

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110119\
 Data File : VU035595.D
 Acq On : 01 Nov 2019 12:16
 Operator : JC/SP
 Sample : K5631-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE879

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\SOMULM103119WMA.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	1.372	4	10	13	rBV2	35138	38150	1.53%	0.175%
2	1.617	78	86	96	rVB	335940	367114	14.68%	1.684%
3	1.703	107	113	124	rVB	58385	66775	2.67%	0.306%
4	1.932	176	184	202	rVB	265424	357115	14.28%	1.638%
5	2.597	377	391	405	rBV	486902	823560	32.93%	3.779%
6	2.668	406	413	426	rVB	35828	61480	2.46%	0.282%
7	2.809	445	457	474	rBV	111759	217913	8.71%	1.000%
8	3.234	574	589	606	rBV	124614	291559	11.66%	1.338%
9	3.385	632	636	637	rBV2	932	580	0.02%	0.003%
10	3.520	675	678	681	rBV3	694	461	0.02%	0.002%
11	3.543	681	685	690	rBV2	717	612	0.02%	0.003%
12	3.636	704	714	726	rVB2	4548	9599	0.38%	0.044%
13	3.742	733	747	762	rVB4	7771	17611	0.70%	0.081%
14	3.842	772	778	782	rVB3	565	567	0.02%	0.003%
15	3.874	782	788	791	rBV2	1302	1487	0.06%	0.007%
16	4.022	832	834	844	rBV4	385	529	0.02%	0.002%
17	4.247	896	904	908	rBV3	559	700	0.03%	0.003%
18	4.324	921	928	931	rBV2	419	519	0.02%	0.002%
19	4.510	969	986	997	rBV6	18174	45003	1.80%	0.206%
20	4.694	1027	1043	1063	rBV2	258303	647842	25.91%	2.972%
21	5.115	1157	1174	1196	rBV	438192	959219	38.36%	4.401%
22	5.314	1233	1236	1239	rBV3	875	729	0.03%	0.003%
23	5.343	1239	1245	1250	rVV8	2132	3035	0.12%	0.014%
24	5.414	1259	1267	1269	rBV5	1195	1466	0.06%	0.007%
25	5.459	1277	1281	1282	rBV2	619	479	0.02%	0.002%
26	5.771	1356	1378	1411	rBV2	950153	2500780	100.00%	11.474%
27	5.999	1446	1449	1450	rBV3	1268	834	0.03%	0.004%
28	6.150	1493	1496	1498	rBV	828	663	0.03%	0.003%
29	6.169	1498	1502	1504	rBV4	1544	1454	0.06%	0.007%
30	6.292	1526	1540	1574	rBV	807749	1548783	61.93%	7.106%
31	6.546	1614	1619	1620	rBV3	1997	1637	0.07%	0.008%
32	6.735	1663	1678	1695	rBV	568937	1109444	44.36%	5.090%
33	6.925	1730	1737	1757	rVB2	18962	37952	1.52%	0.174%
34	7.131	1797	1801	1802	rBV2	934	603	0.02%	0.003%

