

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006780.D
 Acq On : 31 Jul 2018 12:18
 Operator : SY/MD
 Sample : J4225-07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWP4

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	29	43	67	rBV	2784279	3321522	100.00%	40.920%
2	1.209	91	99	102	rBV	87387	111730	3.36%	1.376%
3	1.318	125	133	152	rVB	116504	138074	4.16%	1.701%
4	1.427	160	167	175	rVB	118216	121889	3.67%	1.502%
5	1.578	207	214	227	rVB	60414	73392	2.21%	0.904%
6	2.131	376	386	396	rBV	124754	173790	5.23%	2.141%
7	2.312	433	442	454	rVB	31861	53070	1.60%	0.654%
8	2.659	540	550	570	rVB3	22551	59629	1.80%	0.735%
9	3.948	935	951	966	rBV	94136	243707	7.34%	3.002%
10	4.405	1075	1093	1115	rBV	92225	217726	6.56%	2.682%
11	5.099	1291	1309	1322	rBV2	217857	511940	15.41%	6.307%
12	5.668	1472	1486	1507	rBV	200142	393936	11.86%	4.853%
13	6.125	1612	1628	1646	rBV	129403	253592	7.63%	3.124%
14	7.035	1900	1911	1926	rBV	56080	95409	2.87%	1.175%
15	7.363	1999	2013	2026	rBV	220923	378794	11.40%	4.667%
16	7.437	2026	2036	2058	rVB	39722	68948	2.08%	0.849%
17	7.668	2095	2108	2121	rBV2	33331	53403	1.61%	0.658%
18	8.141	2242	2255	2292	rBV	297674	538955	16.23%	6.640%
19	8.900	2479	2491	2519	rBV	285819	461855	13.90%	5.690%
20	10.266	2905	2916	2929	rBV	96241	149263	4.49%	1.839%
21	11.302	3226	3238	3263	rBV	222839	375766	11.31%	4.629%
22	11.678	3344	3355	3374	rVB	194376	320746	9.66%	3.951%

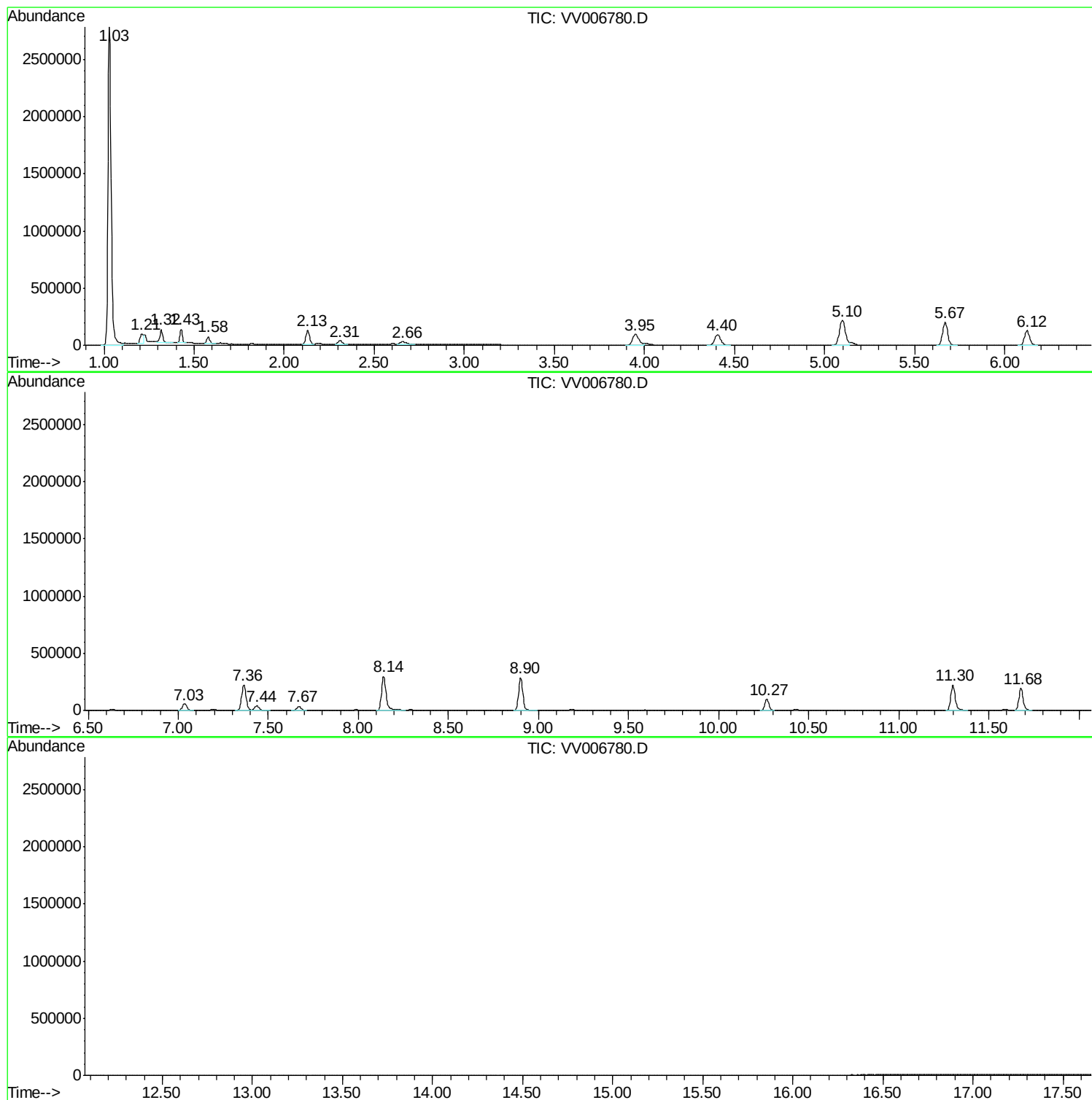
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
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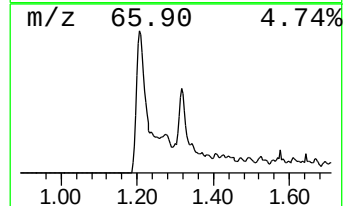
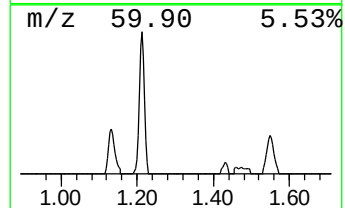
