

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038061.D
 Acq On : 08 May 2020 00:42
 Operator : JC/MD
 Sample : L2528-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK8

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	20	rBV	116111	115067	7.56%	0.846%
2	1.610	74	84	94	rBV	218069	242505	15.93%	1.784%
3	1.928	174	183	199	rVB	169911	216420	14.21%	1.592%
4	2.591	376	389	400	rBV	285005	462970	30.40%	3.405%
5	2.652	400	408	424	rVB	26928	47656	3.13%	0.351%
6	2.784	433	449	469	rBV2	53425	104434	6.86%	0.768%
7	3.214	569	583	598	rBV	17042	38460	2.53%	0.283%
8	3.395	624	639	656	rBV4	18434	41997	2.76%	0.309%
9	3.729	729	743	762	rBV4	24798	55447	3.64%	0.408%
10	4.568	990	1004	1019	rVB2	23718	54730	3.59%	0.403%
11	4.665	1019	1034	1074	rBV2	299070	764534	50.21%	5.624%
12	4.841	1074	1089	1112	rVB2	206805	454356	29.84%	3.342%
13	5.099	1151	1169	1191	rBV2	290275	665346	43.69%	4.894%
14	5.420	1255	1269	1285	rBV2	36837	82780	5.44%	0.609%
15	5.758	1349	1374	1401	rBV2	513877	1324498	86.98%	9.742%
16	6.279	1520	1536	1562	rBV	496346	943389	61.95%	6.939%
17	6.568	1614	1626	1639	rBV5	21547	40720	2.67%	0.300%
18	6.719	1654	1673	1693	rBV	327599	632181	41.52%	4.650%
19	7.066	1767	1781	1802	rBV	181449	319639	20.99%	2.351%
20	7.591	1929	1944	1961	rBV	162511	284636	18.69%	2.094%
21	7.922	2031	2047	2081	rBV	631594	1140525	74.90%	8.389%
22	8.201	2122	2134	2149	rBV2	101071	166851	10.96%	1.227%
23	8.571	2239	2249	2261	rBV2	28375	49261	3.23%	0.362%
24	8.655	2261	2275	2315	rVV	809158	1522777	100.00%	11.201%
25	9.436	2503	2518	2539	rBV	705413	1194669	78.45%	8.788%
26	10.770	2920	2933	2950	rVB	223353	363234	23.85%	2.672%