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 Title : VOC Analysis

35	7.449	1894	1900	1901	rBV2	533	474	0.02%	0.002%
36	7.533	1917	1926	1933	rBV6	2251	3668	0.15%	0.017%
37	7.603	1933	1948	1969	rBV	304181	553181	22.12%	2.538%
38	7.845	2016	2023	2030	rBV6	2135	3555	0.14%	0.016%
39	7.935	2031	2051	2064	rBV	1146264	2005441	80.19%	9.201%
40	8.005	2065	2073	2085	rVB	108420	192090	7.68%	0.881%
41	8.160	2114	2121	2127	rBV3	6177	7870	0.31%	0.036%
42	8.214	2127	2138	2154	rBV	211350	359722	14.38%	1.650%
43	8.382	2188	2190	2192	rBV3	741	490	0.02%	0.002%
44	8.404	2192	2197	2206	rVB8	2382	3061	0.12%	0.014%
45	8.478	2217	2220	2221	rBV	836	470	0.02%	0.002%
46	8.587	2250	2254	2266	rVB6	2008	3202	0.13%	0.015%
47	8.677	2269	2282	2321	rBV	473177	1155490	46.21%	5.301%
48	8.825	2322	2328	2344	rVB5	30220	64020	2.56%	0.294%
49	9.047	2393	2397	2399	rBV2	702	523	0.02%	0.002%
50	9.195	2436	2443	2449	rBV8	1510	2687	0.11%	0.012%
51	9.237	2450	2456	2468	rVB8	4341	7047	0.28%	0.032%
52	9.311	2476	2479	2481	rBV	752	561	0.02%	0.003%
53	9.356	2485	2493	2495	rBV5	2802	2729	0.11%	0.013%
54	9.449	2507	2522	2557	rBV	1061777	1882103	75.26%	8.635%
55	9.600	2557	2569	2591	rVV	118341	201187	8.04%	0.923%
56	9.722	2594	2607	2650	rVB	745516	1342834	53.70%	6.161%
57	9.877	2650	2655	2660	rBV4	989	1194	0.05%	0.005%
58	9.954	2674	2679	2684	rBV5	1419	1404	0.06%	0.006%
59	10.008	2690	2696	2701	rVB5	2142	2249	0.09%	0.010%
60	10.060	2708	2712	2716	rBV5	1022	961	0.04%	0.004%
61	10.131	2722	2734	2762	rVB	271846	486010	19.43%	2.230%
62	10.275	2769	2779	2781	rBV4	4046	4873	0.19%	0.022%
63	10.320	2786	2793	2803	rVV2	16086	28686	1.15%	0.132%
64	10.381	2803	2812	2828	rVV5	19602	43689	1.75%	0.200%
65	10.513	2842	2853	2863	rBV	22491	36070	1.44%	0.165%
66	10.571	2867	2871	2875	rVB4	510	504	0.02%	0.002%
67	10.610	2879	2883	2887	rBV4	1303	1437	0.06%	0.007%
68	10.787	2924	2938	2957	rBV	732135	1235061	49.39%	5.667%
69	10.928	2968	2982	2997	rVB3	22069	43583	1.74%	0.200%
70	10.986	2997	3000	3002	rBV2	1246	766	0.03%	0.004%
71	11.025	3002	3012	3032	rVV	48376	115172	4.61%	0.528%

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72	11.115	3033	3040	3060	rVB2	25484	41838	1.67%	0.192%
73	11.262	3084	3086	3090	rVV3	784	598	0.02%	0.003%
74	11.317	3094	3103	3115	rVV2	13979	24376	0.97%	0.112%
75	11.372	3116	3120	3124	rBV5	909	904	0.04%	0.004%
76	11.494	3149	3158	3170	rVB3	27645	48363	1.93%	0.222%
77	11.606	3184	3193	3196	rBV8	1987	2570	0.10%	0.012%
78	11.668	3208	3212	3219	rVB5	1939	2245	0.09%	0.010%
79	11.722	3219	3229	3238	rBV6	11169	18630	0.74%	0.085%
80	11.764	3238	3242	3243	rBV3	1270	861	0.03%	0.004%
81	11.841	3253	3266	3282	rBV	706448	1245669	49.81%	5.715%
82	11.922	3285	3291	3300	rVB4	4112	6013	0.24%	0.028%
83	11.989	3309	3312	3316	rBV3	715	513	0.02%	0.002%
84	12.089	3331	3343	3358	rBV	67413	122007	4.88%	0.560%
85	12.221	3371	3384	3401	rVB	778059	1338671	53.53%	6.142%
86	12.372	3428	3431	3434	rBV4	776	478	0.02%	0.002%
87	12.478	3460	3464	3467	rVV4	690	770	0.03%	0.004%
88	12.500	3469	3471	3475	rVV3	698	472	0.02%	0.002%
89	12.729	3540	3542	3546	rVB3	803	473	0.02%	0.002%
90	12.796	3556	3563	3565	rBV4	1820	1969	0.08%	0.009%
91	12.841	3566	3577	3586	rVB5	8339	15675	0.63%	0.072%
92	12.915	3594	3600	3607	rVB6	3896	5573	0.22%	0.026%
93	12.989	3621	3623	3628	rVB4	672	552	0.02%	0.003%
94	13.021	3630	3633	3636	rBV3	712	667	0.03%	0.003%
95	13.037	3636	3638	3644	rVB4	859	718	0.03%	0.003%
96	13.114	3658	3662	3665	rBV2	1044	987	0.04%	0.005%
97	13.237	3697	3700	3703	rBV4	920	742	0.03%	0.003%
98	13.420	3755	3757	3762	rVB2	851	527	0.02%	0.002%
99	13.651	3825	3829	3835	rBV7	1348	1499	0.06%	0.007%
100	14.089	3960	3965	3966	rBV2	1029	933	0.04%	0.004%

