

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038052.D
 Acq On : 07 May 2020 20:28
 Operator : JC/MD
 Sample : L2527-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK2

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	21	rVB	126297	128653	8.56%	0.914%
2	1.610	74	84	96	rBV	222693	253014	16.83%	1.797%
3	1.928	175	183	195	rVB	172013	216774	14.42%	1.539%
4	2.591	376	389	401	rBV	295384	490908	32.65%	3.486%
5	2.652	401	408	422	rVB	18684	30692	2.04%	0.218%
6	2.784	434	449	472	rBV	63690	119778	7.97%	0.851%
7	3.218	567	584	605	rVB2	25934	59404	3.95%	0.422%
8	3.398	624	640	655	rVB4	16306	39846	2.65%	0.283%
9	3.732	729	744	762	rBV4	24323	55266	3.68%	0.392%
10	3.906	782	798	812	rVB4	19417	50354	3.35%	0.358%
11	4.571	989	1005	1018	rBV4	21037	51372	3.42%	0.365%
12	4.668	1018	1035	1075	rVV3	302801	848505	56.43%	6.025%
13	4.841	1076	1089	1115	rVB	179245	388800	25.86%	2.761%
14	5.102	1150	1170	1200	rBV3	268124	652772	43.41%	4.635%
15	5.423	1256	1270	1286	rVB2	21095	48110	3.20%	0.342%
16	5.758	1352	1374	1387	rBV2	524137	1359781	90.43%	9.656%
17	6.279	1521	1536	1554	rBV	458248	869545	57.82%	6.175%
18	6.571	1611	1627	1645	rBV2	165130	316801	21.07%	2.250%
19	6.722	1658	1674	1693	rBV	323615	633304	42.11%	4.497%
20	7.066	1768	1781	1800	rBV	165296	288802	19.21%	2.051%
21	7.591	1931	1944	1958	rBV	165891	288745	19.20%	2.050%
22	7.922	2032	2047	2067	rBV	637518	1157295	76.96%	8.218%
23	8.201	2122	2134	2149	rBV2	102165	170431	11.33%	1.210%
24	8.574	2238	2250	2262	rBV2	162450	280497	18.65%	1.992%
25	8.655	2262	2275	2314	rVB	784482	1503764	100.00%	10.679%
26	9.436	2504	2518	2556	rBV	652247	1122701	74.66%	7.973%
27	10.770	2919	2933	2950	rBV	224229	362276	24.09%	2.573%