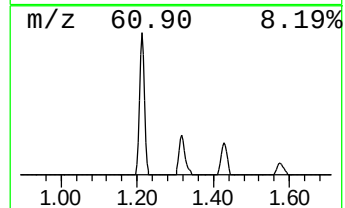
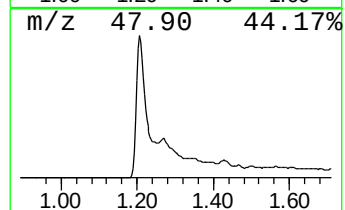
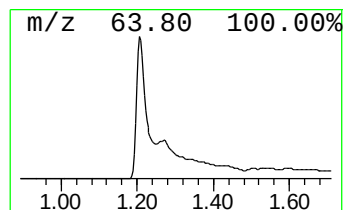
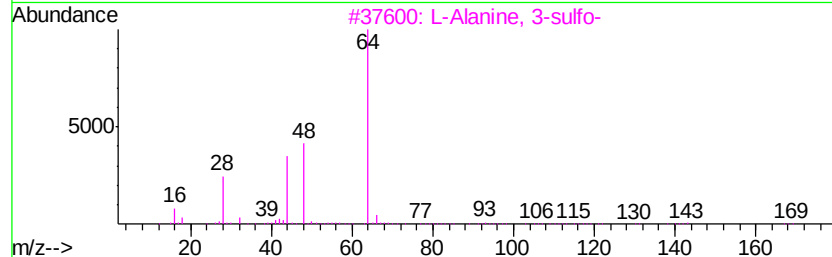
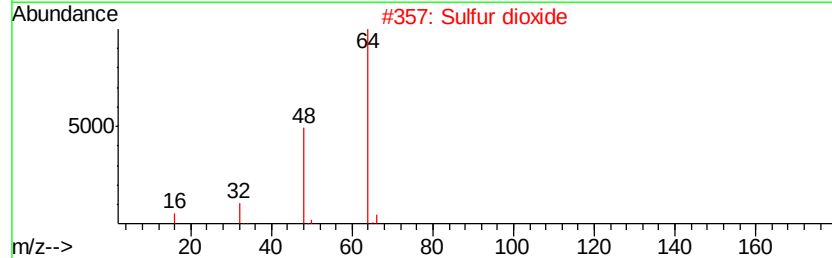
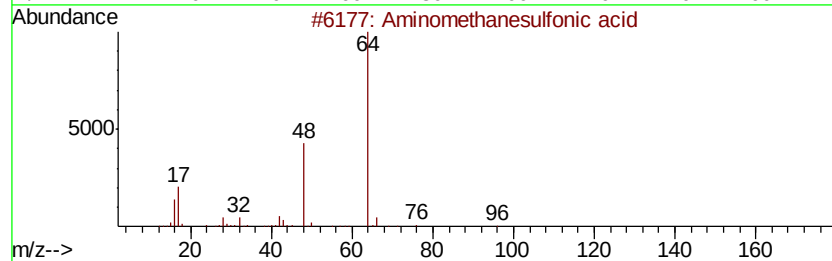
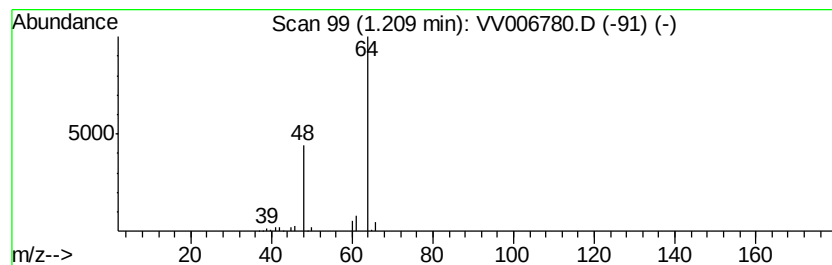
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	1.42 ug/L	111730	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	83
2		Sulfur dioxide	64	O2S	007446-09-5	83
3		L-Alanine, 3-sulfo-	169	C3H7N05S	000498-40-8	64
4		Sulfur dioxide	64	O2S	007446-09-5	5
5		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5



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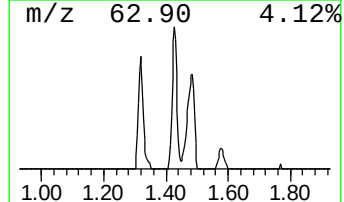
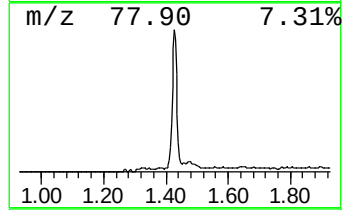
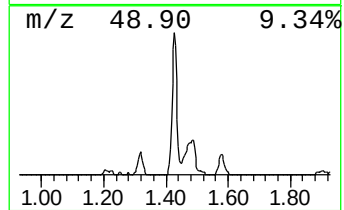
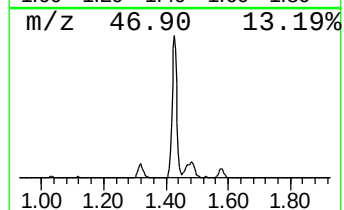
