

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014720.D
 Acq On : 27 Jan 2020 12:48
 Operator : JC/SP
 Sample : L1264-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CTY-GW-01-12

Quant Time: Jan 28 04:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

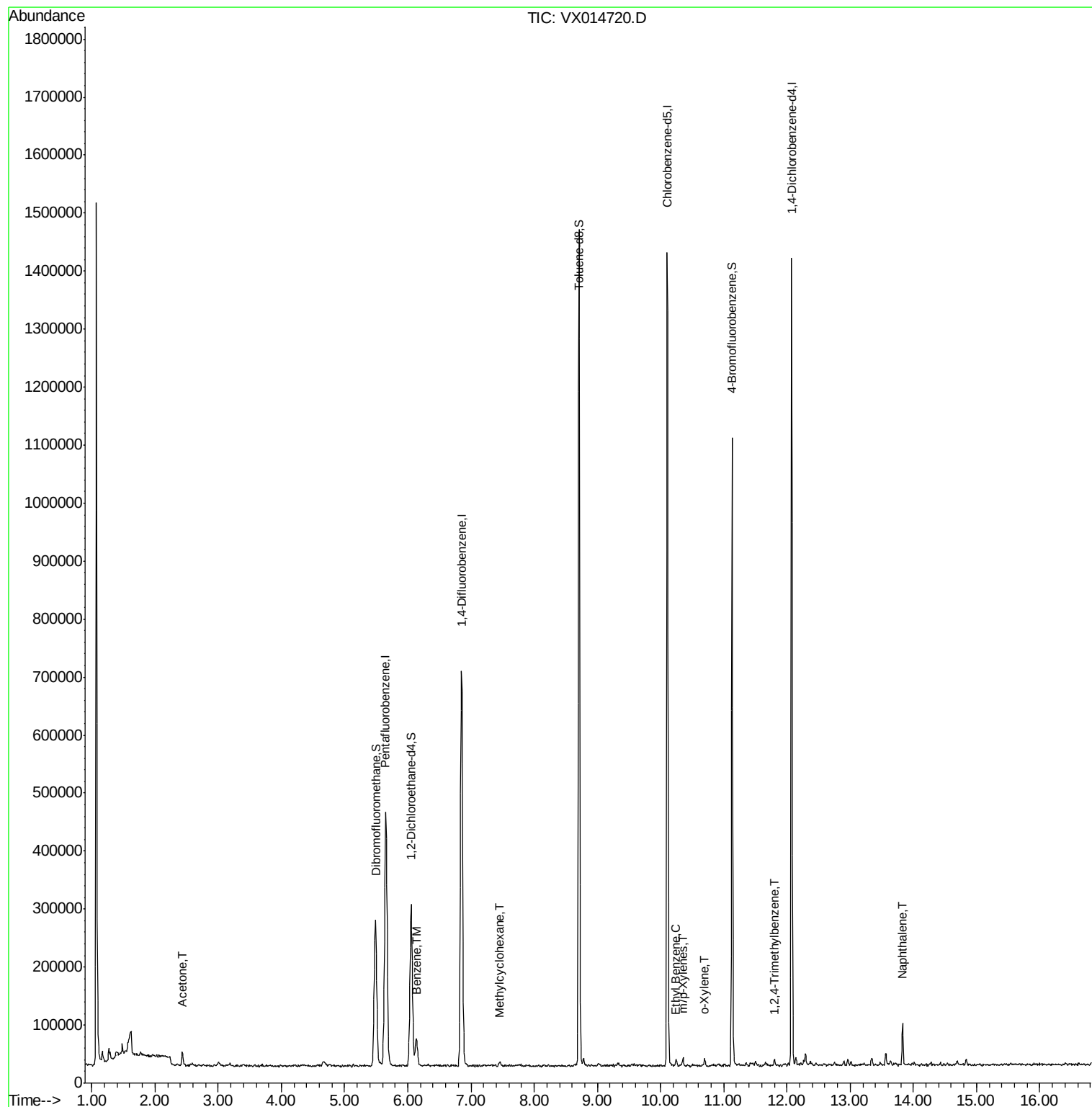
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	450810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	703626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	258512	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.49	113	217269	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	844857	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	283040	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	22182	7.834	ug/l	95
39) Methylcyclohexane	7.46	83	3236	0.395	ug/l	90
40) Benzene	6.14	78	58584	2.900	ug/l	98
67) Ethyl Benzene	10.25	91	7415	0.315	ug/l	98
68) m/p-Xylenes	10.35	106	4750	0.533	ug/l	78
69) o-Xylene	10.70	106	3381	0.393	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	6620	0.385	ug/l	95
95) Naphthalene	13.83	128	44505	3.051	ug/l	99

