

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
 Data File : VU035625.D
 Acq On : 05 Nov 2019 13:05
 Operator : JC/SP
 Sample : K5631-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE882

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	23	rBV2	37043	40229	1.85%	0.199%
2	1.617	78	86	105	rVB	271641	313384	14.43%	1.551%
3	1.703	107	113	122	rVB	80815	94849	4.37%	0.469%
4	1.935	177	185	202	rVB	229016	304183	14.01%	1.505%
5	2.597	376	391	405	rBV2	432773	775655	35.71%	3.839%
6	2.668	406	413	426	rVB	58147	98647	4.54%	0.488%
7	2.809	446	457	475	rBV	67025	131475	6.05%	0.651%
8	3.234	574	589	609	rVB	77064	179756	8.28%	0.890%
9	3.337	616	621	625	rBV3	684	723	0.03%	0.004%
10	3.414	632	645	647	rBV8	2658	4553	0.21%	0.023%
11	3.475	662	664	671	rVB3	770	848	0.04%	0.004%
12	3.507	671	674	676	rBV2	583	405	0.02%	0.002%
13	3.539	681	684	686	rVV	611	377	0.02%	0.002%
14	3.552	686	688	692	rVV3	738	513	0.02%	0.003%
15	3.632	692	713	732	rVV4	13972	37060	1.71%	0.183%
16	3.748	738	749	758	rVB4	1927	4030	0.19%	0.020%
17	3.809	766	768	771	rVB2	577	308	0.01%	0.002%
18	3.922	789	803	821	rVB3	5981	16090	0.74%	0.080%
19	4.099	854	858	863	rVB2	441	420	0.02%	0.002%
20	4.134	866	869	872	rVV2	398	306	0.01%	0.002%
21	4.214	890	894	897	rVB2	473	370	0.02%	0.002%
22	4.356	932	938	944	rBV2	315	357	0.02%	0.002%
23	4.401	950	952	958	rVB2	412	292	0.01%	0.001%
24	4.433	959	962	966	rBV2	376	314	0.01%	0.002%
25	4.510	969	986	1004	rBV2	48415	119185	5.49%	0.590%
26	4.697	1027	1044	1065	rBV2	216323	602619	27.75%	2.982%
27	5.115	1157	1174	1199	rBV	376037	837229	38.55%	4.143%
28	5.366	1240	1252	1265	rVB2	17388	38106	1.75%	0.189%
29	5.449	1275	1278	1281	rVB3	773	489	0.02%	0.002%
30	5.607	1325	1327	1334	rVB4	389	454	0.02%	0.002%
31	5.774	1356	1379	1414	rBV2	807675	2171844	100.00%	10.748%
32	6.295	1528	1541	1585	rVB	767119	1536747	70.76%	7.605%
33	6.584	1619	1631	1651	rBV	156241	310917	14.32%	1.539%
34	6.735	1665	1678	1698	rBV	492603	953622	43.91%	4.719%