28	11.825	3247	3261	3276	rBV	662023	1065465	70.85%	7.566%
29	12.079	3330	3340	3354	rBV5	7874	16787	1.12%	0.119%
30	12.204	3366	3379	3395	rBV	603666	971368	64.60%	6.898%
31	17.375	4976	4987	5002	rBV2	130979	240304	15.98%	1.706%

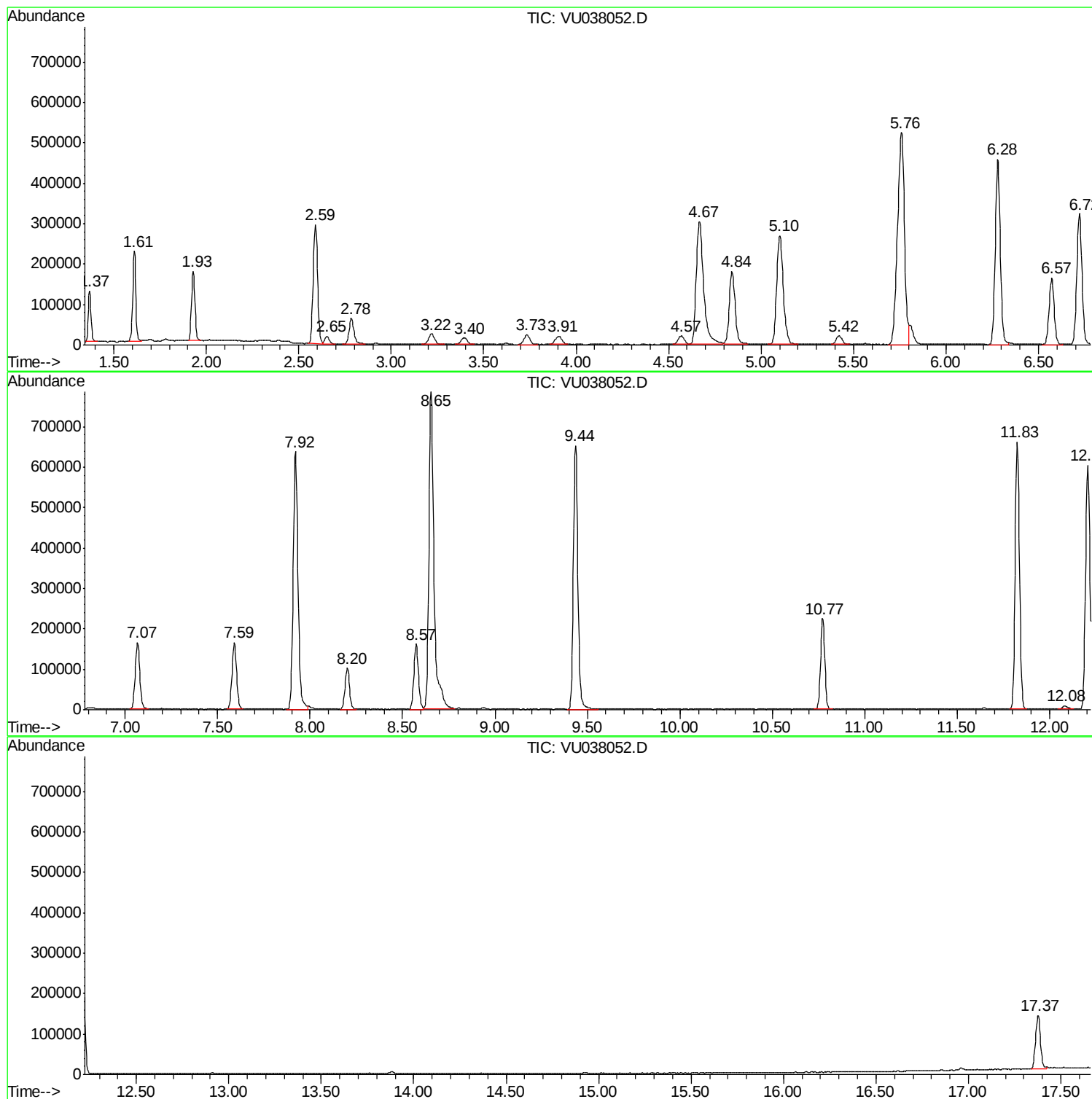
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MSVOA_U
ClientSampleId :
BFSK2

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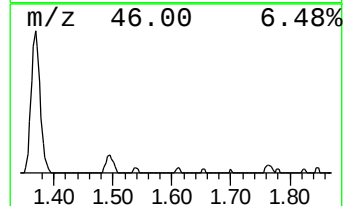
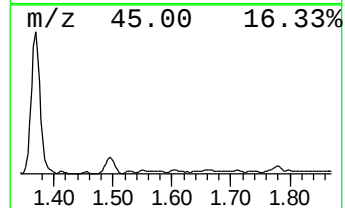
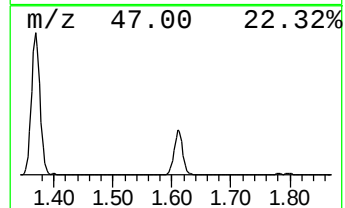
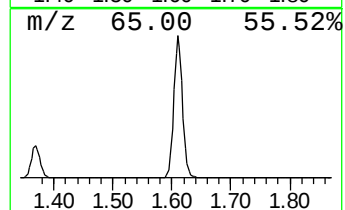
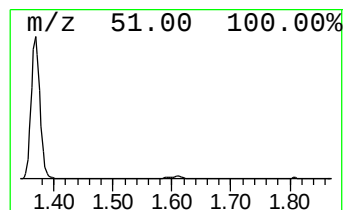
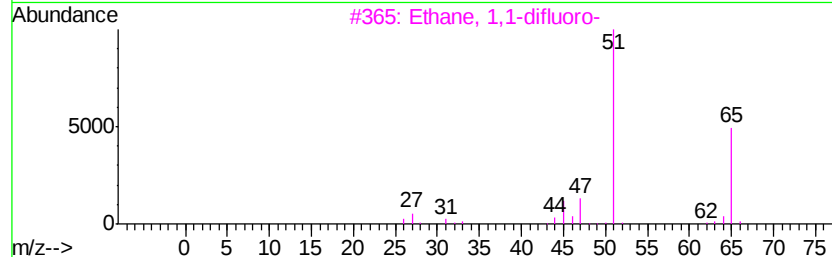
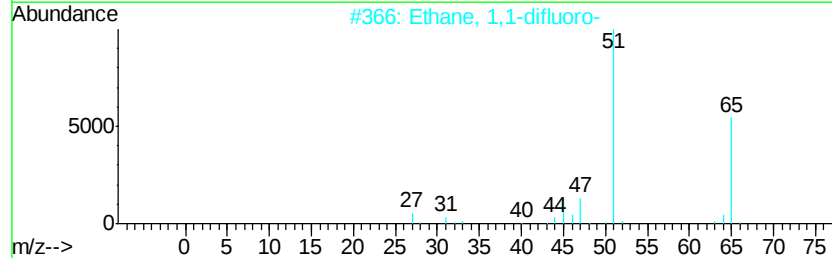
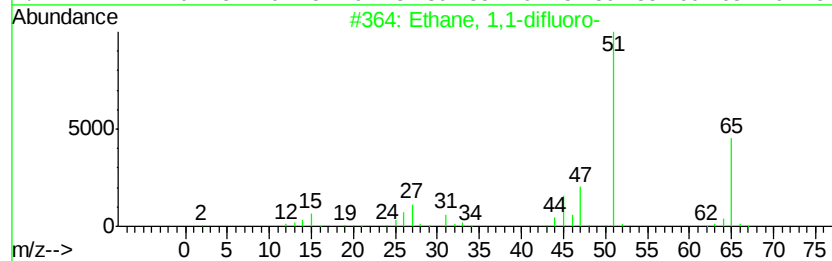
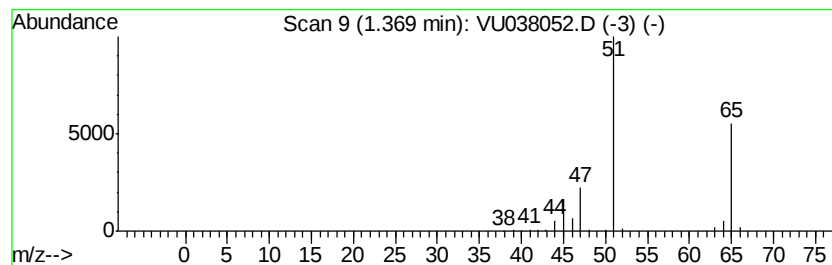
