

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087514.D
 Acq On : 12 Aug 2025 15:07
 Operator : JC\MD
 Sample : Q2816-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1058-MW-11(15)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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_N\methods\82N071625W.M
 Title : SW846 8260

Signal : TIC: VN087514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.865	146	155	164	rBV	151270	353703	8.84%	2.163%
2	4.430	414	421	427	rBV2	15040	42820	1.07%	0.262%
3	4.518	427	436	452	rVB2	153275	473648	11.83%	2.896%
4	4.724	460	471	472	rBV	22065	51936	1.30%	0.318%
5	7.477	926	939	949	rBV3	155499	422239	10.55%	2.582%
6	8.153	1043	1054	1059	rBV	259412	652643	16.31%	3.991%
7	8.206	1059	1063	1074	rVB	364229	810844	20.26%	4.958%
8	8.565	1115	1124	1138	rBV	301945	690358	17.25%	4.221%
9	9.082	1201	1212	1225	rBV	657799	1358657	33.95%	8.307%
10	9.335	1245	1255	1265	rBV	325308	658044	16.44%	4.024%
11	10.365	1421	1430	1447	rBV	146022	340042	8.50%	2.079%
12	10.547	1453	1461	1472	rBV	1027195	1916742	47.89%	11.720%
13	11.082	1540	1552	1562	rBV	2171933	4002146	100.00%	24.471%
14	11.847	1674	1682	1693	rBV	927587	1685623	42.12%	10.307%
15	12.829	1840	1849	1865	rBV	710059	1280416	31.99%	7.829%
16	13.770	2001	2009	2026	rBV	923569	1614985	40.35%	9.875%

