

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
 Data File : VU040483.D
 Acq On : 03 Oct 2020 16:41
 Operator : SY/MD
 Sample : L4240-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T1

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\SOMUTR092920WMA.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	3.102	517	548	573	rBV	8046359	18362259	41.38%	16.562%
2	3.382	614	635	662	rBV	14300275	31584121	71.17%	28.488%
3	3.726	720	742	769	rBV	20123153	44378096	100.00%	40.028%
4	4.318	905	926	947	rBV	2306162	6126342	13.80%	5.526%
5	4.456	950	969	986	rVV	2154698	5442119	12.26%	4.909%
6	4.552	986	999	1017	rVV	615044	1462029	3.29%	1.319%
7	4.668	1018	1035	1067	rVB3	192270	596343	1.34%	0.538%
8	8.642	2253	2271	2301	rBV	286878	542151	1.22%	0.489%
9	11.806	3242	3255	3269	rVB	291323	485667	1.09%	0.438%
10	12.182	3361	3372	3393	rVB3	486273	904489	2.04%	0.816%
11	12.565	3479	3491	3502	rBV	333644	498787	1.12%	0.450%
12	13.018	3623	3632	3647	rVB	323660	486131	1.10%	0.438%

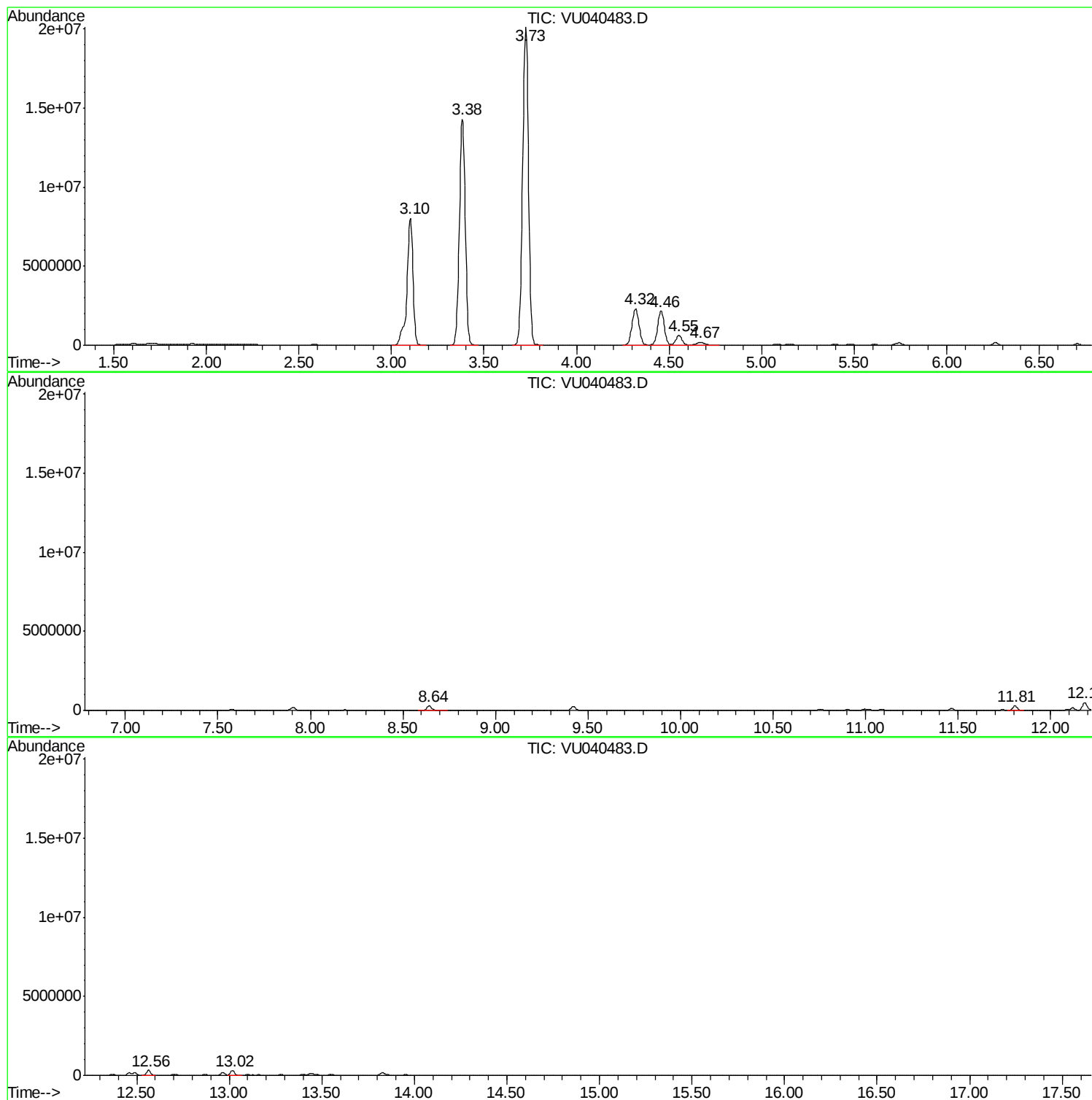
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Quant Title : TRACE VOA SOM01.0

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



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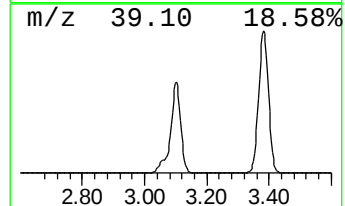
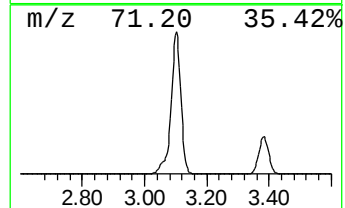
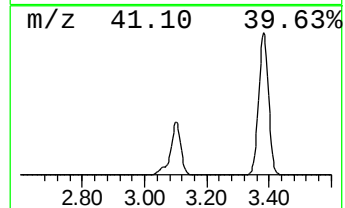
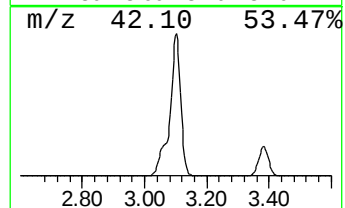
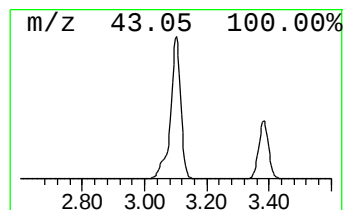
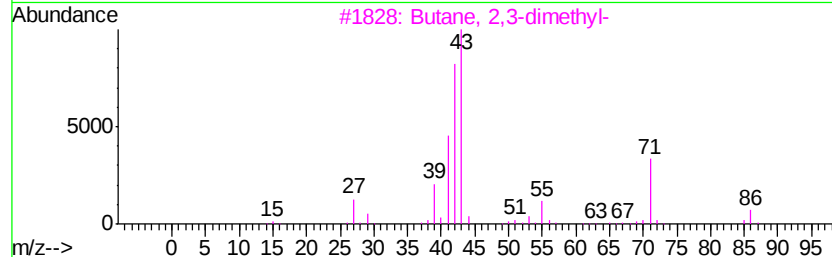
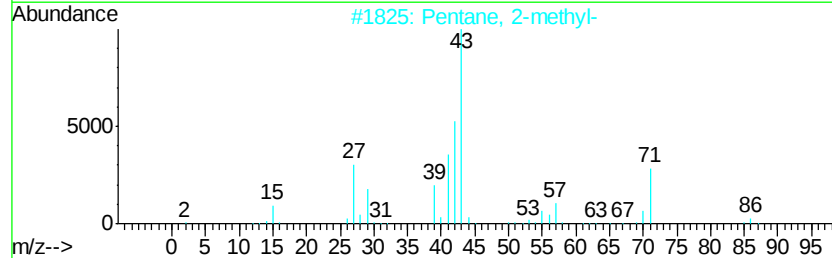
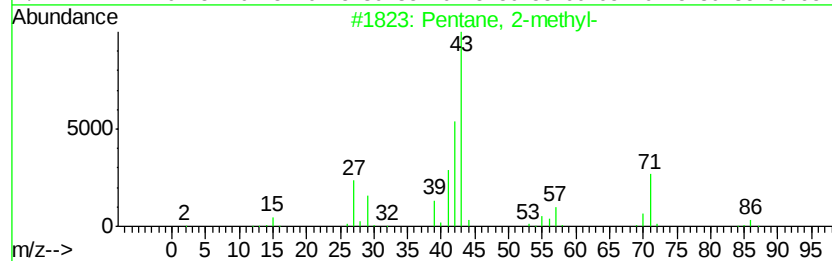
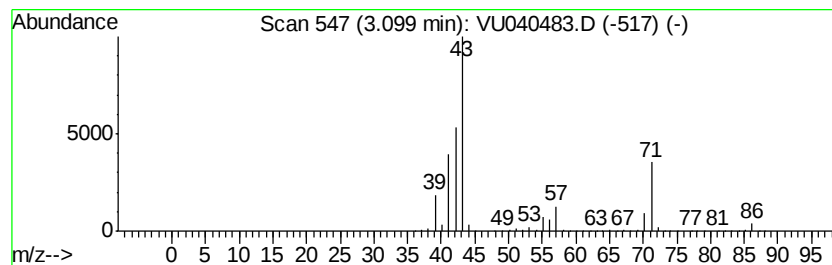
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	153.96 ug/L	18362300	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	33