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

35	6.928	1727	1738	1760	rBV3	42937	86625	3.99%	0.429%
36	7.176	1806	1815	1823	rBV5	3362	6204	0.29%	0.031%
37	7.430	1889	1894	1897	rBV5	1065	773	0.04%	0.004%
38	7.449	1897	1900	1903	rBV3	483	314	0.01%	0.002%
39	7.603	1934	1948	1972	rBV	255294	479848	22.09%	2.375%
40	7.845	2015	2023	2031	rBV4	3510	5744	0.26%	0.028%
41	7.935	2038	2051	2064	rBV	969221	1691509	77.88%	8.371%
42	8.005	2066	2073	2090	rVB	101880	184847	8.51%	0.915%
43	8.214	2127	2138	2154	rBV	174395	317419	14.62%	1.571%
44	8.494	2221	2225	2226	rBV2	1241	839	0.04%	0.004%
45	8.510	2226	2230	2231	rBV4	2466	1606	0.07%	0.008%
46	8.584	2243	2253	2270	rVB	204662	346864	15.97%	1.717%
47	8.681	2270	2283	2320	rBV	326356	987320	45.46%	4.886%
48	8.828	2322	2329	2345	rVB3	42521	81157	3.74%	0.402%
49	9.047	2393	2397	2403	rVB7	1928	2432	0.11%	0.012%
50	9.147	2425	2428	2431	rBV3	730	531	0.02%	0.003%
51	9.166	2431	2434	2436	rVB3	905	552	0.03%	0.003%
52	9.192	2436	2442	2444	rBV3	761	754	0.03%	0.004%
53	9.240	2449	2457	2464	rBV6	2919	4599	0.21%	0.023%
54	9.295	2469	2474	2476	rBV3	687	625	0.03%	0.003%
55	9.320	2476	2482	2485	rBV5	1128	1055	0.05%	0.005%
56	9.359	2489	2494	2500	rBV3	1062	1274	0.06%	0.006%
57	9.449	2508	2522	2557	rVB	965529	1786161	82.24%	8.839%
58	9.600	2559	2569	2586	rBV	91057	150840	6.95%	0.746%
59	9.722	2595	2607	2649	rVB	636096	1184709	54.55%	5.863%
60	9.883	2653	2657	2662	rBV5	810	933	0.04%	0.005%
61	9.951	2671	2678	2679	rBV5	2181	1879	0.09%	0.009%
62	10.012	2690	2697	2707	rVB5	5095	8535	0.39%	0.042%
63	10.070	2709	2715	2721	rBV8	1770	2631	0.12%	0.013%
64	10.131	2722	2734	2746	rBV	248115	428373	19.72%	2.120%
65	10.288	2773	2783	2799	rBV2	5909	12989	0.60%	0.064%
66	10.388	2802	2814	2834	rVB4	32104	72217	3.33%	0.357%
67	10.510	2844	2852	2862	rVV2	13786	20667	0.95%	0.102%
68	10.581	2870	2874	2878	rBV4	758	723	0.03%	0.004%
69	10.603	2878	2881	2883	rVV	468	353	0.02%	0.002%
70	10.626	2883	2888	2896	rVB5	927	1328	0.06%	0.007%
71	10.700	2903	2911	2916	rVB9	1505	2345	0.11%	0.012%

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Integration Parameters: LSCINT.P

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72	10.787	2925	2938	2959	rVB	643049	1098714	50.59%	5.437%
73	10.931	2973	2983	2993	rVB2	12177	22201	1.02%	0.110%
74	11.024	3002	3012	3025	rBV	30565	66323	3.05%	0.328%
75	11.266	3080	3087	3091	rBV6	1232	1480	0.07%	0.007%
76	11.317	3096	3103	3115	rVV	9174	14946	0.69%	0.074%
77	11.442	3137	3142	3149	rBV6	1621	2085	0.10%	0.010%
78	11.494	3149	3158	3174	rVB	22498	39525	1.82%	0.196%
79	11.610	3187	3194	3203	rBV4	1525	2654	0.12%	0.013%
80	11.725	3221	3230	3240	rBV4	13406	22266	1.03%	0.110%
81	11.841	3253	3266	3282	rVB	702366	1228314	56.56%	6.079%
82	12.089	3333	3343	3355	rBV2	31022	53896	2.48%	0.267%
83	12.221	3371	3384	3399	rBV	691472	1186008	54.61%	5.869%
84	12.397	3434	3439	3443	rBV6	1386	1443	0.07%	0.007%
85	12.439	3450	3452	3456	rVB3	839	436	0.02%	0.002%
86	12.471	3458	3462	3464	rBV2	682	504	0.02%	0.002%
87	12.484	3464	3466	3468	rBV2	661	357	0.02%	0.002%
88	12.532	3475	3481	3484	rBV6	836	1033	0.05%	0.005%
89	12.616	3501	3507	3510	rBV5	613	731	0.03%	0.004%
90	12.774	3552	3556	3559	rBV3	768	720	0.03%	0.004%
91	12.915	3594	3600	3607	rVB5	3379	3976	0.18%	0.020%
92	13.246	3697	3703	3706	rVB4	882	986	0.05%	0.005%
93	13.385	3743	3746	3747	rBV2	605	326	0.02%	0.002%
94	13.433	3758	3761	3763	rBV2	671	425	0.02%	0.002%
95	13.526	3786	3790	3791	rBV2	582	447	0.02%	0.002%
96	13.902	3905	3907	3909	rBV	540	304	0.01%	0.002%
97	14.159	3985	3987	3992	rVB4	872	463	0.02%	0.002%
98	14.320	4034	4037	4042	rBV4	938	834	0.04%	0.004%
99	14.458	4077	4080	4083	rBV4	1003	753	0.03%	0.004%
100	14.774	4175	4178	4181	rBV3	1031	885	0.04%	0.004%