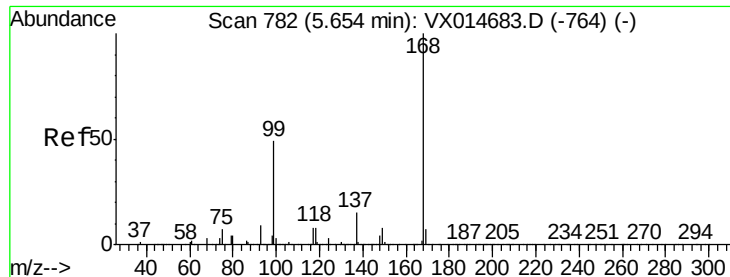
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012720\
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Instrument :
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ClientSampleId :
CTY-GW-01-12

Quant Time: Jan 28 04:40:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014720.D

Acq: 27 Jan 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

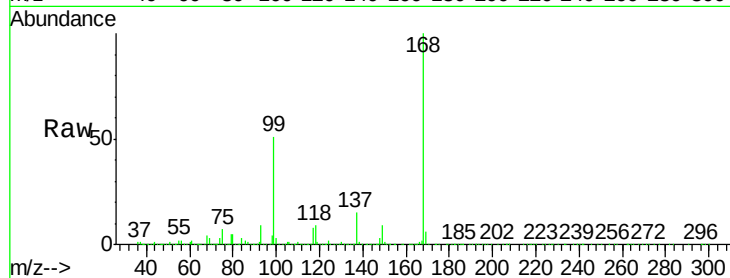
CTY-GW-01-12

Tot Ion:168 Resp: 450810

Ion Ratio Lower Upper

168 100

99 50.9 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

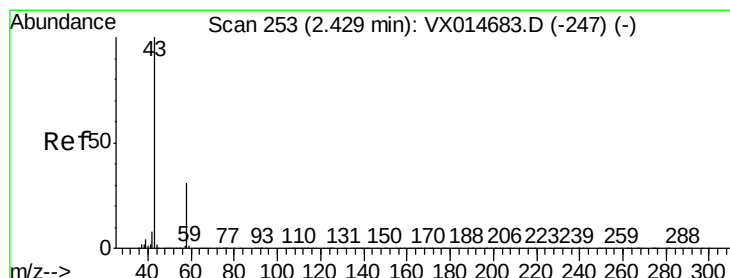
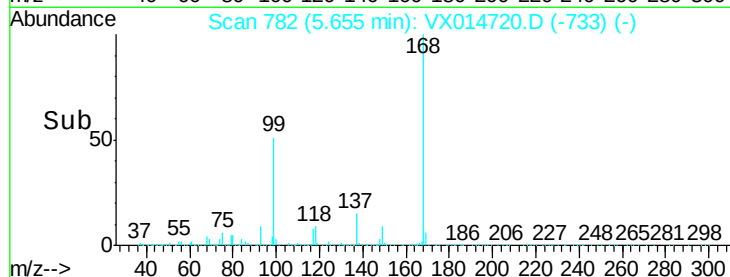
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.834 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014720.D

