

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035081.D
 Acq On : 11 Oct 2019 11:35
 Operator : JC/SP
 Sample : K5310-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-2-001-02

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_U\METHOD\SOMUTR100719WMA.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	1.177	22	27	40	rBV2	23458	24335	2.96%	0.341%
2	1.395	83	95	107	rBV2	286849	343697	41.80%	4.821%
3	1.511	114	131	139	rBV4	32595	86089	10.47%	1.207%
4	1.672	175	181	194	rVB	62669	81882	9.96%	1.148%
5	2.260	355	364	378	rVB	95100	142963	17.38%	2.005%
6	2.366	385	397	419	rBV	400283	668913	81.34%	9.382%
7	2.823	532	539	552	rVB3	11751	23938	2.91%	0.336%
8	2.961	569	582	604	rBV	448181	822337	100.00%	11.534%
9	4.103	922	937	951	rBV4	21079	55709	6.77%	0.781%
10	4.199	951	967	1020	rVV4	86313	375144	45.62%	5.262%
11	4.624	1082	1099	1124	rBV2	92888	222544	27.06%	3.121%
12	5.315	1288	1314	1341	rBV2	175924	503465	61.22%	7.061%
13	5.865	1470	1485	1510	rBV	185722	375332	45.64%	5.264%
14	6.167	1558	1579	1606	rBV7	21875	72426	8.81%	1.016%
15	6.308	1606	1623	1649	rBV	126858	261993	31.86%	3.675%
16	7.212	1891	1904	1918	rBV2	51827	100285	12.20%	1.407%
17	7.546	1996	2008	2023	rBV	205629	374469	45.54%	5.252%
18	7.617	2023	2030	2048	rVB	17421	35821	4.36%	0.502%
19	7.836	2088	2098	2117	rBV2	29688	58906	7.16%	0.826%
20	8.160	2187	2199	2206	rBV3	10763	19866	2.42%	0.279%
21	8.209	2206	2214	2228	rVB4	16597	28905	3.51%	0.405%
22	8.302	2229	2243	2279	rBV	298515	684343	83.22%	9.598%
23	9.070	2470	2482	2516	rBV2	287294	712714	86.67%	9.996%
24	10.414	2889	2900	2917	rBV	114558	192936	23.46%	2.706%
25	10.588	2942	2954	2965	rBV2	14194	23754	2.89%	0.333%
26	11.466	3216	3227	3258	rVB	236738	444307	54.03%	6.232%
27	11.842	3332	3344	3373	rVB	220679	392778	47.76%	5.509%

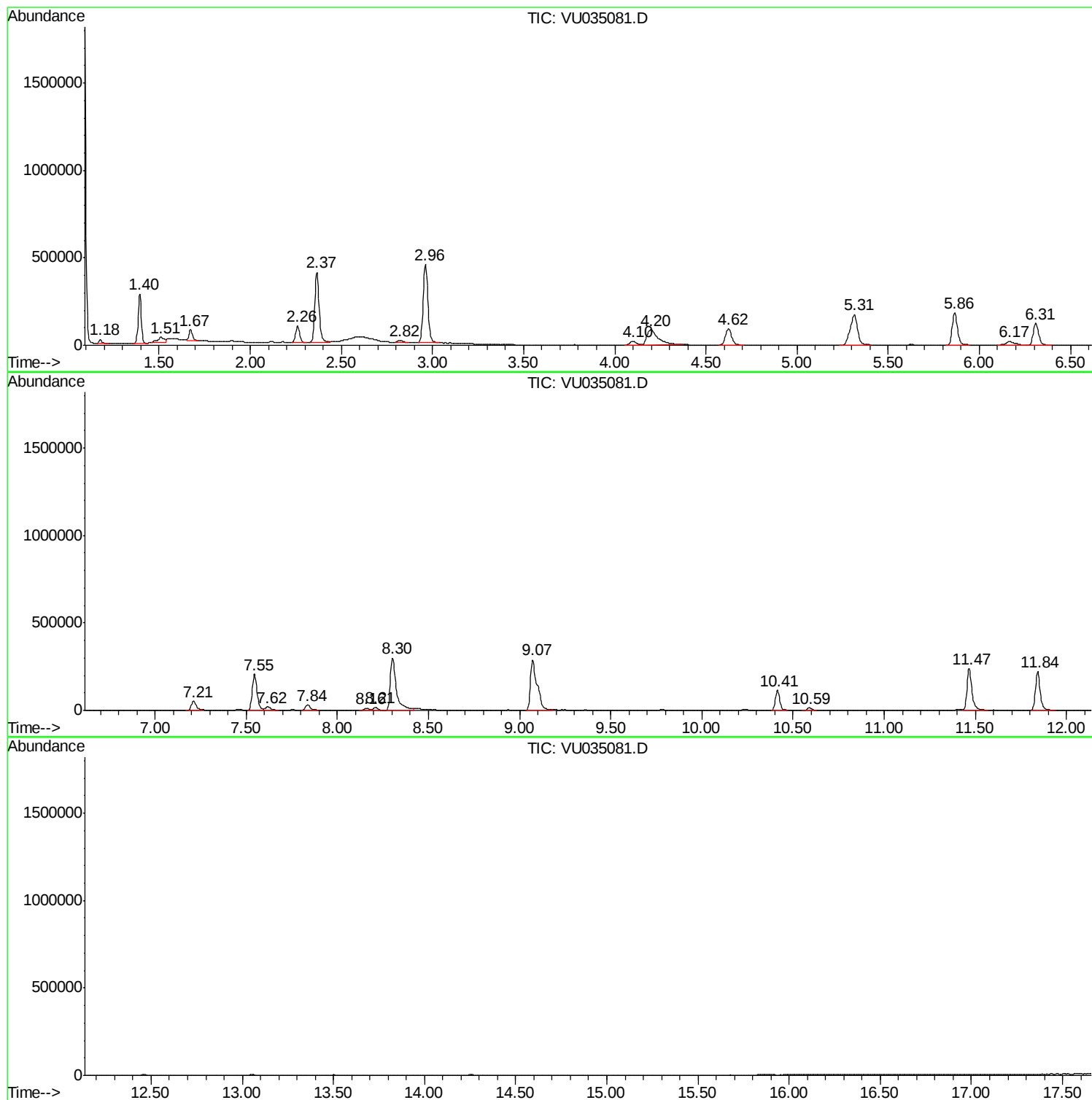
