

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038307.D
 Acq On : 26 May 2020 19:19
 Operator : JC/MD
 Sample : L2749-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W8

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	1.494	36	48	75	rBV	476339	1744236	5.36%	3.725%
2	2.401	320	330	350	rVB	476666	731018	2.25%	1.561%
3	2.591	377	389	402	rBV	232826	379438	1.17%	0.810%
4	4.034	814	838	861	rBV	633053	1658514	5.10%	3.542%
5	4.661	1019	1033	1067	rVB	259019	619314	1.90%	1.323%
6	5.102	1154	1170	1188	rBV	219954	478595	1.47%	1.022%
7	5.758	1354	1374	1386	rBV2	444812	1177545	3.62%	2.515%
8	6.279	1521	1536	1560	rBV	380464	726009	2.23%	1.551%
9	6.722	1659	1674	1687	rBV	286619	555685	1.71%	1.187%
10	7.922	2025	2047	2063	rBV	563925	1016184	3.12%	2.170%
11	8.655	2260	2275	2308	rBV	788894	1460416	4.49%	3.119%
12	9.468	2505	2528	2565	rBV	18681611	32518382	100.00%	69.455%
13	10.500	2835	2849	2861	rBV	297245	480451	1.48%	1.026%
14	10.770	2923	2933	2943	rBV	223398	342516	1.05%	0.732%
15	11.433	3125	3139	3150	rBV	235514	376201	1.16%	0.804%
16	11.825	3249	3261	3277	rBV2	640047	1383752	4.26%	2.955%
17	12.204	3365	3379	3397	rBV2	644910	1171308	3.60%	2.502%

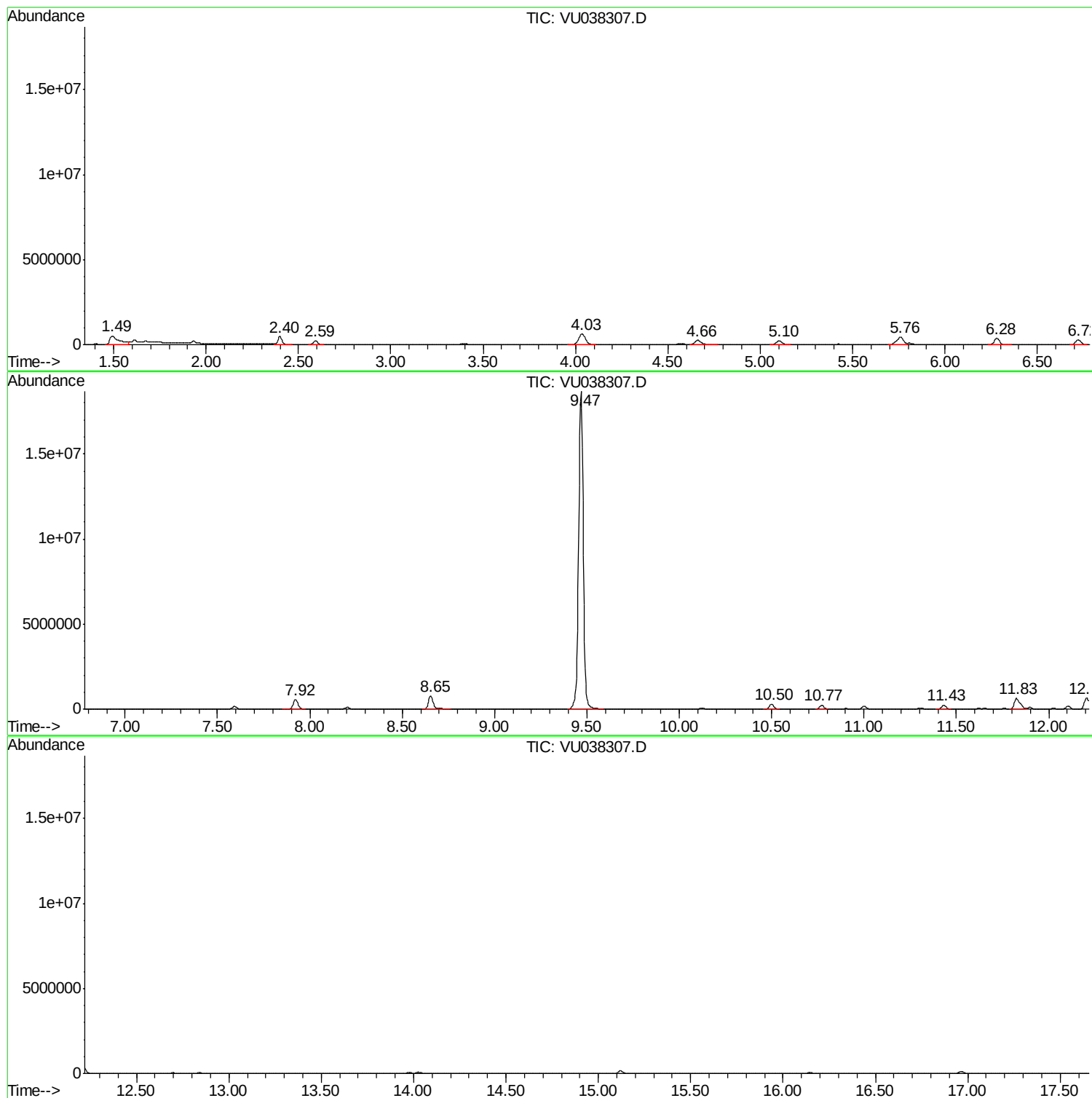
Sum of corrected areas: 46819564

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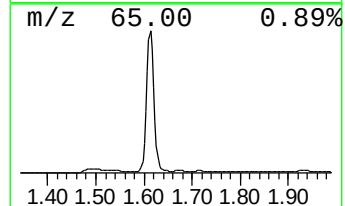
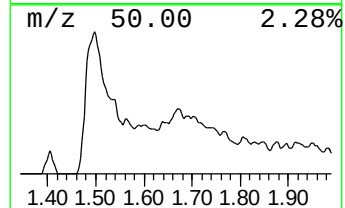
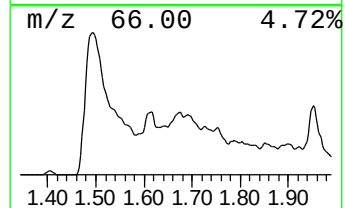
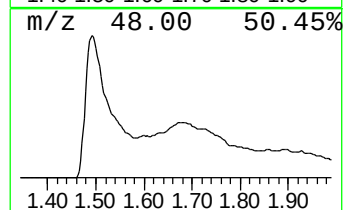
