

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038295.D
 Acq On : 26 May 2020 14:08
 Operator : JC/MD
 Sample : L2724-14DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 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	1.613	75	85	96	rVB	138816	155572	7.44%	0.967%
2	1.928	175	183	202	rVB	118544	167411	8.01%	1.040%
3	2.398	319	329	344	rVB	262760	389512	18.64%	2.421%
4	2.591	375	389	404	rBV	226438	372090	17.80%	2.312%
5	3.112	545	551	562	rVB3	16414	31267	1.50%	0.194%
6	3.218	570	584	600	rVB2	16085	38420	1.84%	0.239%
7	3.395	625	639	659	rVB3	35080	82073	3.93%	0.510%
8	3.735	731	745	760	rBV3	18763	42402	2.03%	0.264%
9	4.034	817	838	863	rBV2	561436	1453546	69.54%	9.033%
10	4.571	983	1005	1019	rBV3	67150	167380	8.01%	1.040%
11	4.661	1019	1033	1064	rVB	248311	596889	28.56%	3.709%
12	5.102	1152	1170	1192	rBV2	246370	560109	26.80%	3.481%
13	5.423	1258	1270	1281	rBV6	11753	25189	1.21%	0.157%
14	5.758	1346	1374	1381	rBV2	443704	1140349	54.56%	7.087%
