

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040232.D
 Acq On : 21 Sep 2020 14:34
 Operator : SY/MD
 Sample : L4046-12DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q0DL

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\SOMUTR083120WMA.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	1.607	73	83	91	rBV	48582	51827	8.58%	0.904%
2	1.925	172	182	192	rVB	41879	55563	9.20%	0.970%
3	2.388	315	326	345	rBV	24066	40500	6.71%	0.707%
4	2.581	374	386	402	rBV2	85836	140495	23.26%	2.452%
5	3.060	526	535	546	rVB3	4400	8121	1.34%	0.142%
6	3.202	566	579	593	rBV	8513	17822	2.95%	0.311%
7	4.015	814	832	849	rBV2	13627	36135	5.98%	0.631%
8	4.668	1015	1035	1073	rBV2	69856	297728	49.30%	5.195%
9	5.083	1148	1164	1192	rBV	91245	213947	35.42%	3.733%
10	5.742	1348	1369	1376	rBV3	161397	428575	70.96%	7.478%
11	5.790	1376	1384	1410	rVB	293968	596131	98.70%	10.402%
12	6.263	1516	1531	1546	rBV	171983	318180	52.68%	5.552%
13	6.703	1654	1668	1683	rBV	112575	213260	35.31%	3.721%
14	7.574	1926	1939	1953	rBV2	56047	98692	16.34%	1.722%
15	7.906	2029	2042	2056	rBV	172317	299255	49.55%	5.222%
16	8.185	2115	2129	2142	rBV	37012	62669	10.38%	1.094%
17	8.642	2258	2271	2296	rBV	318965	603969	100.00%	10.539%
18	8.922	2349	2358	2373	rBV5	3679	6828	1.13%	0.119%
19	9.420	2501	2513	2537	rBV2	245268	473972	78.48%	8.271%
20	9.571	2549	2560	2575	rBV	49660	77571	12.84%	1.354%
21	9.690	2582	2597	2609	rBV2	41512	67867	11.24%	1.184%
22	10.098	2712	2724	2734	rBV3	13073	21703	3.59%	0.379%
23	10.481	2832	2843	2858	rVB3	27132	42054	6.96%	0.734%
24	10.754	2916	2928	2941	rBV	95994	152756	25.29%	2.666%
25	11.462	3133	3148	3161	rBV2	61045	94314	15.62%	1.646%
26	11.806	3241	3255	3271	rBV	249201	406665	67.33%	7.096%
27	11.886	3271	3280	3290	rBV	31319	46936	7.77%	0.819%
28	12.089	3331	3343	3358	rBV	174627	276461	45.77%	4.824%
29	12.188	3361	3374	3387	rVB	219574	359129	59.46%	6.267%