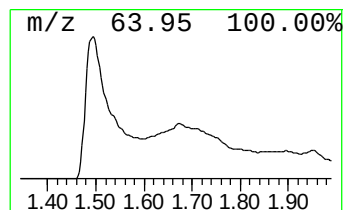
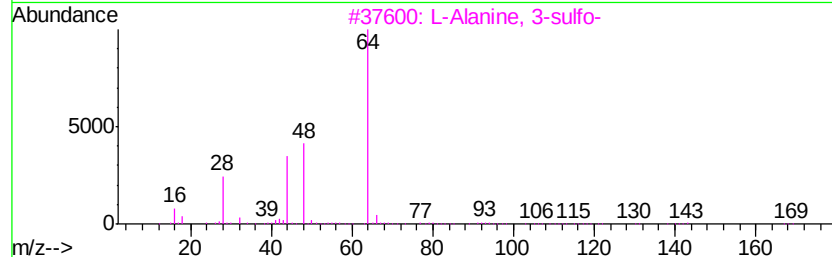
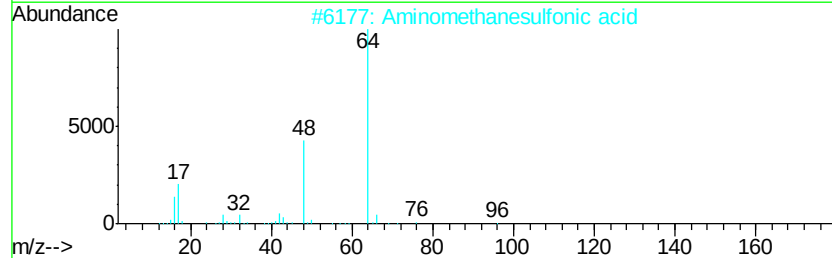
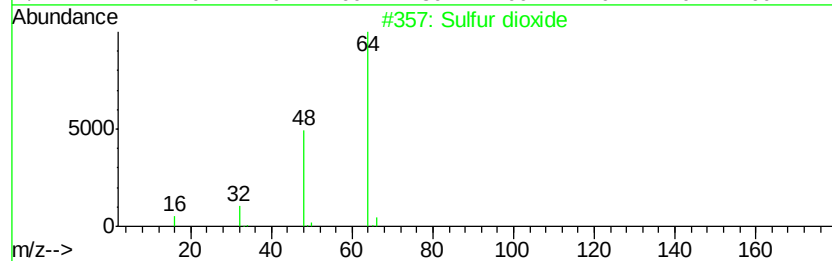
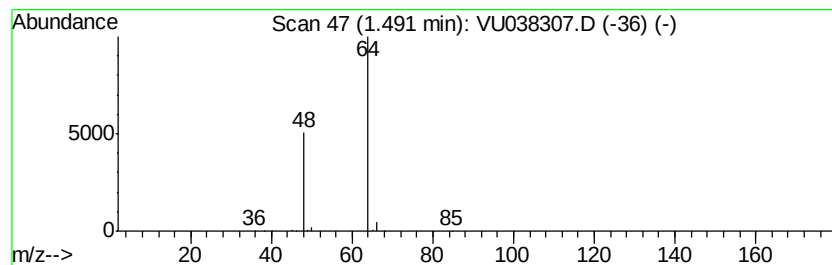
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.49	12.01 ug/L	1744240	1,4-Difluorobenzene	6.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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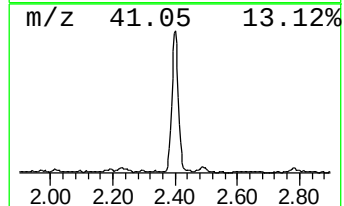
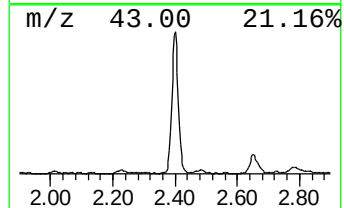
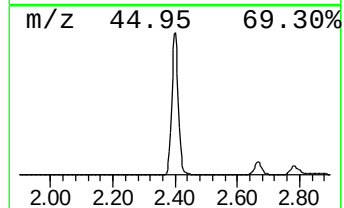
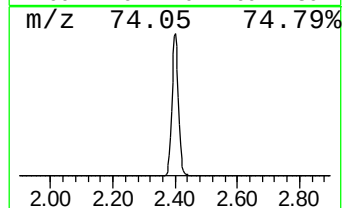
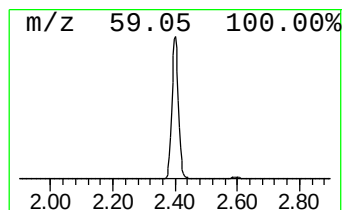
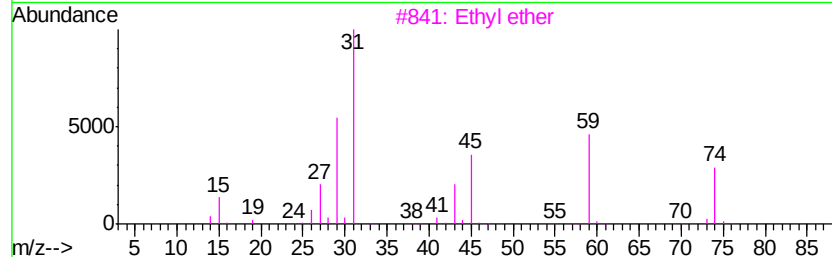
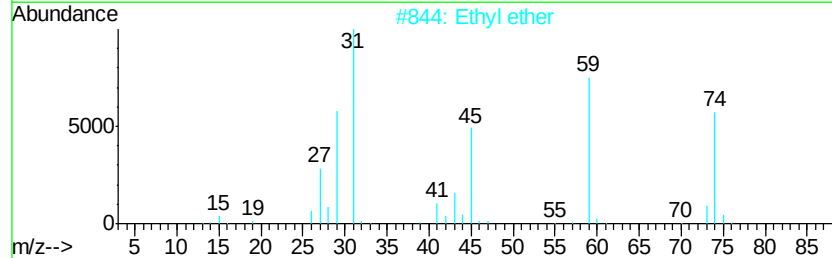
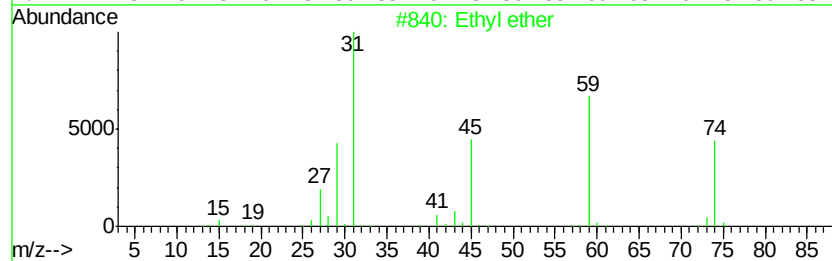
