

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052220\
 Data File : VU038288.D
 Acq On : 22 May 2020 19:25
 Operator : JC/MD
 Sample : L2724-14DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W0DL

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\SOMUTR050720WMA.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	3	9	15	rBV	23683	24706	1.27%	0.152%
2	1.610	75	84	95	rVB	144781	170794	8.80%	1.054%
3	1.928	175	183	201	rVB	129618	183121	9.43%	1.130%
4	2.401	320	330	346	rVB	253643	377650	19.46%	2.331%
5	2.591	377	389	405	rBV	245563	394771	20.34%	2.436%
6	3.112	546	551	564	rVB4	15616	27719	1.43%	0.171%
7	3.221	571	585	604	rVB	20987	49968	2.57%	0.308%
8	3.395	621	639	656	rBV4	34488	78063	4.02%	0.482%
9	3.735	728	745	764	rBV2	18148	40483	2.09%	0.250%
10	4.034	817	838	865	rBV2	547918	1420774	73.20%	8.768%
11	4.571	988	1005	1019	rBV2	62376	152095	7.84%	0.939%
12	4.665	1019	1034	1060	rBV2	279810	698543	35.99%	4.311%
13	5.102	1152	1170	1192	rBV	265439	593079	30.56%	3.660%
14	5.423	1258	1270	1282	rBV8	9686	21544	1.11%	0.133%
15	5.761	1351	1375	1381	rBV2	478774	1203733	62.02%	7.428%
16	5.809	1381	1390	1406	rVB	957404	1940927	100.00%	11.978%
17	6.279	1522	1536	1561	rBV	389144	745512	38.41%	4.601%
18	6.722	1659	1674	1688	rBV	302489	584586	30.12%	3.608%
19	7.591	1930	1944	1963	rBV	156386	270505	13.94%	1.669%
20	7.922	2027	2047	2064	rBV	566511	1021154	52.61%	6.302%
21	8.201	2122	2134	2149	rBV2	94596	163911	8.44%	1.012%
22	8.655	2260	2275	2313	rBV	860575	1545826	79.64%	9.539%
23	9.436	2504	2518	2551	rBV2	545792	1293617	66.65%	7.983%
24	9.713	2593	2604	2618	rBV	74992	129972	6.70%	0.802%
25	10.115	2713	2729	2744	rBV	13682	25979	1.34%	0.160%
26	10.497	2834	2848	2866	rBV	159582	257316	13.26%	1.588%
27	10.771	2915	2933	2955	rVB	234332	382352	19.70%	2.360%
28	10.902	2963	2974	2990	rBV7	28378	56083	2.89%	0.346%
29	11.044	3009	3018	3029	rVB6	18768	31302	1.61%	0.193%
30	11.304	3088	3099	3114	rVB	18656	31030	1.60%	0.191%
31	11.478	3145	3153	3167	rVB2	18686	28945	1.49%	0.179%
32	11.825	3248	3261	3276	rBV	581088	980729	50.53%	6.052%
33	11.902	3276	3285	3296	rVB3	26341	41361	2.13%	0.255%
34	12.108	3332	3349	3362	rBV4	39040	67721	3.49%	0.418%

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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

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Title : TRACE VOA SOM01.0

35	12.205	3366	3379	3402	rVB	612424	1056410	54.43%	6.519%
36	12.886	3582	3591	3605	rBV4	17848	30962	1.60%	0.191%
37	14.114	3964	3973	3986	rVB	12061	20334	1.05%	0.125%
38	16.966	4850	4860	4870	rBV3	34776	61064	3.15%	0.377%