30	12.561	3480	3490	3498	rBV2	5996	7529	1.25%	0.131%
31	13.018	3624	3632	3640	rVB2	5245	7000	1.16%	0.122%
32	13.282	3707	3714	3725	rVB5	8439	12310	2.04%	0.215%
33	13.442	3752	3764	3774	rBV4	11876	19234	3.18%	0.336%
34	13.613	3805	3817	3827	rBV3	9238	13734	2.27%	0.240%

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BG0Q0DL

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	14.076	3949	3961	3973	rBV	100172	161837	26.80%	2.824%
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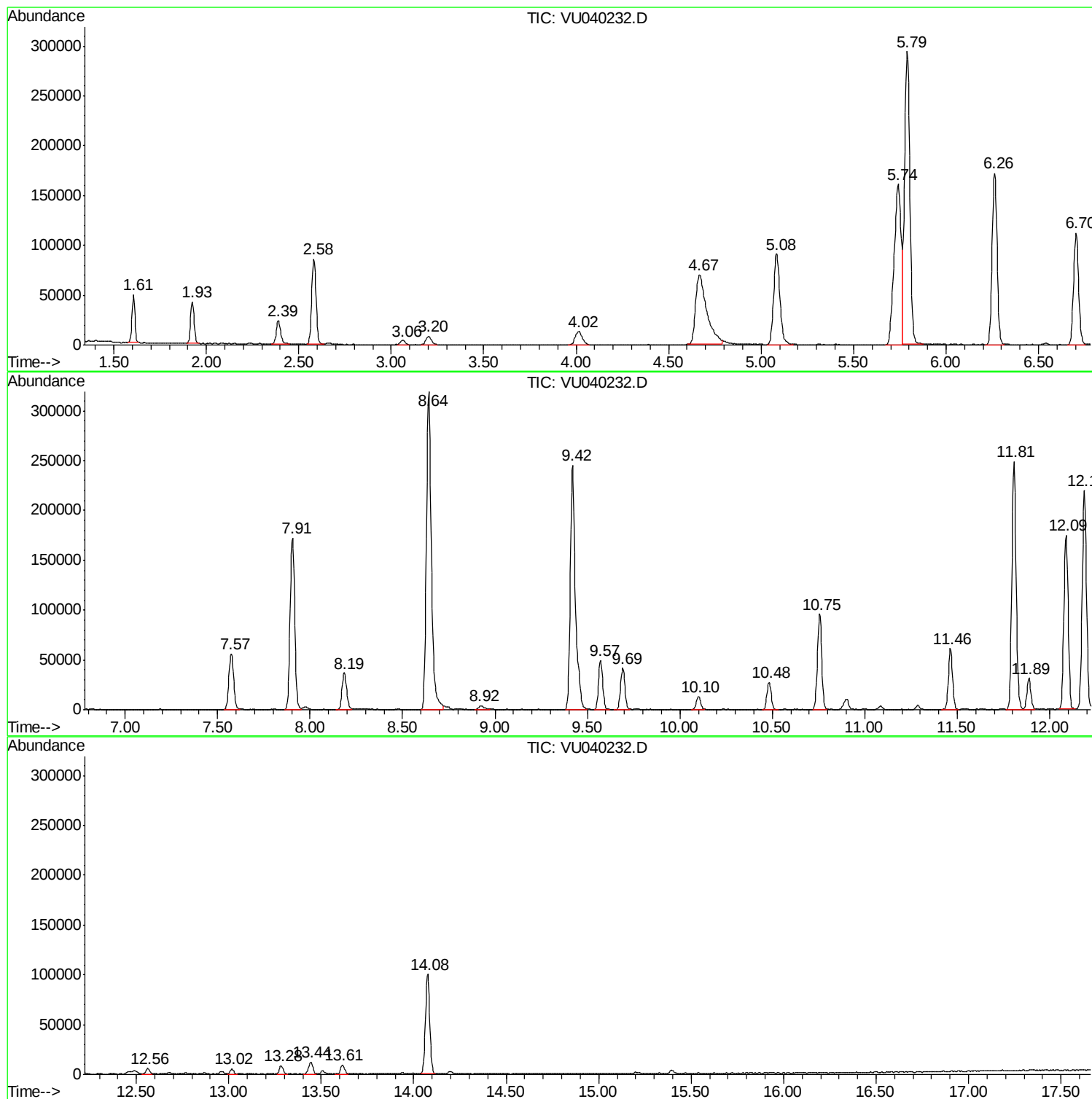
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Quant Title : TRACE VOA SOM01.0

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



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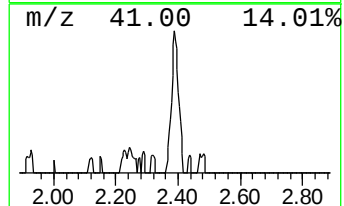
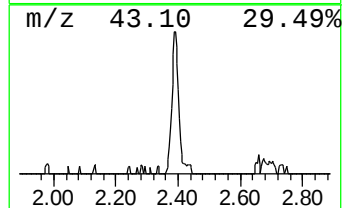
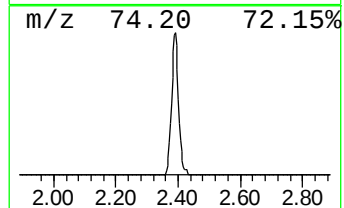
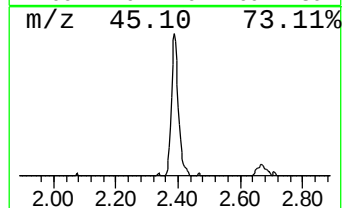
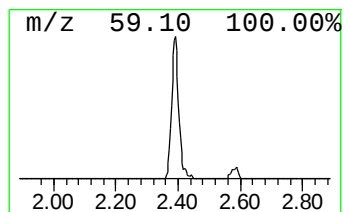
