

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071719\
 Data File : VU033279.D
 Acq On : 17 Jul 2019 09:56
 Operator : JC/SP
 Sample : K3772-01DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52T8DL

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	107	rBV	88556	98101	3.76%	1.017%
2	1.637	159	170	176	rBV	201101	251161	9.62%	2.603%
3	1.672	176	181	194	rVB	81487	100893	3.86%	1.046%
4	2.260	354	364	374	rBV2	174535	273923	10.49%	2.839%
5	2.328	374	385	416	rVV	1675255	2611484	100.00%	27.064%
6	2.463	417	427	446	rVB	62343	103088	3.95%	1.068%
7	2.604	460	471	485	rBV	45162	78264	3.00%	0.811%
8	2.682	485	495	512	rVB	43551	77856	2.98%	0.807%
9	2.984	576	589	611	rVB	81014	177676	6.80%	1.841%
10	4.173	945	959	979	rBV2	82805	273357	10.47%	2.833%
11	4.260	980	986	1006	rVB	15587	35326	1.35%	0.366%
12	4.624	1078	1099	1122	rBV	95951	232293	8.90%	2.407%
13	4.968	1188	1206	1229	rBV	79620	188156	7.20%	1.950%
14	5.315	1292	1314	1325	rBV2	185901	525933	20.14%	5.451%
