

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016777.D
 Acq On : 10 Jun 2020 18:25
 Operator : SY/MD
 Sample : L2914-08 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E03

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	61	69	79	rBV	276073	292147	22.94%	2.541%
2	1.360	80	84	93	rVB	45375	42093	3.30%	0.366%
3	1.418	98	102	108	rVB	33428	29587	2.32%	0.257%
4	1.553	139	144	157	rVB	124791	146894	11.53%	1.277%
5	1.765	203	210	215	rBV	23354	29019	2.28%	0.252%
6	1.900	247	252	264	rVB	36660	47207	3.71%	0.411%
7	2.113	309	318	333	rVB	274085	396378	31.12%	3.447%
8	2.437	410	419	422	rBV10	5220	6614	0.52%	0.058%
9	2.585	458	465	476	rVB2	31808	53780	4.22%	0.468%
10	2.727	508	509	511	rBV2	1059	533	0.04%	0.005%
11	2.846	544	546	549	rBV3	1956	1089	0.09%	0.009%
12	2.862	549	551	554	rVB4	1379	718	0.06%	0.006%
13	2.878	554	556	557	rBV2	917	401	0.03%	0.003%
14	2.929	567	572	573	rBV3	1146	753	0.06%	0.007%
15	2.949	573	578	579	rBV4	1774	1323	0.10%	0.012%
16	3.016	596	599	603	rBV6	1500	1063	0.08%	0.009%
17	3.103	622	626	627	rBV3	1349	990	0.08%	0.009%
18	3.216	659	661	663	rBV3	2040	1183	0.09%	0.010%
