

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006782.D
 Acq On : 31 Jul 2018 13:11
 Operator : SY/MD
 Sample : J4225-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWQ7

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\SOMVTR072318WMA.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	1.029	26	43	67	rBV	2523725	3047154	100.00%	37.960%
2	1.202	90	97	110	rBV	256862	380636	12.49%	4.742%
3	1.318	128	133	151	rVB	71304	94092	3.09%	1.172%
4	1.427	161	167	174	rVB	45788	47829	1.57%	0.596%
5	1.578	207	214	229	rVB	57920	70856	2.33%	0.883%
6	2.131	377	386	396	rBV	120958	166709	5.47%	2.077%
7	2.308	431	441	455	rBV	111985	182591	5.99%	2.275%
8	2.656	538	549	563	rVB2	35774	72068	2.37%	0.898%
9	3.948	934	951	965	rBV	95050	243406	7.99%	3.032%
10	4.408	1076	1094	1116	rBV	90530	214995	7.06%	2.678%
11	5.099	1291	1309	1331	rBV2	214928	496360	16.29%	6.183%
12	5.668	1470	1486	1503	rBV	206847	402282	13.20%	5.011%
13	6.125	1613	1628	1646	rBV	126190	250440	8.22%	3.120%
14	7.035	1898	1911	1933	rBV	54734	94496	3.10%	1.177%
15	7.363	1997	2013	2031	rBV	215459	376451	12.35%	4.690%
16	7.668	2098	2108	2123	rBV2	31350	52098	1.71%	0.649%
17	8.141	2242	2255	2280	rBV	296507	523802	17.19%	6.525%
18	8.900	2478	2491	2512	rBV	290805	471122	15.46%	5.869%
19	10.266	2906	2916	2938	rVB	95111	148405	4.87%	1.849%
20	11.301	3226	3238	3263	rBV	227131	377981	12.40%	4.709%
21	11.678	3343	3355	3377	rVB	188617	313489	10.29%	3.905%

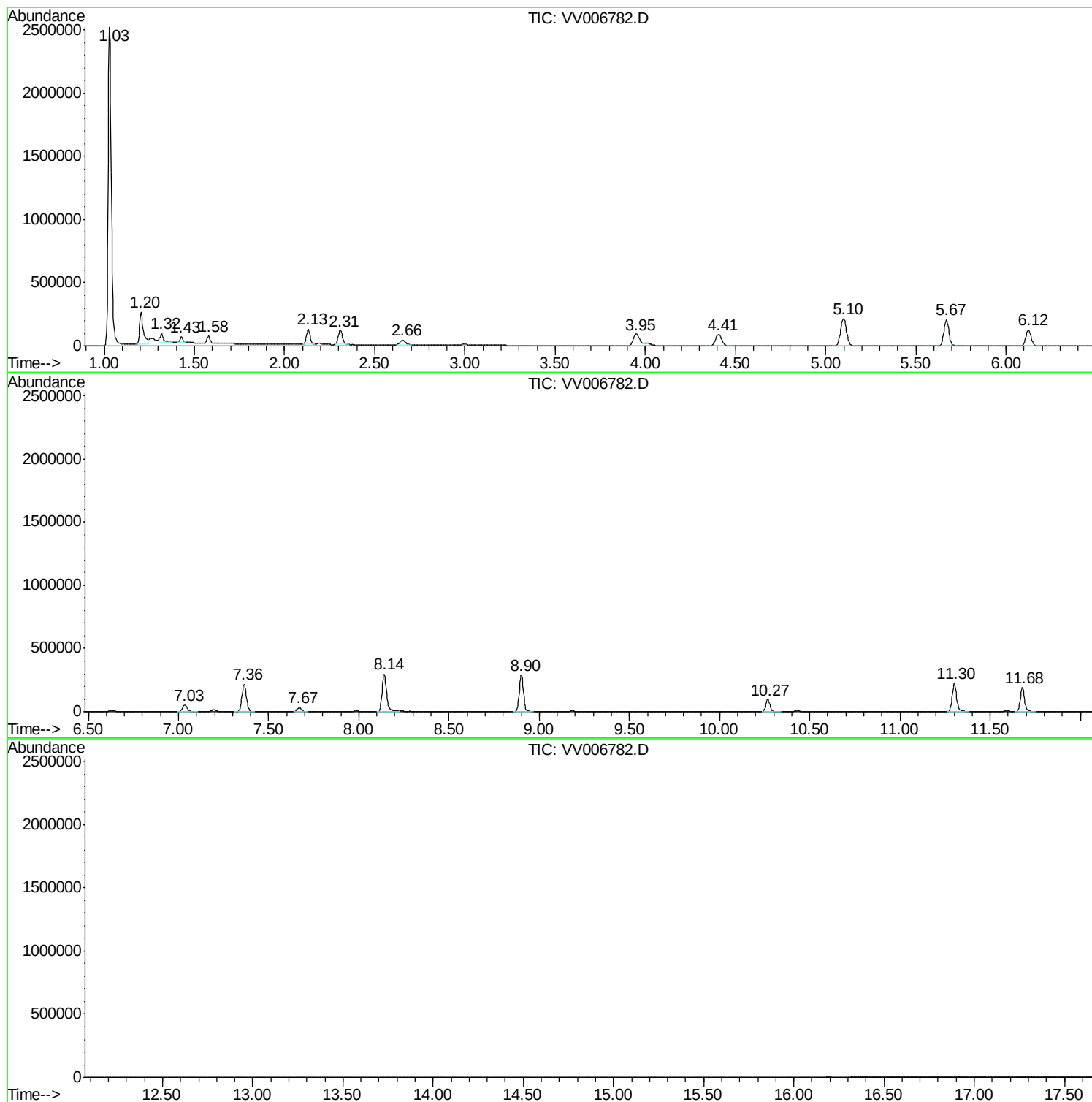
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Quant Title : TRACE VOA SOM01.0

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