15	5.865	1470	1485	1508	rBV	156088	310862	11.90%	3.222%
16	6.167	1567	1579	1594	rVB2	27530	53624	2.05%	0.556%
17	6.312	1609	1624	1636	rBV2	124299	246616	9.44%	2.556%
18	6.392	1636	1649	1672	rVB2	199097	403701	15.46%	4.184%
19	7.209	1888	1903	1925	rBV	59580	109516	4.19%	1.135%
20	7.450	1966	1978	1995	rBV	59268	107857	4.13%	1.118%
21	7.546	1996	2008	2020	rVV	238806	413813	15.85%	4.289%
22	7.617	2020	2030	2056	rVB	222579	395608	15.15%	4.100%
23	7.836	2087	2098	2113	rBV2	40998	85239	3.26%	0.883%
24	8.209	2204	2214	2229	rVB2	43411	73027	2.80%	0.757%
25	8.299	2231	2242	2253	rBV	286321	493265	18.89%	5.112%
26	8.353	2254	2259	2277	rVB	46106	82327	3.15%	0.853%
27	9.074	2470	2483	2500	rBV	246029	408812	15.65%	4.237%
28	9.234	2521	2533	2555	rVB	144786	236019	9.04%	2.446%
29	9.363	2560	2573	2594	rBV	119662	192525	7.37%	1.995%
30	10.418	2888	2901	2919	rBV	100046	161773	6.19%	1.677%
31	11.401	3195	3207	3218	rBV	67820	108814	4.17%	1.128%