15	5.809	1381	1390	1421	rVB	1009599	2090143	100.00%	12.990%
16	6.279	1522	1536	1558	rBV	404946	786465	37.63%	4.888%
17	6.722	1658	1674	1688	rBV	286307	554824	26.54%	3.448%
18	7.591	1927	1944	1957	rBV	148527	256501	12.27%	1.594%
19	7.922	2026	2047	2065	rBV	543257	969422	46.38%	6.025%
20	8.201	2121	2134	2148	rBV	93512	157303	7.53%	0.978%
21	8.655	2261	2275	2308	rBV	797143	1432322	68.53%	8.901%
22	9.436	2503	2518	2544	rBV2	576898	1344096	64.31%	8.353%
23	9.713	2591	2604	2616	rBV	86458	140426	6.72%	0.873%
24	10.118	2715	2730	2745	rVB2	16162	30305	1.45%	0.188%
25	10.500	2835	2849	2865	rBV	178074	284556	13.61%	1.768%
26	10.771	2916	2933	2947	rBV	223304	372249	17.81%	2.313%
27	10.902	2963	2974	2988	rBV5	48255	85710	4.10%	0.533%
28	11.041	3007	3017	3029	rVB6	19558	32779	1.57%	0.204%
29	11.304	3089	3099	3119	rVB4	21492	51419	2.46%	0.320%
30	11.478	3145	3153	3165	rVB2	22552	34159	1.63%	0.212%
31	11.825	3247	3261	3277	rBV	632235	1064750	50.94%	6.617%