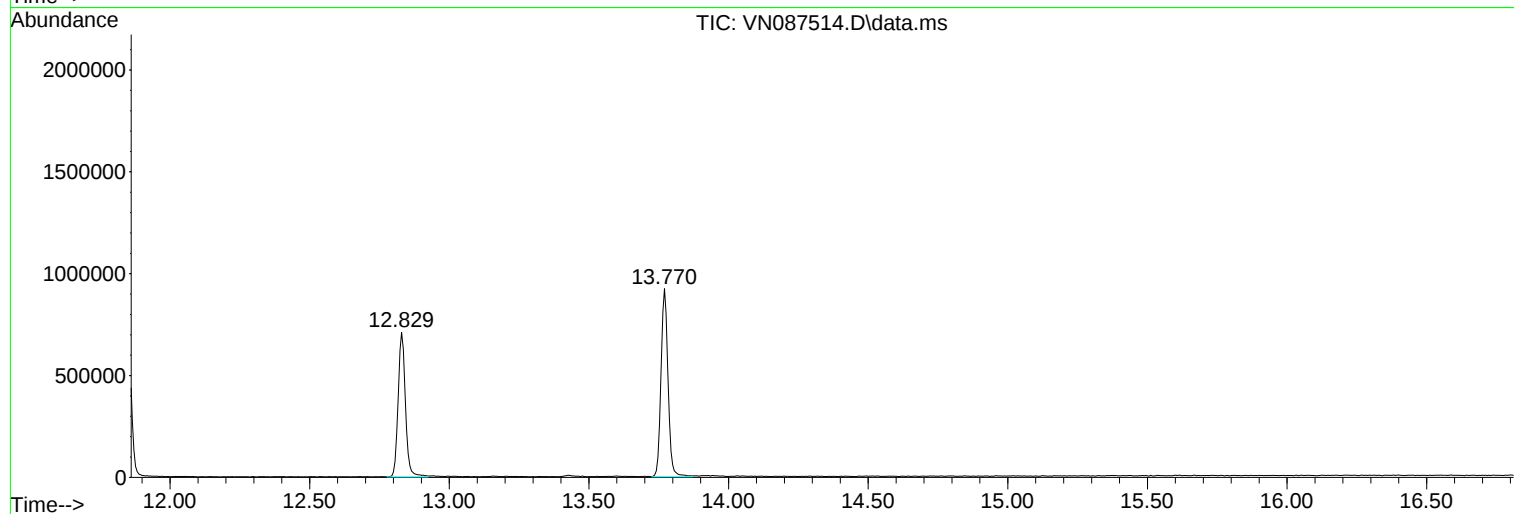
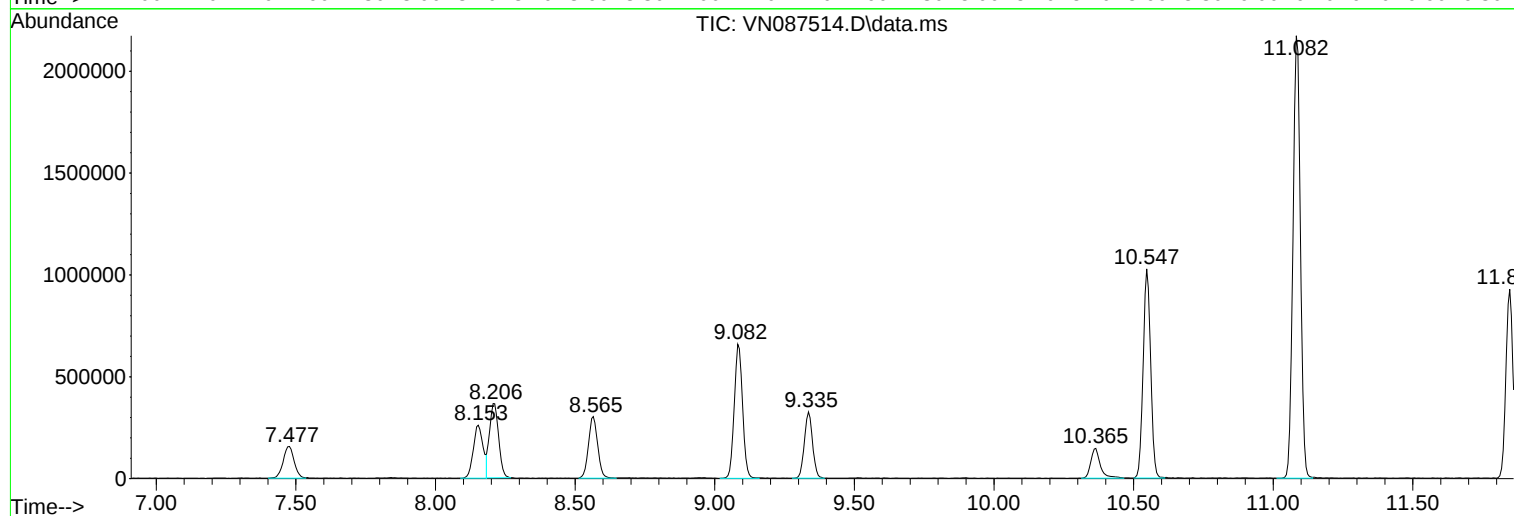
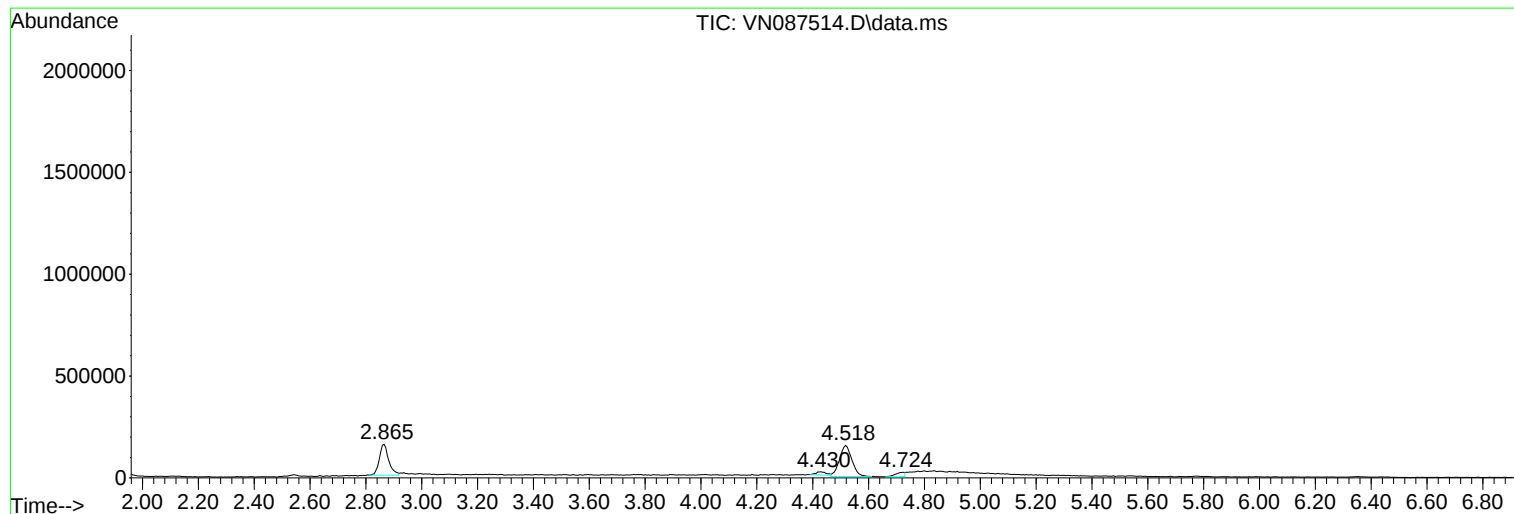
Sum of corrected areas: 16354846

