

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111220\
 Data File : VU041214.D
 Acq On : 12 Nov 2020 13:28
 Operator : SY/MD
 Sample : VU1112WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK201

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.1 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM111220.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	1.606	96	101	110	rBV	4175	6268	61.42%	7.534%
2	1.922	142	146	152	rBV2	91	177	1.73%	0.213%
3	2.577	233	239	250	rVV	1151	2226	21.81%	2.676%
4	2.697	252	256	263	rVB	80	168	1.65%	0.202%
5	3.045	296	297	301	rBV	469	3249	31.84%	3.905%
6	5.058	400	404	412	rVB	220	875	8.57%	1.052%
7	5.680	433	437	449	rBB2	2011	7588	74.36%	9.121%
8	6.225	461	466	477	rBV	2091	8086	79.24%	9.719%
9	6.639	484	488	493	rBV	2400	9217	90.32%	11.079%
10	7.845	546	551	564	rBV	2962	9287	91.00%	11.163%
11	8.124	565	569	578	rVB	181	608	5.96%	0.731%
12	8.866	614	617	625	rVB	69	226	2.21%	0.272%
13	9.346	644	648	666	rBV	3044	10205	100.00%	12.267%
14	10.045	687	688	690	rBV	50	389	3.81%	0.468%
15	10.679	721	725	732	rBV	1874	6072	59.50%	7.299%
16	11.742	782	787	796	rVB	2633	8905	87.26%	10.704%
17	12.119	804	809	818	rBB	2942	9648	94.54%	11.597%

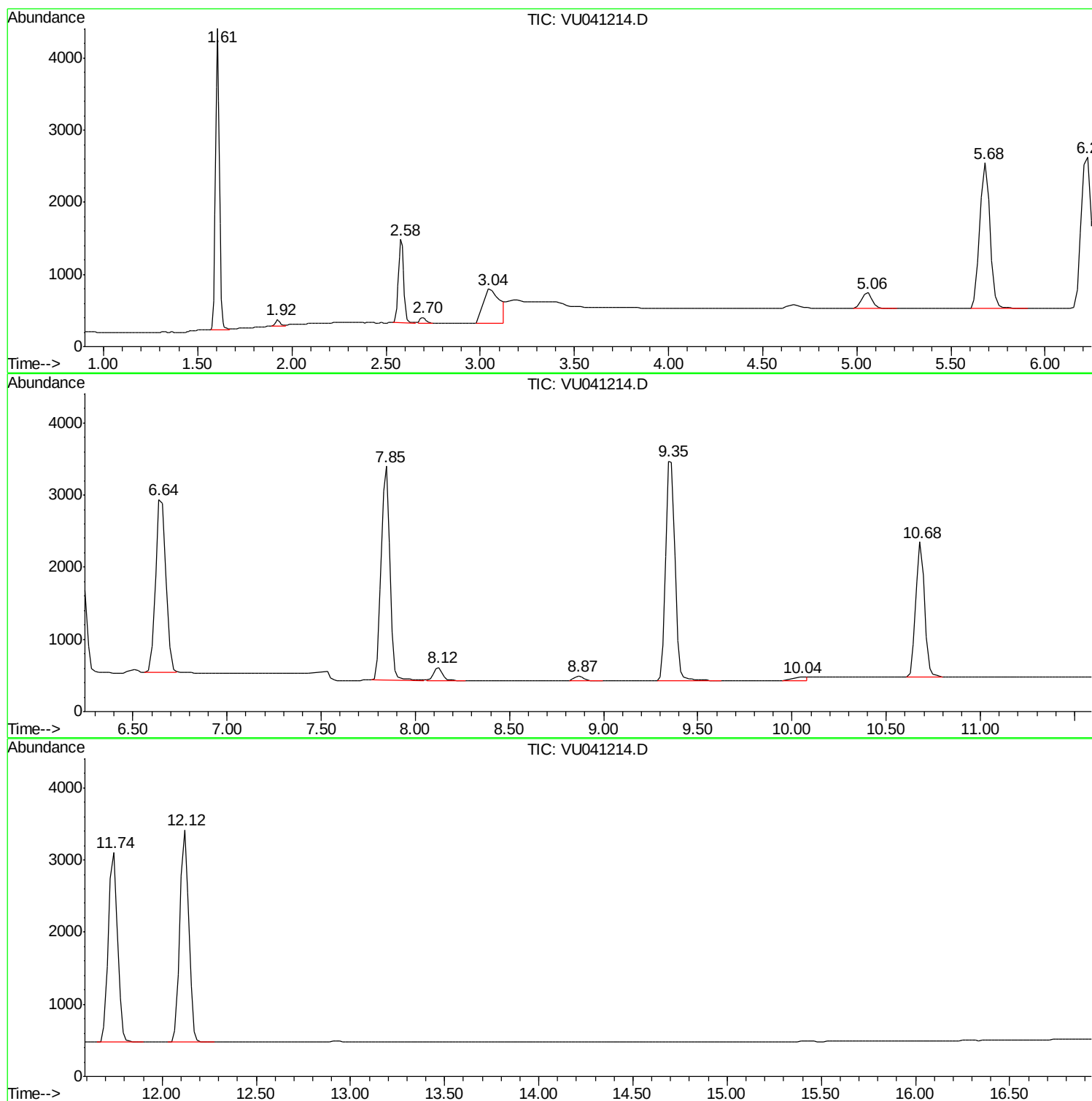
Sum of corrected areas: 83194

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Quant Title : TRACE VOA SOM01.0

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



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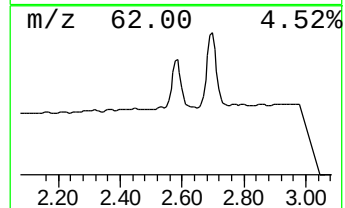
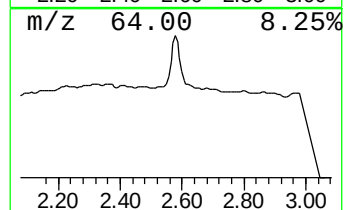
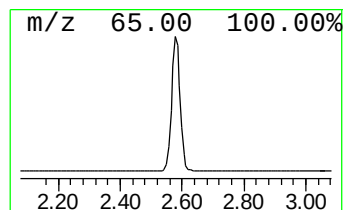
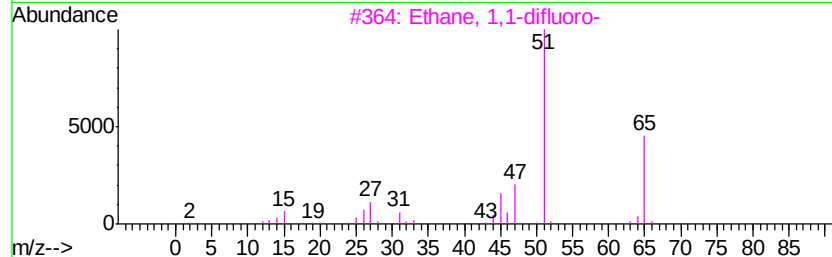
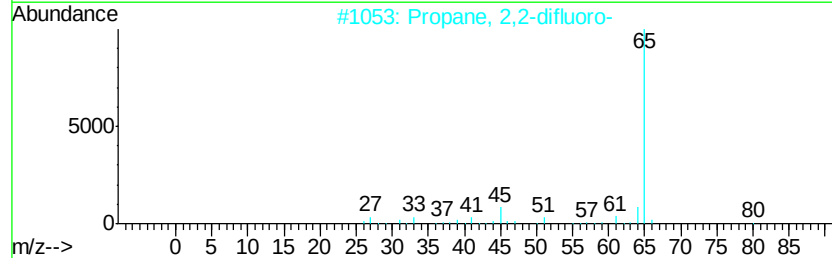
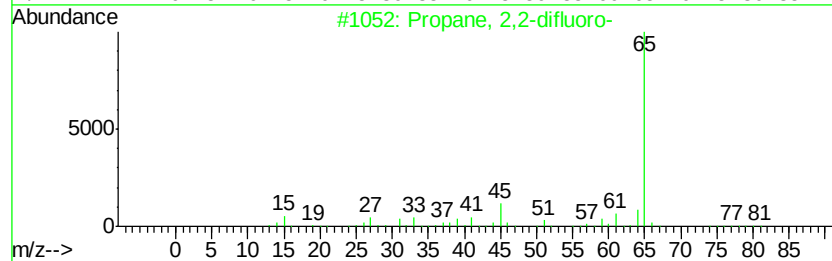