32	11.902	3277	3285	3297	rVB3	27225	43966	2.10%	0.273%
33	12.105	3333	3348	3362	rVB3	45178	74149	3.55%	0.461%
34	12.205	3366	3379	3397	rBV	588965	1027747	49.17%	6.387%

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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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

35	14.114	3963	3973	3986	rVB	22514	35478	1.70%	0.220%
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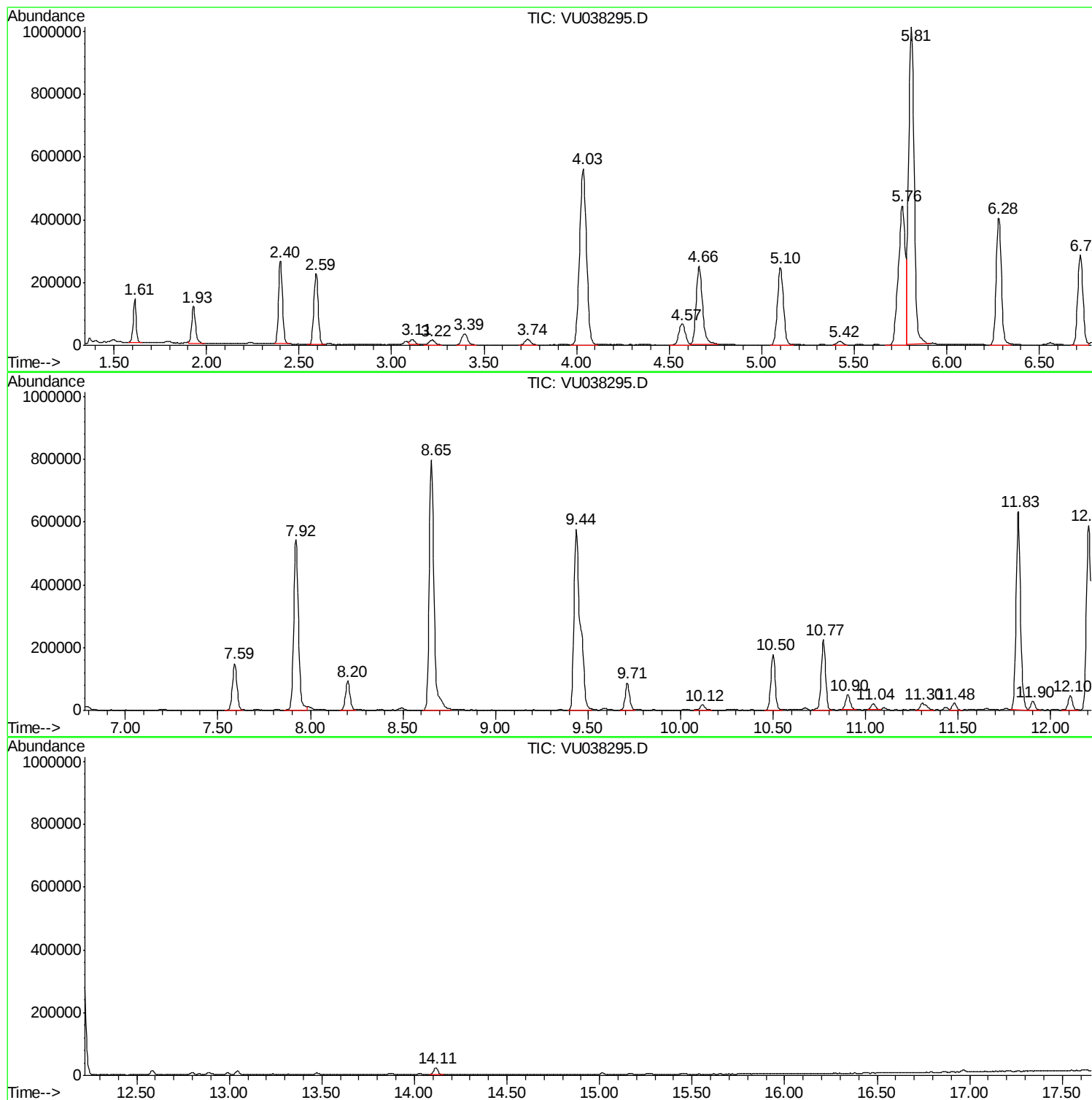
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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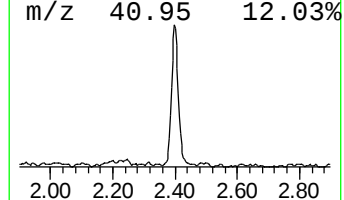
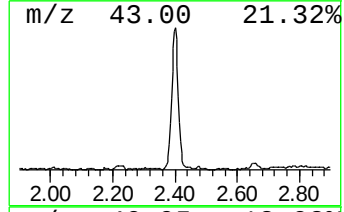
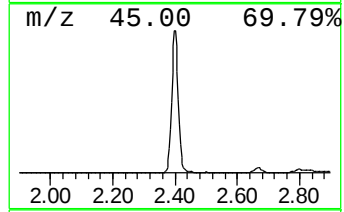
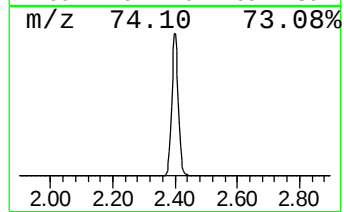
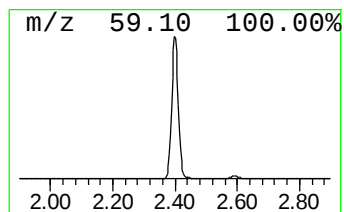
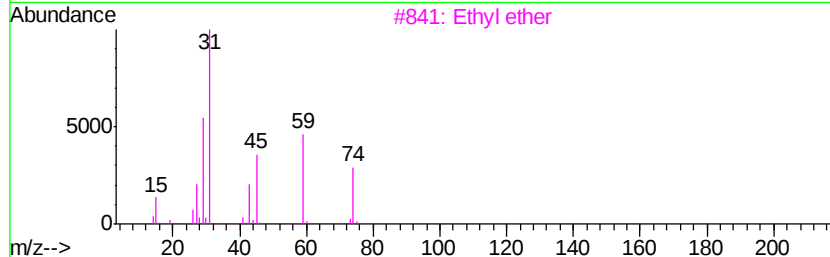
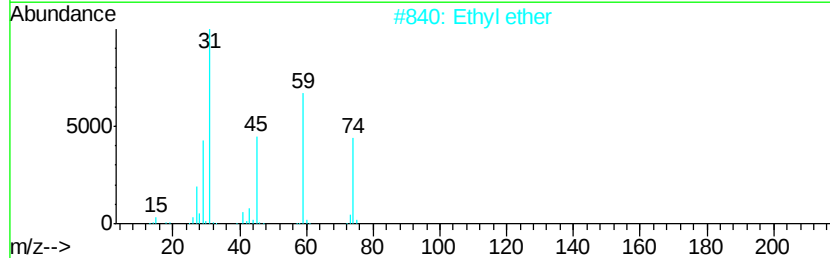
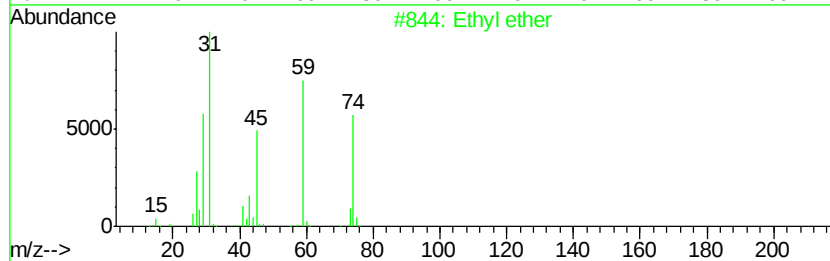
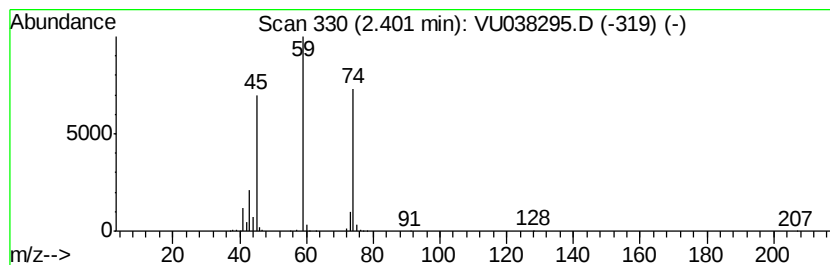
