

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038044.D
 Acq On : 07 May 2020 17:21
 Operator : JC/MD
 Sample : L2526-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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\SOMUTR050720WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.369	3	9	22	rBV	126018	131131	9.69%	1.132%
2	1.610	74	84	99	rBV	160300	179001	13.23%	1.546%
3	1.929	175	183	194	rVB	132540	171056	12.64%	1.477%
4	2.591	376	389	400	rBV	220084	359280	26.55%	3.102%
5	2.652	400	408	425	rVB	31196	56367	4.16%	0.487%
6	2.784	438	449	470	rBV	76148	139881	10.34%	1.208%
7	3.218	566	584	602	rBV	27309	63051	4.66%	0.544%
8	3.395	625	639	653	rVB4	15272	33587	2.48%	0.290%
9	3.732	731	744	760	rBV3	16528	37607	2.78%	0.325%
10	4.568	986	1004	1019	rBV3	20566	48998	3.62%	0.423%
11	4.668	1019	1035	1074	rVV3	278527	784081	57.93%	6.771%
12	4.845	1075	1090	1117	rVB	125825	281555	20.80%	2.431%
13	5.102	1153	1170	1190	rBV3	239871	575914	42.55%	4.973%
14	5.424	1255	1270	1286	rVB4	16764	39266	2.90%	0.339%
15	5.758	1353	1374	1393	rBV2	440501	1134856	83.85%	9.800%
16	6.279	1521	1536	1558	rBV	393222	761281	56.25%	6.574%
17	6.572	1612	1627	1642	rBV	137978	259213	19.15%	2.238%
18	6.719	1659	1673	1691	rBV	276660	538063	39.76%	4.646%
19	7.067	1766	1781	1796	rBV2	68593	122563	9.06%	1.058%
20	7.591	1929	1944	1960	rBV	135164	232821	17.20%	2.010%
21	7.922	2028	2047	2083	rBV	532413	980845	72.47%	8.470%
22	8.202	2121	2134	2146	rBV2	80410	134300	9.92%	1.160%
23	8.575	2242	2250	2261	rBV6	9777	16015	1.18%	0.138%
24	8.655	2261	2275	2316	rBV	709368	1353387	100.00%	11.687%
25	9.436	2504	2518	2538	rBV	560713	959814	70.92%	8.288%
26	10.771	2922	2933	2950	rVB	197434	318178	23.51%	2.747%
