

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039416.D
 Acq On : 10 Jul 2020 00:20
 Operator : SY/MD
 Sample : L3261-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE503

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\SOMUTR070720WMA.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	2.388	314	326	349	rBV	436758	698361	2.31%	0.913%
2	4.015	811	832	874	rBV	595921	1575061	5.20%	2.059%
3	4.687	1017	1041	1075	rBV2	215935	671464	2.22%	0.878%
4	5.086	1148	1165	1193	rBV2	129369	346134	1.14%	0.453%
5	5.793	1349	1385	1416	rBV	7366606	14824347	48.96%	19.384%
6	7.983	2051	2066	2100	rVV	18987760	30278248	100.00%	39.590%
7	8.642	2258	2271	2300	rBV	377127	688026	2.27%	0.900%
8	9.452	2501	2523	2547	rBV	1932979	3439520	11.36%	4.497%
9	9.574	2548	2561	2584	rVB	2312145	3610292	11.92%	4.721%
10	9.697	2584	2599	2614	rBV	6924167	10729435	35.44%	14.029%
11	10.102	2711	2725	2750	rVB	2176854	3429034	11.33%	4.484%
12	10.484	2830	2844	2857	rBV	435906	685619	2.26%	0.896%
13	10.899	2956	2973	2990	rBV2	222042	471913	1.56%	0.617%
14	10.996	2990	3003	3009	rBV2	249953	439574	1.45%	0.575%
15	11.288	3084	3094	3116	rVB	248153	401212	1.33%	0.525%
16	11.465	3139	3149	3166	rVB	588362	903799	2.98%	1.182%
17	11.809	3243	3256	3271	rBV2	265704	652321	2.15%	0.853%
18	11.889	3271	3281	3293	rVB	326258	531966	1.76%	0.696%
19	12.092	3328	3344	3360	rVB2	476871	787648	2.60%	1.030%
20	12.188	3361	3374	3394	rVB5	365804	905873	2.99%	1.184%
21	14.079	3951	3962	3983	rVB	241450	409303	1.35%	0.535%

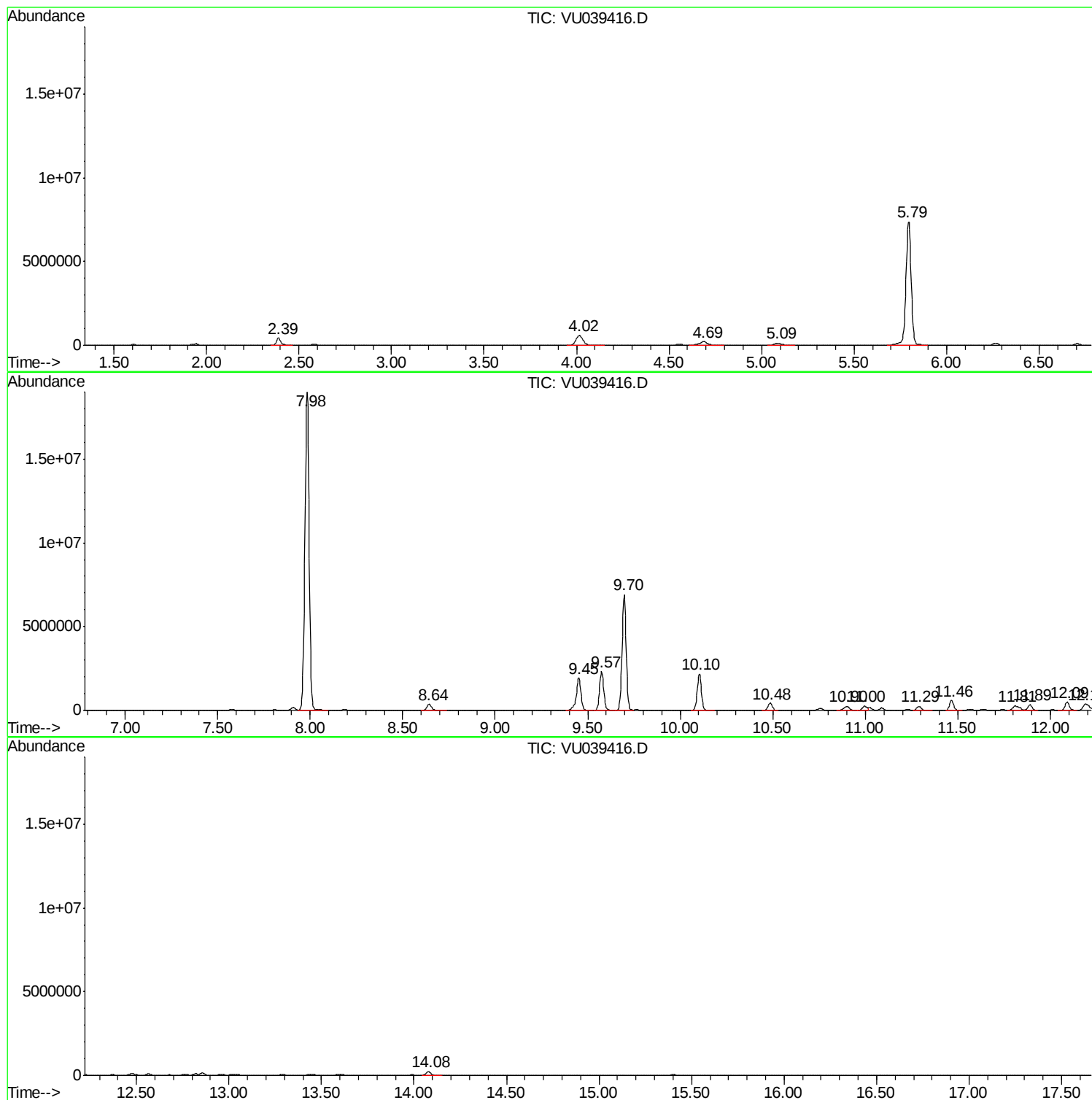
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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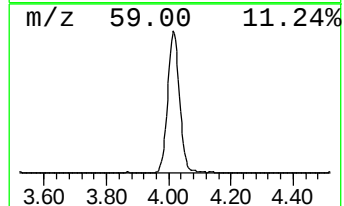
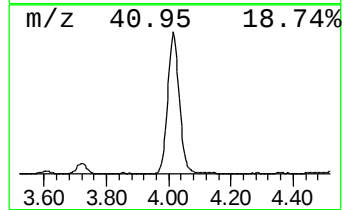
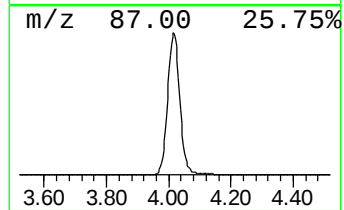
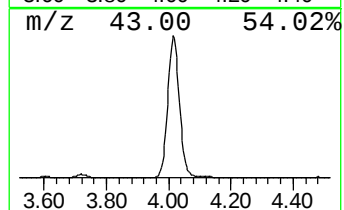