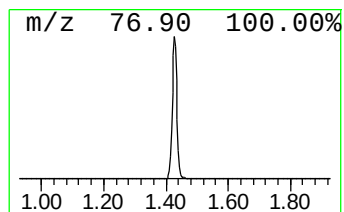
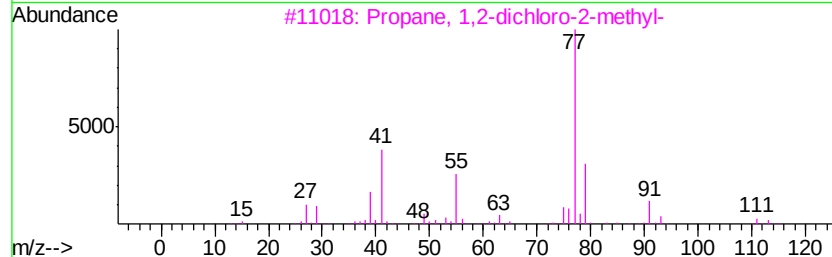
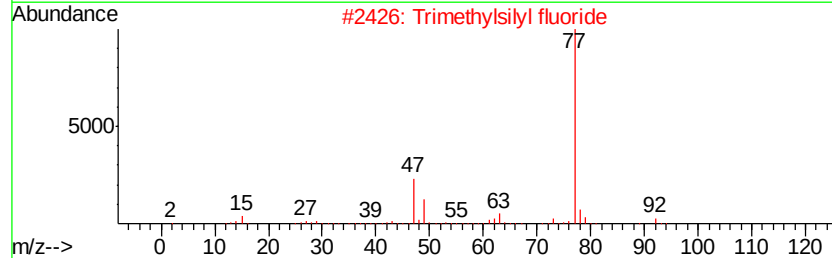
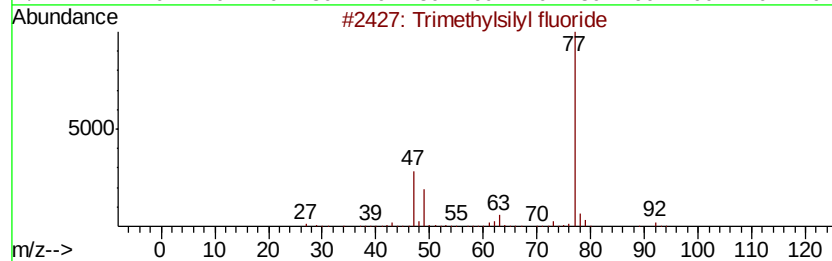
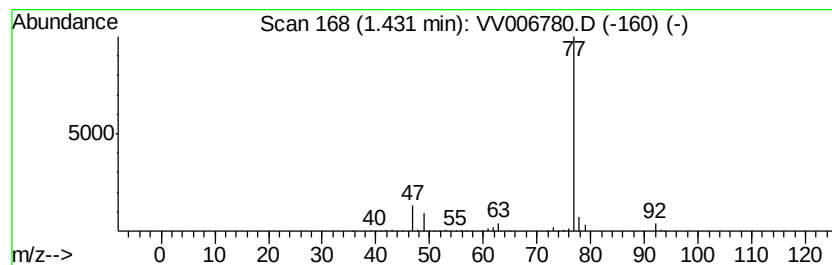
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Trimethylsilyl fluoride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	1.55 ug/L	121889	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	90
2		Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	49
3		Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	38
4		Silanediol, dimethyl-	92	C2H8O2Si	001066-42-8	4
5		Trimethylphosphine oxide	92	C3H9OP	000676-96-0	4



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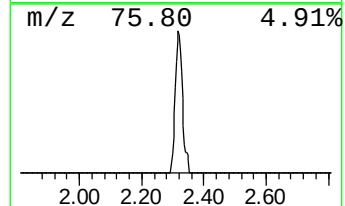
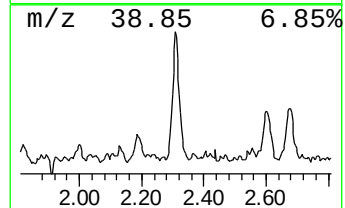
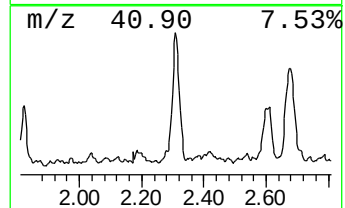
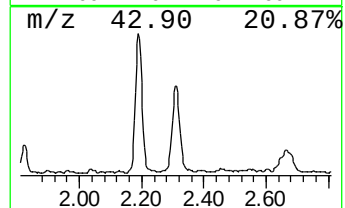