27	11.825	3248	3261	3280	rVB	574598	911248	67.33%	7.869%
28	12.083	3332	3341	3353	rBV6	7848	15005	1.11%	0.130%
29	12.205	3366	3379	3394	rBV	524841	832588	61.52%	7.189%
30	17.378	4976	4988	5001	rBV3	59597	109740	8.11%	0.948%

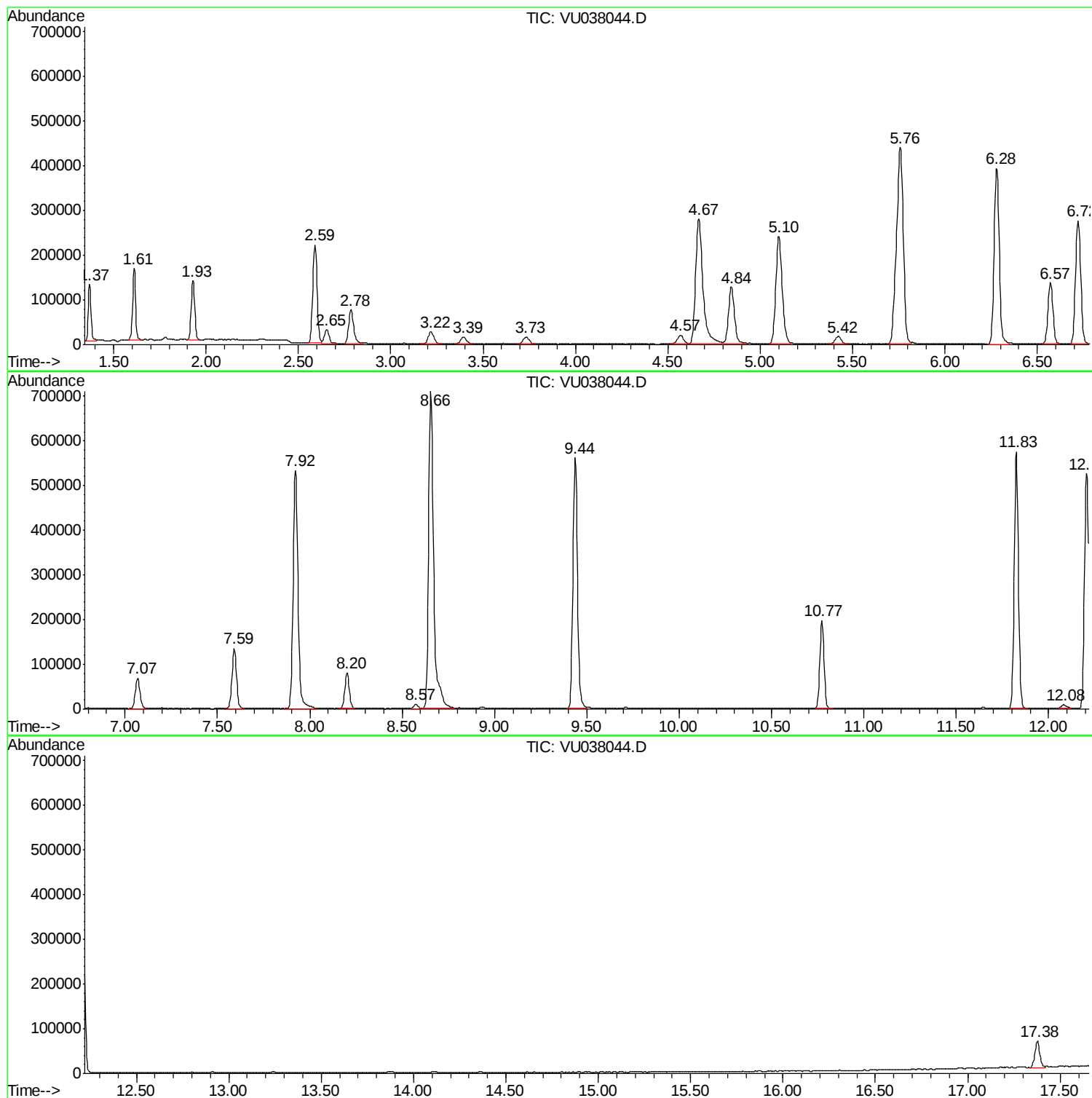
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ClientSampleId :
BFSH4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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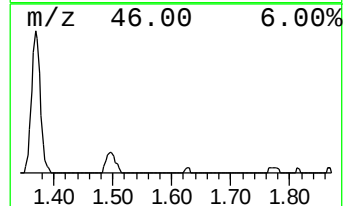
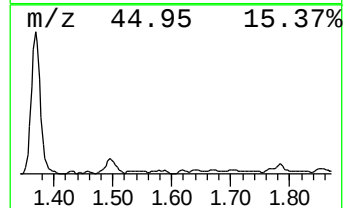
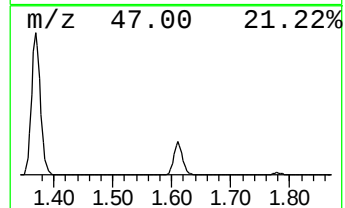
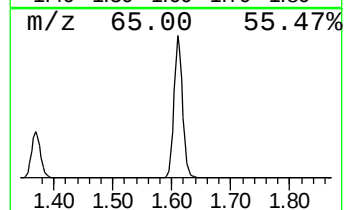
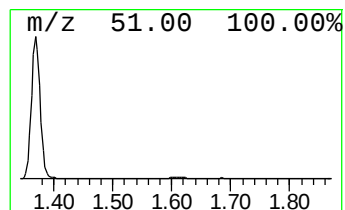
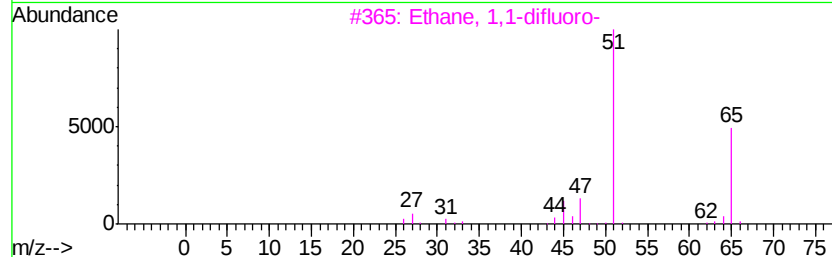
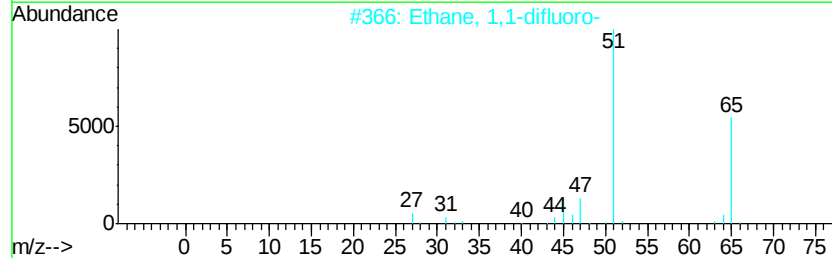
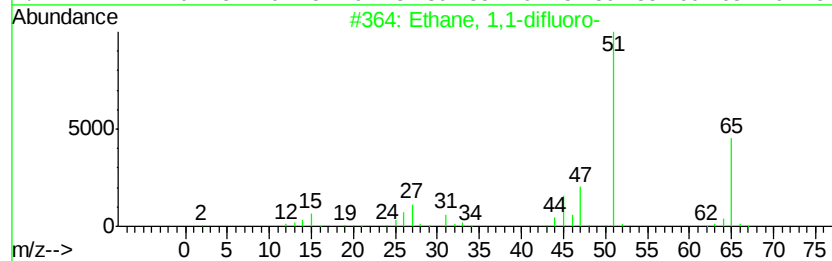
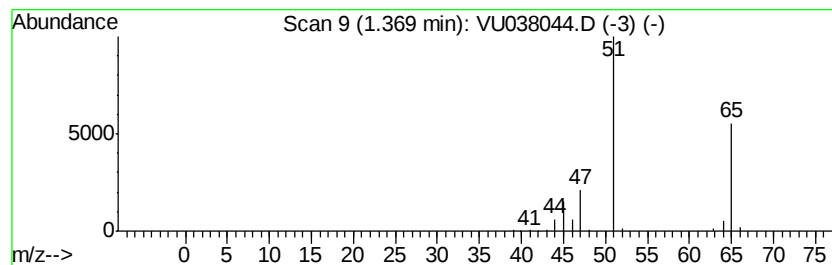
