

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071619\
 Data File : VU033262.D
 Acq On : 16 Jul 2019 14:26
 Operator : JC/SP
 Sample : K3772-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52T8

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\SOMUTR071619WMA.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	1.389	85	93	112	rVB	99551	116274	1.05%	0.420%
2	1.643	158	172	198	rBV	702992	1077909	9.72%	3.891%
3	2.260	353	364	374	rBV3	213648	371014	3.35%	1.339%
4	2.331	374	386	416	rVV	6610917	11085828	100.00%	40.015%
5	2.463	417	427	447	rVB	247468	406540	3.67%	1.467%
6	2.608	461	472	485	rBV	159675	302694	2.73%	1.093%
7	2.682	485	495	514	rVB	158183	281219	2.54%	1.015%
8	2.984	572	589	609	rBV	316443	694536	6.27%	2.507%
9	4.193	944	965	979	rBV3	172755	507779	4.58%	1.833%
10	4.263	981	987	1016	rVB	63499	180764	1.63%	0.652%
11	4.624	1080	1099	1121	rBV	94657	233306	2.10%	0.842%
12	4.968	1183	1206	1229	rBV	337354	803307	7.25%	2.900%
13	5.315	1290	1314	1322	rBV3	189974	518462	4.68%	1.871%
14	5.366	1322	1330	1356	rVB2	243015	592406	5.34%	2.138%
15	5.865	1471	1485	1504	rBV	168731	327758	2.96%	1.183%
16	6.164	1565	1578	1597	rBV2	111893	214866	1.94%	0.776%
17	6.312	1610	1624	1635	rBV2	120998	239566	2.16%	0.865%
18	6.392	1635	1649	1671	rVB	880586	1738973	15.69%	6.277%
19	7.209	1889	1903	1921	rBV	61169	112958	1.02%	0.408%
20	7.450	1961	1978	1997	rBV	274564	496683	4.48%	1.793%
21	7.546	1997	2008	2019	rVV	257954	446613	4.03%	1.612%
22	7.617	2019	2030	2061	rVB	1013380	1717406	15.49%	6.199%
23	7.845	2089	2101	2119	rVB3	69342	148474	1.34%	0.536%
24	8.209	2202	2214	2231	rVB	185038	309384	2.79%	1.117%
25	8.299	2231	2242	2251	rBV	287943	477353	4.31%	1.723%
26	8.350	2251	2258	2279	rVB	193705	346988	3.13%	1.252%
27	9.074	2470	2483	2509	rBV	264151	432755	3.90%	1.562%
28	9.234	2518	2533	2559	rBV	694133	1095439	9.88%	3.954%
29	9.363	2560	2573	2601	rVB	583652	924841	8.34%	3.338%
30	10.418	2889	2901	2914	rBV	98109	158403	1.43%	0.572%
31	11.401	3196	3207	3218	rBV	330052	519596	4.69%	1.876%
32	11.469	3218	3228	3250	rVB	273120	436169	3.93%	1.574%
33	11.845	3333	3345	3364	rBV	243057	388074	3.50%	1.401%

LSC Area Percent Report

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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\SOMUTR071619WMA.M
Title : TRACE VOA SOM01.0

