

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\
 Data File : VX016958.D
 Acq On : 25 Jun 2020 16:59
 Operator : JC/SP
 Sample : L3125-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-2

Integration Parameters: RTEINT3.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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 X\METHOD\624X062520W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.569	76	79	89	rVB	940888	1054747	11.26%	5.909%
2	2.087	159	164	174	rVB	74735	123233	1.32%	0.690%
3	2.416	213	218	224	rBV	80232	130982	1.40%	0.734%
4	2.557	235	241	257	rVB	122335	229119	2.45%	1.284%
5	4.983	626	639	652	rBV	90957	274674	2.93%	1.539%
6	6.032	800	811	822	rBV2	94386	250904	2.68%	1.406%
7	6.824	922	941	988	rBV2	1583396	9366202	100.00%	52.471%
8	7.141	989	993	1027	rVB	155771	557185	5.95%	3.121%
9	8.464	1202	1210	1230	rBV	2234890	3732202	39.85%	20.908%
10	8.696	1239	1248	1256	rBV	450383	696547	7.44%	3.902%
11	9.970	1451	1457	1464	rBV	153170	216255	2.31%	1.211%
12	10.098	1471	1478	1486	rVB	437945	598285	6.39%	3.352%
13	11.122	1641	1646	1654	rVB	349227	448142	4.78%	2.511%
14	13.817	2083	2088	2096	rVB	137420	171874	1.84%	0.963%

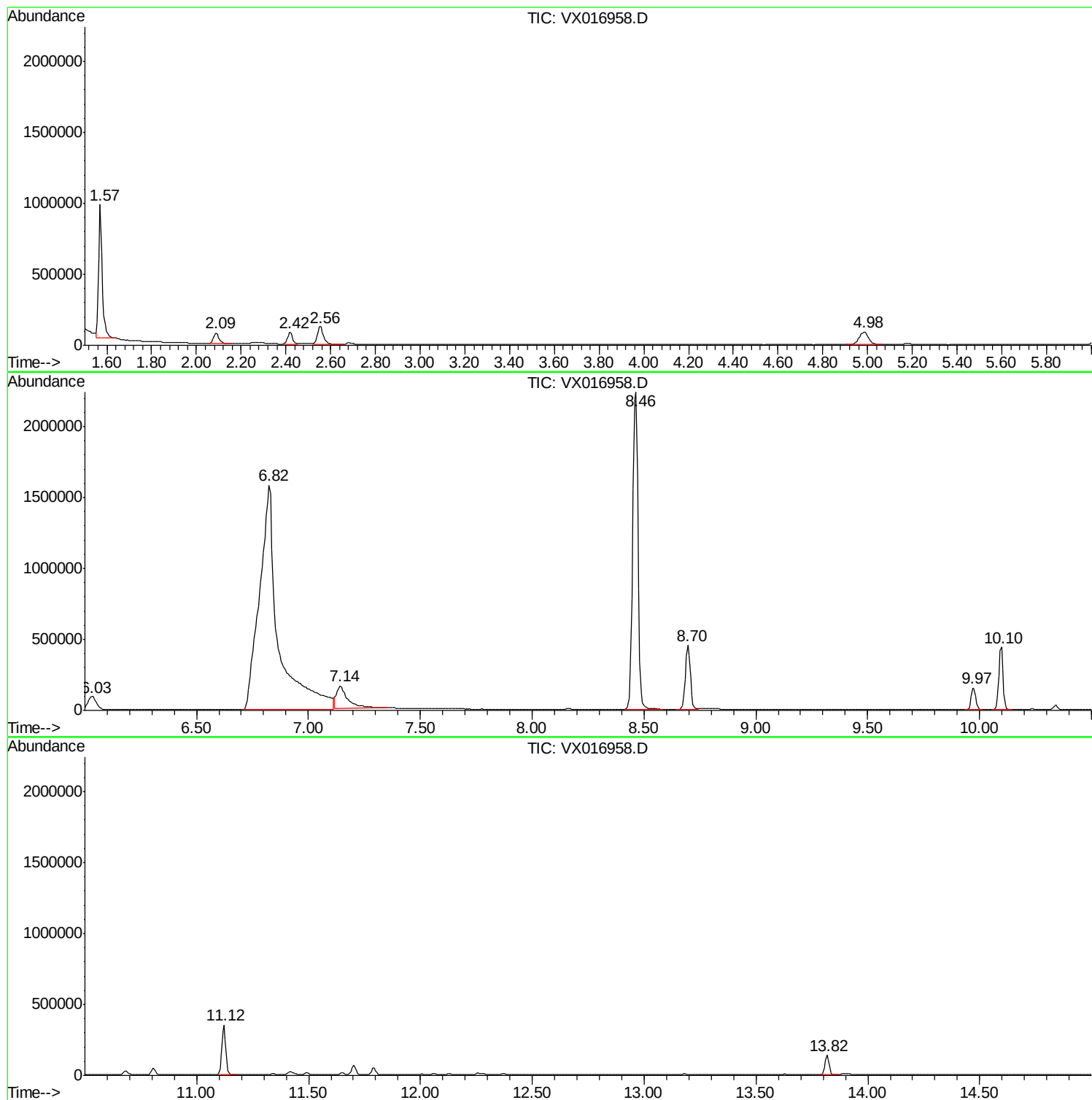
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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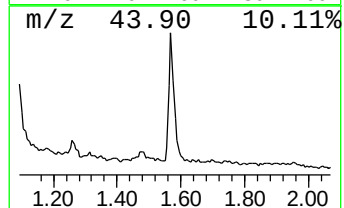
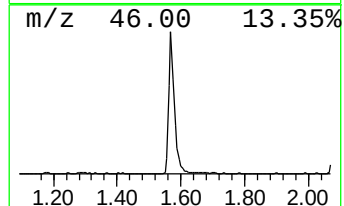
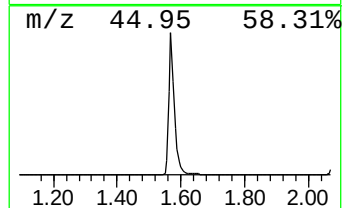
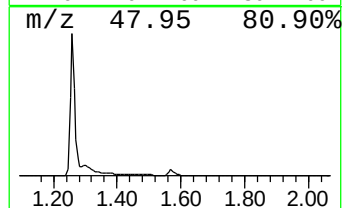
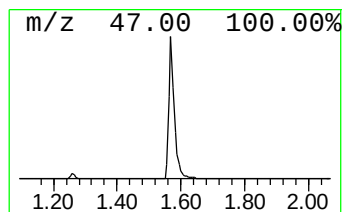
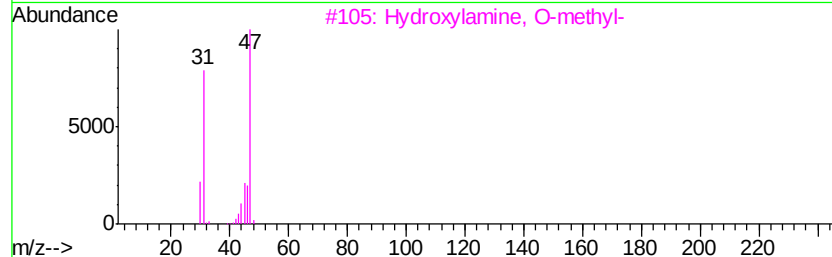
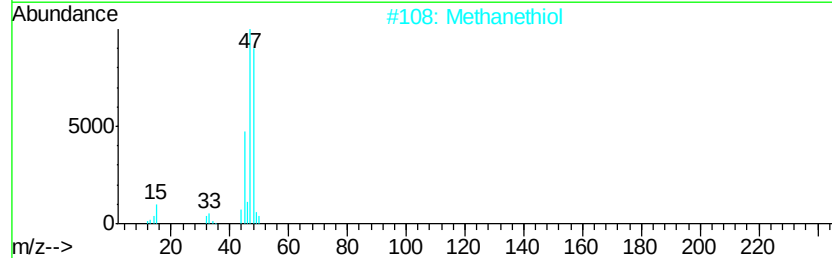