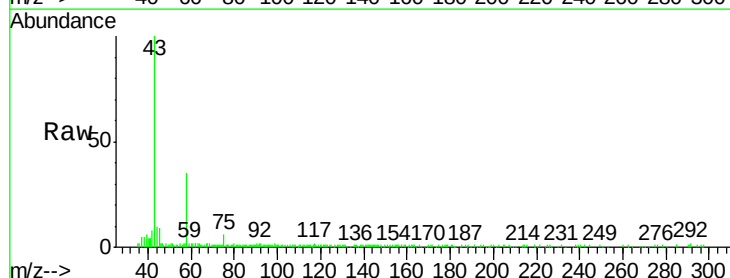
Acq: 27 Jan 2020 12:48

Tgt Ion: 43 Resp: 22182

Ion Ratio Lower Upper

43 100

58 33.5 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

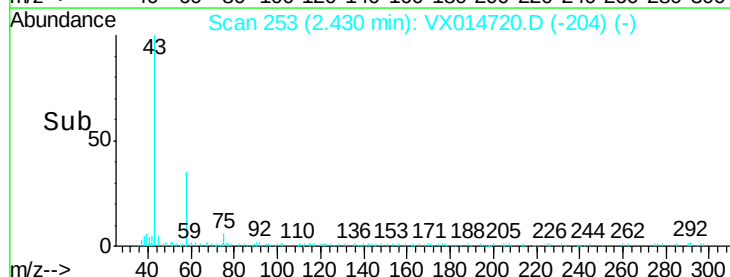
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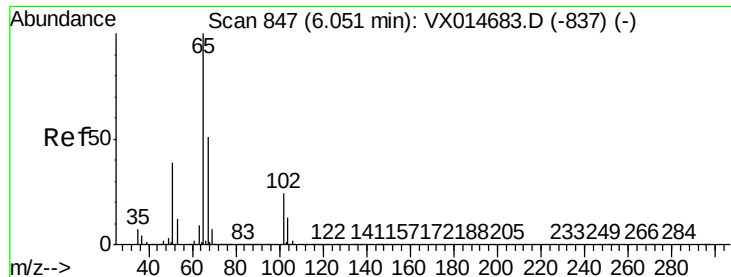
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5000

0

Time-->

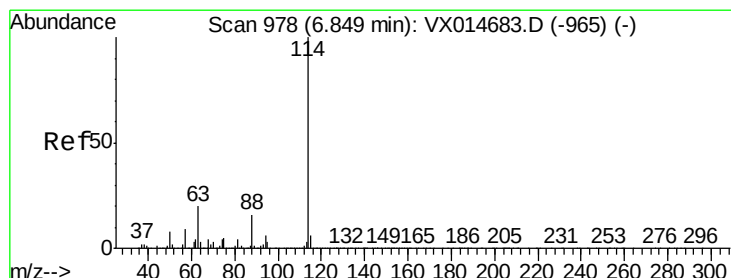
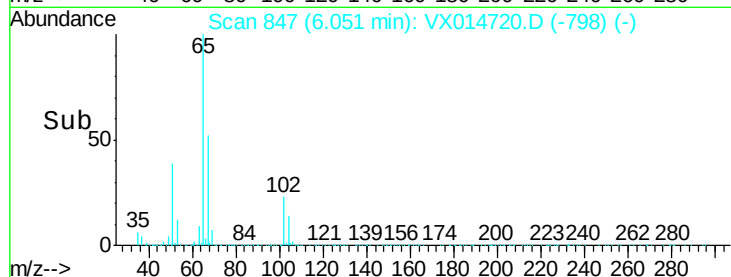
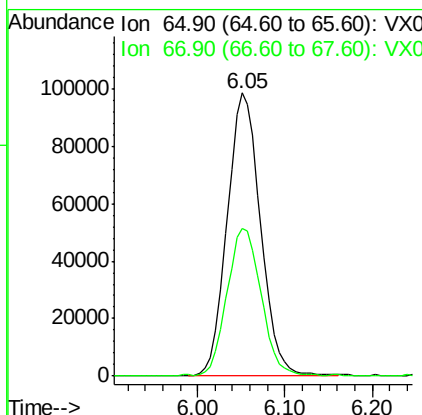
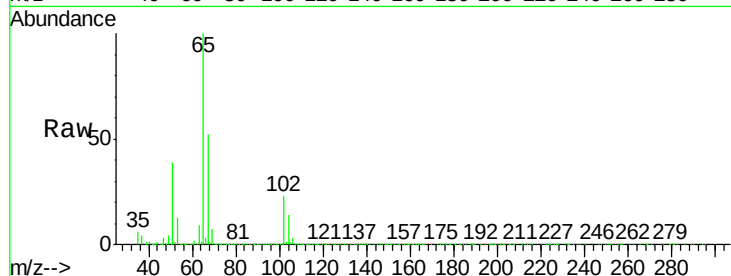




