

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100220\
 Data File : VU040461.D
 Acq On : 02 Oct 2020 15:19
 Operator : SY/MD
 Sample : L4240-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5DL

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\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	569	rBV	18225924	41476439	36.14%	14.175%
2	3.385	614	636	662	rBV	27491108	61204203	53.33%	20.917%
3	3.735	720	745	769	rBV3	48511449	114764725	100.00%	39.222%
4	4.317	910	926	949	rBV2	586049	1747291	1.52%	0.597%
5	4.559	981	1001	1020	rVB	23950428	57308903	49.94%	19.586%
6	5.407	1248	1265	1281	rBV	1358492	3041045	2.65%	1.039%
7	10.902	2956	2974	2990	rBV	1005332	1499047	1.31%	0.512%
8	10.996	2990	3003	3009	rBV	2274661	3938790	3.43%	1.346%
9	11.086	3021	3031	3049	rVB	1575230	2384422	2.08%	0.815%
10	11.462	3136	3148	3166	rVB	2594611	3937863	3.43%	1.346%
11	13.828	3872	3884	3902	rVB	802119	1296905	1.13%	0.443%

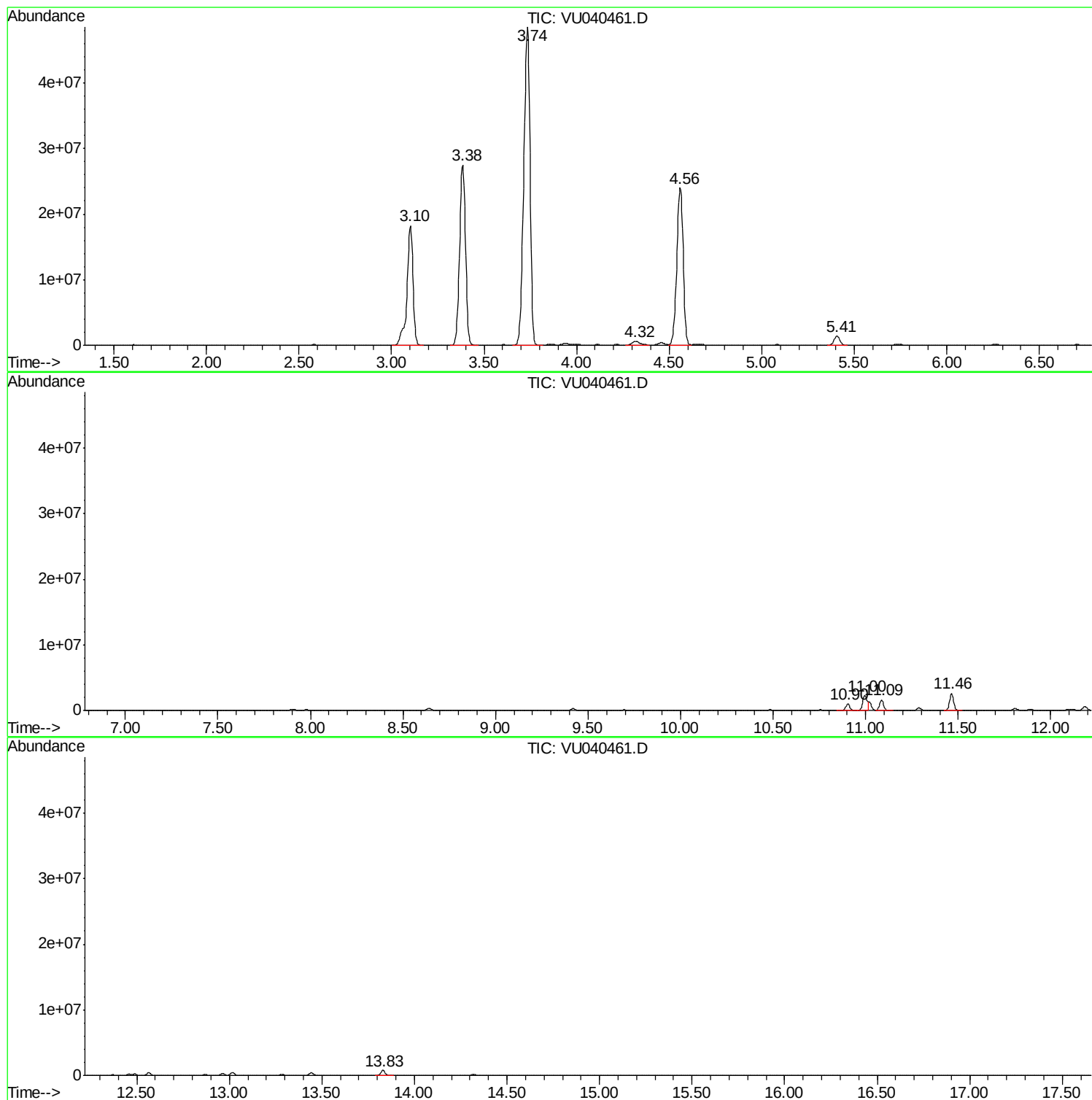
Sum of corrected areas: 292599633

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

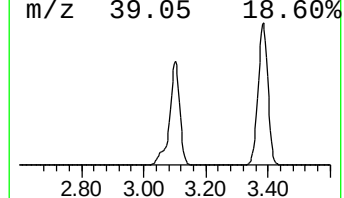
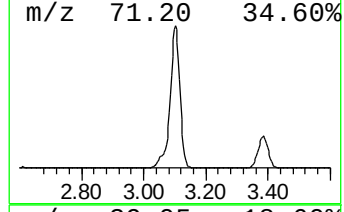
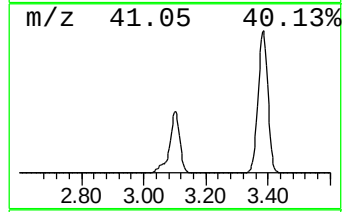
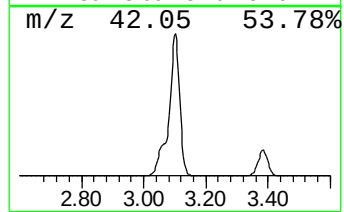
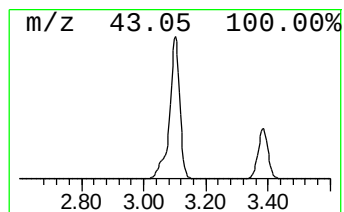
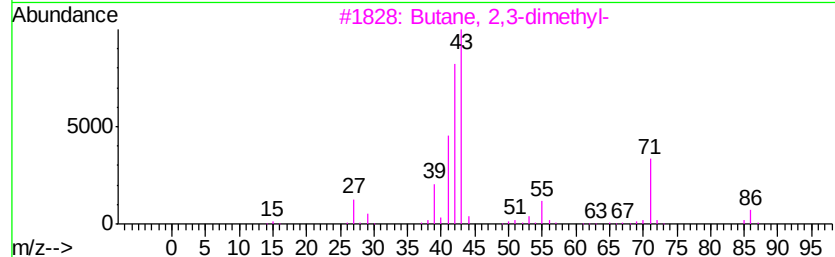
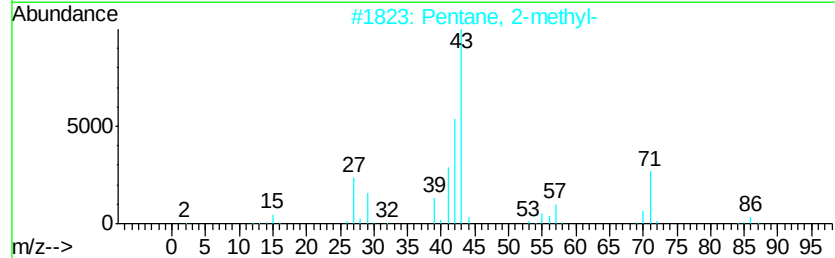
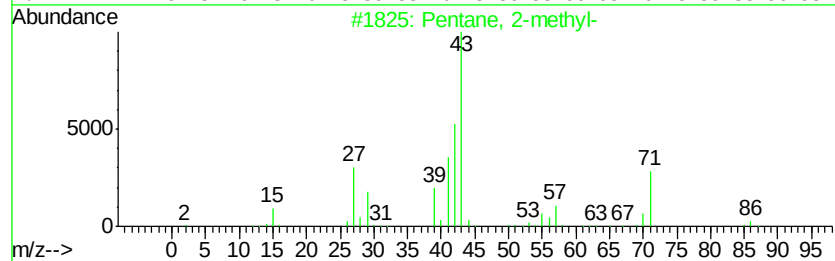
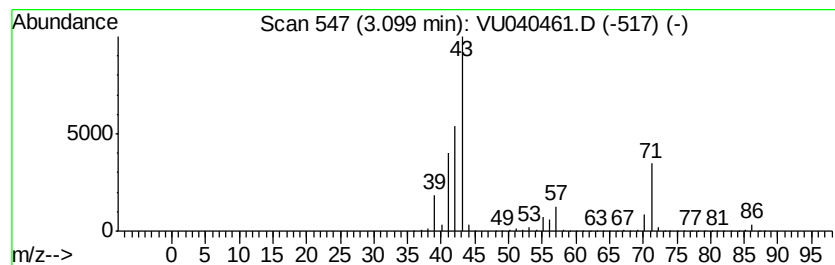
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	68.19 ug/L	41476400	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	52
4		Pentane	72	C5H12	000109-66-0	40
5		Pentane	72	C5H12	000109-66-0	36



