

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU110419\
 Data File : VU035610.D
 Acq On : 04 Nov 2019 16:07
 Operator : JC/SP
 Sample : K5656-09DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5457DL

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\SOMUTR110419WMA.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	1.498	43	49	57	rVB	54618	55726	1.08%	0.298%
2	1.614	78	85	96	rBV	163163	182439	3.54%	0.974%
3	1.900	161	174	180	rBV	358270	483515	9.38%	2.582%
4	1.932	180	184	199	rVB	142333	182672	3.54%	0.976%
5	2.594	379	390	404	rBV2	247779	419683	8.14%	2.241%
6	2.681	404	417	451	rVV	2890183	5156468	100.00%	27.537%
7	2.819	453	460	478	rVB	87868	157636	3.06%	0.842%
8	2.999	506	516	530	rVV	63696	123430	2.39%	0.659%
9	3.083	532	542	564	rVB2	66747	134347	2.61%	0.717%
10	3.427	632	649	669	rBV	118862	277297	5.38%	1.481%
11	4.713	1031	1049	1066	rBV3	219340	626616	12.15%	3.346%
12	5.115	1157	1174	1198	rBV	190301	442921	8.59%	2.365%
13	5.430	1255	1272	1291	rBV2	188783	424307	8.23%	2.266%
