

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038056.D
 Acq On : 07 May 2020 21:59
 Operator : JC/MD
 Sample : L2527-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK6

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	18	rBV	114478	115155	7.54%	0.859%
2	1.610	75	84	97	rBV	218993	243872	15.96%	1.818%
3	1.929	175	183	202	rVB	173341	223615	14.64%	1.667%
4	2.591	376	389	401	rBV	296375	477590	31.26%	3.561%
5	2.652	401	408	421	rVB2	16472	27824	1.82%	0.207%
6	2.784	435	449	466	rBV	54422	105835	6.93%	0.789%
7	3.218	570	584	598	rBV	18748	42711	2.80%	0.318%
8	3.392	625	638	653	rBV4	16778	40822	2.67%	0.304%
9	3.732	729	744	760	rBV4	21773	48778	3.19%	0.364%
10	4.572	989	1005	1018	rBV3	15011	35341	2.31%	0.264%
11	4.665	1018	1034	1072	rBV3	288940	767605	50.24%	5.724%
12	4.842	1075	1089	1111	rVB2	187278	405868	26.57%	3.026%
13	5.099	1153	1169	1193	rBV3	269493	650846	42.60%	4.853%
14	5.417	1255	1268	1285	rBV4	17841	42012	2.75%	0.313%
15	5.758	1353	1374	1395	rBV2	525892	1350937	88.43%	10.073%
16	6.279	1521	1536	1563	rBV	449734	861901	56.42%	6.427%
17	6.571	1613	1627	1646	rBV2	96775	187988	12.30%	1.402%
18	6.719	1657	1673	1692	rBV	330758	638289	41.78%	4.759%
19	7.067	1764	1781	1799	rBV	140953	248707	16.28%	1.855%
20	7.591	1930	1944	1965	rBV	165165	288270	18.87%	2.150%
21	7.922	2032	2047	2084	rBV	642866	1174974	76.91%	8.761%
22	8.202	2120	2134	2151	rBV	101265	168202	11.01%	1.254%
23	8.575	2240	2250	2260	rBV2	18763	30448	1.99%	0.227%
24	8.655	2260	2275	2317	rBV	790182	1527766	100.00%	11.392%
25	9.436	2500	2518	2553	rVB	646139	1110412	72.68%	8.280%