27	11.825	3248	3261	3278	rBV	735618	1151278	75.60%	8.468%
28	12.204	3364	3379	3399	rVB	596831	953775	62.63%	7.016%
29	17.378	4978	4988	5002	rVB2	86867	160927	10.57%	1.184%

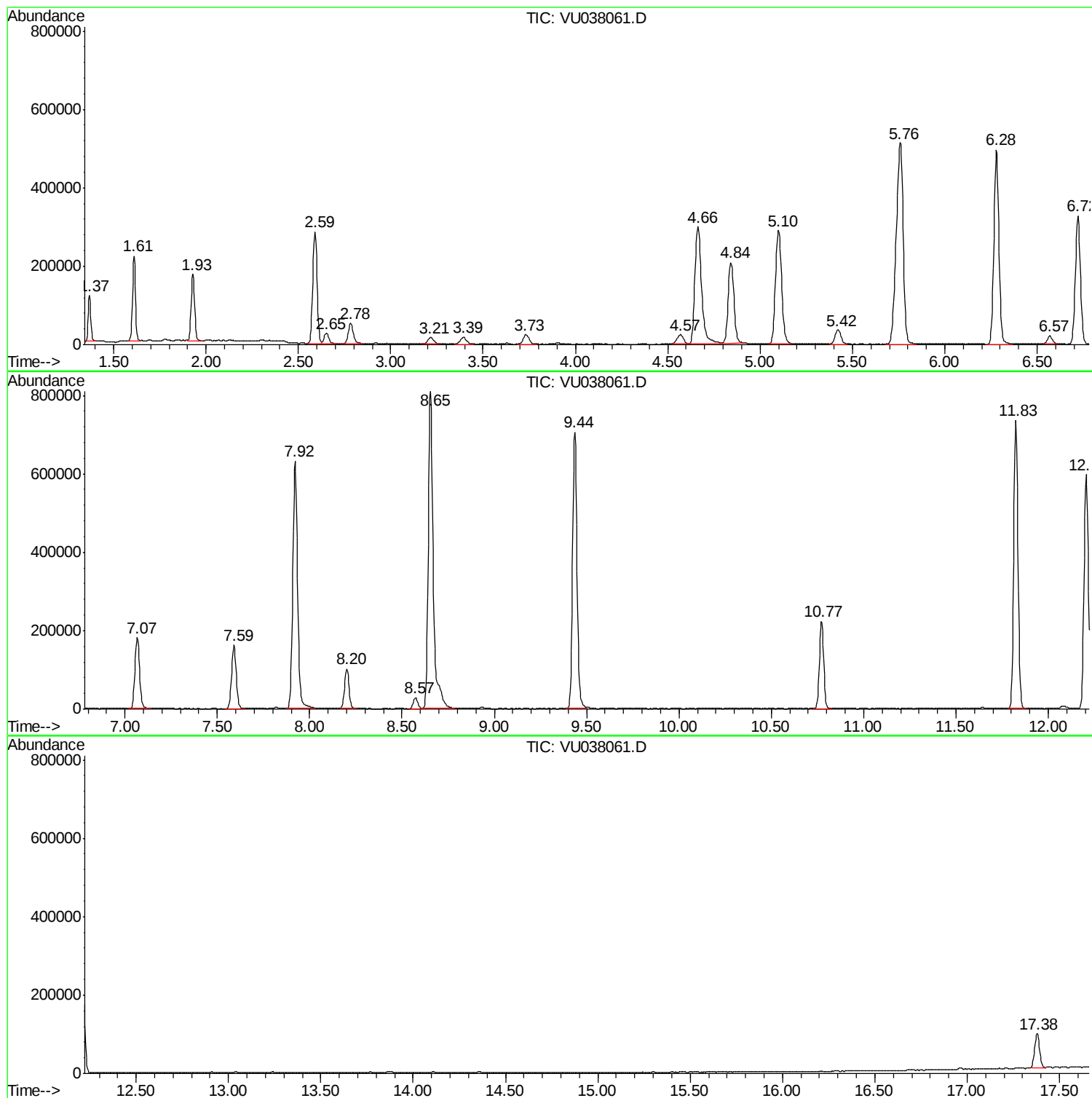
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSK8

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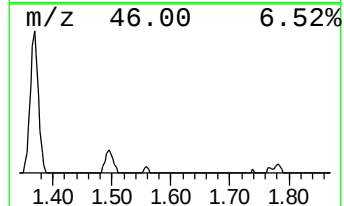
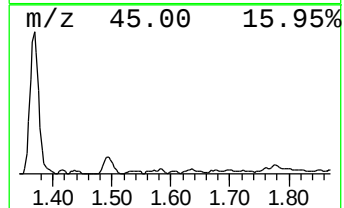
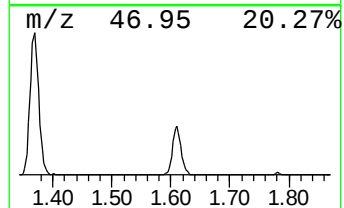
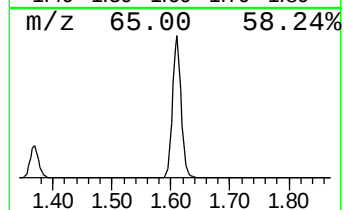
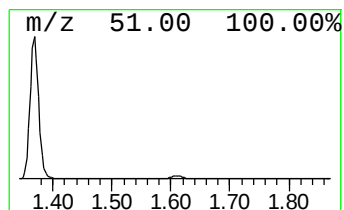
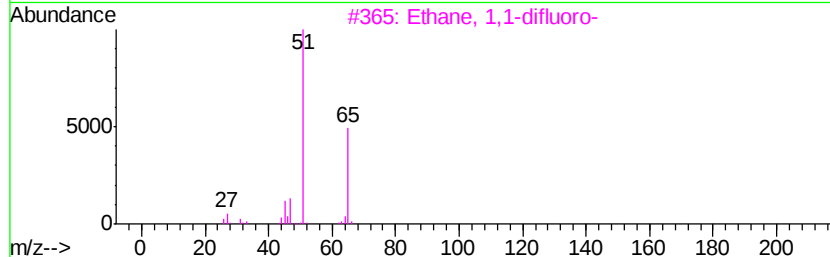
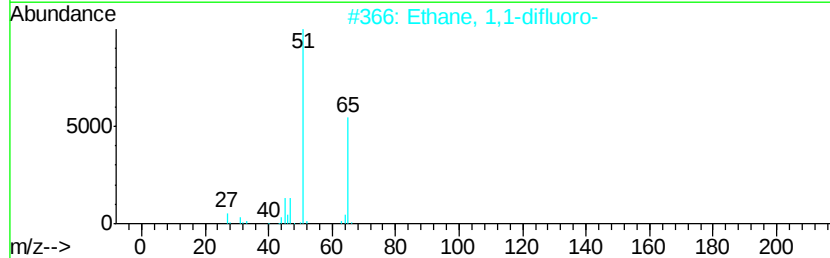
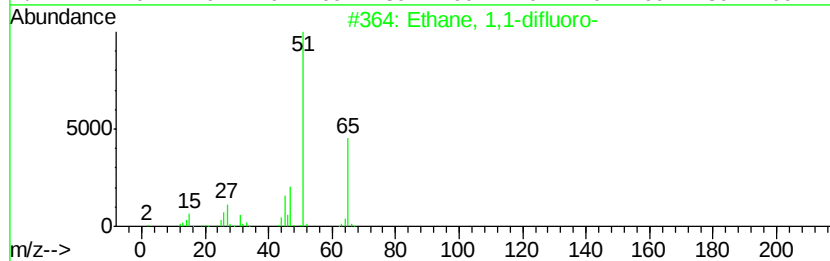
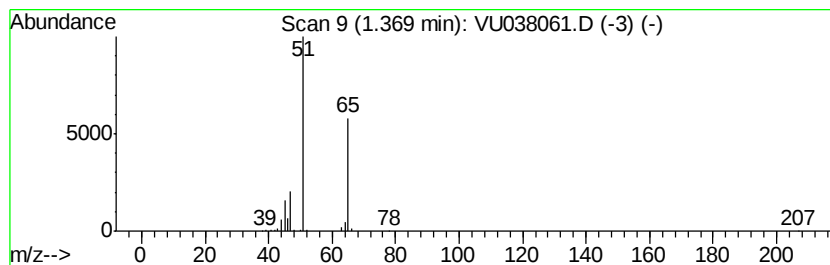