5		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	33



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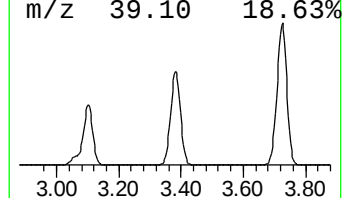
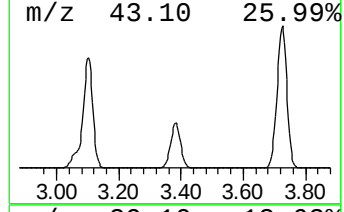
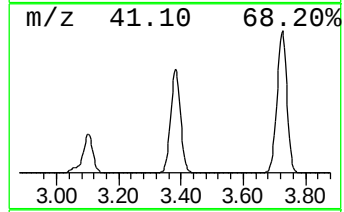
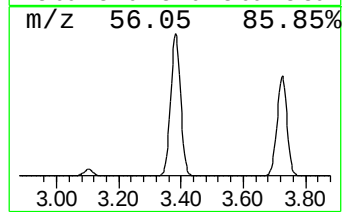
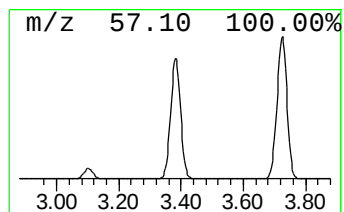
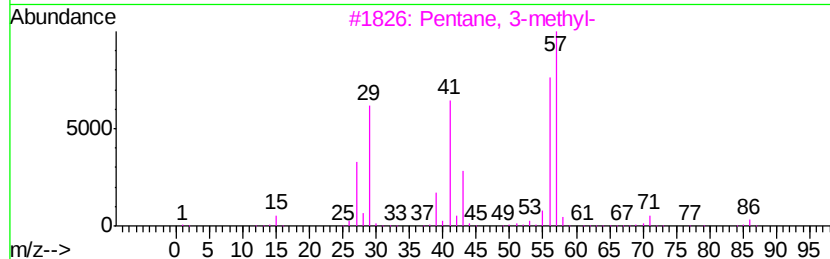
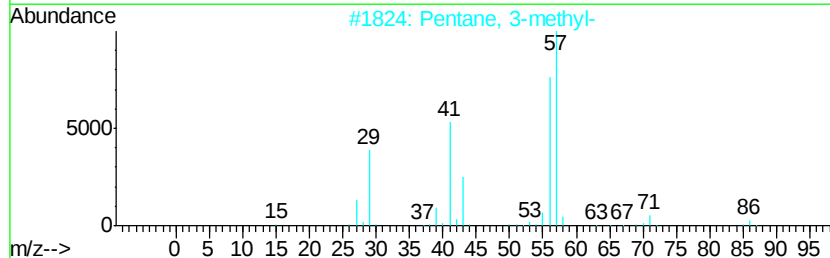
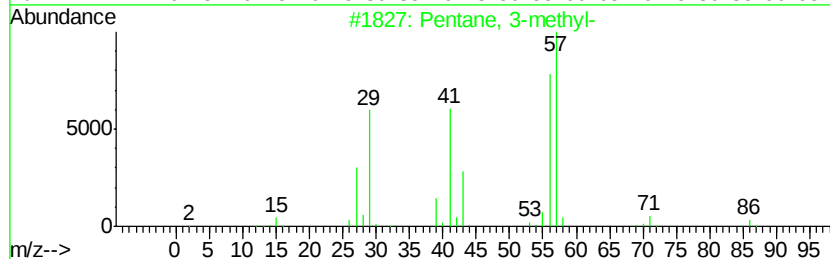
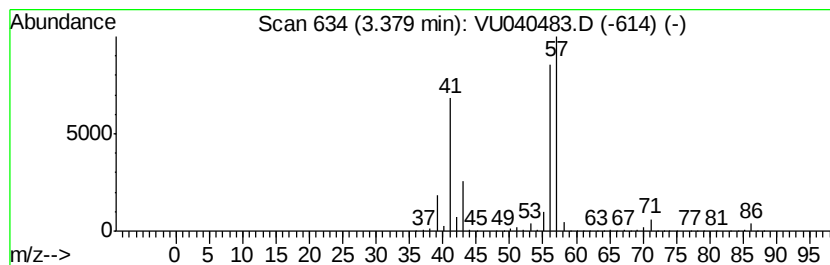
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	264.82 ug/L	31584100	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40



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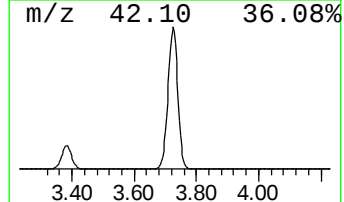
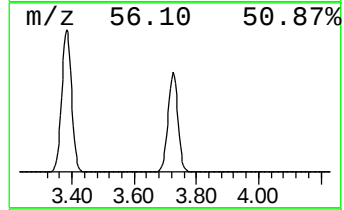
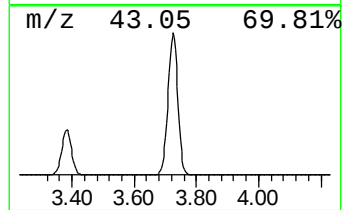
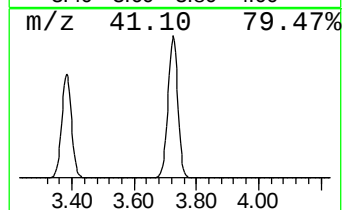