14	5.771	1354	1378	1388	rBV2	417772	1044805	20.26%	5.579%
15	6.292	1525	1540	1561	rBV	276084	536778	10.41%	2.867%
16	6.581	1618	1630	1652	rVB2	60164	117254	2.27%	0.626%
17	6.736	1660	1678	1687	rBV	242271	475914	9.23%	2.541%
18	6.800	1687	1698	1716	rVB	439159	866436	16.80%	4.627%
19	7.604	1935	1948	1971	rBV2	120270	227081	4.40%	1.213%
20	7.845	2010	2023	2038	rBV	119940	231510	4.49%	1.236%
21	7.935	2038	2051	2062	rVV	494837	868795	16.85%	4.640%
22	8.006	2062	2073	2104	rVB	499442	890409	17.27%	4.755%
23	8.218	2127	2139	2157	rBV2	96490	186813	3.62%	0.998%
24	8.584	2240	2253	2270	rBV	97999	166204	3.22%	0.888%
25	8.684	2270	2284	2294	rBV	443615	869425	16.86%	4.643%
26	9.449	2509	2522	2557	rBV	410984	740890	14.37%	3.956%
27	9.600	2557	2569	2588	rVV	313314	519639	10.08%	2.775%
28	9.726	2595	2608	2637	rVB	245455	419518	8.14%	2.240%
29	10.787	2925	2938	2962	rBV	194557	337583	6.55%	1.803%
30	11.774	3233	3245	3255	rBV	119287	216217	4.19%	1.155%