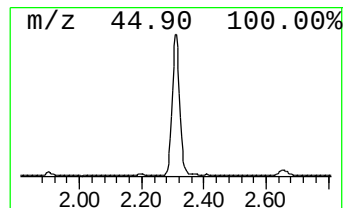
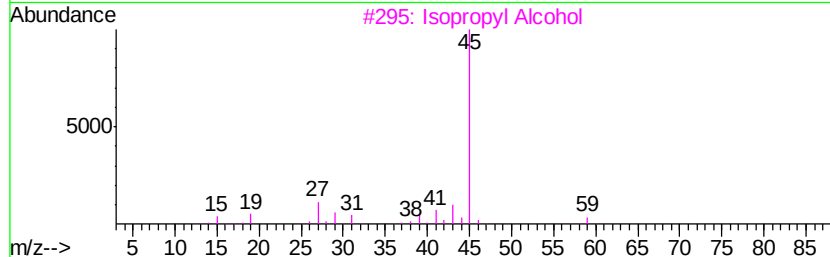
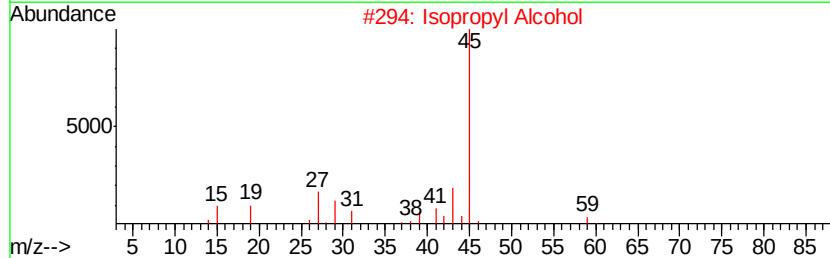
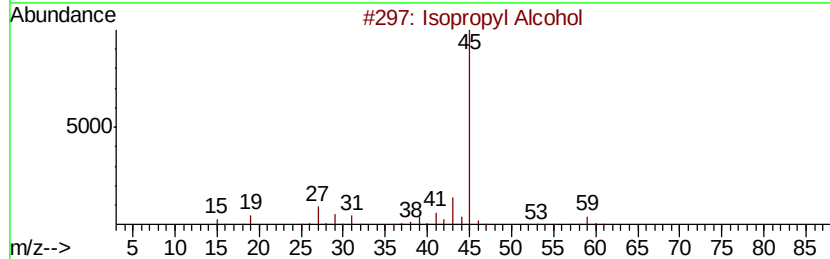
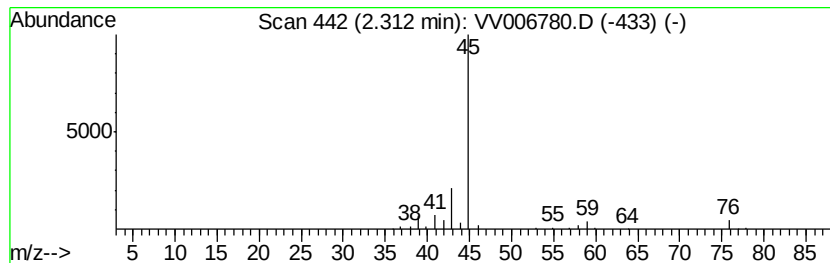
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Peak Number 4 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	0.67 ug/L	53070	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	72
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5		Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40



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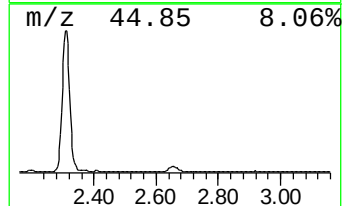
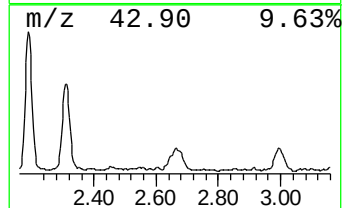
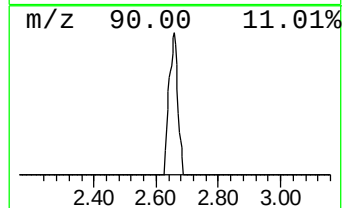
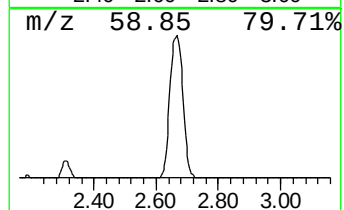
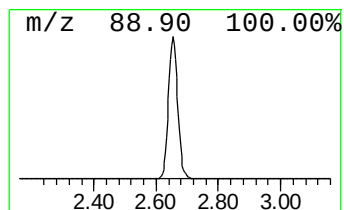
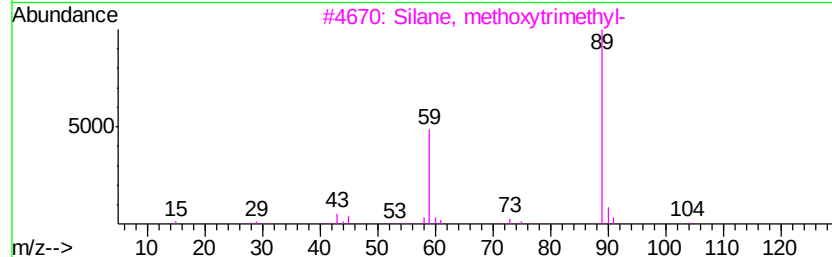
