

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
 Data File : VU040443.D
 Acq On : 02 Oct 2020 00:33
 Operator : SY/MD
 Sample : L4240-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T4

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	1.530	43	59	62	rBV2	32176	80407	11.21%	1.471%
2	1.604	77	82	94	rVB	42375	50551	7.05%	0.925%
3	1.922	175	181	192	rVB	39474	50211	7.00%	0.919%
4	2.581	374	386	401	rBV	72539	121250	16.91%	2.219%
5	3.060	522	535	537	rBV3	4978	7202	1.00%	0.132%
6	3.099	537	547	561	rVB2	28492	58751	8.19%	1.075%
7	3.379	619	634	652	rVB	50902	112178	15.65%	2.053%
8	3.719	716	740	760	rBV2	108462	241701	33.71%	4.423%
9	4.314	909	925	939	rVB2	5637	13623	1.90%	0.249%
10	4.459	951	970	983	rBV5	5094	13446	1.88%	0.246%
11	4.555	984	1000	1015	rVB4	24015	57176	7.97%	1.046%
12	4.658	1015	1032	1070	rBV	90157	309091	43.11%	5.656%
13	4.832	1074	1086	1102	rVB3	12109	30779	4.29%	0.563%
14	5.083	1149	1164	1185	rVB2	86596	192858	26.90%	3.529%
15	5.742	1346	1369	1389	rBV2	159732	427439	59.62%	7.821%
16	6.263	1516	1531	1548	rBV	191233	358165	49.95%	6.554%
17	6.703	1654	1668	1682	rBV	114283	217543	30.34%	3.980%
18	7.575	1926	1939	1960	rBV2	52022	91840	12.81%	1.680%
19	7.906	2029	2042	2056	rBV	172816	297634	41.51%	5.446%
20	7.977	2056	2064	2074	rVB	4894	7938	1.11%	0.145%
21	8.186	2118	2129	2148	rVB	35557	60156	8.39%	1.101%
22	8.642	2256	2271	2296	rBV	389380	716988	100.00%	13.119%
23	9.420	2499	2513	2536	rBV	270871	465733	64.96%	8.522%
24	9.690	2588	2597	2612	rVB4	5951	9676	1.35%	0.177%
25	10.755	2917	2928	2943	rVB	101786	161158	22.48%	2.949%
26	10.902	2962	2974	2989	rVB2	14995	24212	3.38%	0.443%
27	10.996	2989	3003	3020	rVV	52499	112727	15.72%	2.063%
28	11.086	3021	3031	3042	rVB2	23050	34826	4.86%	0.637%
29	11.230	3066	3076	3085	rBV3	12221	19029	2.65%	0.348%
30	11.288	3085	3094	3106	rVB	25363	38082	5.31%	0.697%
31	11.462	3138	3148	3164	rVB	51113	78590	10.96%	1.438%
32	11.806	3243	3255	3271	rVB	283060	449509	62.69%	8.225%
33	11.890	3271	3281	3291	rBV	26834	38646	5.39%	0.707%
34	12.089	3334	3343	3348	rBV3	10477	15963	2.23%	0.292%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

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

35	12.118	3348	3352	3361	rVB	8633	11354	1.58%	0.208%
36	12.185	3361	3373	3387	rVB	233687	382126	53.30%	6.992%
37	12.562	3479	3490	3500	rBV2	10335	14277	1.99%	0.261%
38	12.873	3577	3587	3596	rVB7	5230	8291	1.16%	0.152%
39	13.443	3756	3764	3778	rBV5	7169	11966	1.67%	0.219%
40	13.828	3875	3884	3898	rVB2	31580	47856	6.67%	0.876%
41	14.076	3954	3961	3971	rVB2	6736	10631	1.48%	0.195%
42	14.317	4028	4036	4048	rBV2	9686	13644	1.90%	0.250%