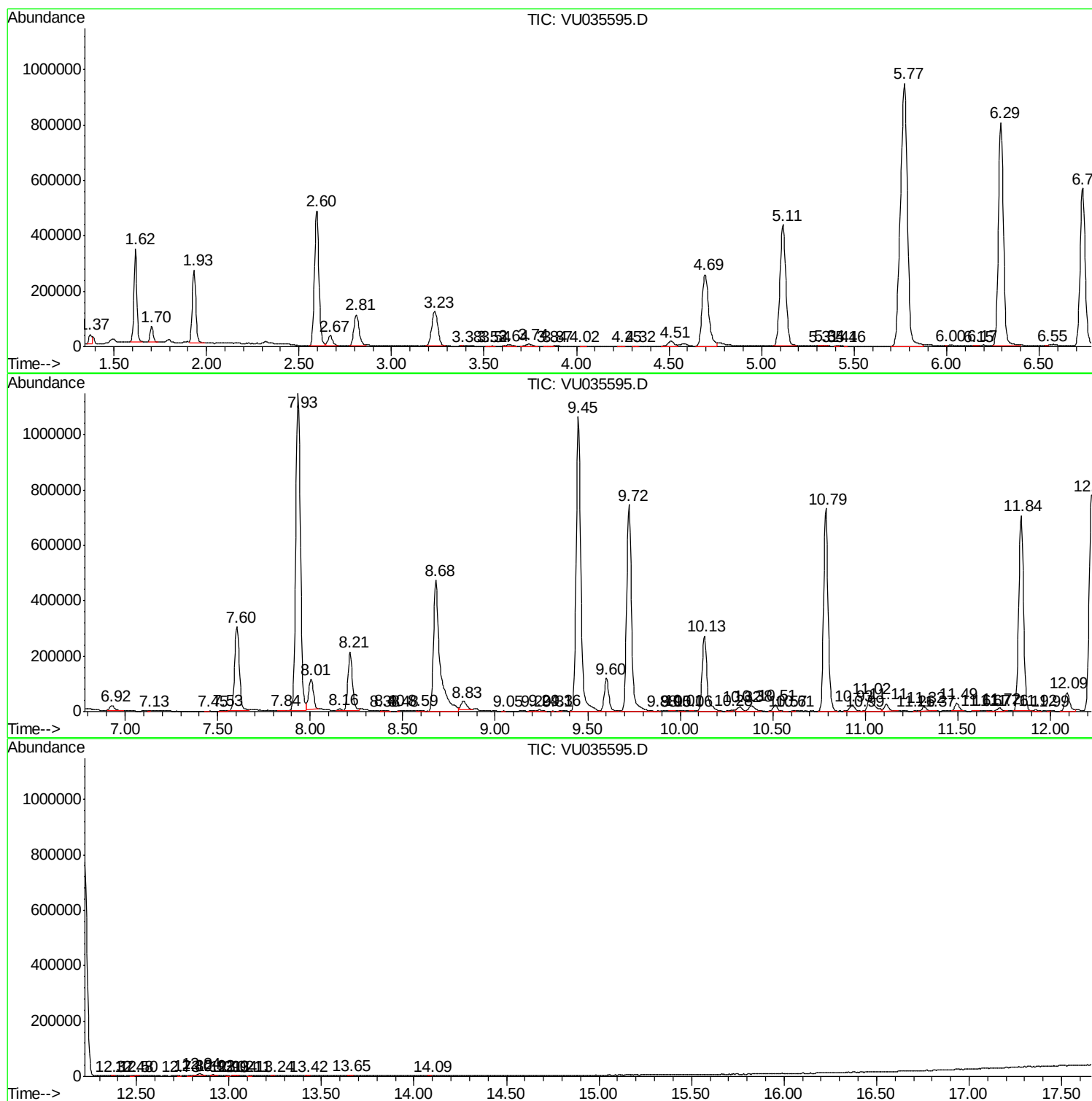
Sum of corrected areas: 21795611

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis

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



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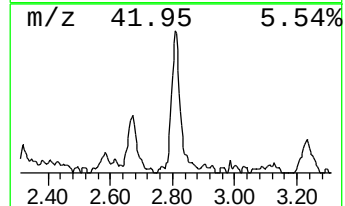
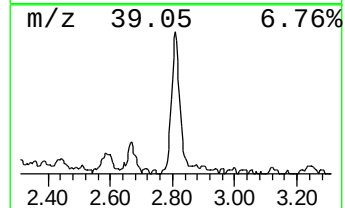
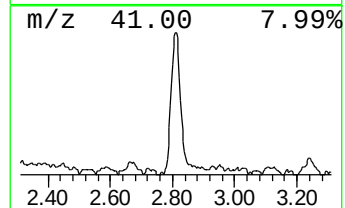