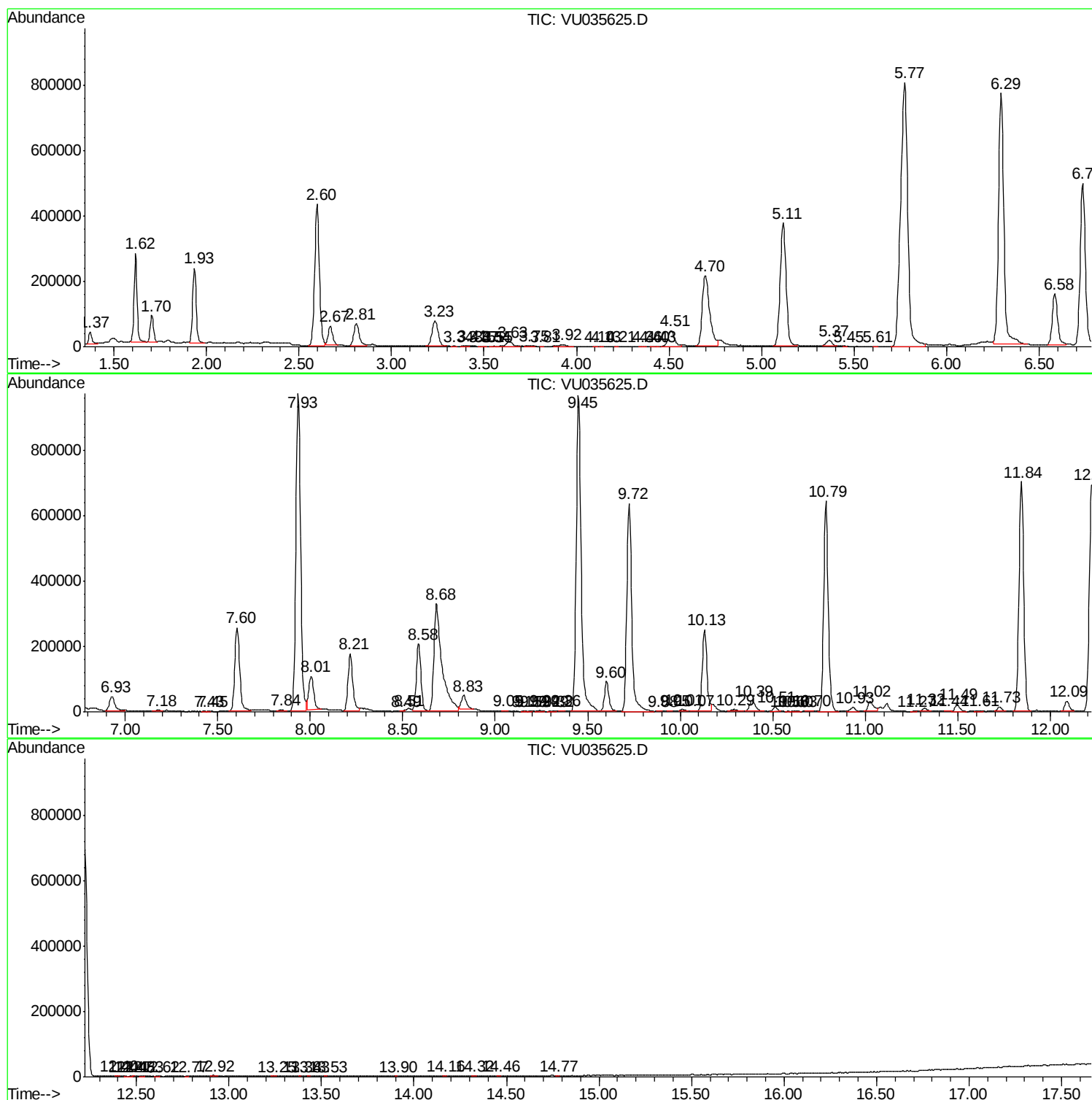
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis

