

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016749.D
 Acq On : 10 Jun 2020 04:43
 Operator : SY/MD
 Sample : L2914-10 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E13

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_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	1.312	62	69	80	rVV2	217868	235225	20.12%	1.916%
2	1.364	80	85	92	rVB	36275	33748	2.89%	0.275%
3	1.421	98	103	110	rBV	29255	25455	2.18%	0.207%
4	1.556	139	145	159	rVB	110749	140184	11.99%	1.142%
5	1.627	161	167	176	rVB	36568	45545	3.90%	0.371%
6	1.765	204	210	217	rBV	26775	33890	2.90%	0.276%
7	1.904	247	253	265	rVB	44059	59058	5.05%	0.481%
8	2.116	309	319	334	rBV	250938	369394	31.59%	3.009%
9	2.418	411	413	414	rBV2	1893	780	0.07%	0.006%
10	2.878	552	556	560	rBV5	1243	884	0.08%	0.007%
11	2.913	564	567	570	rBV3	1163	800	0.07%	0.007%
12	3.158	638	643	645	rBV5	2241	1673	0.14%	0.014%
13	3.383	710	713	718	rVB5	2265	1546	0.13%	0.013%
14	3.585	773	776	782	rBV8	1102	1347	0.12%	0.011%
15	3.634	789	791	794	rVB4	1083	581	0.05%	0.005%
16	3.682	802	806	809	rBV5	852	658	0.06%	0.005%
17	3.736	820	823	825	rBV3	1684	1315	0.11%	0.011%
18	3.894	862	872	898	rBV	117486	318120	27.21%	2.591%
19	4.254	981	984	986	rVB4	1206	640	0.05%	0.005%
20	4.280	986	992	997	rVB8	1896	2065	0.18%	0.017%
21	4.299	997	998	1003	rBV4	1158	925	0.08%	0.008%
22	4.373	1007	1021	1045	rVB	222160	542468	46.40%	4.419%
23	4.550	1073	1076	1082	rVB8	2431	2359	0.20%	0.019%
24	4.579	1082	1085	1086	rBV3	1908	812	0.07%	0.007%
25	4.926	1188	1193	1196	rBV6	1591	1589	0.14%	0.013%
26	4.965	1201	1205	1208	rVV5	1216	829	0.07%	0.007%
27	5.071	1221	1238	1242	rBV2	543751	1169173	100.00%	9.524%
28	5.640	1402	1415	1439	rBV	426651	849569	72.66%	6.921%
29	6.035	1535	1538	1540	rBV3	1119	630	0.05%	0.005%
30	6.093	1541	1556	1571	rBV	311408	625347	53.49%	5.094%
31	6.328	1626	1629	1630	rBV2	1780	1180	0.10%	0.010%
32	6.723	1750	1752	1755	rBV4	743	457	0.04%	0.004%
33	6.772	1762	1767	1770	rBV6	2116	2020	0.17%	0.016%
34	6.788	1770	1772	1774	rVB3	1270	454	0.04%	0.004%