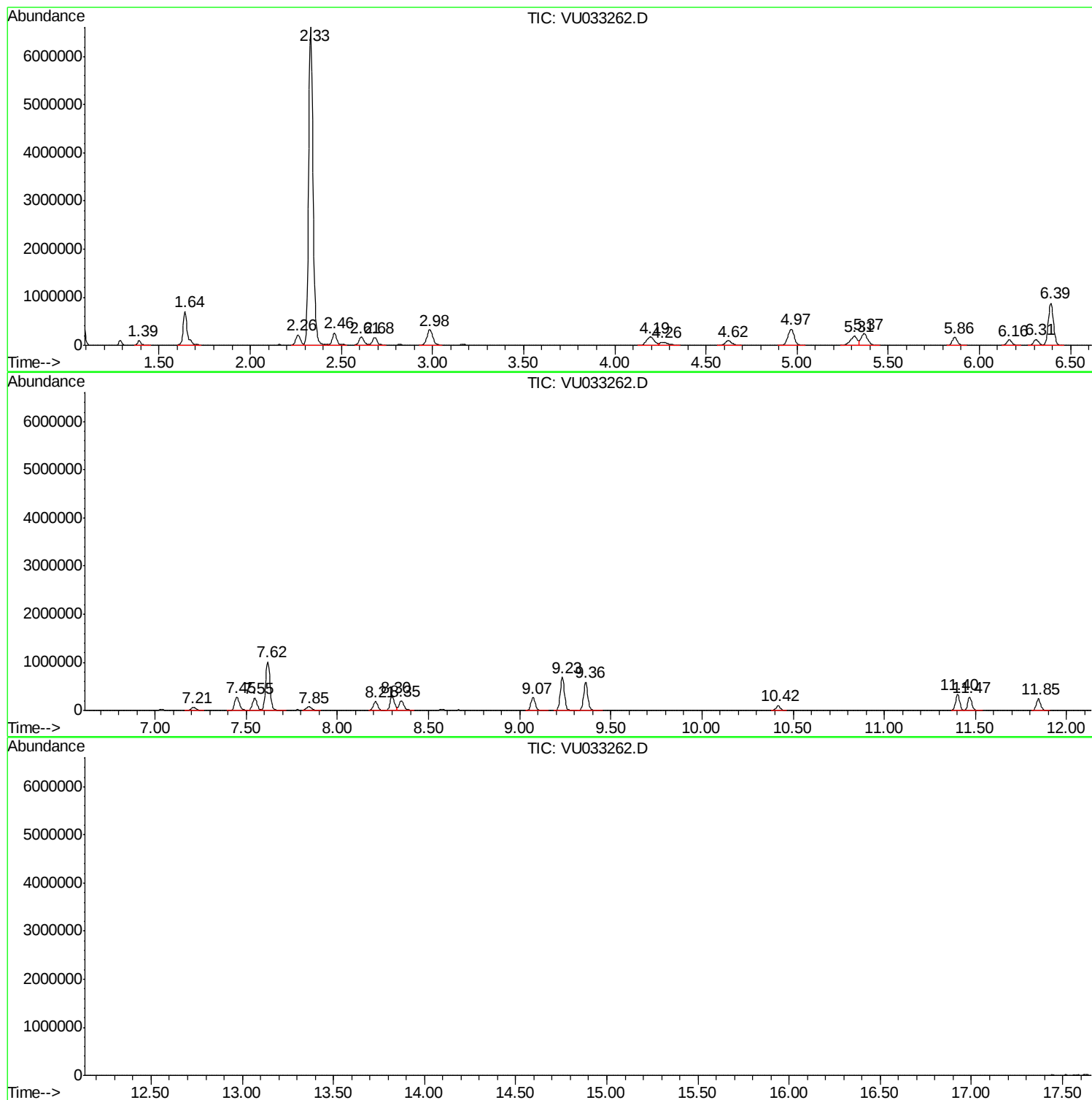
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