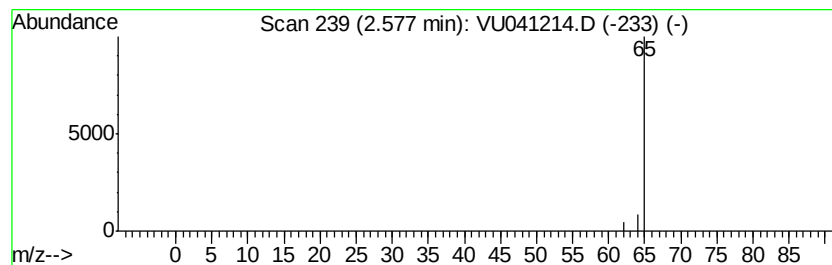
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM111220.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.58	0.14 ug/L	2226	1,4-Difluorobenzene	6.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	1
2		Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	1
3		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	1
4		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	1
5		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	1



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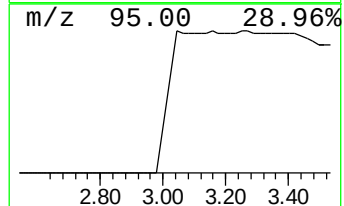
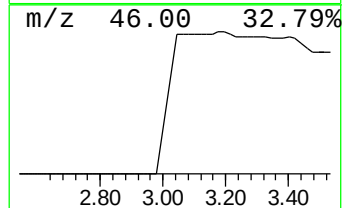
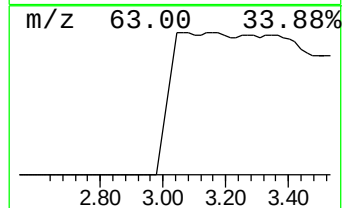
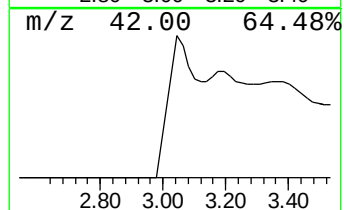
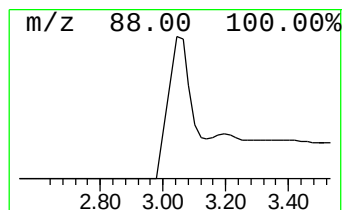
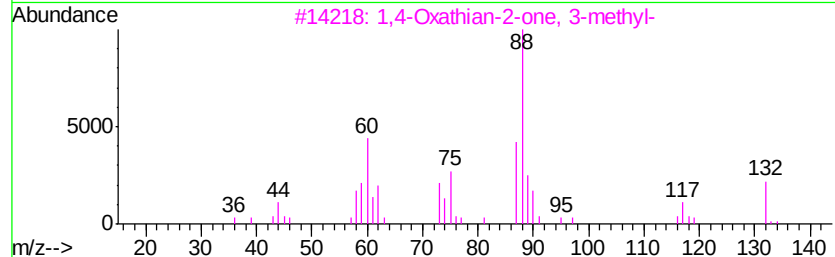
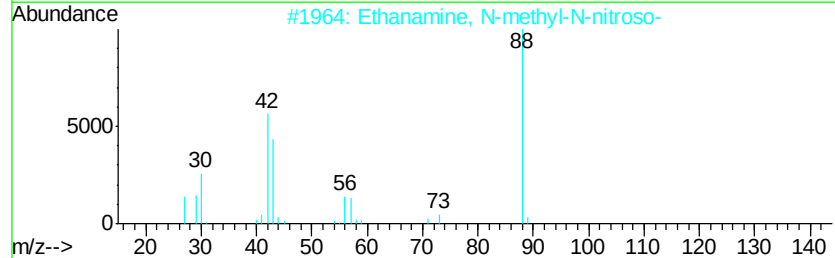