19	3.235	663	667	671	rVV8	2202	2405	0.19%	0.021%
20	3.341	698	700	703	rBV4	651	406	0.03%	0.004%
21	3.363	705	707	708	rBV3	920	362	0.03%	0.003%
22	3.566	768	770	772	rBV3	1160	636	0.05%	0.006%
23	3.588	772	777	779	rBV4	1703	1354	0.11%	0.012%
24	3.637	790	792	793	rBV2	1016	404	0.03%	0.004%
25	3.675	799	804	807	rBV7	1524	1302	0.10%	0.011%
26	3.894	862	872	906	rBV2	104279	285407	22.41%	2.482%
27	4.277	987	991	993	rBV5	2085	1540	0.12%	0.013%
28	4.306	998	1000	1003	rVB3	1323	636	0.05%	0.006%
29	4.373	1004	1021	1042	rBV	219567	546307	42.89%	4.751%
30	4.608	1092	1094	1096	rBV3	1105	608	0.05%	0.005%
31	4.637	1100	1103	1104	rBV3	1176	730	0.06%	0.006%
32	4.698	1109	1122	1136	rVV4	24408	60176	4.72%	0.523%
33	4.775	1144	1146	1154	rVB8	2635	2610	0.20%	0.023%
34	4.810	1154	1157	1159	rBV4	1817	1154	0.09%	0.010%

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35	4.855	1169	1171	1174	rBV3	1267	595	0.05%	0.005%
36	4.910	1184	1188	1191	rBV4	1629	1327	0.10%	0.012%
37	5.003	1215	1217	1219	rBV3	911	506	0.04%	0.004%
38	5.068	1219	1237	1243	rBV2	544785	1273669	100.00%	11.076%
39	5.637	1398	1414	1443	rBV	427890	865414	67.95%	7.526%
