LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092018\
Data File : VN051346.D
Acq On : 20 Sep 2018 18:06
Operator : MD\SY
Sample : J5018-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WASTE-TANK-9-19-18

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\82N092018W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.085	82	97	100	rBV	138578	333616	7.69%	1.277%
2	2.458	203	213	241	rBV	635958	1431146	33.00%	5.479%
3	3.896	646	660	677	rVB	72464	186369	4.30%	0.714%
4	4.060	691	711	727	rBV2	29662	93184	2.15%	0.357%
5	6.834	1553	1574	1598	rBV3	109914	331922	7.65%	1.271%
6	7.375	1724	1742	1761	rBV	57915	152251	3.51%	0.583%
7	7.593	1791	1810	1821	rBV	578479	1448935	33.41%	5.548%
8	7.667	1821	1833	1857	rVB	920782	2185106	50.39%	8.366%
9	8.030	1925	1946	1973	rBV3	565277	1382640	31.88%	5.294%
10	8.262	1990	2018	2021	rBV3	51078	205959	4.75%	0.789%
11	8.587	2103	2119	2155	rVB	1239985	2590386	59.74%	9.918%
12	8.838	2178	2197	2216	rVB	229199	483311	11.15%	1.850%
13	9.911	2513	2531	2569	rBV3	153912	514836	11.87%	1.971%
14	10.091	2569	2587	2632	rVB	2303621	4336336	100.00%	16.602%
15	10.291	2632	2649	2663	rBV2	14168	46613	1.07%	0.178%
16	10.500	2700	2714	2724	rBV	127576	273347	6.30%	1.047%
17	10.632	2741	2755	2787	rVB	1170364	2131040	49.14%	8.159%
18	11.407	2980	2996	3021	rBV	1613934	2904279	66.98%	11.120%
19	12.403	3291	3306	3333	rBV	1413411	2494260	57.52%	9.550%
20	12.988	3476	3488	3499	rBV2	47697	85665	1.98%	0.328%
21	13.342	3586	3598	3616	rVB	1486853	2507437	57.82%	9.600%