31	11.838	3255	3265	3285	rVB	344934	673642	13.06%	3.597%
32	12.221	3369	3384	3403	rBV	363560	669926	12.99%	3.578%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\METHOD\SOMUTR110419WMA.M
Title : TRACE VOA SOM01.0

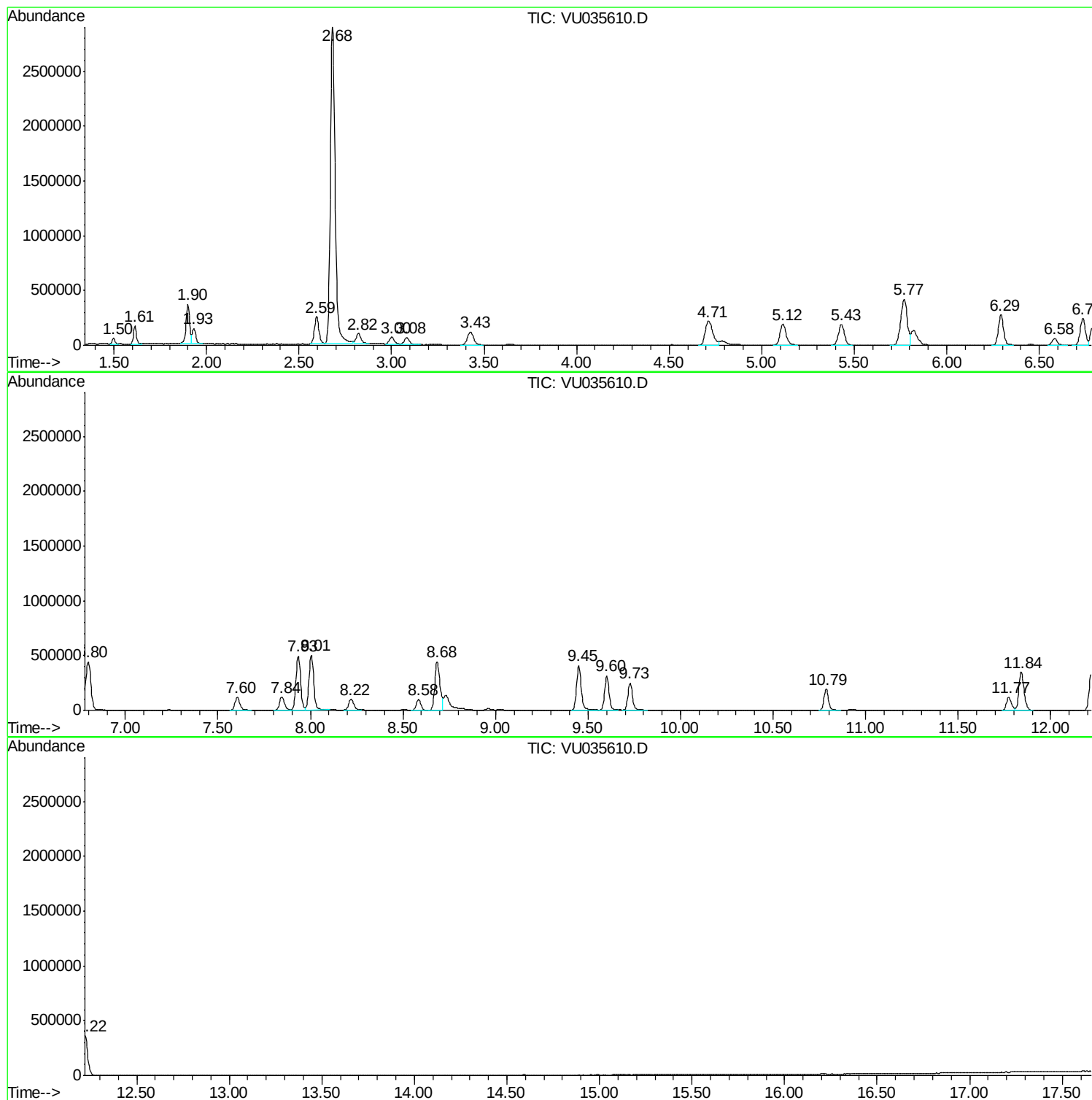
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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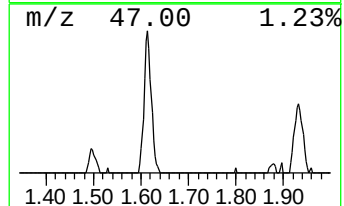
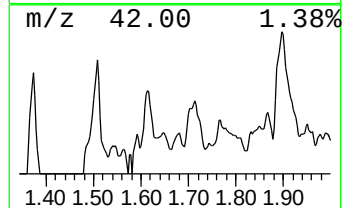
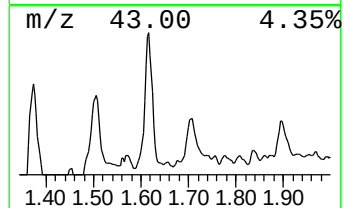
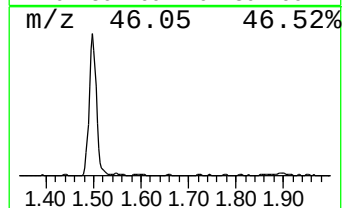
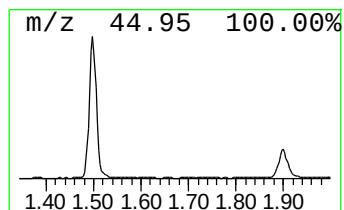
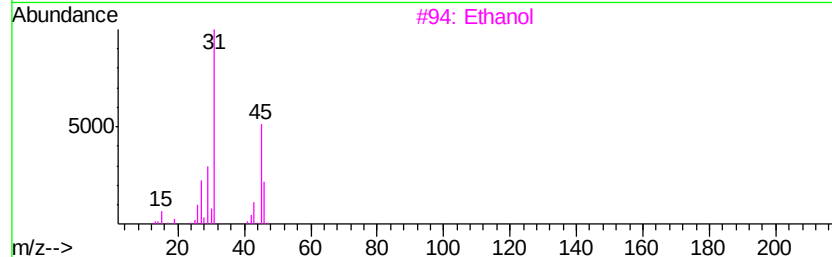
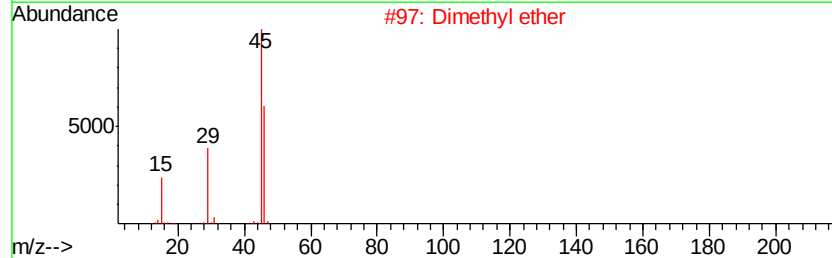
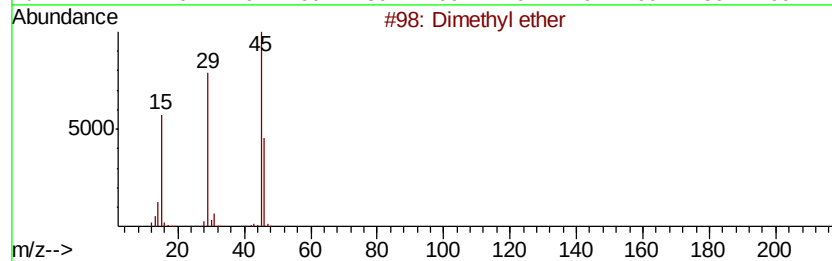
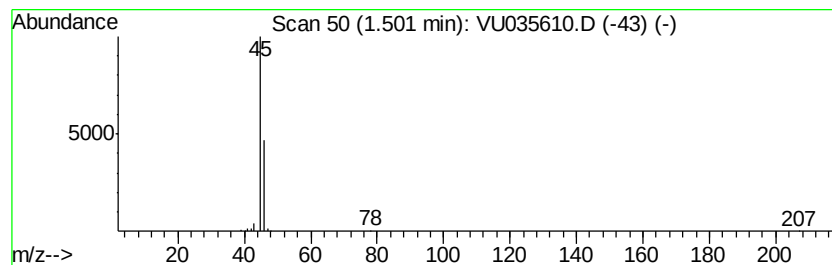
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	0.52 ug/L	55726	1,4-Difluorobenzene	6.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dimethyl ether	46 C2H6O	000115-10-6	74
2	Dimethyl ether	46 C2H6O	000115-10-6	9
3	Ethanol	46 C2H6O	000064-17-5	7