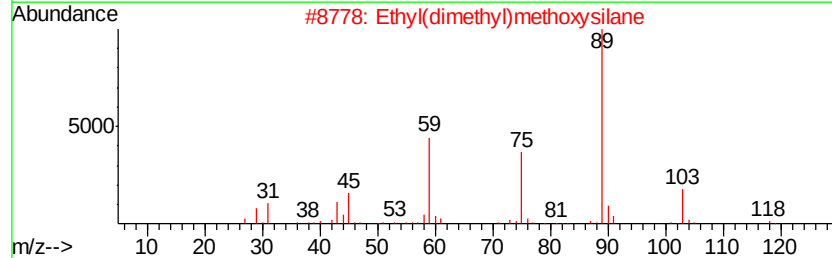
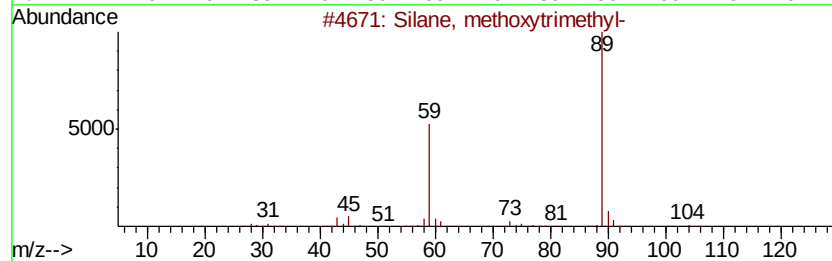
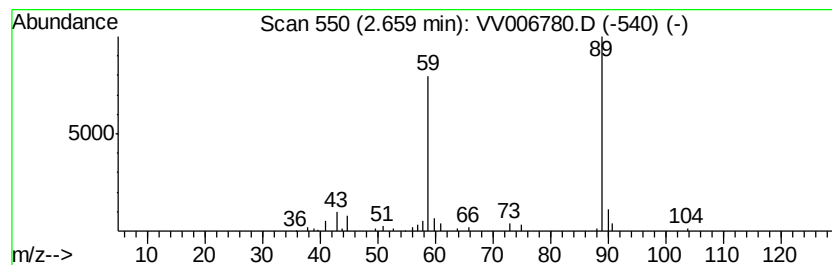
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Silane, methoxytrimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	0.76 ug/L	59629	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	87
2		Ethyl(dimethyl)methoxysilane	118	C5H14OSi	052686-75-6	83
3		Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	80
4		Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	74
5		Butane, 2-methoxy-	88	C5H12O	006795-87-5	10



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	1.4	ug/L	111730	1	5.67	393936	5.0
Trimethylsilyl fl...	1.43	1.6	ug/L	121889	1	5.67	393936	5.0
Isopropyl Alcohol	2.31	0.7	ug/L	53070	1	5.67	393936	5.0
Silane, methoxytr...	2.66	0.8	ug/L	59629	1	5.67	393936	5.0