Sum of corrected areas: 26118638

LSC Report - Integrated Chromatogram

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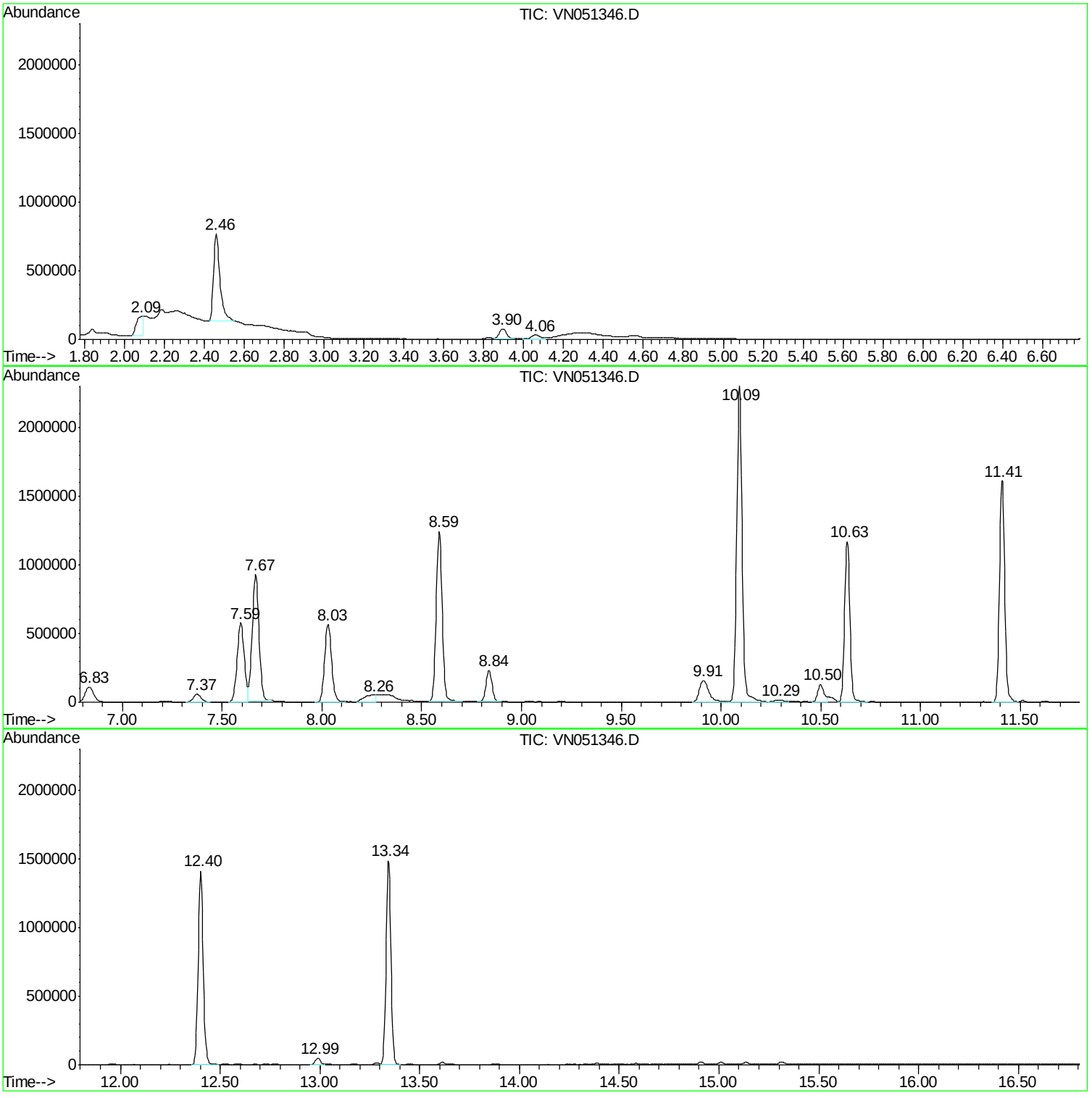
ClientSampleId : WASTE-TANK-9-19-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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