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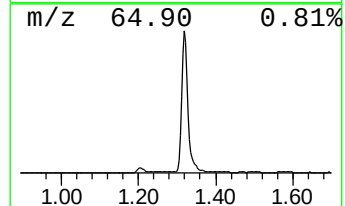
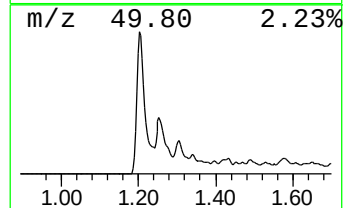
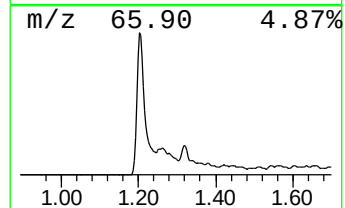
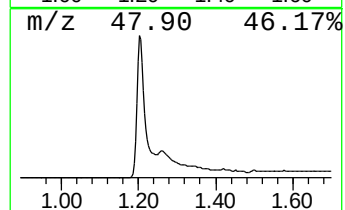
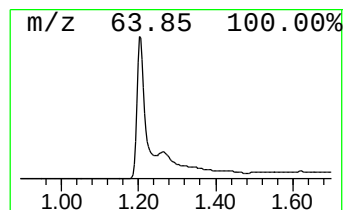
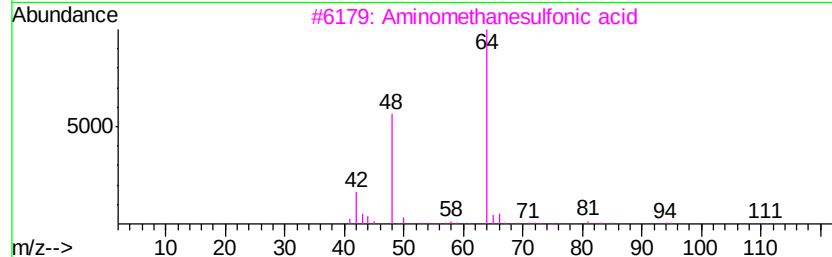
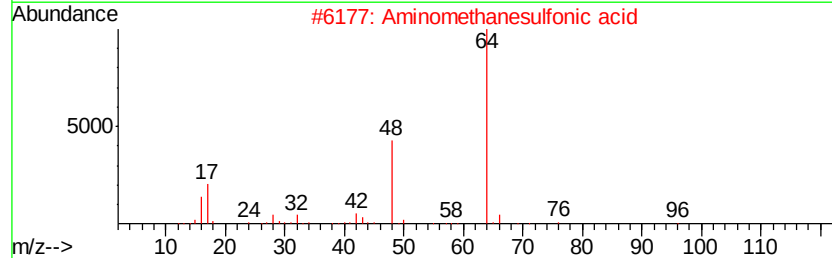
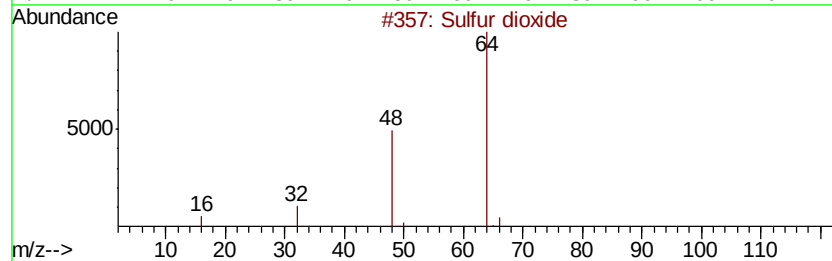
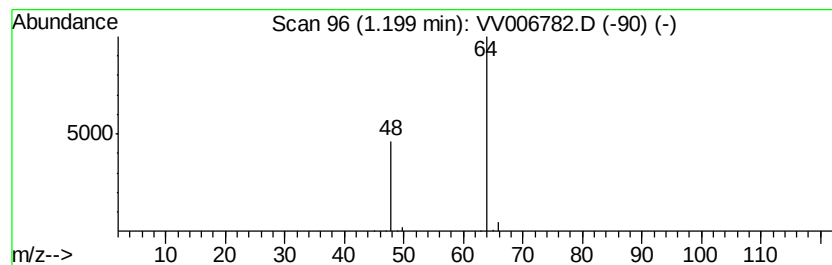
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	4.73 ug/L	380636	1,4-Difluorobenzene	5.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
5	Sulfur dioxide	64 02S	007446-09-5	5



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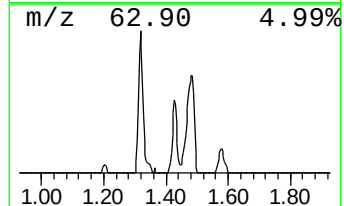
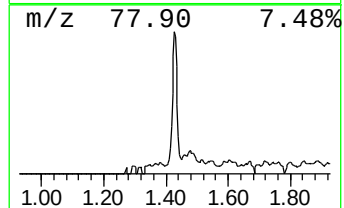
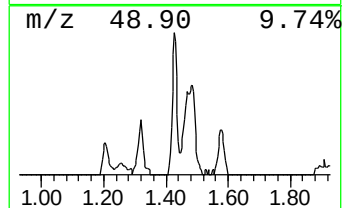
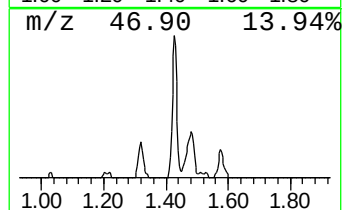