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



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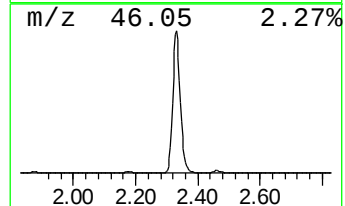
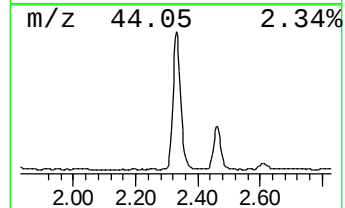
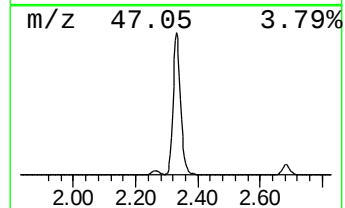
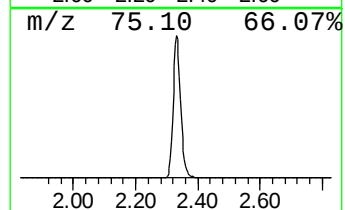
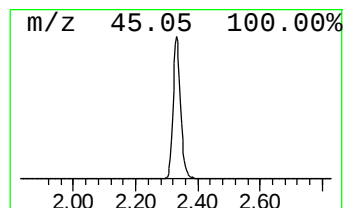
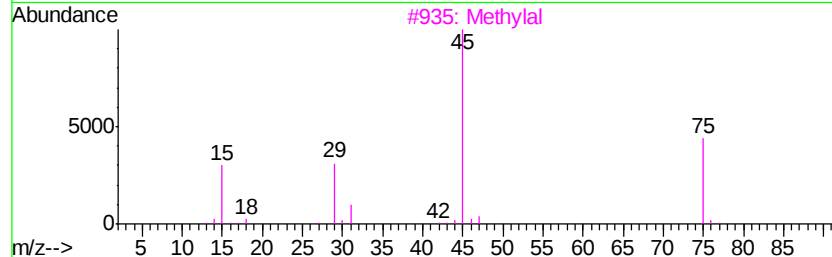
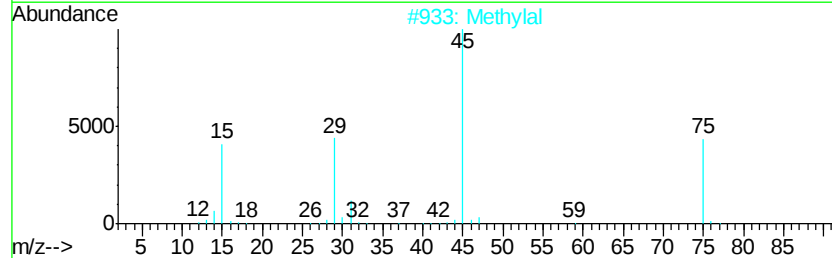
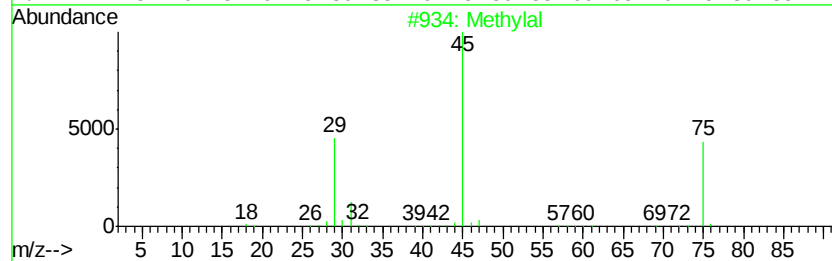
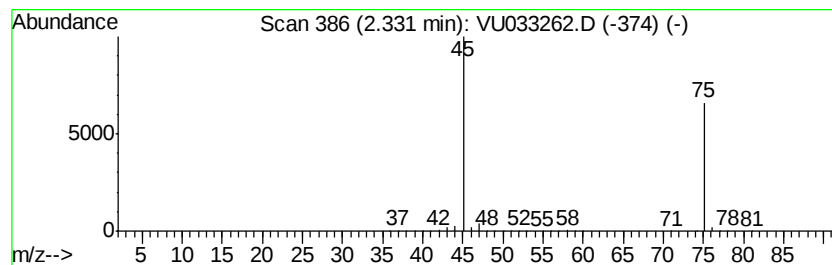
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

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.
2.33	169.12 ug/L	11085800	1,4-Difluorobenzene	5.86

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		Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	7