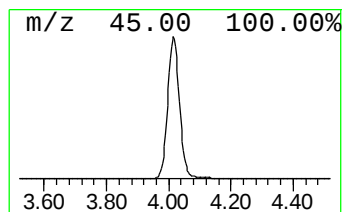
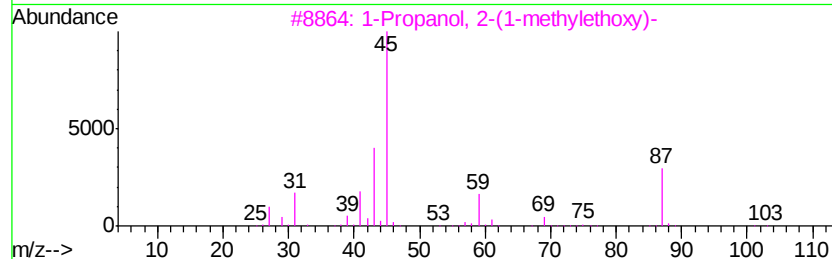
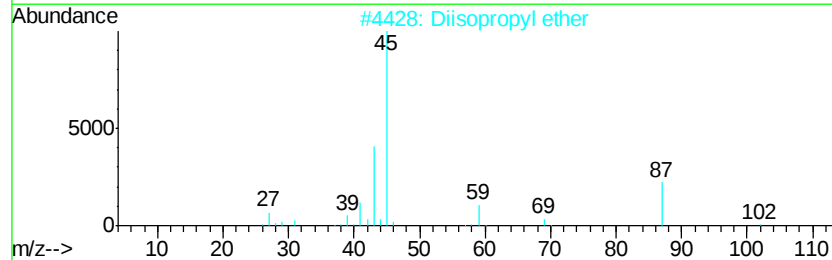
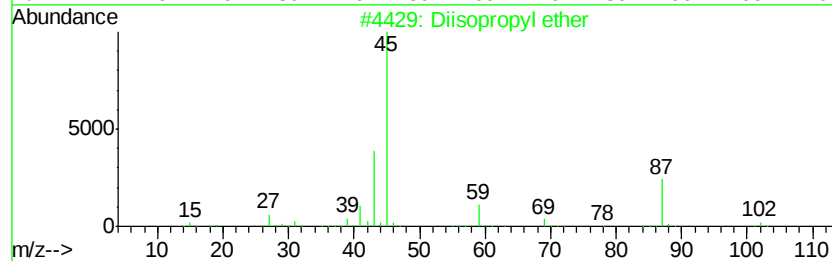
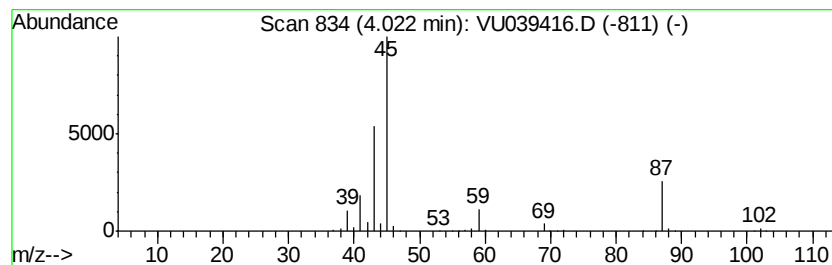
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Diisopropyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	0.53 ug/L	1575060	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisopropyl ether	102	C6H14O	000108-20-3	83
2			Diisopropyl ether	102	C6H14O	000108-20-3	83
3			1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	83
4			Diisopropyl ether	102	C6H14O	000108-20-3	74
5			Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	64



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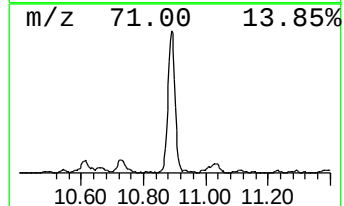
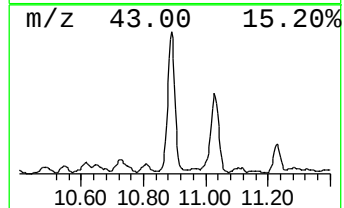
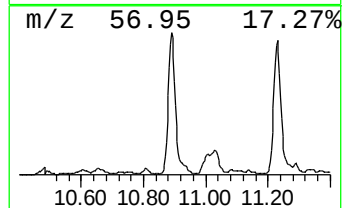
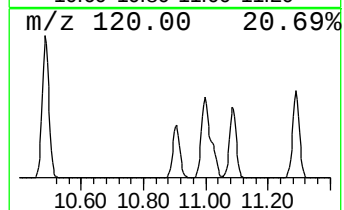
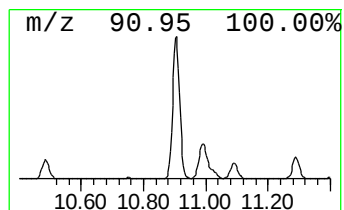
