

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038387.D
 Acq On : 29 May 2020 19:38
 Operator : JC/MD
 Sample : L2749-15 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4X9

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	95	rBV	135614	156250	4.86%	0.890%
2	1.932	176	184	199	rVB	122341	162191	5.05%	0.924%
3	2.401	320	330	348	rVB	58241	93975	2.92%	0.535%
4	2.591	377	389	407	rVB	238506	384449	11.96%	2.190%
5	4.035	819	838	859	rBV3	60601	159817	4.97%	0.910%
6	4.575	990	1006	1019	rBV4	16859	43014	1.34%	0.245%
7	4.671	1021	1036	1075	rVB	228708	626237	19.48%	3.568%
8	5.102	1153	1170	1192	rBV	224890	488313	15.19%	2.782%
9	5.761	1352	1375	1381	rBV2	448287	1126844	35.05%	6.420%
10	5.809	1381	1390	1424	rVB	953993	1958481	60.93%	11.157%
11	6.282	1521	1537	1558	rBV	359550	693362	21.57%	3.950%
12	6.723	1656	1674	1689	rBV	276570	541406	16.84%	3.084%
13	7.591	1931	1944	1963	rBV	143800	252482	7.85%	1.438%
14	7.922	2028	2047	2058	rBV	535502	941849	29.30%	5.366%
15	7.993	2058	2069	2114	rVB	1775113	3214555	100.00%	18.313%
16	8.202	2123	2134	2148	rVB2	90505	150617	4.69%	0.858%
17	8.655	2262	2275	2302	rBV	793367	1429655	44.47%	8.145%
18	9.436	2501	2518	2523	rBV	519407	897672	27.93%	5.114%
19	9.587	2554	2565	2583	rVB	164262	269123	8.37%	1.533%
20	9.710	2590	2603	2619	rBV	433408	717181	22.31%	4.086%
21	10.115	2716	2729	2748	rBV	184400	307956	9.58%	1.754%
22	10.501	2831	2849	2863	rBV	89603	140760	4.38%	0.802%
23	10.771	2921	2933	2945	rBV	215366	346919	10.79%	1.976%
24	10.912	2961	2977	2992	rBV3	40814	85172	2.65%	0.485%
25	11.005	2994	3006	3013	rBV5	23275	41156	1.28%	0.234%
26	11.304	3089	3099	3118	rVB	27951	46133	1.44%	0.263%
27	11.481	3144	3154	3167	rVB	63852	95953	2.98%	0.547%
28	11.825	3248	3261	3277	rBV	575626	929581	28.92%	5.296%