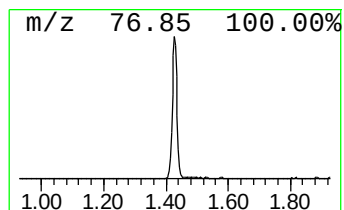
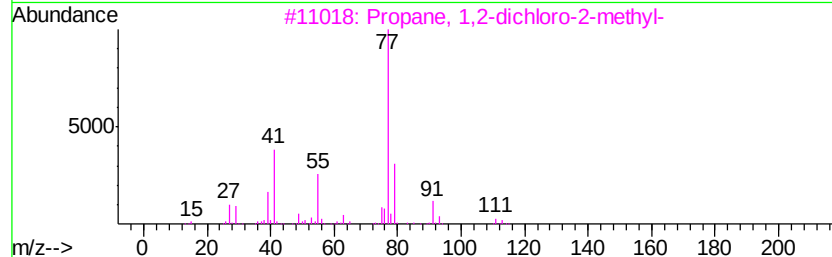
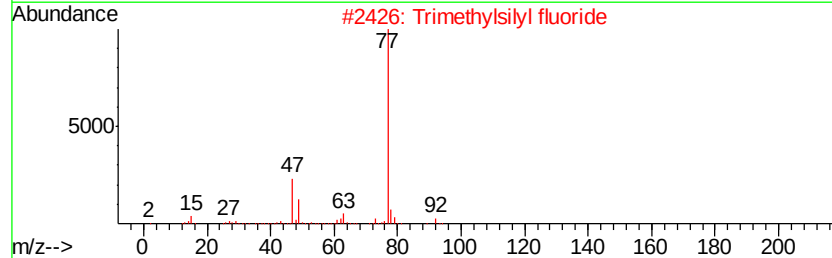
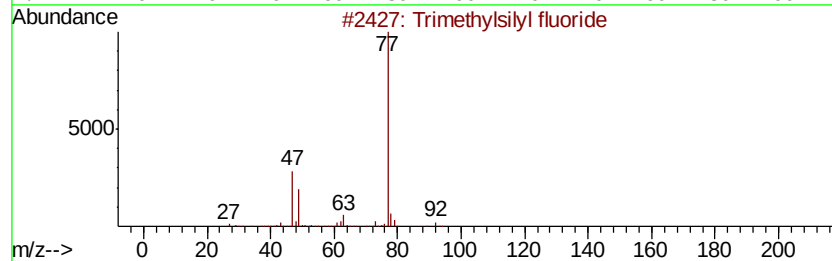
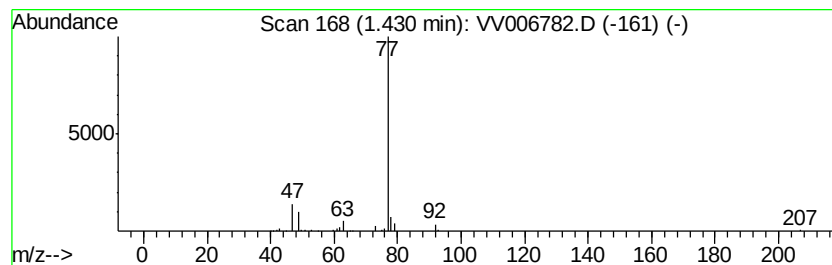
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Trimethylsilyl fluoride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	0.59 ug/L	47829	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	91
2		Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	52
3		Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	39
4		Trimethylphosphine oxide	92	C3H9OP	000676-96-0	4
5		Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	4



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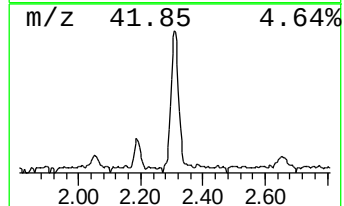
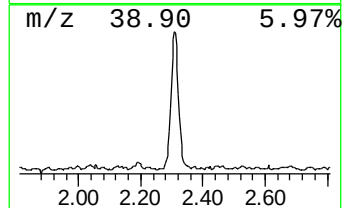