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

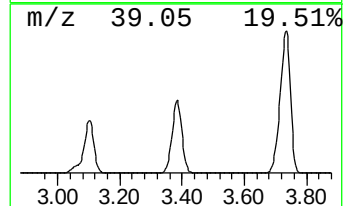
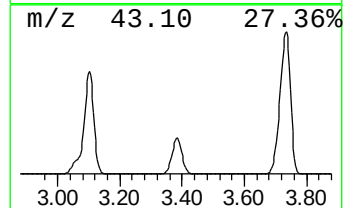
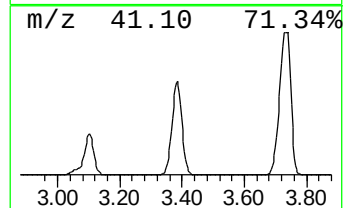
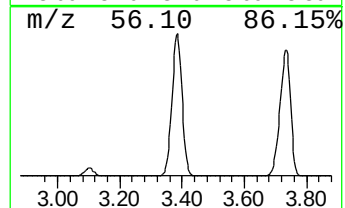
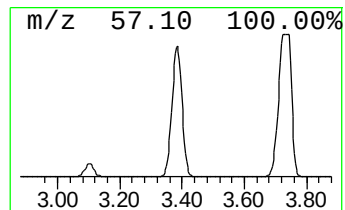
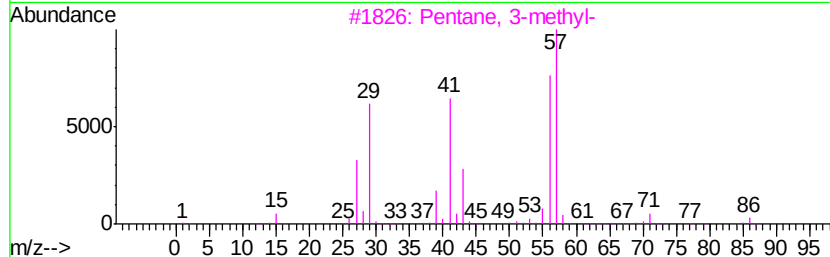
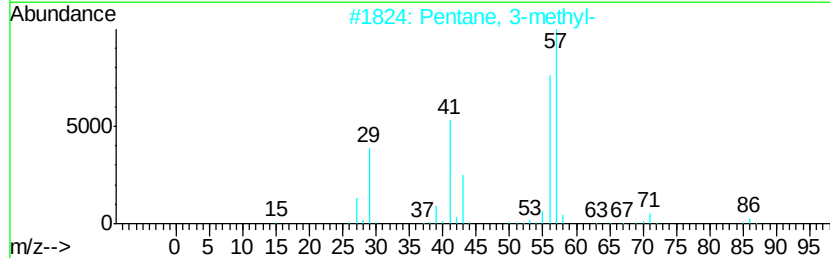
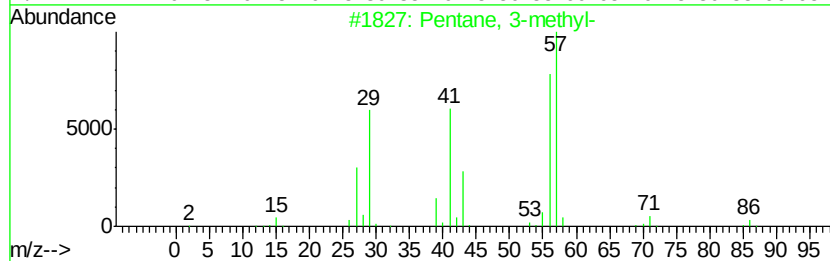
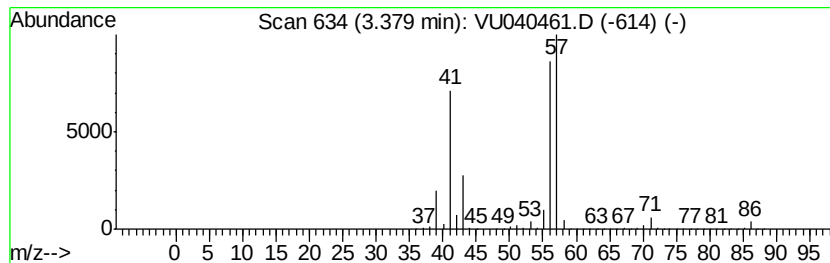
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	100.63 ug/L	61204200	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	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

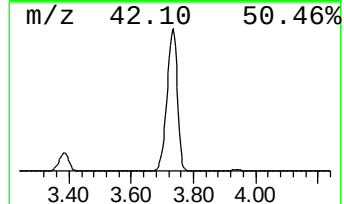
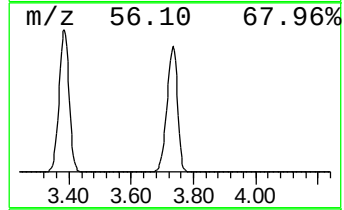
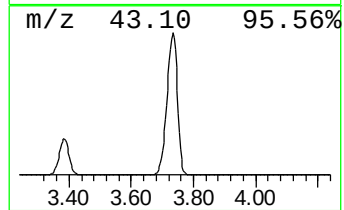
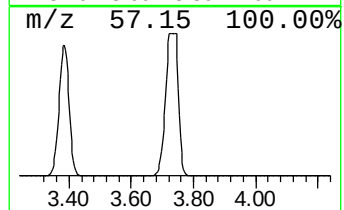
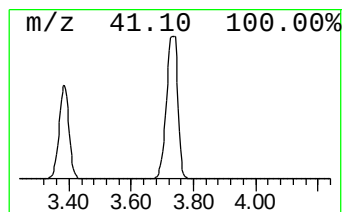
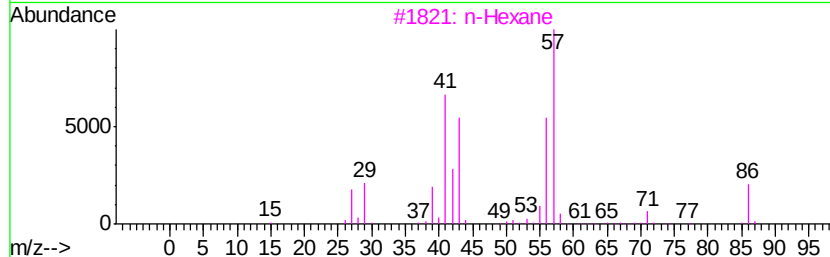
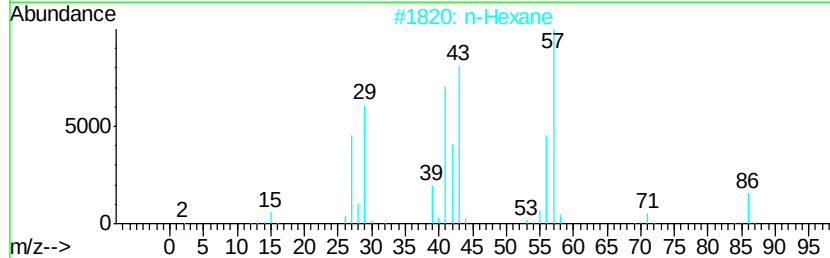
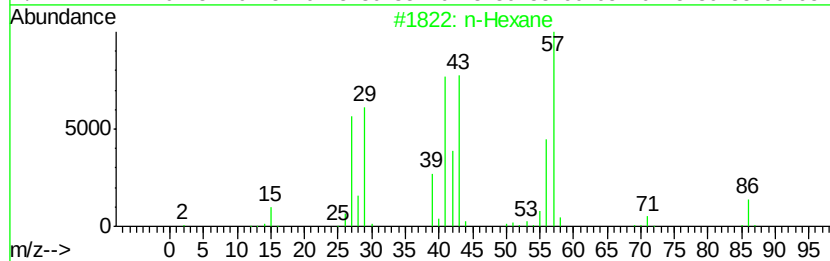
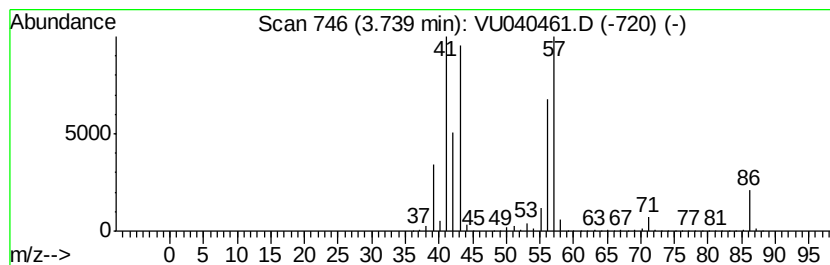
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	188.69 ug/L	114765000	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	80
2		n-Hexane	86	C6H14	000110-54-3	80
3		n-Hexane	86	C6H14	000110-54-3	68
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