29	11.906	3277	3286	3298	rVB	39995	62448	1.94%	0.356%
30	12.108	3332	3349	3365	rBV3	39147	64150	2.00%	0.365%
31	12.205	3365	3379	3396	rBV	580541	955452	29.72%	5.443%
32	16.967	4850	4860	4877	rBV	97268	170166	5.29%	0.969%

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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

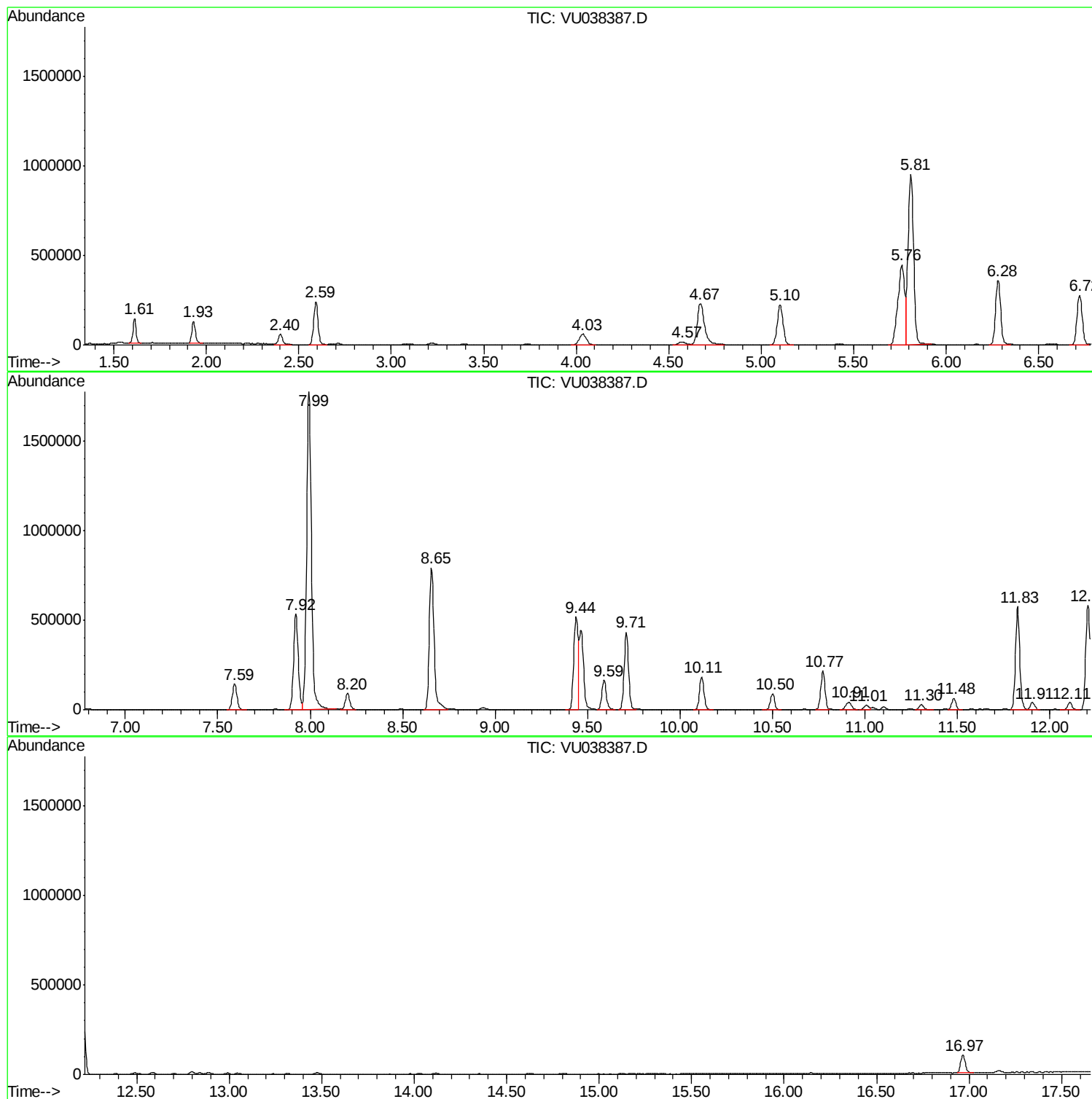
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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ClientSampled :
BE4X9

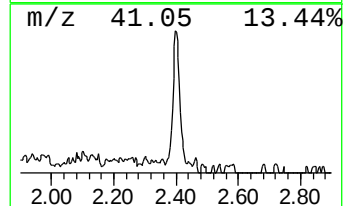
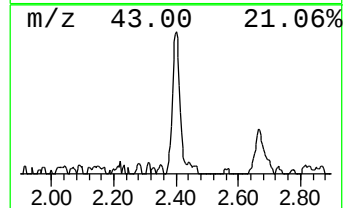
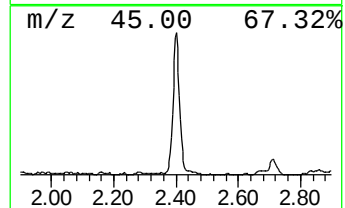
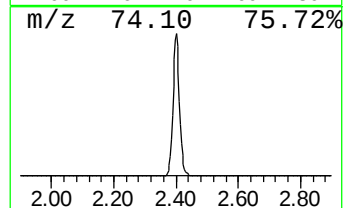
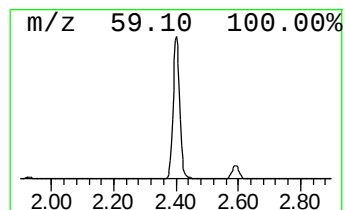
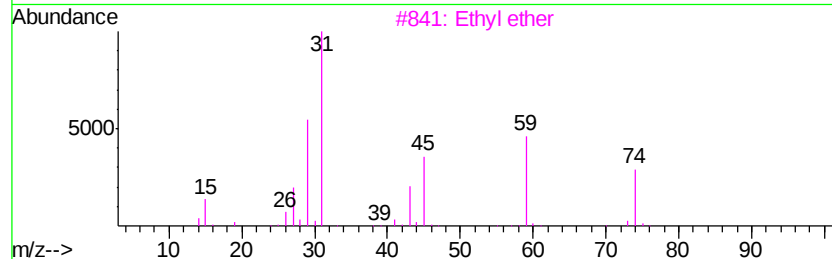
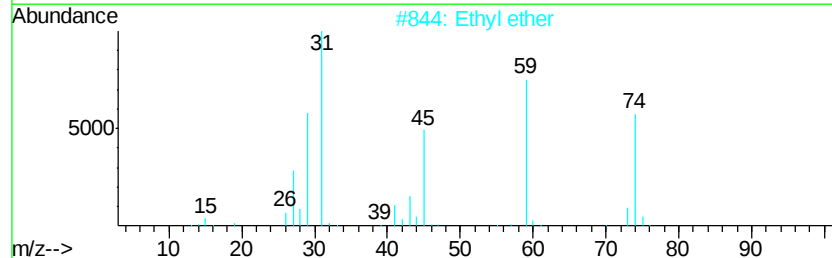
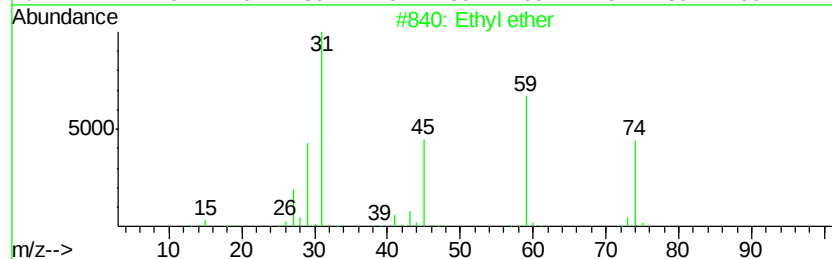
