

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121119\
 Data File : VU036132.D
 Acq On : 11 Dec 2019 14:46
 Operator : JC/MD
 Sample : K6167-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX0

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\SOMUTR120919WMA.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	1.369	4	9	21	rBV3	24228	29439	1.70%	0.222%
2	1.613	76	85	95	rBV2	221284	250727	14.47%	1.891%
3	1.707	107	114	123	rBV	71991	101164	5.84%	0.763%
4	1.932	176	184	202	rVB	180082	256722	14.81%	1.936%
5	2.408	319	332	367	rVB	1119487	1733264	100.00%	13.072%
6	2.594	378	390	404	rBV	241613	398353	22.98%	3.004%
7	2.681	405	417	455	rVB	126594	325821	18.80%	2.457%
8	3.083	532	542	557	rVB3	21009	39494	2.28%	0.298%
9	3.919	786	802	822	rVB2	52113	119893	6.92%	0.904%
10	4.054	822	844	866	rBV2	140432	375836	21.68%	2.835%
11	4.707	1026	1047	1088	rBV2	227912	794196	45.82%	5.990%
12	5.115	1157	1174	1201	rBV4	241084	642777	37.08%	4.848%
13	5.363	1234	1251	1263	rBV4	35254	78777	4.55%	0.594%
14	5.768	1355	1377	1389	rBV2	430290	1121260	64.69%	8.456%
15	6.292	1525	1540	1558	rBV	375411	725892	41.88%	5.475%
16	6.578	1618	1629	1639	rBV	9334	20150	1.16%	0.152%
17	6.732	1662	1677	1695	rBV2	267013	524860	30.28%	3.958%
18	7.144	1795	1805	1817	rVB3	10157	18023	1.04%	0.136%
19	7.604	1934	1948	1967	rBV	116818	224198	12.94%	1.691%
20	7.935	2036	2051	2065	rVV	457526	819731	47.29%	6.182%
21	8.002	2067	2072	2090	rVB	23239	42721	2.46%	0.322%
22	8.214	2126	2138	2154	rBV2	79709	148016	8.54%	1.116%
23	8.678	2267	2282	2319	rBV	551699	1262623	72.85%	9.523%
24	8.822	2323	2327	2339	rVB9	10496	18334	1.06%	0.138%
25	9.449	2508	2522	2527	rBV	562589	992618	57.27%	7.486%
26	9.719	2595	2606	2619	rVB2	16009	27474	1.59%	0.207%
27	10.137	2723	2736	2757	rVB5	21840	48038	2.77%	0.362%
28	10.510	2841	2852	2862	rBV3	38560	60837	3.51%	0.459%
29	10.784	2924	2937	2958	rBV	239140	403706	23.29%	3.045%
30	10.915	2969	2978	2993	rBV4	9043	17533	1.01%	0.132%
31	11.491	3148	3157	3169	rVB2	16043	27013	1.56%	0.204%
32	11.838	3253	3265	3282	rVV	434472	766969	44.25%	5.784%
33	11.941	3282	3297	3306	rVB	13706	34812	2.01%	0.263%
34	12.115	3346	3351	3369	rVB6	13702	27891	1.61%	0.210%

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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

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Peak separation: 5

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Title : TRACE VOA SOM01.0

35	12.218	3369	3383	3400	rBV	432666	757794	43.72%	5.715%
36	13.475	3764	3774	3788	rVB5	12637	22210	1.28%	0.168%