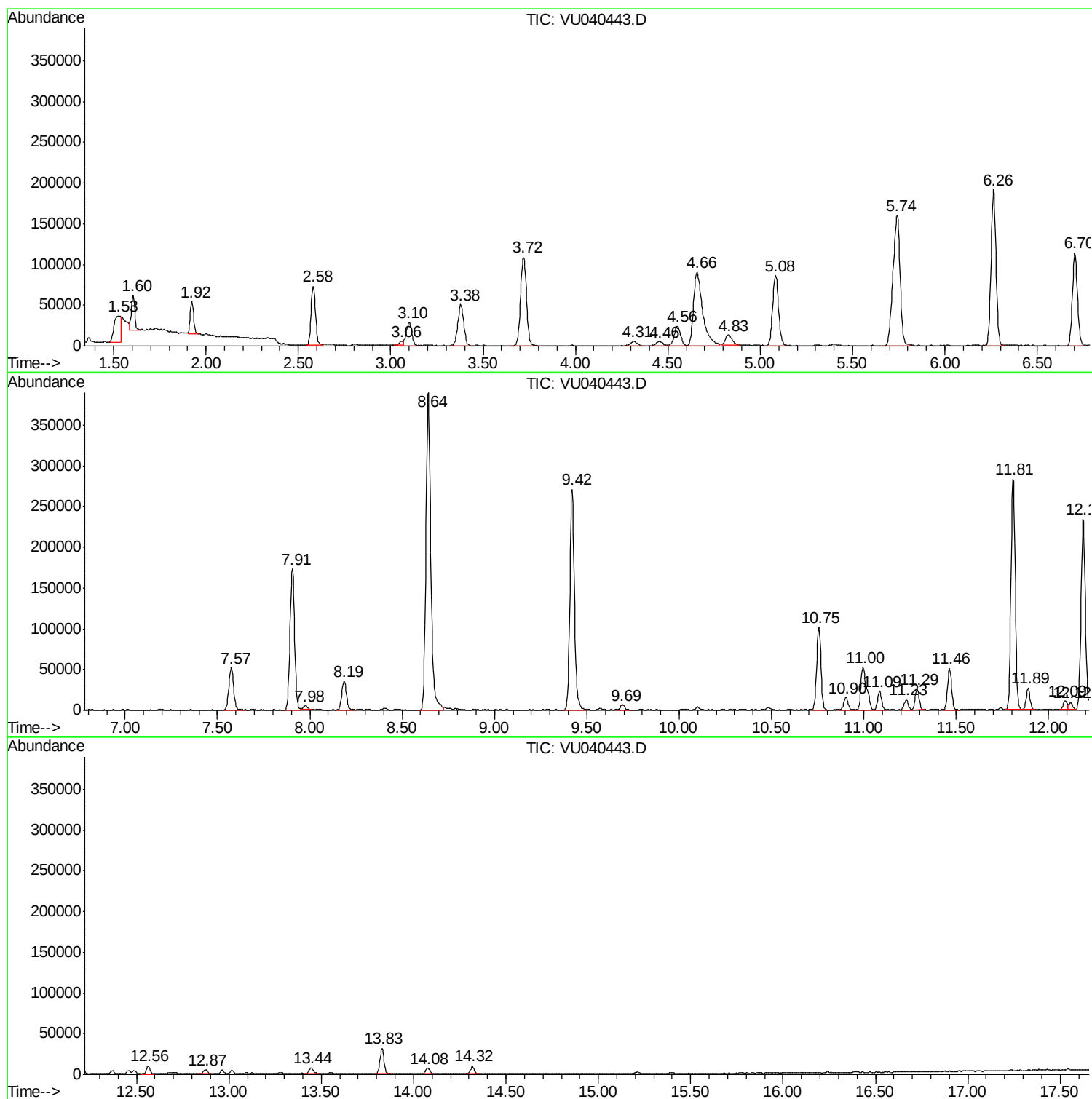
Sum of corrected areas: 5465223

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

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\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

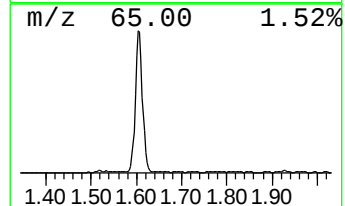
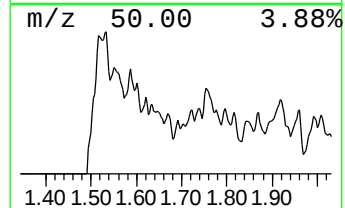
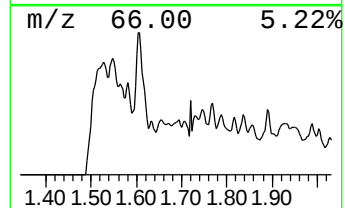
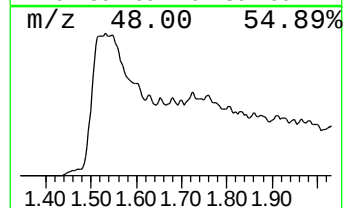
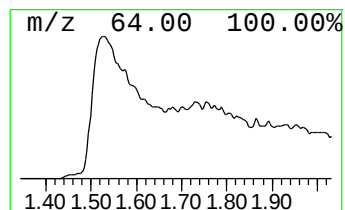
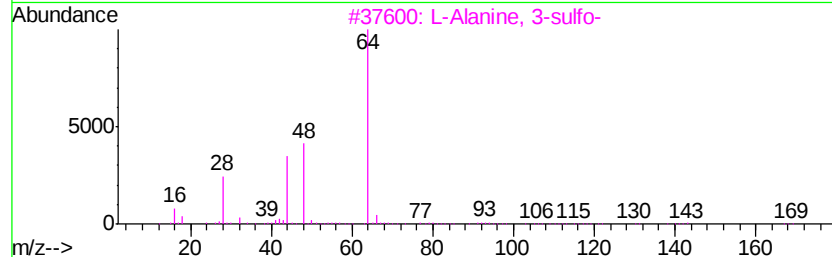
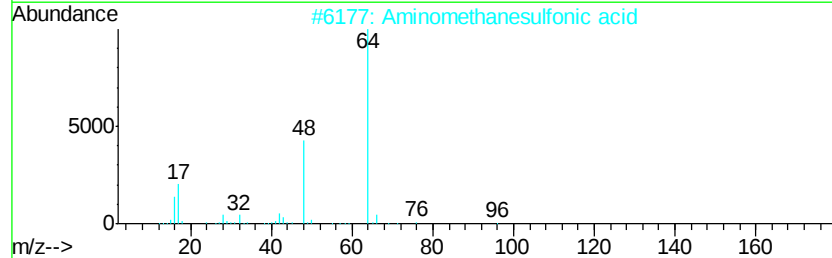
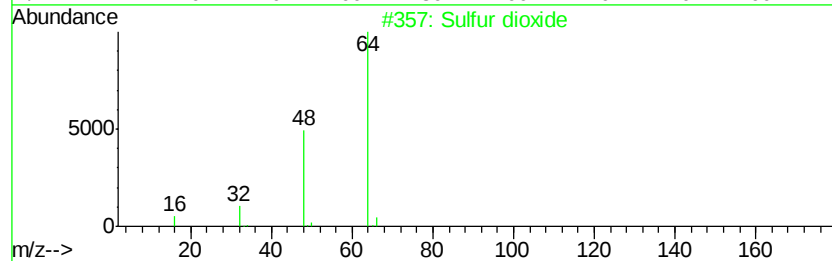
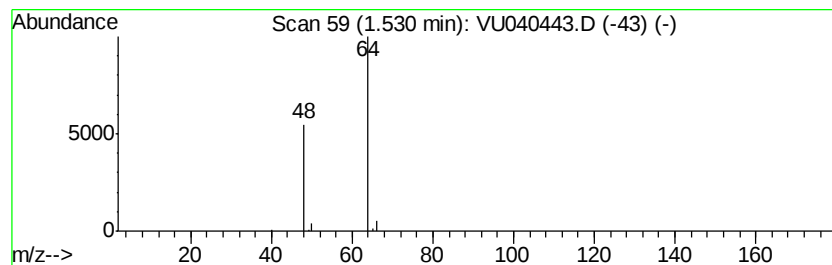
Instrument :
MSVOA_U
ClientSampleId :
BG3T4

