

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038273.D
 Acq On : 21 May 2020 18:58
 Operator : JC/MD
 Sample : L2724-11DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T7DL

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	94	rBV	178060	212201	3.90%	0.789%
2	1.932	176	184	208	rVB	196649	269068	4.94%	1.001%
3	2.401	319	330	348	rVB	446273	670749	12.32%	2.495%
4	2.594	377	390	404	rBV	307647	499729	9.18%	1.859%
5	4.034	816	838	863	rBV	411138	1076004	19.76%	4.003%
6	4.665	1018	1034	1072	rBV	364543	911968	16.75%	3.392%
7	5.102	1153	1170	1193	rBV2	400112	900834	16.54%	3.351%
8	5.761	1352	1375	1380	rBV2	630378	1554086	28.54%	5.781%
9	5.809	1380	1390	1426	rVB	2656010	5445686	100.00%	20.258%
10	6.282	1521	1537	1556	rBV	572165	1079675	19.83%	4.016%
11	6.722	1658	1674	1689	rBV	404767	784913	14.41%	2.920%
12	7.590	1930	1944	1958	rBV	200470	347914	6.39%	1.294%
13	7.922	2031	2047	2063	rBV	752488	1348212	24.76%	5.015%
14	8.201	2122	2134	2155	rBV2	123694	209158	3.84%	0.778%
15	8.655	2260	2275	2317	rBV	1302328	2344298	43.05%	8.721%
16	9.439	2505	2519	2521	rBV	839316	1220538	22.41%	4.540%
17	9.465	2522	2527	2556	rVV	1466722	2362722	43.39%	8.789%
18	9.590	2556	2566	2587	rVB2	77097	163589	3.00%	0.609%
19	9.709	2587	2603	2618	rBV	424564	707008	12.98%	2.630%
20	10.118	2719	2730	2745	rVB2	95160	163226	3.00%	0.607%
21	10.500	2835	2849	2862	rBV	203626	331155	6.08%	1.232%
22	10.770	2915	2933	2957	rBV	335161	559384	10.27%	2.081%
23	10.905	2963	2975	2991	rBV2	147921	279643	5.14%	1.040%
24	11.304	3089	3099	3117	rVB	51922	89169	1.64%	0.332%
25	11.481	3144	3154	3169	rVB	96909	167095	3.07%	0.622%
26	11.822	3247	3260	3275	rBV	877659	1454707	26.71%	5.411%
27	11.902	3276	3285	3298	rVB3	87509	147423	2.71%	0.548%