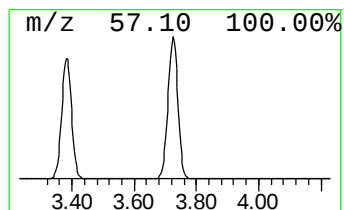
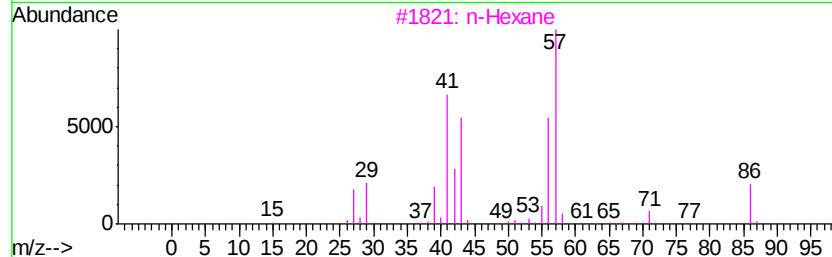
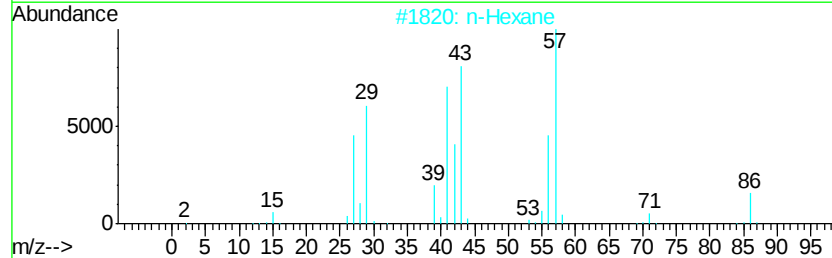
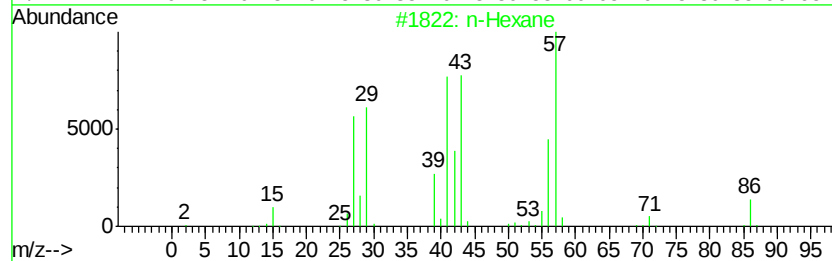
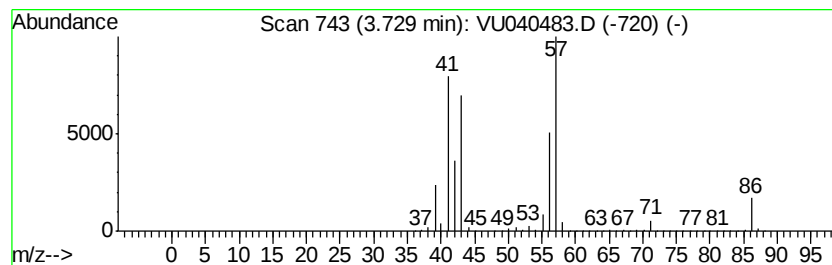
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	372.09 ug/L	44378100	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	91
3		n-Hexane	86	C6H14	000110-54-3	87
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38



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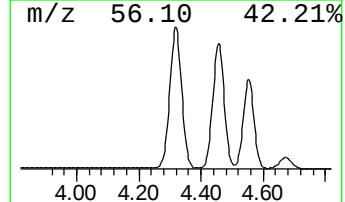
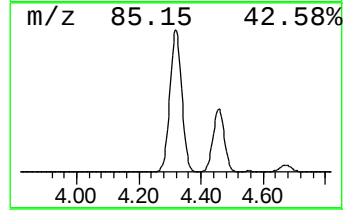
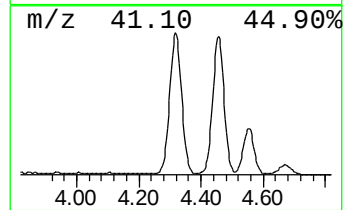
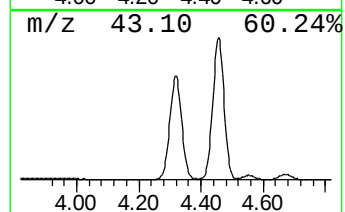
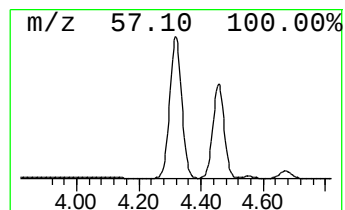
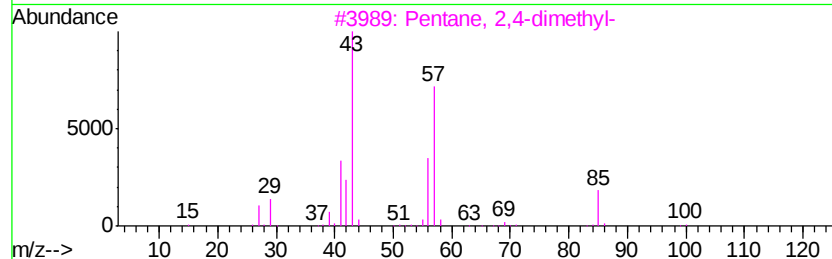
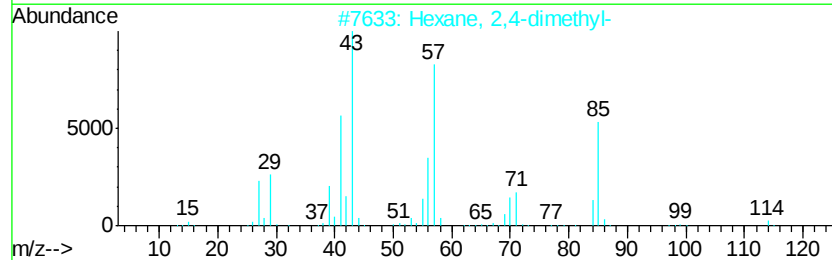
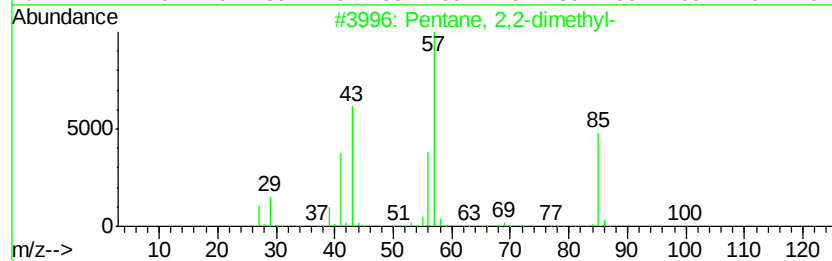
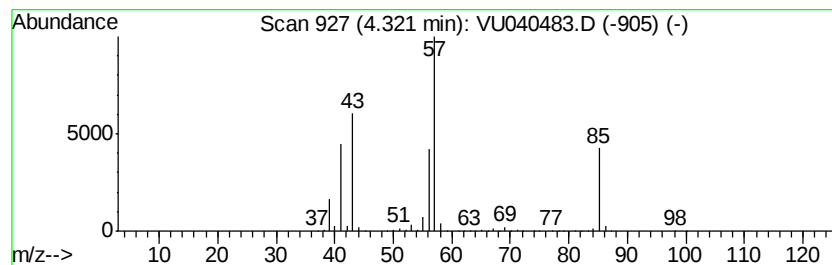