40	5.794	1460	1463	1468	rBV7	2255	1872	0.15%	0.016%
41	5.894	1492	1494	1495	rBV2	1842	746	0.06%	0.006%
42	5.926	1496	1504	1515	rVV7	15026	31307	2.46%	0.272%
43	6.026	1533	1535	1537	rBV3	1859	787	0.06%	0.007%
44	6.090	1543	1555	1571	rBV	301837	611065	47.98%	5.314%
45	6.228	1596	1598	1601	rBV3	1499	929	0.07%	0.008%
46	6.444	1663	1665	1669	rVB5	2110	1148	0.09%	0.010%
47	6.473	1669	1674	1676	rBV5	1608	1369	0.11%	0.012%
48	6.502	1680	1683	1684	rBV3	931	533	0.04%	0.005%
49	6.531	1690	1692	1695	rBV3	1559	794	0.06%	0.007%
50	6.672	1734	1736	1739	rBV3	1640	956	0.08%	0.008%
51	6.804	1775	1777	1778	rBV2	1103	408	0.03%	0.004%
52	6.894	1803	1805	1809	rVB4	1662	966	0.08%	0.008%
53	6.913	1809	1811	1812	rBV2	1263	448	0.04%	0.004%
54	7.006	1827	1840	1862	rBV	182928	330494	25.95%	2.874%
55	7.154	1883	1886	1889	rBV5	2921	2408	0.19%	0.021%
56	7.334	1929	1942	1957	rBV	639248	1102673	86.57%	9.589%
57	7.640	2028	2037	2052	rVB	126820	204330	16.04%	1.777%
58	8.010	2150	2152	2153	rBV2	754	317	0.02%	0.003%
59	8.045	2157	2163	2166	rBV7	2937	3076	0.24%	0.027%
60	8.109	2171	2183	2214	rBV	325506	640580	50.29%	5.571%