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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	0.74 ug/L	128653	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	91
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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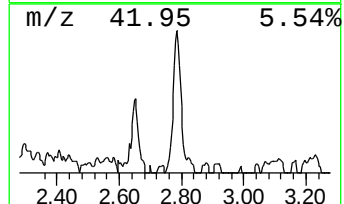
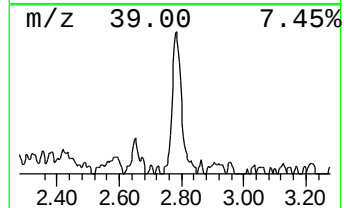
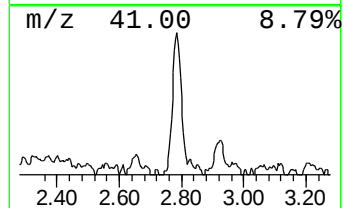
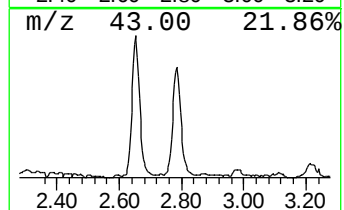
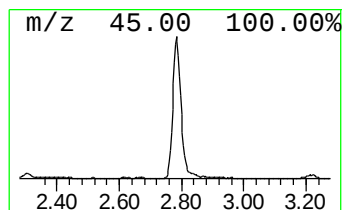
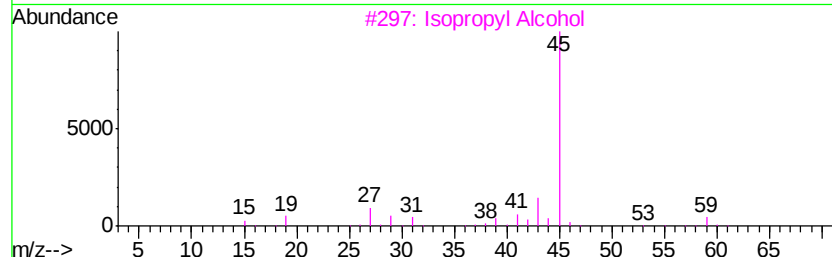
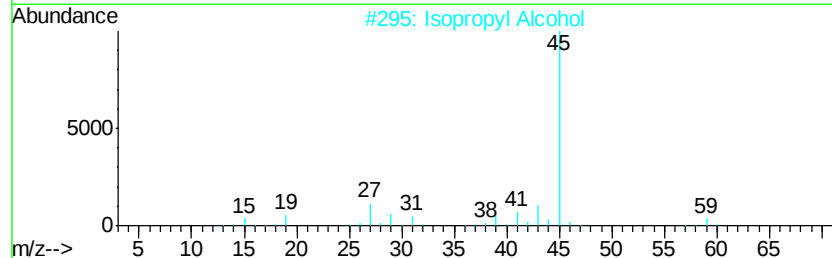
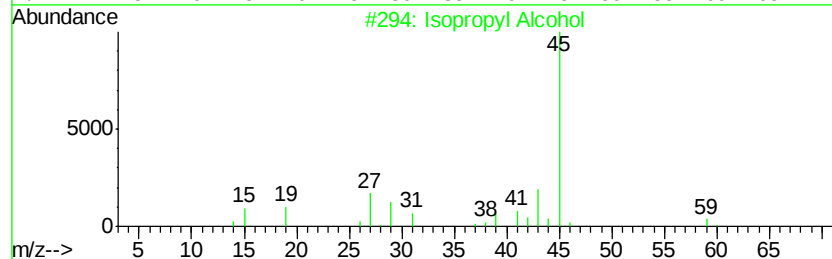
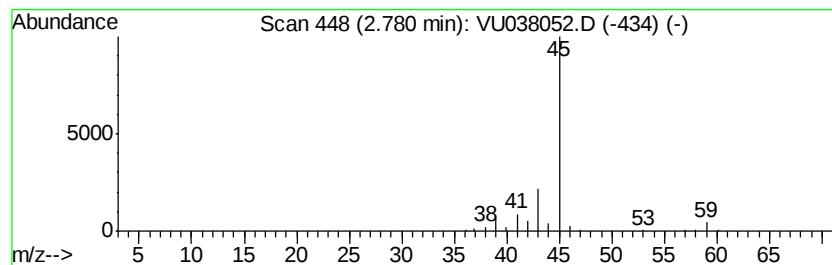
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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	0.69 ug/L	119778	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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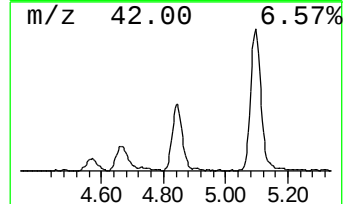