4	Ethanol	46 C2H6O	000064-17-5	7
5	Formic acid	46 CH2O2	000064-18-6	5



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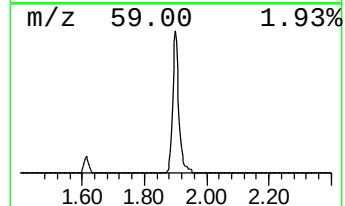
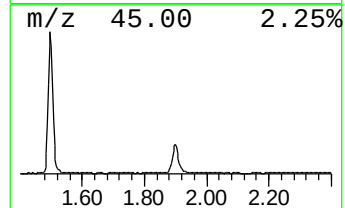
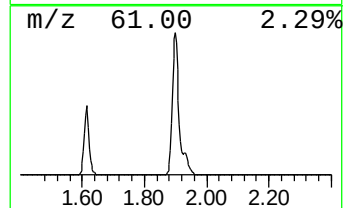
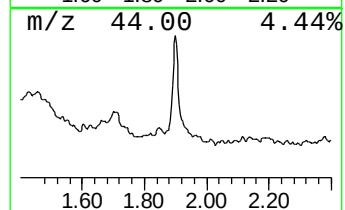
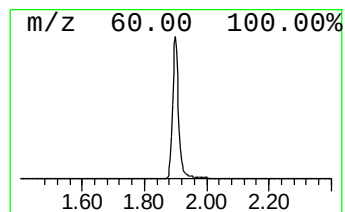
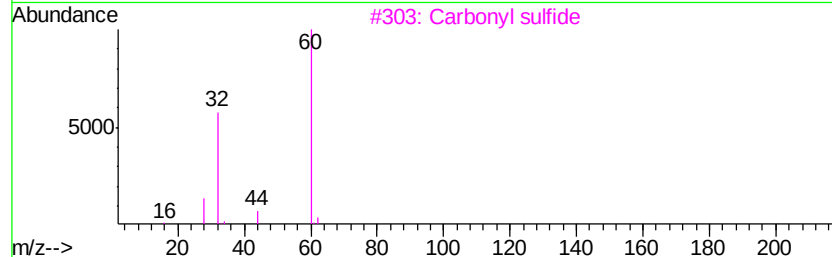
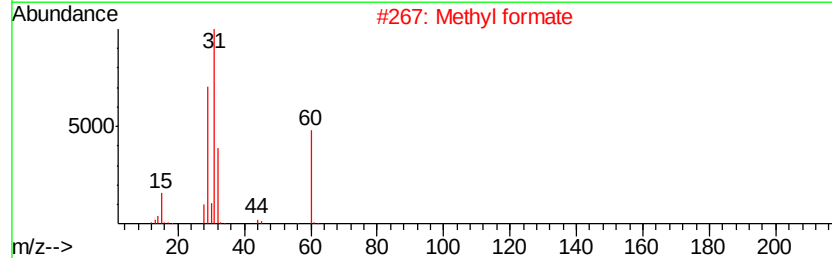
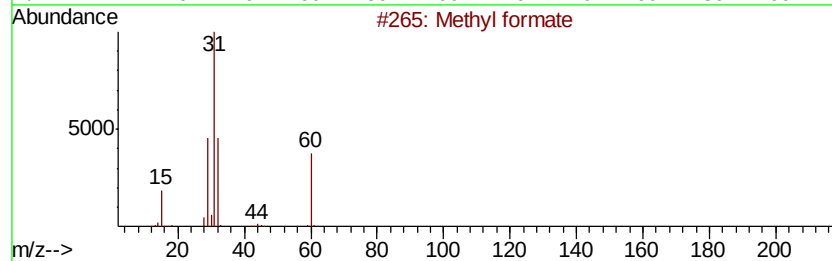
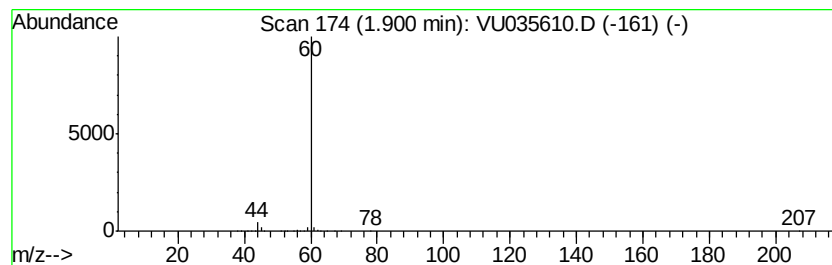
Instrument :
MSVOA_U
ClientSampleId :
A5457DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	4.50 ug/L	483515	1,4-Difluorobenzene	6.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Methyl formate	60 C2H4O2	000107-31-3	7
2	Methyl formate	60 C2H4O2	000107-31-3	7
3	Carbonyl sulfide	60 COS	000463-58-1	5
4	Methyl formate	60 C2H4O2	000107-31-3	5
5	Urea	60 CH4N2O	000057-13-6	5



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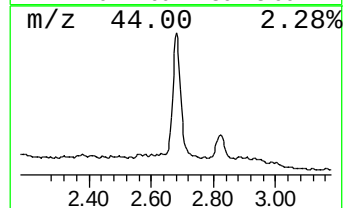