61	8.534	2313	2315	2316	rBV2	1017	400	0.03%	0.003%
62	8.694	2363	2365	2366	rBV2	723	231	0.02%	0.002%
63	8.707	2366	2369	2370	rBV3	1258	545	0.04%	0.005%
64	8.743	2377	2380	2385	rBV6	1622	1755	0.14%	0.015%
65	8.813	2400	2402	2405	rVB3	2153	1249	0.10%	0.011%
66	8.871	2405	2420	2431	rBV	646217	1045549	82.09%	9.092%
67	9.035	2462	2471	2484	rBV	42259	70083	5.50%	0.609%
68	9.161	2502	2510	2528	rVB	104417	181802	14.27%	1.581%
69	9.405	2577	2586	2596	rBV3	16028	26546	2.08%	0.231%
70	9.566	2629	2636	2647	rVB	38140	59565	4.68%	0.518%
71	9.739	2682	2690	2698	rBV	6882	11849	0.93%	0.103%

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72	10.035	2779	2782	2784	rVB5	1515	824	0.06%	0.007%
73	10.238	2834	2845	2861	rVB	419624	650146	51.05%	5.654%
74	10.653	2972	2974	2978	rBV4	1668	1340	0.11%	0.012%
75	10.935	3054	3062	3073	rBV	38597	61755	4.85%	0.537%
76	11.090	3108	3110	3113	rBV4	1682	1482	0.12%	0.013%
77	11.270	3156	3166	3184	rVB	703997	1080812	84.86%	9.399%
78	11.357	3185	3193	3204	rBV	33808	54138	4.25%	0.471%
79	11.646	3272	3283	3309	rVB	714122	1125670	88.38%	9.789%