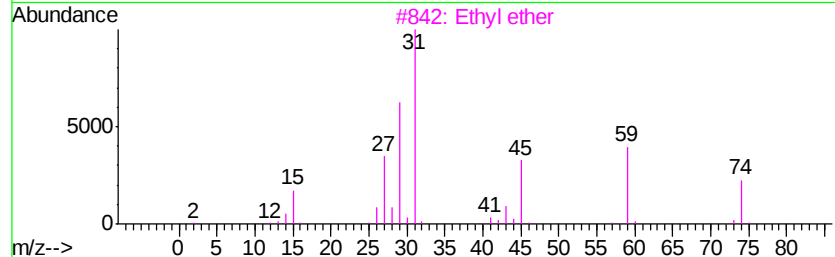
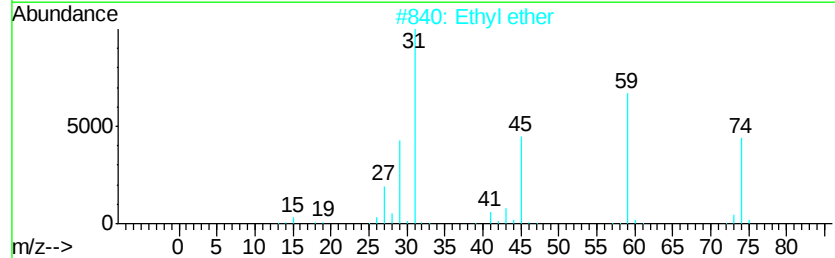
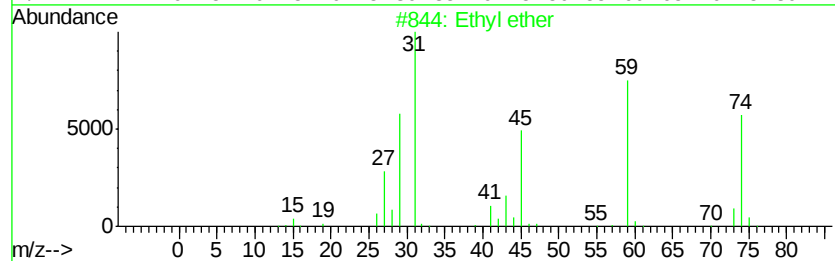
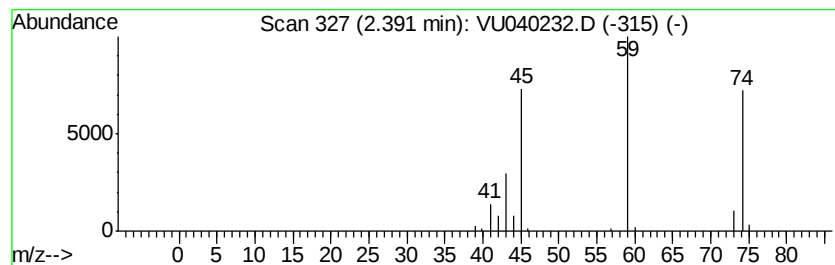
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	0.64 ug/L	40500	1,4-Difluorobenzene	6.26

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	78
5		Ethyl ether	74	C4H10O	000060-29-7	64



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Instrument :
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ClientSampleId :
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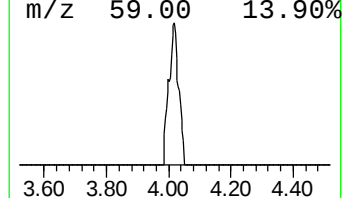
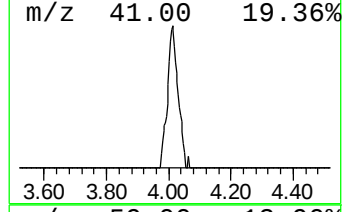
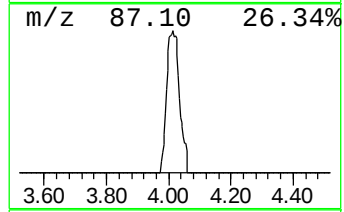
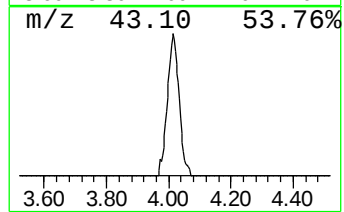
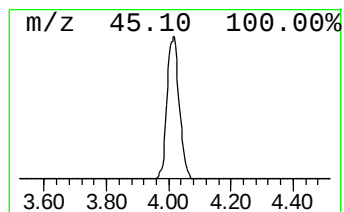
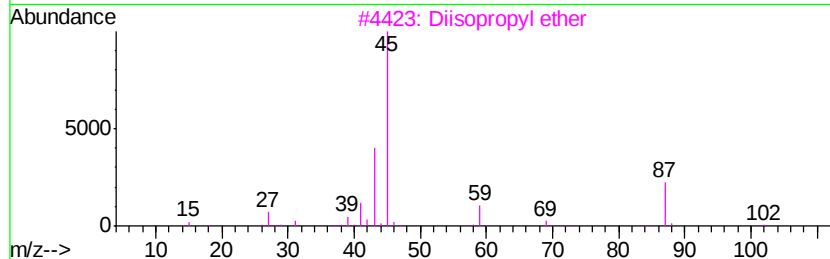
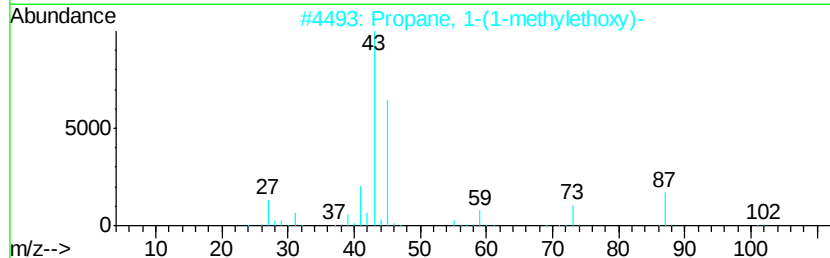
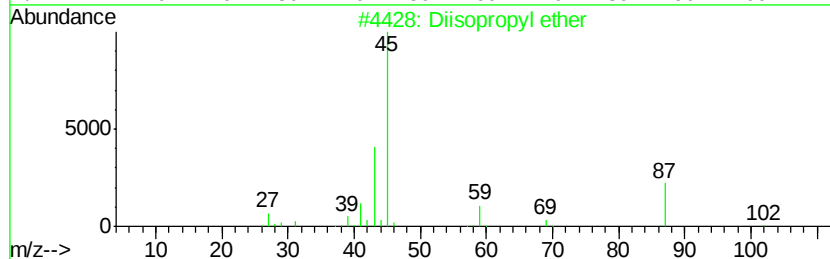
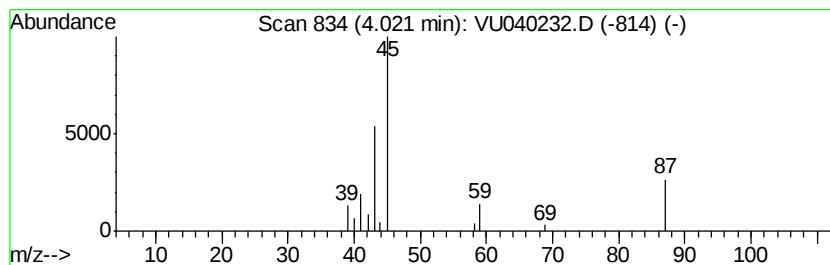