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.86 ug/L	131131	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4			Propiolonitrile	51	C3HN	001070-71-9	3
5			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2



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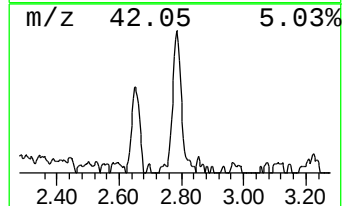
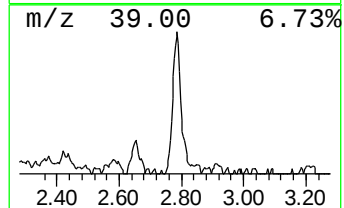
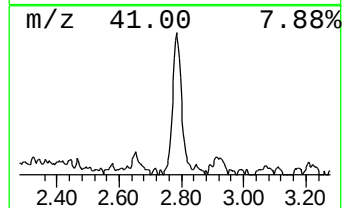
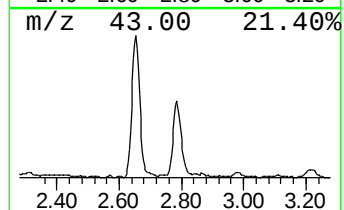
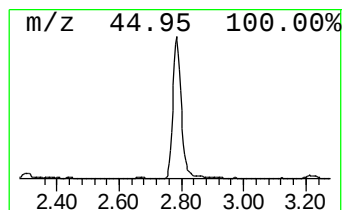
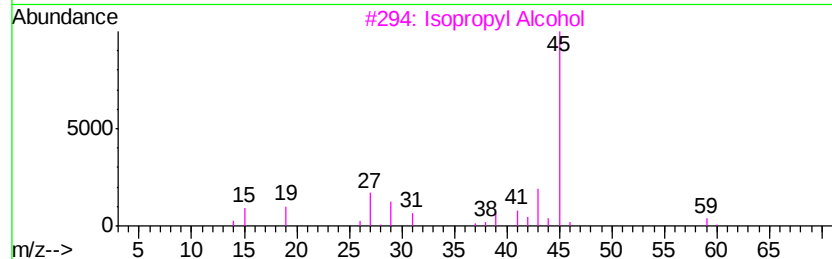
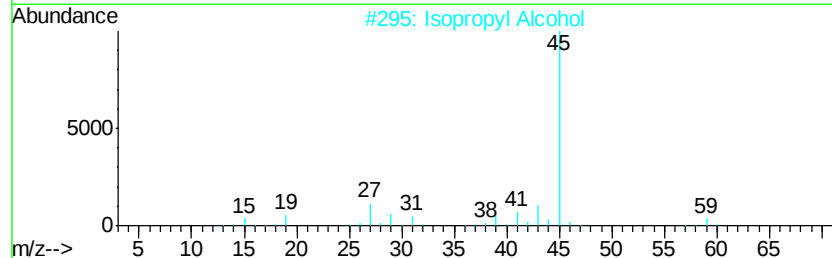
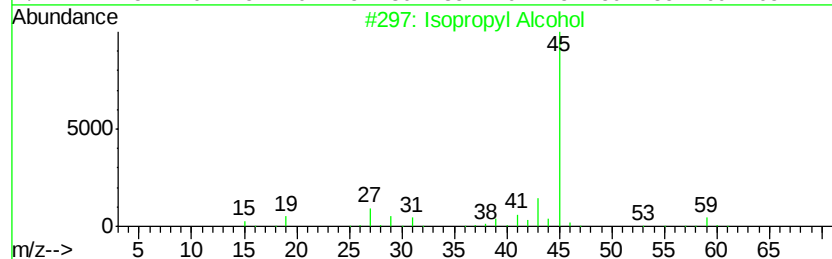
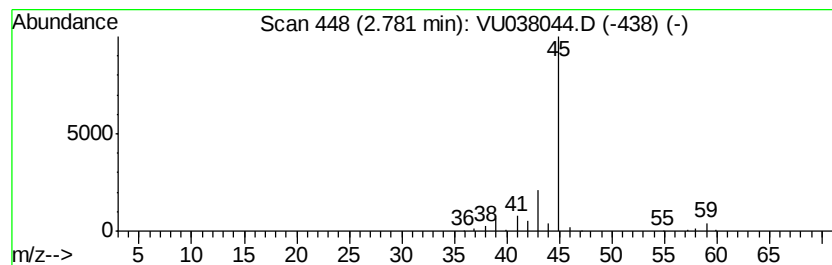
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Quant Title : TRACE VOA SOM01.0

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.
2.78	0.92 ug/L	139881	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	90