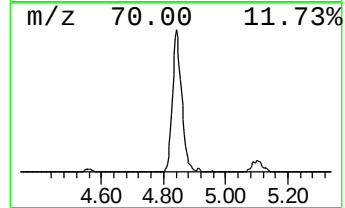
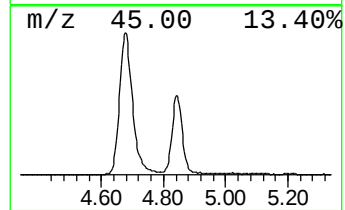
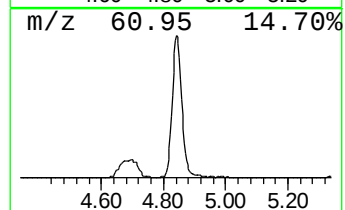
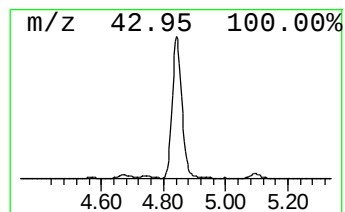
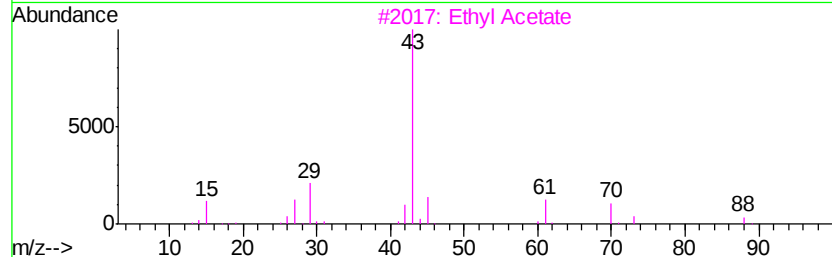
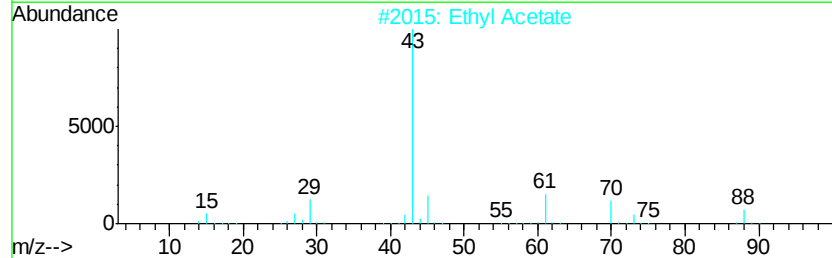
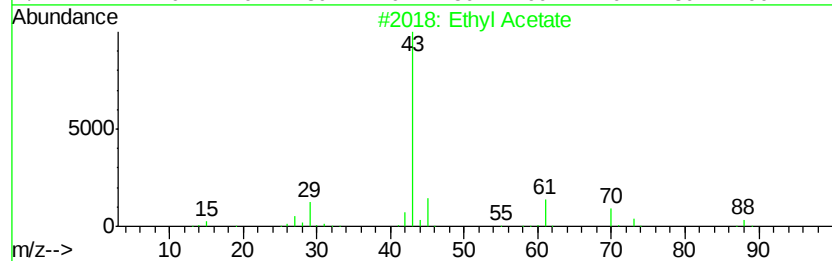
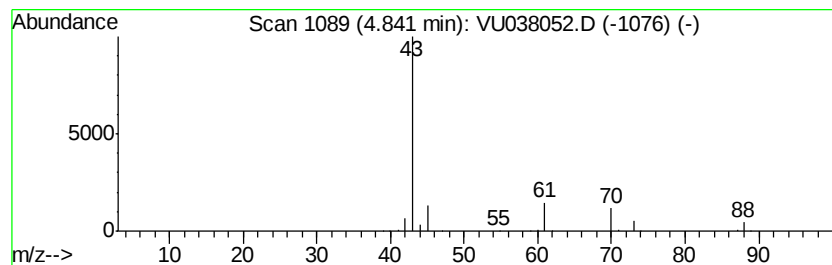
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Quant Title : TRACE VOA SOM01.0

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	2.24 ug/L	388800	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	78
3		Ethyl Acetate	88	C4H8O2	000141-78-6	72
4		Ethyl Acetate	88	C4H8O2	000141-78-6	64
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40



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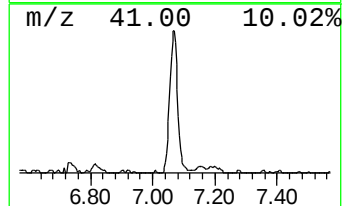