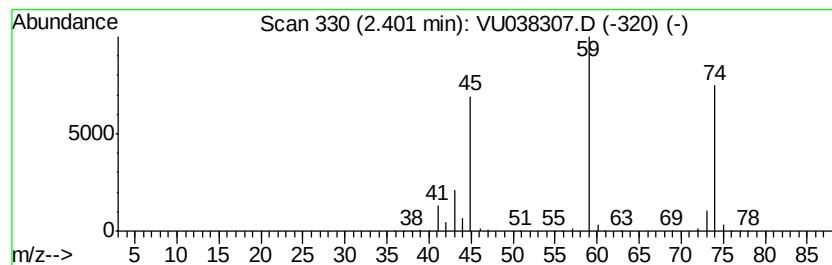
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	5.03 ug/L	731018	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ether	74	C4H10O	000060-29-7	90
2			Ethyl ether	74	C4H10O	000060-29-7	90
3			Ethyl ether	74	C4H10O	000060-29-7	83
4			Ethyl ether	74	C4H10O	000060-29-7	74
5			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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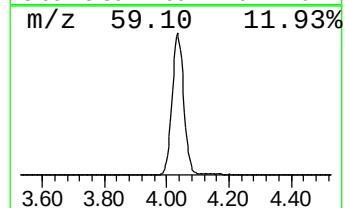
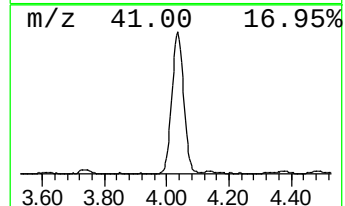
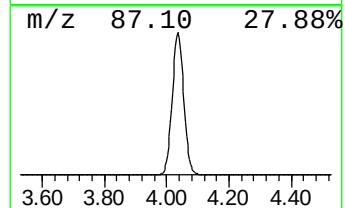
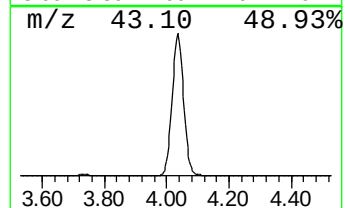
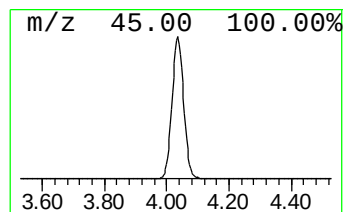
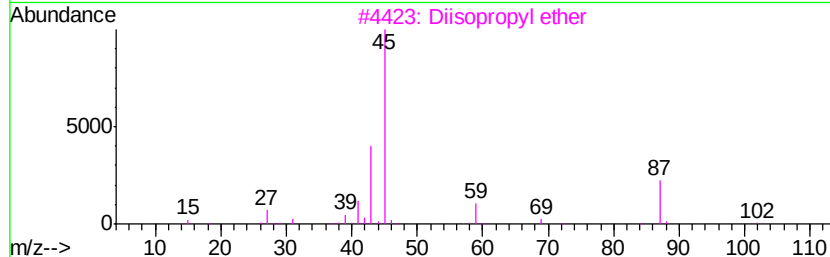
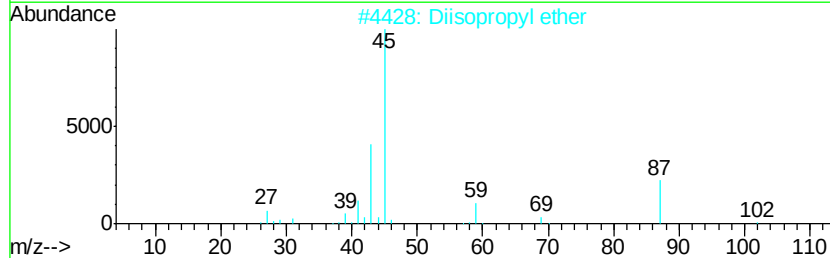
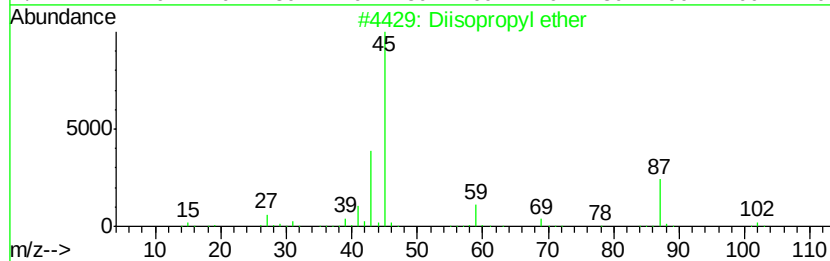