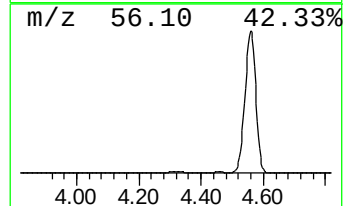
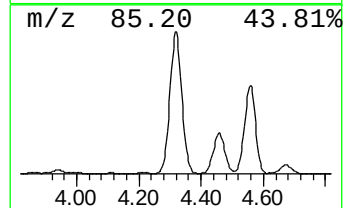
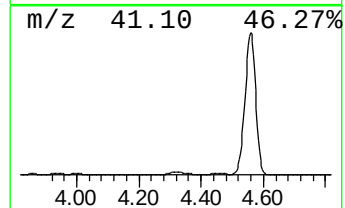
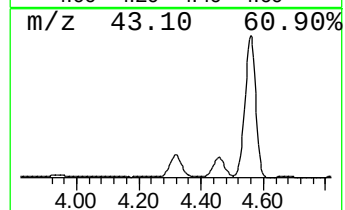
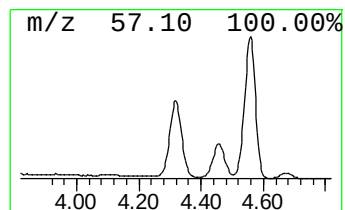
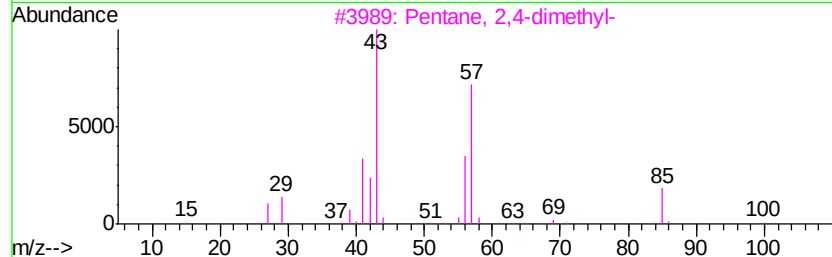
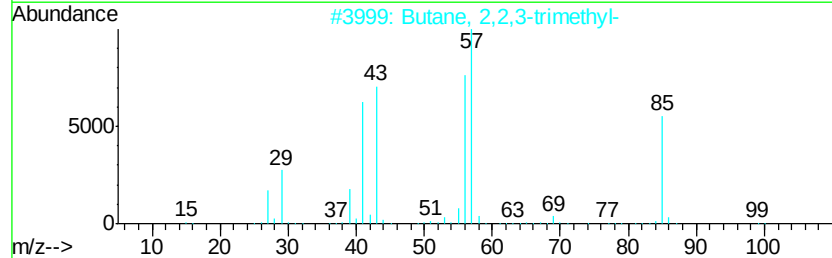
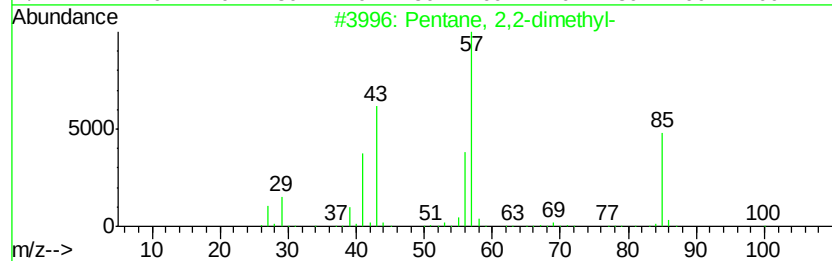
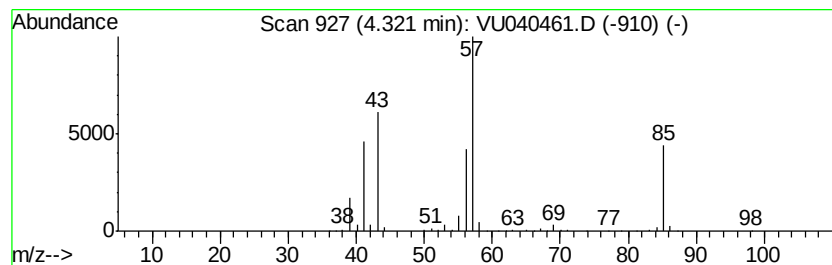
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	2.87 ug/L	1747290	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