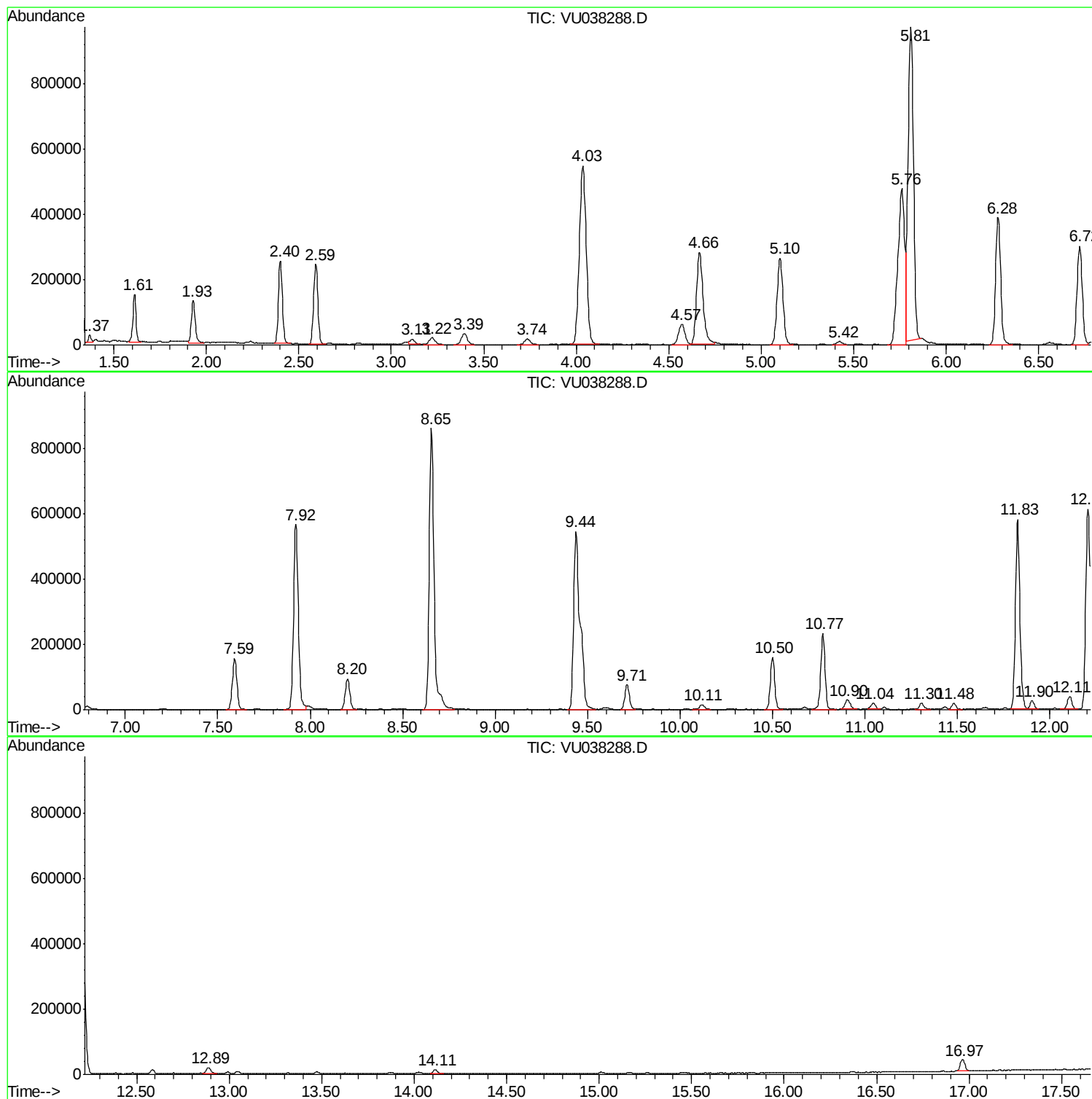
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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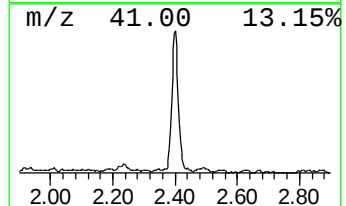
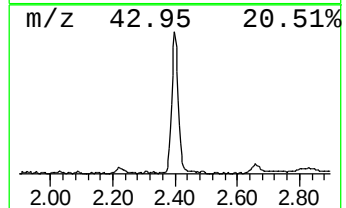
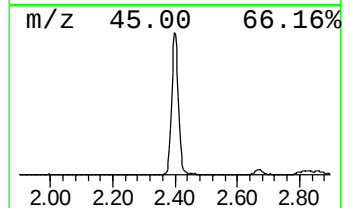
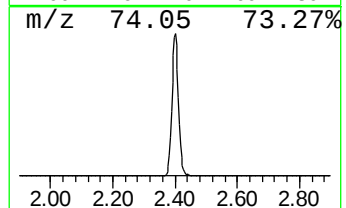
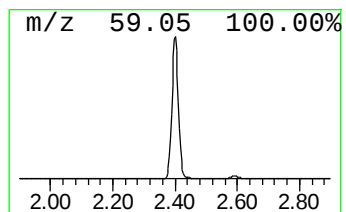