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
5			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43



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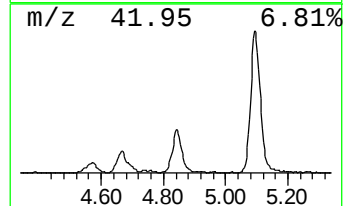
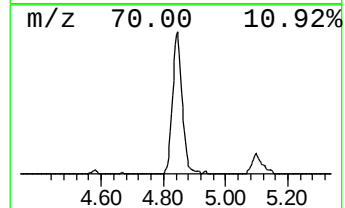
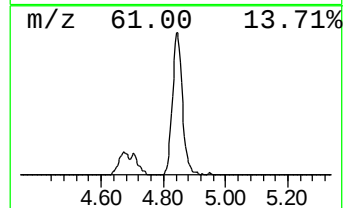
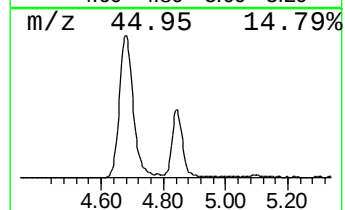
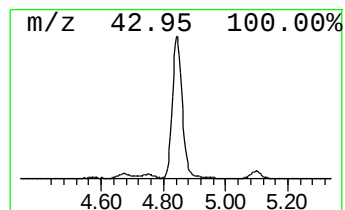
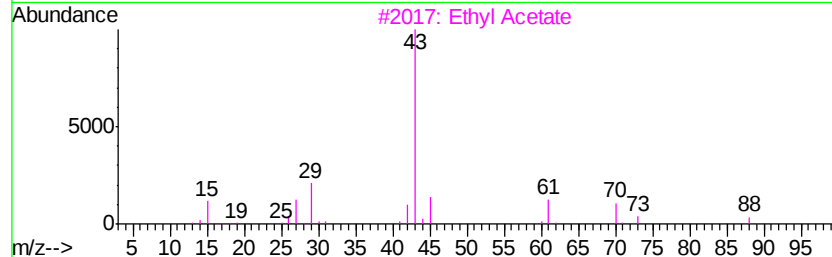
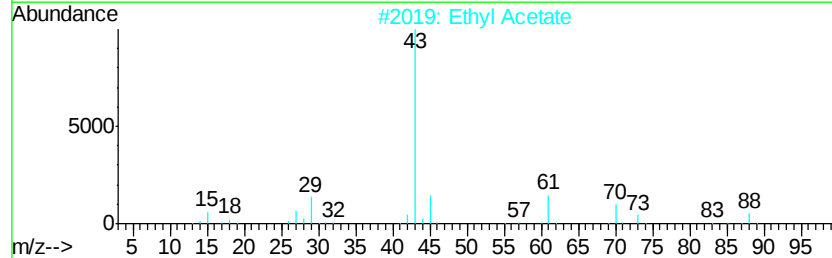
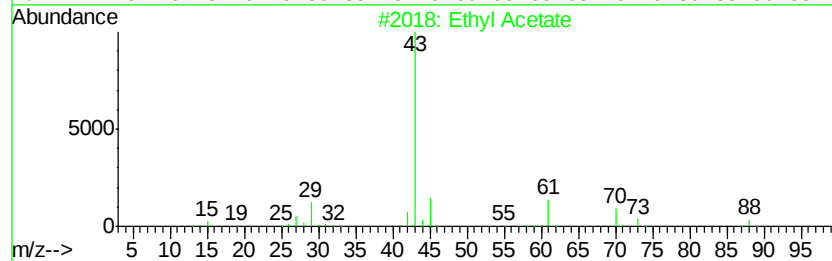
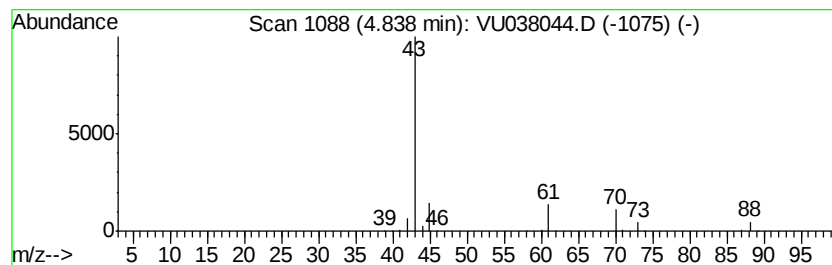
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	1.85 ug/L	281555	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	72
4		Ethyl Acetate	88	C4H8O2	000141-78-6	59
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50



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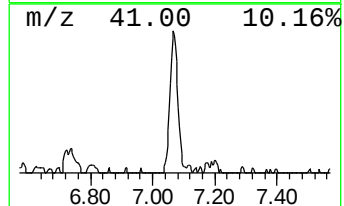