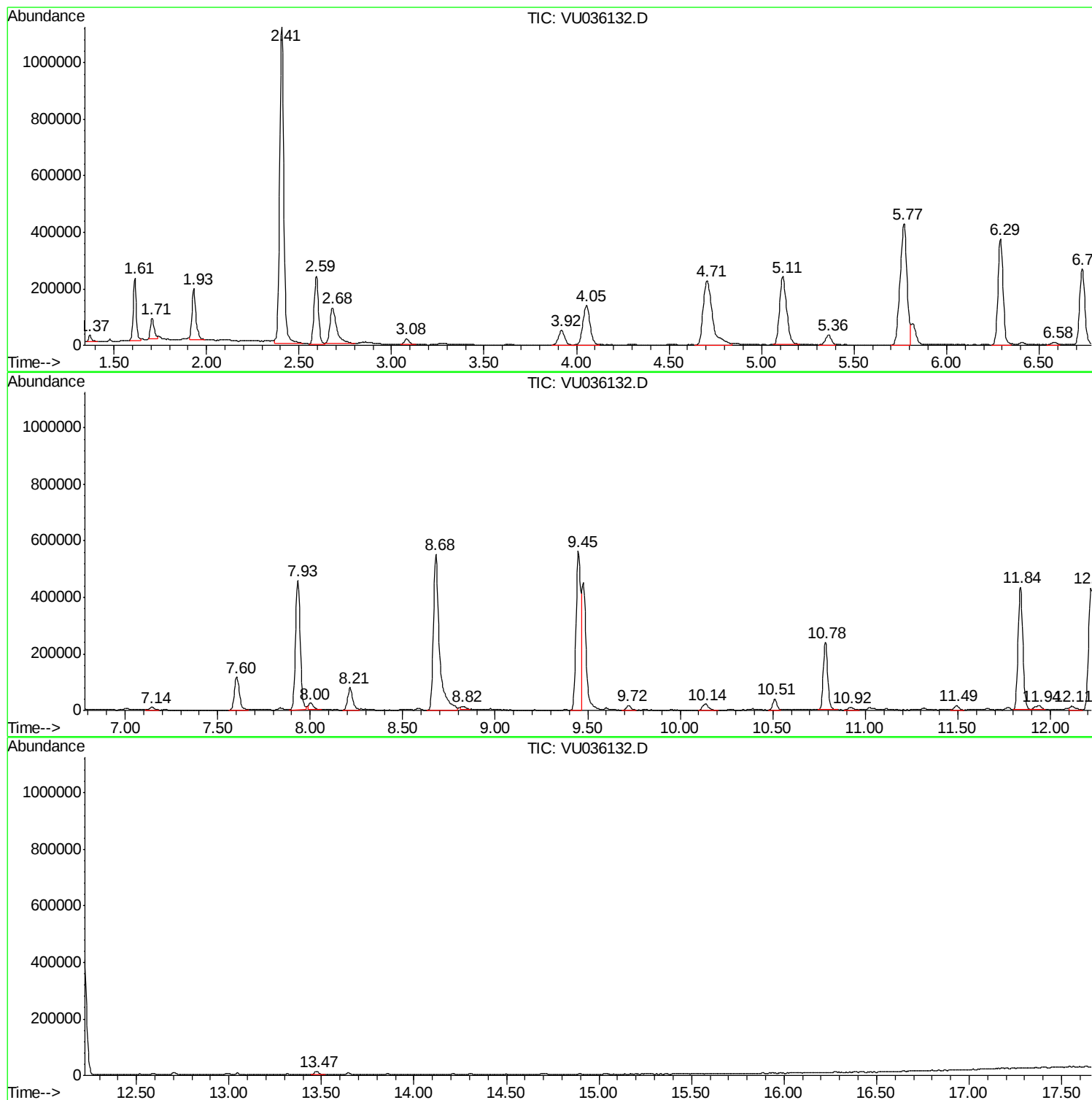
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Quant Title : TRACE VOA SOM01.0