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



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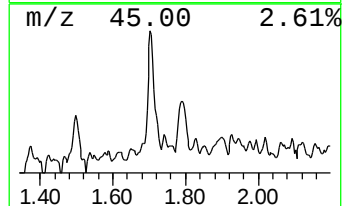
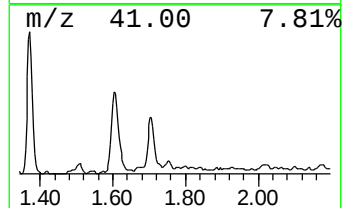
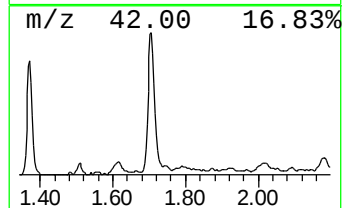
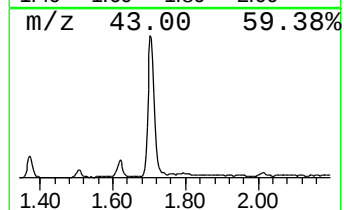
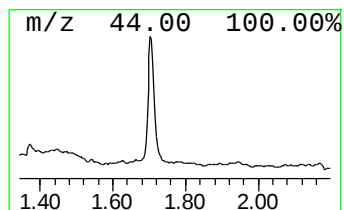
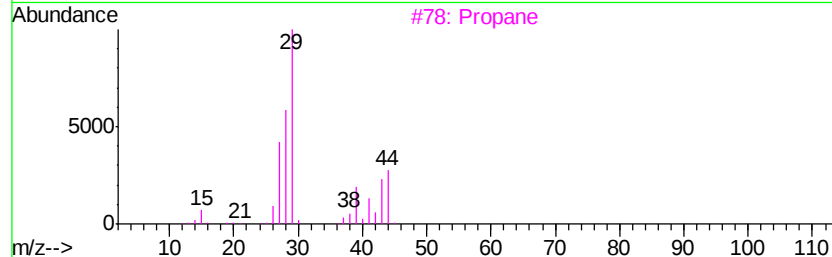
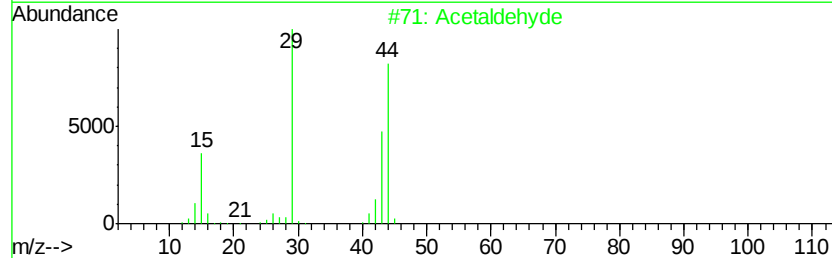
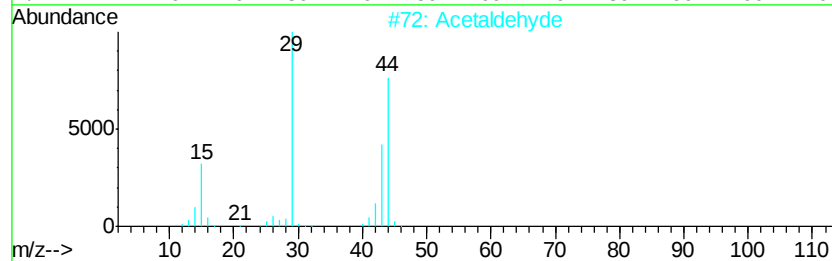
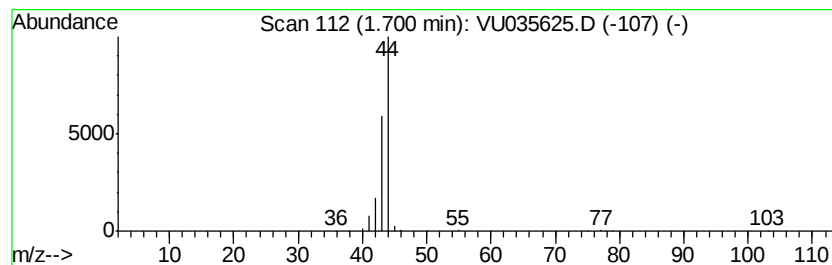
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Acetaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.70	3.09 ug/L	94849	1,4-Difluorobenzene	6.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde		44	C2H4O	000075-07-0	56
2	Acetaldehyde		44	C2H4O	000075-07-0	56
3	Propane		44	C3H8	000074-98-6	5
4	Ethylene oxide		44	C2H4O	000075-21-8	5
5	Ethylene oxide		44	C2H4O	000075-21-8	5