26	10.771	2921	2933	2950	rVB	224906	365712	23.94%	2.727%
27	11.825	3248	3261	3278	rBV	658709	1060197	69.40%	7.906%
28	12.079	3328	3340	3359	rBV7	8128	18585	1.22%	0.139%
29	12.205	3365	3379	3396	rBV	600409	967044	63.30%	7.211%
30	17.378	4977	4988	5002	rBV	98119	183565	12.02%	1.369%

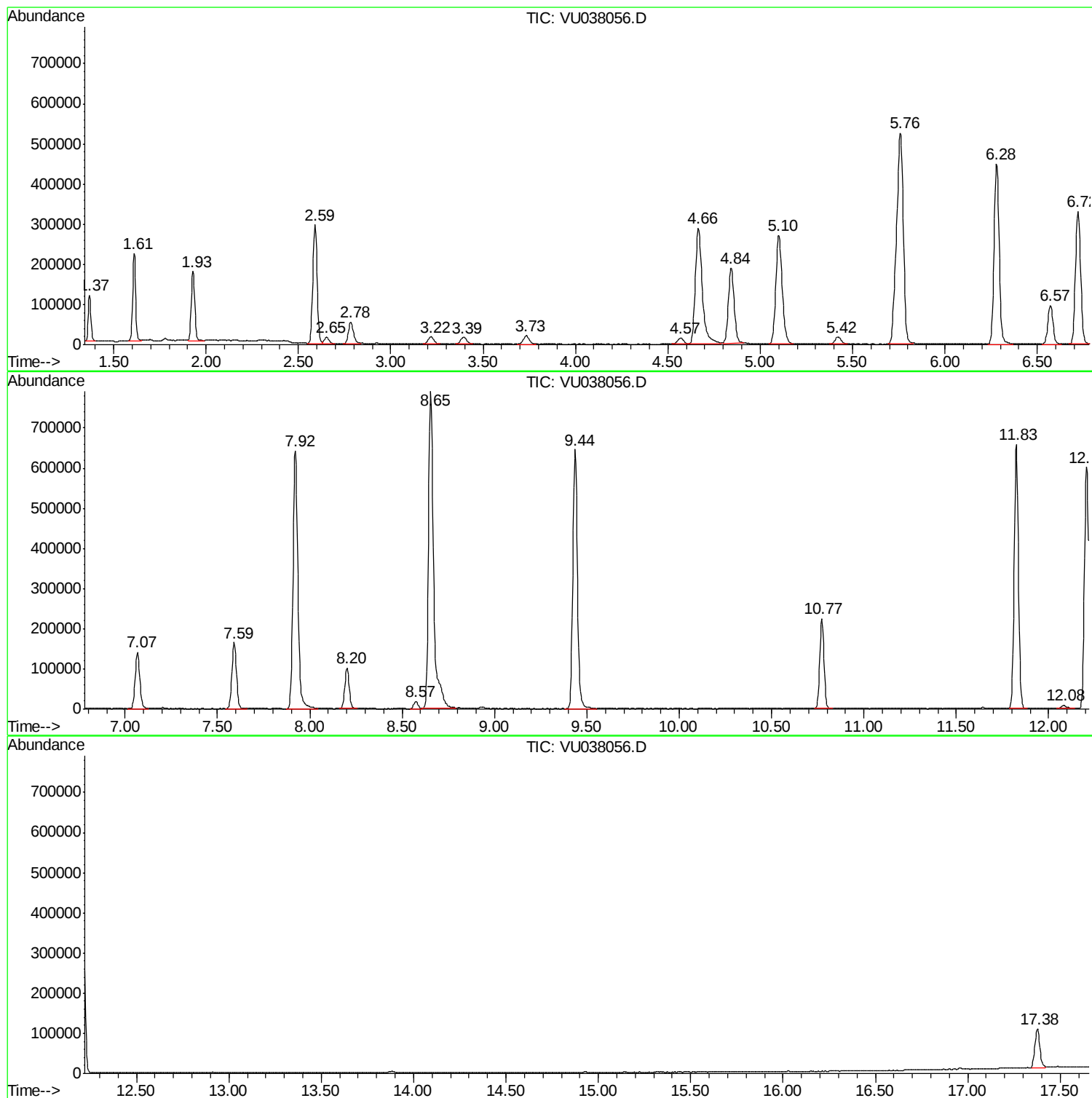
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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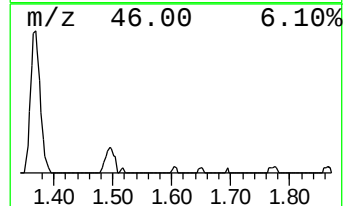
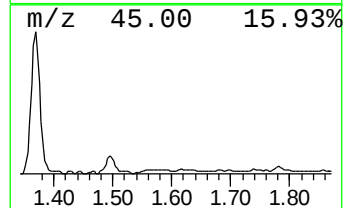
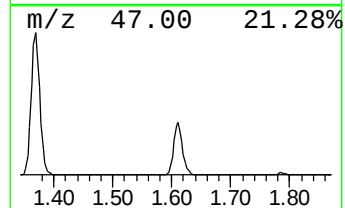
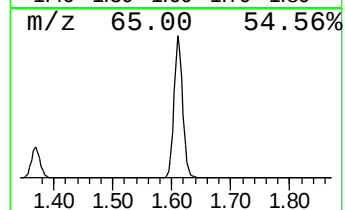
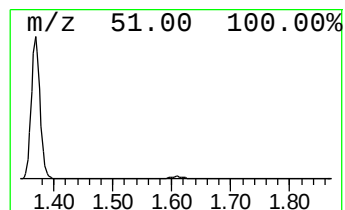
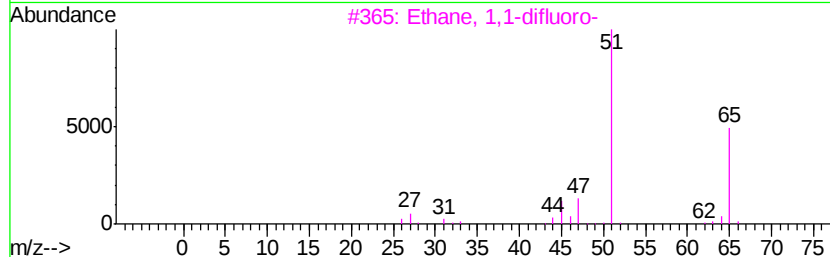
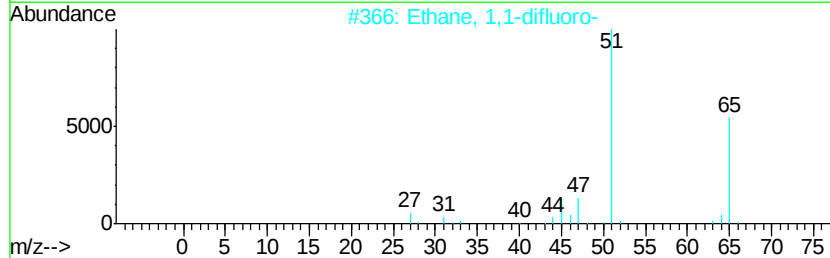
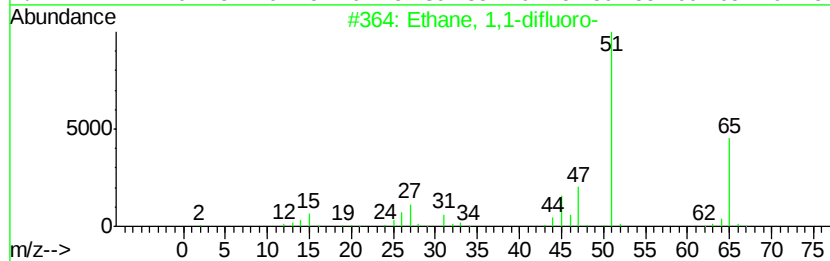
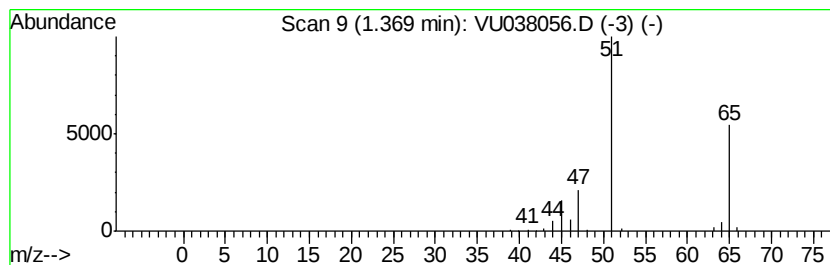