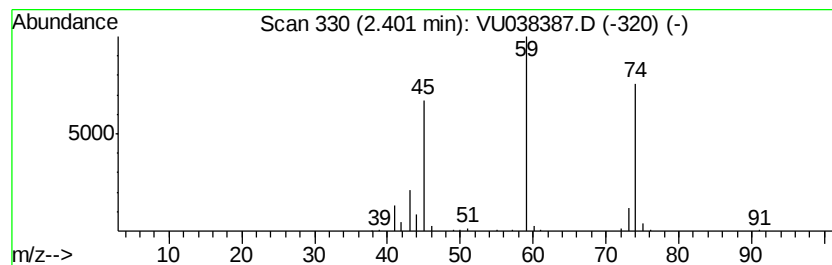
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	0.68 ug/L	93975	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	80
4			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64



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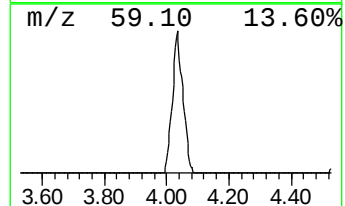
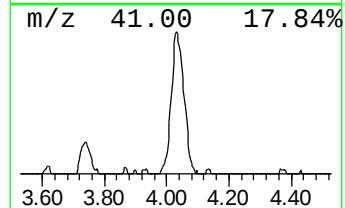
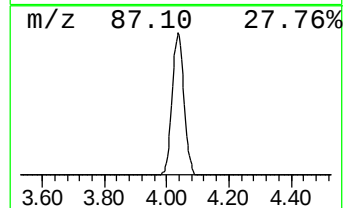
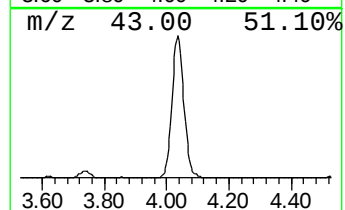
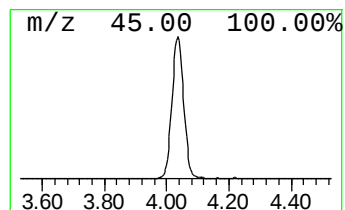
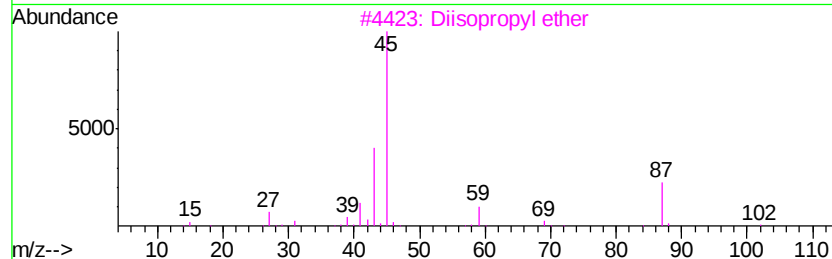
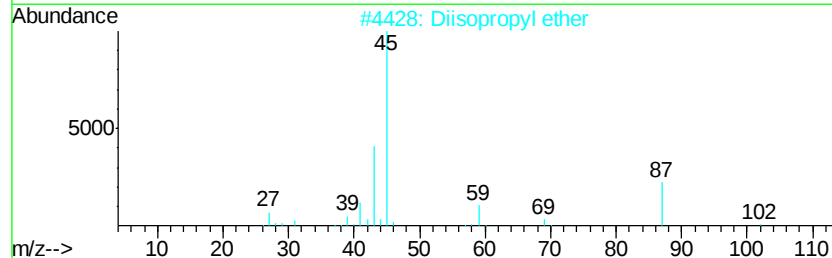
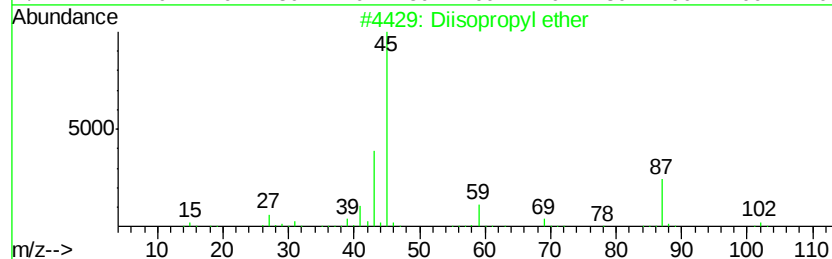
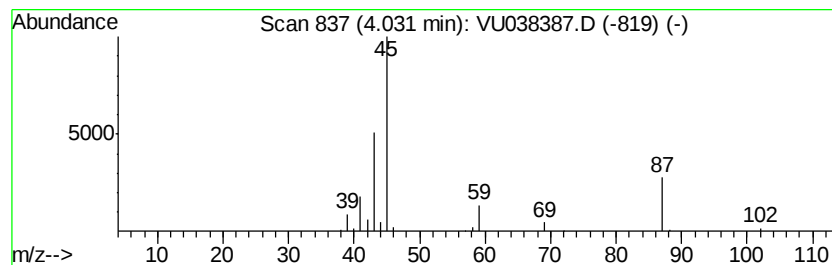
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	1.15 ug/L	159817	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	64
5		2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	59