#33
 1,2-Dichloroethane-d4
 Concen: 49.106 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014720.D
 Acq: 27 Jan 2020 12:48

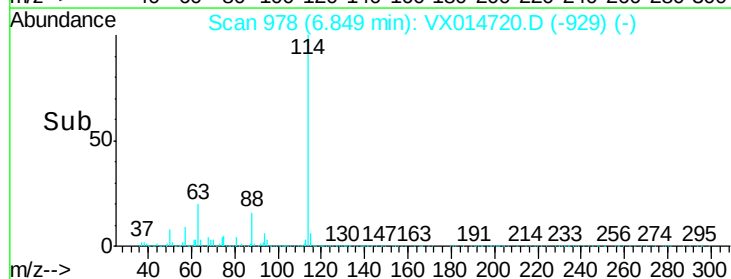
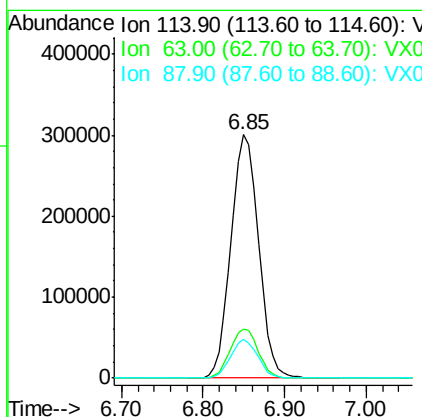
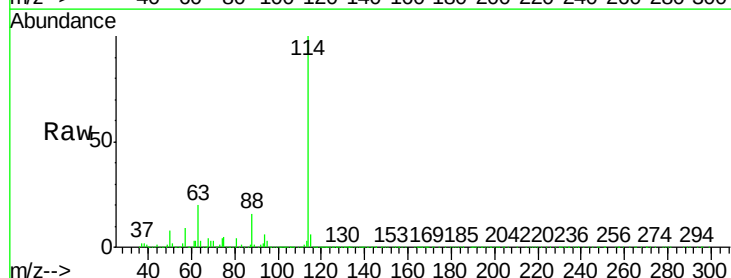
Instrument :
 MSVOA_X
 ClientSampleId :
 CTY-GW-01-12

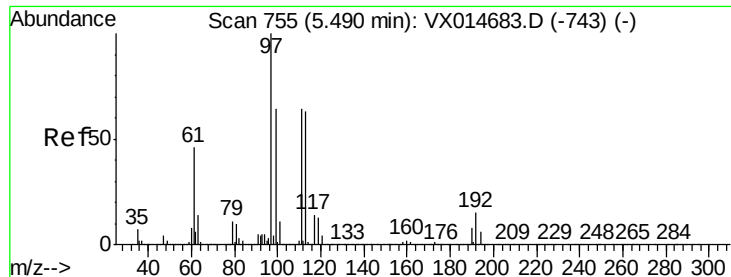
Tot Ion: 65 Resp: 258512
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014720.D
 Acq: 27 Jan 2020 12:48

Tgt Ion: 114 Resp: 703626
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.7 0.0 31.2