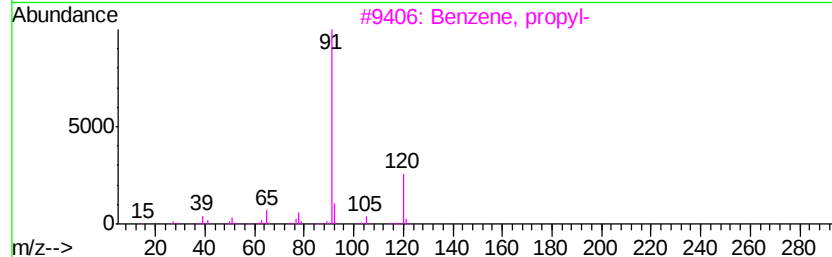
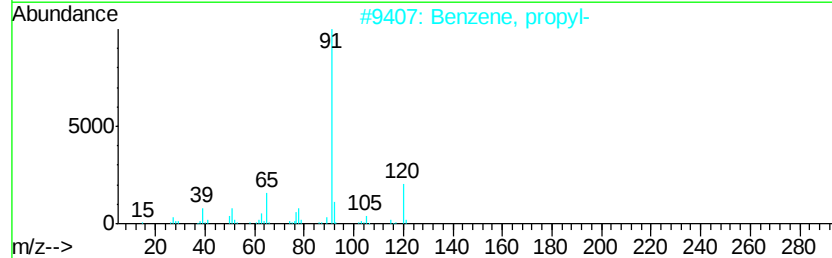
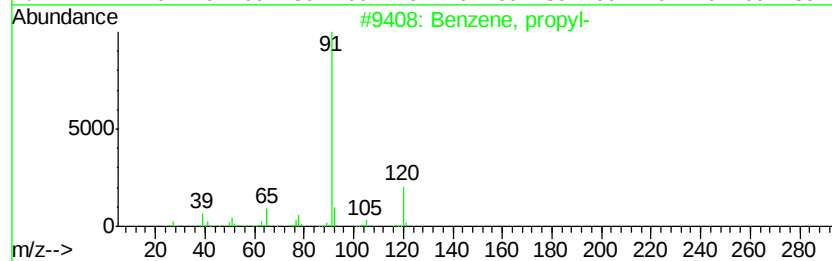
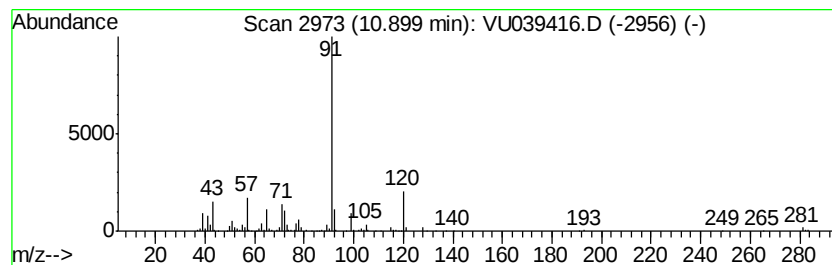
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.62 ug/L	471913	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	60
2		Benzene, propyl-	120	C9H12	000103-65-1	60
3		Benzene, propyl-	120	C9H12	000103-65-1	49
4		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	47
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	47



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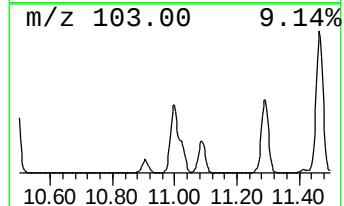
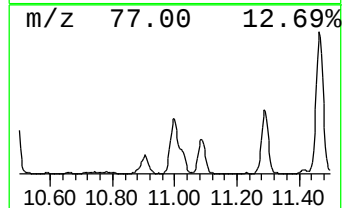
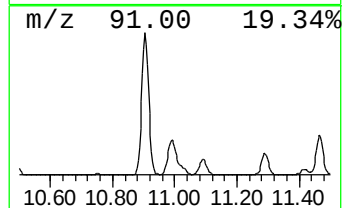
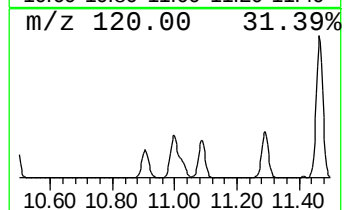
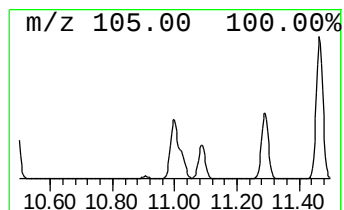
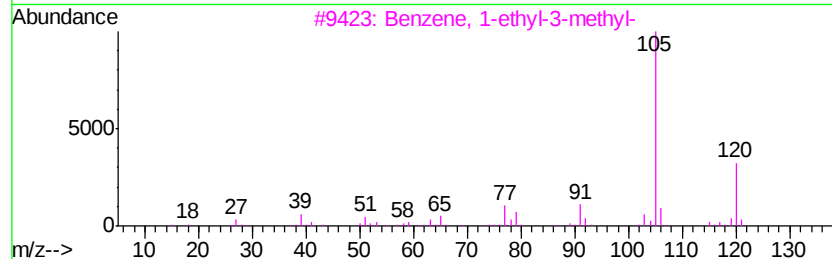
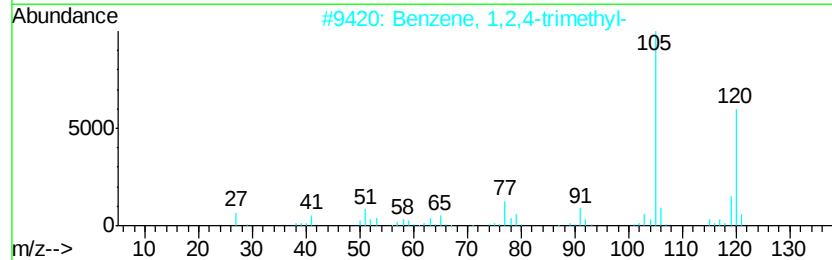
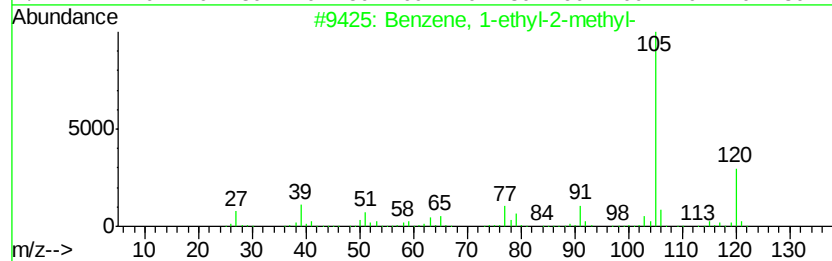
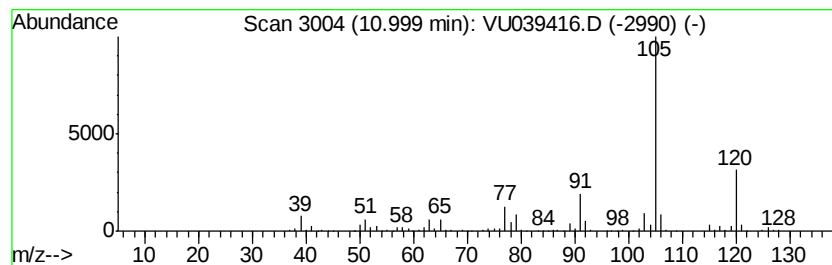