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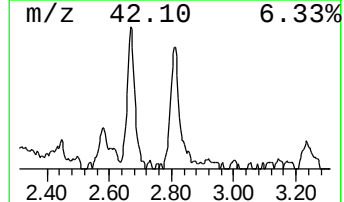
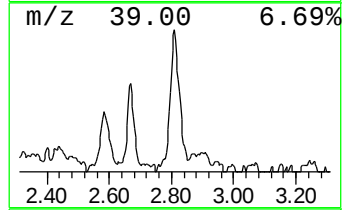
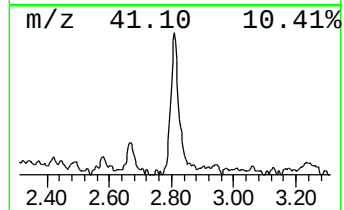
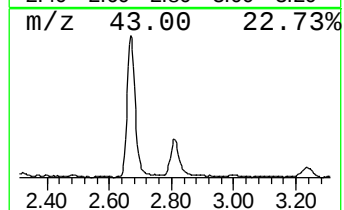
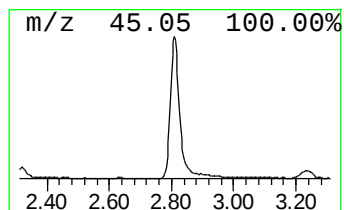
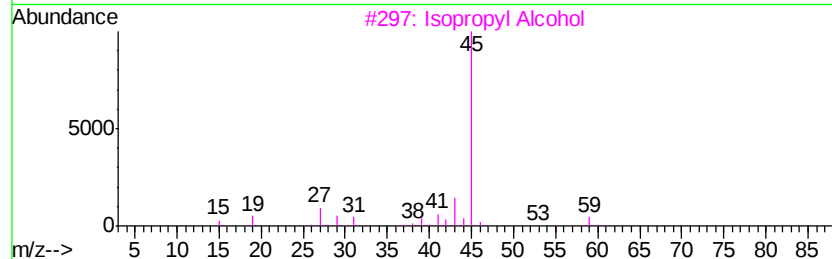
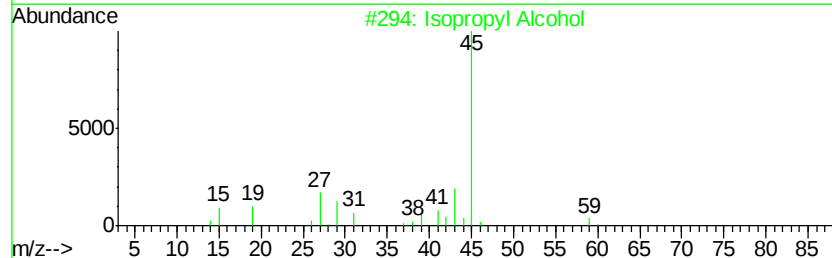
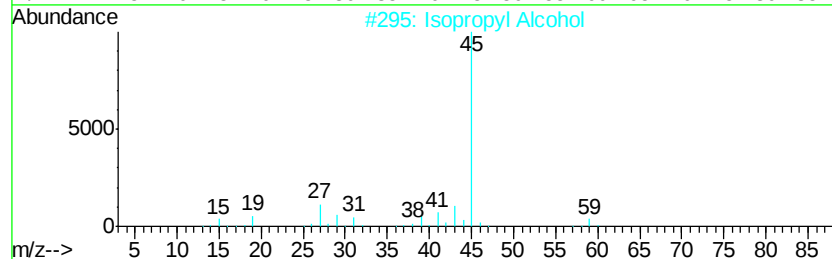
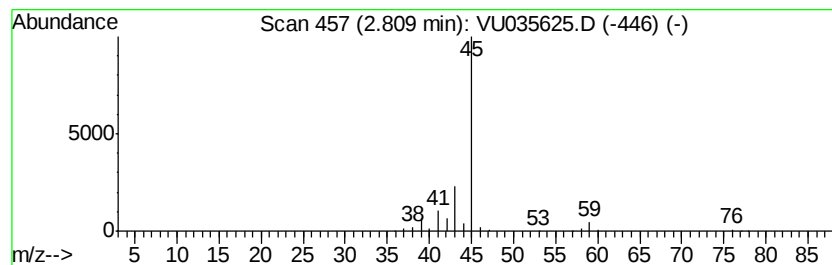
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Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.81	4.28 ug/L	131475	1,4-Difluorobenzene	6.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	56