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.61 ug/L	115067	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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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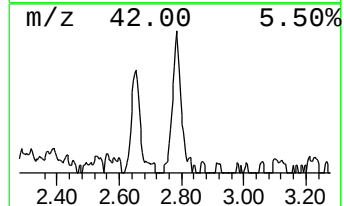
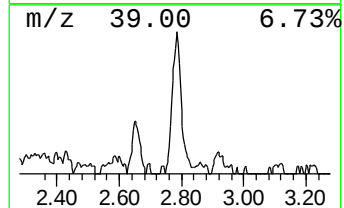
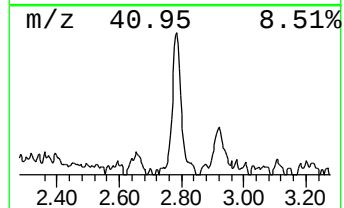
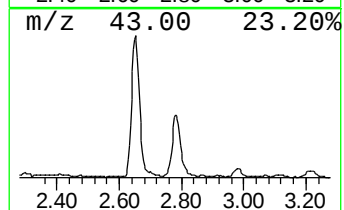
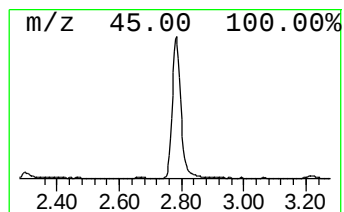
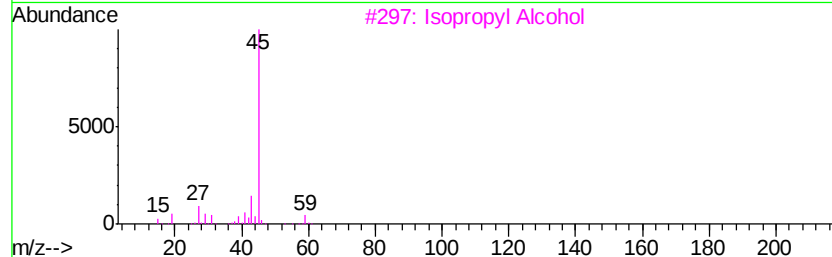
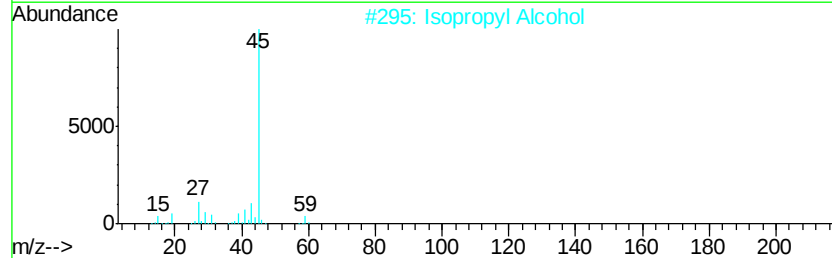
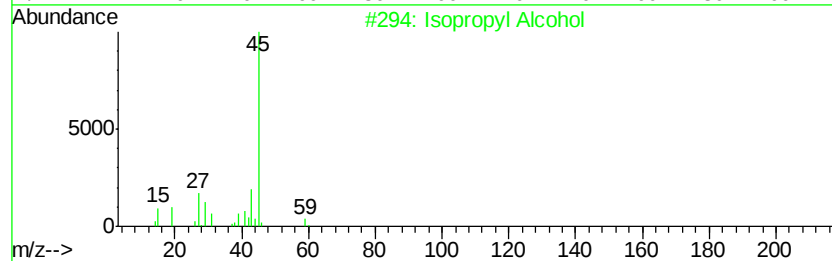
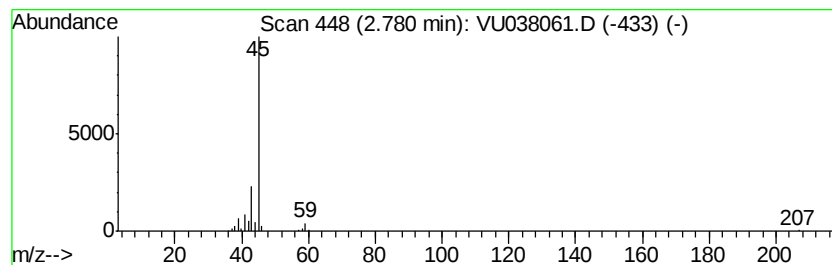
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.55 ug/L	104434	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4		Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
5		Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40



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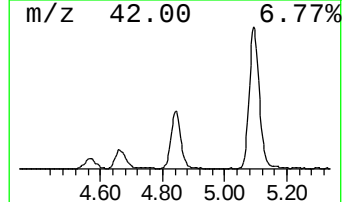