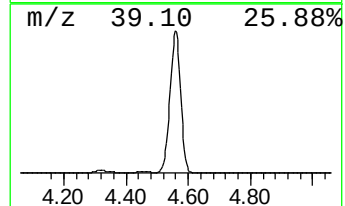
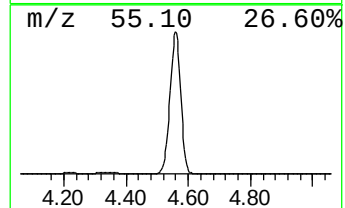
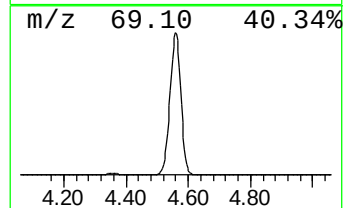
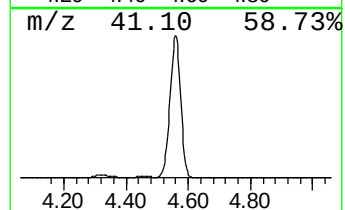
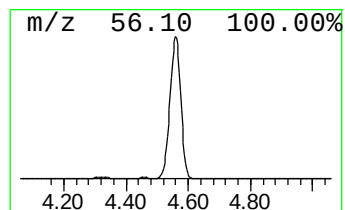
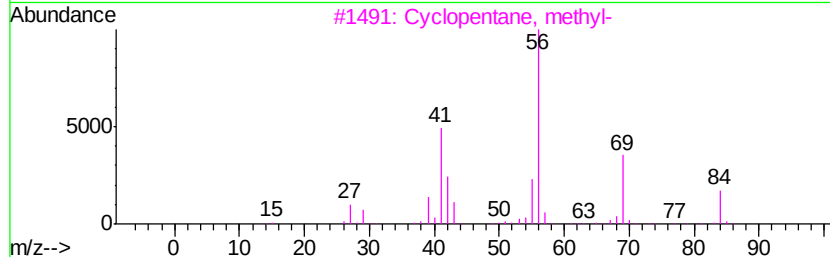
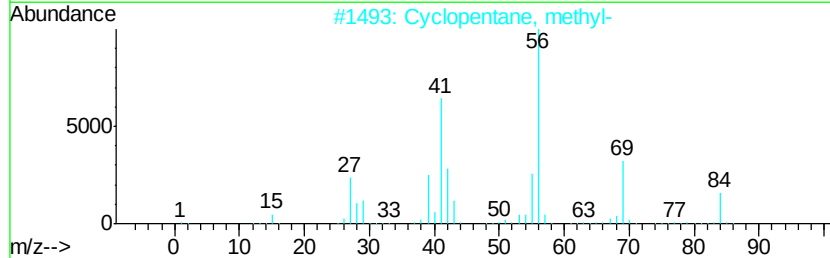
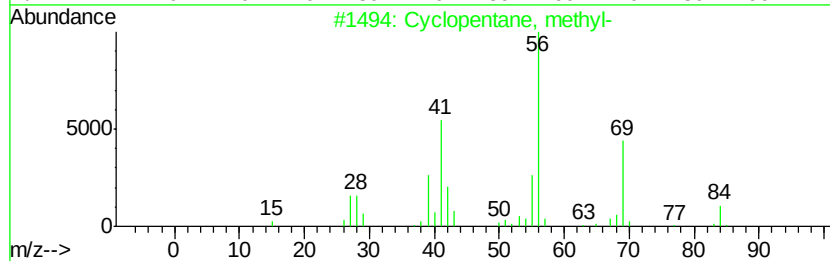
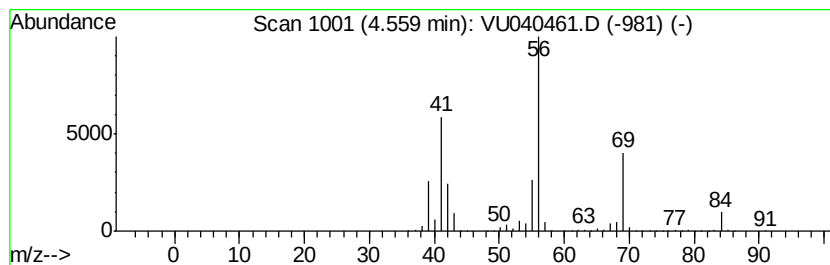
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic4.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	94.23 ug/L	57308900	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

