

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
 Data File : VV013676.D
 Acq On : 19 Nov 2019 14:21
 Operator : SY/MD
 Sample : K5910-09DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ2DL

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_V\METHOD\SOMVTR111519WMA.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	1.116	4	8	15	rVB	21411	20170	1.49%	0.149%
2	1.225	38	42	46	rBV	18185	14545	1.07%	0.107%
3	1.312	60	69	84	rBV2	236734	370770	27.36%	2.739%
4	1.582	145	153	164	rVB	160378	185820	13.71%	1.372%
5	2.126	313	322	333	rVB	288560	393820	29.06%	2.909%
6	2.531	437	448	458	rBV5	11874	22907	1.69%	0.169%
7	2.691	486	498	508	rBV4	20588	45237	3.34%	0.334%
8	3.302	667	688	710	rBV2	490940	1231206	90.84%	9.094%
9	3.958	879	892	927	rBV2	137343	575610	42.47%	4.251%
10	4.399	1010	1029	1048	rBV	251561	597724	44.10%	4.415%
11	5.093	1228	1245	1269	rBV2	556139	1355383	100.00%	10.011%
12	5.659	1407	1421	1443	rBV	401765	808584	59.66%	5.972%
13	5.955	1498	1513	1535	rBV2	451395	879417	64.88%	6.495%
14	6.116	1547	1563	1587	rBV	318040	651253	48.05%	4.810%
15	7.029	1834	1847	1862	rBV2	145703	269117	19.86%	1.988%
16	7.357	1935	1949	1966	rBV	610403	1073578	79.21%	7.930%
17	7.662	2032	2044	2055	rBV	92687	161568	11.92%	1.193%
18	8.138	2179	2192	2242	rBV	544455	1323528	97.65%	9.776%
19	8.891	2413	2426	2447	rBV	604994	1002822	73.99%	7.407%
20	10.257	2839	2851	2862	rBV	245195	387258	28.57%	2.860%
21	11.289	3159	3172	3194	rBV	550282	872130	64.35%	6.442%
22	11.665	3275	3289	3310	rBV	602091	971449	71.67%	7.175%
23	11.788	3317	3327	3338	rVB2	38589	63495	4.68%	0.469%
24	12.353	3493	3503	3513	rBV	19820	32922	2.43%	0.243%
25	12.537	3547	3560	3572	rBV2	99381	157225	11.60%	1.161%
26	12.919	3668	3679	3687	rBV5	13669	22013	1.62%	0.163%
27	13.566	3870	3880	3886	rBV5	7126	14297	1.05%	0.106%
28	14.427	4139	4148	4156	rBV2	22116	35160	2.59%	0.260%

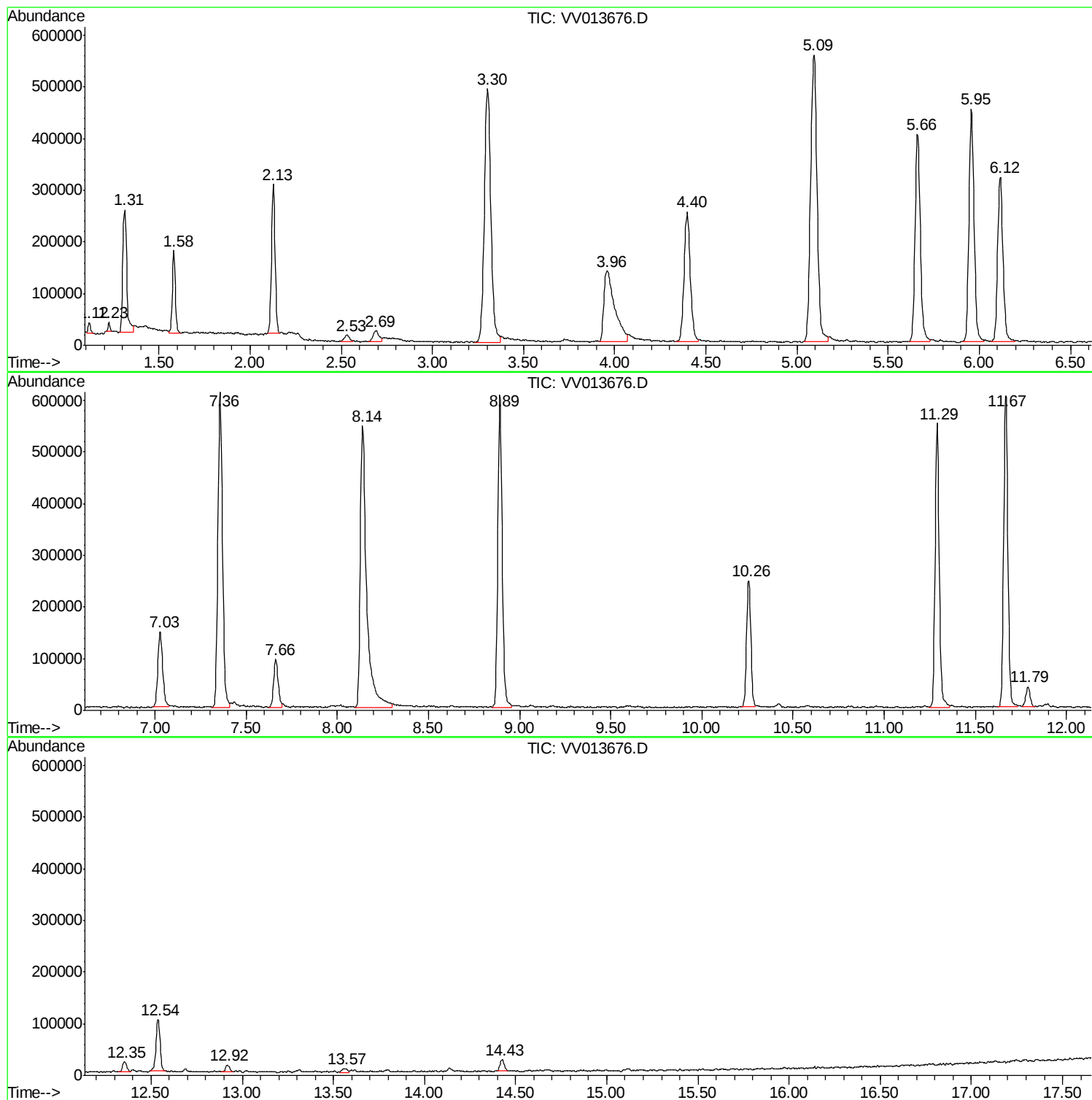
Sum of corrected areas: 13539008