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	0.57 ug/L	36135	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether		102	C6H14O	000108-20-3	74
2	Propane, 1-(1-methylethoxy)-		102	C6H14O	000627-08-7	56
3	Diisopropyl ether		102	C6H14O	000108-20-3	43
4	Diisopropyl ether		102	C6H14O	000108-20-3	43
5	Formic acid, 1-methylethyl ester		88	C4H8O2	000625-55-8	9



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Instrument :
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ClientSampleId :
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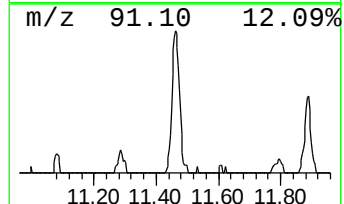
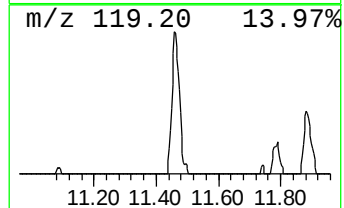
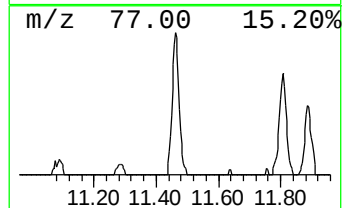
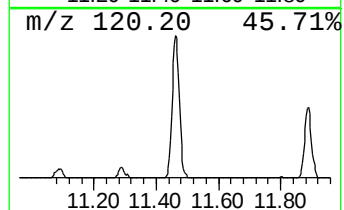
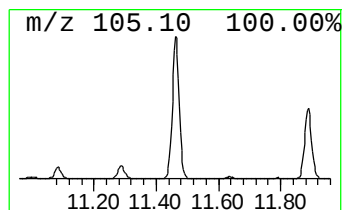
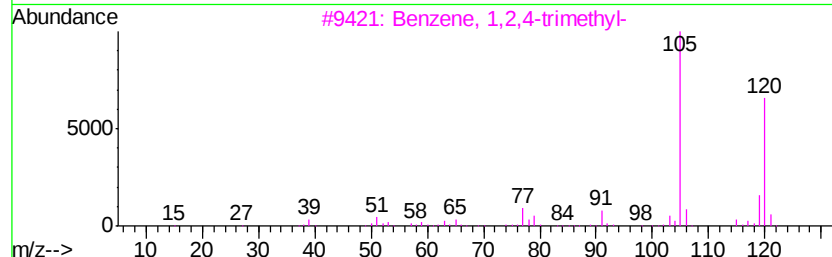
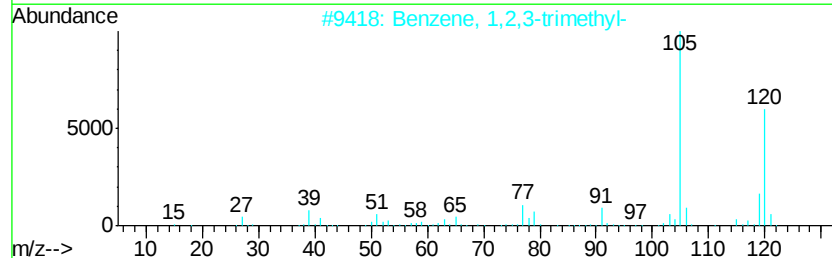
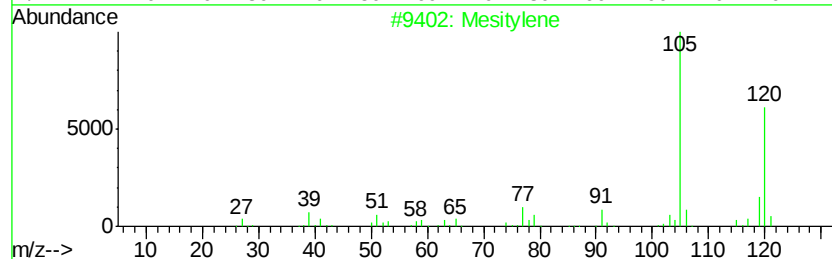
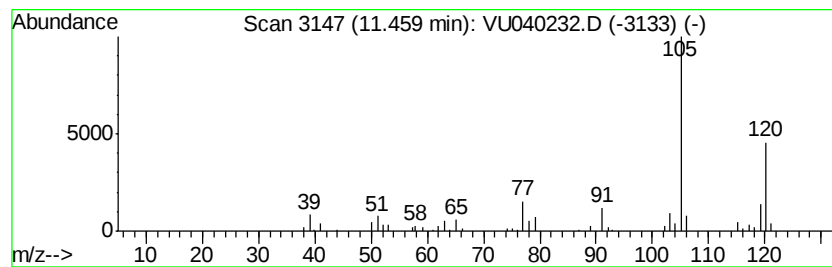