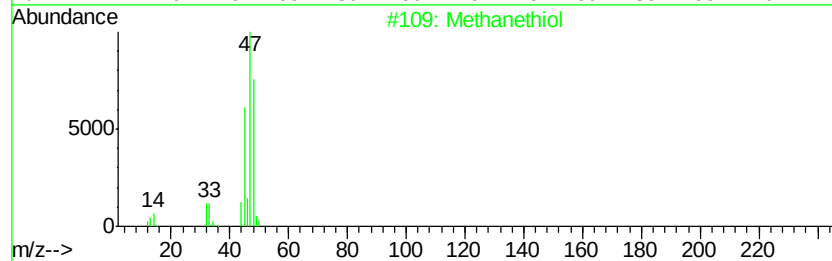
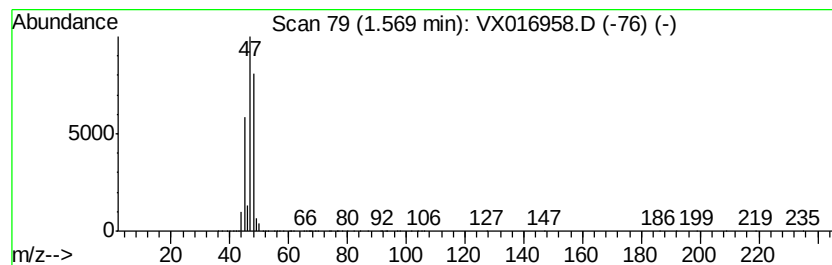
Instrument :
MSVOA_X
ClientSampled :
TW-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.57	115.20 ug/l	1054750	Bromochloromethane	4.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	9
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5



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ClientSampleId :
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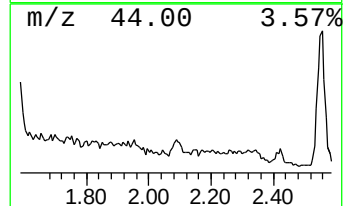
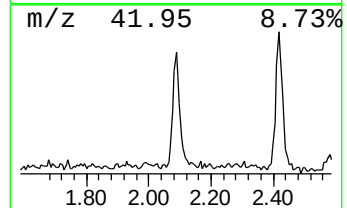
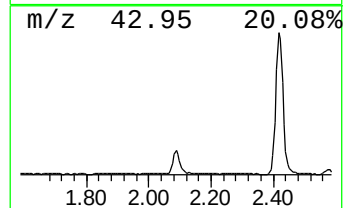
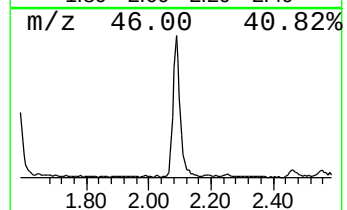
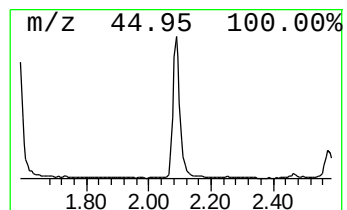
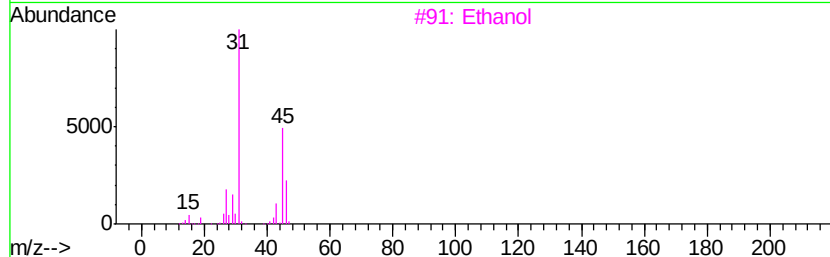
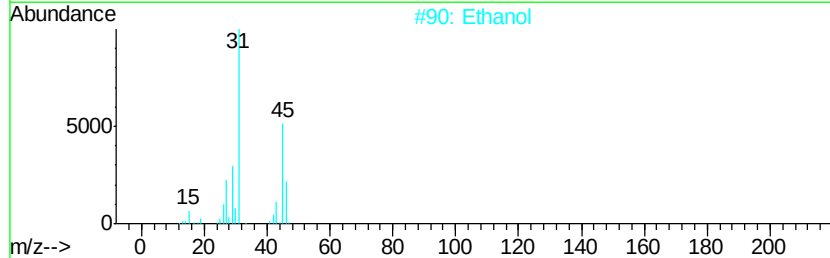
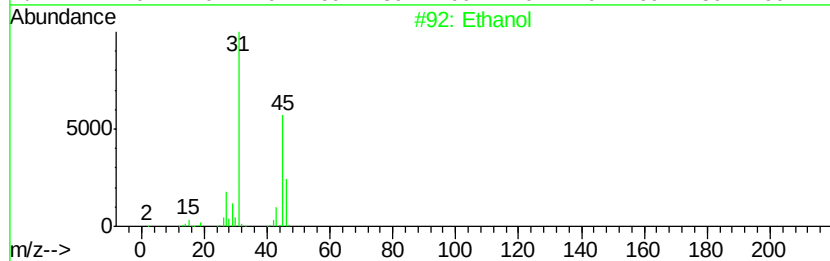