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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



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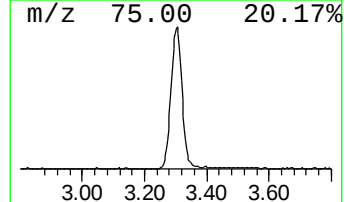
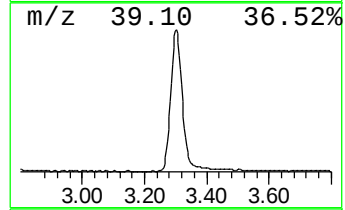
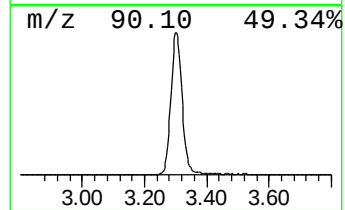
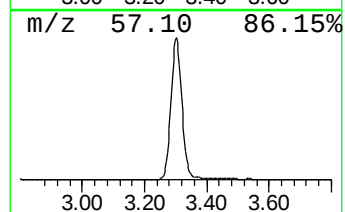
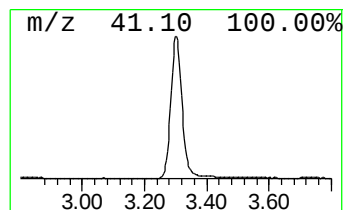
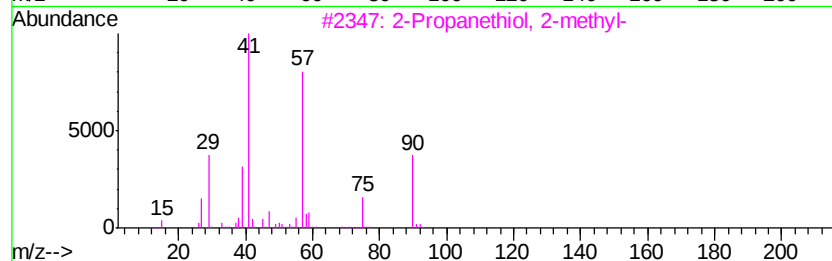
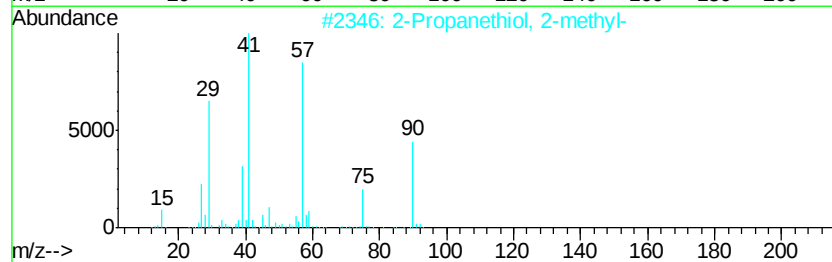
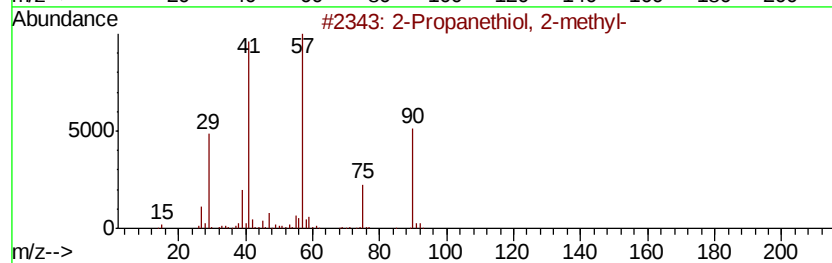
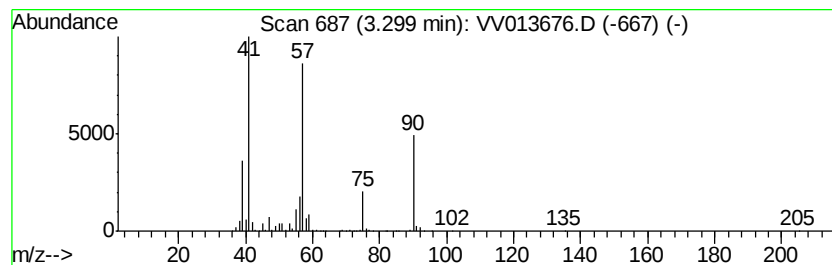
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 2-Propanethiol, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	7.61 ug/L	1231210	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	91
2			2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	80
3			2-Propanethiol, 2-methyl-	90	C4H10S	000075-66-1	78
4			Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	16
5			Butane, 1-nitro-	103	C4H9NO2	000627-05-4	16



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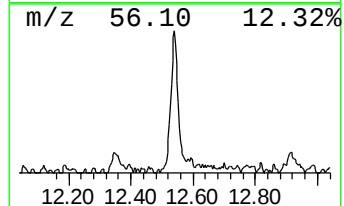