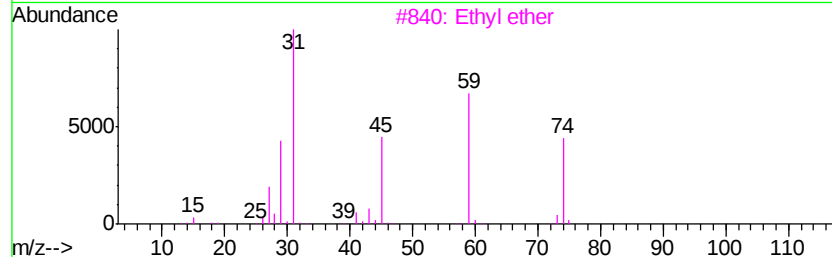
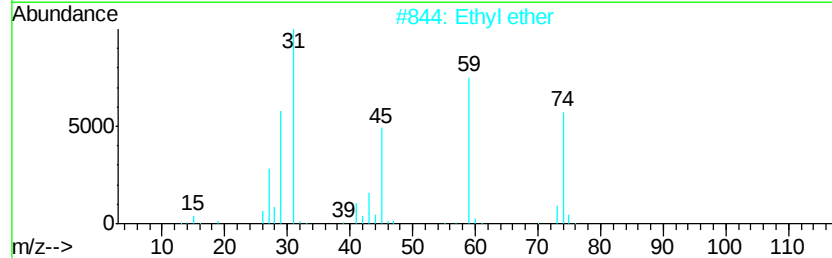
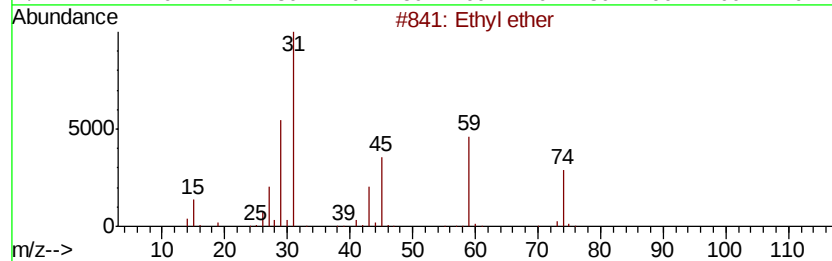
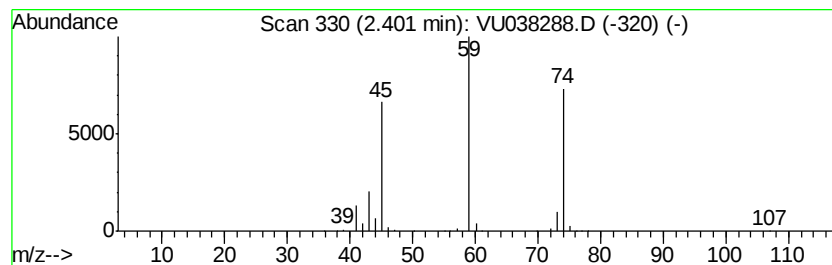
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	2.53 ug/L	377650	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Ethyl ether	74	C4H10O	000060-29-7	59
5			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	56