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.67 ug/L	115155	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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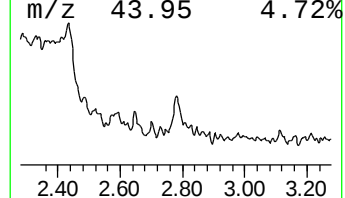
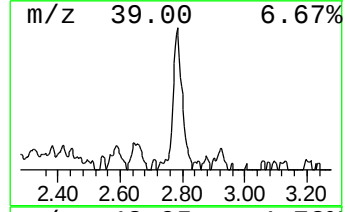
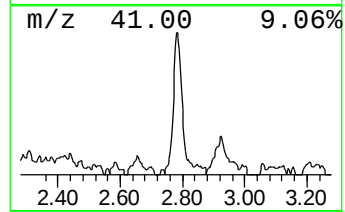
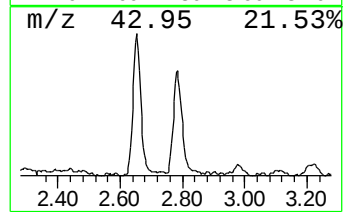
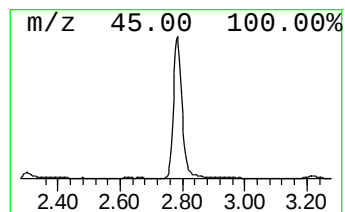
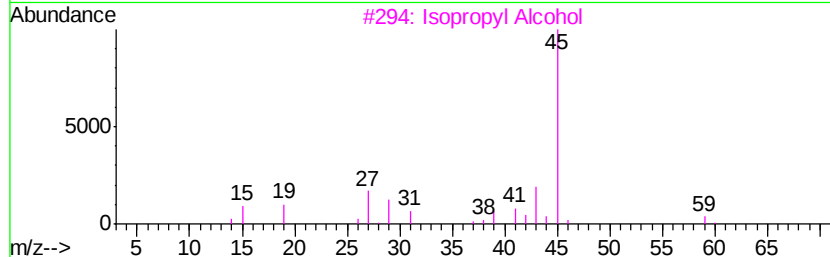
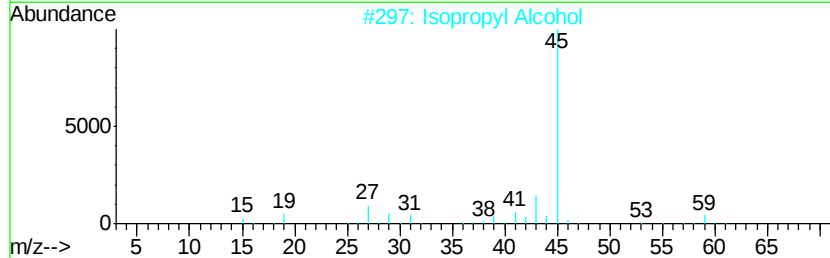
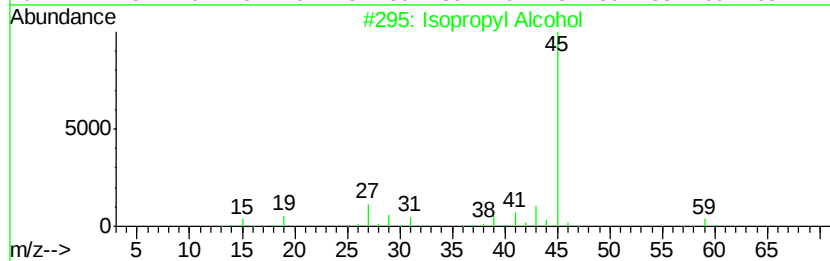
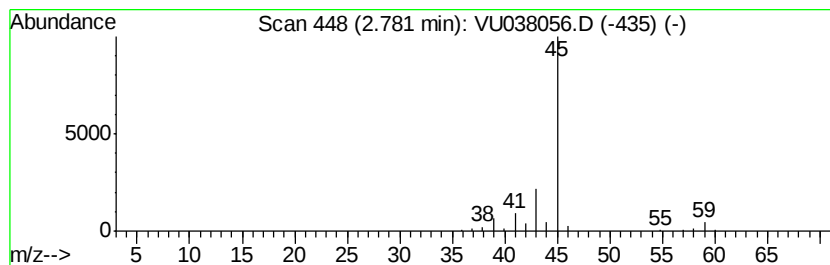
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.61 ug/L	105835	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			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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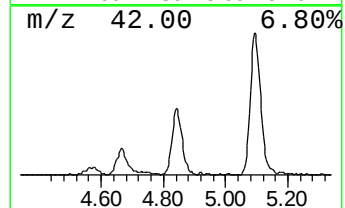