28	12.105	3337	3348	3364	rVV2	75783	121015	2.22%	0.450%
29	12.204	3366	3379	3399	rVB	836460	1363364	25.04%	5.072%
30	14.111	3963	3972	3987	rVB	59395	97551	1.79%	0.363%

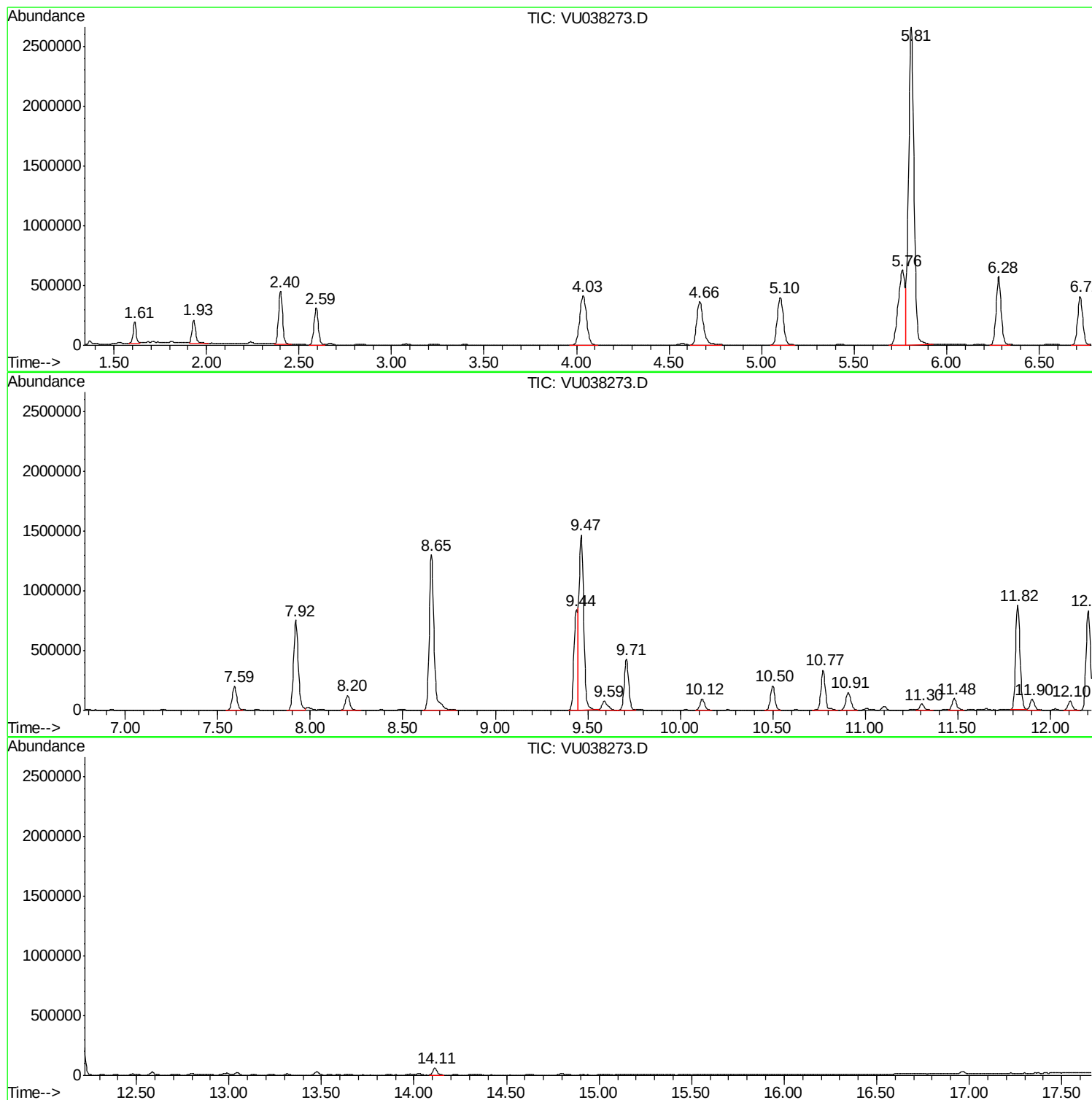
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Instrument :
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ClientSampleId :
BE4T7DL

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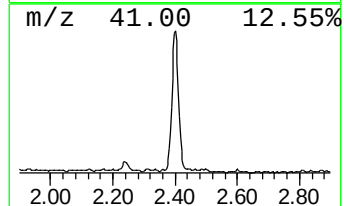
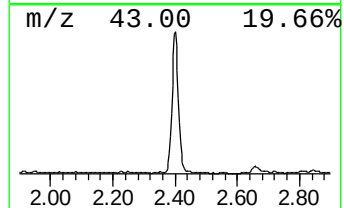
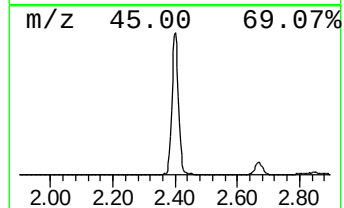
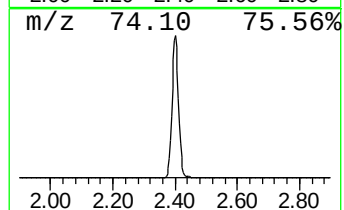
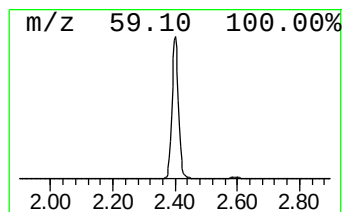
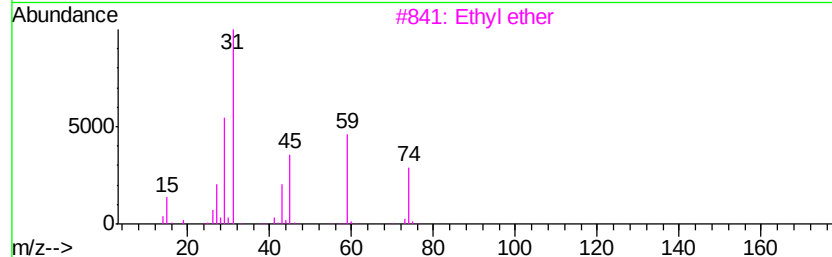
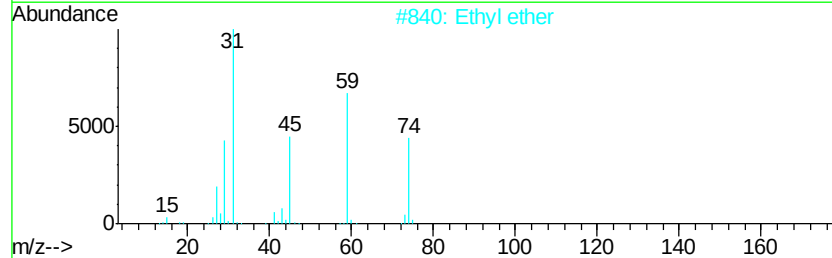
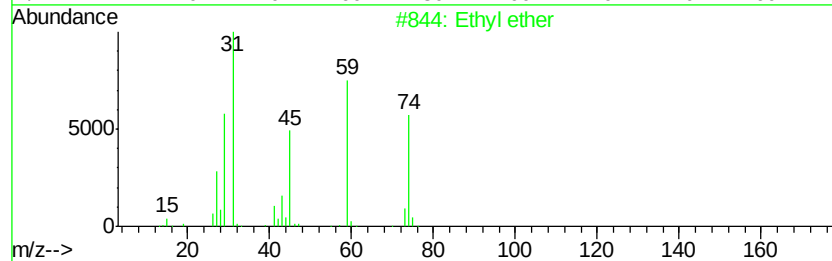
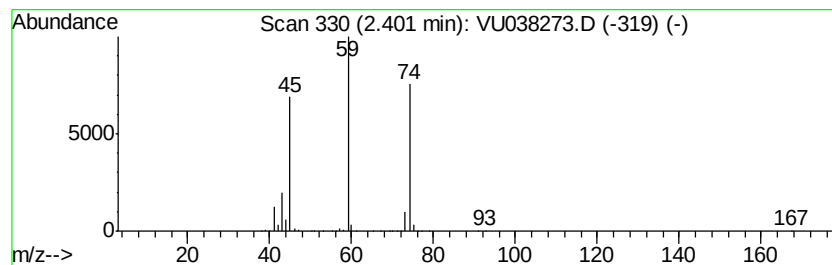