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Instrument :
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ClientSampleId :
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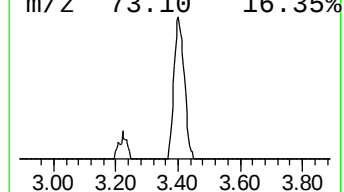
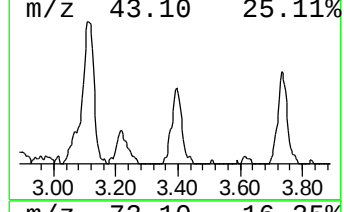
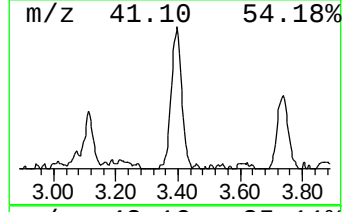
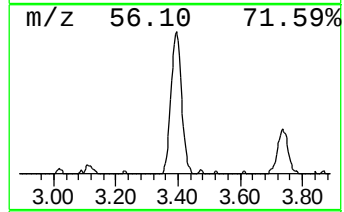
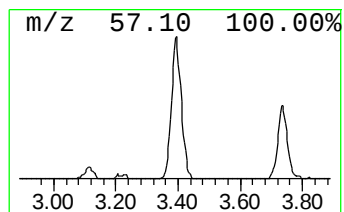
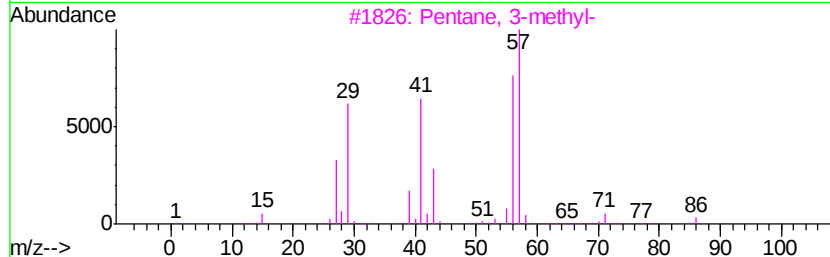
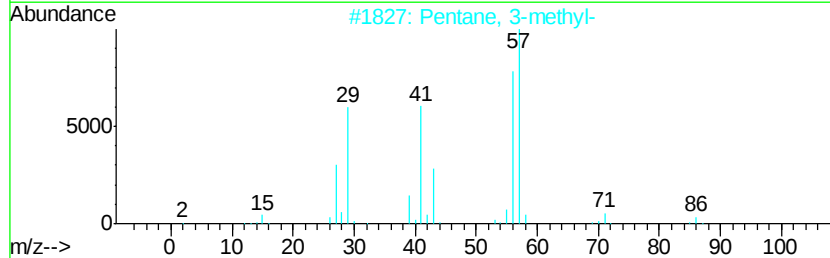
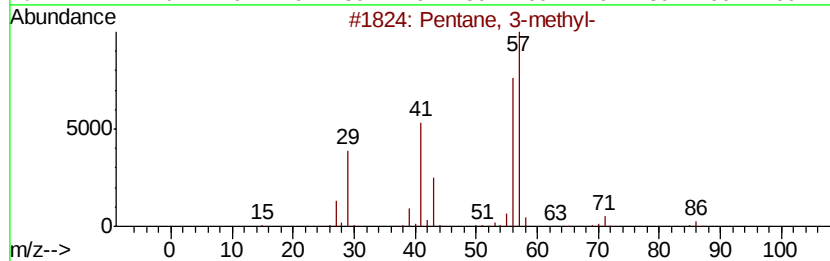
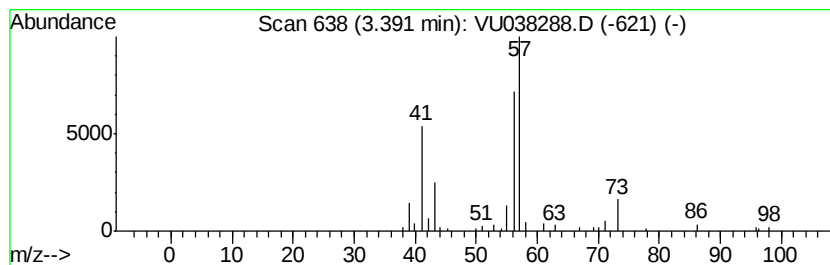
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	0.52 ug/L	78063	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	68
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	68
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	64
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53