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 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.53	1.12 ug/L	80407	1,4-Difluorobenzene	6.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 02S	007446-09-5 83
2		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 74
3		L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8 9
4		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 9
5		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

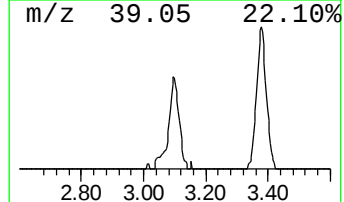
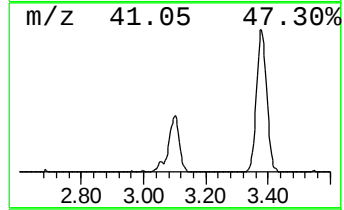
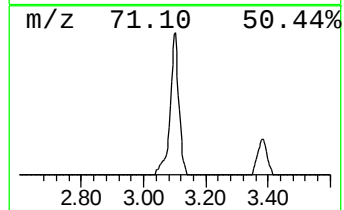
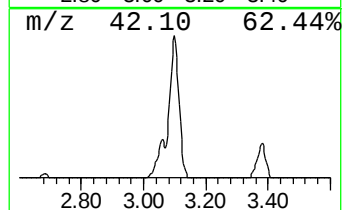
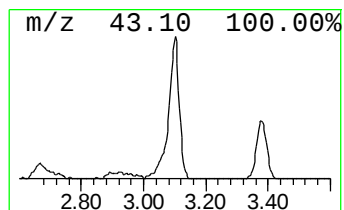
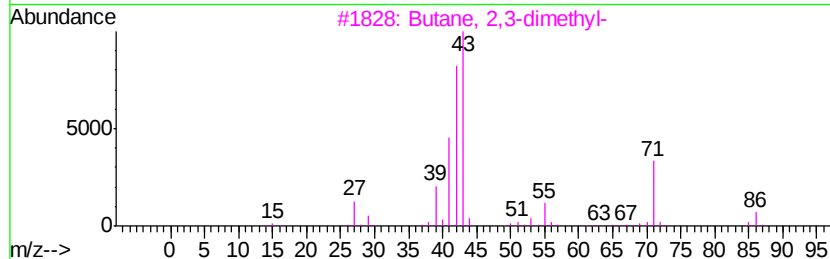
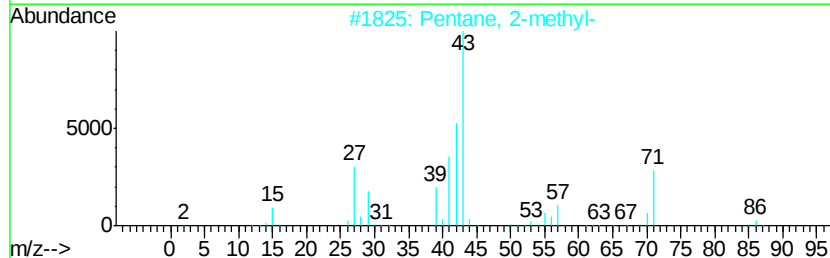
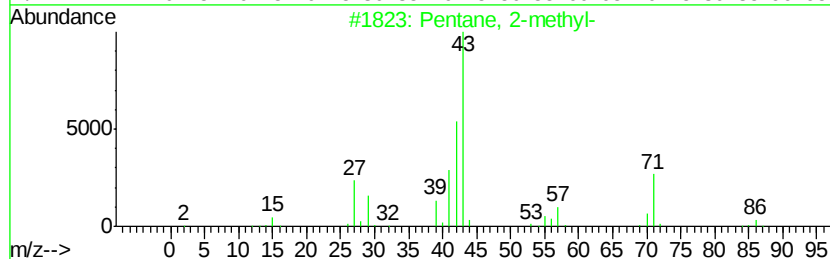
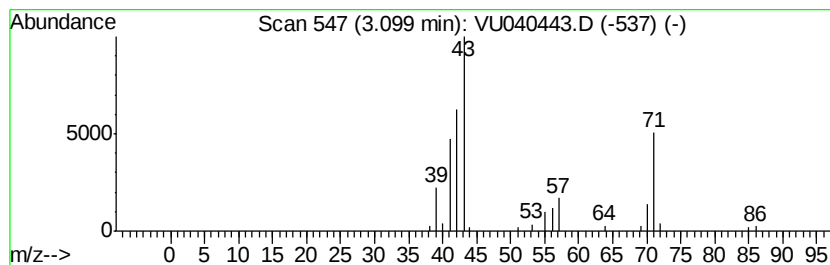
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	0.82 ug/L	58751	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	74
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	45
4			Pentane	72	C5H12	000109-66-0	43
5			1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