80	12.038	3400	3405	3412	rBV	3561	5515	0.43%	0.048%
81	12.225	3460	3463	3465	rBV3	1791	975	0.08%	0.008%
82	12.714	3613	3615	3617	rBV3	1412	858	0.07%	0.007%
83	12.903	3666	3674	3683	rBV10	12194	19325	1.52%	0.168%
84	13.051	3716	3720	3721	rBV4	2191	1420	0.11%	0.012%
85	13.209	3764	3769	3770	rBV4	2408	1450	0.11%	0.013%
86	13.276	3787	3790	3793	rBV4	1817	1472	0.12%	0.013%
87	13.527	3859	3868	3878	rBV	28843	46414	3.64%	0.404%
88	13.730	3929	3931	3933	rBV3	1469	757	0.06%	0.007%
89	14.006	4014	4017	4019	rBV4	2071	1447	0.11%	0.013%
90	14.064	4033	4035	4036	rBV2	803	204	0.02%	0.002%
91	14.106	4046	4048	4050	rBV3	970	354	0.03%	0.003%
92	14.131	4054	4056	4058	rBV2	1198	543	0.04%	0.005%
93	14.366	4127	4129	4134	rBV6	2060	1347	0.11%	0.012%
94	14.530	4179	4180	4183	rBV2	1077	636	0.05%	0.006%
95	14.823	4267	4271	4272	rBV3	1359	1005	0.08%	0.009%
96	15.115	4360	4362	4365	rVB3	1804	964	0.08%	0.008%
97	15.135	4365	4368	4374	rBV6	1921	1549	0.12%	0.013%
98	15.289	4414	4416	4417	rBV2	1421	671	0.05%	0.006%

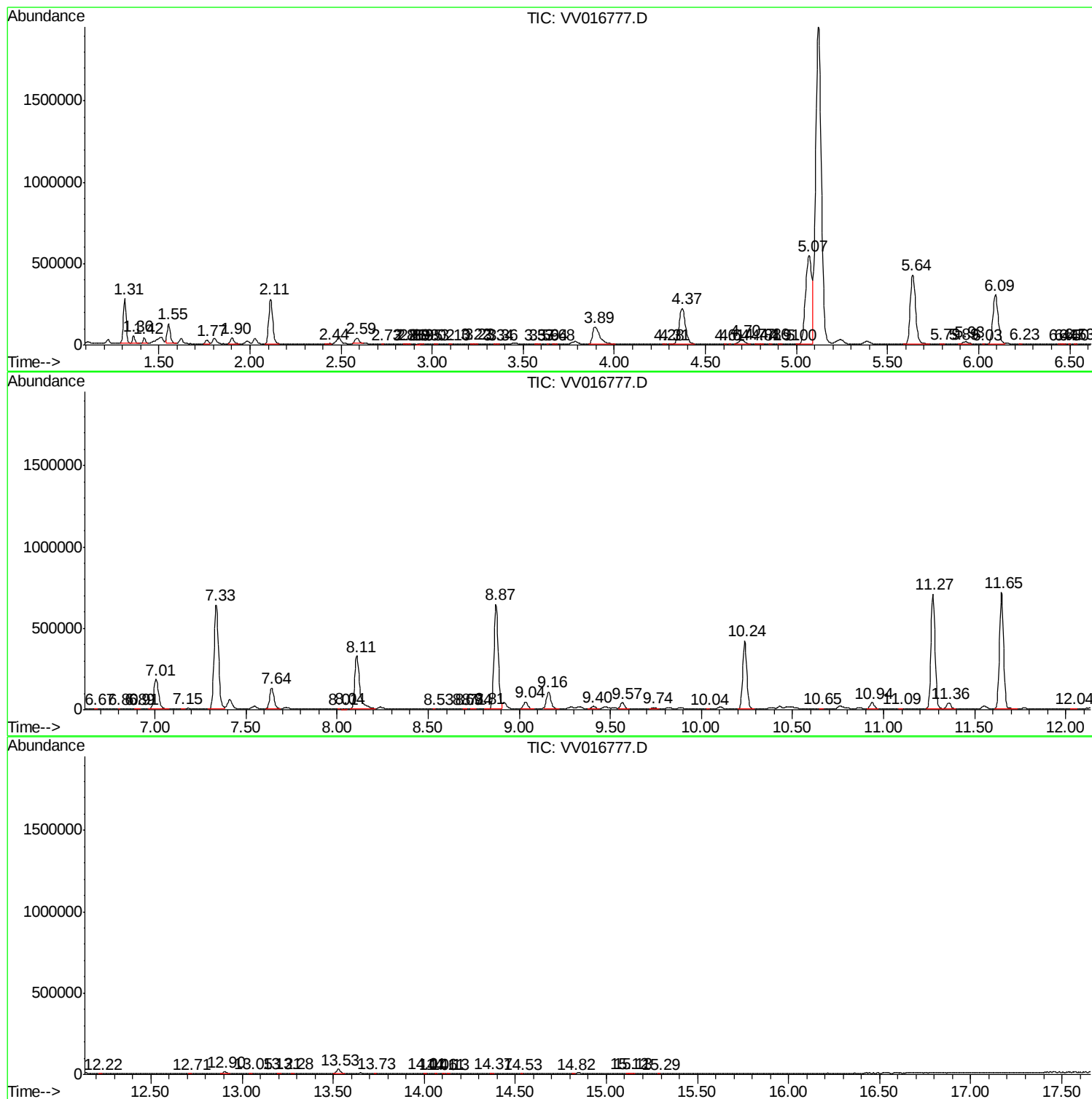
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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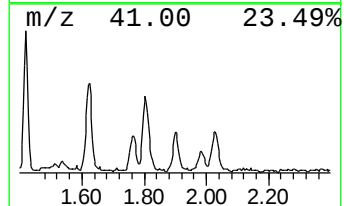