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.37 ug/L	439574	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-			120	C9H12	000611-14-3	91
2	Benzene, 1,2,4-trimethyl-			120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-			120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-			120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-			120	C9H12	000611-14-3	90



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

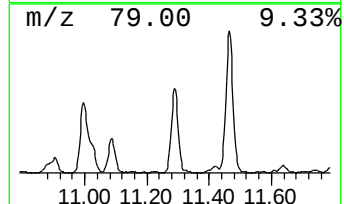
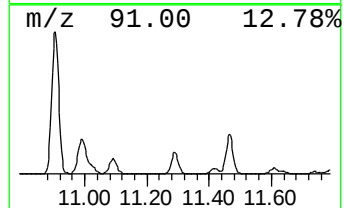
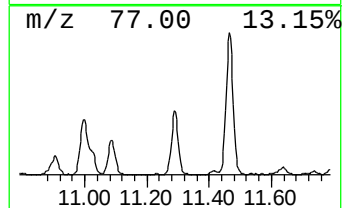
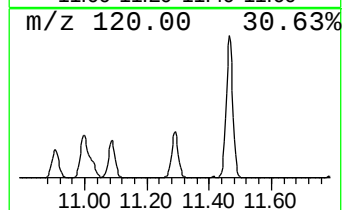
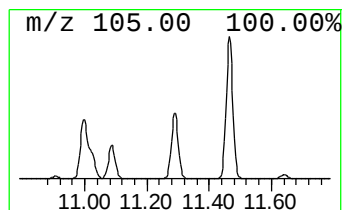
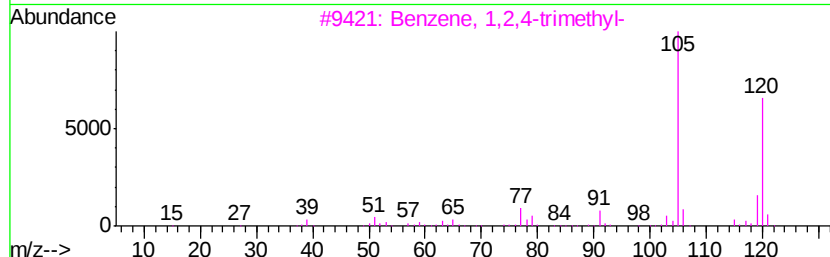
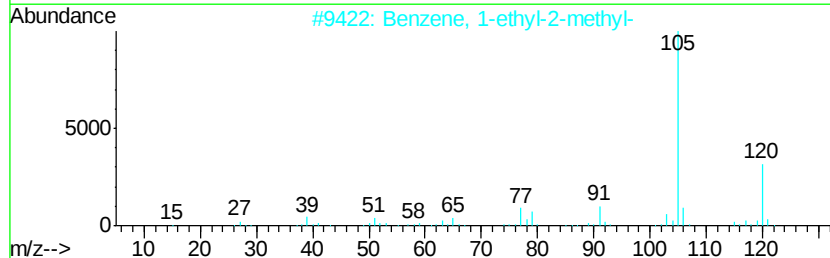
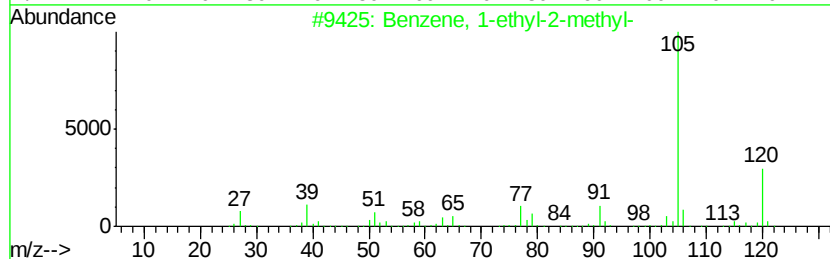
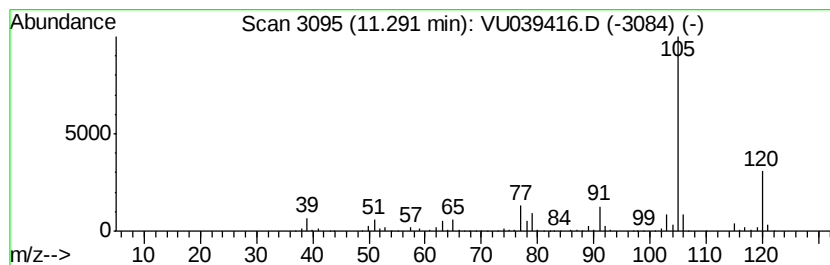
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.08 ug/L	401212	1,4-Dichlorobenzene-d4	11.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 94