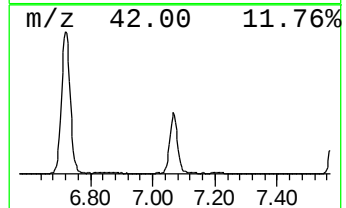
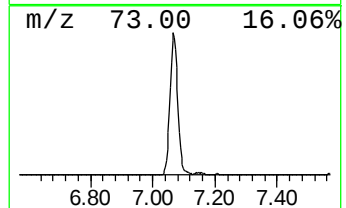
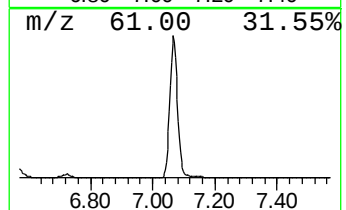
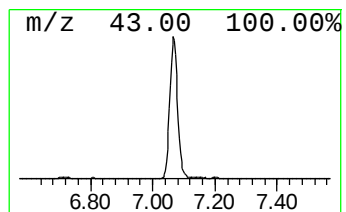
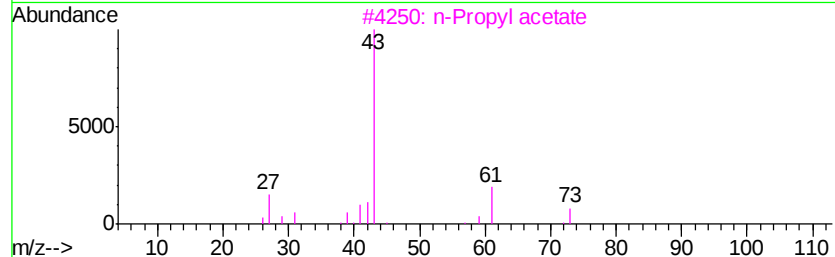
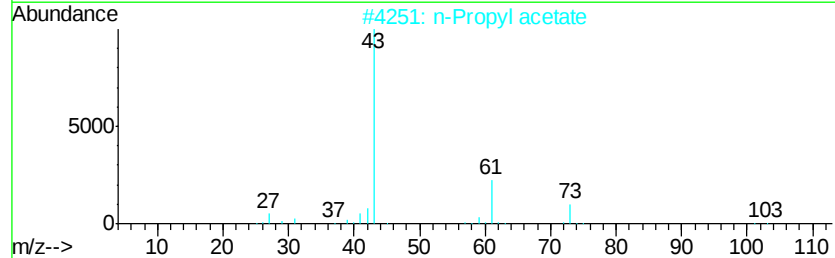
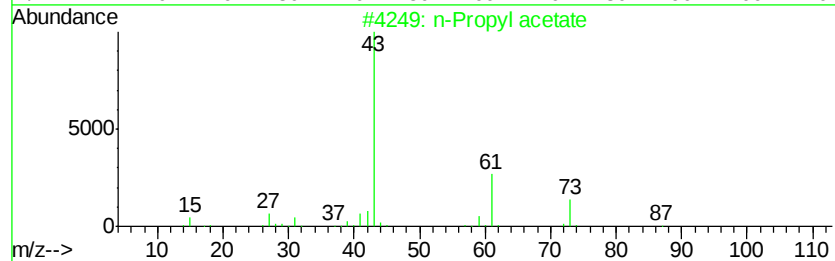
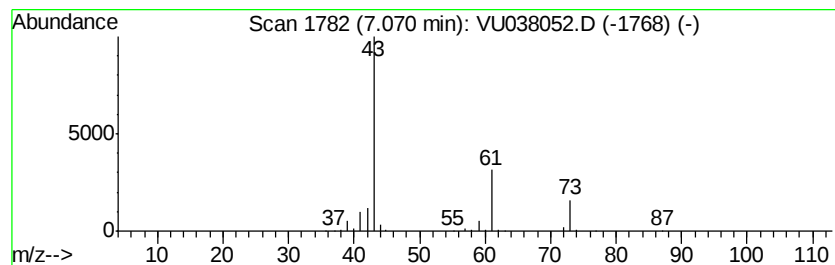
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.66 ug/L	288802	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	78
4		Isopropyl acetate	102	C5H10O2	000108-21-4	36
5		1-Butanamine	73	C4H11N	000109-73-9	9



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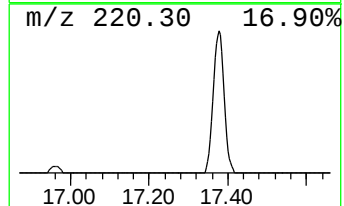
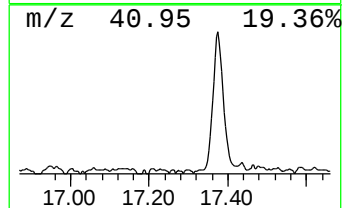
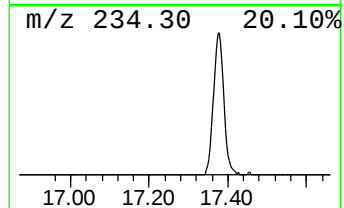
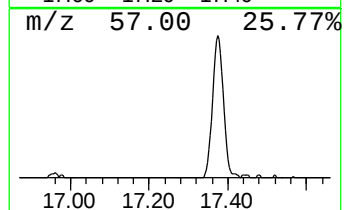
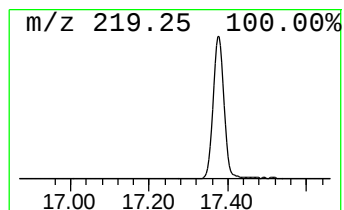
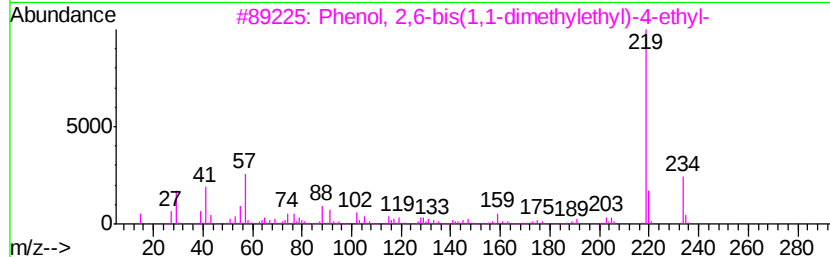