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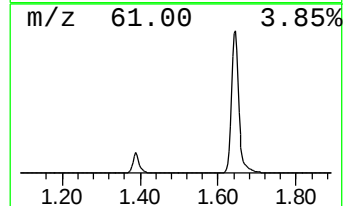
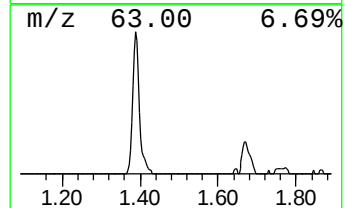
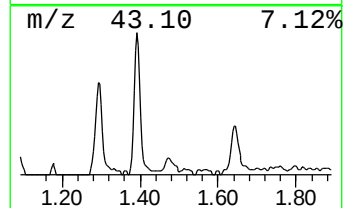
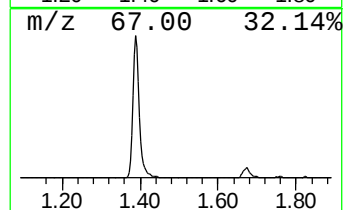
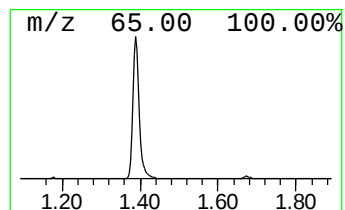
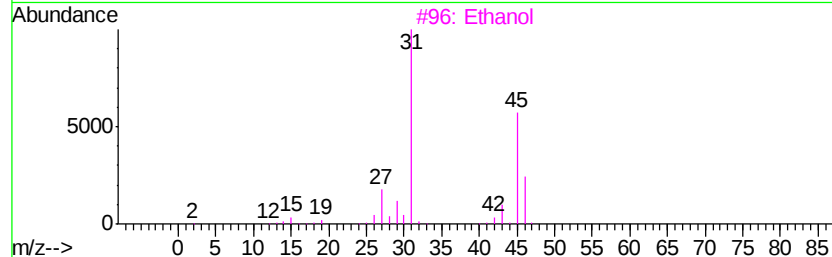
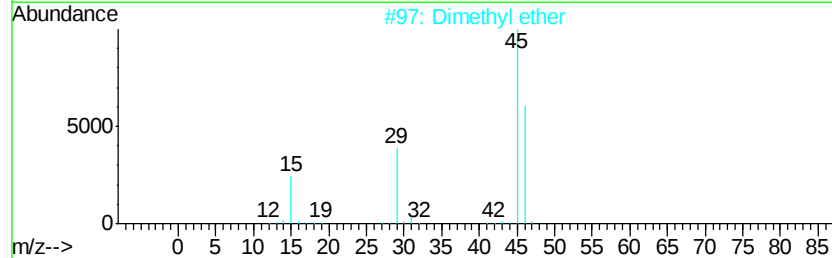
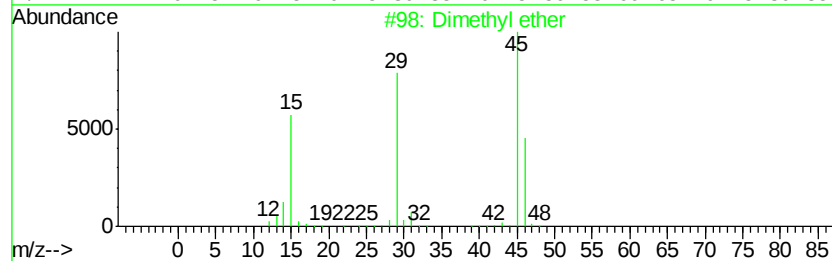
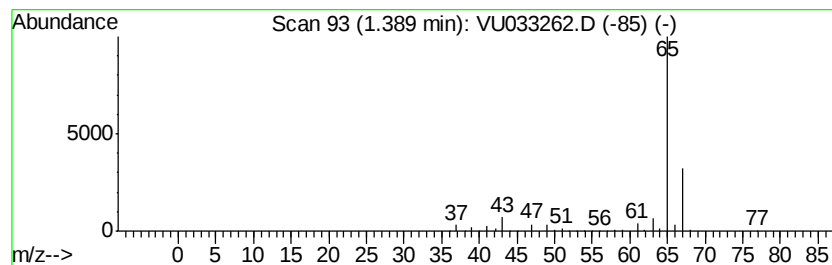
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.39	1.77 ug/L	116274	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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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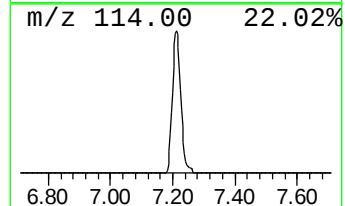
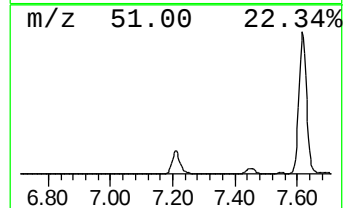