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



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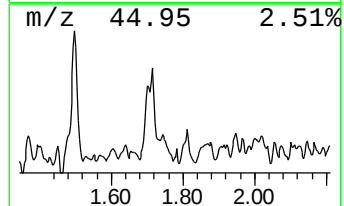
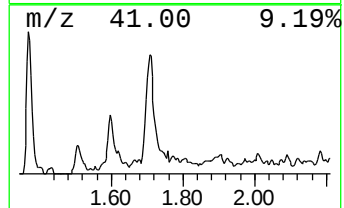
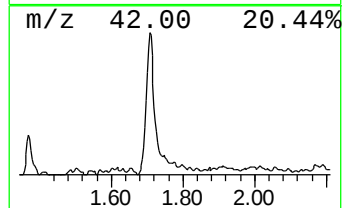
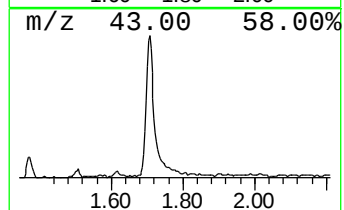
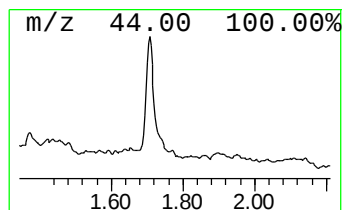
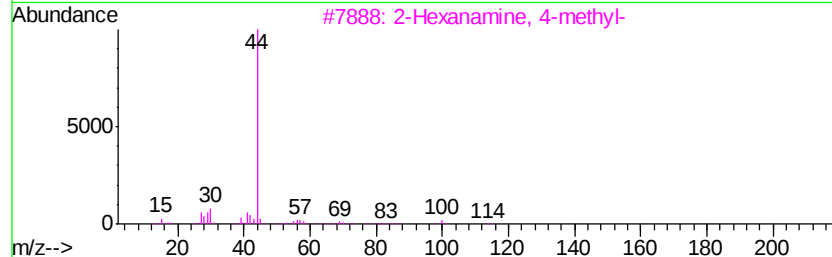
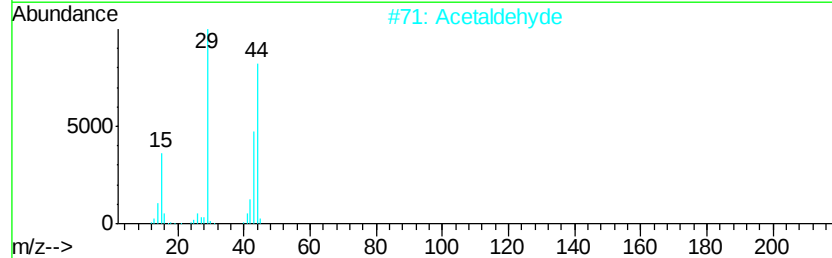
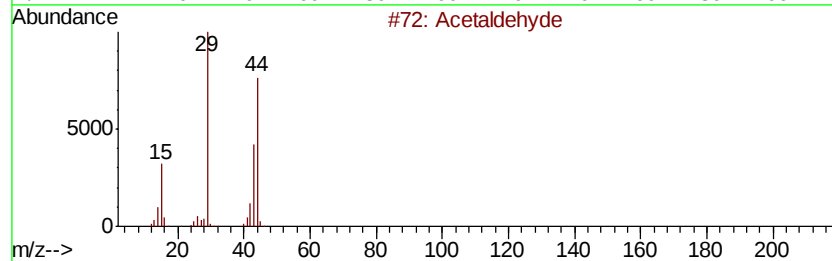
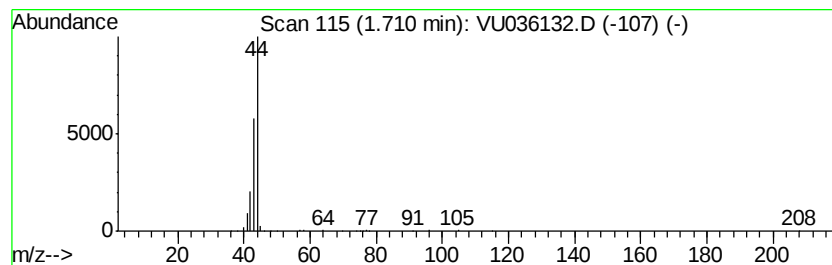
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.71	0.70 ug/L	101164	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetaldehyd	44	C2H4O	000075-07-0	9
2		Acetaldehyd	44	C2H4O	000075-07-0	9
3		2-Hexanamine, 4-methyl-	115	C7H17N	000105-41-9	5
4		Tuaminoheptane	115	C7H17N	000123-82-0	5