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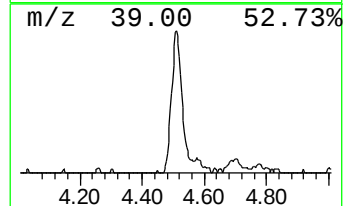
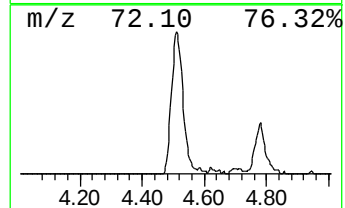
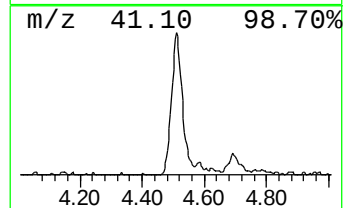
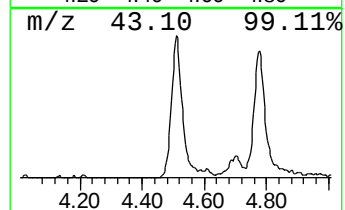
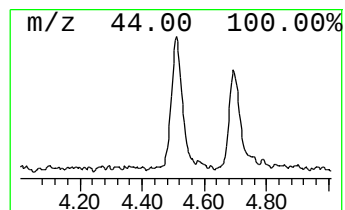
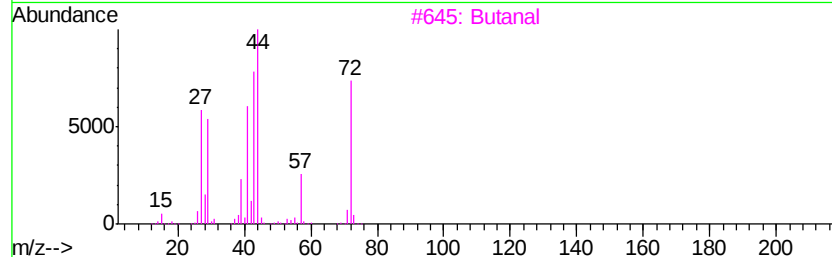
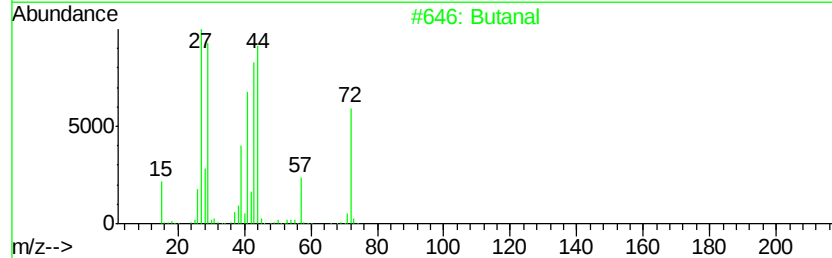
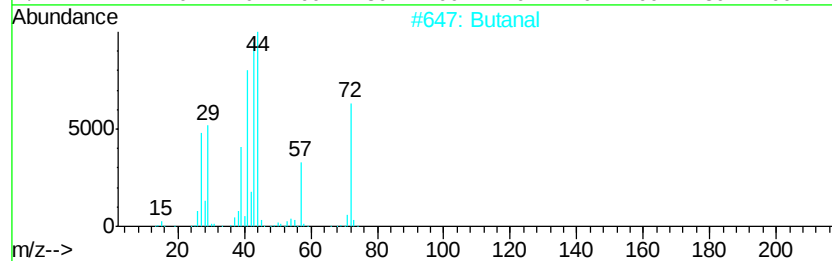
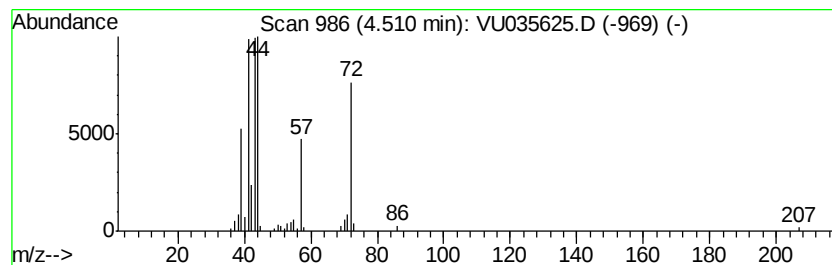
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	3.88 ug/L	119185	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	94
2		Butanal	72	C4H8O	000123-72-8	90
3		Butanal	72	C4H8O	000123-72-8	53
4		Propanal, 2-methyl-	72	C4H8O	000078-84-2	46
5		Butanal	72	C4H8O	000123-72-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
Data File : VU035625.D
Acq On : 05 Nov 2019 13:05
Operator : JC/SP
Sample : K5631-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE882