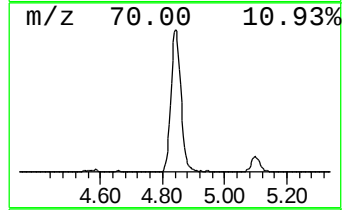
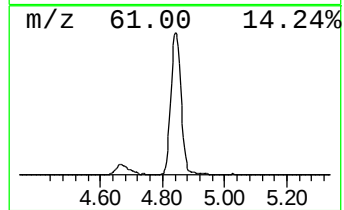
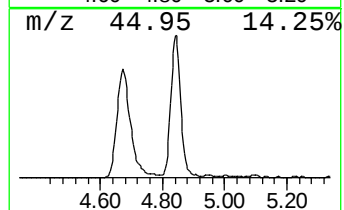
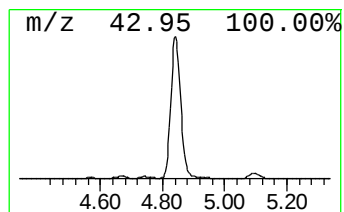
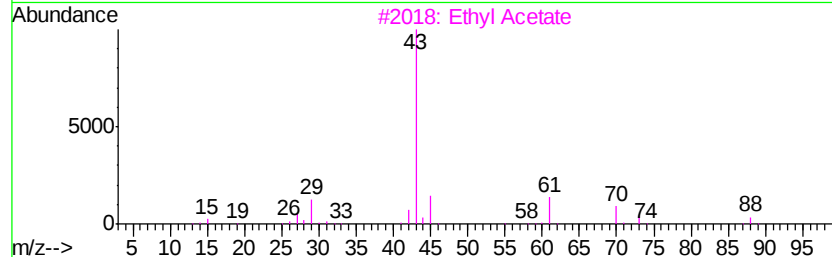
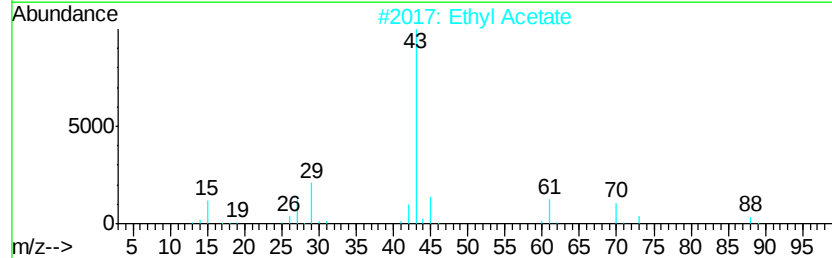
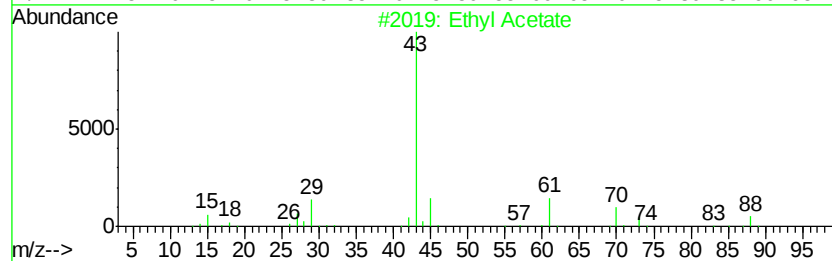
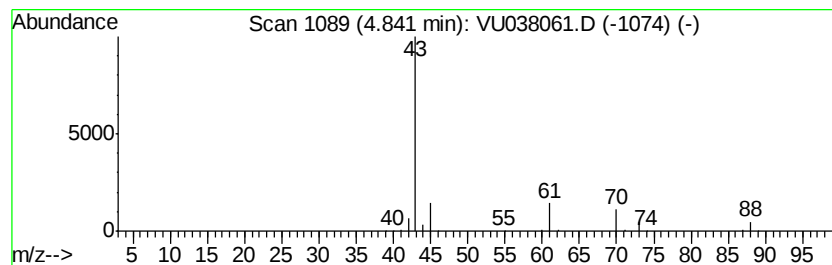
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Quant Title : TRACE VOA SOM01.0

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	2.41 ug/L	454356	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	64
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33



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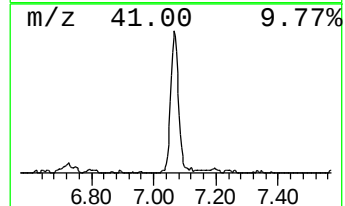
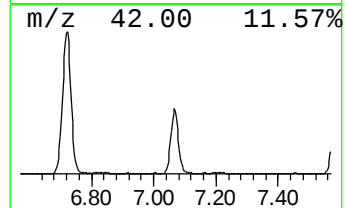
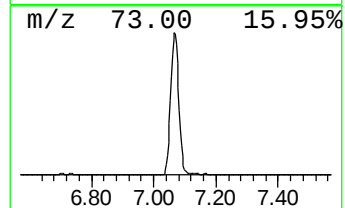