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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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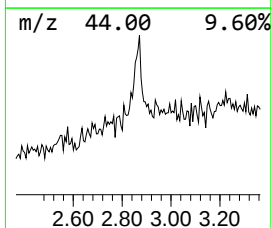
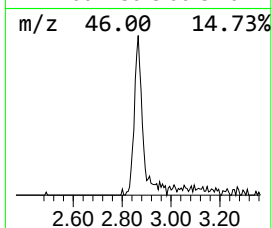
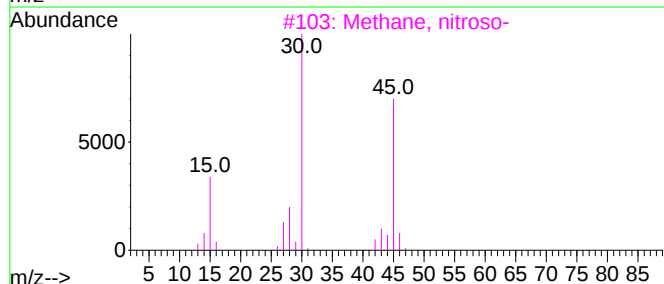
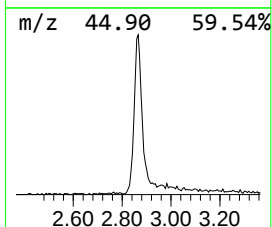
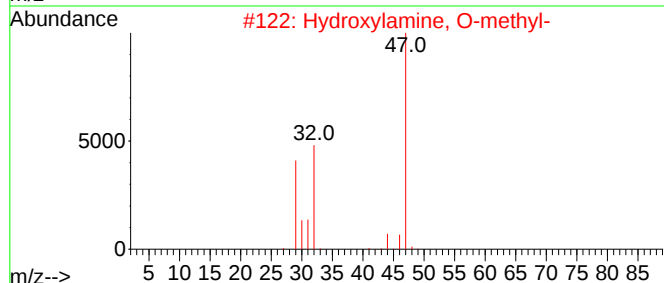
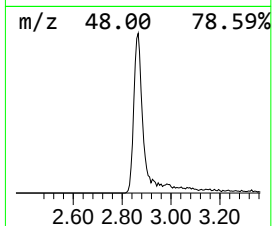
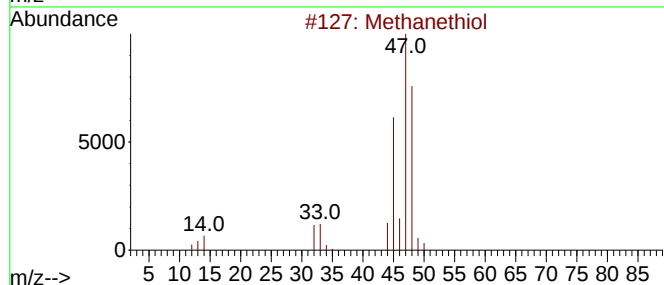
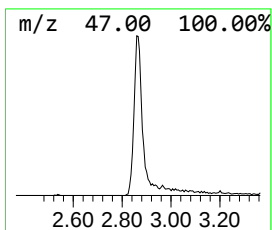
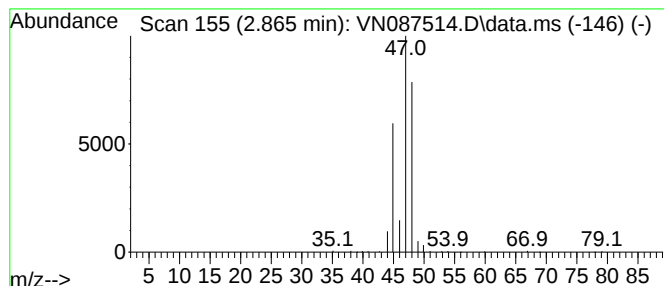
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.865	21.81 ug/l	353703	Pentafluorobenzene	8.212