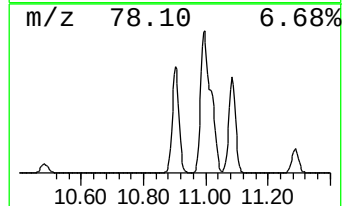
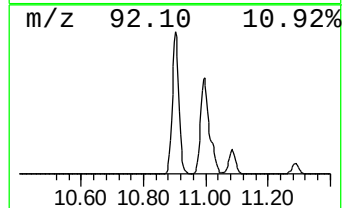
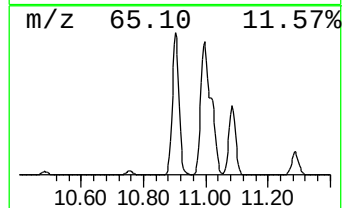
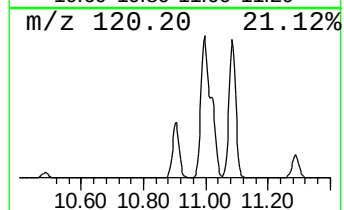
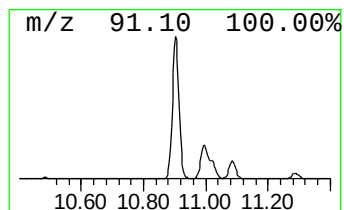
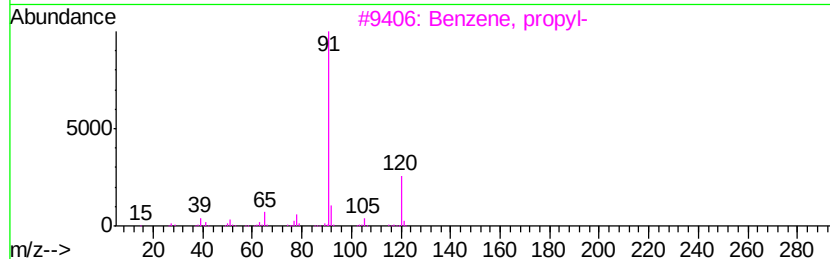
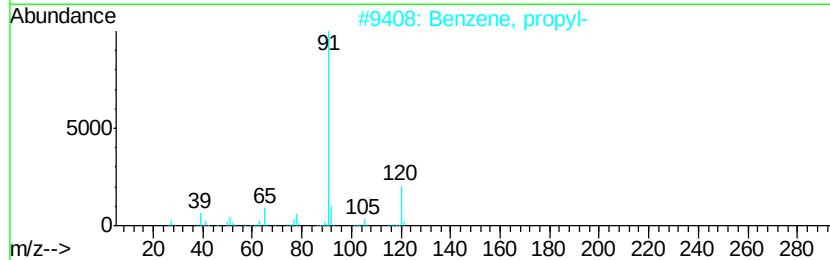
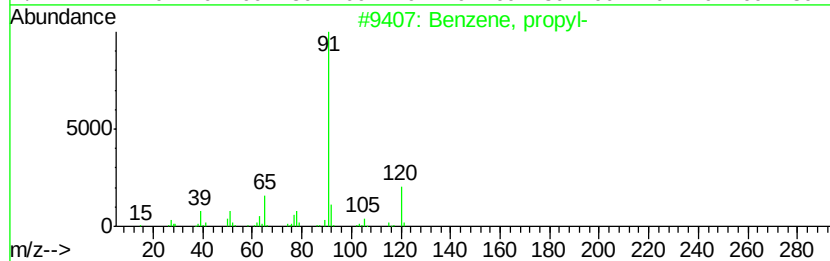
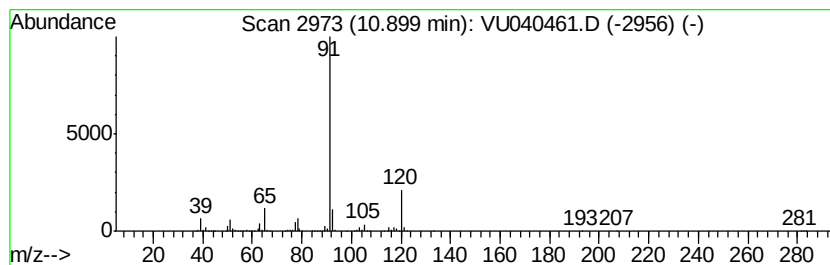
Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

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 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	1.90 ug/L	1499050	1,4-Dichlorobenzene-d4	11.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 93
2		Benzene, propyl-	120 C9H12	000103-65-1 90
3		Benzene, propyl-	120 C9H12	000103-65-1 86
4		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 78
5		Phenethylamine, N-benzyl-p-chloro-	245 C15H16ClN	013622-43-0 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

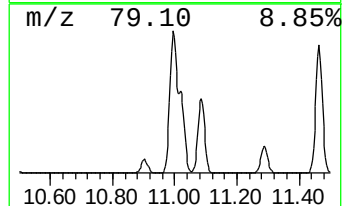
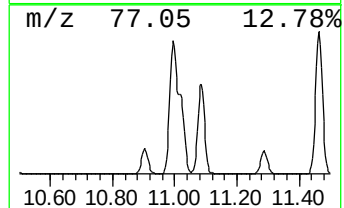
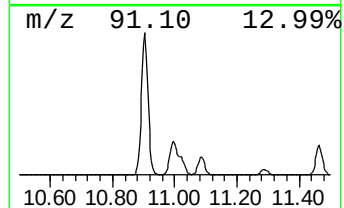
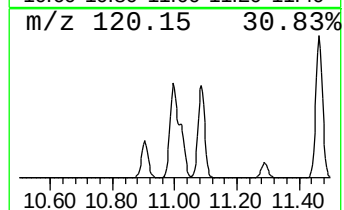
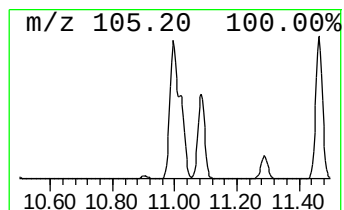
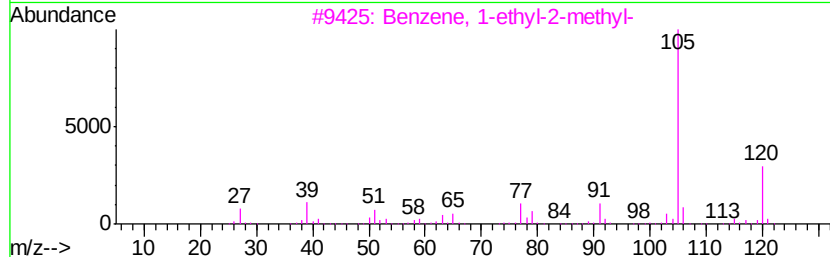
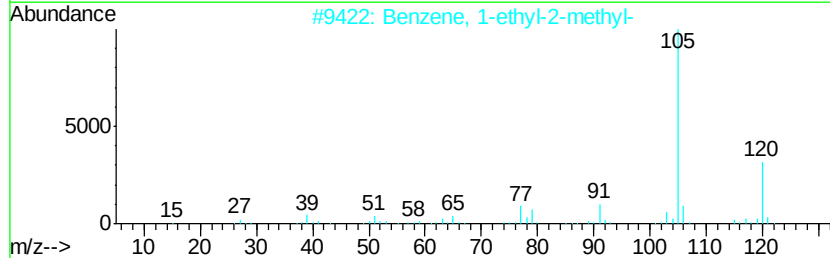
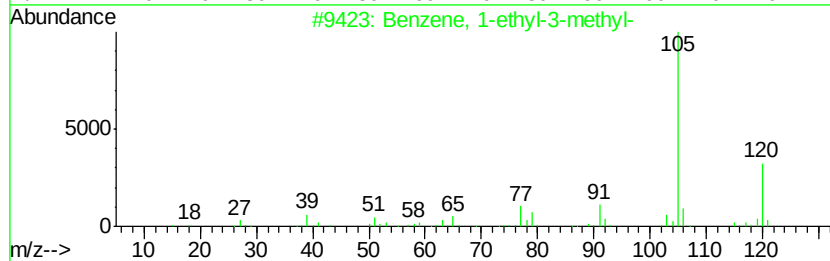
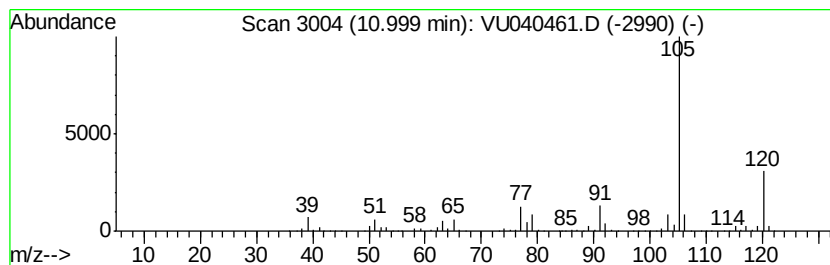
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	5.00 ug/L	3938790	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