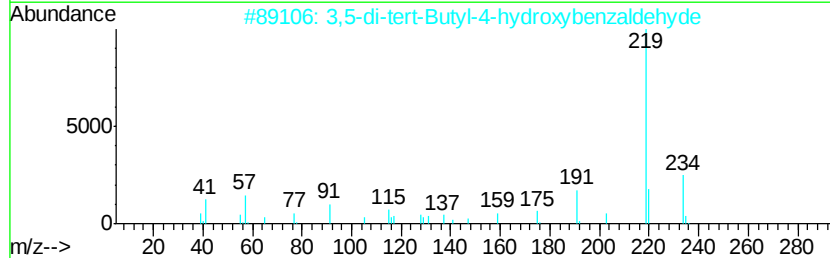
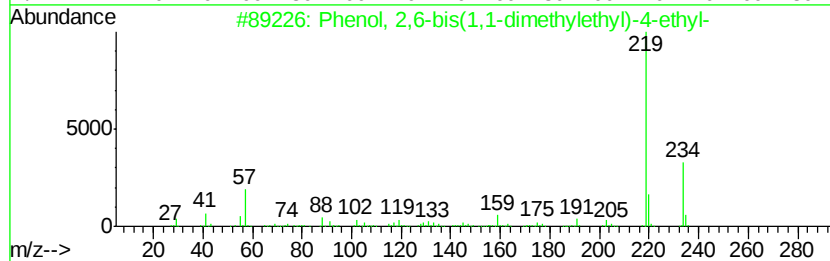
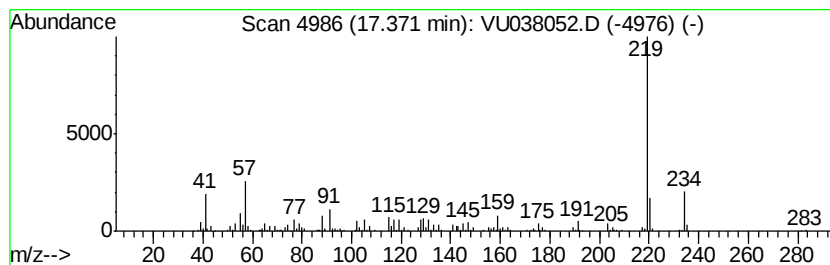
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Quant Title : TRACE VOA SOM01.0

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.
17.37	1.13 ug/L	240304	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	96
2		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
3		Phenol, 2,6-bis(1,1-dimethylethyl)...	234	C16H26O	004130-42-1	93
4		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
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	128653	1	6.28	869545	5.0
Isopropyl Alcohol	2.78	0.7	ug/L	119778	1	6.28	869545	5.0
Ethyl Acetate	4.84	2.2	ug/L	388800	1	6.28	869545	5.0
n-Propyl acetate	7.07	1.7	ug/L	288802	1	6.28	869545	5.0
Phenol, 2,6-bis(1...	17.37	1.1	ug/L	240304	3	11.83	1065470	5.0