3		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91
4		Mesitylene	120 C9H12	000108-67-8 91
5		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 91



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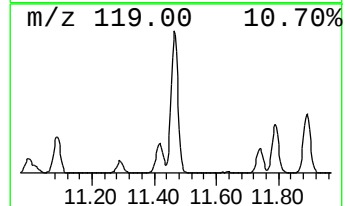
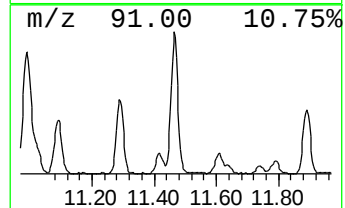
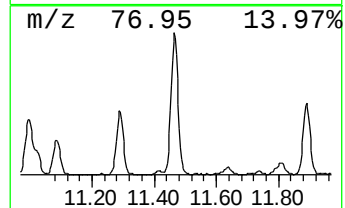
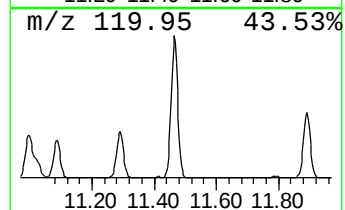
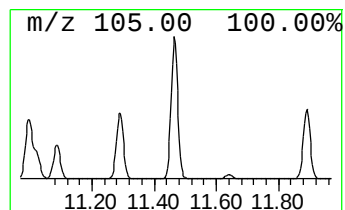
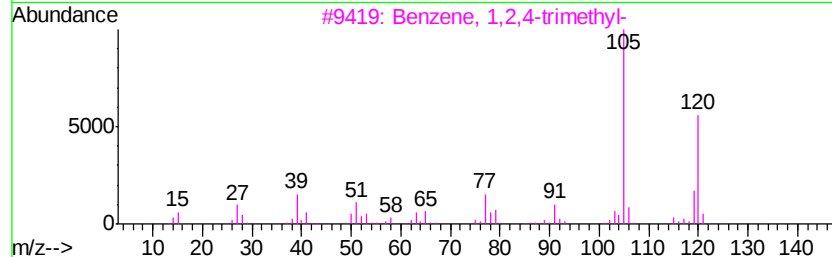
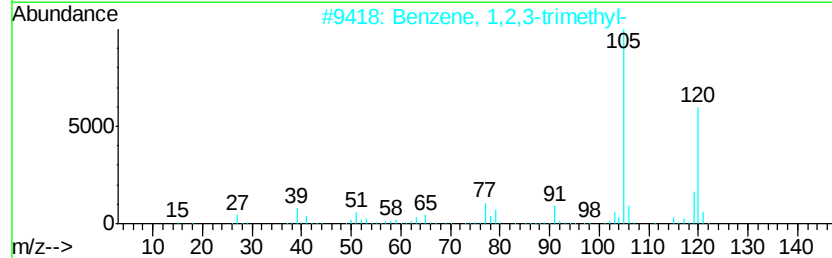
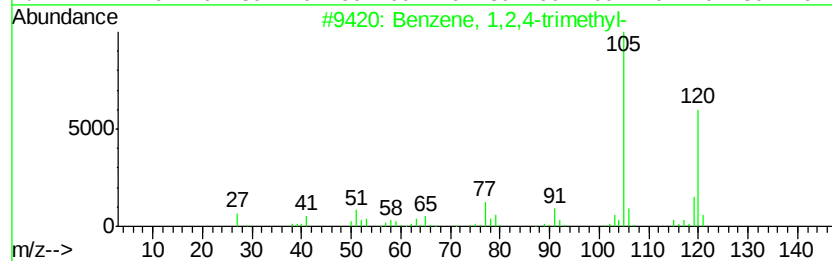
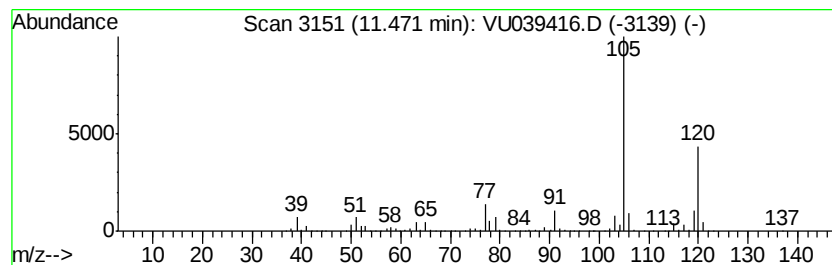
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.47	6.93 ug/L	903799	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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93



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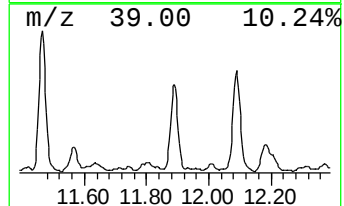