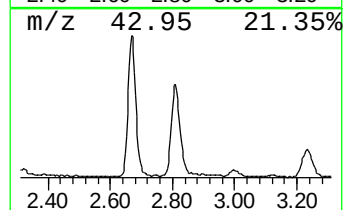
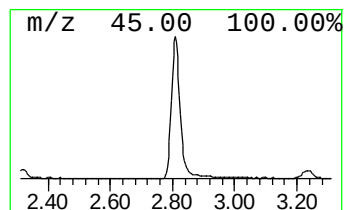
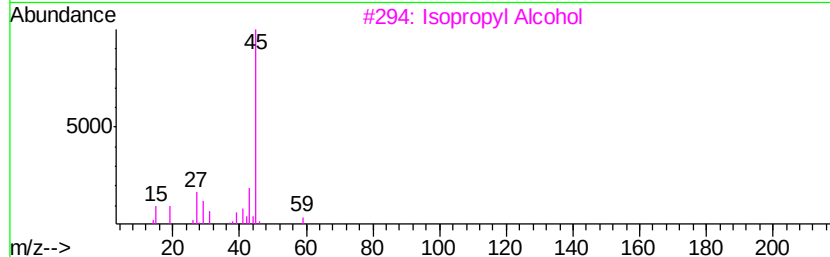
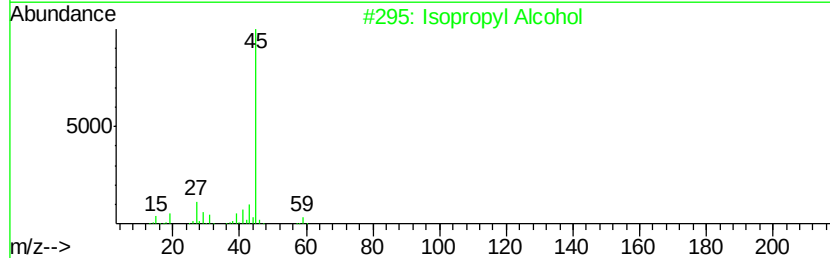
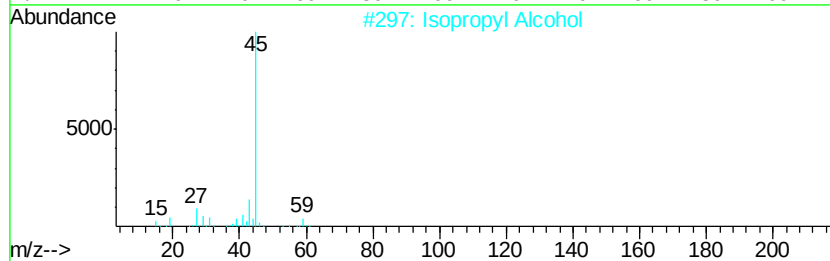
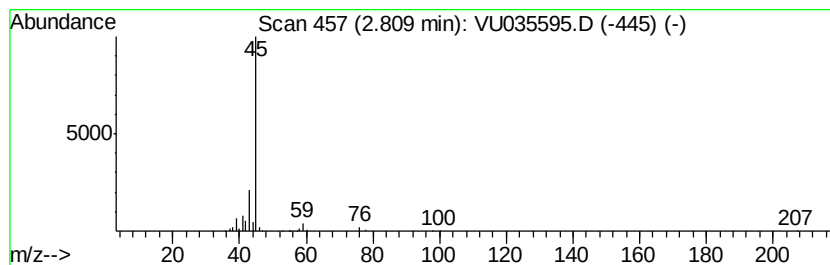
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	7.03 ug/L	217913	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40