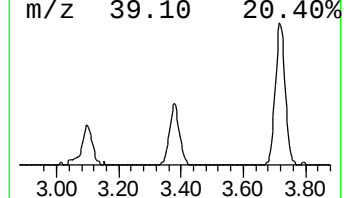
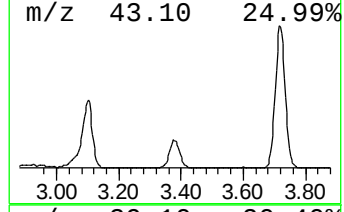
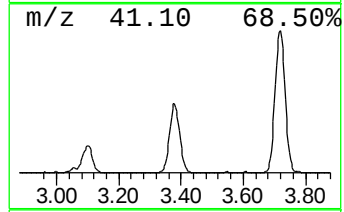
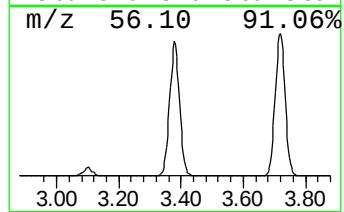
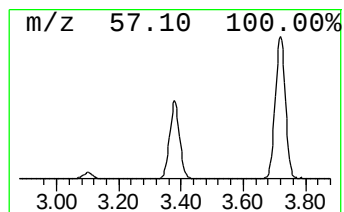
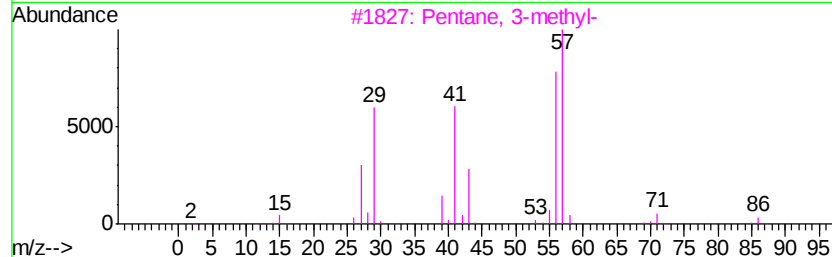
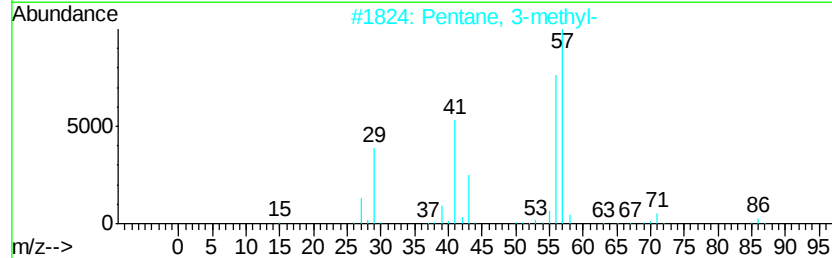
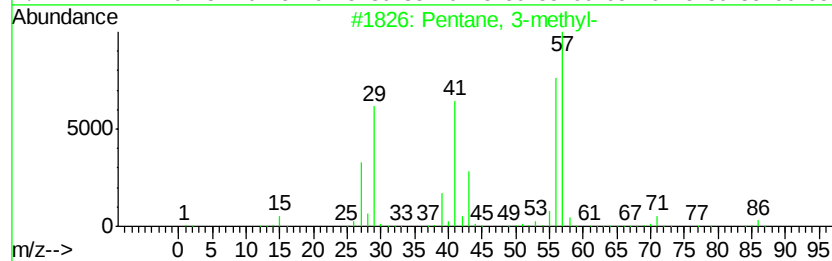
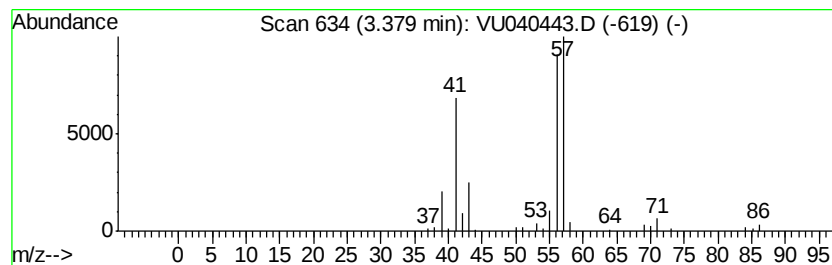
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	1.57 ug/L	112178	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	90
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