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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	3.11 ug/L	670749	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	83
4		Ethyl ether	74	C4H10O	000060-29-7	83
5		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72



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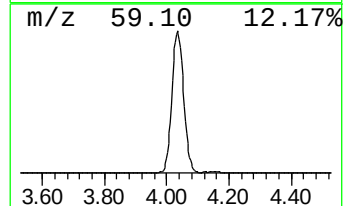
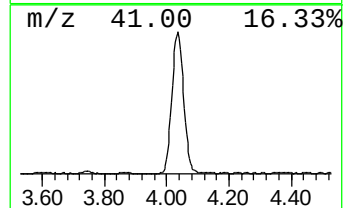
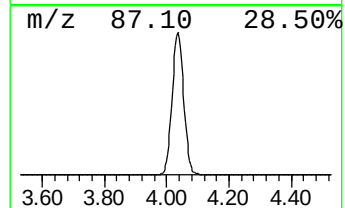
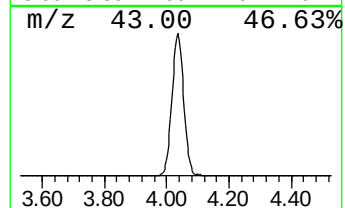
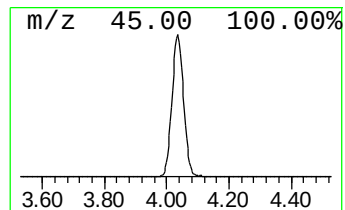
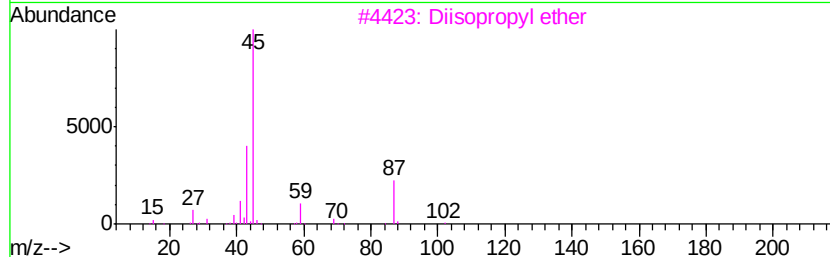
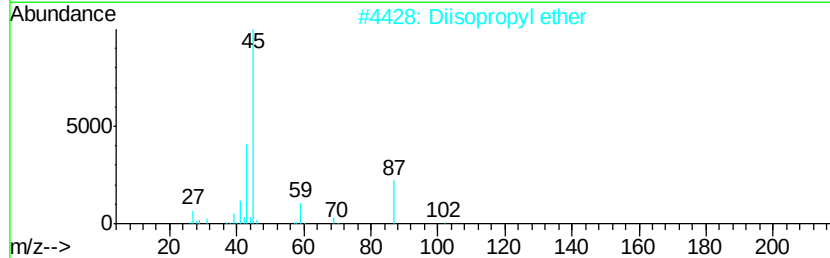
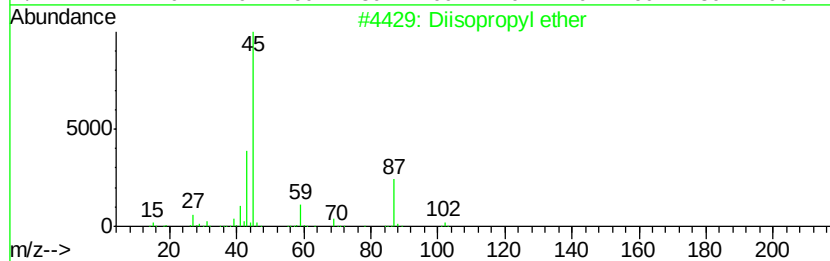
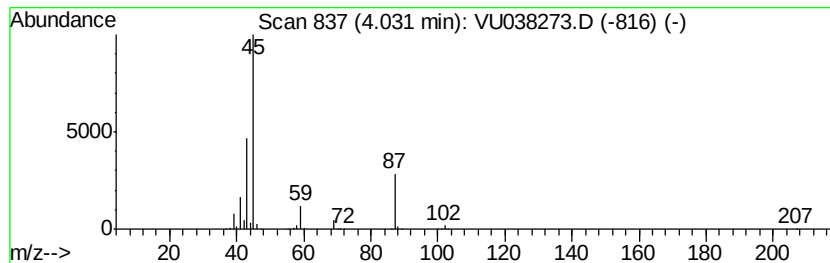
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	4.98 ug/L	1076000	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		1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	72