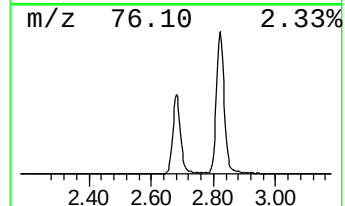
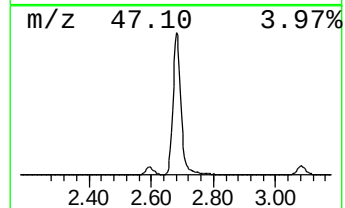
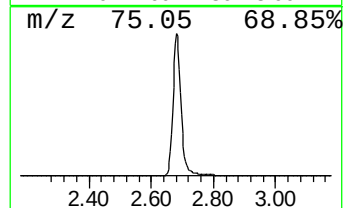
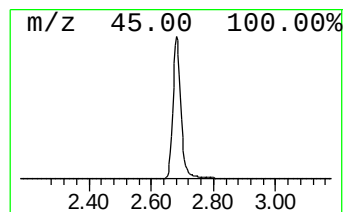
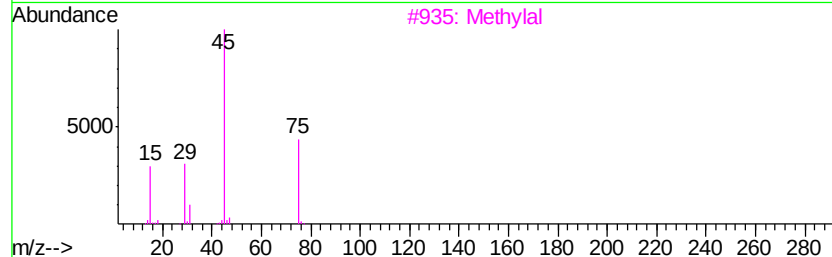
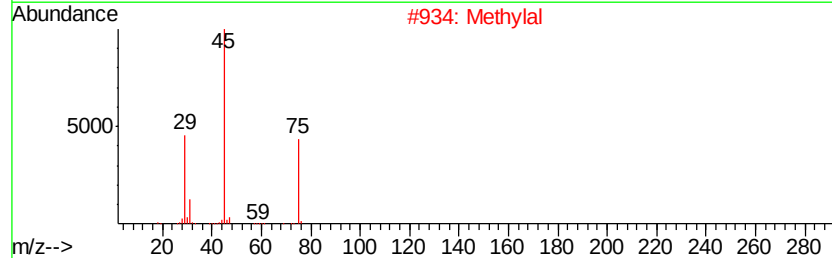
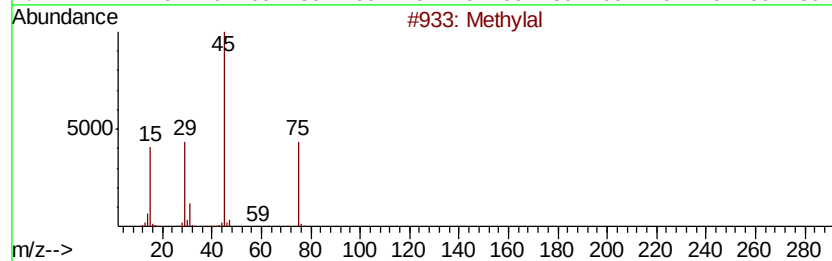
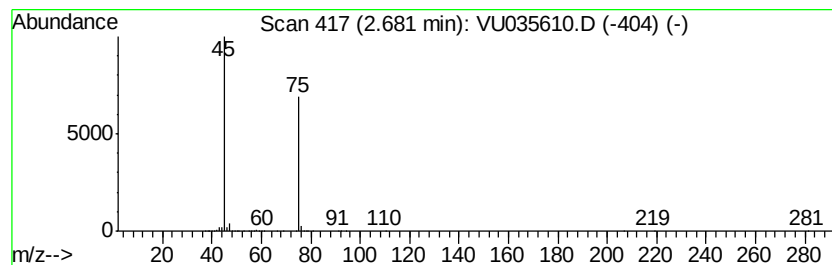
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Methylal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	48.03 ug/L	5156470	1,4-Difluorobenzene	6.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylal	76	C3H8O2	000109-87-5	78
2		Methylal	76	C3H8O2	000109-87-5	78
3		Methylal	76	C3H8O2	000109-87-5	64
4		Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	9
5		Ethanethioamide	75	C2H5NS	000062-55-5	5



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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
Dimethyl ether	1.50	0.5	ug/L	55726	1	6.30	536778	5.0
unknown-01	1.90	4.5	ug/L	483515	1	6.30	536778	5.0
Methylal	2.68	48.0	ug/L	5156470	1	6.30	536778	5.0