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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	2.48 ug/L	389512	1,4-Difluorobenzene	6.28

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	56
5		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	56



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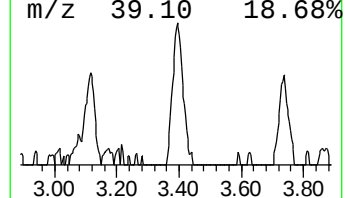
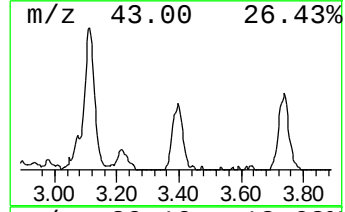
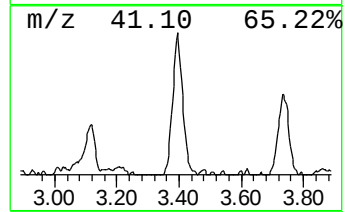
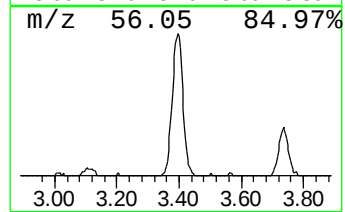
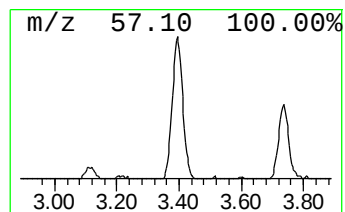
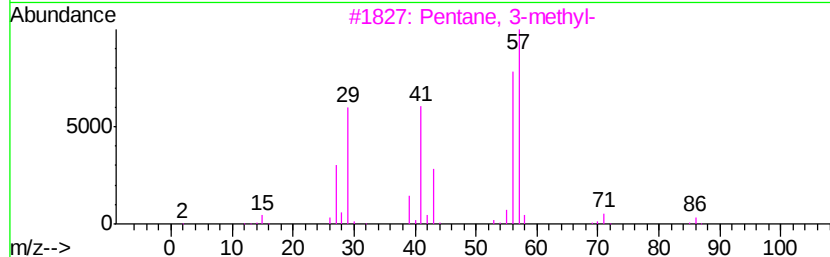
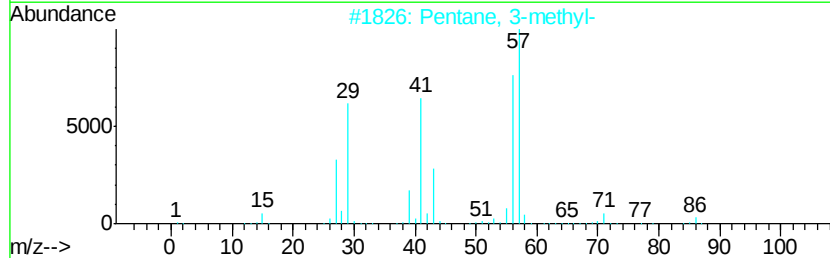
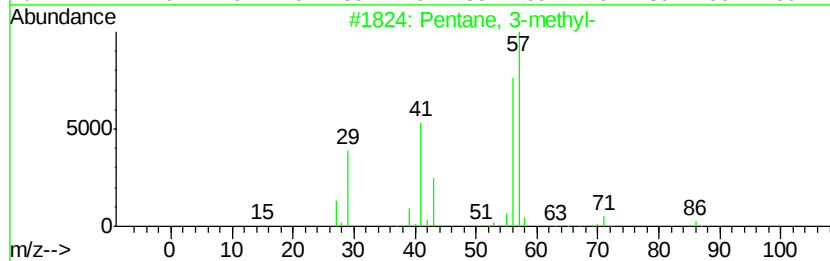
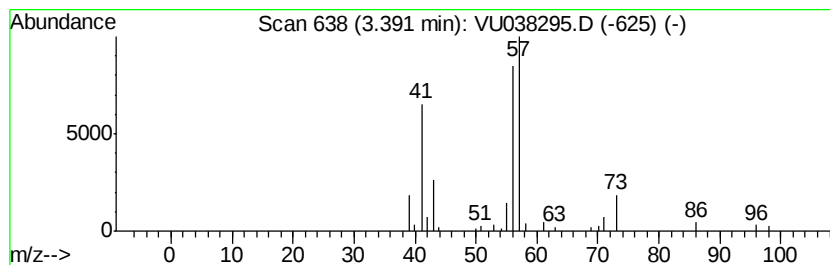
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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	82073	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	64
4		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	59