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	1.16 ug/L	94314	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
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		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BG0Q0DL

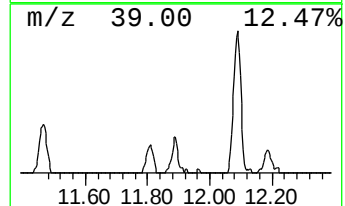
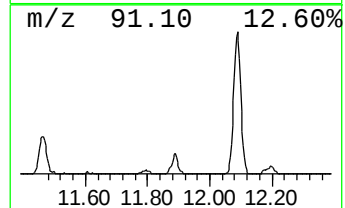
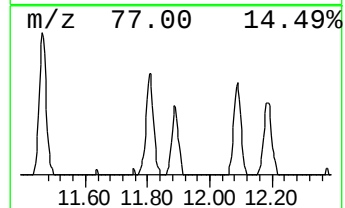
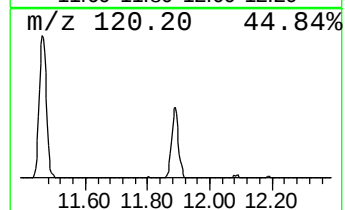
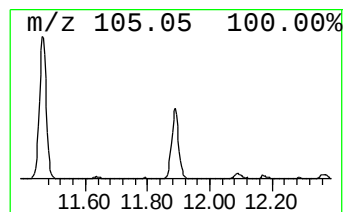
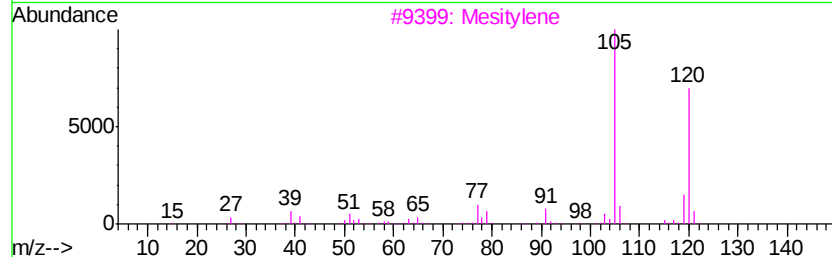
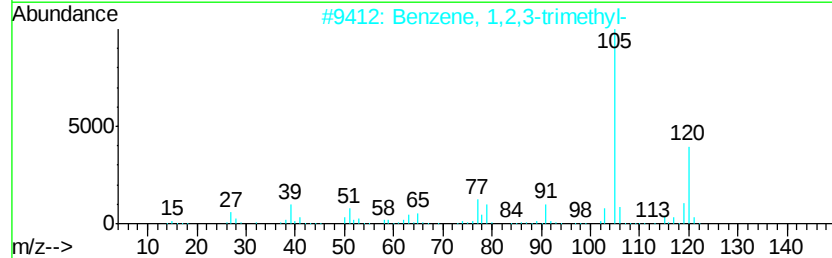
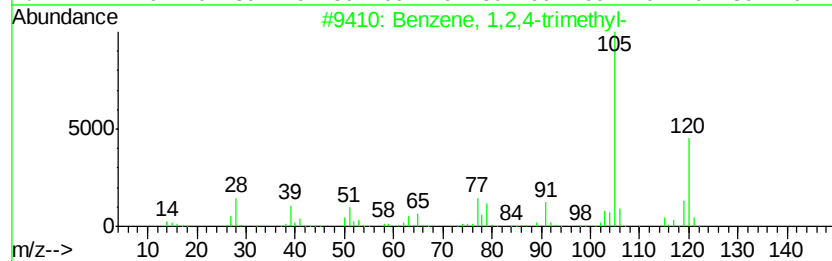
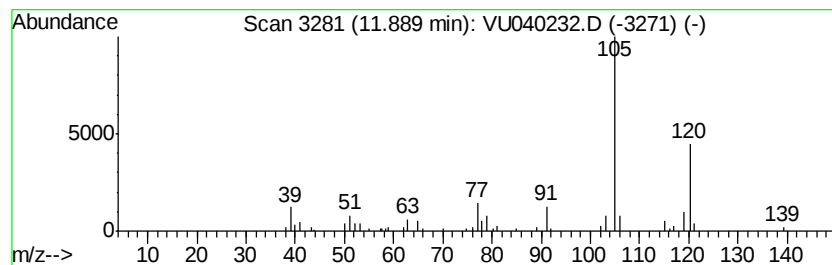
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	0.58 ug/L	46936	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Mesitylene	120	C9H12	000108-67-8	93
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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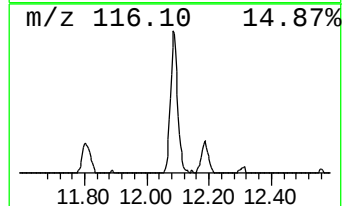
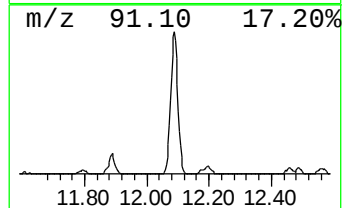
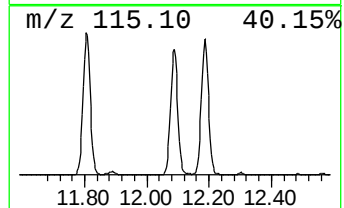