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ALS Vial : 3 Sample Multiplier: 1

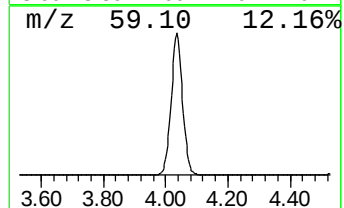
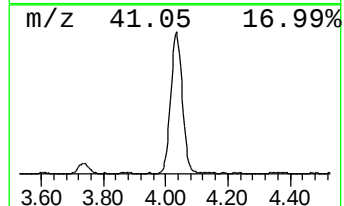
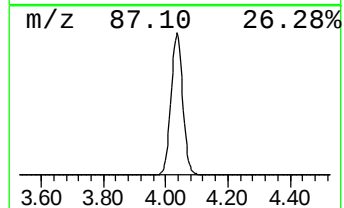
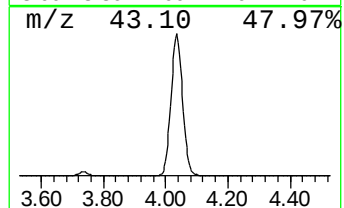
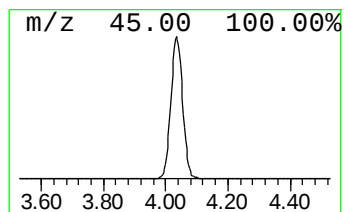
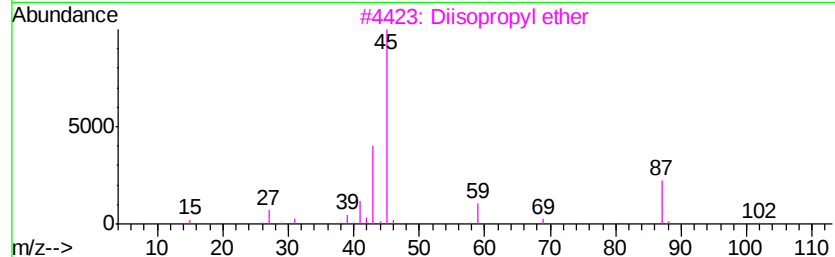
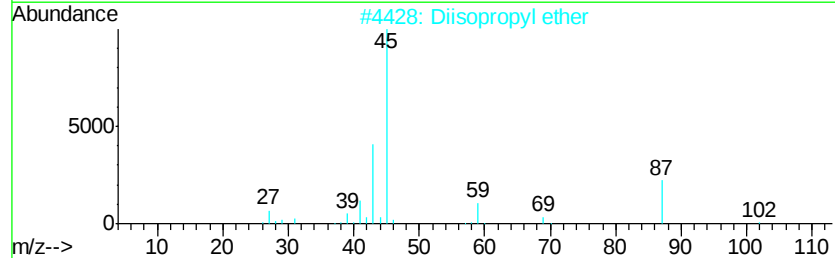
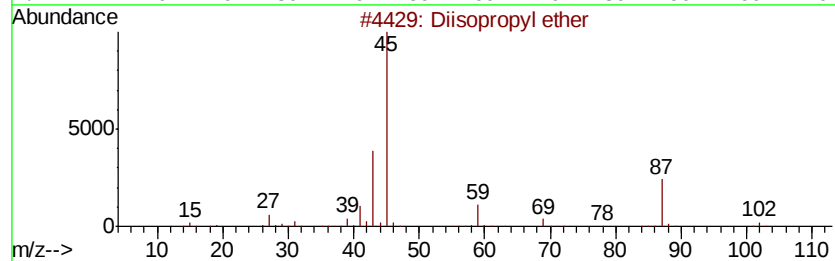
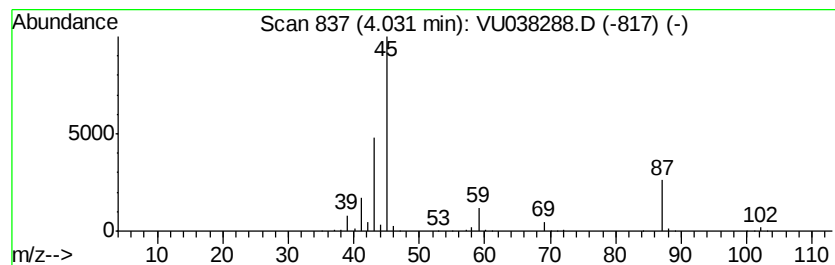
Instrument :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.03	9.53 ug/L	1420770	1,4-Difluorobenzene	6.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	90
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64



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ALS Vial : 3 Sample Multiplier: 1