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	42



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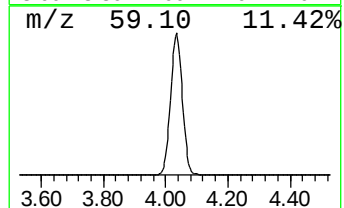
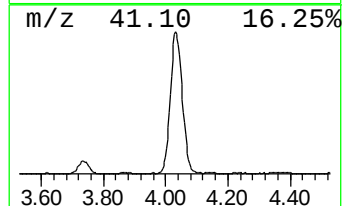
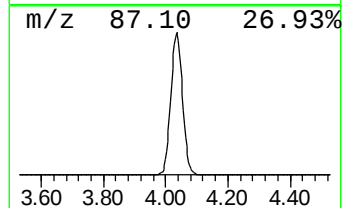
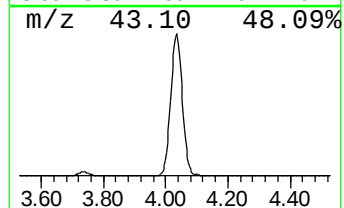
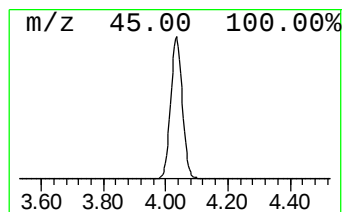
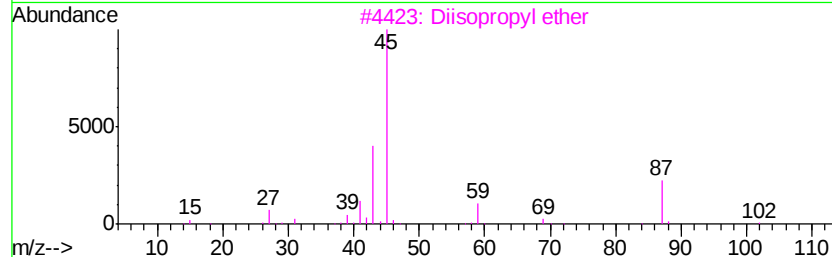
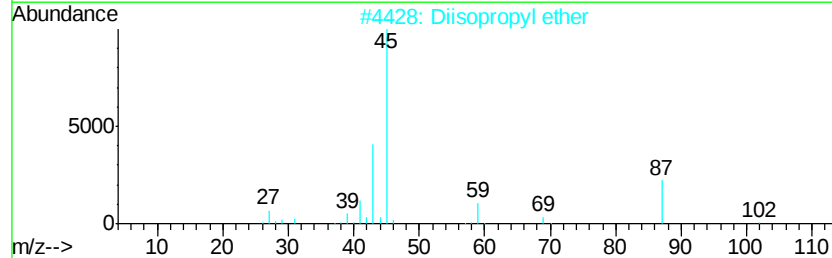
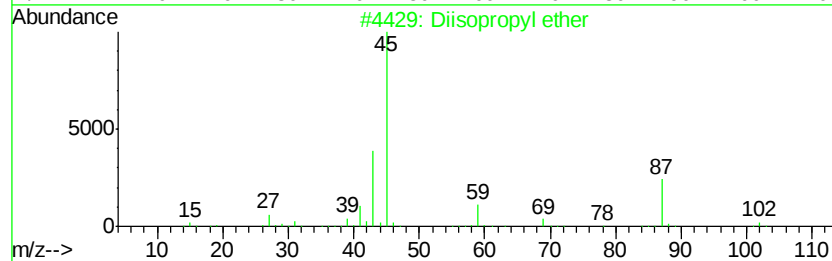
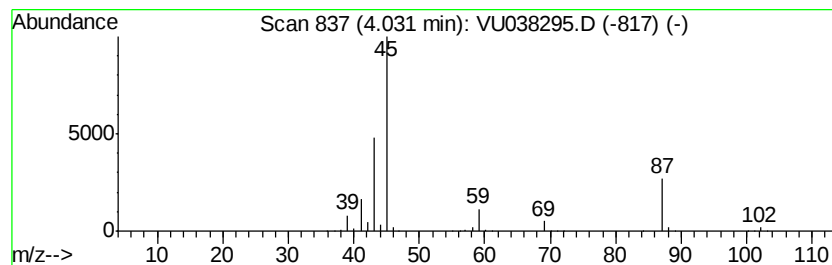
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	9.24 ug/L	1453550	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisopropyl ether	102	C6H14O	000108-20-3	91
2		Diisopropyl ether	102	C6H14O	000108-20-3	83
3		Diisopropyl ether	102	C6H14O	000108-20-3	83
4		Ether, sec-butyl isopropyl	116	C7H16O	018641-81-1	64
5		Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64



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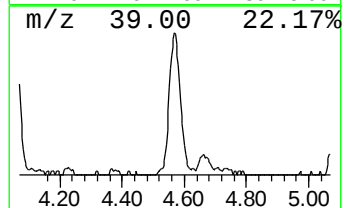
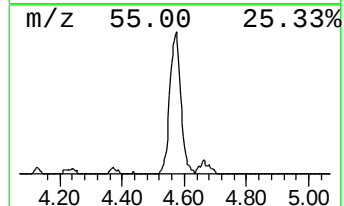