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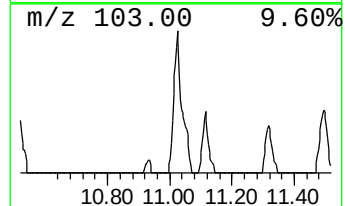
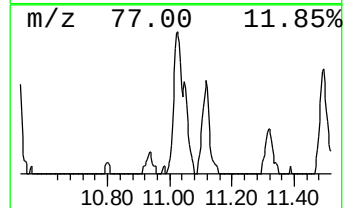
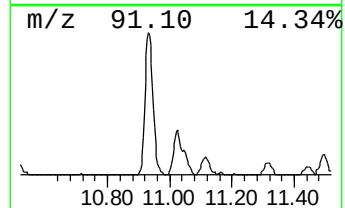
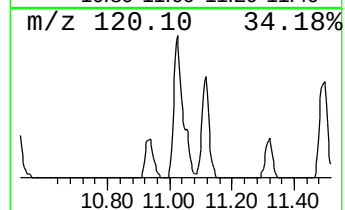
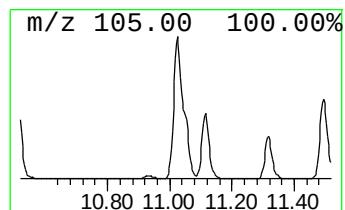
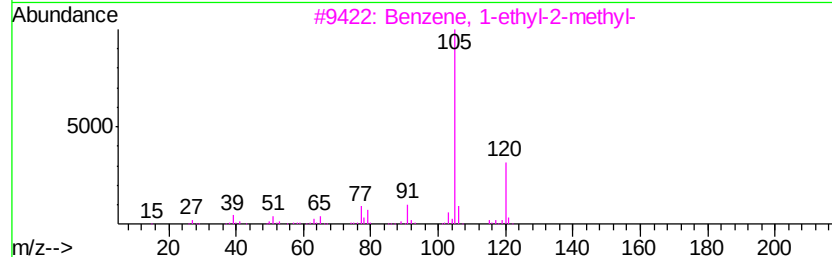
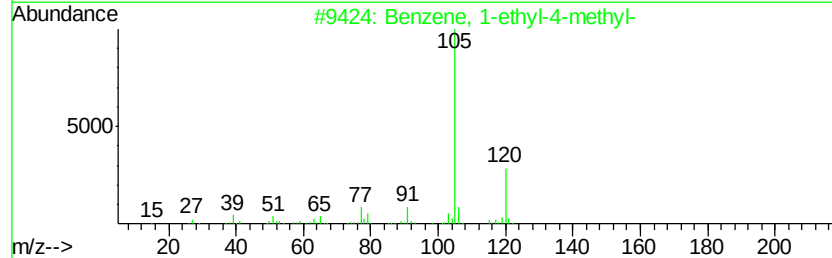
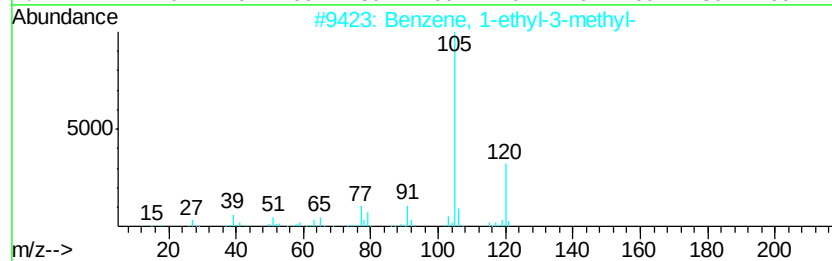
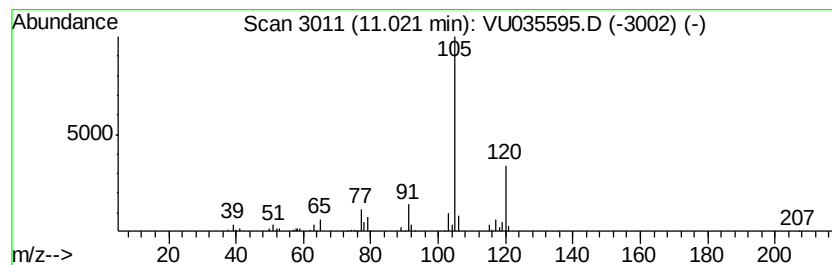
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	4.62 ug/L	115172	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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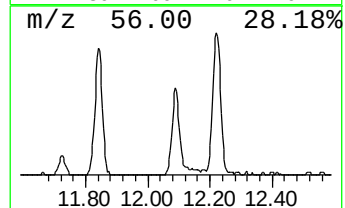
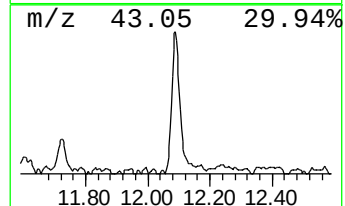
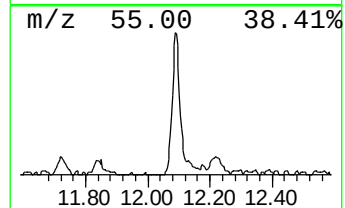
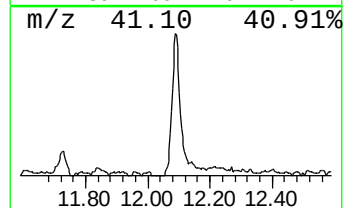
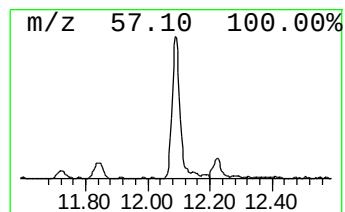
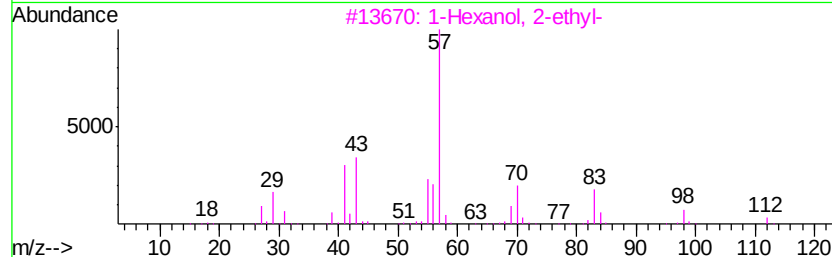