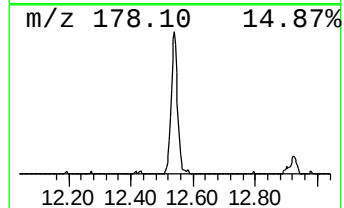
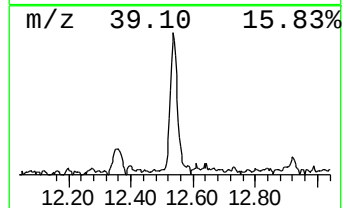
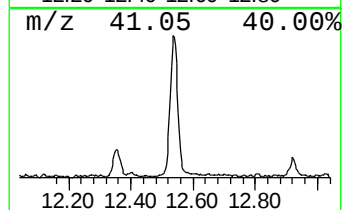
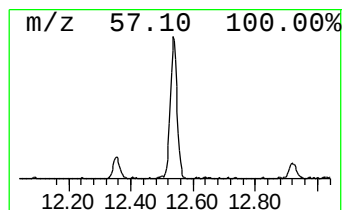
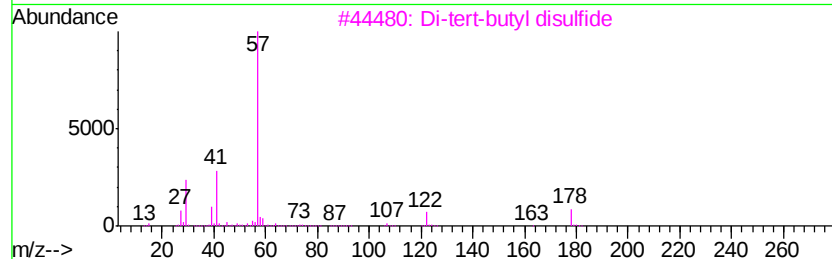
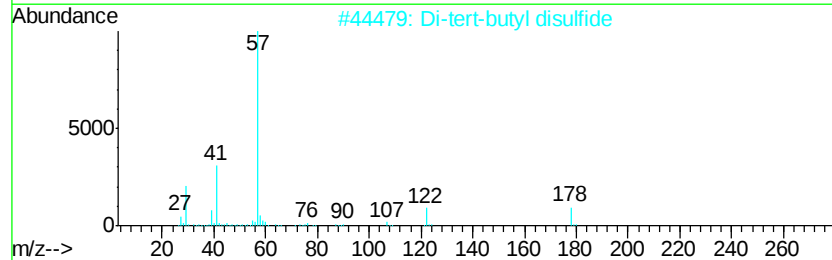
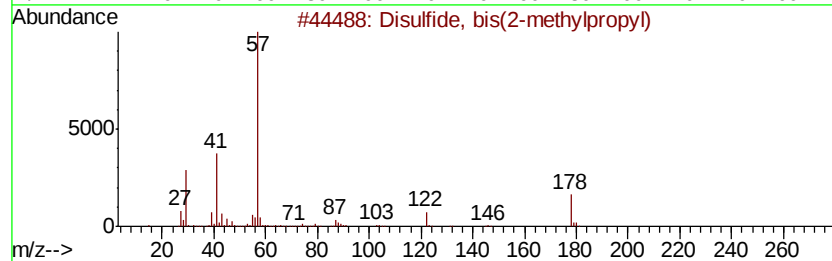
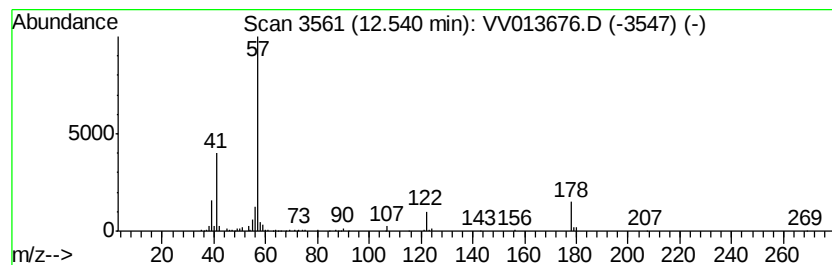
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Peak Number 3 Disulfide, bis(2-methylpropyl) Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.90 ug/L	157225	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, bis(2-methylpropyl)	178	C8H18S2	001518-72-5	59
2		Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	58
3		Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	53
4		Disulfide, bis(1-methylpropyl)	178	C8H18S2	005943-30-6	50
5		Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Propanethiol, 2...	3.30	7.6	ug/L	1231210	1	5.66	808584	5.0
Disulfide, bis(2-...	12.54	0.9	ug/L	157225	3	11.29	872130	5.0