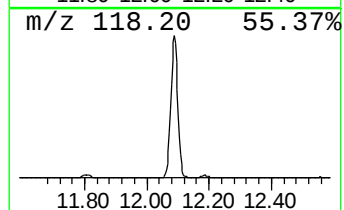
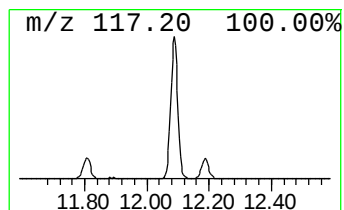
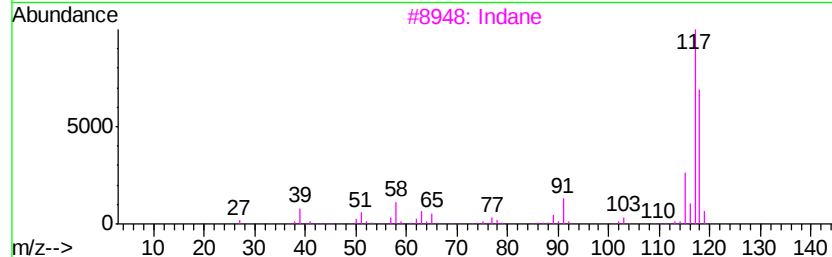
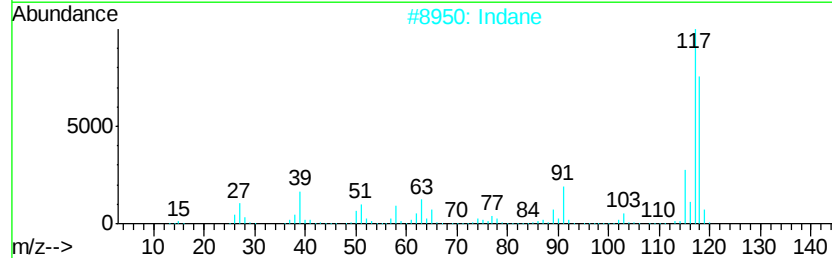
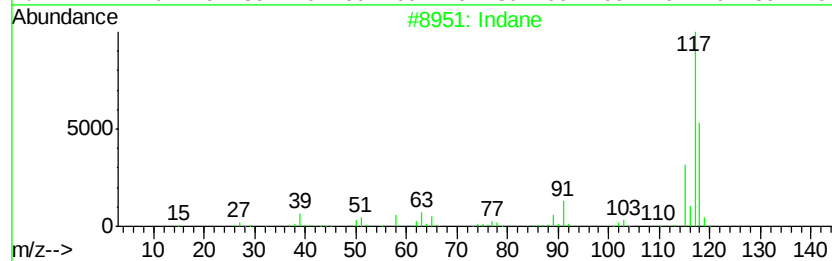
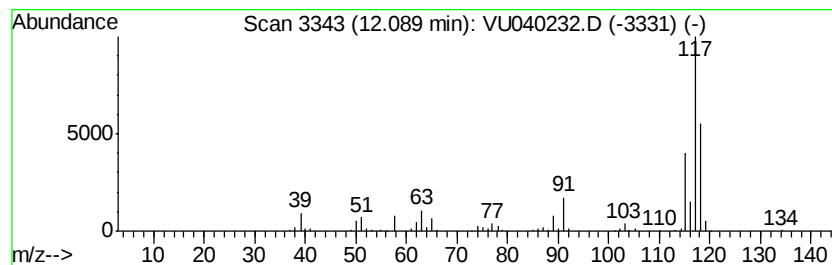
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.40 ug/L	276461	1,4-Dichlorobenzene-d4	11.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 90
2	Indane		118 C9H10	000496-11-7 87
3	Indane		118 C9H10	000496-11-7 68
4	Benzene, 1-ethenyl-4-methyl-		118 C9H10	000622-97-9 68
5	trans-Cinnamyl bromide		196 C9H9Br	026146-77-0 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092120\
Data File : VU040232.D
Acq On : 21 Sep 2020 14:34
Operator : SY/MD
Sample : L4046-12DL 100X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0DL

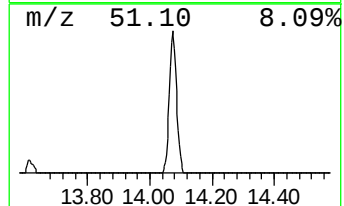
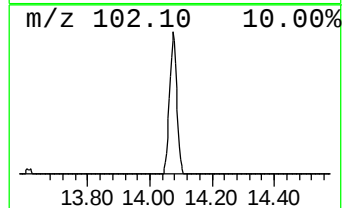
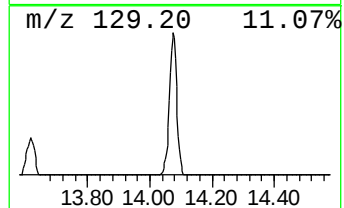
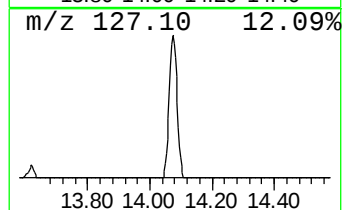