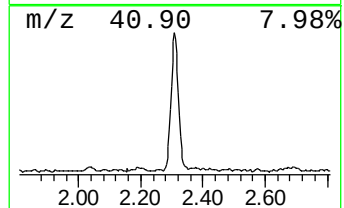
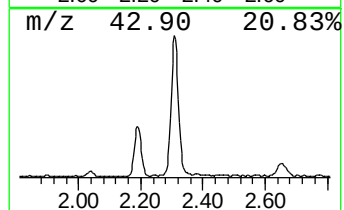
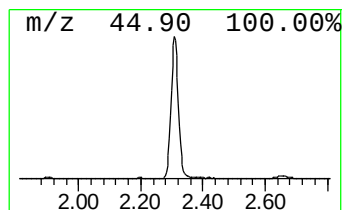
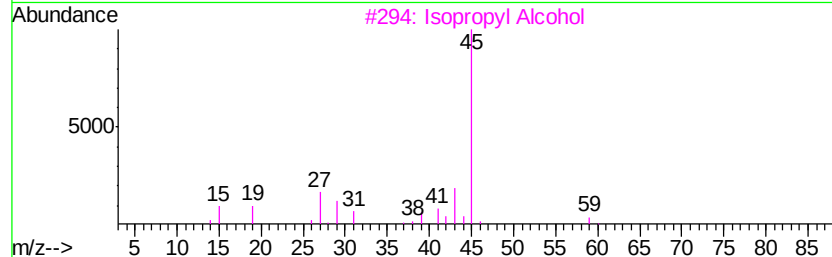
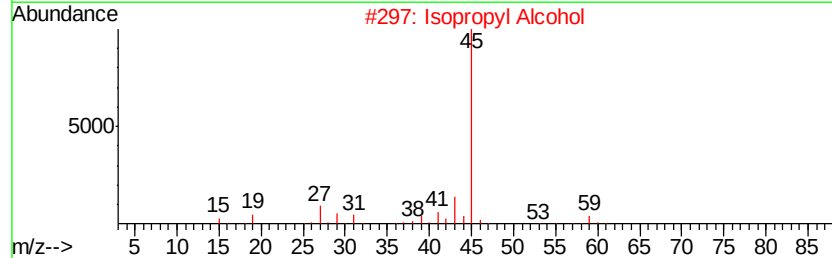
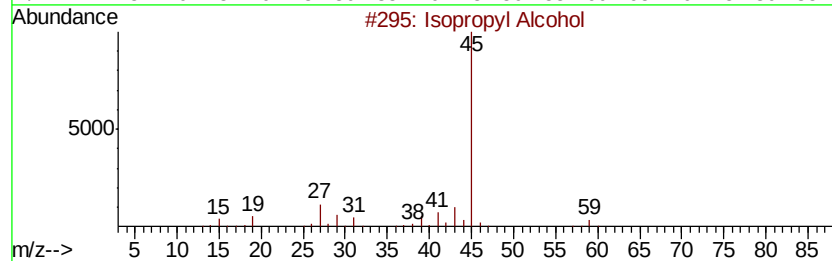
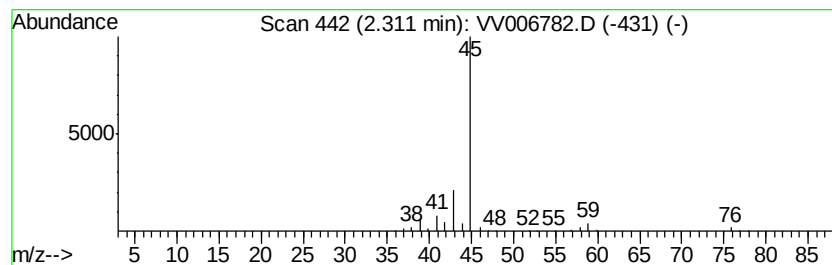
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	2.27 ug/L	182591	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56



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ClientSampleId :
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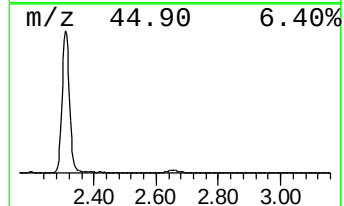
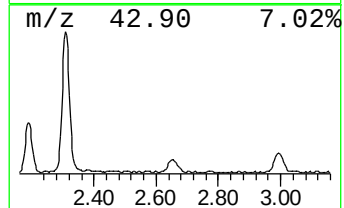
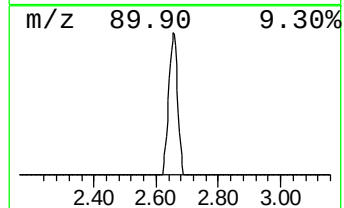
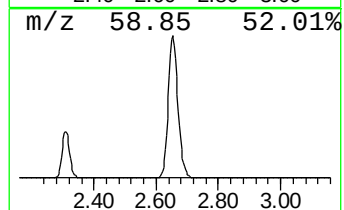
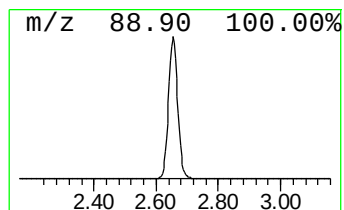
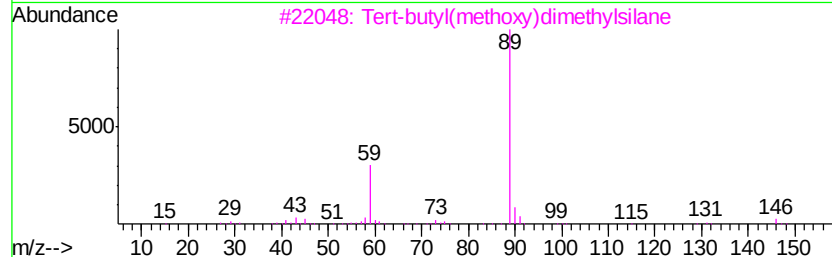
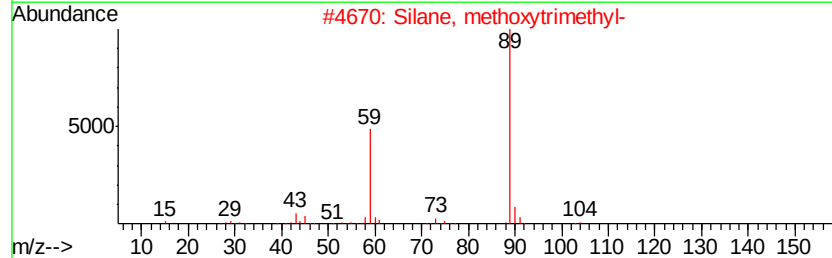