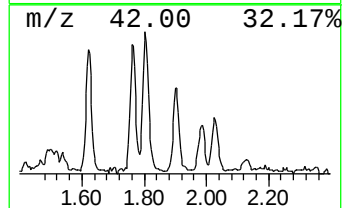
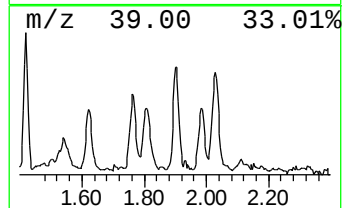
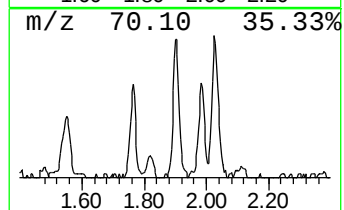
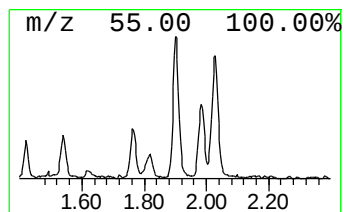
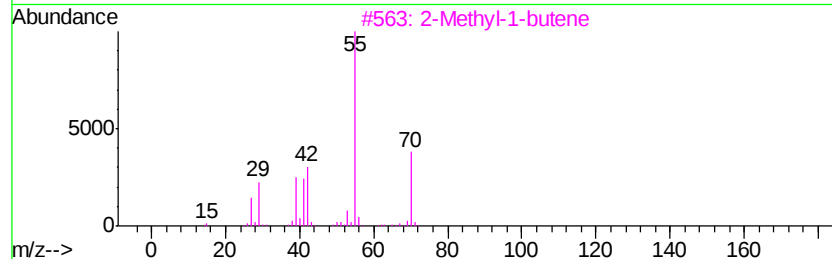
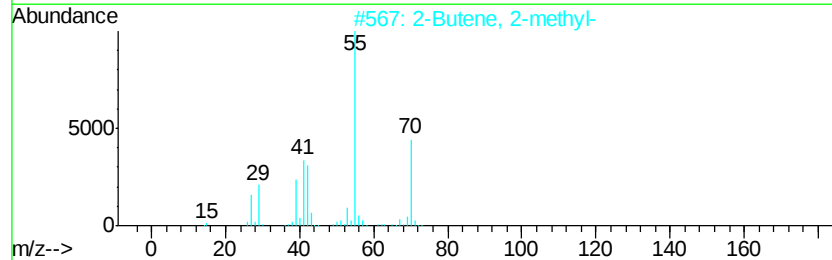
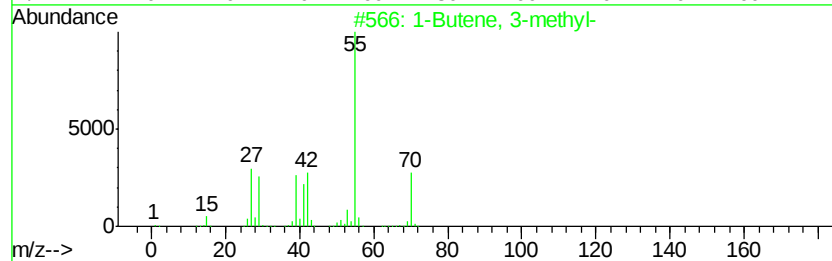
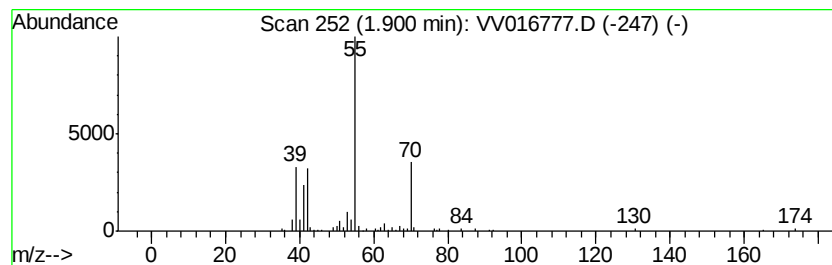
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	2.73 ug/L	47207	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 3-methyl-	70	C5H10	000563-45-1	64
2			2-Butene, 2-methyl-	70	C5H10	000513-35-9	64
3			2-Methyl-1-butene	70	C5H10	000563-46-2	64
4			2-Methyl-1-butene	70	C5H10	000563-46-2	64
5			2-Methyl-1-butene	70	C5H10	000563-46-2	64



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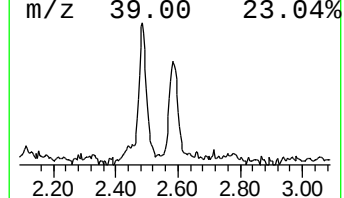
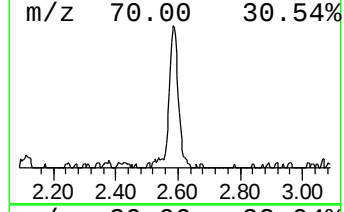
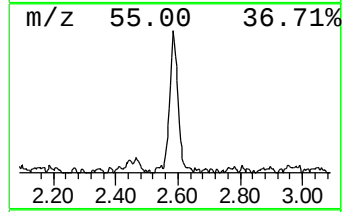
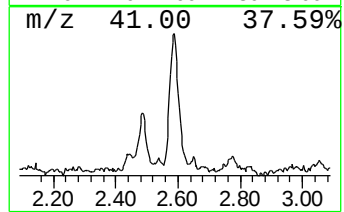
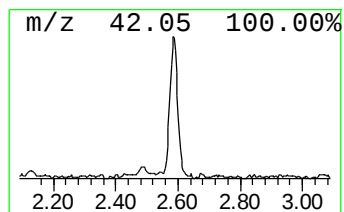
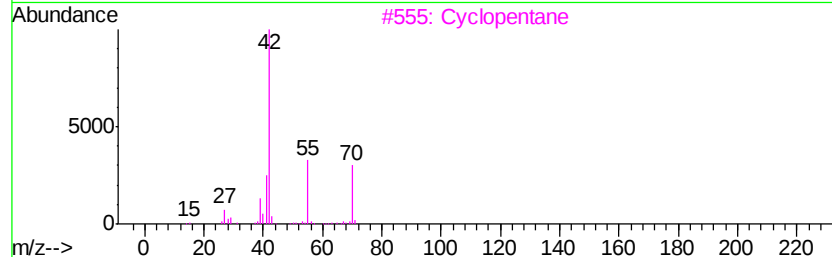
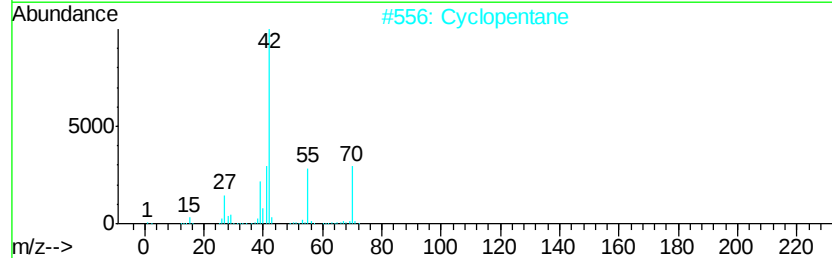
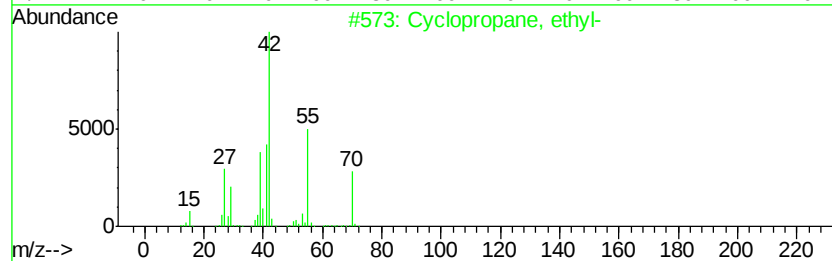