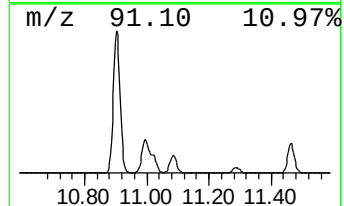
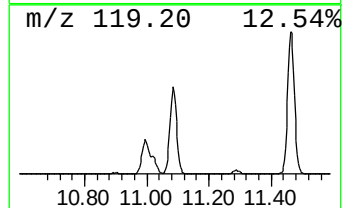
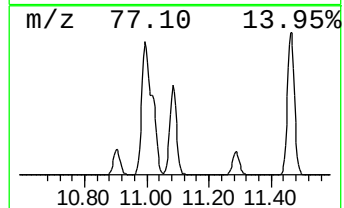
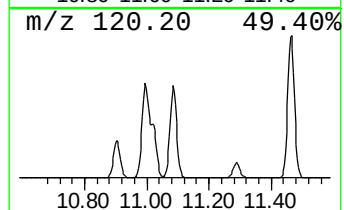
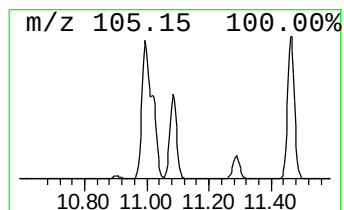
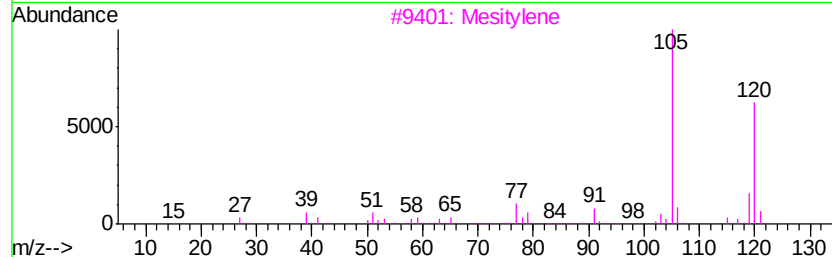
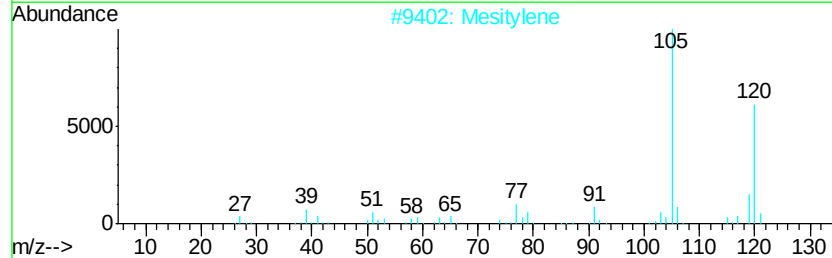
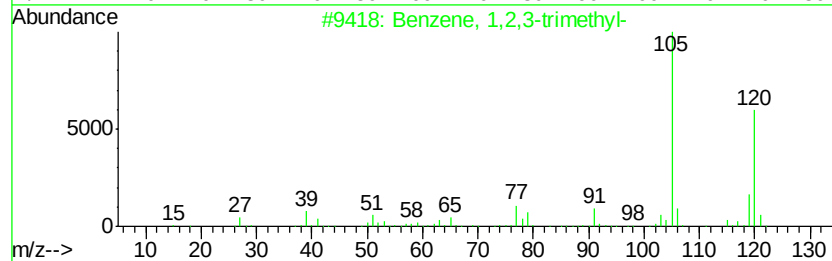
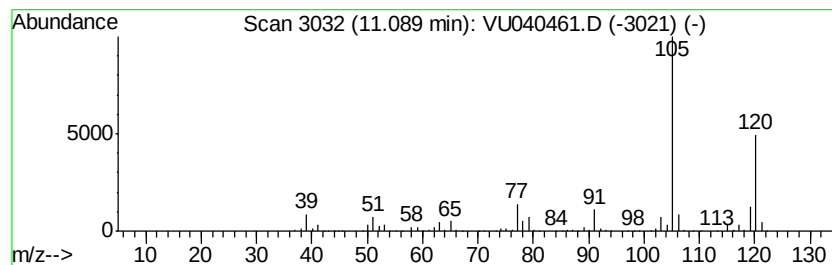
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	3.03 ug/L	2384420	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	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Mesitylene	120	C9H12	000108-67-8	95
4		Mesitylene	120	C9H12	000108-67-8	94
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