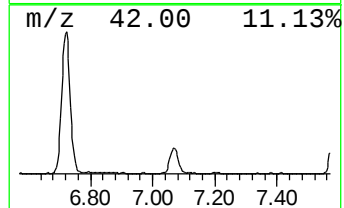
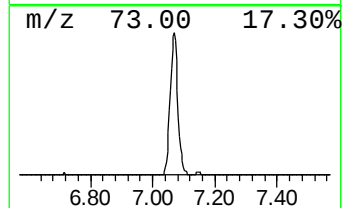
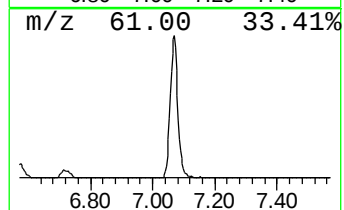
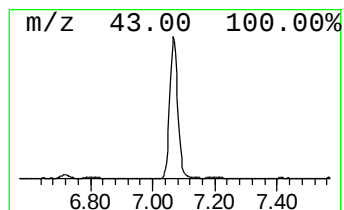
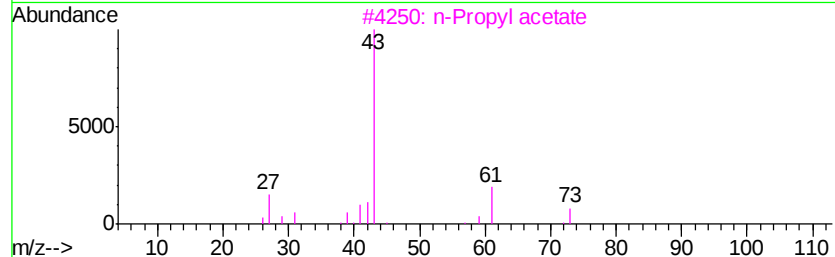
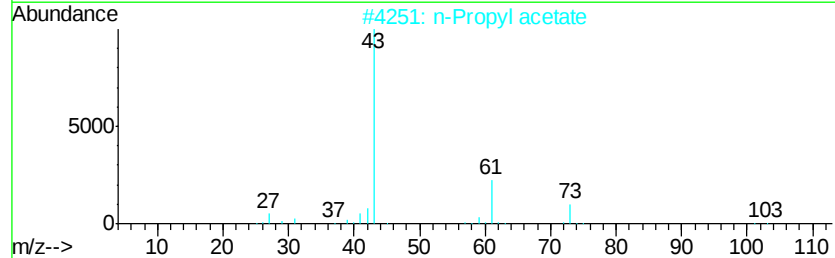
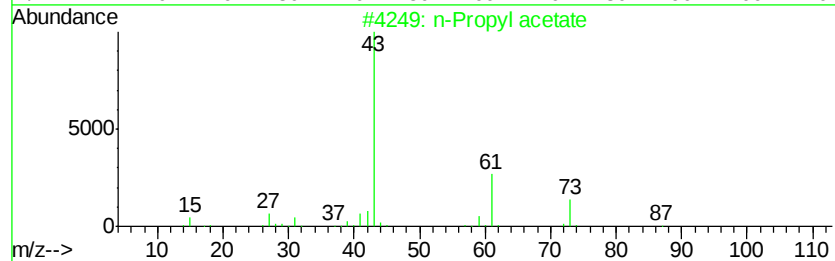
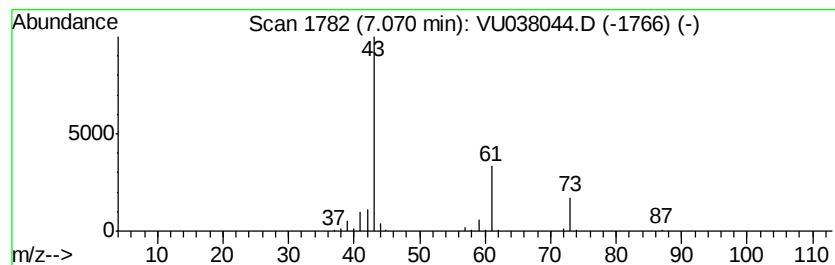
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	0.80 ug/L	122563	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2		n-Propyl acetate	102	C5H10O2	000109-60-4	78
3		n-Propyl acetate	102	C5H10O2	000109-60-4	38
4		Oxirane, 2,3-dimethyl-, cis-	72	C4H8O	001758-33-4	9
5		Isopropyl acetate	102	C5H10O2	000108-21-4	9



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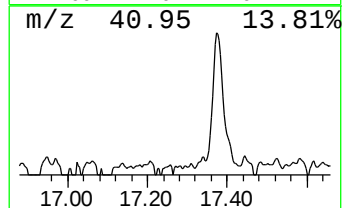
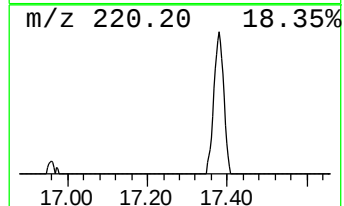
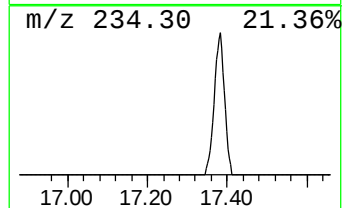