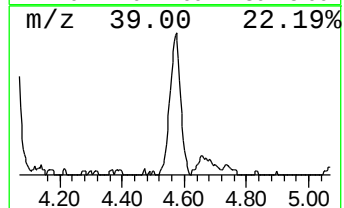
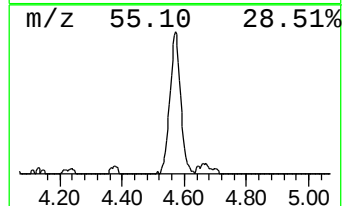
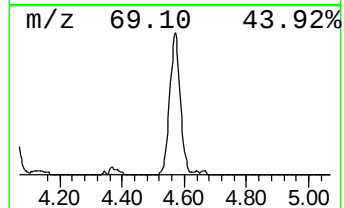
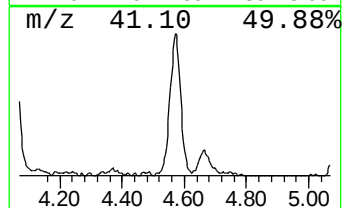
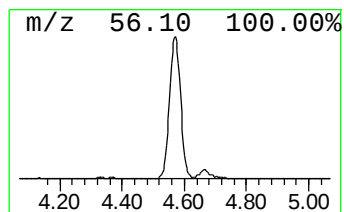
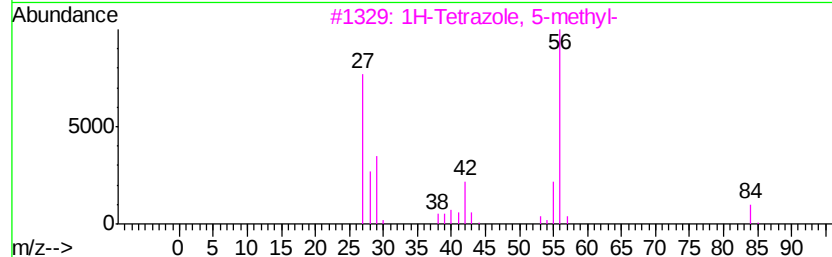
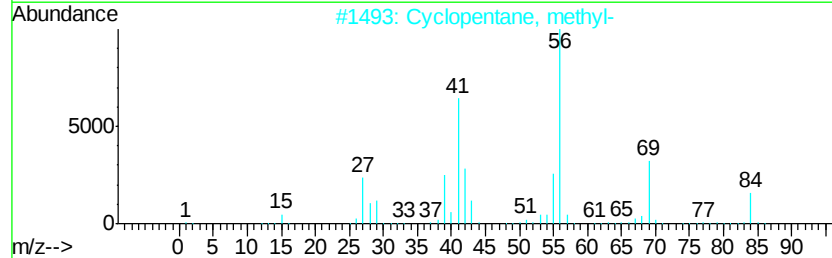
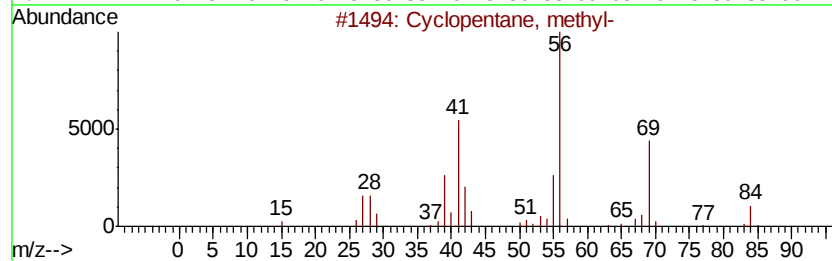
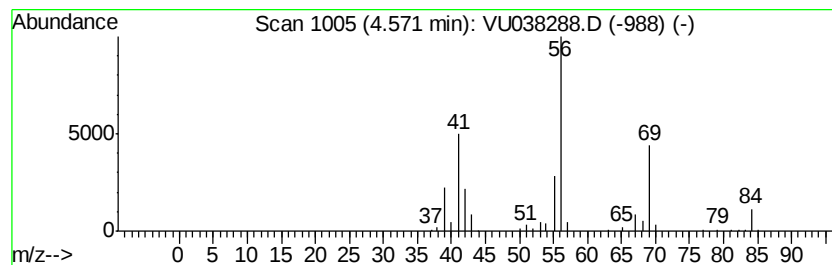
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic4.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.57	1.02 ug/L	152095	1,4-Difluorobenzene	6.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72



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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
Ethyl ether	2.40	2.5	ug/L	377650	1	6.28	745512	5.0
(DEL) Alkane: Str...	3.39	0.5	ug/L	78063	1	6.28	745512	5.0
Diisopropyl ether	4.03	9.5	ug/L	1420770	1	6.28	745512	5.0
(DEL) Alkane: Cyc...	4.57	1.0	ug/L	152095	1	6.28	745512	5.0