32	11.469	3218	3228	3252	rVB	234124	373495	14.30%	3.871%
33	11.845	3330	3345	3364	rBV	223716	364832	13.97%	3.781%

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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

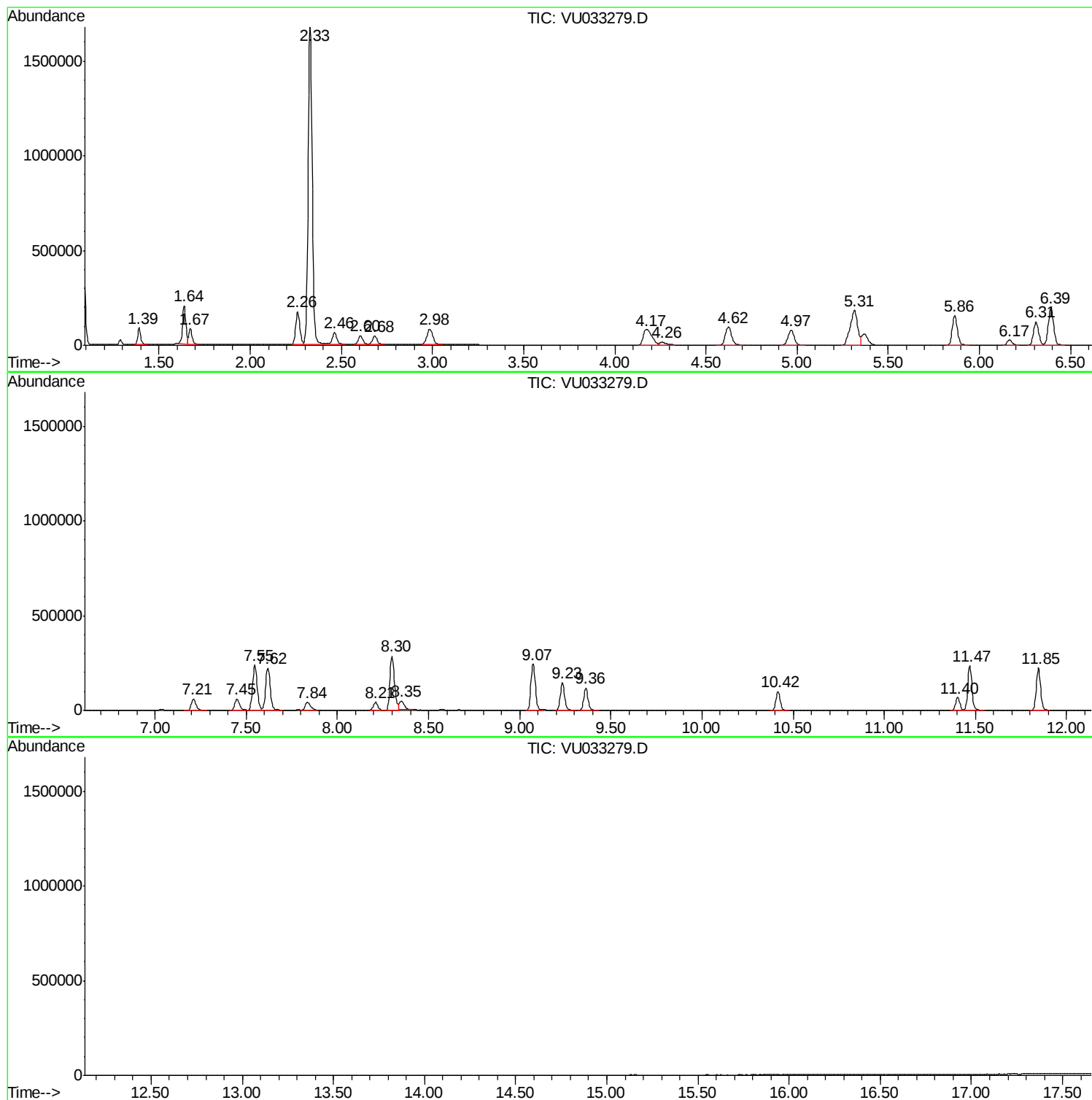
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0

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



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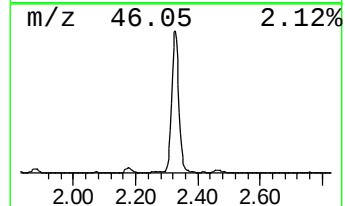
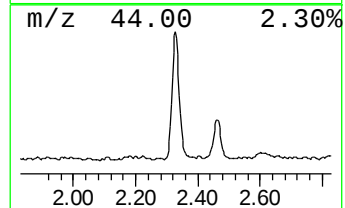
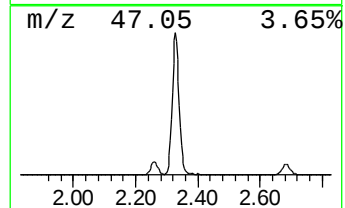
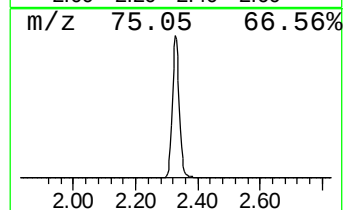
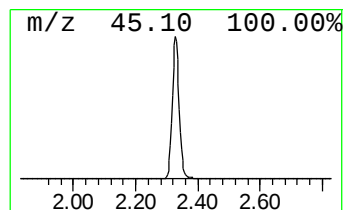
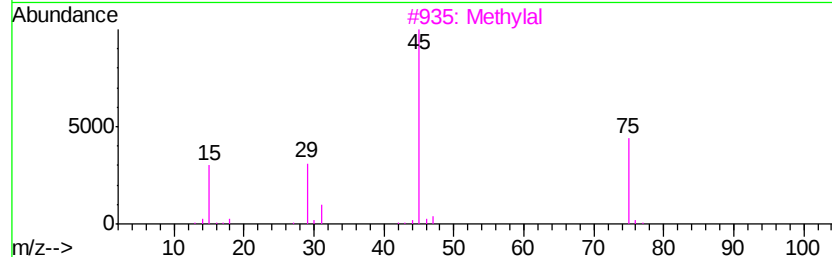
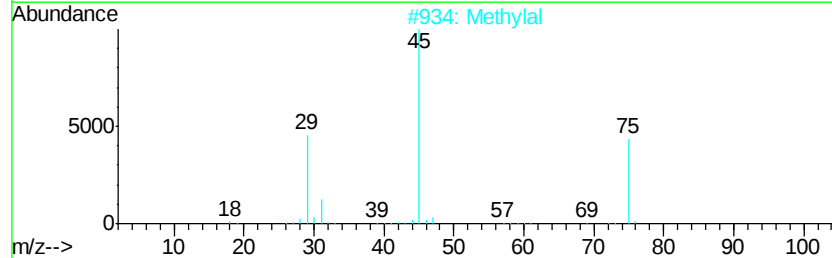
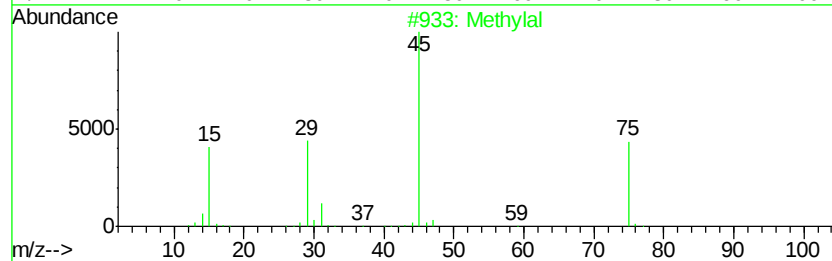
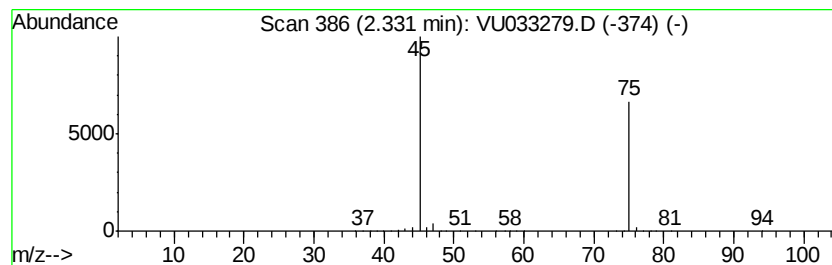
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Methylal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	42.00 ug/L	2611480	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylal	76	C3H8O2	000109-87-5	86