Sum of corrected areas: 7129851

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument :
MSVOA_U
ClientSampled :
IW-2-001-02

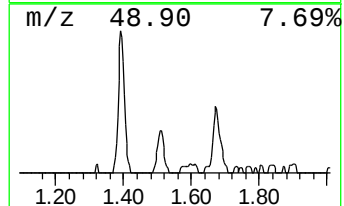
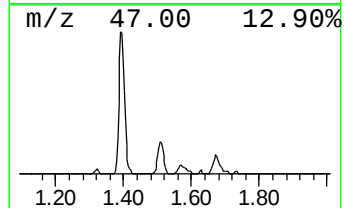
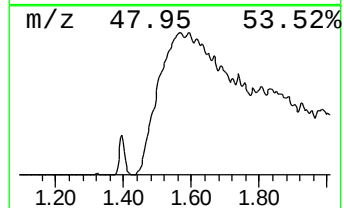
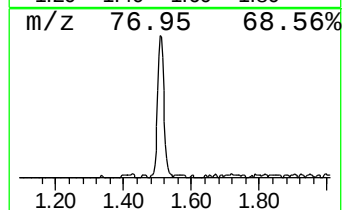
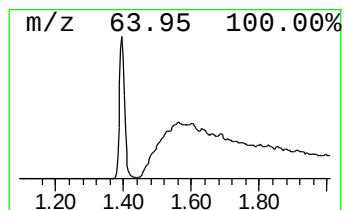
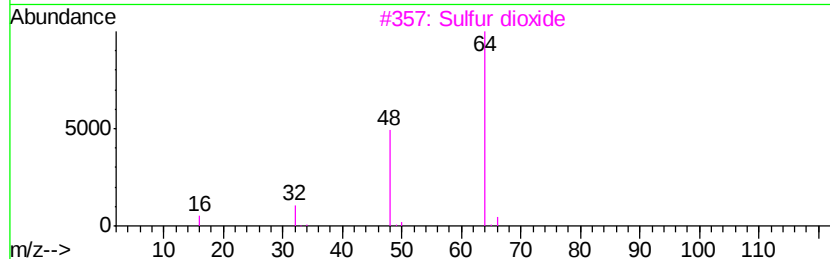
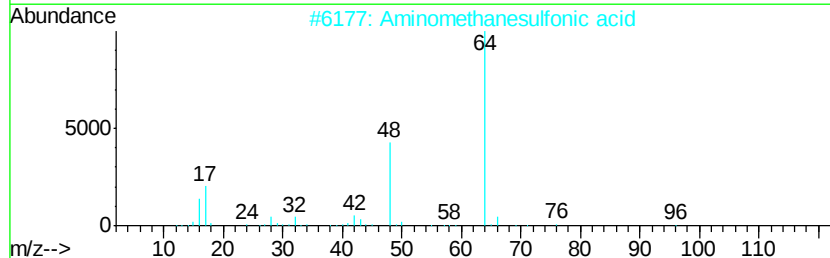
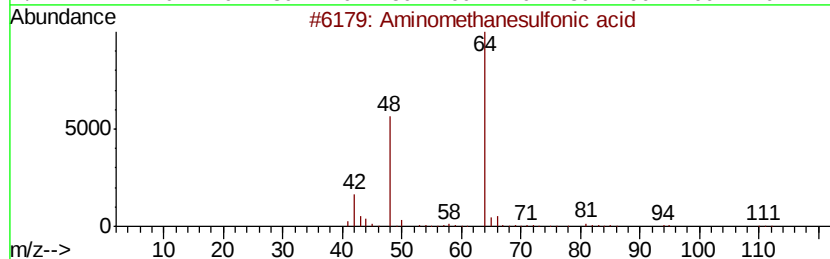
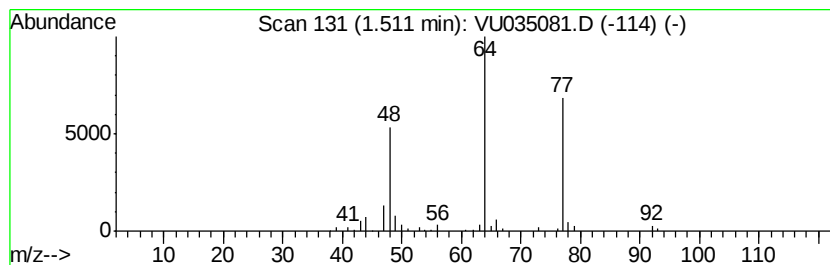
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Aminomethanesulfonic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	1.15 ug/L	86089	1,4-Difluorobenzene	5.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	56
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	56
3			Sulfur dioxide	64	O2S	007446-09-5	56
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	56