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	51.37 ug/L	6126340	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64



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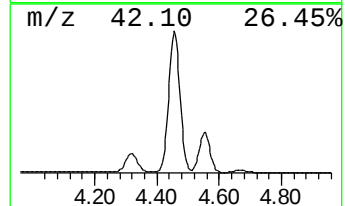
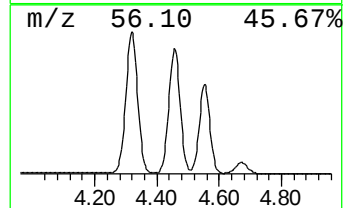
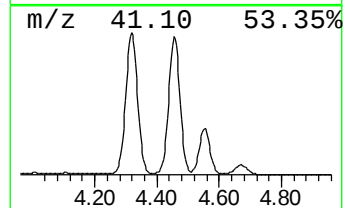
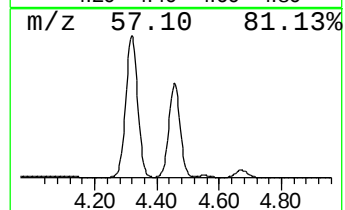
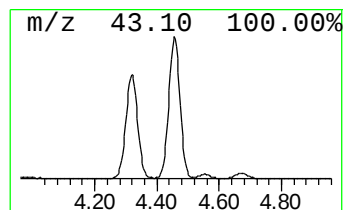
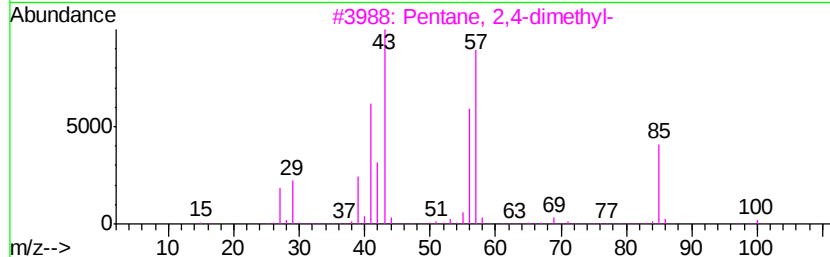
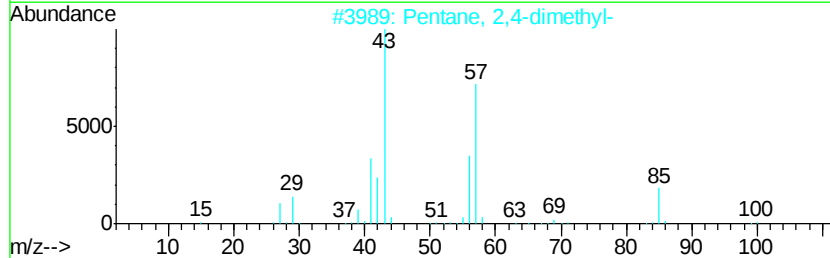
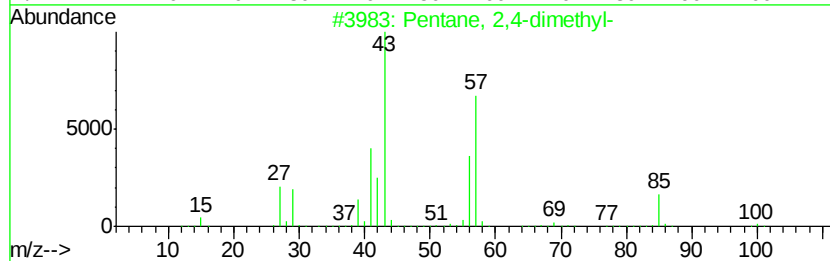
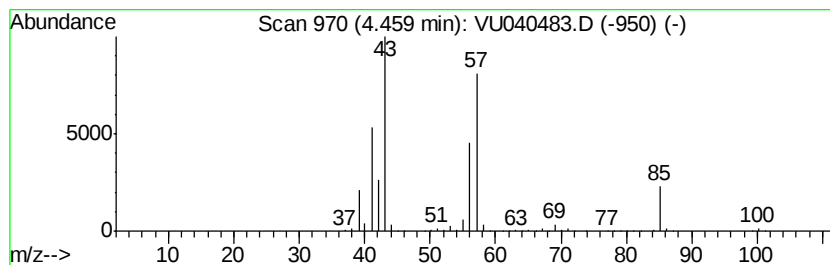
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	45.63 ug/L	5442120	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91	
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91	
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64	
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64	