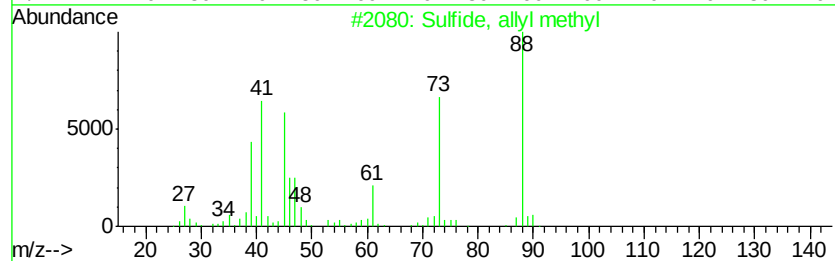
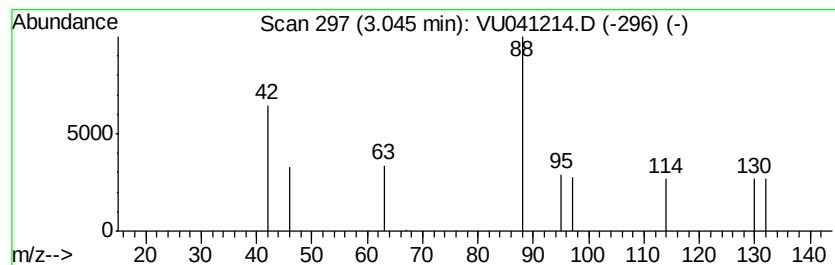
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Peak Number 2 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	0.20 ug/L	3249	1,4-Difluorobenzene	6.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfide, allyl methyl	88	C4H8S	010152-76-8	5
2		Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	5
3		1,4-Oxathian-2-one, 3-methyl-	132	C5H8O2S	035562-74-4	5
4		Acetic acid, (2-propenylthio)-	132	C5H8O2S	020600-63-9	4
5		Hydrazine, (1,1-dimethylethyl)-	88	C4H12N2	032064-67-8	4



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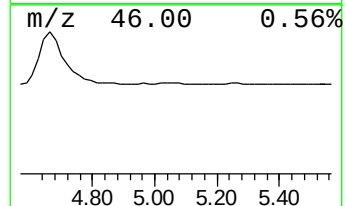
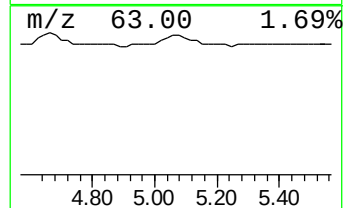
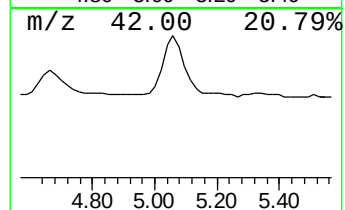
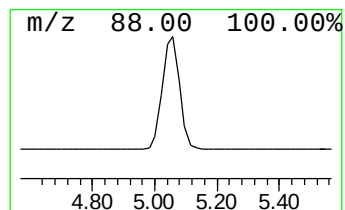
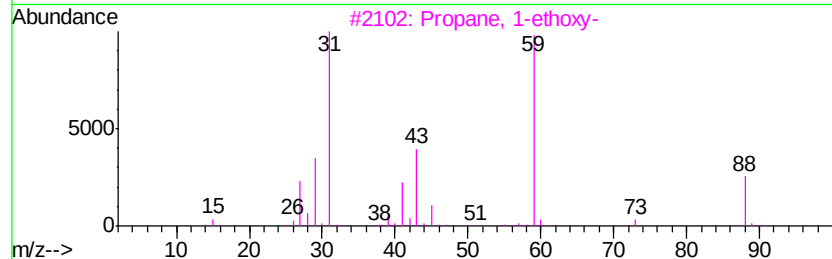