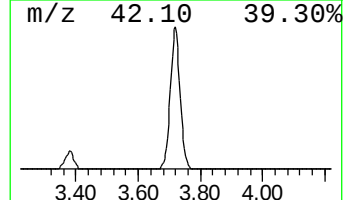
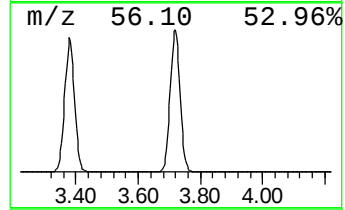
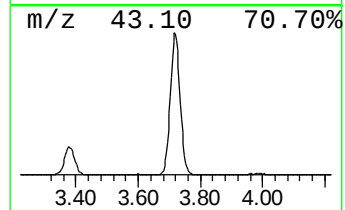
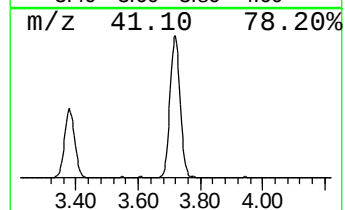
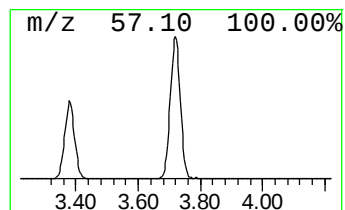
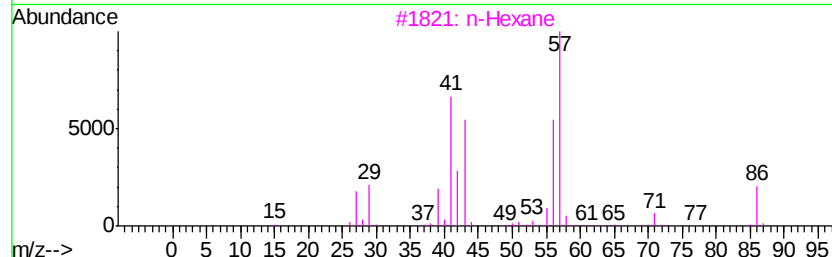
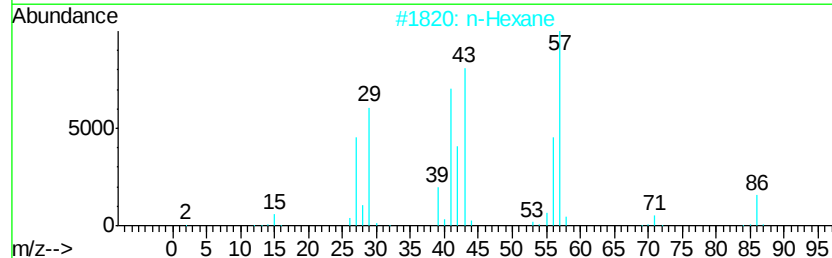
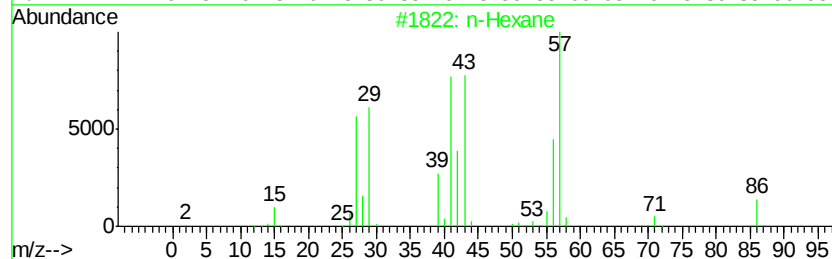
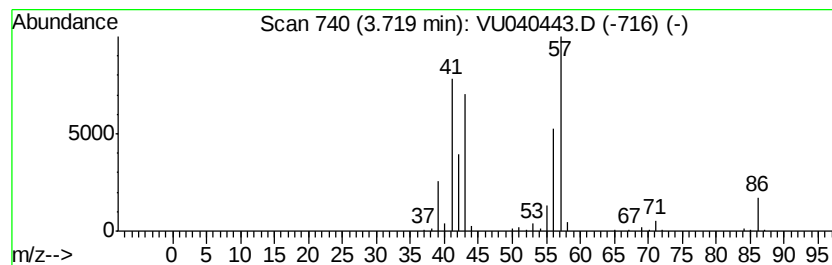
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	3.37 ug/L	241701	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	90
3		n-Hexane	86	C6H14	000110-54-3	83
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	47
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