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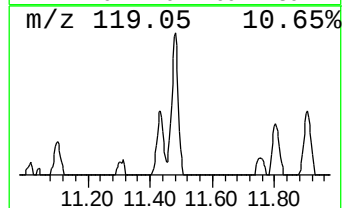
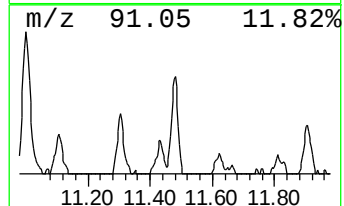
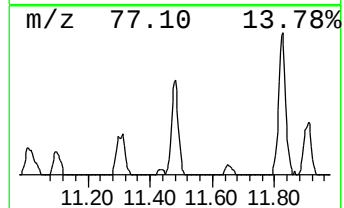
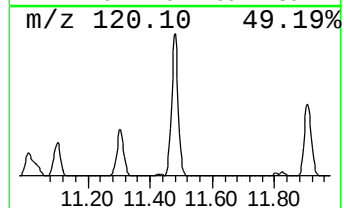
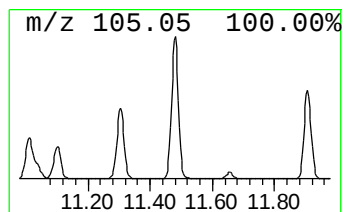
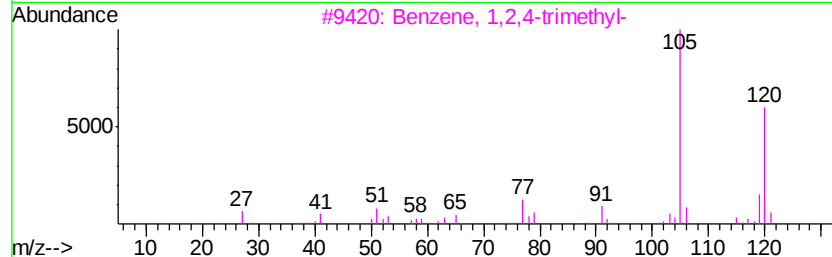
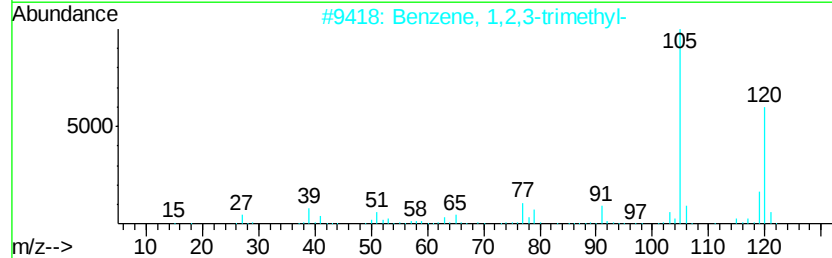
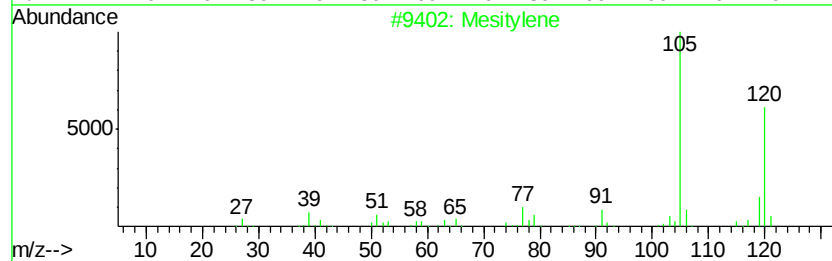
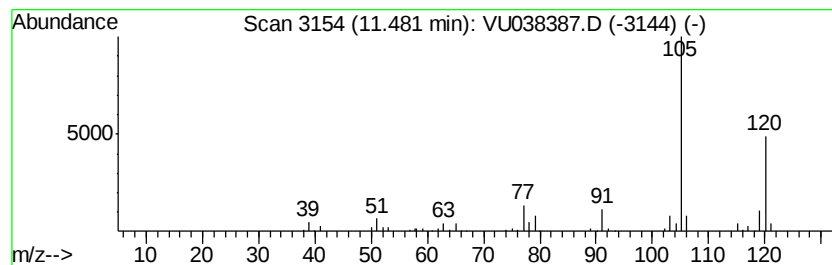
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	0.52 ug/L	95953	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	91
5	Mesitylene		120	C9H12	000108-67-8	91



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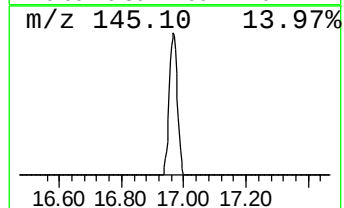
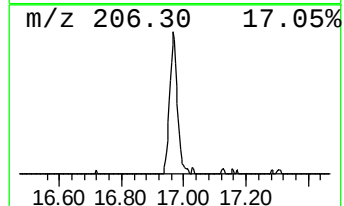
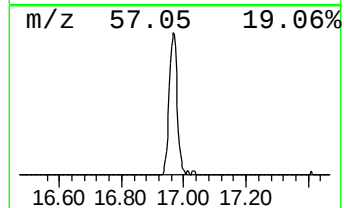
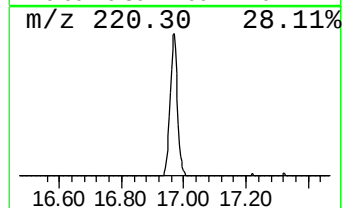
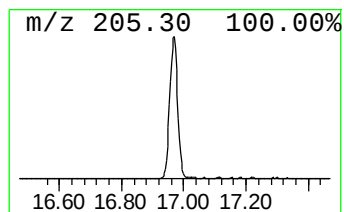
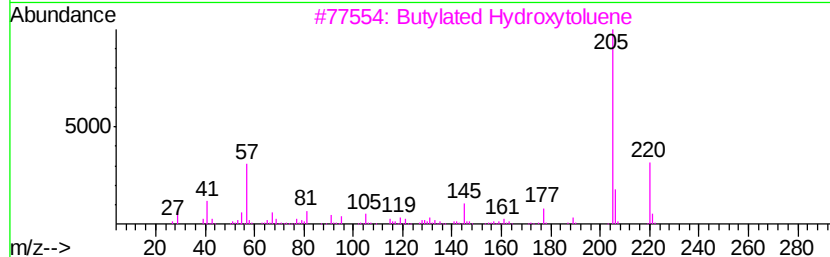