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64	



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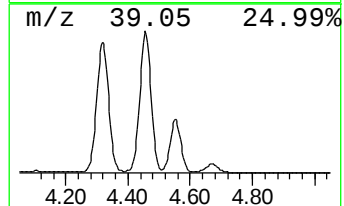
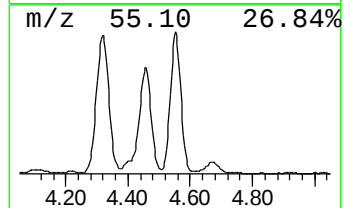
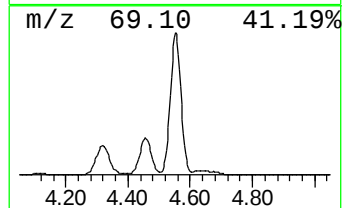
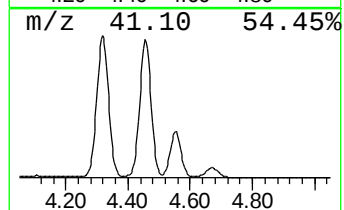
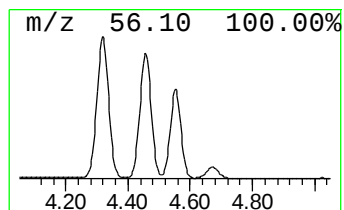
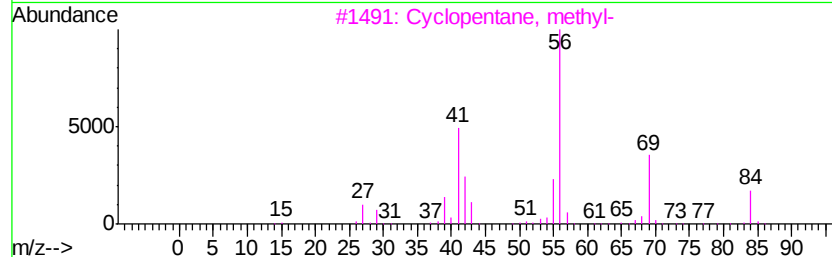
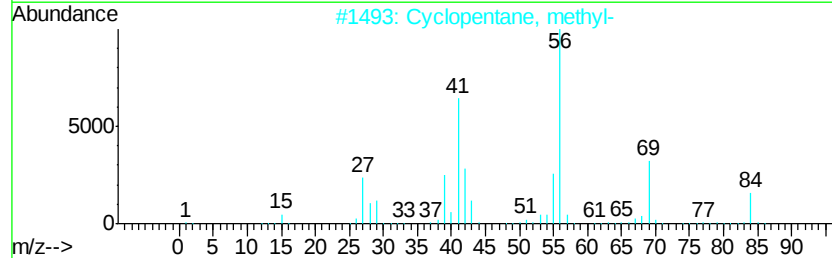
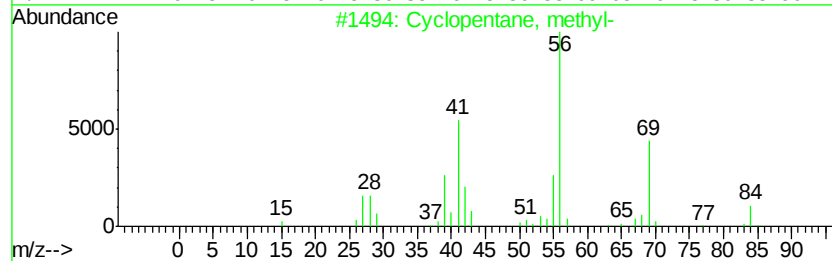
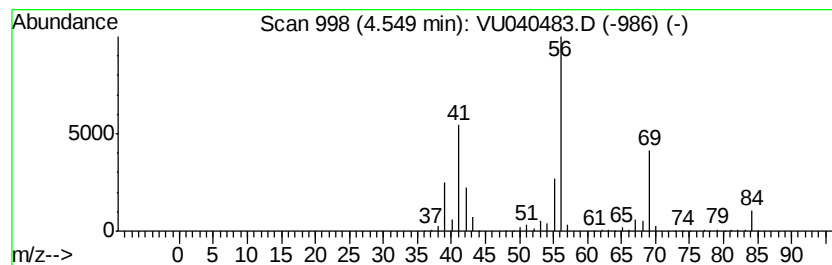
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic4.55 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	12.26 ug/L	1462030	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	83
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040483.D
Acq On : 03 Oct 2020 16:41
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

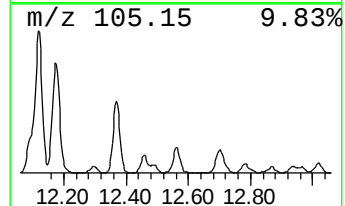