5		Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64



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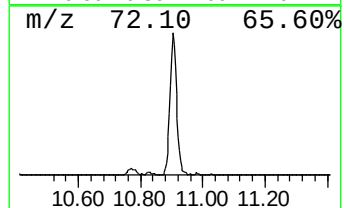
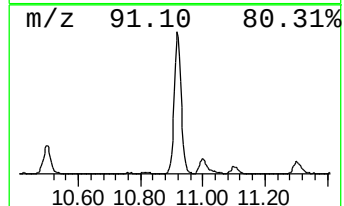
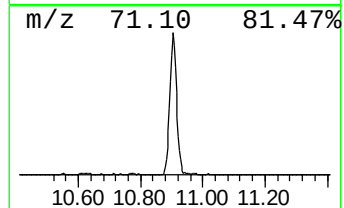
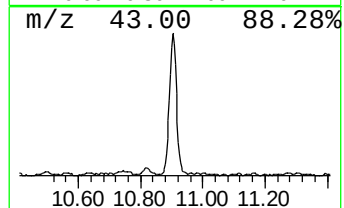
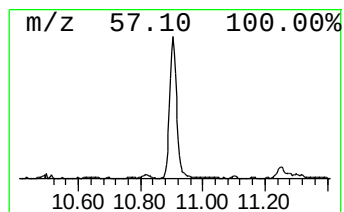
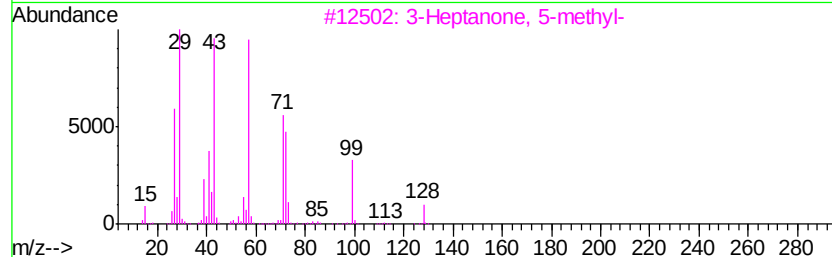
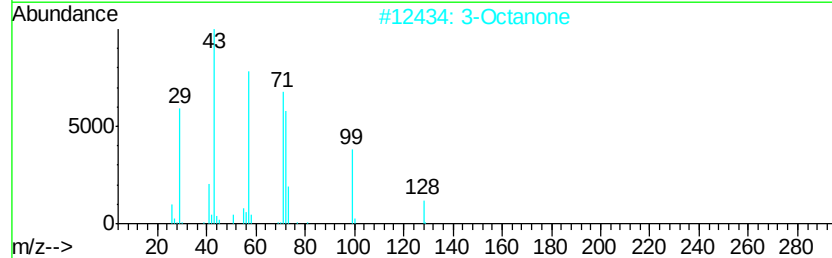
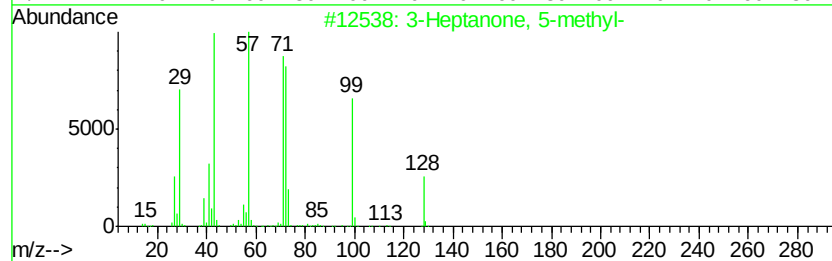
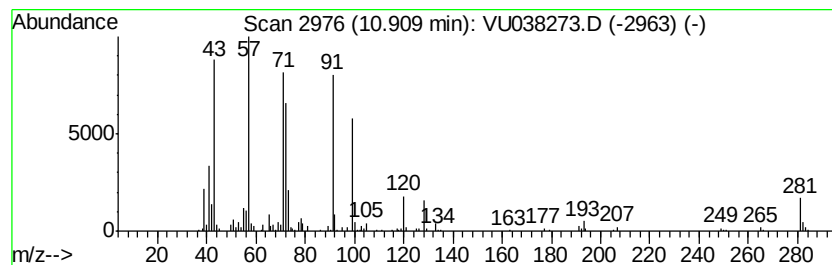
Instrument :
MSVOA_U
ClientSampleId :
BE4T7DL

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 4 3-Heptanone, 5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.91	0.96 ug/L	279643	1,4-Dichlorobenzene-d4	11.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	87
2	3-Octanone	128	C8H16O	000106-68-3	87
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	87