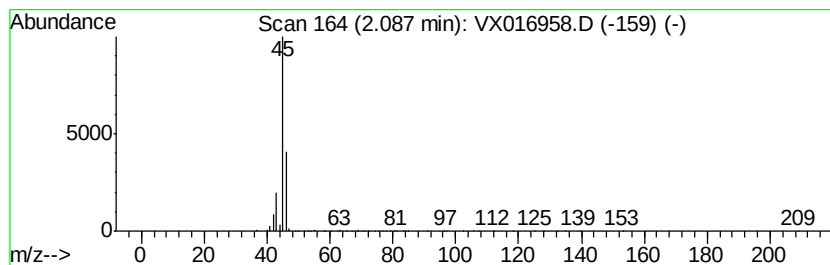
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	13.46 ug/l	123233	Bromochloromethane	4.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	64
2		Ethanol	46	C2H6O	000064-17-5	56
3		Ethanol	46	C2H6O	000064-17-5	43
4		Dimethyl ether	46	C2H6O	000115-10-6	9
5		Dimethyl ether	46	C2H6O	000115-10-6	9



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ClientSampleId :
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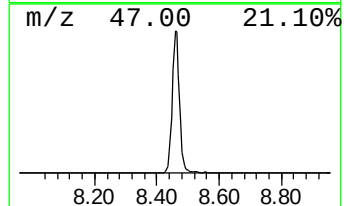
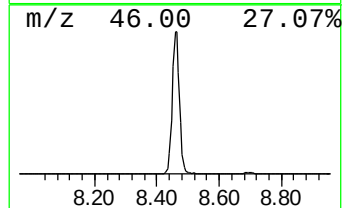
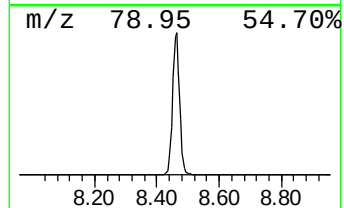
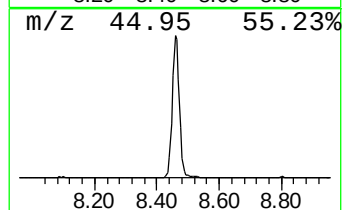
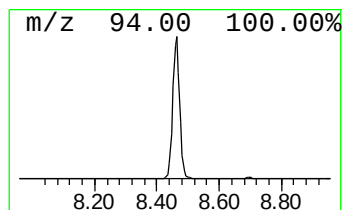
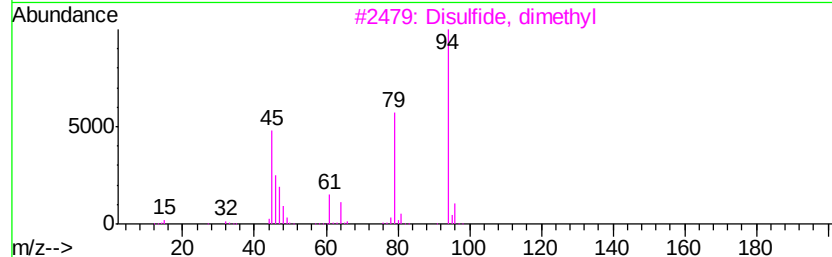
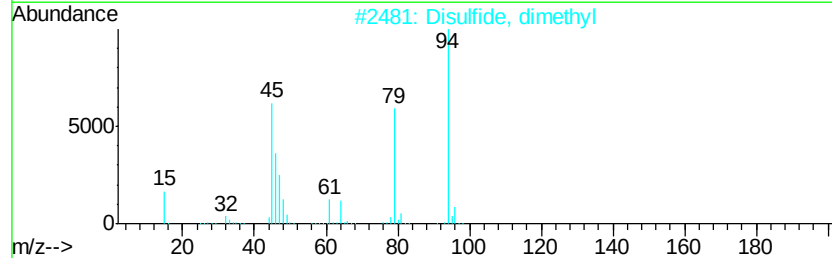
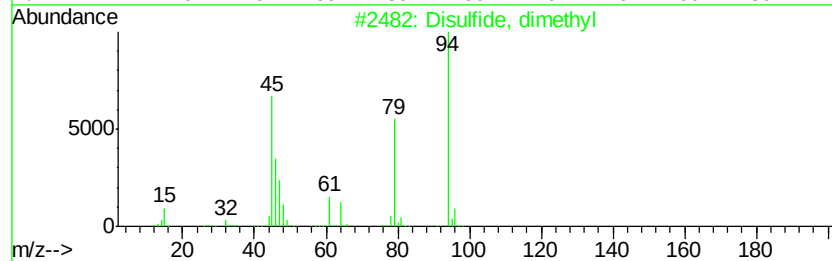