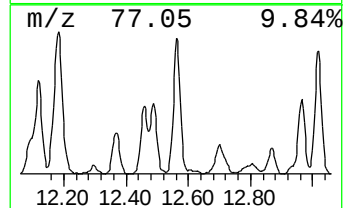
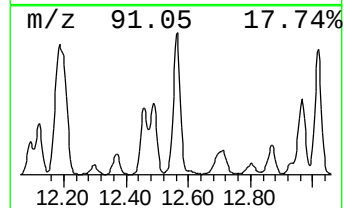
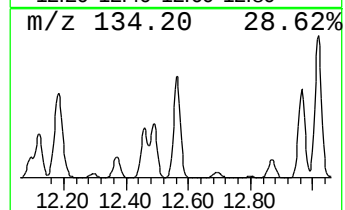
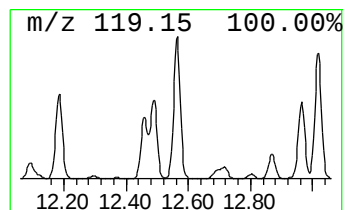
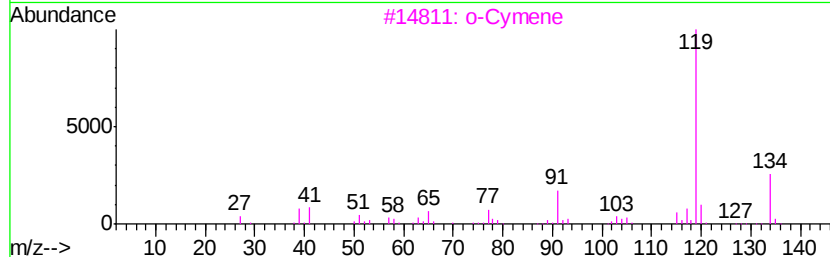
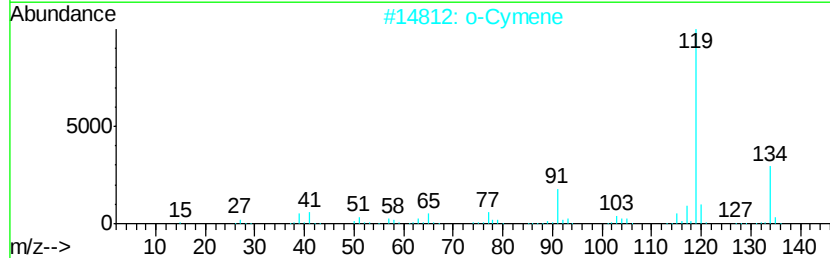
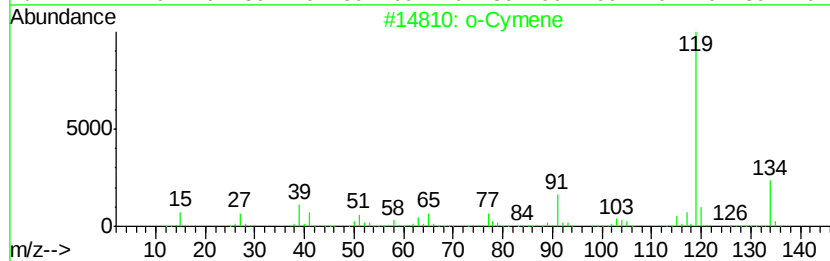
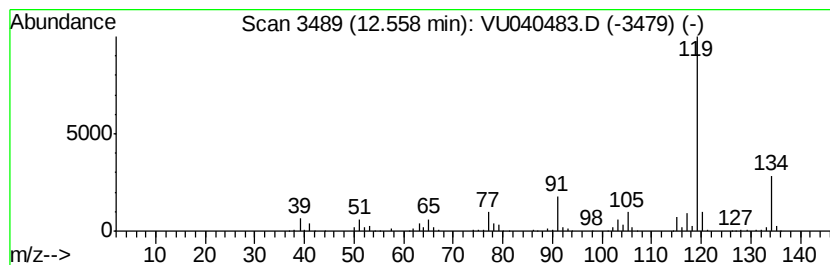
Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	5.14 ug/L	498787	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040483.D
Acq On : 03 Oct 2020 16:41
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

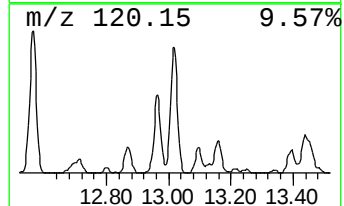
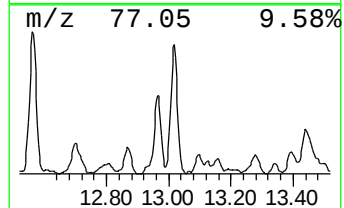
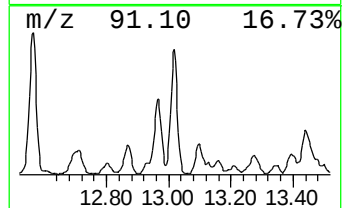
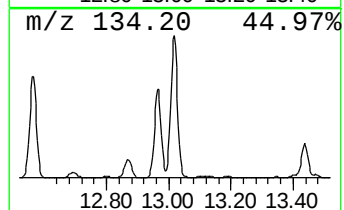
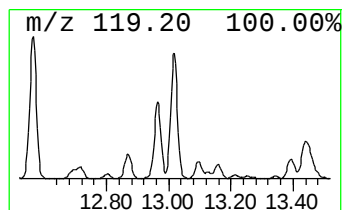
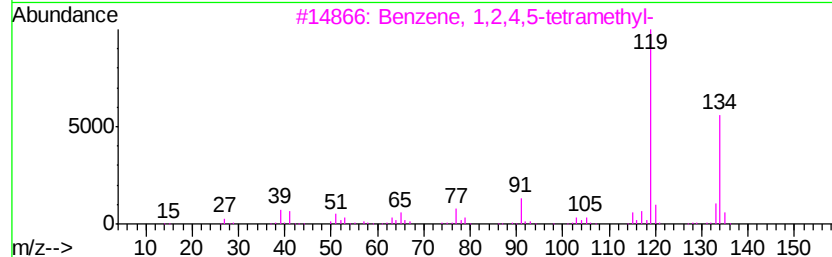
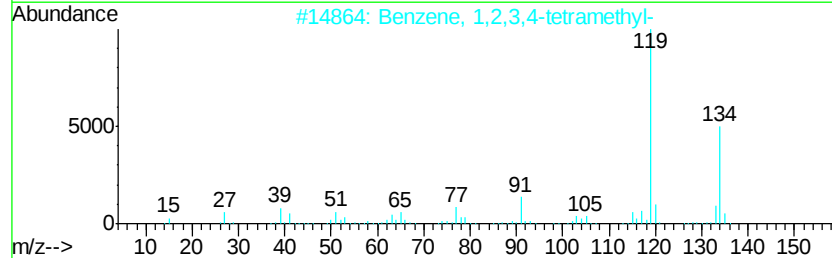
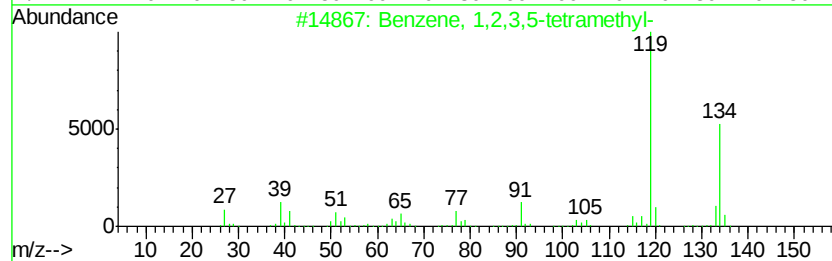