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	91
2			Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
3			Methane, nitroso-	45	CH3NO	000865-40-7	5
4			Ethanol	46	C2H6O	000064-17-5	4
5			Ethane, fluoro-	48	C2H5F	000353-36-6	4



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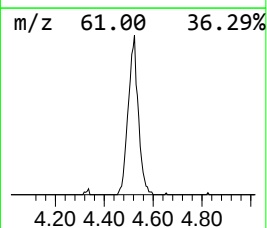
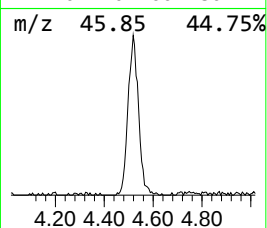
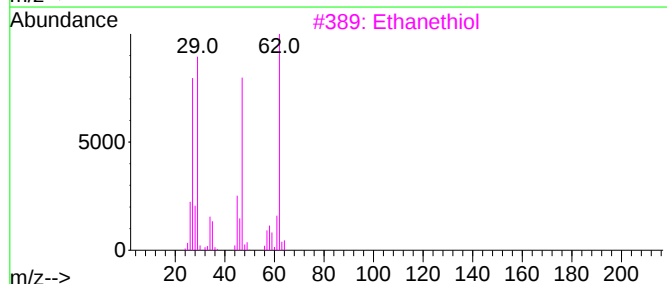
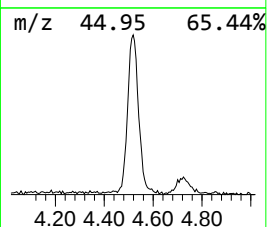
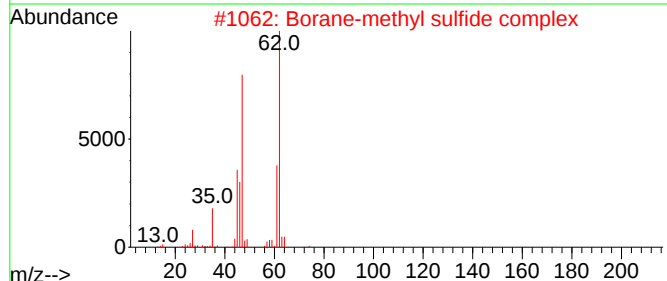
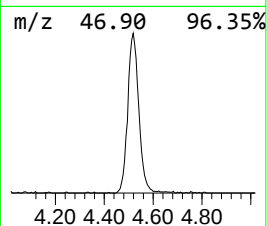
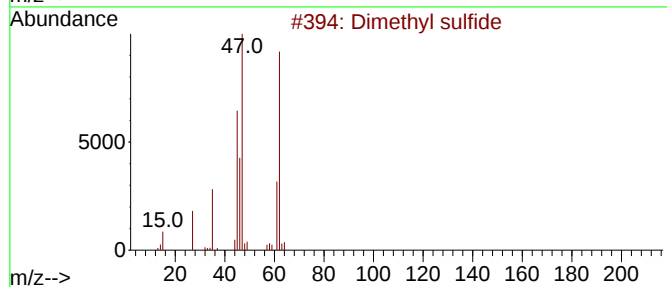
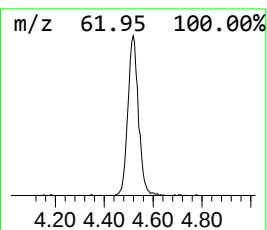
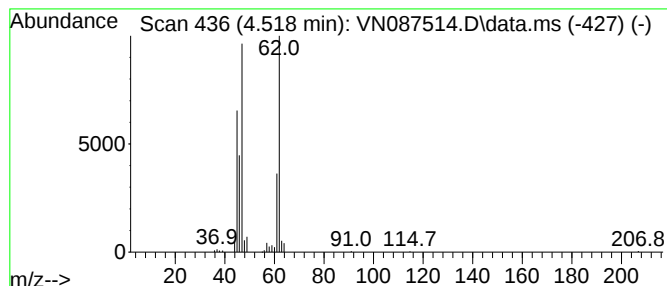
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Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.518	29.21 ug/l	473648	Pentafluorobenzene	8.212

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	78
3			Ethanethiol	62	C2H6S	000075-08-1	72
4			Propanoic acid, 2,3-dichloro-	142	C3H4Cl2O2	000565-64-0	33
5			Acetic acid, mercapto-, methyl e...	106	C3H6O2S	002365-48-2	22