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

35	6.817	1774	1781	1782	rBV6	2844	2556	0.22%	0.021%
36	7.006	1827	1840	1860	rBV	166875	299908	25.65%	2.443%
37	7.338	1930	1943	1955	rBV	617830	1063480	90.96%	8.663%
38	7.408	1956	1965	1982	rVB	503691	853193	72.97%	6.950%
39	7.640	2029	2037	2052	rBV	116458	188366	16.11%	1.534%
40	7.997	2146	2148	2150	rBV2	1296	718	0.06%	0.006%
41	8.106	2172	2182	2211	rBV	387279	729704	62.41%	5.944%
42	8.582	2327	2330	2332	rVB3	1634	869	0.07%	0.007%
43	8.633	2344	2346	2348	rBV3	903	507	0.04%	0.004%
44	8.665	2353	2356	2357	rBV2	1086	653	0.06%	0.005%
45	8.710	2367	2370	2371	rBV3	1283	707	0.06%	0.006%
46	8.778	2389	2391	2393	rBV2	989	496	0.04%	0.004%
47	8.874	2405	2421	2447	rBV	642216	1084473	92.76%	8.834%
48	9.032	2460	2470	2487	rBV	325399	508352	43.48%	4.141%
49	9.283	2539	2548	2554	rBV	7430	14332	1.23%	0.117%
50	9.411	2578	2588	2598	rBV	8465	15277	1.31%	0.124%
51	9.566	2628	2636	2657	rVB	46075	79540	6.80%	0.648%
52	9.723	2682	2685	2687	rBV3	2757	1834	0.16%	0.015%
53	9.955	2751	2757	2769	rVB4	8216	12265	1.05%	0.100%
54	10.106	2794	2804	2812	rBV4	6610	10348	0.89%	0.084%
55	10.238	2832	2845	2860	rBV	430926	678070	58.00%	5.524%
56	10.611	2959	2961	2962	rBV2	1564	601	0.05%	0.005%
57	10.762	2999	3008	3019	rBV	13456	28368	2.43%	0.231%
58	10.907	3050	3053	3055	rBV4	1527	924	0.08%	0.008%
59	10.939	3055	3063	3074	rVV	20631	31858	2.72%	0.260%
60	11.013	3084	3086	3088	rBV3	2034	977	0.08%	0.008%
61	11.109	3114	3116	3118	rBV3	1438	725	0.06%	0.006%
62	11.270	3155	3166	3182	rBV	680457	1031395	88.22%	8.402%
63	11.646	3272	3283	3299	rBV	712166	1109007	94.85%	9.034%
64	11.932	3369	3372	3379	rBV7	2175	2237	0.19%	0.018%
65	12.080	3413	3418	3421	rBV6	2118	1747	0.15%	0.014%
66	12.202	3452	3456	3457	rBV4	1259	846	0.07%	0.007%
67	12.254	3467	3472	3474	rBV4	1973	1748	0.15%	0.014%
68	12.325	3487	3494	3498	rBV6	2285	3518	0.30%	0.029%
69	12.402	3516	3518	3520	rBV3	1424	520	0.04%	0.004%
70	12.534	3558	3559	3562	rBV2	1234	547	0.05%	0.004%
71	12.611	3581	3583	3592	rVB9	1492	2285	0.20%	0.019%

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72	12.665	3596	3600	3604	rBV7	2214	1824	0.16%	0.015%
73	12.839	3651	3654	3656	rBV4	1594	959	0.08%	0.008%
74	12.910	3665	3676	3684	rBV4	6787	12386	1.06%	0.101%
75	12.968	3690	3694	3697	rBV5	2196	2055	0.18%	0.017%
76	12.990	3699	3701	3704	rVB3	1243	575	0.05%	0.005%
77	13.048	3715	3719	3720	rBV3	1148	841	0.07%	0.007%
78	13.148	3747	3750	3752	rBV4	1070	737	0.06%	0.006%
79	13.215	3769	3771	3774	rVB4	1145	601	0.05%	0.005%
80	13.598	3887	3890	3893	rBV5	1173	1000	0.09%	0.008%
81	13.614	3893	3895	3897	rBV2	1016	455	0.04%	0.004%
82	13.701	3920	3922	3924	rVB3	1264	499	0.04%	0.004%
83	13.762	3939	3941	3948	rBV8	2716	2740	0.23%	0.022%
84	13.948	3996	3999	4000	rBV3	1408	677	0.06%	0.006%
85	14.006	4014	4017	4018	rBV3	1161	501	0.04%	0.004%
86	14.067	4029	4036	4038	rBV8	1853	2310	0.20%	0.019%
87	14.093	4041	4044	4046	rBV4	1321	941	0.08%	0.008%
88	14.167	4063	4067	4070	rBV5	1455	1253	0.11%	0.010%
89	14.353	4122	4125	4128	rBV4	2097	1578	0.13%	0.013%
90	14.431	4146	4149	4154	rBV6	1831	1886	0.16%	0.015%
91	14.501	4168	4171	4174	rBV4	1432	995	0.09%	0.008%
92	14.533	4177	4181	4182	rBV3	1349	751	0.06%	0.006%
93	14.556	4186	4188	4191	rBV4	1148	695	0.06%	0.006%
94	14.578	4193	4195	4197	rBV2	1384	673	0.06%	0.005%
95	14.633	4210	4212	4215	rBV4	1225	670	0.06%	0.005%
96	14.762	4249	4252	4255	rBV3	1757	981	0.08%	0.008%
97	14.784	4257	4259	4262	rVV4	1211	653	0.06%	0.005%
98	14.945	4305	4309	4312	rBV4	1566	1453	0.12%	0.012%
99	15.340	4430	4432	4433	rBV2	1444	528	0.05%	0.004%
100	15.398	4447	4450	4453	rBV5	1557	1158	0.10%	0.009%

