

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU110419\
 Data File : VU035607.D
 Acq On : 04 Nov 2019 14:53
 Operator : JC/SP
 Sample : K5656-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5457

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	42	49	57	rBV	230902	242248	1.14%	0.435%
2	1.613	77	85	99	rBV	189658	213108	1.01%	0.383%
3	1.896	159	173	181	rBV	1498704	2011366	9.50%	3.611%
4	2.597	379	391	403	rBV2	307705	577973	2.73%	1.037%
5	2.681	403	417	450	rVV	12186306	21175571	100.00%	38.011%
6	2.819	451	460	484	rVB	360167	650726	3.07%	1.168%
7	2.999	504	516	530	rBV	287240	541781	2.56%	0.973%
8	3.080	531	541	560	rVB	258147	494875	2.34%	0.888%
9	3.427	630	649	675	rBV2	486590	1138428	5.38%	2.044%
10	4.716	1031	1050	1062	rBV2	438556	1119566	5.29%	2.010%
11	4.784	1063	1071	1106	rVB	163288	419109	1.98%	0.752%
12	5.115	1156	1174	1202	rBV	207973	480198	2.27%	0.862%
13	5.430	1252	1272	1295	rBV	814078	1815231	8.57%	3.258%
14	5.771	1357	1378	1385	rBV2	450423	1091872	5.16%	1.960%
15	5.819	1385	1393	1424	rVB2	534571	1339890	6.33%	2.405%
16	6.292	1524	1540	1560	rBV	302614	575376	2.72%	1.033%
17	6.581	1616	1630	1654	rBV	251844	480379	2.27%	0.862%
18	6.735	1661	1678	1686	rBV	263131	508038	2.40%	0.912%
19	6.800	1686	1698	1718	rVB	2000095	3814850	18.02%	6.848%
20	7.604	1936	1948	1966	rBV	134631	240409	1.14%	0.432%
21	7.845	2008	2023	2038	rBV	572890	1034027	4.88%	1.856%
22	7.935	2039	2051	2061	rVV	570219	993911	4.69%	1.784%
23	8.005	2061	2073	2115	rVB	2228769	3864168	18.25%	6.936%
24	8.221	2128	2140	2159	rBV4	200407	363950	1.72%	0.653%
25	8.584	2239	2253	2266	rBV	413045	698174	3.30%	1.253%
26	8.684	2270	2284	2292	rVV	536459	962521	4.55%	1.728%
27	8.732	2292	2299	2346	rVB	395538	830329	3.92%	1.490%
28	9.449	2505	2522	2551	rBV	442134	767506	3.62%	1.378%
29	9.600	2556	2569	2595	rVV	1449604	2389646	11.28%	4.290%
30	9.726	2596	2608	2653	rVB	1220742	2029918	9.59%	3.644%
31	10.787	2925	2938	2962	rBV	203006	341877	1.61%	0.614%
32	11.771	3232	3244	3256	rBV	543313	992892	4.69%	1.782%
33	11.838	3256	3265	3286	rVB	401461	771308	3.64%	1.385%
34	12.221	3370	3384	3404	rBV	407210	737218	3.48%	1.323%

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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