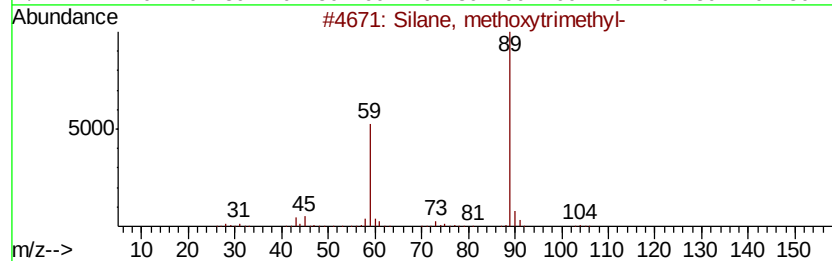
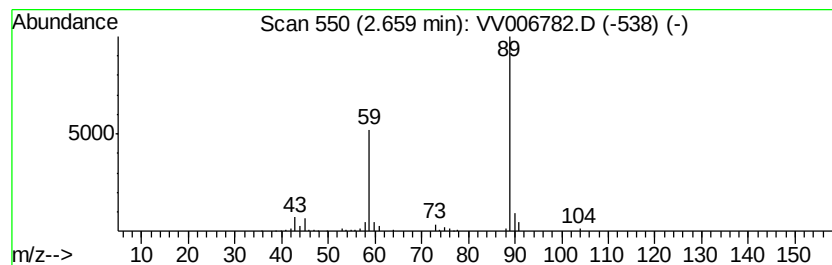
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Peak Number 5 Silane, methoxytrimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	0.90 ug/L	72068	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	91
2		Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	91
3		Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	78
4		Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	74
5		Ethyl(dimethyl)methoxysilane	118	C5H14OSi	052686-75-6	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.20	4.7	ug/L	380636	1	5.67	402282	5.0
Trimethylsilyl fl...	1.43	0.6	ug/L	47829	1	5.67	402282	5.0
Isopropyl Alcohol	2.31	2.3	ug/L	182591	1	5.67	402282	5.0
Silane, methoxytr...	2.66	0.9	ug/L	72068	1	5.67	402282	5.0