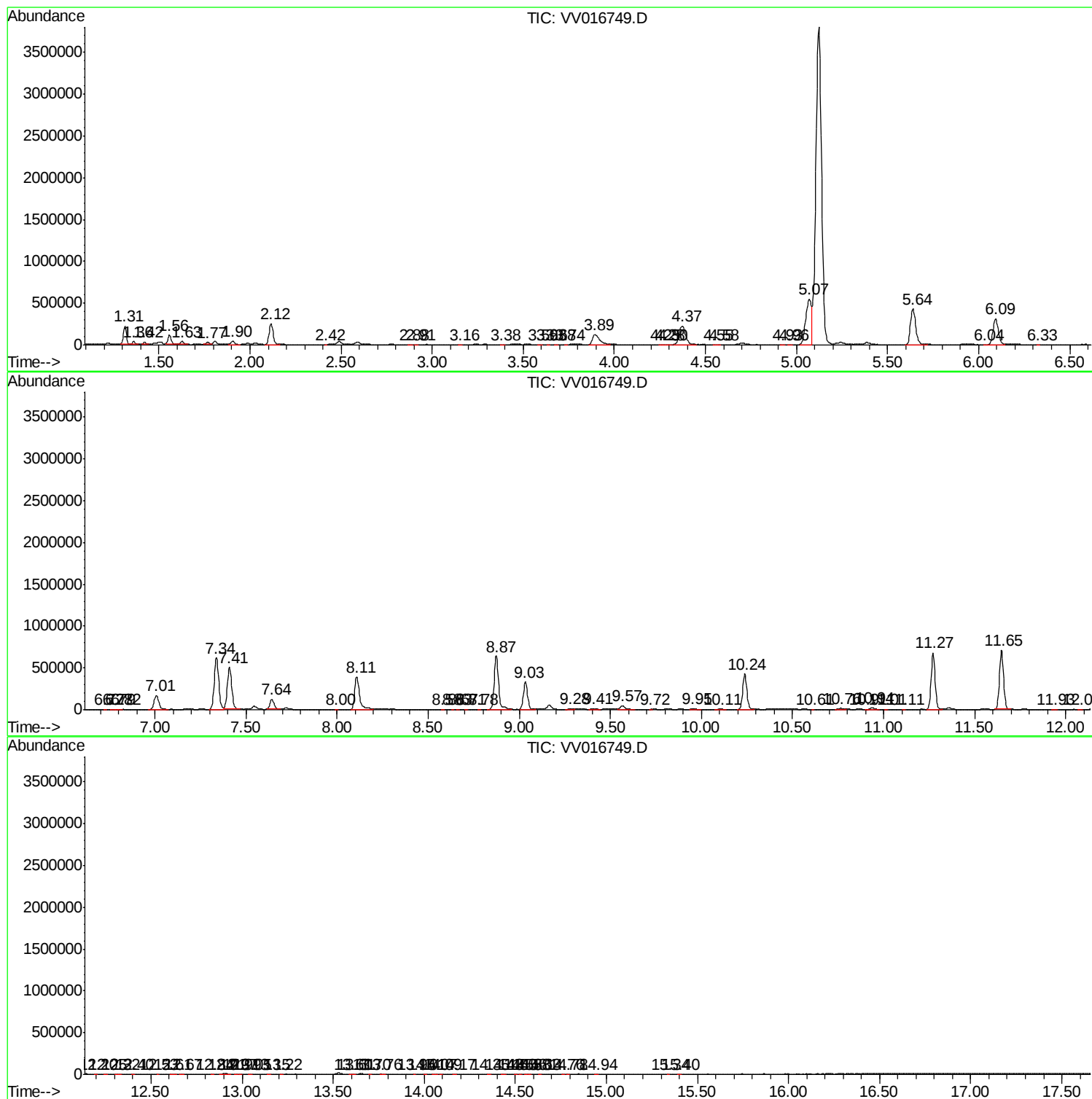
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