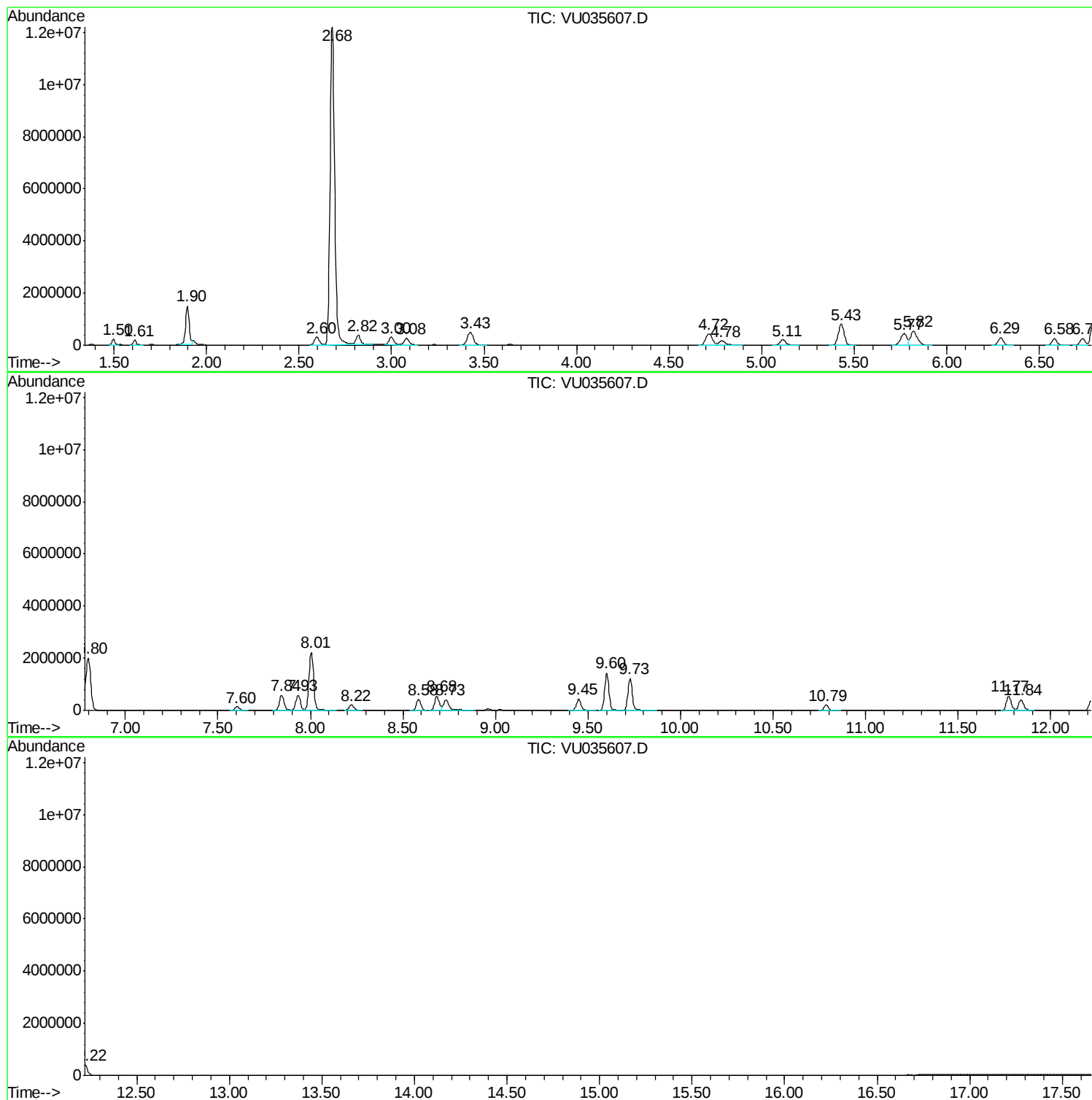
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Quant Title : TRACE VOA SOM01.0