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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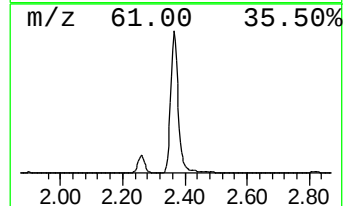
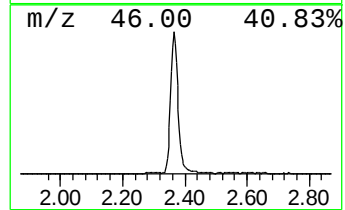
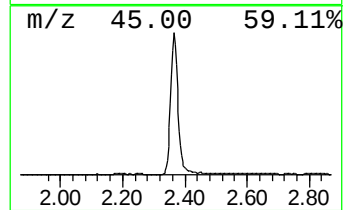
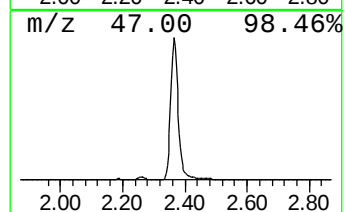
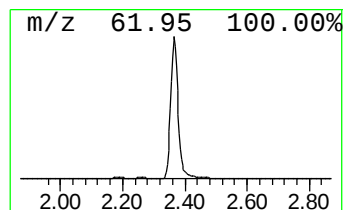
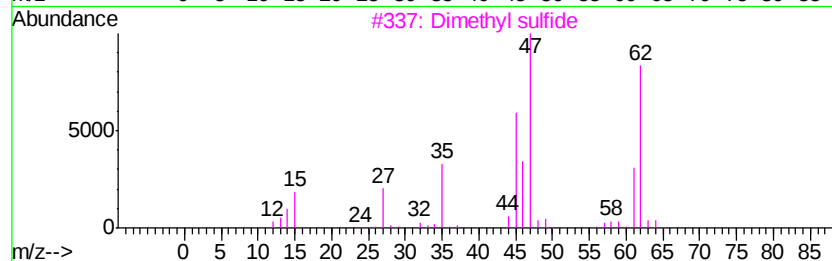
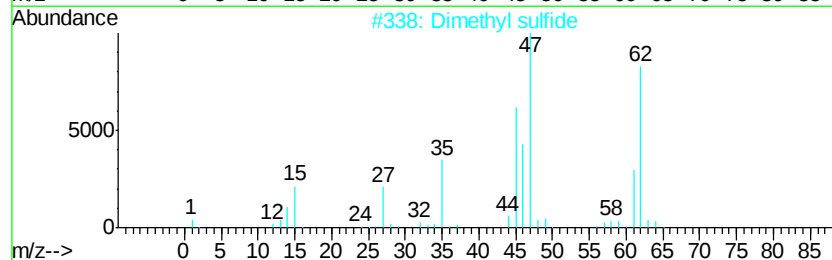
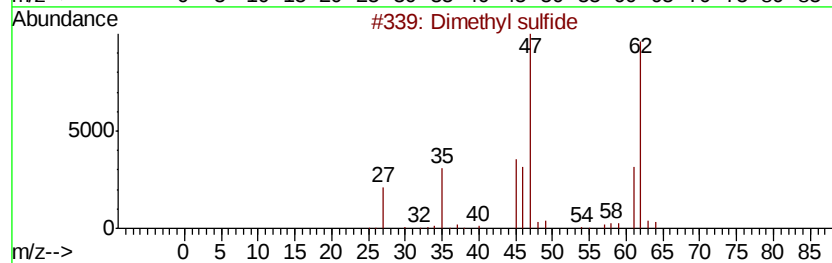
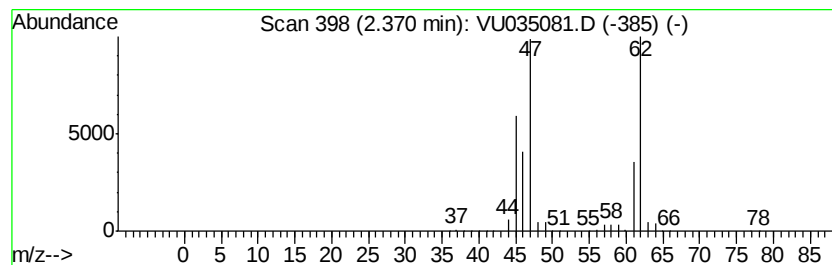
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	8.91 ug/L	668913	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	94
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83



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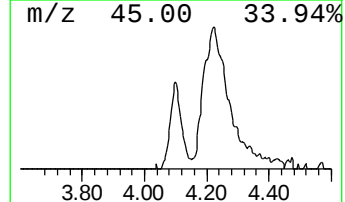
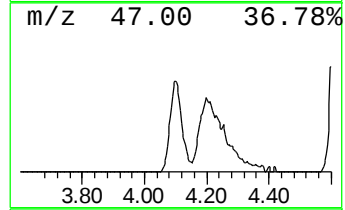
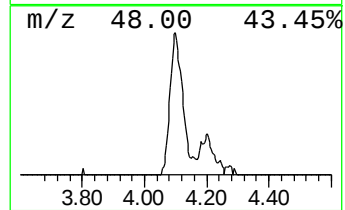
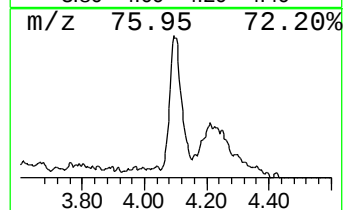
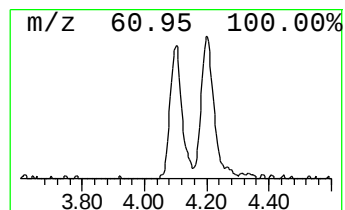