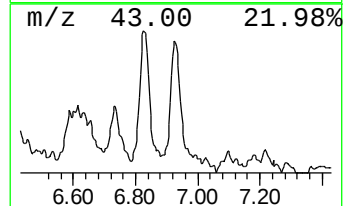
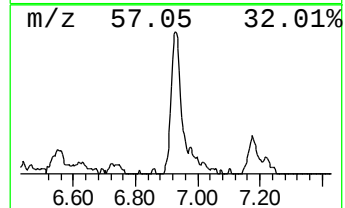
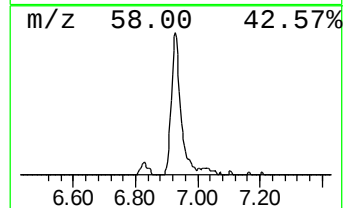
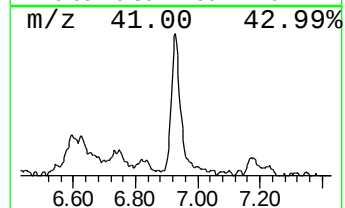
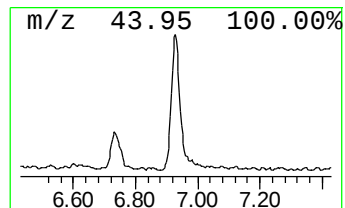
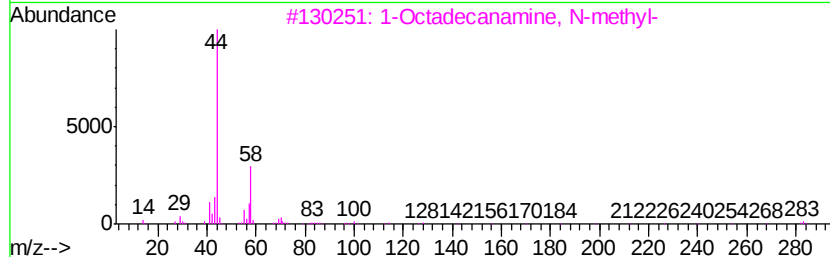
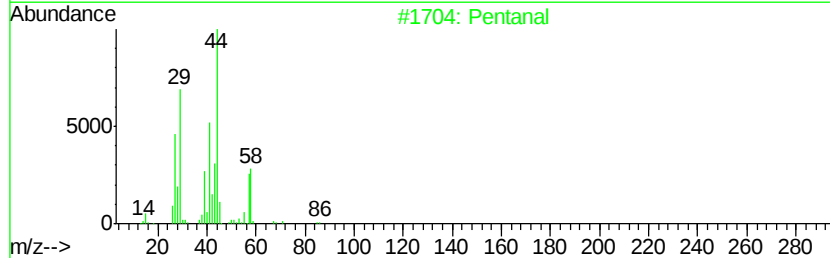
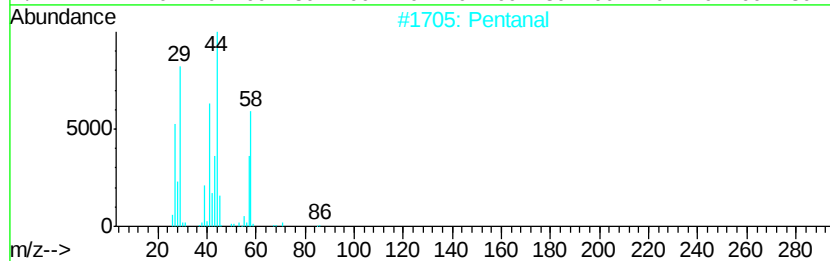
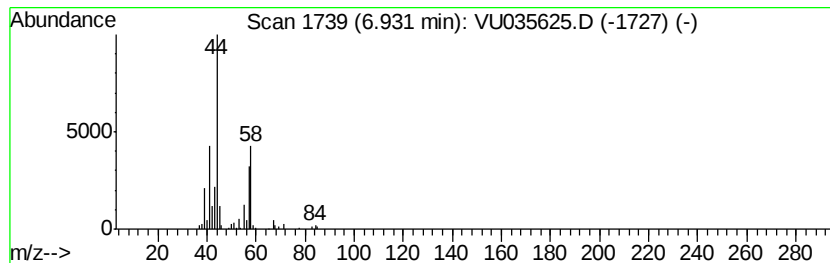
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Quant Title : VOC Analysis

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

Peak Number 5 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	2.82 ug/L	86625	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	78
2		Pentanal	86	C5H10O	000110-62-3	64
3		1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	43
4		Cyclopropyl carbinol	72	C4H8O	002516-33-8	40
5		2-Propanamine	59	C3H9N	000075-31-0	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
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Sample : K5631-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE882