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



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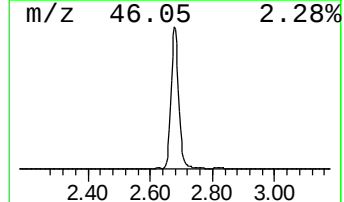
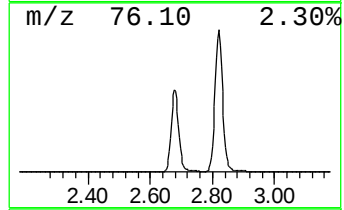
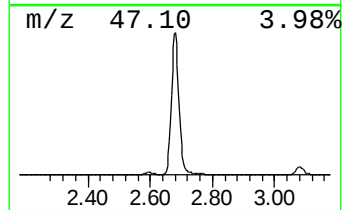
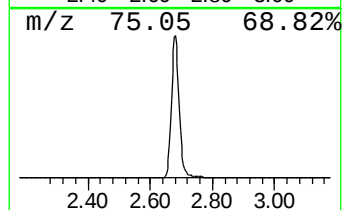
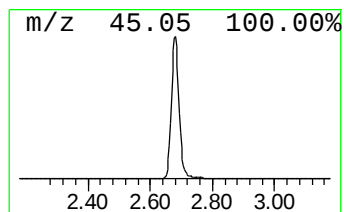
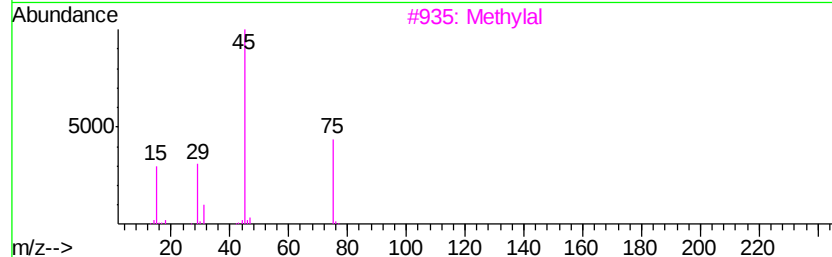
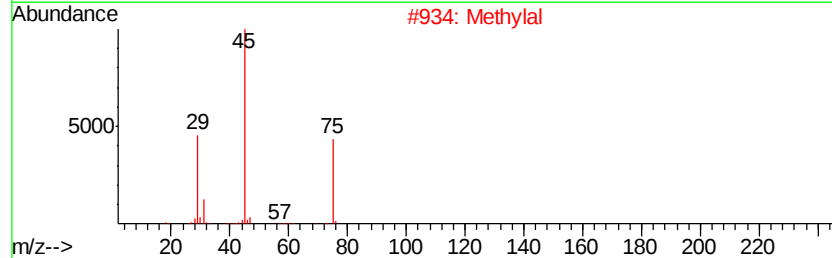
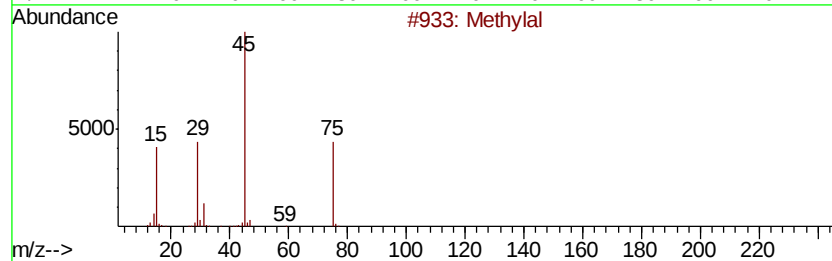
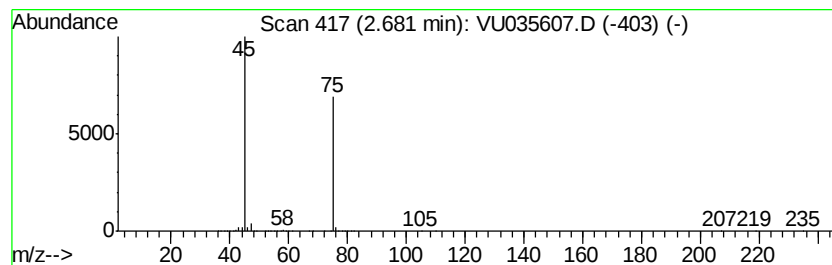
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Methylal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.68	184.02 ug/L	21175600	1,4-Difluorobenzene	6.29