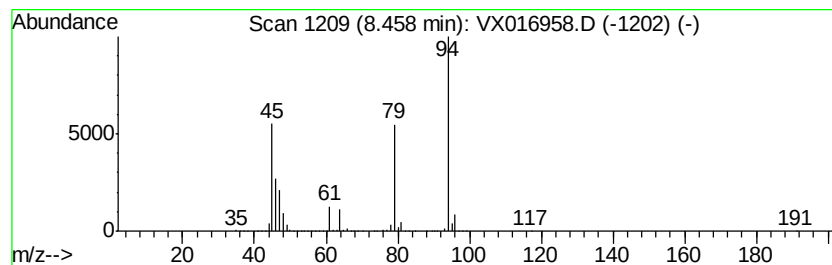
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Peak Number 3 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	11.95 ug/l	3732200	1,4-Difluorobenzene	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2		Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
3		Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
5		1,2-Ethanedithiol	94	C2H6S2	000540-63-6	52



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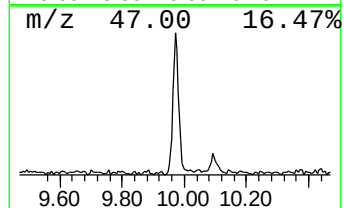
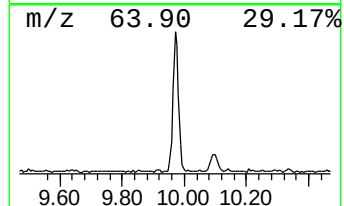
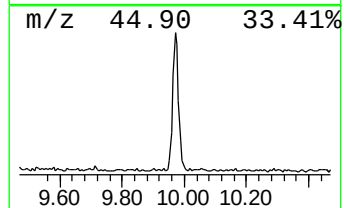
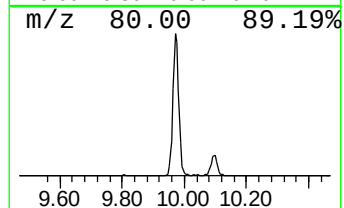
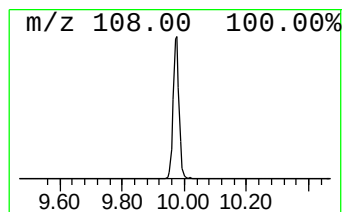
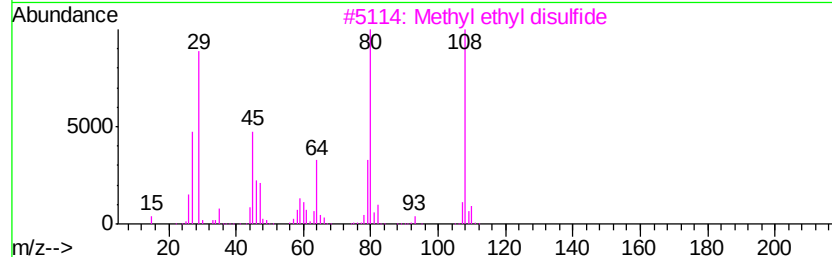
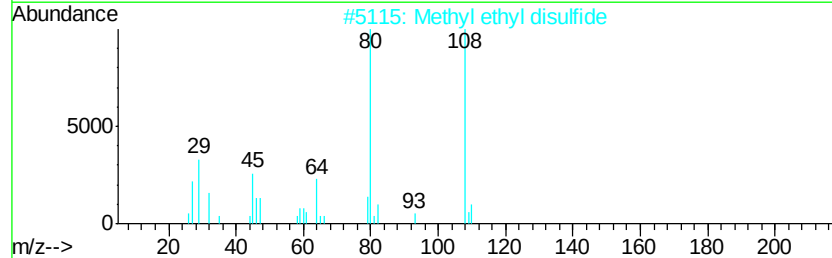
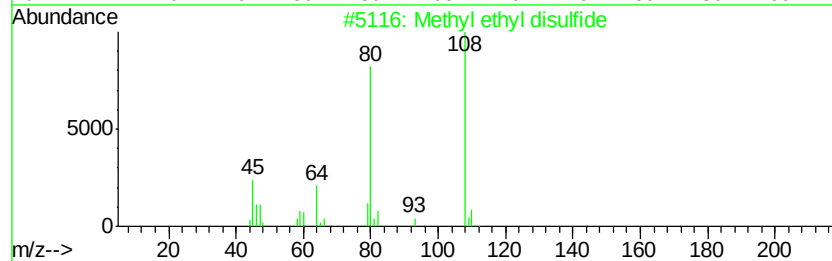