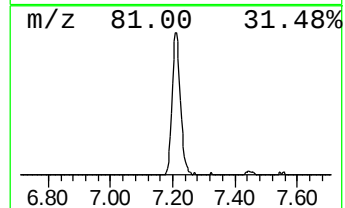
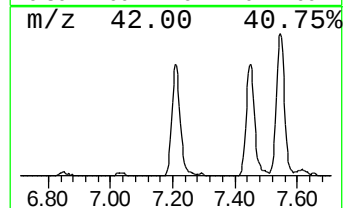
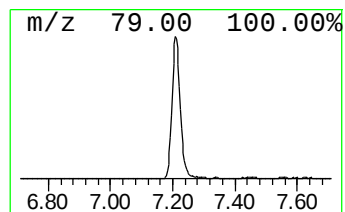
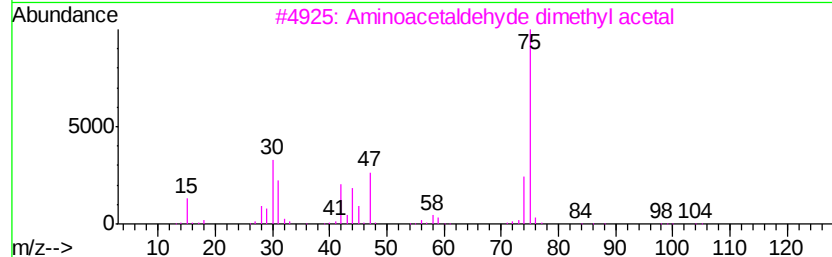
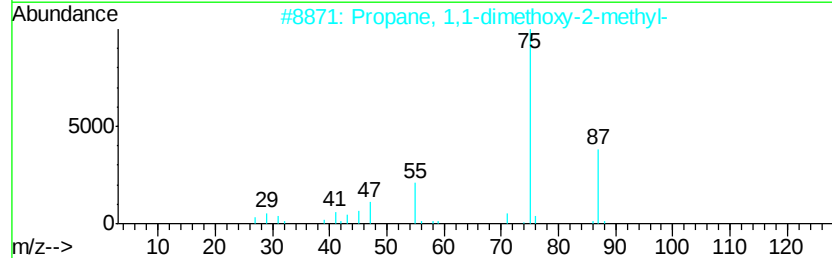
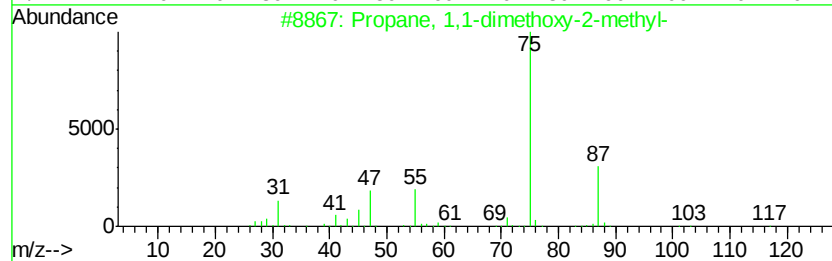
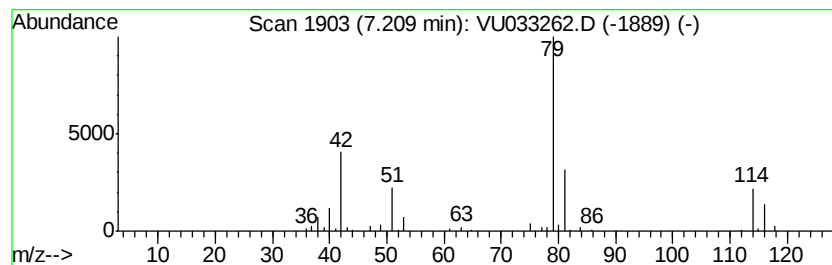
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Propane, 1,1-dimethoxy-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	1.72 ug/L	112958	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	78
2		Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	56
3		Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
4		Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	9
5		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9