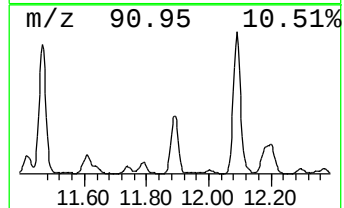
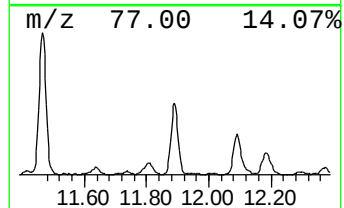
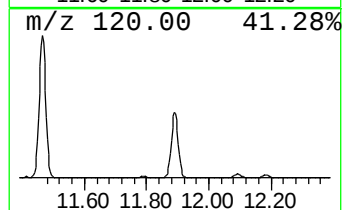
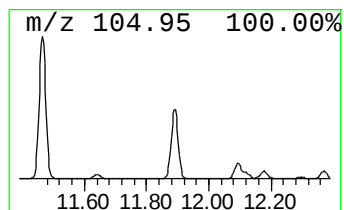
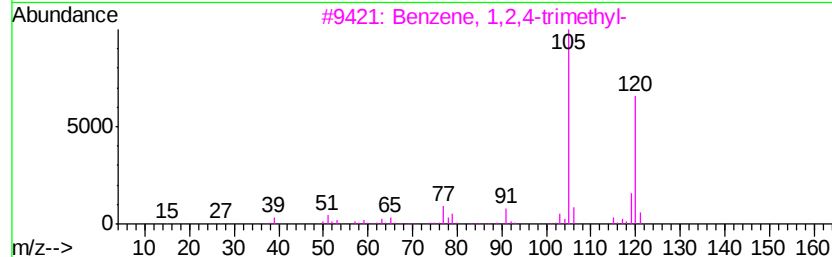
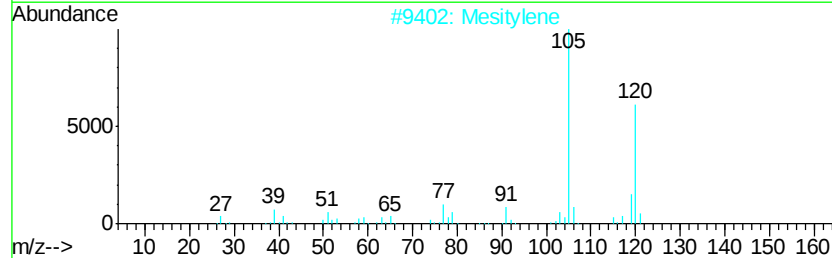
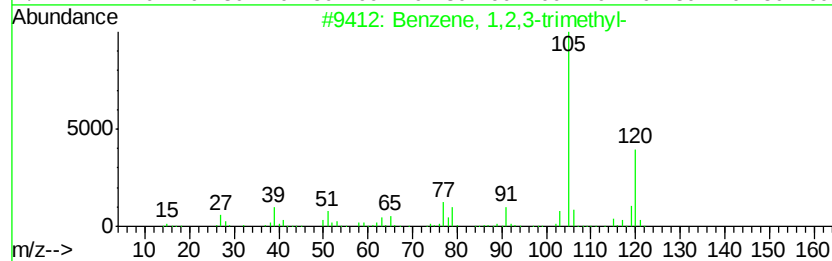
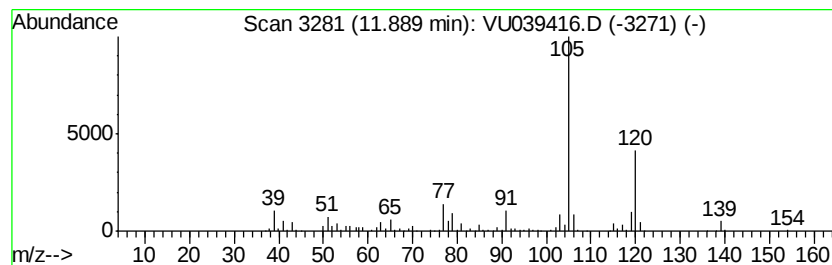
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.08 ug/L	531966	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039416.D
Acq On : 10 Jul 2020 00:20
Operator : SY/MD
Sample : L3261-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE503

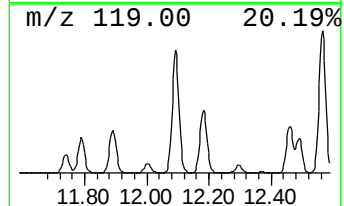
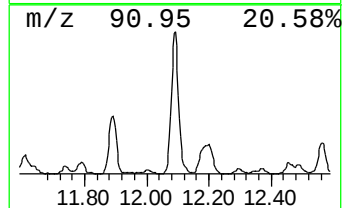
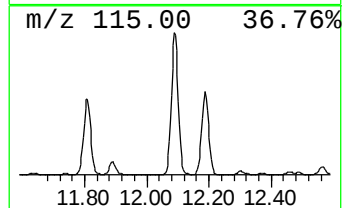
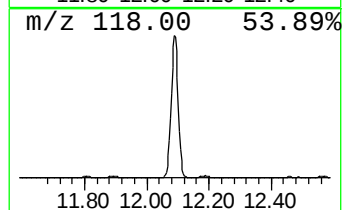
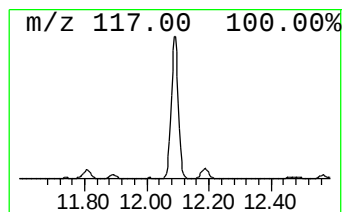
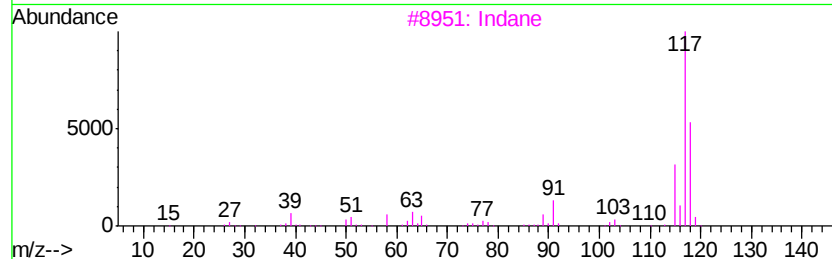
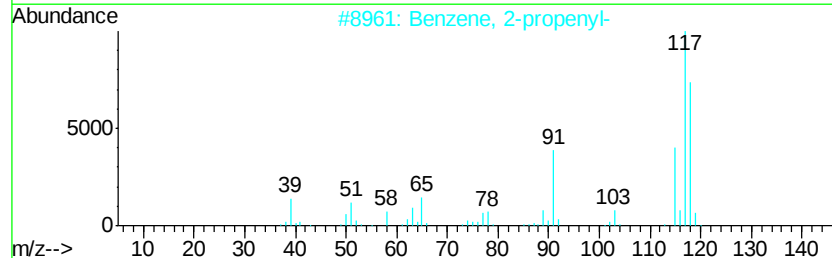
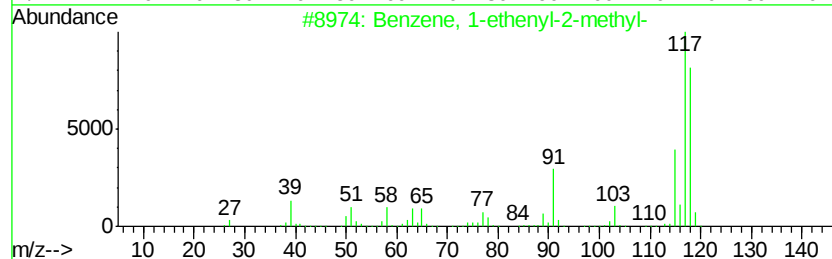