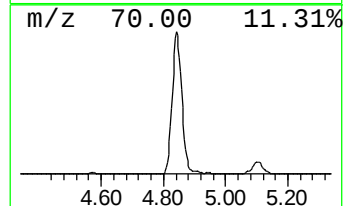
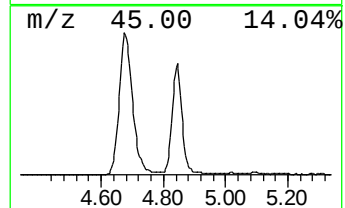
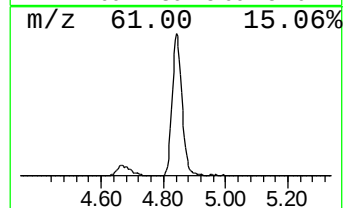
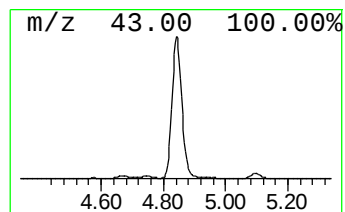
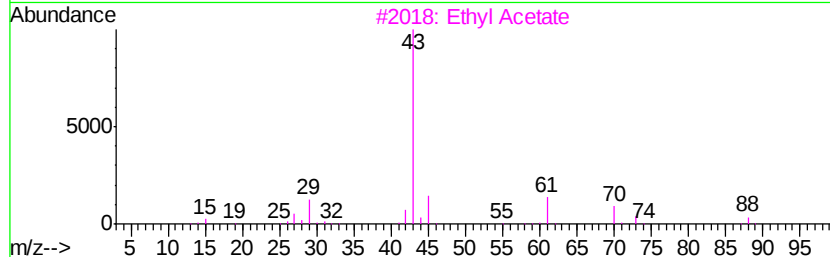
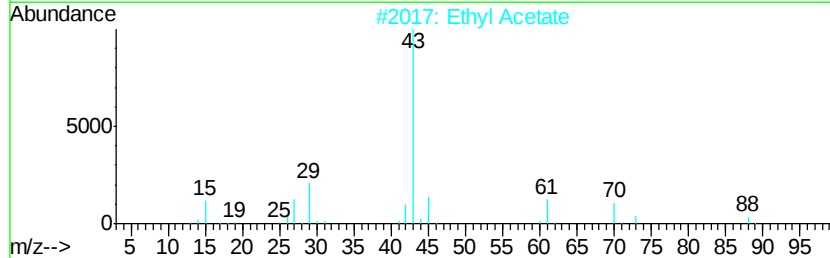
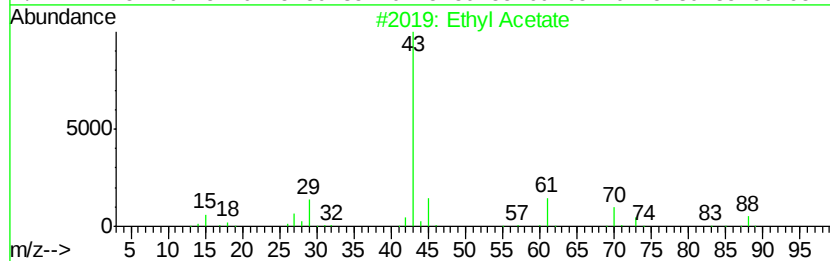
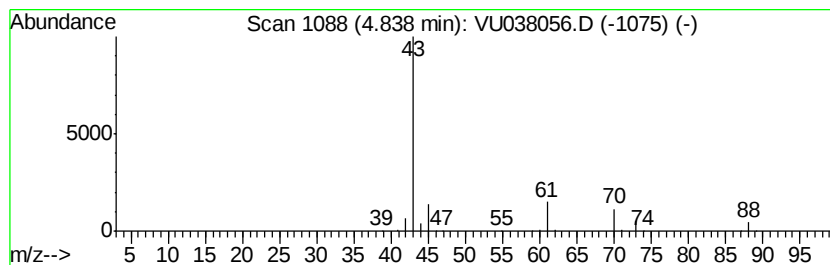
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.35 ug/L	405868	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	83
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33



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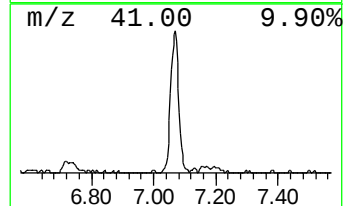
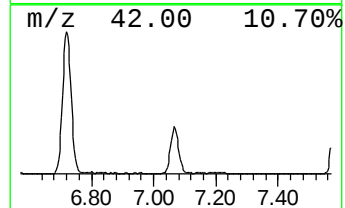
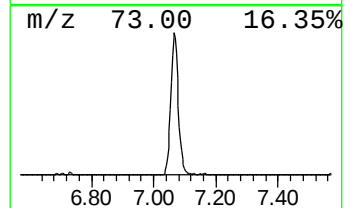
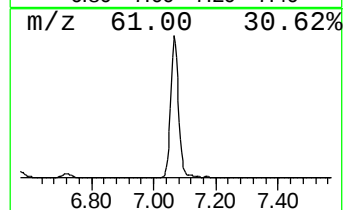
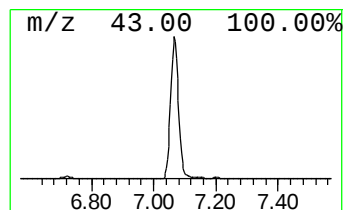