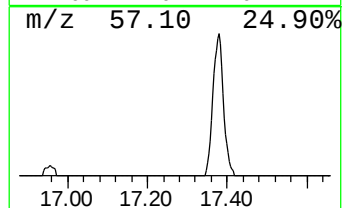
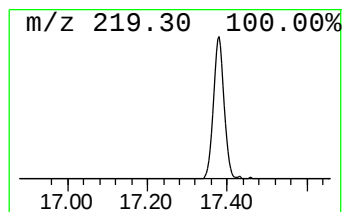
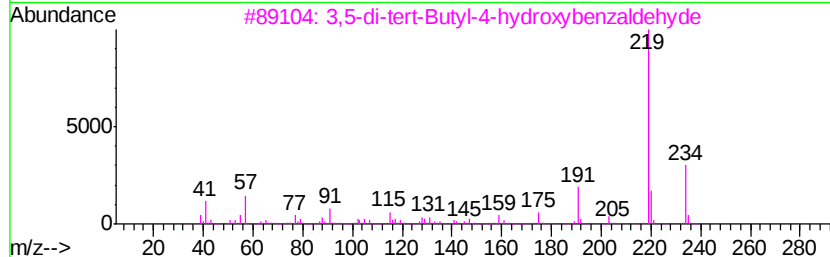
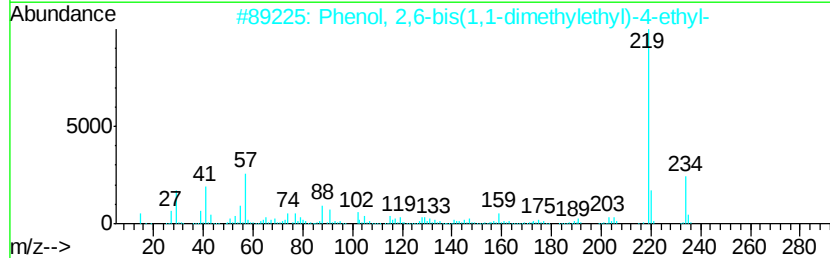
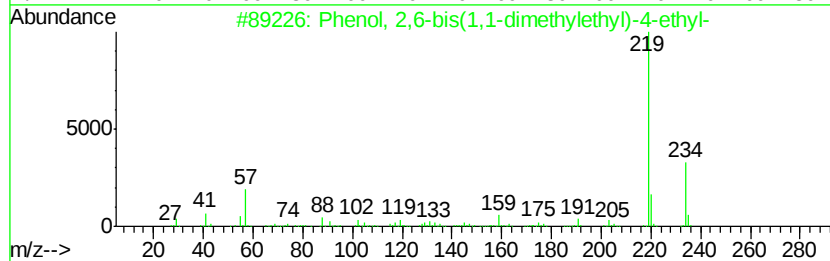
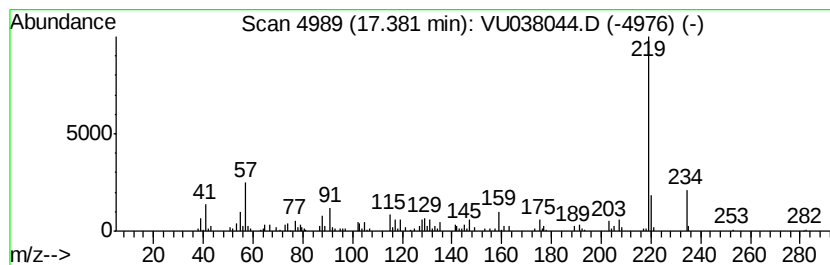
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.60 ug/L	109740	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
2		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	90
3		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87
4		4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	74
5		3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.9	ug/L	131131	1	6.28	761281	5.0
Isopropyl Alcohol	2.78	0.9	ug/L	139881	1	6.28	761281	5.0
Ethyl Acetate	4.84	1.9	ug/L	281555	1	6.28	761281	5.0
n-Propyl acetate	7.07	0.8	ug/L	122563	1	6.28	761281	5.0
Phenol, 2,6-bis(1...	17.38	0.6	ug/L	109740	3	11.83	911248	5.0