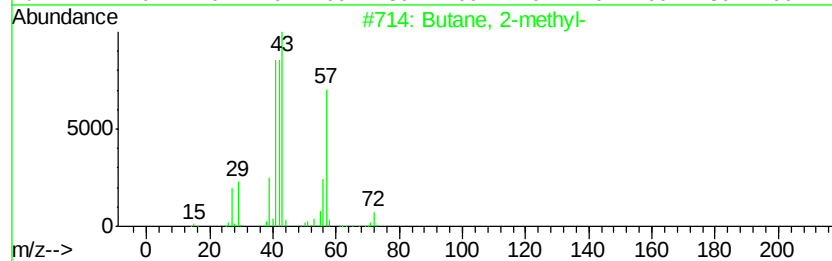
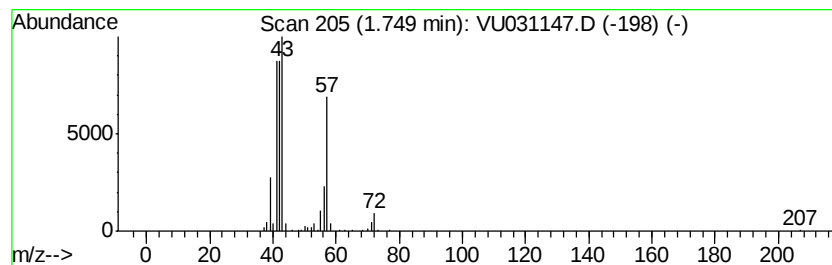
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	6.56 ug/L	163654	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	86
4		3-Buten-1-ol	72	C4H8O	000627-27-0	47
5		Cyclobutane, methyl-	70	C5H10	000598-61-8	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.18	6.9	ug/L	173198	1	5.88	1248230	50.0
(DEL) Alkane: Str...	1.75	6.6	ug/L	163654	1	5.88	1248230	50.0