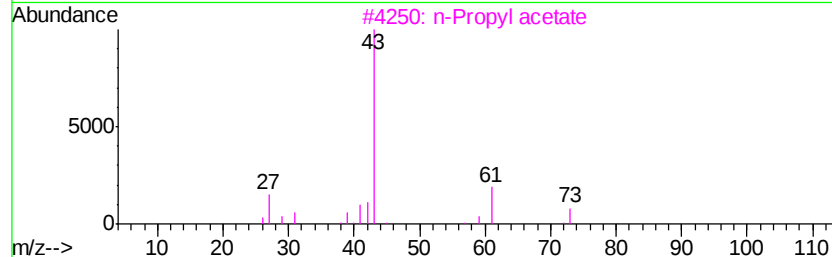
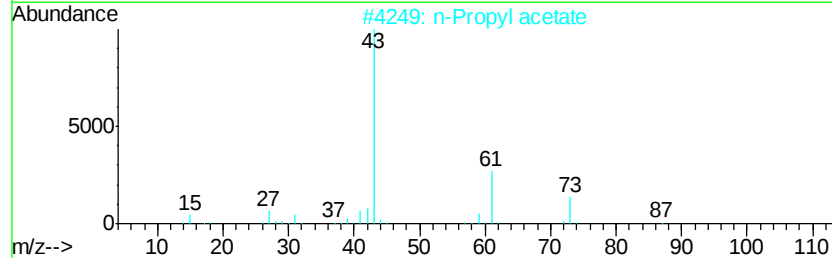
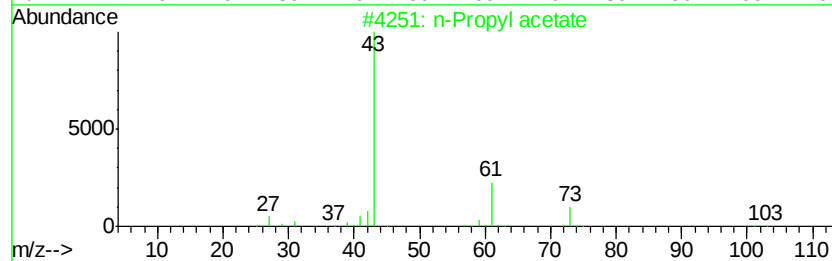
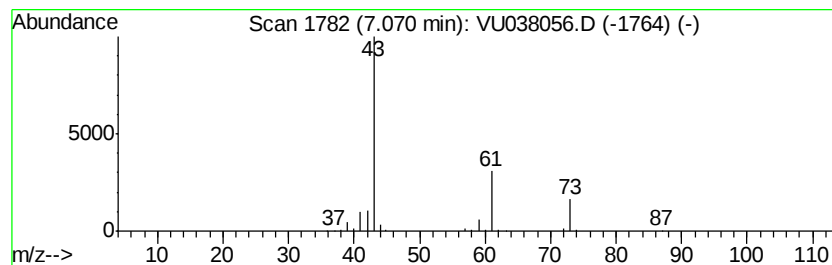
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.44 ug/L	248707	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Propyl acetate	102	C5H10O2	000109-60-4	83
2			n-Propyl acetate	102	C5H10O2	000109-60-4	83
3			n-Propyl acetate	102	C5H10O2	000109-60-4	78
4			Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9
5			1-Butanamine	73	C4H11N	000109-73-9	7



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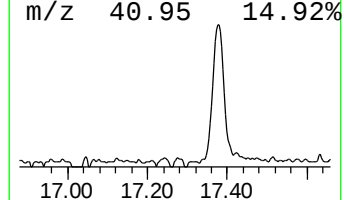
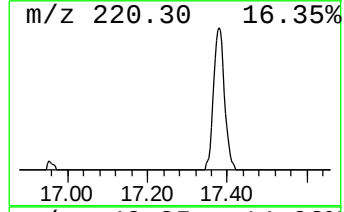
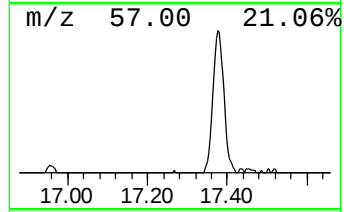
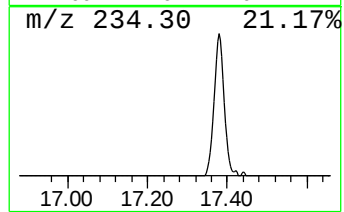
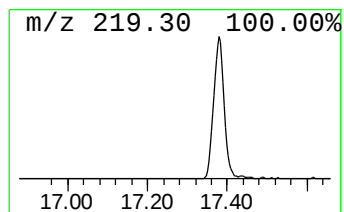