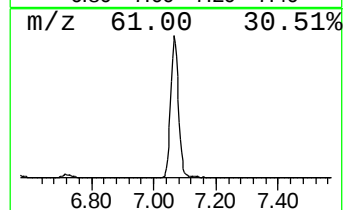
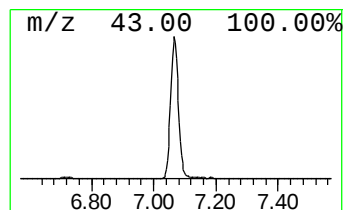
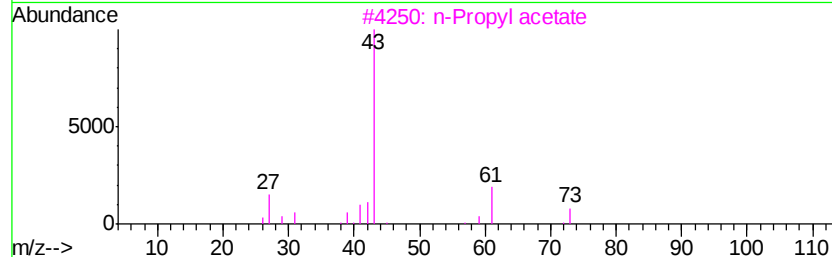
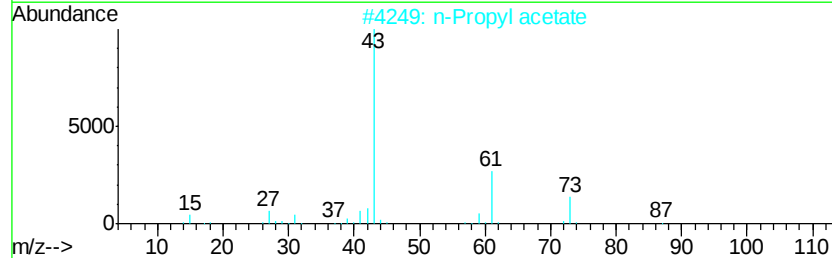
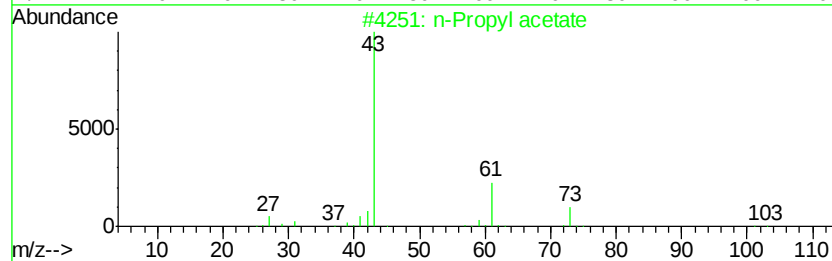
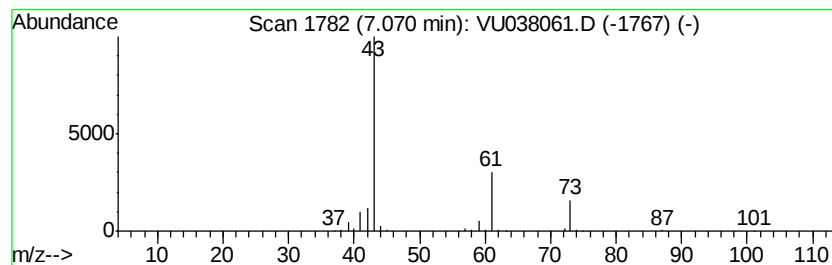
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.69 ug/L	319639	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	83
3		n-Propyl acetate	102	C5H10O2	000109-60-4	38
4		Isopropyl acetate	102	C5H10O2	000108-21-4	36
5		Isobutyl acetate	116	C6H12O2	000110-19-0	9



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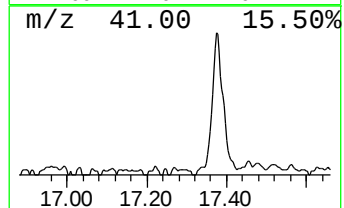
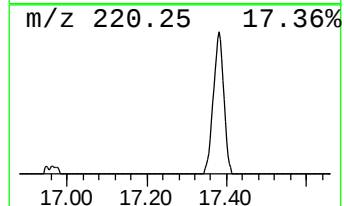
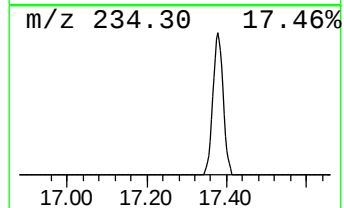
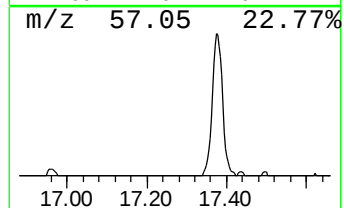
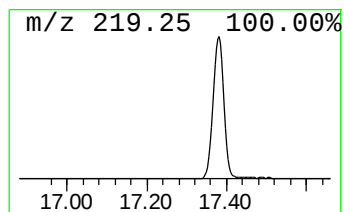
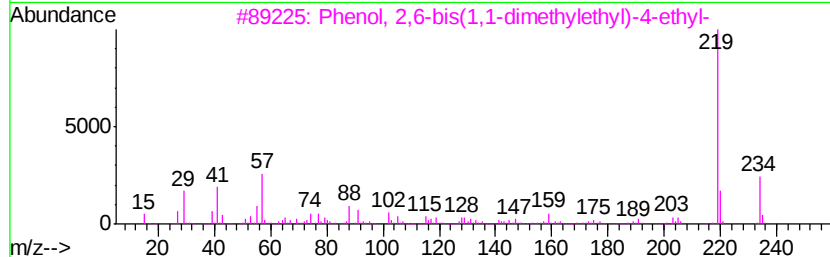