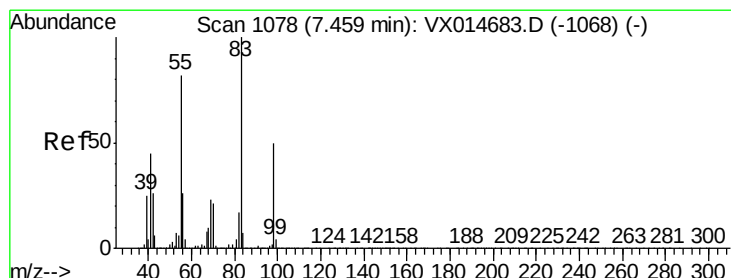
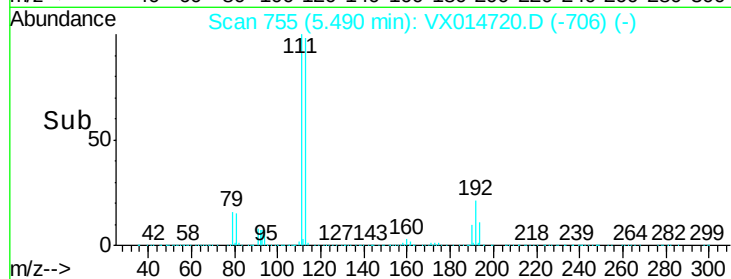
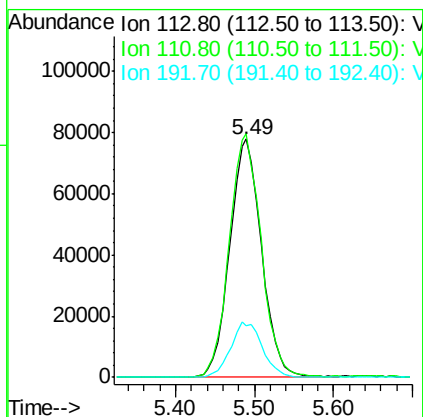
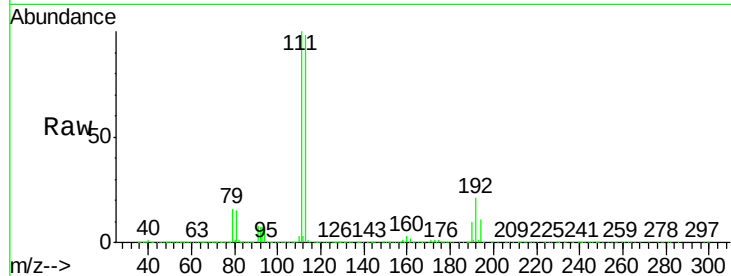




#35
Dibromofluoromethane
Concen: 48.936 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014720.D
Acq: 27 Jan 2020 12:48

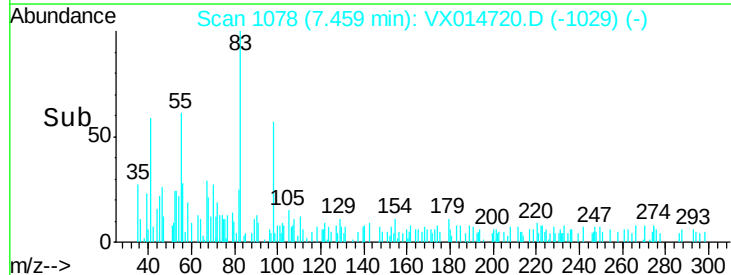
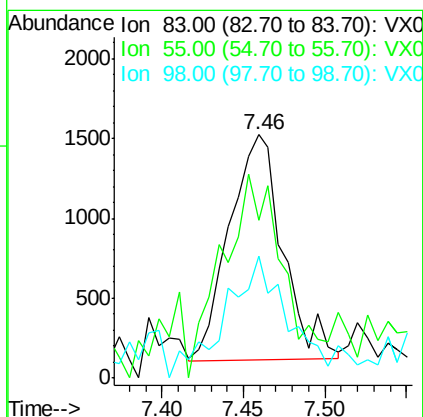
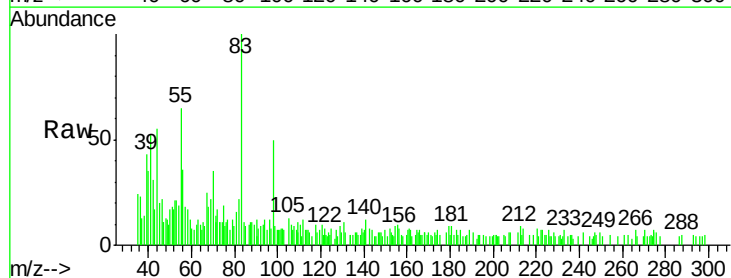
Instrument :
MSVOA_X
ClientSampleId :
CTY-GW-01-12