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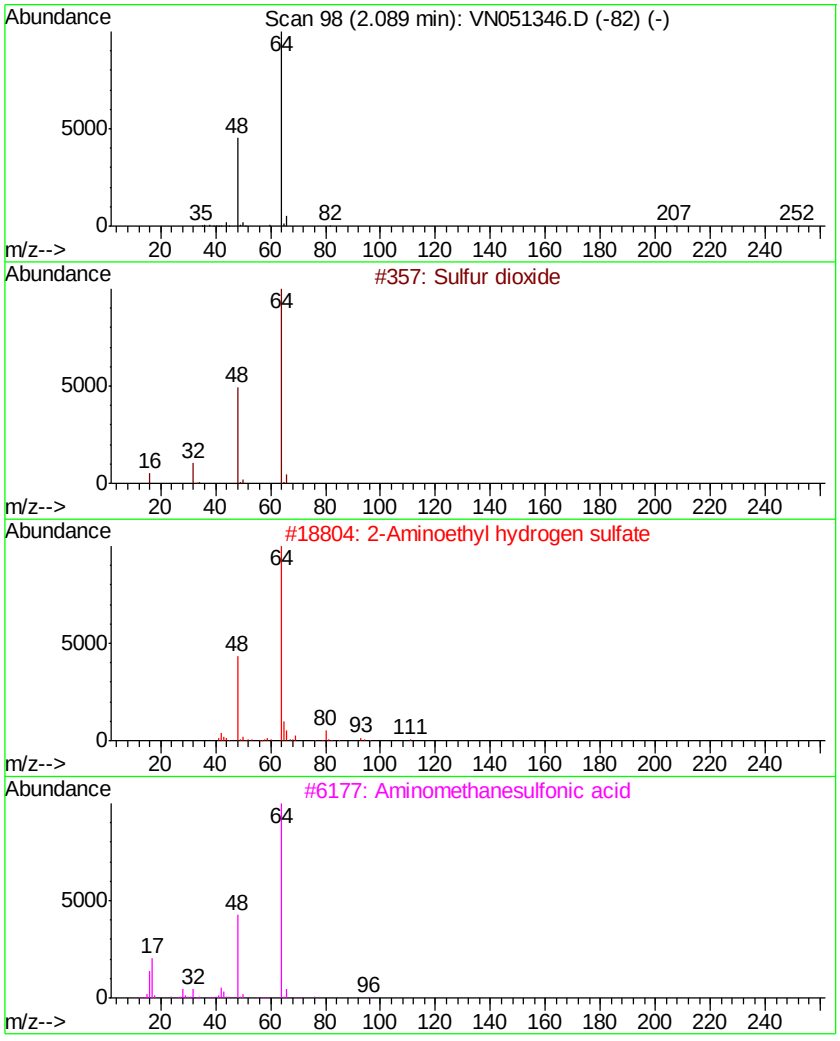
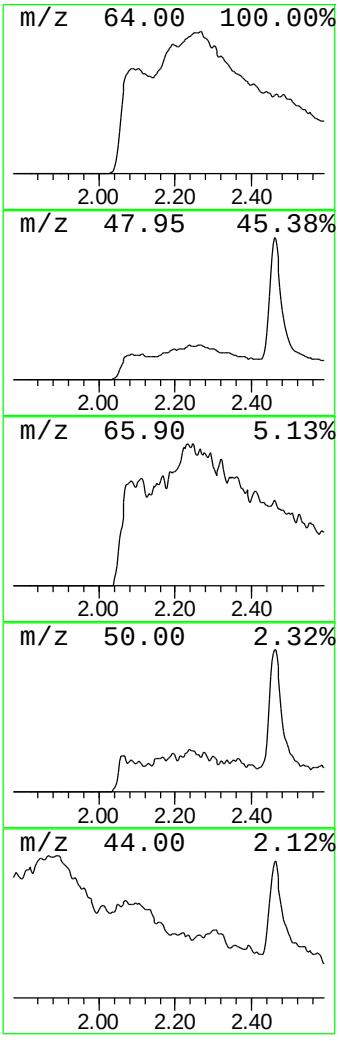
Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	7.63 ug/l	333616	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5