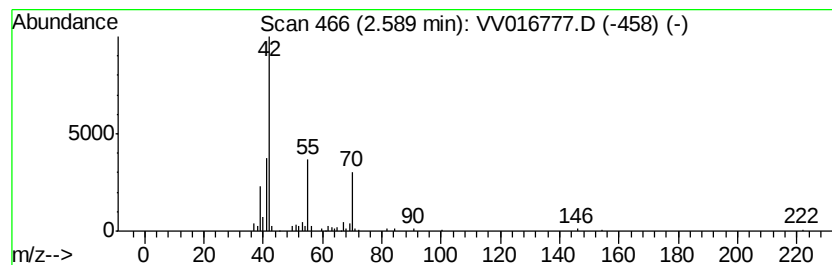
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic2.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	3.11 ug/L	53780	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, ethyl-	70	C5H10	001191-96-4	80
2			Cyclopentane	70	C5H10	000287-92-3	72
3			Cyclopentane	70	C5H10	000287-92-3	72
4			1-Pentene	70	C5H10	000109-67-1	43
5			Cyclobutanone	70	C4H6O	001191-95-3	39



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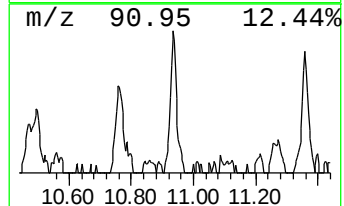
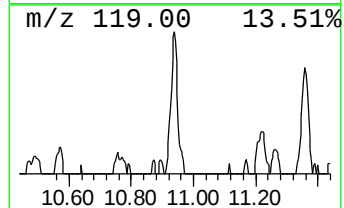
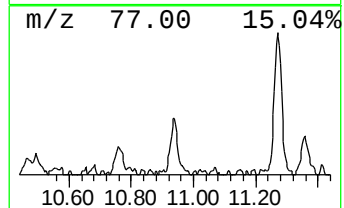
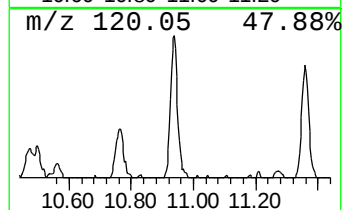
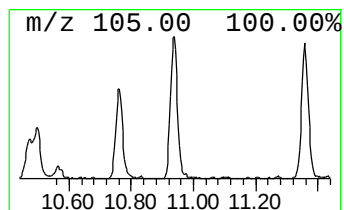
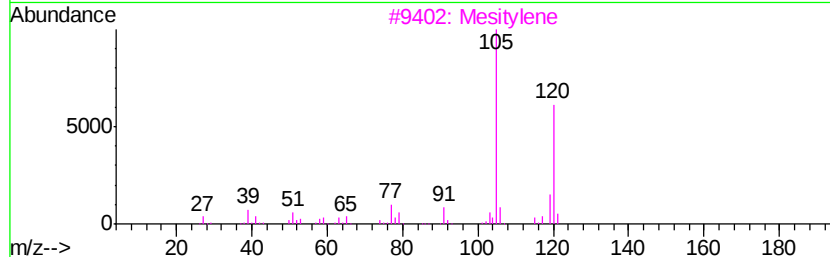
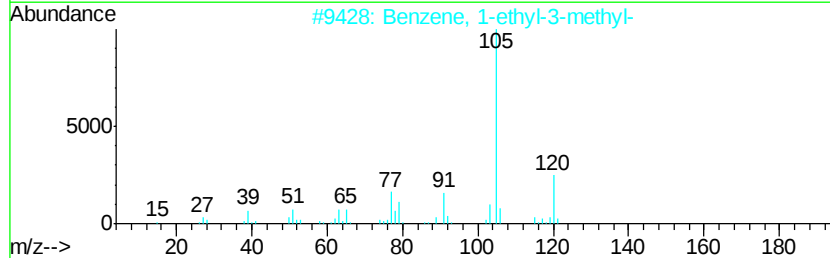
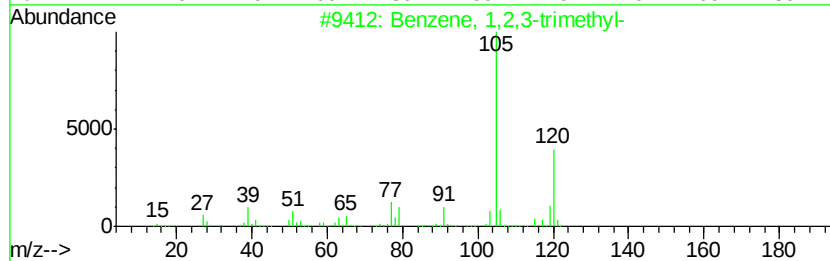
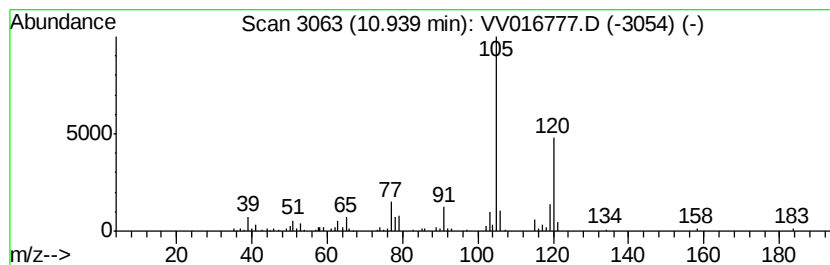
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Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.86 ug/L	61755	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061020\
Data File : VV016777.D
Acq On : 10 Jun 2020 18:25
Operator : SY/MD