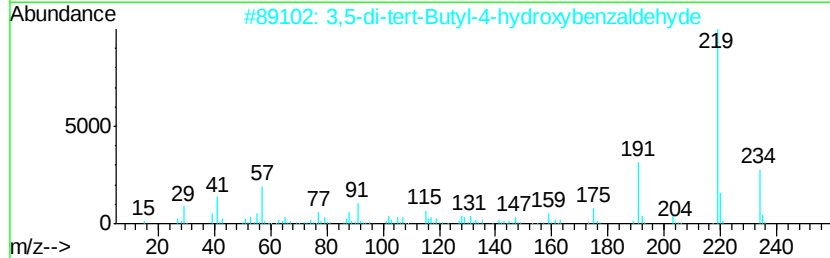
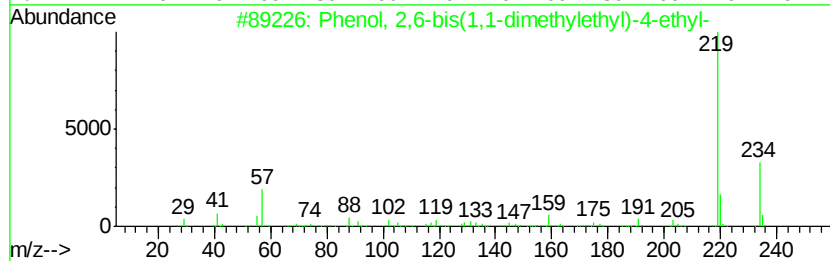
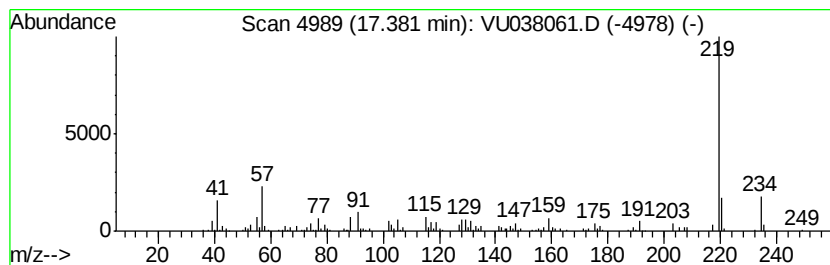
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.70 ug/L	160927	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-bis(1,1-dimethylethyl)...	234	C16H26O	004130-42-1	95
2		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
3		Phenol, 2,6-bis(1,1-dimethylethyl)...	234	C16H26O	004130-42-1	90
4		4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	83
5		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.6	ug/L	115067	1	6.28	943389	5.0
Isopropyl Alcohol	2.78	0.6	ug/L	104434	1	6.28	943389	5.0
Ethyl Acetate	4.84	2.4	ug/L	454356	1	6.28	943389	5.0
n-Propyl acetate	7.07	1.7	ug/L	319639	1	6.28	943389	5.0
Phenol, 2,6-bis(1...	17.38	0.7	ug/L	160927	3	11.83	1151280	5.0