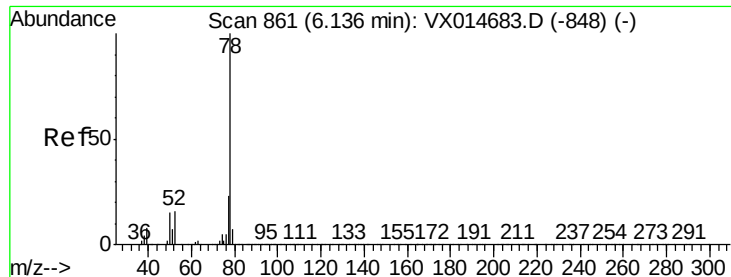
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.7	121.1
192	23.4	18.5	27.7



#39
Methylcyclohexane
Concen: 0.395 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014720.D
Acq: 27 Jan 2020 12:48

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.6	65.6	98.4
98	46.0	40.2	60.4





#40

Benzene

Concen: 2.900 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX014720.D

Acq: 27 Jan 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

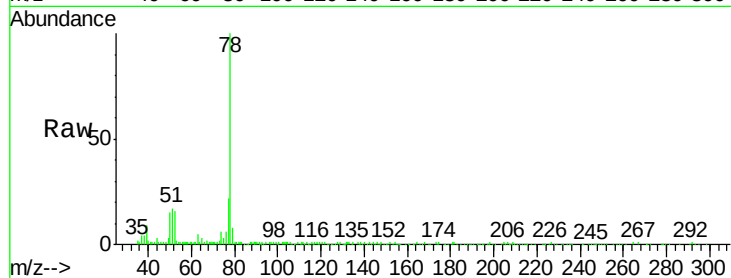
CTY-GW-01-12

Tot Ion: 78 Resp: 58584

Ion Ratio Lower Upper

78 100

77 22.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

25000

20000

15000

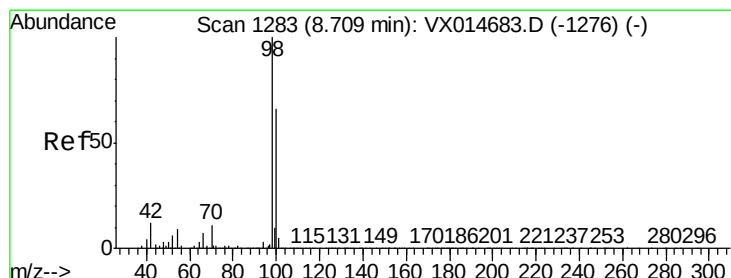
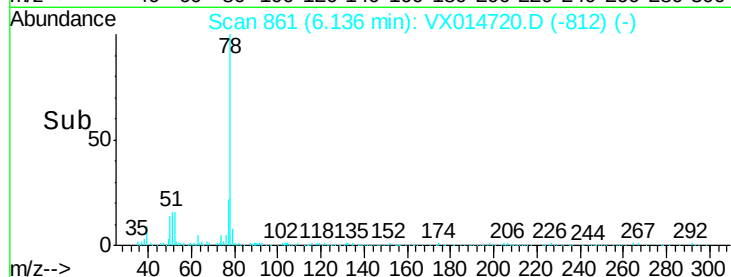
10000