Sample : L2914-08 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

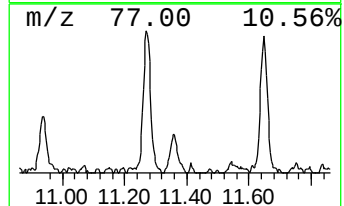
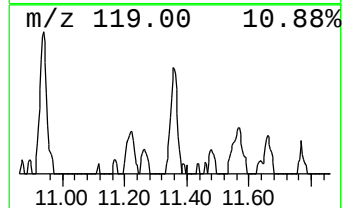
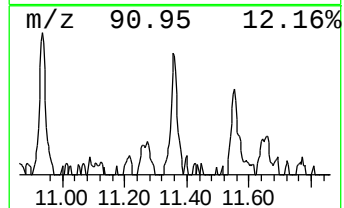
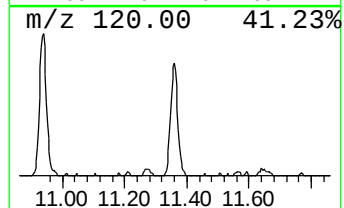
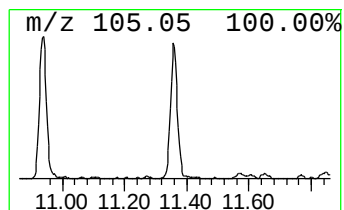
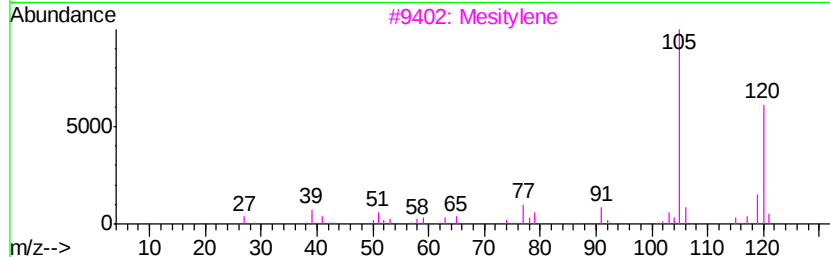
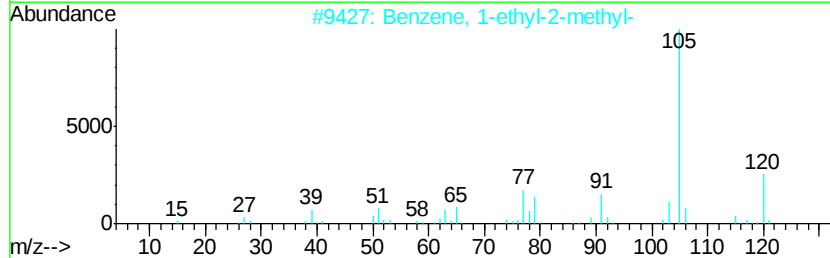
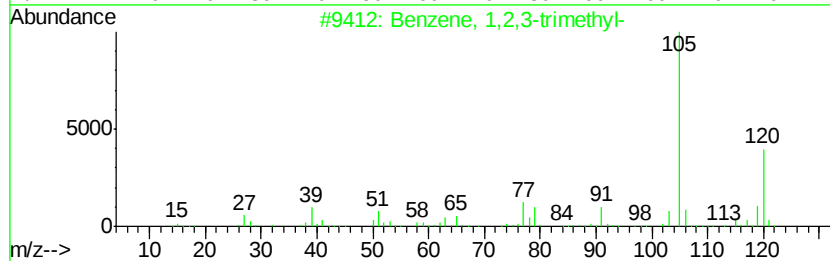
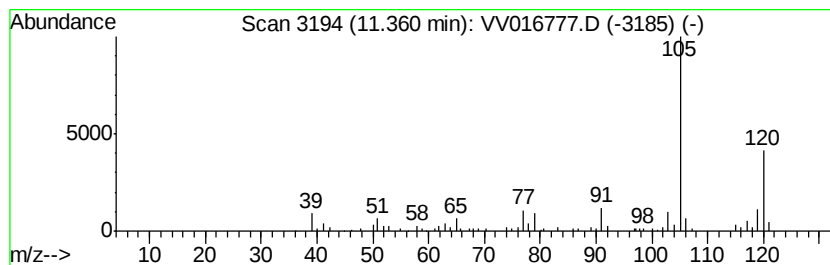
Instrument :
MSVOA_V
ClientSampleId :
F9E03

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 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.36	2.50 ug/L	54138	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061020\
Data File : VV016777.D
Acq On : 10 Jun 2020 18:25
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Sample : L2914-08 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E03

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.90	2.7	ug/L	47207	1	5.64	865414	50.0
(DEL) Alkane: Cyc...	2.59	3.1	ug/L	53780	1	5.64	865414	50.0
Benzene, 1,2,3-tr...	10.94	2.9	ug/L	61755	3	11.27	1080810	50.0
Benzene, 1-ethyl-...	11.36	2.5	ug/L	54138	3	11.27	1080810	50.0