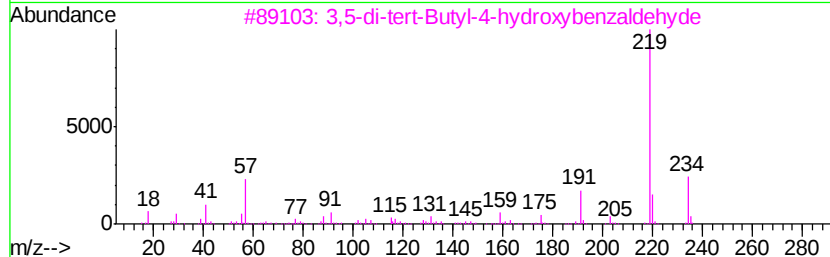
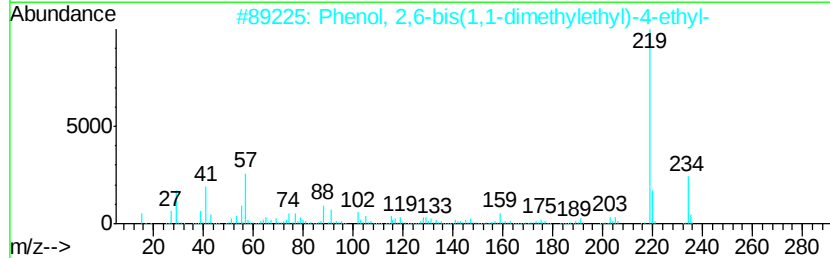
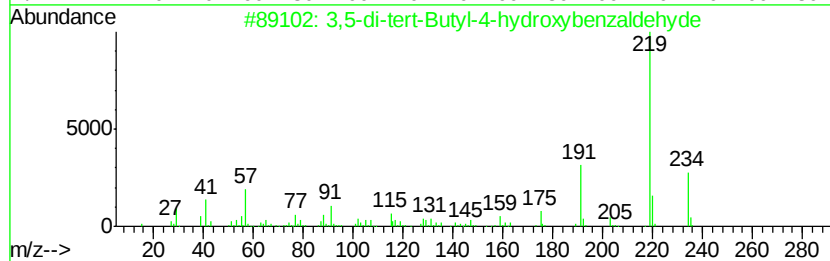
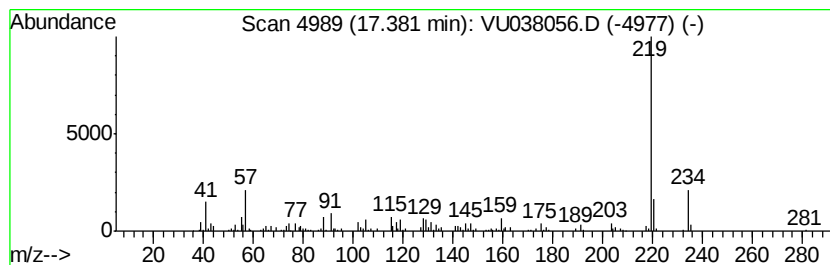
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.87 ug/L	183565	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
2		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
3		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
4		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
5		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.7	ug/L	115155	1	6.28	861901	5.0
Isopropyl Alcohol	2.78	0.6	ug/L	105835	1	6.28	861901	5.0
Ethyl Acetate	4.84	2.4	ug/L	405868	1	6.28	861901	5.0
n-Propyl acetate	7.07	1.4	ug/L	248707	1	6.28	861901	5.0
3,5-di-tert-Butyl...	17.38	0.9	ug/L	183565	3	11.83	1060200	5.0