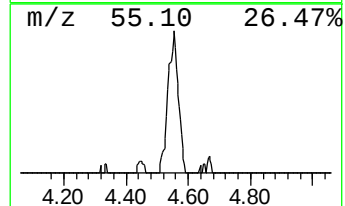
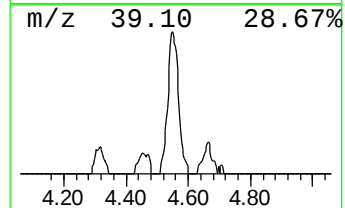
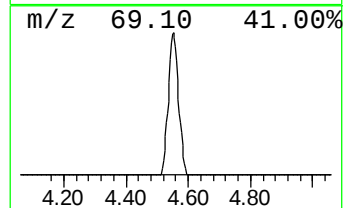
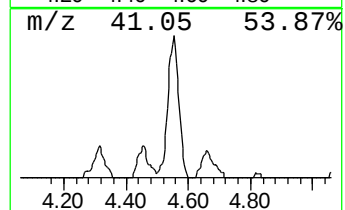
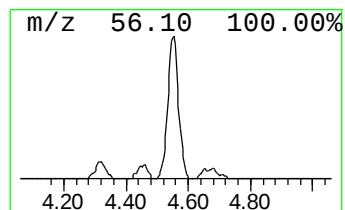
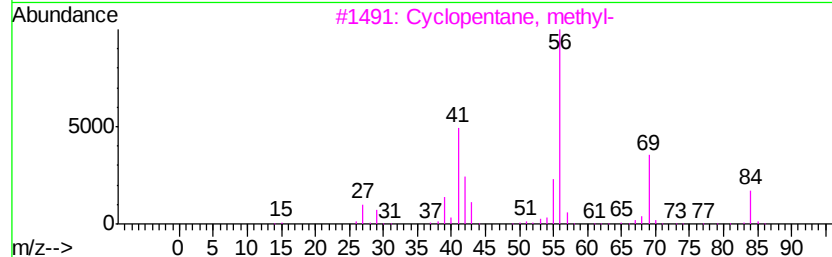
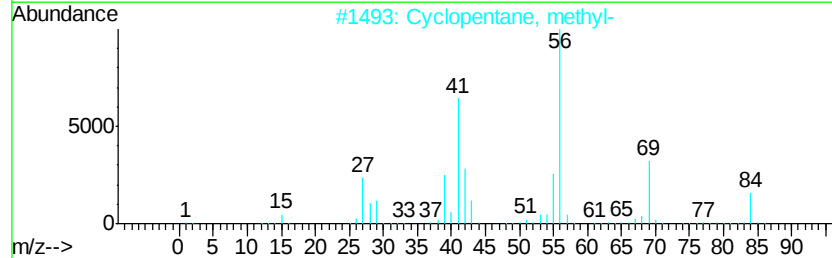
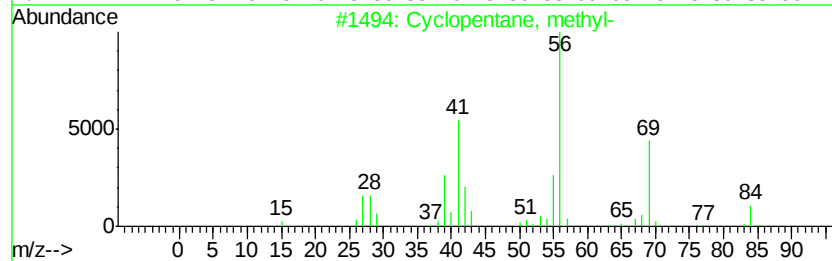
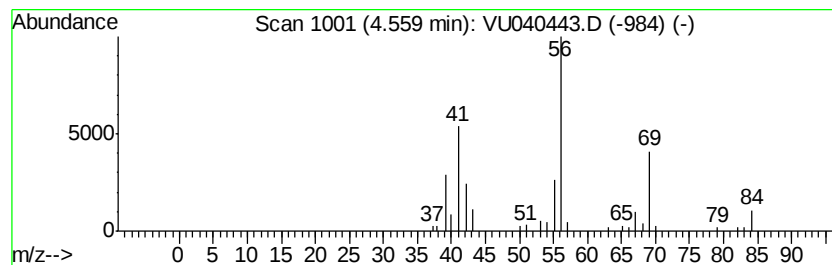
Instrument :
MSVOA_U
ClientSampleId :
BG3T4