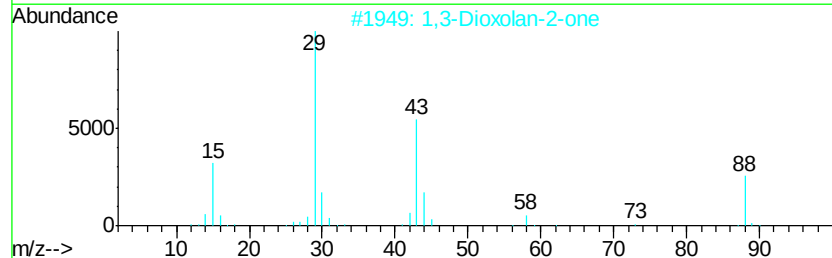
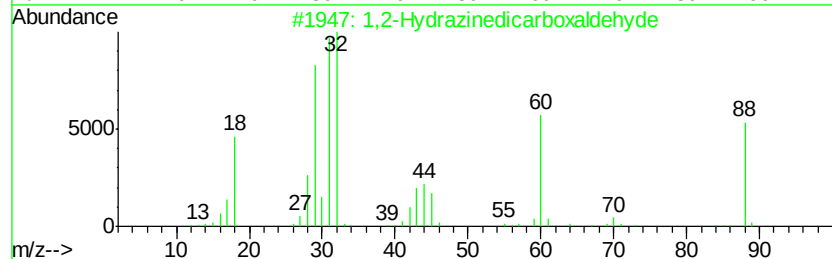
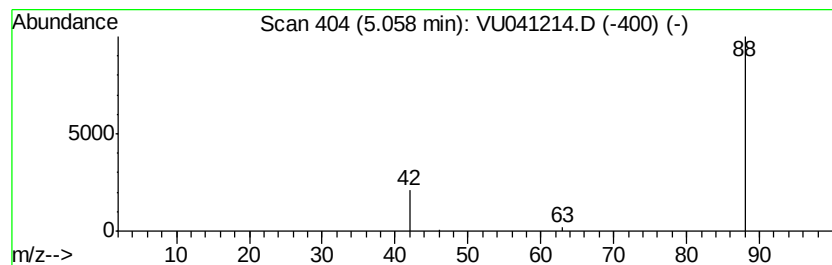
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Peak Number 3 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	0.05 ug/L	875	1,4-Difluorobenzene	6.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4
2			1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	3
3			Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
4			Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
5			Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	2



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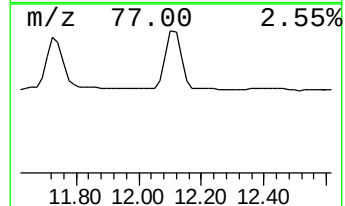
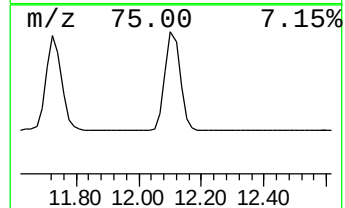
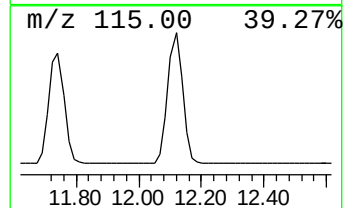
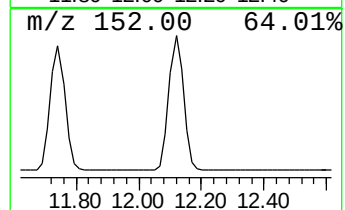
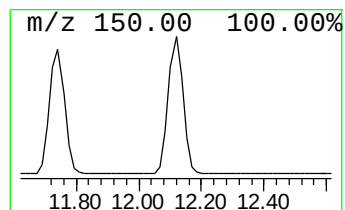