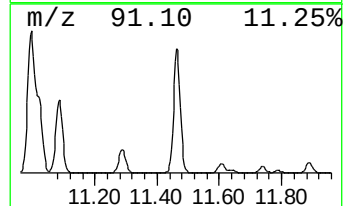
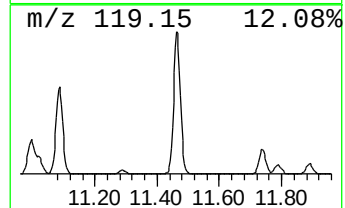
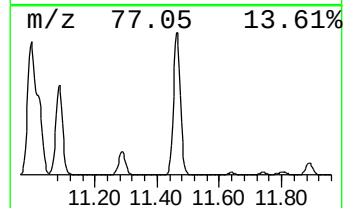
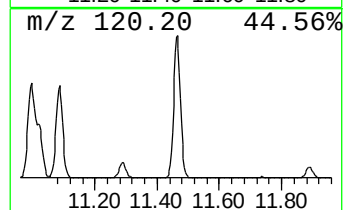
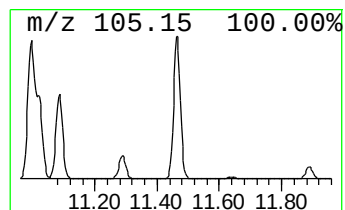
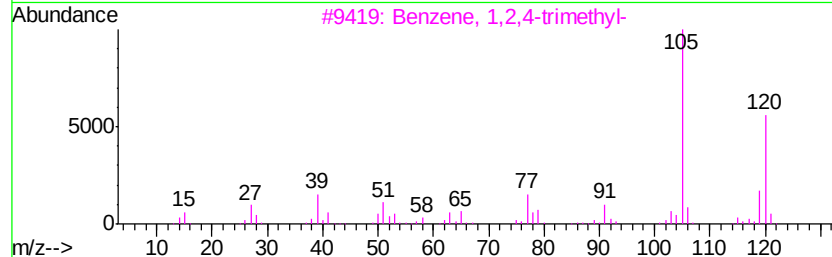
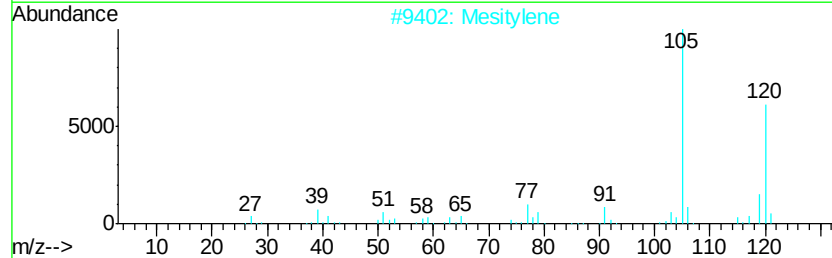
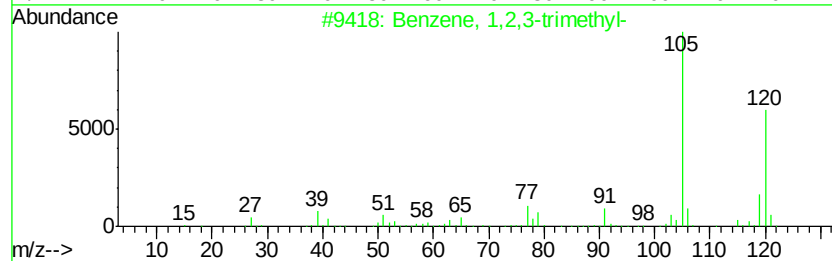
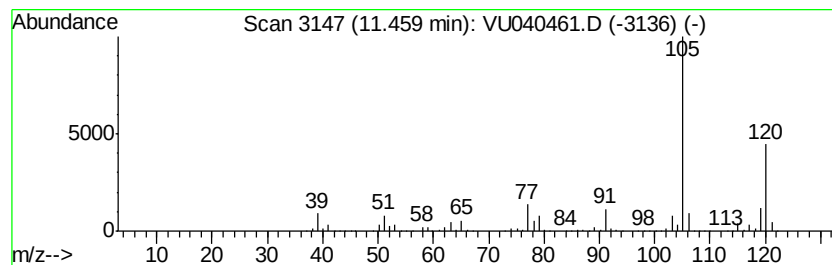
Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

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 9 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.46	5.00 ug/L	3937860	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040461.D
Acq On : 02 Oct 2020 15:19
Operator : SY/MD
Sample : L4240-08DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.10	68.2	ug/L	41476400	1	6.26	3041050	5.0
(DEL) Alkane: Str...	3.38	100.6	ug/L	61204200	1	6.26	3041050	5.0
(DEL) Alkane: Str...	3.74	188.7	ug/L	114765000	1	6.26	3041050	5.0
(DEL) Alkane: Str...	4.32	2.9	ug/L	1747290	1	6.26	3041050	5.0
(DEL) Alkane: Cyc...	4.56	94.2	ug/L	57308900	1	6.26	3041050	5.0
Benzene, propyl-	10.90	1.9	ug/L	1499050	3	11.81	3937860	5.0
Benzene, 1-ethyl-...	11.00	5.0	ug/L	3938790	3	11.81	3937860	5.0
Benzene, 1,2,3-tr...	11.09	3.0	ug/L	2384420	3	11.81	3937860	5.0
Mesitylene	11.46	5.0	ug/L	3937860	3	11.81	3937860	5.0