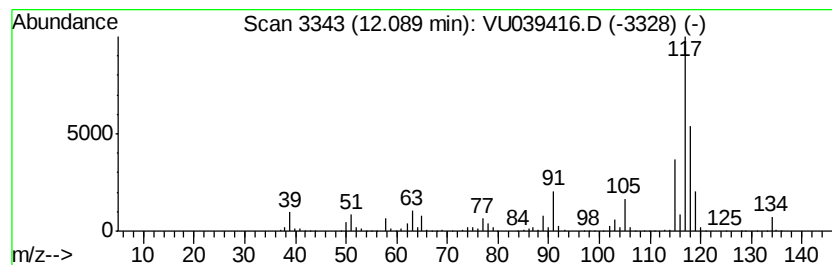
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.04 ug/L	787648	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3		Indane	118	C9H10	000496-11-7	70
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039416.D
Acq On : 10 Jul 2020 00:20
Operator : SY/MD
Sample : L3261-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE503

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.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
Diisopropyl ether	4.02	0.5	ug/L	1575060	1	6.27	14824300	5.0
Benzene, propyl-	10.90	3.6	ug/L	471913	3	11.81	652321	5.0
Benzene, 1-ethyl-...	11.00	3.4	ug/L	439574	3	11.81	652321	5.0
Benzene, 1,2,4-tr...	11.29	3.1	ug/L	401212	3	11.81	652321	5.0
Benzene, 1,2,3-tr...	11.47	6.9	ug/L	903799	3	11.81	652321	5.0
Mesitylene	11.89	4.1	ug/L	531966	3	11.81	652321	5.0
unknown-01	12.09	6.0	ug/L	787648	3	11.81	652321	5.0