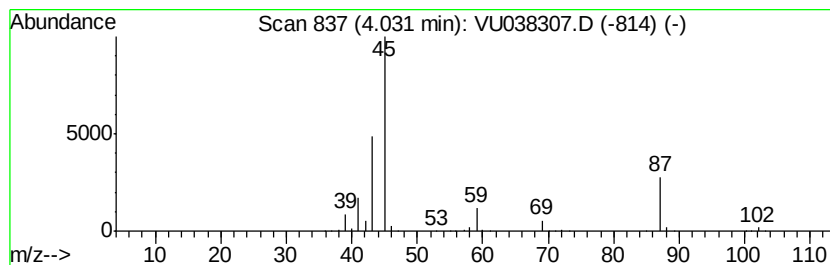
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Peak Number 3 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	11.42 ug/L	1658510	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisopropyl ether	102	C6H14O	000108-20-3	91
2		Diisopropyl ether	102	C6H14O	000108-20-3	83
3		Diisopropyl ether	102	C6H14O	000108-20-3	83
4		1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5		Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64



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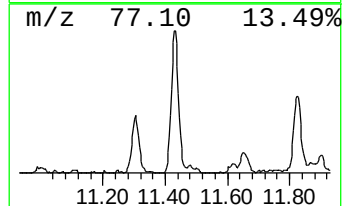
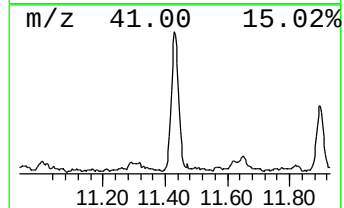
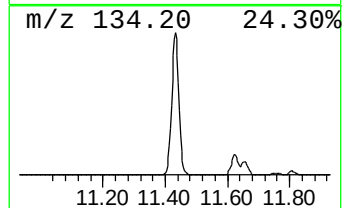
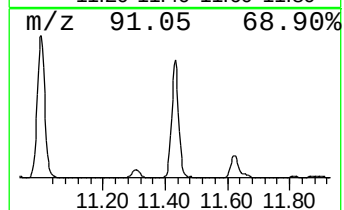
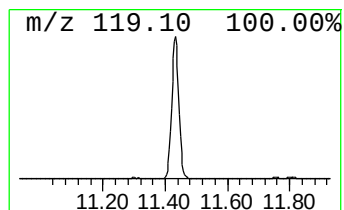