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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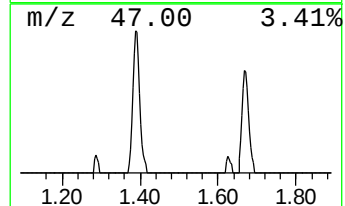
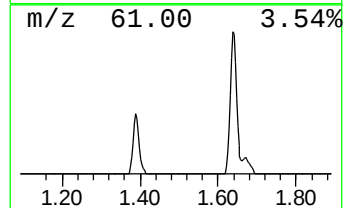
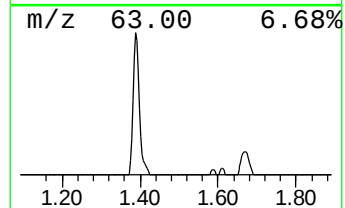
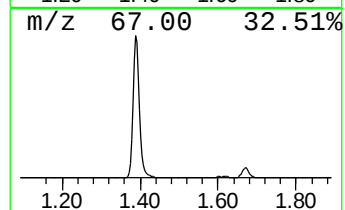
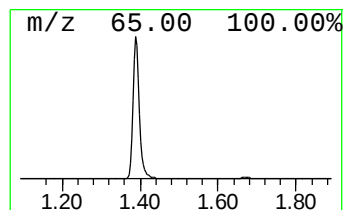
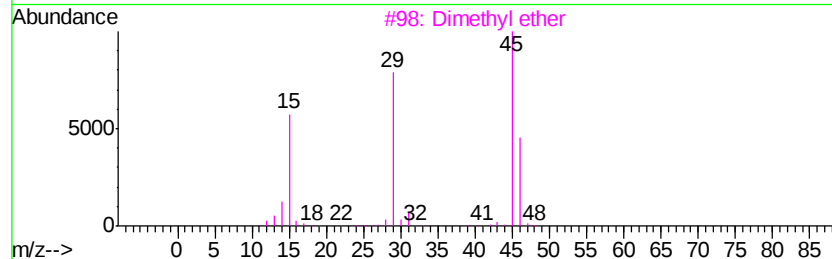
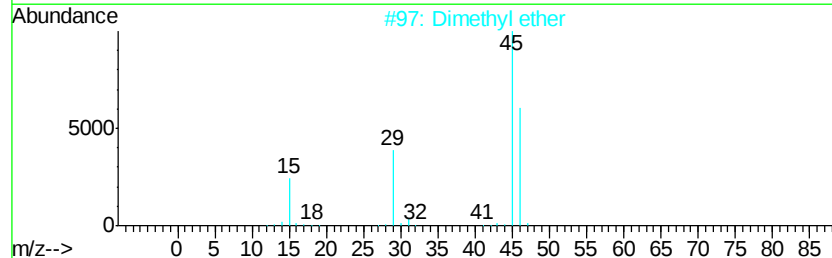
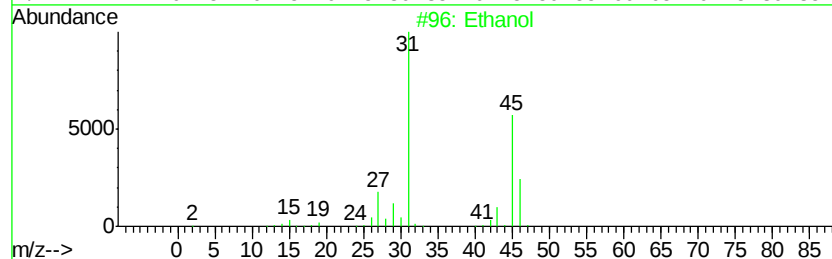
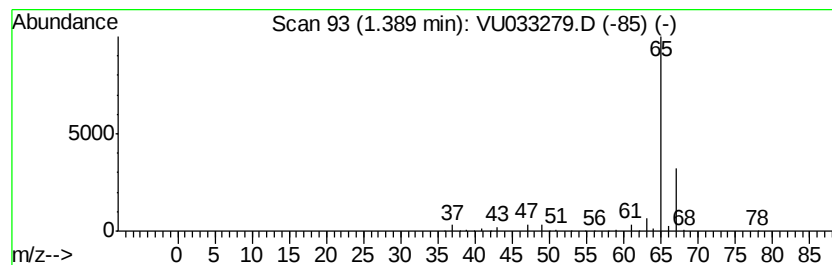
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	1.58 ug/L	98101	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	9
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Dimethyl ether	46	C2H6O	000115-10-6	9
4		Ethanol	46	C2H6O	000064-17-5	7
5		Ethanol	46	C2H6O	000064-17-5	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
Methylal	2.33	42.0	ug/L	2611480	1	5.86	310862	5.0
Dimethyl ether	1.39	1.6	ug/L	98101	1	5.86	310862	5.0