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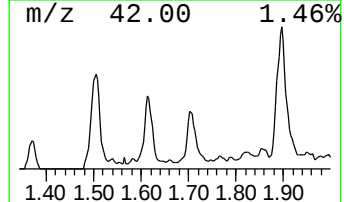
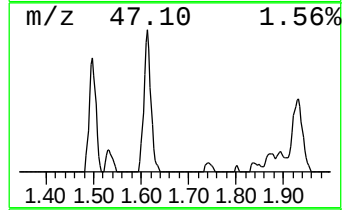
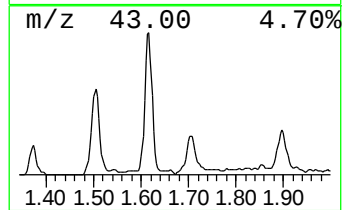
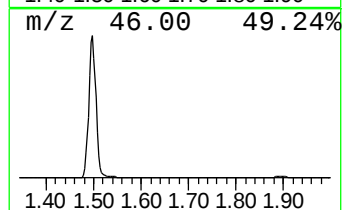
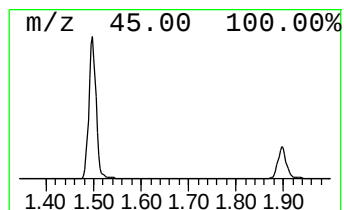
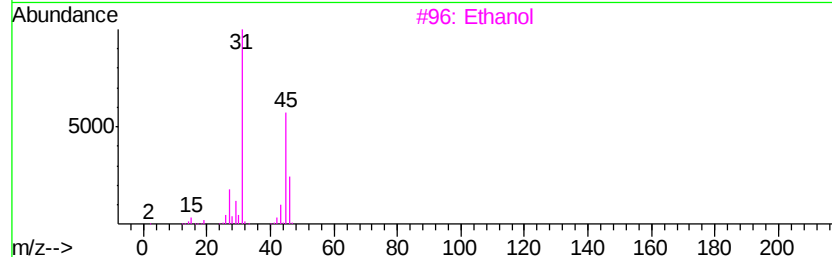
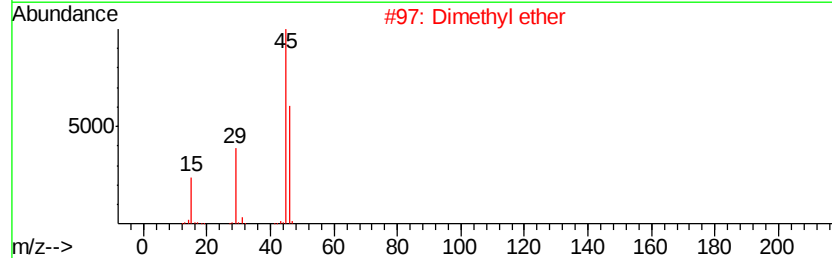
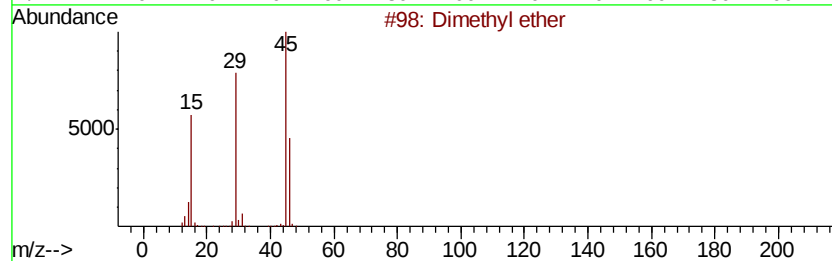
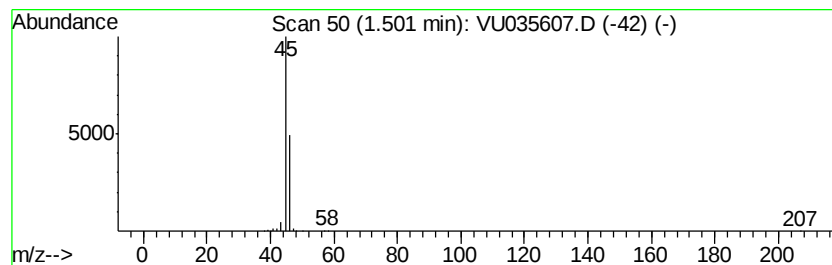
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	2.11 ug/L	242248	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	64
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Ethanol	46	C2H6O	000064-17-5	7
4		Formic acid	46	CH2O2	000064-18-6	7
5		Ethanol	46	C2H6O	000064-17-5	7