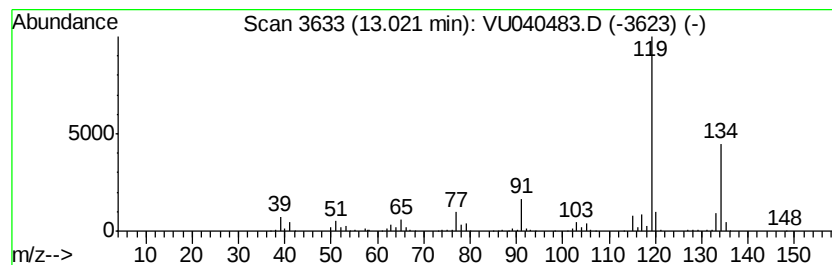
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	5.00 ug/L	486131	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
 Data File : VU040483.D
 Acq On : 03 Oct 2020 16:41
 Operator : SY/MD
 Sample : L4240-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.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
(DEL) Alkane: Str...	3.10	154.0	ug/L	18362300	1	6.26	596343	5.0
(DEL) Alkane: Str...	3.38	264.8	ug/L	31584100	1	6.26	596343	5.0
(DEL) Alkane: Str...	3.73	372.1	ug/L	44378100	1	6.26	596343	5.0
(DEL) Alkane: Str...	4.32	51.4	ug/L	6126340	1	6.26	596343	5.0
(DEL) Alkane: Str...	4.46	45.6	ug/L	5442120	1	6.26	596343	5.0
(DEL) Alkane: Cyc...	4.55	12.3	ug/L	1462030	1	6.26	596343	5.0
o-Cymene	12.56	5.1	ug/L	498787	3	11.81	485667	5.0
Benzene, 1,2,3,5-...	13.02	5.0	ug/L	486131	3	11.81	485667	5.0