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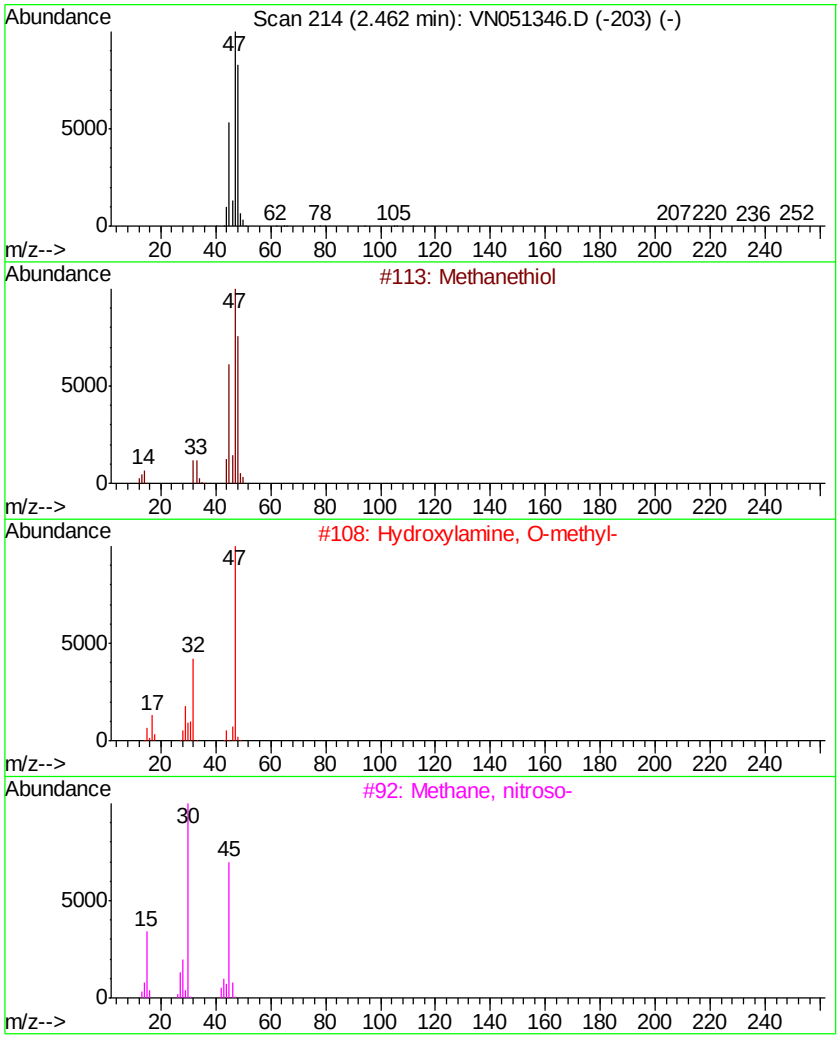
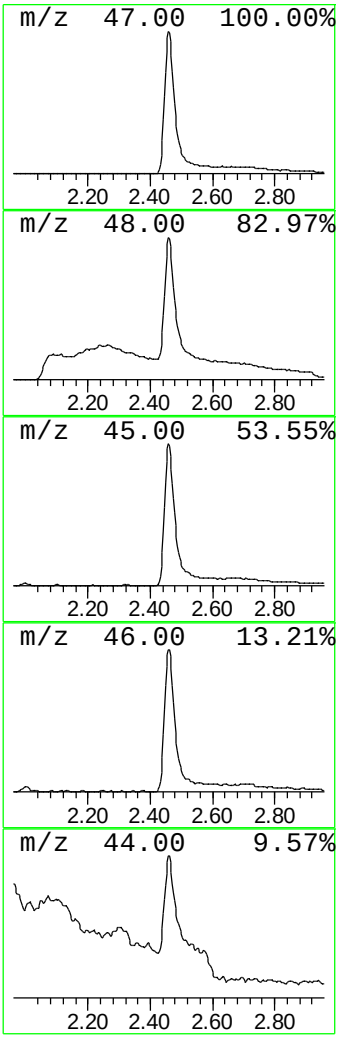
Peak Number 2 Methanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.46	32.75 ug/l	1431150	Pentafluorobenzene	7.67

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	Ethane, fluoro-	48	C2H5F	000353-36-6	4
5	Formamide	45	CH3NO	000075-12-7	4