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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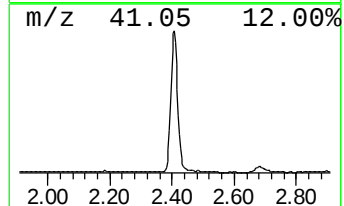
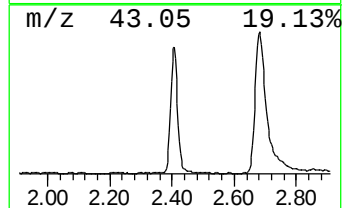
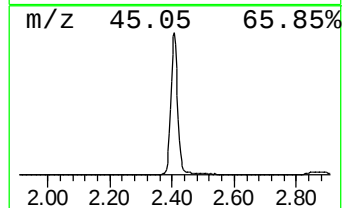
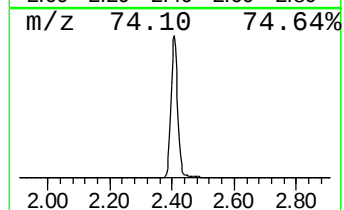
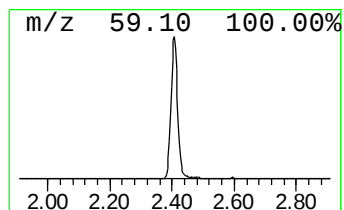
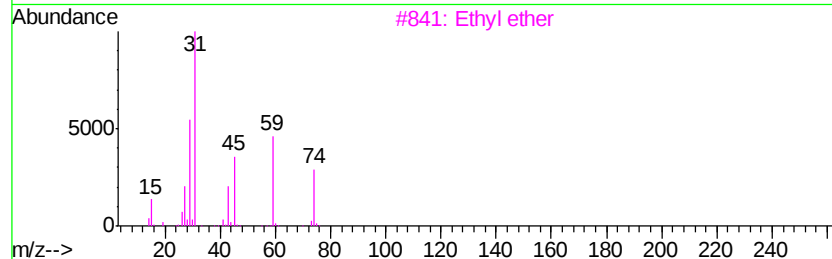
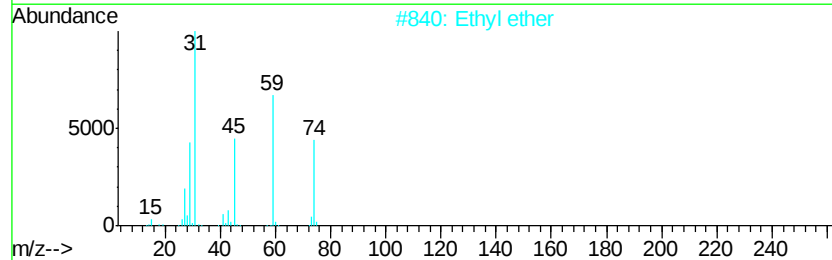
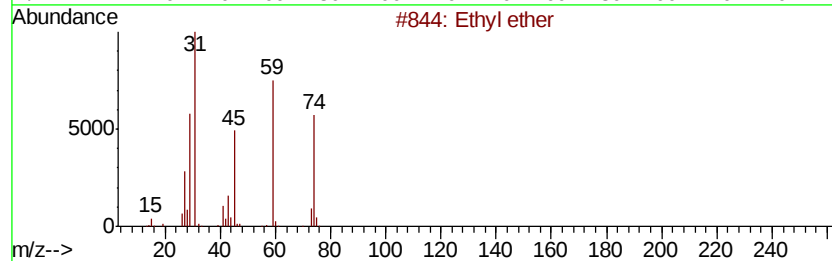
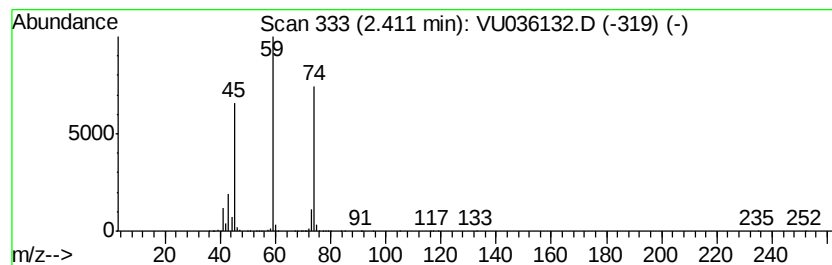
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.41	11.94 ug/L	1733260	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	90
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	90
4		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	78
5		Ethyl ether	74	C4H10O	000060-29-7	72