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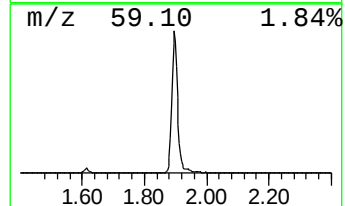
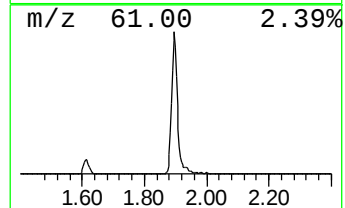
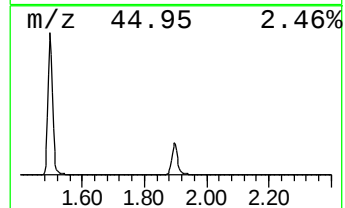
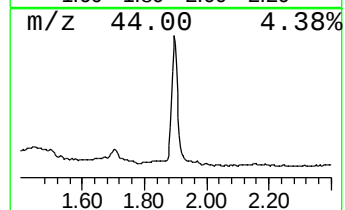
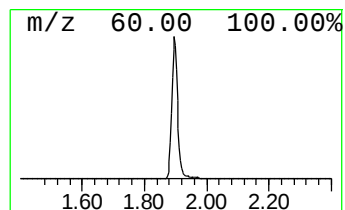
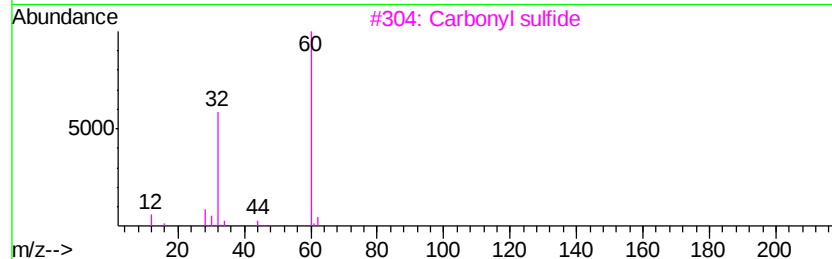
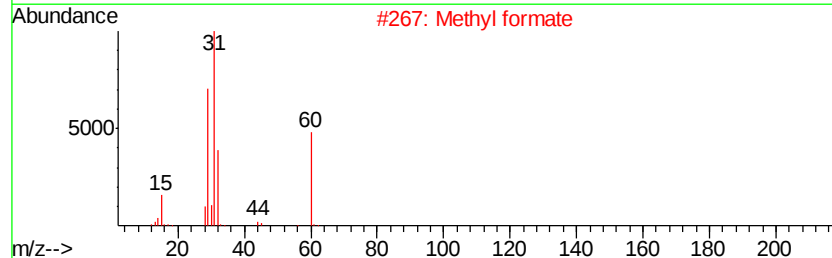
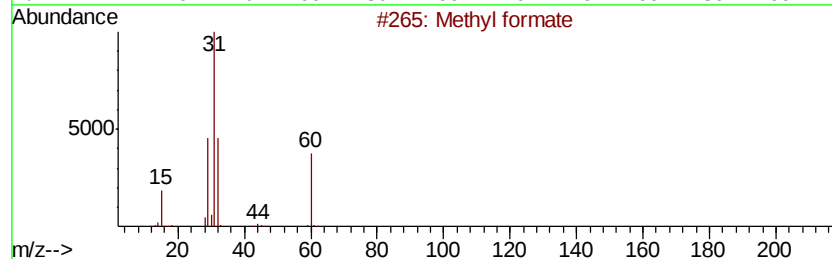
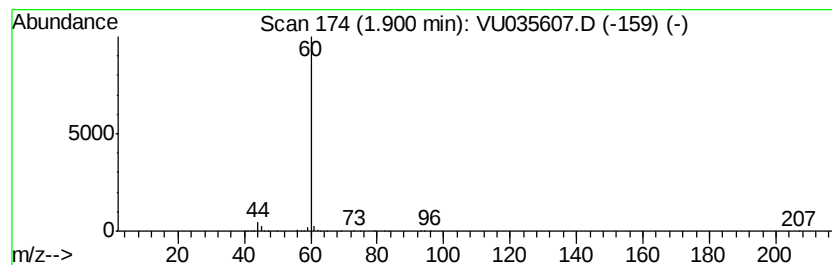
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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	17.48 ug/L	2011370	1,4-Difluorobenzene	6.29

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	CS	000463-58-1	5
4		Urea	60	CH4N2O	000057-13-6	5
5		Urea	60	CH4N2O	000057-13-6	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
Methylal	2.68	184.0	ug/L	21175600	1 6.29 575376 5.0
Dimethyl ether	1.50	2.1	ug/L	242248	1 6.29 575376 5.0
unknown-01	1.90	17.5	ug/L	2011370	1 6.29 575376 5.0