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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.56	0.80 ug/L	57176	1,4-Difluorobenzene	6.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cvclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cvclopentane, methyl-	84	C6H12	000096-37-7	78
4	Propane, 2-cvclopropyl-	84	C6H12	003638-35-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

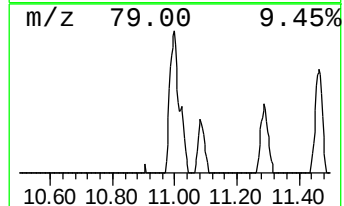
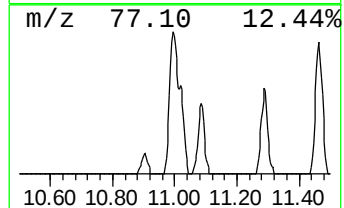
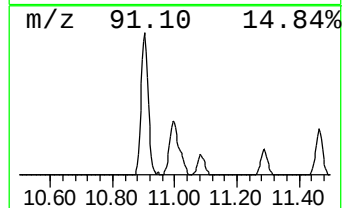
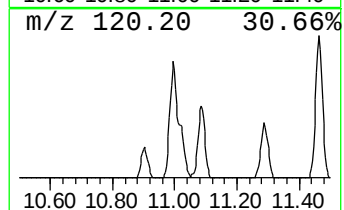
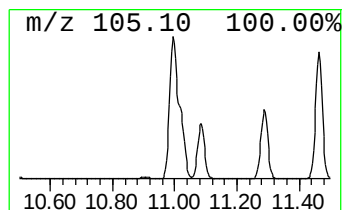
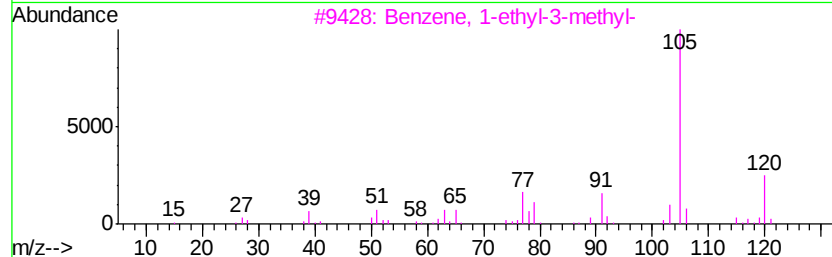
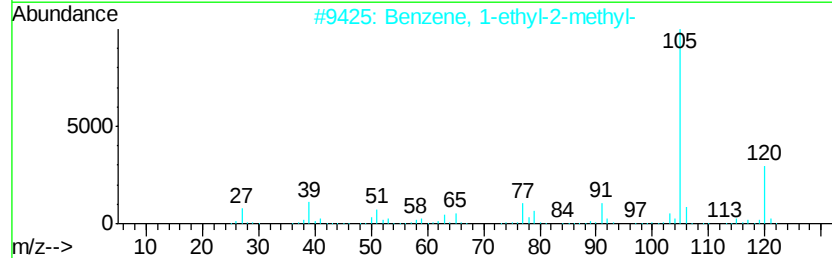
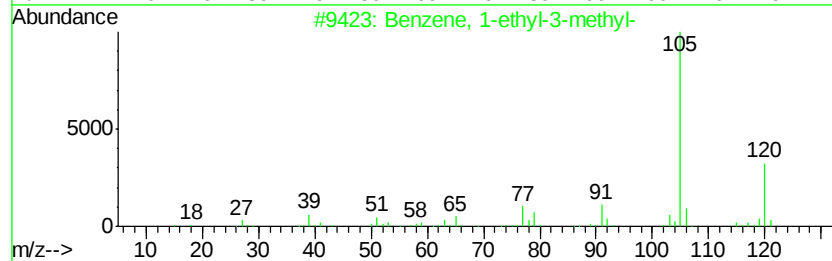
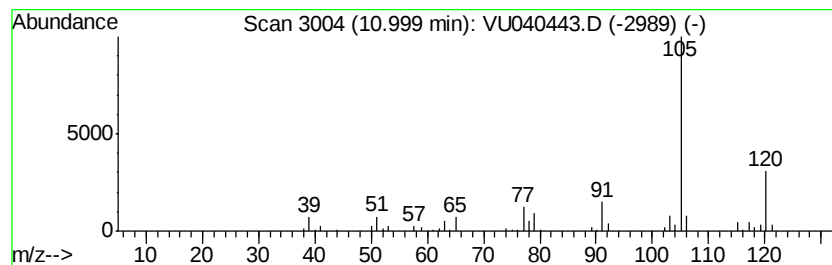
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	1.25 ug/L	112727	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	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