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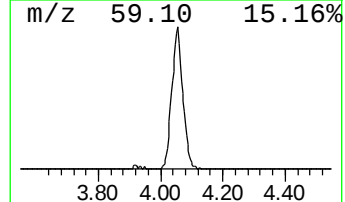
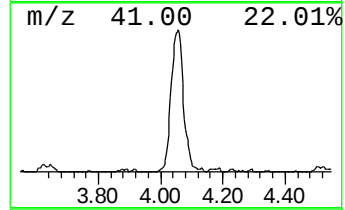
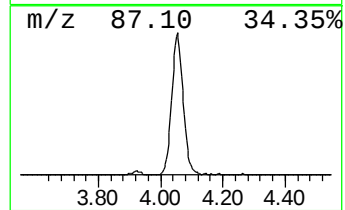
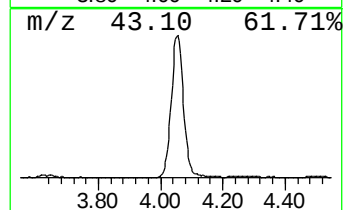
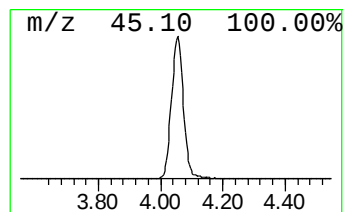
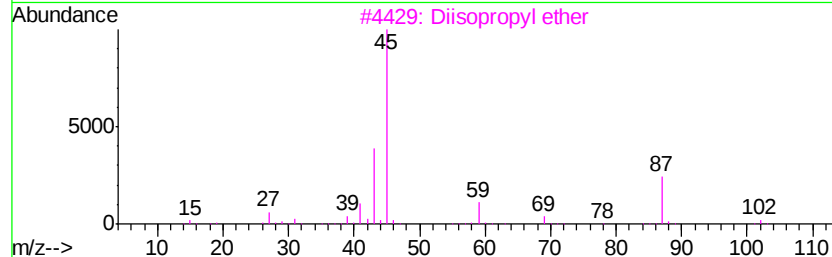
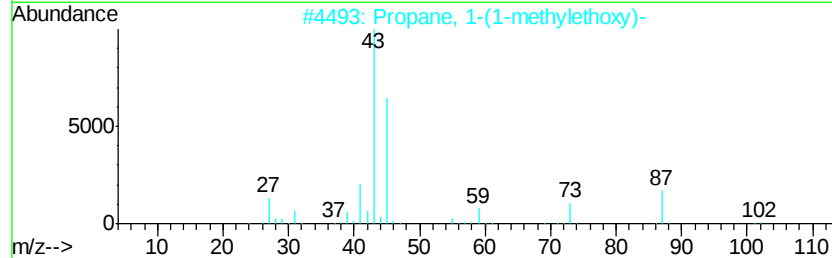
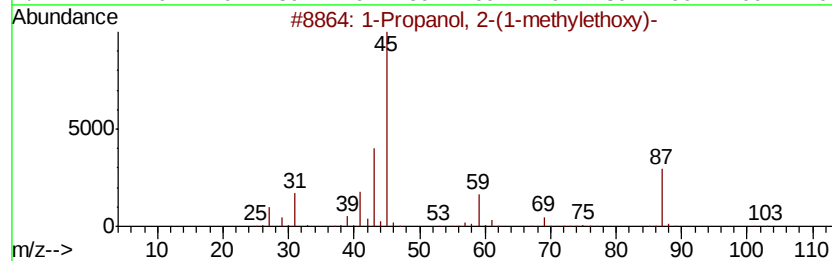
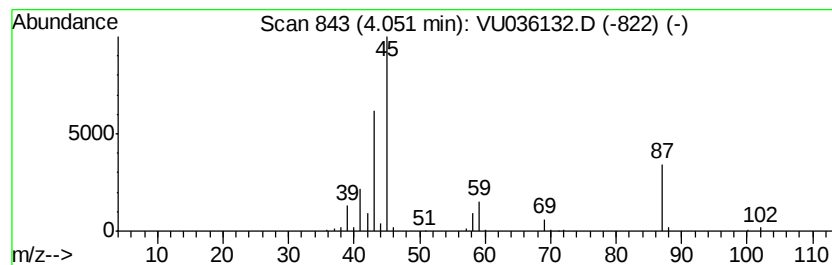
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Propanol, 2-(1-methyletho... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	2.59 ug/L	375836	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
2		Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	64
3		Diisopropyl ether	102	C6H14O	000108-20-3	64
4		Diisopropyl ether	102	C6H14O	000108-20-3	56
5		1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	56



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.71	0.7	ug/L	101164	1	6.29	725892	5.0
Ethyl ether	2.41	11.9	ug/L	1733260	1	6.29	725892	5.0
1-Propanol, 2-(1-...	4.05	2.6	ug/L	375836	1	6.29	725892	5.0