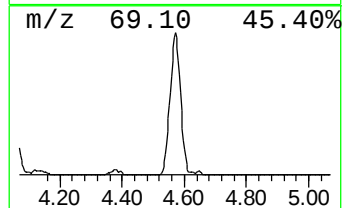
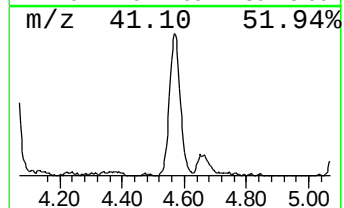
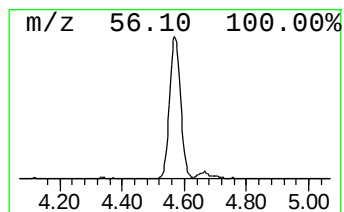
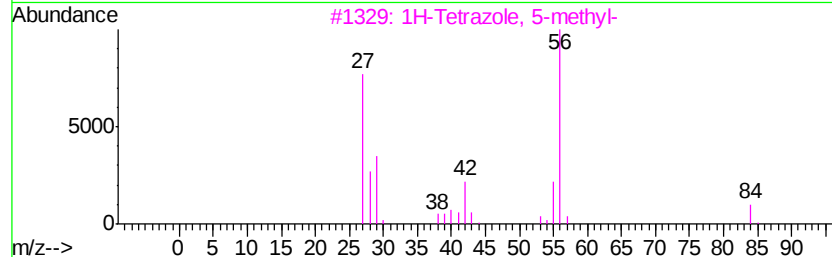
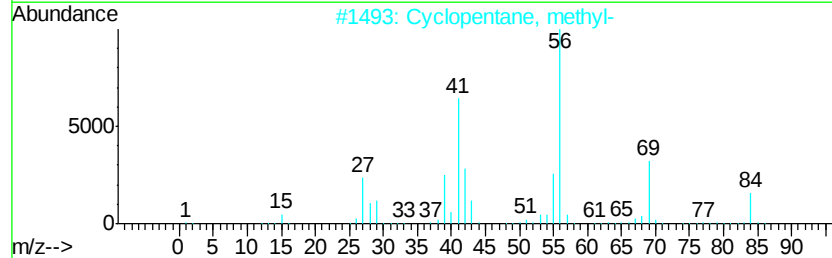
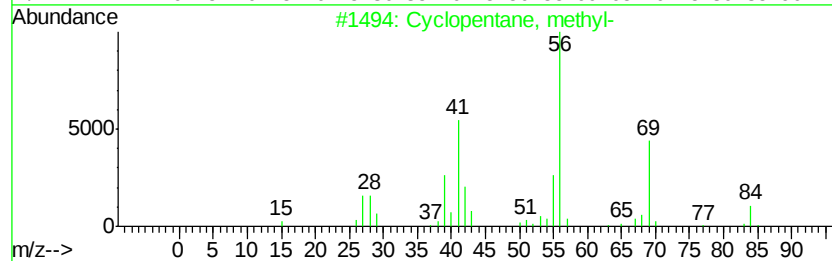
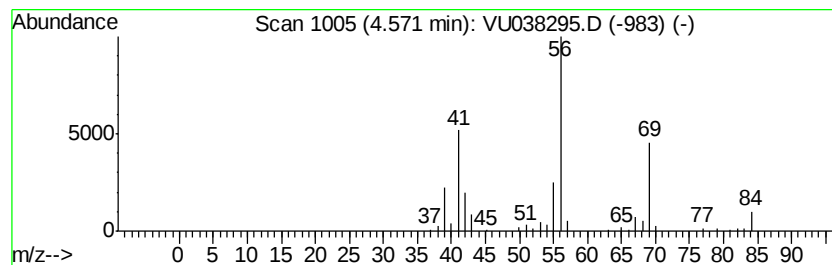
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.57	1.06 ug/L	167380	1,4-Difluorobenzene	6.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cvclopentane, methyl-	84	C6H12	000096-37-7	90
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cvclobutane, ethyl-	84	C6H12	004806-61-5	80
5	Cvclopentane, methyl-	84	C6H12	000096-37-7	78



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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	389512	1	6.28	786465	5.0
(DEL) Alkane: Str...	3.39	0.5	ug/L	82073	1	6.28	786465	5.0
Diisopropyl ether	4.03	9.2	ug/L	1453550	1	6.28	786465	5.0
(DEL) Alkane: Cyc...	4.57	1.1	ug/L	167380	1	6.28	786465	5.0