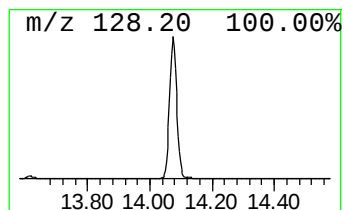
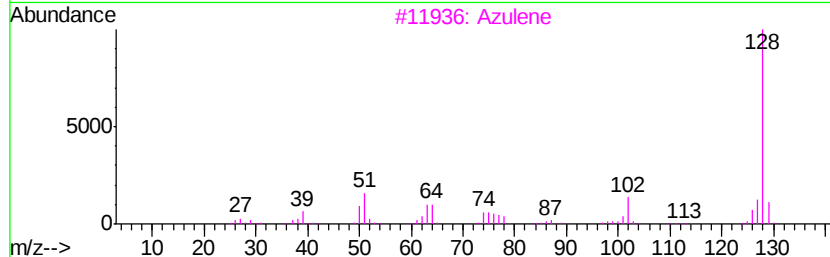
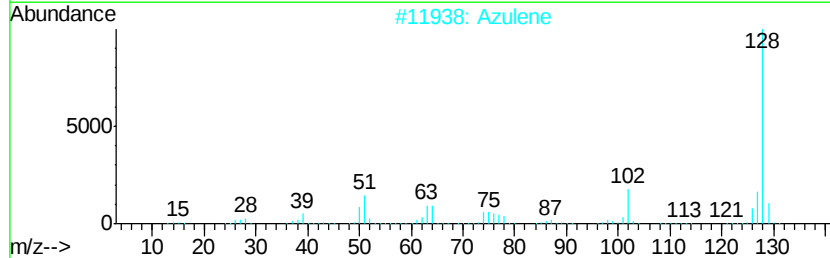
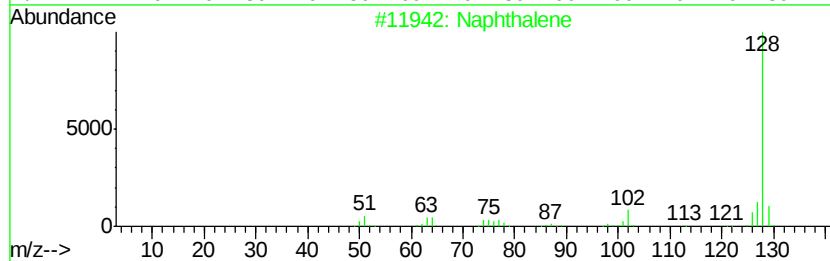
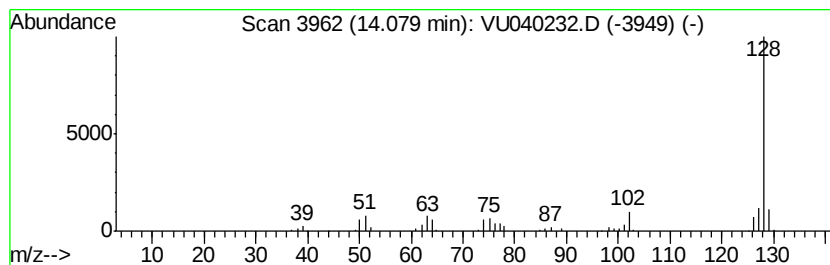
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	1.99 ug/L	161837	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Azulene	128	C10H8	000275-51-4	94
3			Azulene	128	C10H8	000275-51-4	94
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040232.D
Acq On : 21 Sep 2020 14:34
Operator : SY/MD
Sample : L4046-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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	2.39	0.6	ug/L	40500	1	6.26	318180	5.0
Diisopropyl ether	4.02	0.6	ug/L	36135	1	6.26	318180	5.0
Mesitylene	11.46	1.2	ug/L	94314	3	11.81	406665	5.0
Benzene, 1,2,4-tr...	11.89	0.6	ug/L	46936	3	11.81	406665	5.0
Indane	12.09	3.4	ug/L	276461	3	11.81	406665	5.0
Azulene	14.08	2.0	ug/L	161837	3	11.81	406665	5.0