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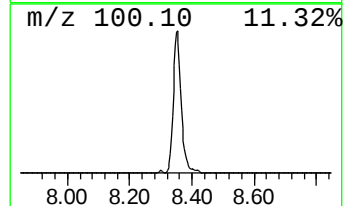
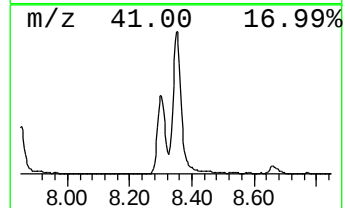
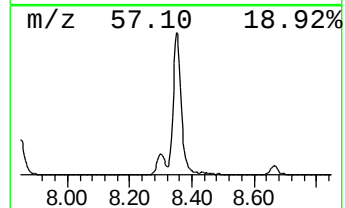
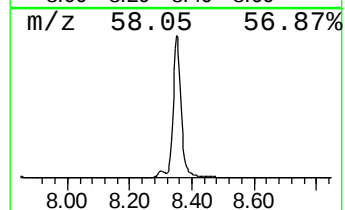
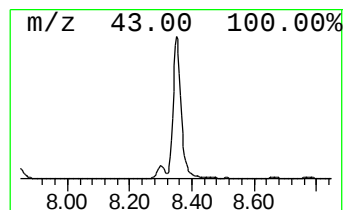
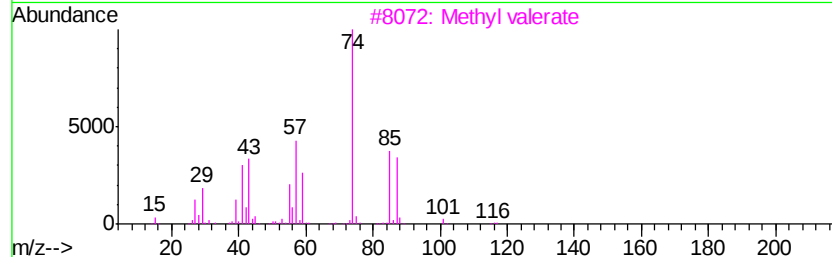
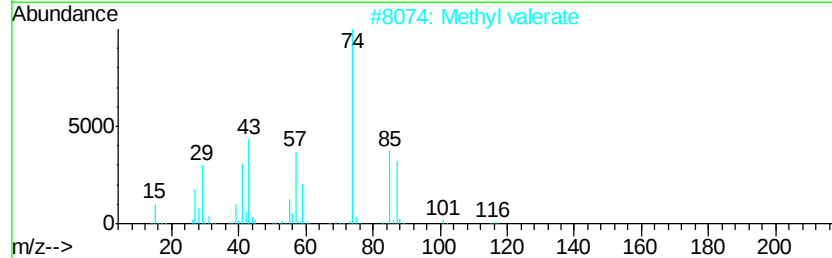
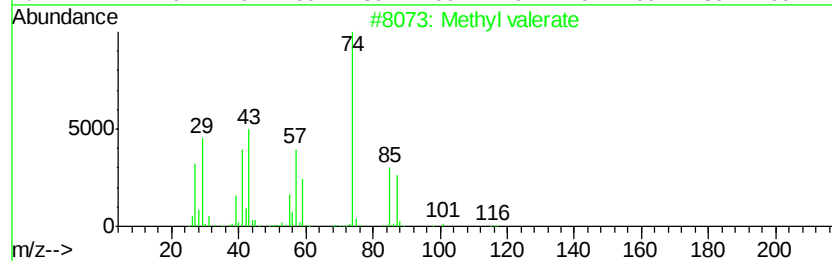
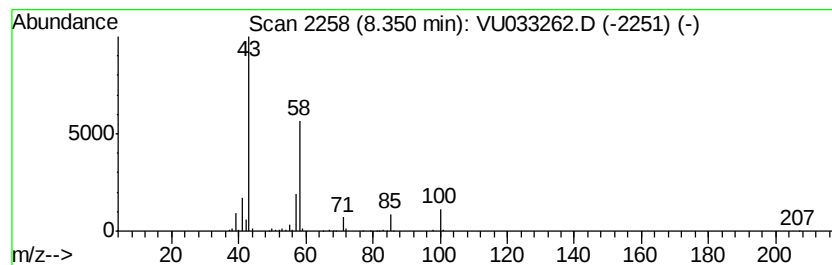
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Methyl valerate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	4.01 ug/L	346988	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl valerate	116	C6H12O2	000624-24-8	64
2		Methyl valerate	116	C6H12O2	000624-24-8	64
3		Methyl valerate	116	C6H12O2	000624-24-8	59
4		Methyl isovalerate	116	C6H12O2	000556-24-1	42
5		Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	36



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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	2.33	169.1	ug/L	11085800	1	5.86	327758	5.0
Dimethyl ether	1.39	1.8	ug/L	116274	1	5.86	327758	5.0
Propane, 1,1-dime...	7.21	1.7	ug/L	112958	1	5.86	327758	5.0
Methyl valerate	8.35	4.0	ug/L	346988	2	9.07	432755	5.0