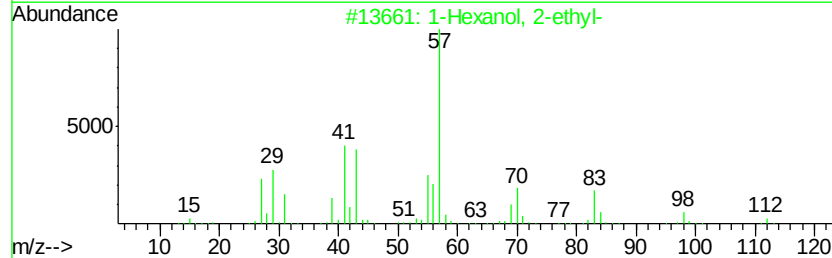
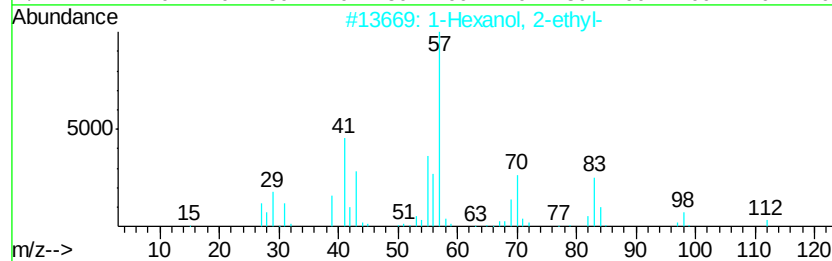
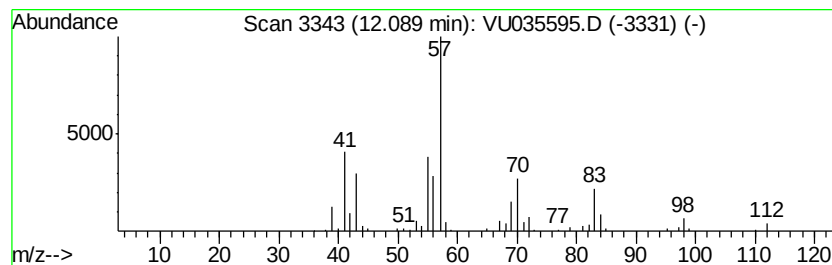
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Quant Title : VOC Analysis

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Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.09	4.90 ug/L	122007	1,4-Dichlorobenzene-d4	11.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110119\
Data File : VU035595.D
Acq On : 01 Nov 2019 12:16
Operator : JC/SP
Sample : K5631-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE879

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.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
Isopropyl Alcohol	2.81	7.0	ug/L	217913	1	6.29	1548780	50.0
Benzene, 1-ethyl-...	11.02	4.6	ug/L	115172	3	11.84	1245670	50.0
1-Hexanol, 2-ethyl-	12.09	4.9	ug/L	122007	3	11.84	1245670	50.0