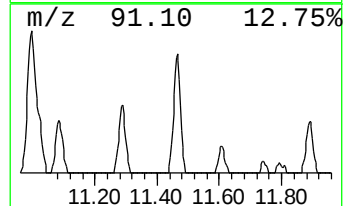
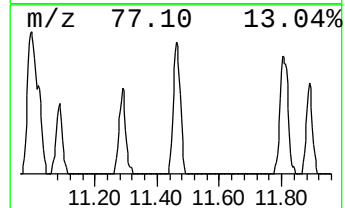
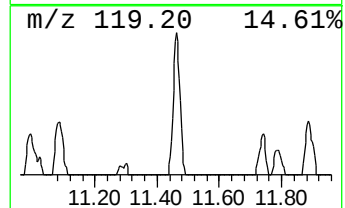
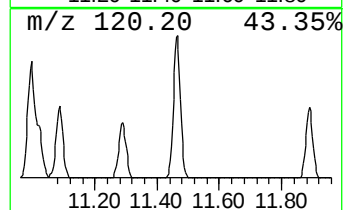
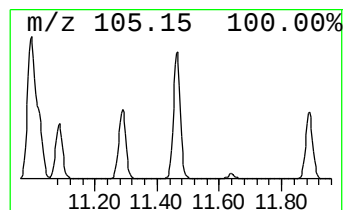
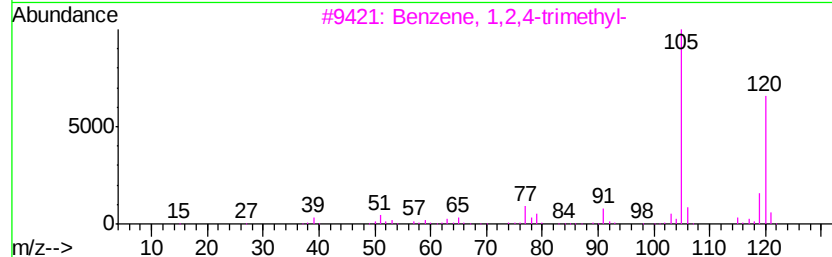
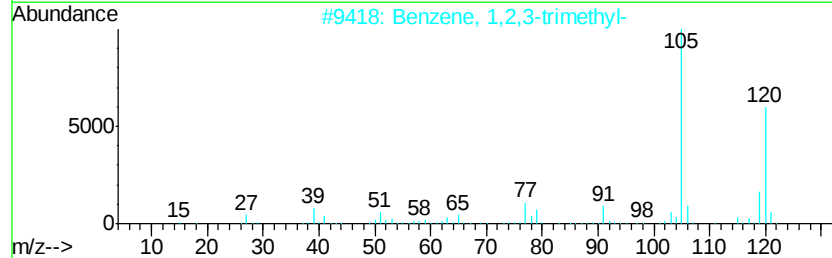
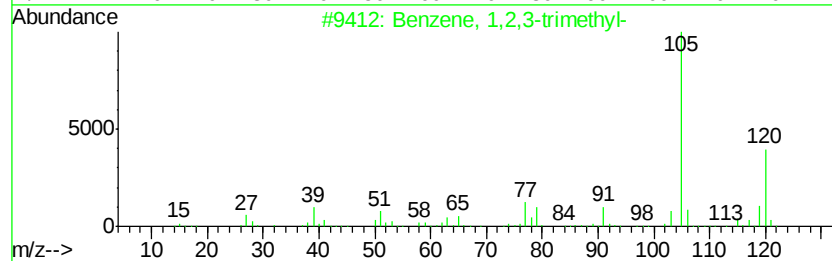
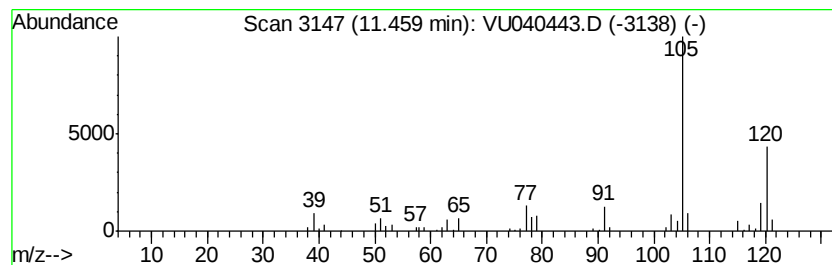
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	0.87 ug/L	78590	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		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040443.D
Acq On : 02 Oct 2020 00:33
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

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
Sulfur dioxide	1.53	1.1	ug/L	80407	1	6.26	358165	5.0
(DEL) Alkane: Str...	3.10	0.8	ug/L	58751	1	6.26	358165	5.0
(DEL) Alkane: Str...	3.38	1.6	ug/L	112178	1	6.26	358165	5.0
(DEL) Alkane: Str...	3.72	3.4	ug/L	241701	1	6.26	358165	5.0
(DEL) Alkane: Cyc...	4.56	0.8	ug/L	57176	1	6.26	358165	5.0
Benzene, 1-ethyl-...	11.00	1.3	ug/L	112727	3	11.81	449509	5.0
Benzene, 1,2,3-tr...	11.46	0.9	ug/L	78590	3	11.81	449509	5.0