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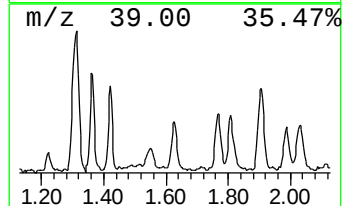
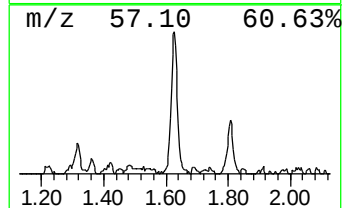
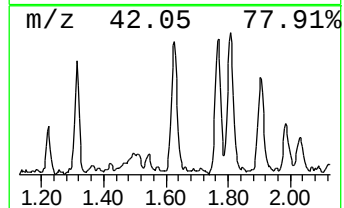
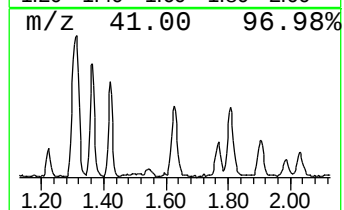
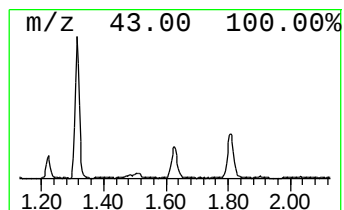
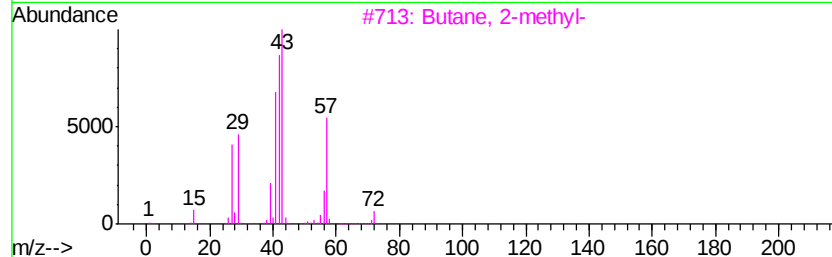
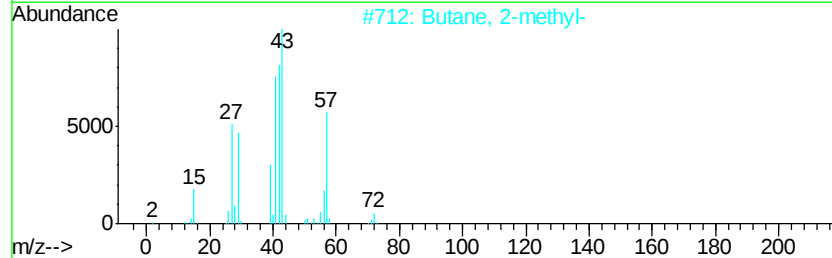
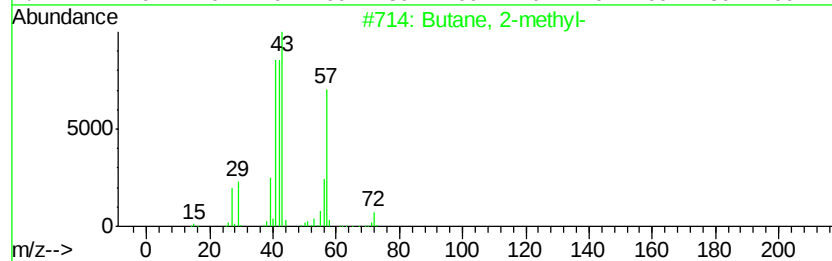
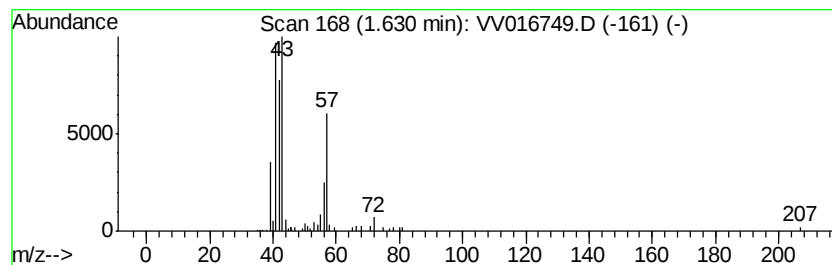
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	2.68 ug/L	45545	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		Butane, 2-methyl-	72	C5H12	000078-78-4	72
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	38
5		2-Butene-1,4-diol	88	C4H8O2	000110-64-5	28