4	3-Octanone	128	C8H16O	000106-68-3	72
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

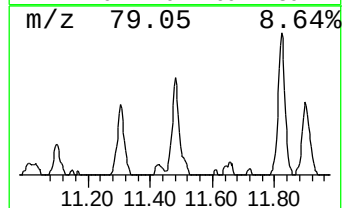
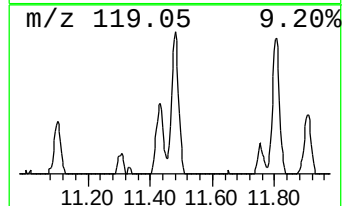
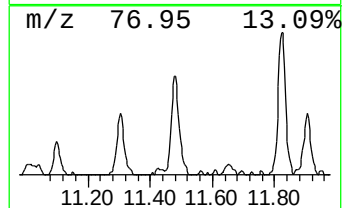
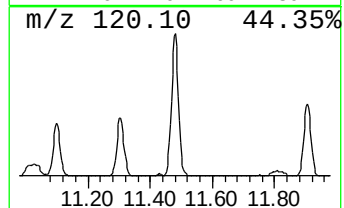
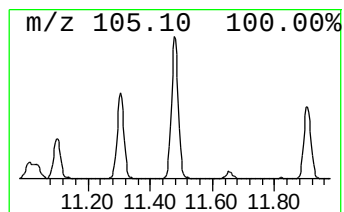
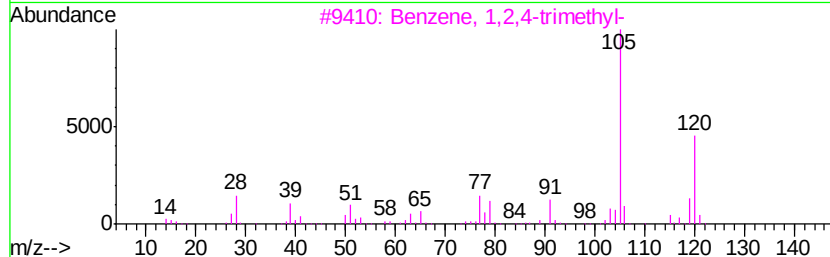
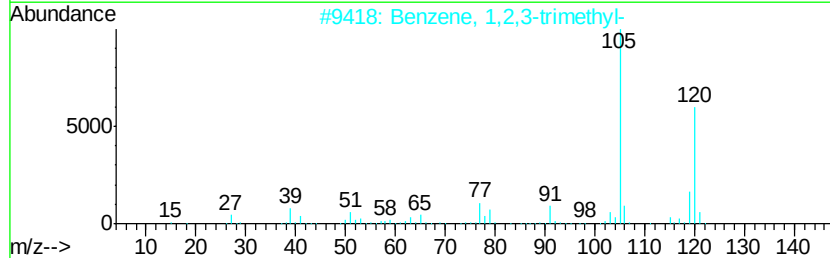
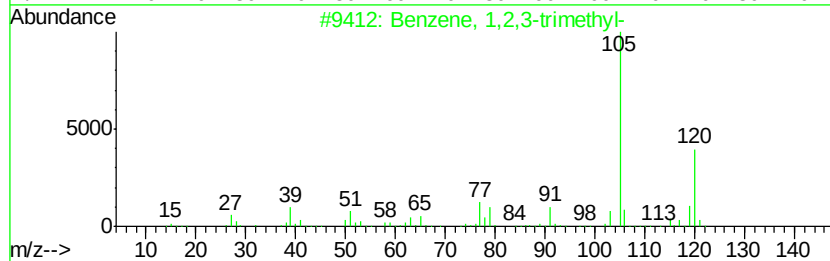
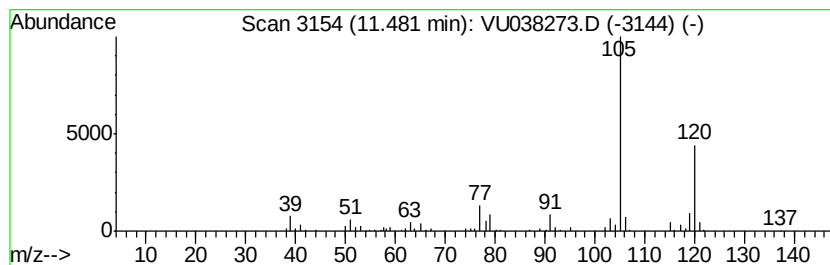
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.48	0.57 ug/L	167095	1,4-Dichlorobenzene-d4	11.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Mesitylene	120	C9H12	000108-67-8	90



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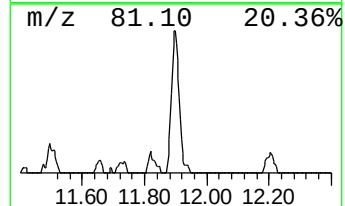
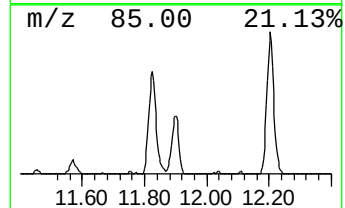
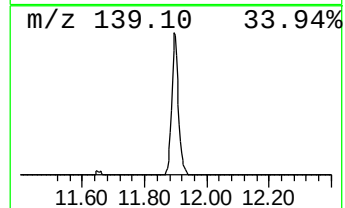
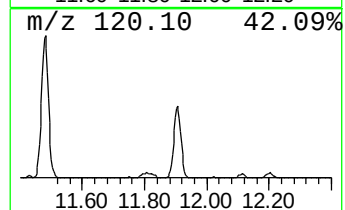