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260

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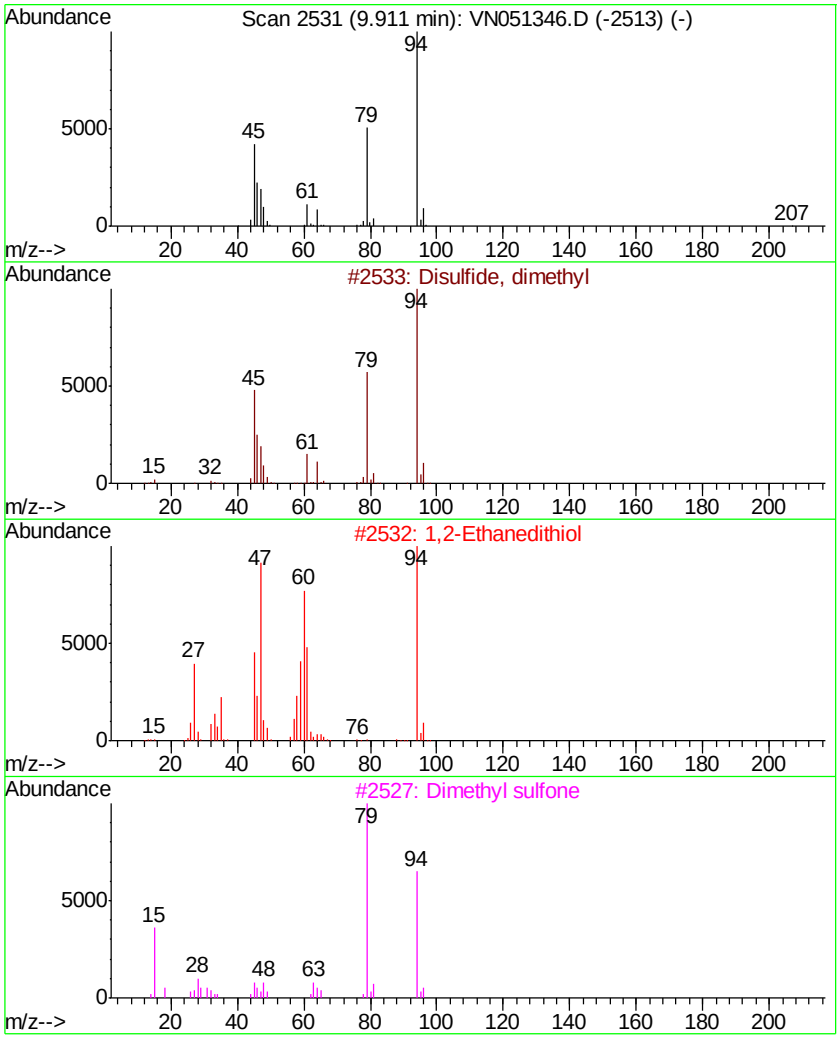
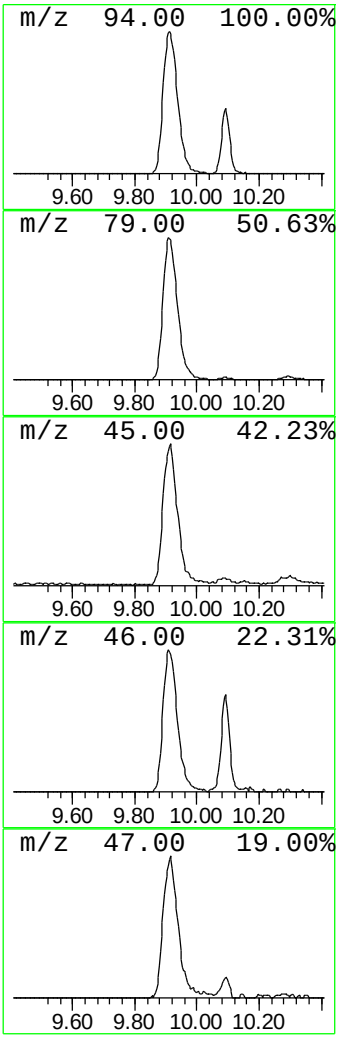
Peak Number 3 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	9.94 ug/l	514836	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
2	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	58
3	Dimethyl sulfone	94	C2H6O2S	000067-71-0	46
4	Phosphonic acid, (3-methyl-2-oxo...	206	C8H15O4P	054543-04-3	39
5	S-(2,2,2-Trifluoroethyl) methane...	194	C3H5F3O2S2	069466-44-0	23





Tentatively Identified Compound (LSC) summary

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ClientSampleId : WASTE-TANK-9-19-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.09	7.6	ug/l	333616	1	7.67	2185110	50.0
Methanethiol	2.46	32.8	ug/l	1431150	1	7.67	2185110	50.0
Disulfide, dimethyl	9.91	9.9	ug/l	514836	2	8.59	2590390	50.0