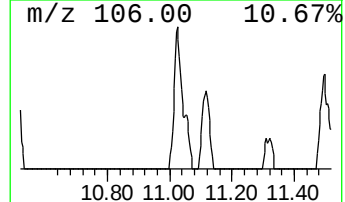
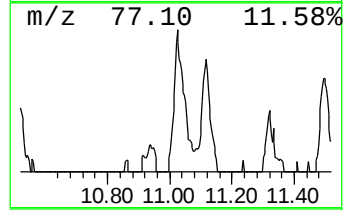
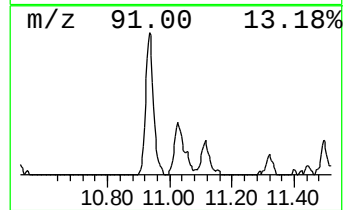
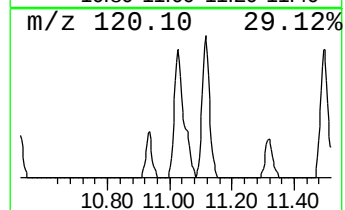
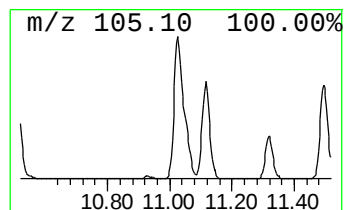
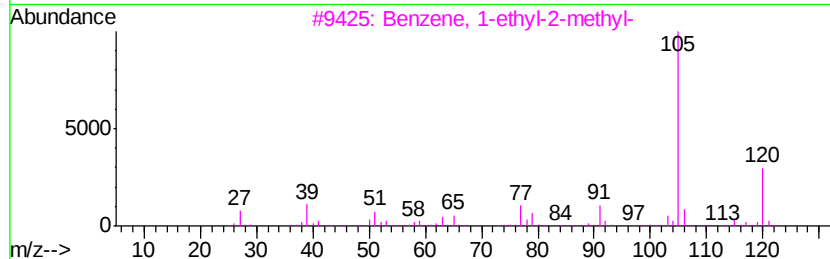
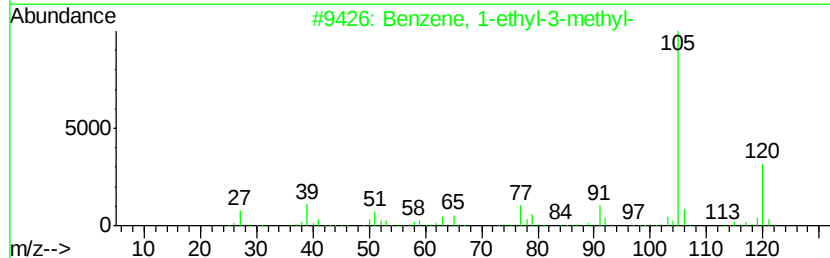
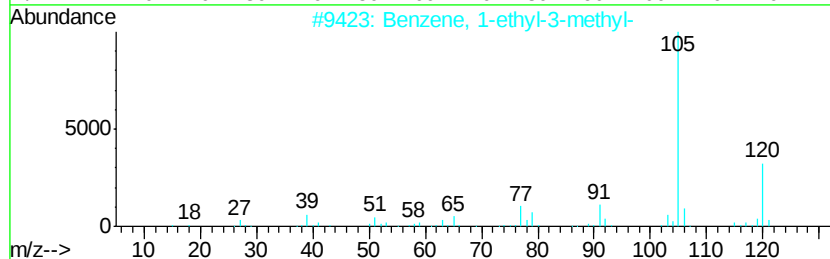
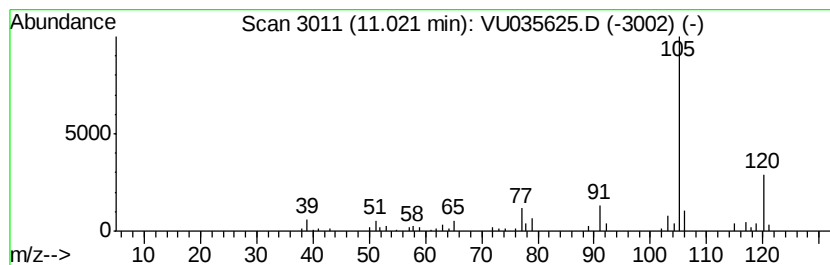
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.70 ug/L	66323	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-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE882

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
Acetaldehyde	1.70	3.1	ug/L	94849	1	6.29	1536750	50.0
Isopropyl Alcohol	2.81	4.3	ug/L	131475	1	6.29	1536750	50.0
Butanal	4.51	3.9	ug/L	119185	1	6.29	1536750	50.0
Pentanal	6.93	2.8	ug/L	86625	1	6.29	1536750	50.0
Benzene, 1-ethyl-...	11.02	2.7	ug/L	66323	3	11.84	1228310	50.0