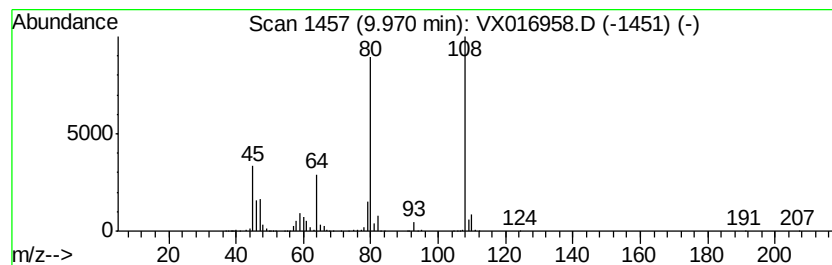
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Peak Number 4 Methyl ethyl disulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	10.84 ug/l	216255	Chlorobenzene-d5	10.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl ethyl disulfide	108	C3H8S2	020333-39-5	94
2		Methyl ethyl disulfide	108	C3H8S2	020333-39-5	94
3		Methyl ethyl disulfide	108	C3H8S2	020333-39-5	91
4		1,3-Benzenediamine	108	C6H8N2	000108-45-2	64
5		2-Pyridinemethanamine	108	C6H8N2	003731-51-9	64



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Methanethiol	1.57	115.2	ug/l	1054750	1	4.98	274674	30.0
Ethanol	2.09	13.5	ug/l	123233	1	4.98	274674	30.0
Disulfide, dimethyl	8.46	11.9	ug/l	3732200	2	6.83	9366200	30.0
Methyl ethyl disu...	9.97	10.8	ug/l	216255	3	10.10	598285	30.0