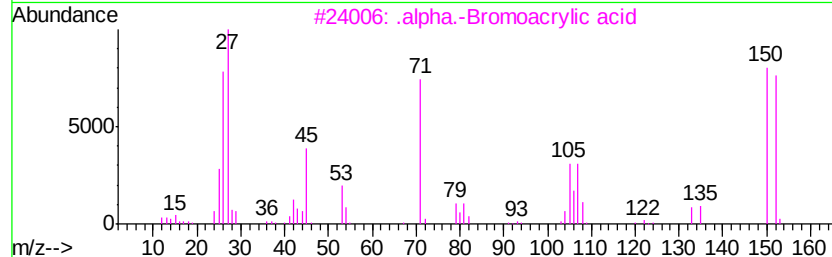
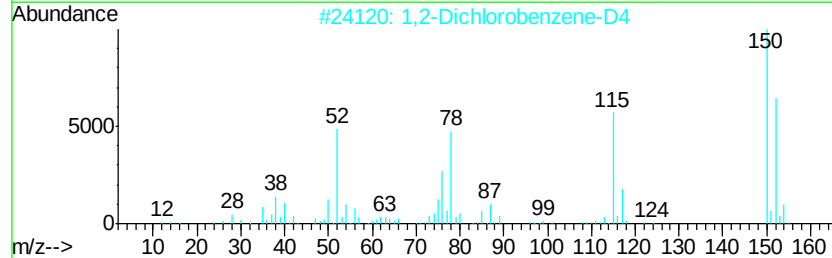
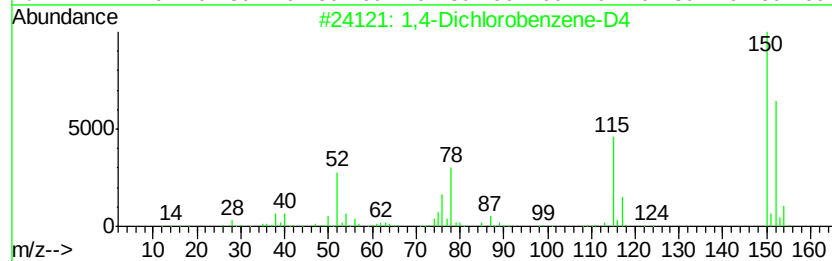
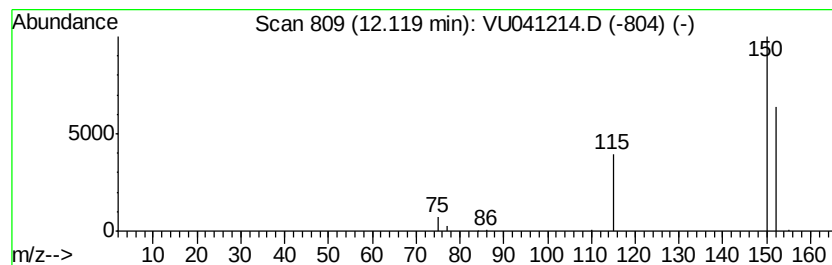
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Peak Number 4 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	0.54 ug/L	9648	1,4-Dichlorobenzene-d4	11.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	9
2		1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	9
3		.alpha.-Bromoacrylic acid	150	C3H3BrO2	010443-65-9	5
4		1H-Imidazole,2-methyl,4,5-dichloro	150	C4H4Cl2N2	015965-33-0	5
5		3-Phospholene, 3-chloro-1-methyl...	150	C5H8ClOP	022356-34-9	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.58	0.1	ug/L	2226	1	6.23	8086	0.5
unknown-02	3.04	0.2	ug/L	3249	1	6.23	8086	0.5
unknown-03	5.06	0.1	ug/L	875	1	6.23	8086	0.5
unknown-04	12.12	0.5	ug/L	9648	3	11.74	8905	0.5