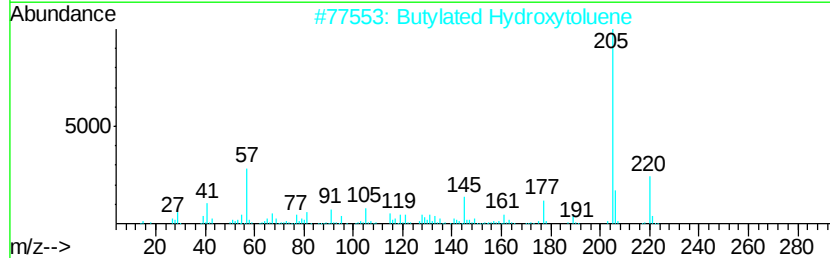
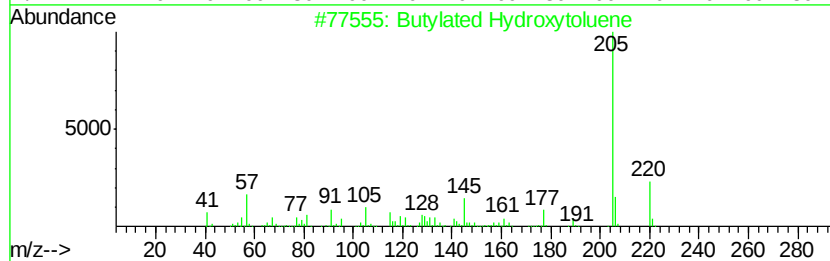
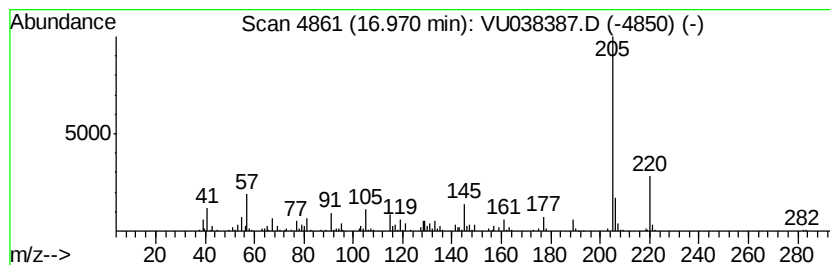
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Butylated Hydroxytoluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	0.92 ug/L	170166	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butylated Hydroxytoluene	220 C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220 C15H24O	000128-37-0	97
3	Butylated Hydroxytoluene	220 C15H24O	000128-37-0	95
4	Butylated Hydroxytoluene	220 C15H24O	000128-37-0	90
5	Phenol, 2,6-bis(1,1-dimethylethy...	277 C17H27NO2	001918-11-2	90



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl ether	2.40	0.7	ug/L	93975	1	6.28	693362	5.0
Diisopropyl ether	4.03	1.1	ug/L	159817	1	6.28	693362	5.0
Mesitylene	11.48	0.5	ug/L	95953	3	11.83	929581	5.0
Butylated Hydroxy...	16.97	0.9	ug/L	170166	3	11.83	929581	5.0