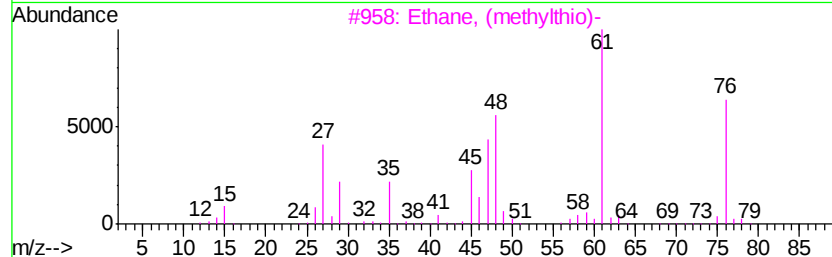
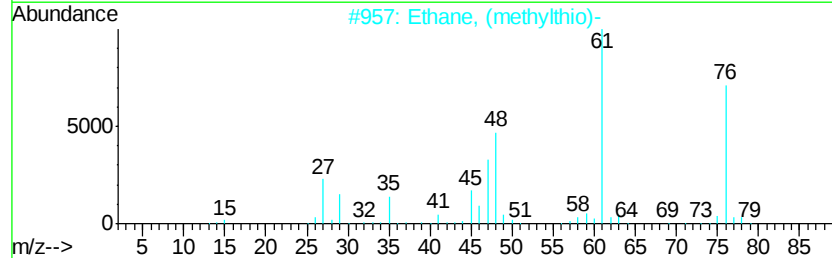
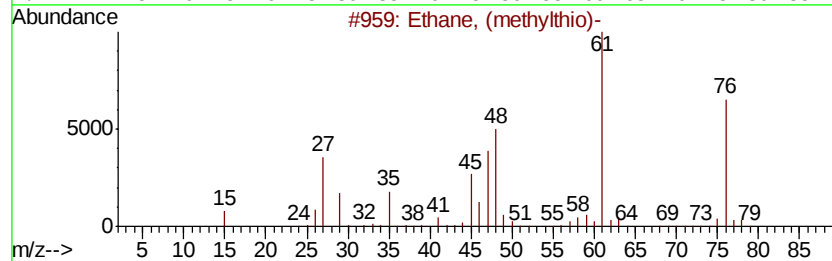
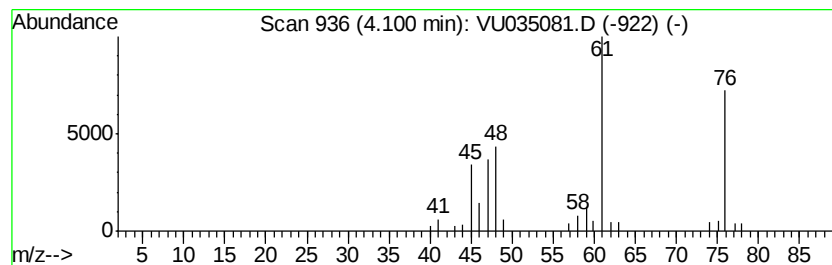
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Ethane, (methylthio)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	0.74 ug/L	55709	1,4-Difluorobenzene	5.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethane, (methylthio)-	76 C3H8S	000624-89-5 91
2		Ethane, (methylthio)-	76 C3H8S	000624-89-5 90
3		Ethane, (methylthio)-	76 C3H8S	000624-89-5 78
4		Trimethylphosphine	76 C3H9P	000594-09-2 76
5		Trimethylphosphine	76 C3H9P	000594-09-2 40



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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Aminomethanesulfo...	1.51	1.1	ug/L	86089	1	5.86	375332	5.0
Dimethyl sulfide	2.37	8.9	ug/L	668913	1	5.86	375332	5.0
Ethane, (methylth...	4.10	0.7	ug/L	55709	1	5.86	375332	5.0