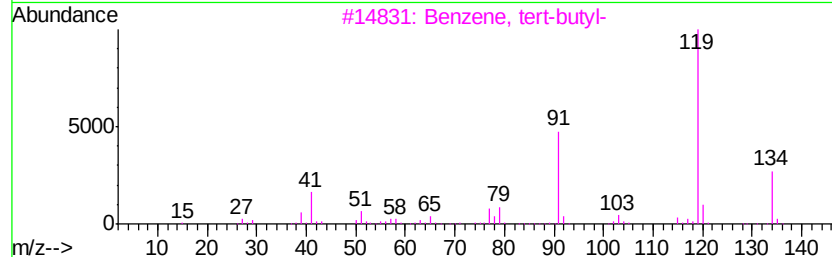
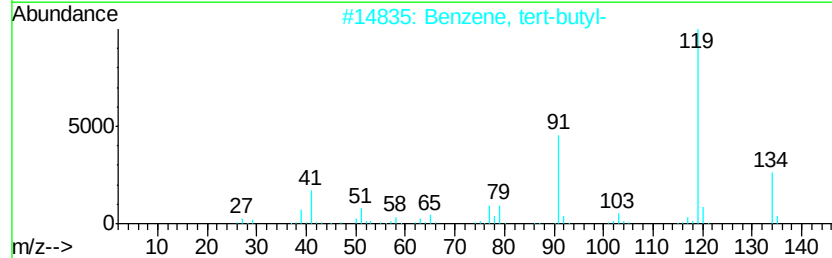
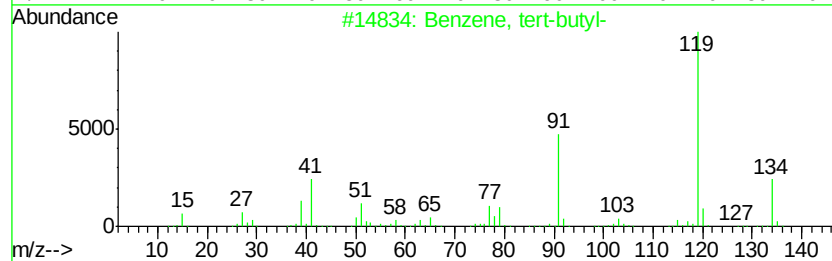
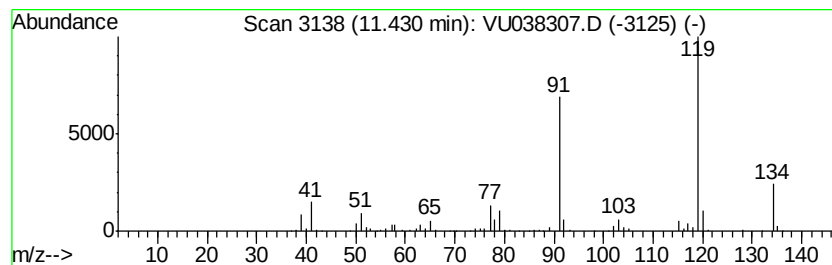
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	1.36 ug/L	376201	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, tert-butyl-	134	C10H14	000098-06-6	94
2		Benzene, tert-butyl-	134	C10H14	000098-06-6	91
3		Benzene, tert-butyl-	134	C10H14	000098-06-6	91
4		o-Cymene	134	C10H14	000527-84-4	83
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.49	12.0	ug/L	1744240	1	6.28	726009	5.0
Ethyl ether	2.40	5.0	ug/L	731018	1	6.28	726009	5.0
Diisopropyl ether	4.03	11.4	ug/L	1658510	1	6.28	726009	5.0
Benzene, tert-butyl-	11.43	1.4	ug/L	376201	3	11.83	1383750	5.0