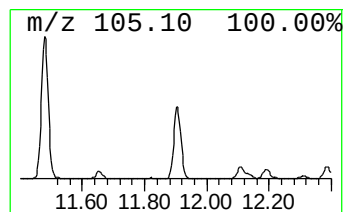
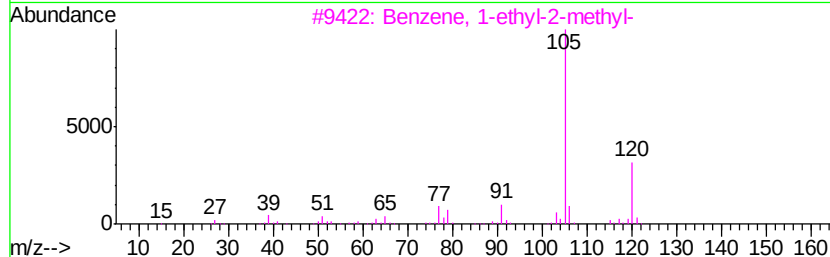
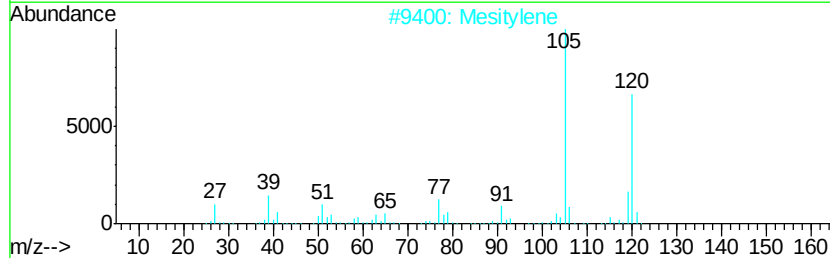
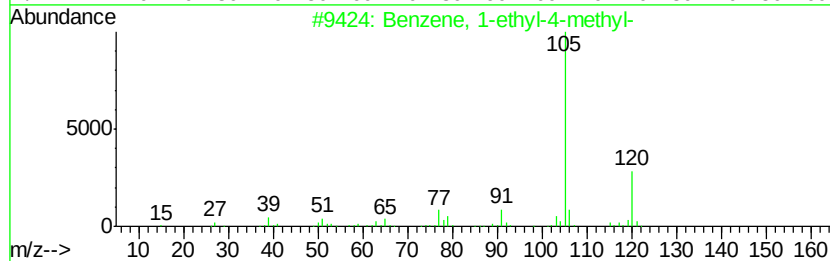
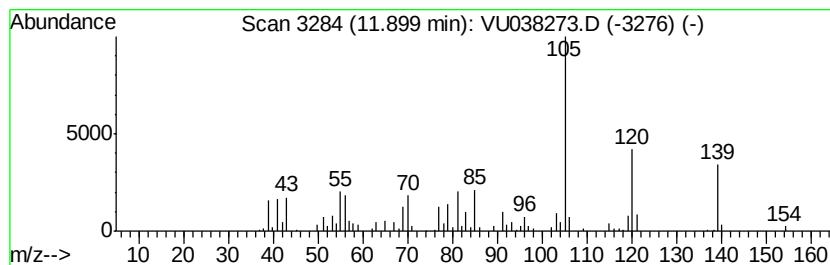
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	0.51 ug/L	147423	1,4-Dichlorobenzene-d4	11.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
2		Mesitylene	120	C9H12	000108-67-8	64
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64



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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	3.1	ug/L	670749	1	6.28	1079680	5.0
Diisopropyl ether	4.03	5.0	ug/L	1076000	1	6.28	1079680	5.0
3-Heptanone, 5-me...	10.91	1.0	ug/L	279643	3	11.82	1454710	5.0
Benzene, 1,2,3-tr...	11.48	0.6	ug/L	167095	3	11.82	1454710	5.0
Benzene, 1-ethyl-...	11.90	0.5	ug/L	147423	3	11.82	1454710	5.0