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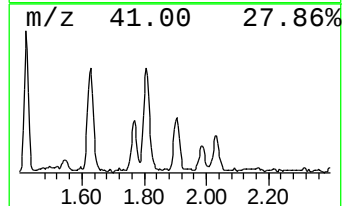
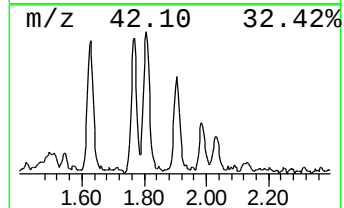
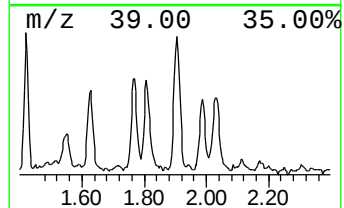
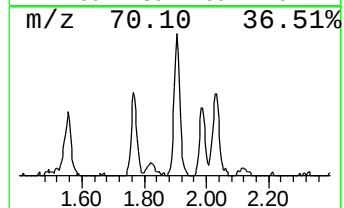
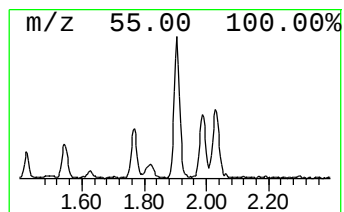
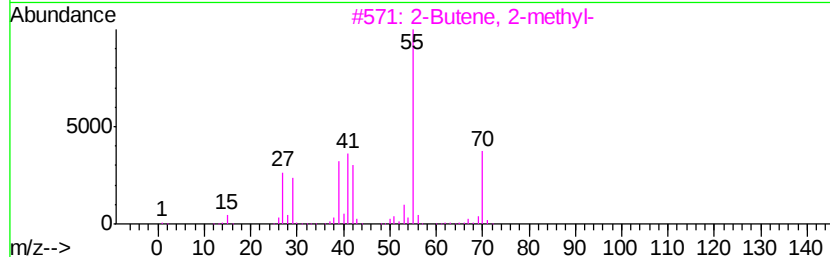
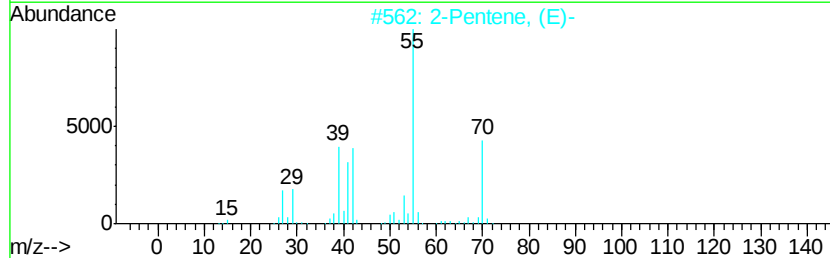
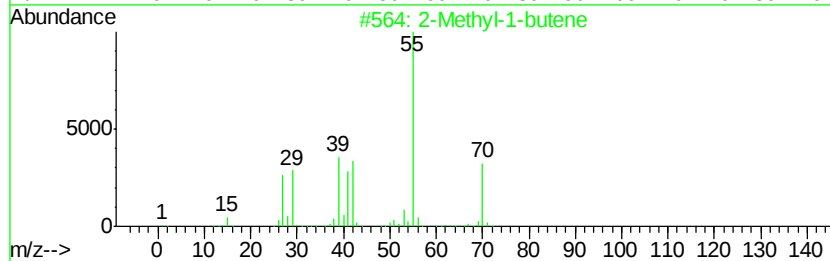
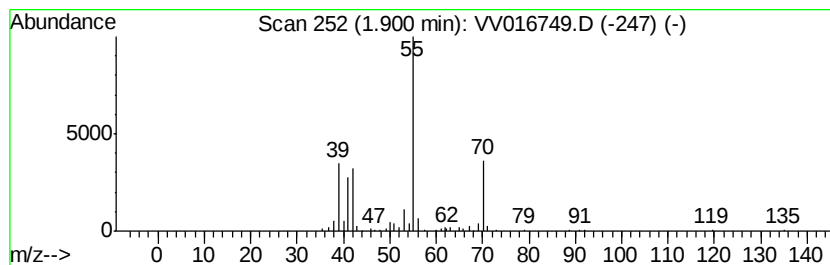
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Quant Title : VOC Analysis

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.
1.90	3.48 ug/L	59058	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-1-butene	70	C5H10	000563-46-2	87
2		2-Pentene, (E)-	70	C5H10	000646-04-8	87
3		2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
5		2-Butene, 2-methyl-	70	C5H10	000513-35-9	83



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.63	2.7	ug/L	45545	1	5.64	849569	50.0
(DEL) Alkane: Str...	1.90	3.5	ug/L	59058	1	5.64	849569	50.0