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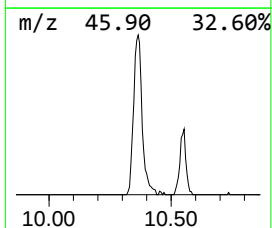
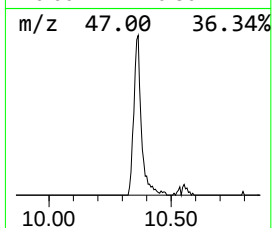
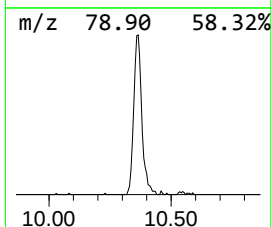
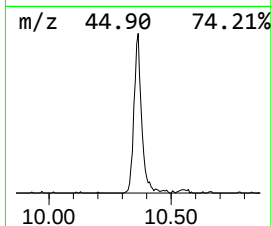
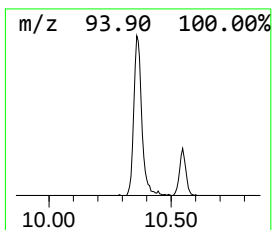
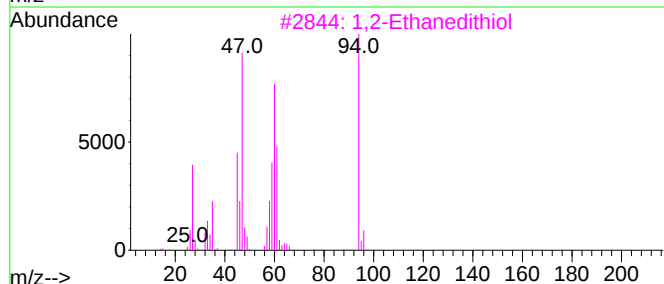
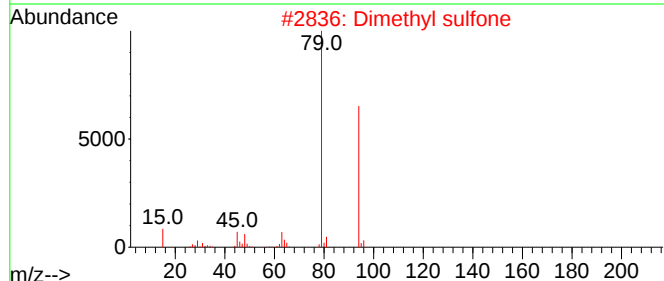
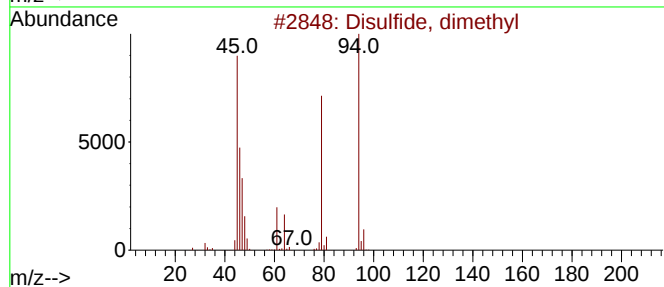
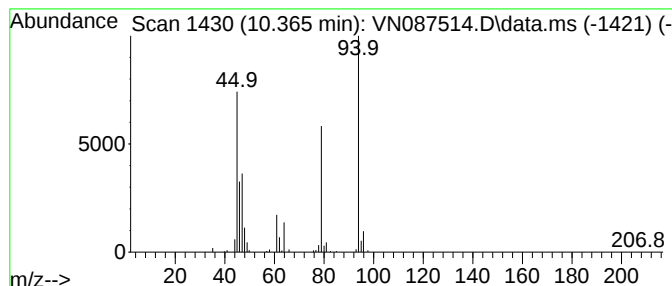
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Peak Number 3 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.365	12.51 ug/l	340042	1,4-Difluorobenzene	9.082

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2			Dimethyl sulfone	94	C2H6O2S	000067-71-0	72
3			1,2-Ethanedithiol	94	C2H6S2	000540-63-6	37
4			2-Hexen-4-yne, 2-methyl-	94	C7H10	058275-93-7	12
5			Chloroformic acid 2-methoxyethyl...	138	C4H7ClO3	1000431-21-7	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	2.865	21.8	ug/l	353703	1	8.212	810844	50.0
Dimethyl sulfide	4.518	29.2	ug/l	473648	1	8.212	810844	50.0
Disulfide, dime...	10.365	12.5	ug/l	340042	2	9.082	1358660	50.0