5000

0

Time-->

6.00 6.10 6.20 6.30



#50

Toluene-d8

Concen: 49.498 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014720.D

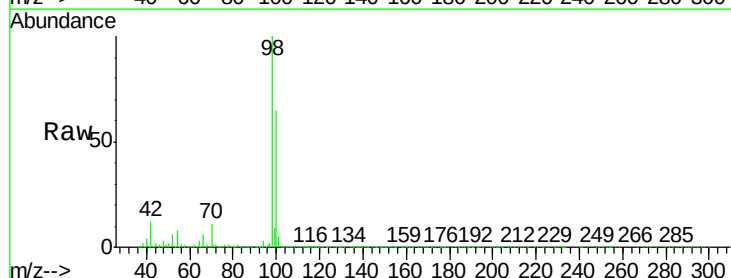
Acq: 27 Jan 2020 12:48

Tgt Ion: 98 Resp: 844857

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

600000

500000

400000

300000

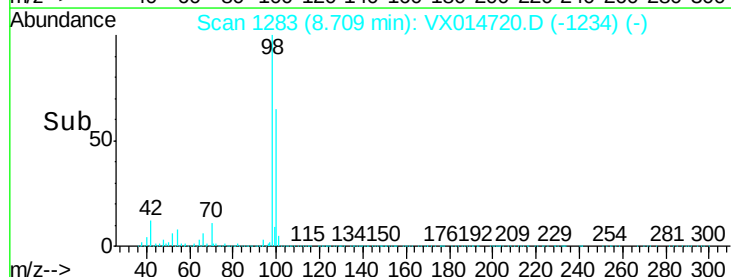
200000

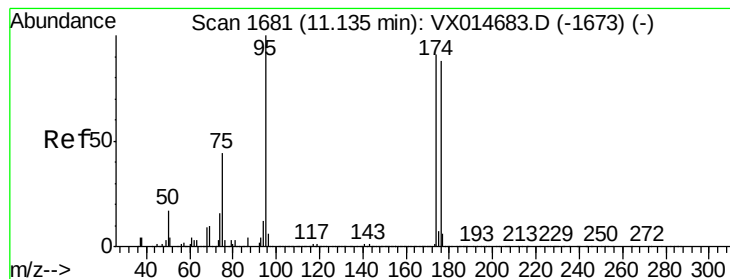
100000

0

Time-->

8.65 8.70 8.75 8.80





#62

4-Bromofluorobenzene

Concen: 46.551 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014720.D

Acq: 27 Jan 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

CTY-GW-01-12

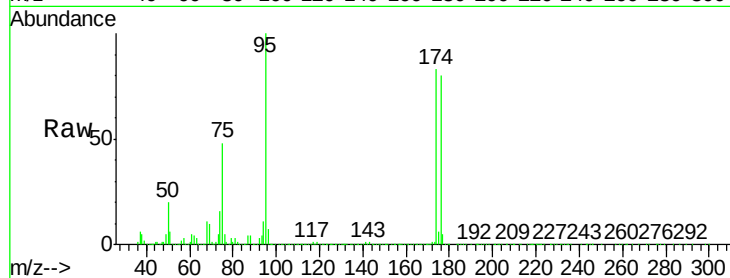
Tot Ion: 95 Resp: 283040

Ion Ratio Lower Upper

95 100

174 91.1 0.0 176.0

176 87.7 0.0 172.2

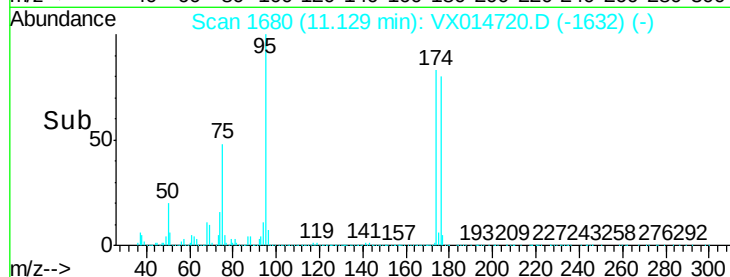


Abundance Ion 94.90 (94.60 to 95.60): VX014683.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014683.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014683.D (-1673) (-)

Time-->



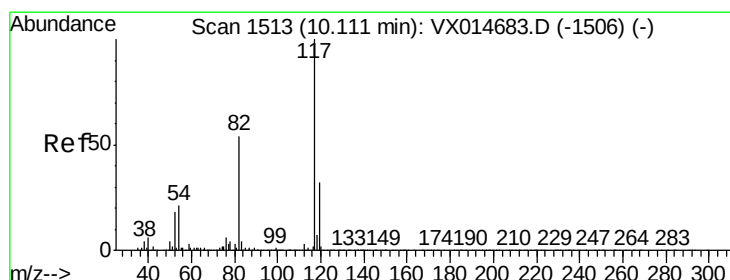
Abundance

Ion 94.90 (94.60 to 95.60): VX014720.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014720.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014720.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014720.D

Acq: 27 Jan 2020 12:48

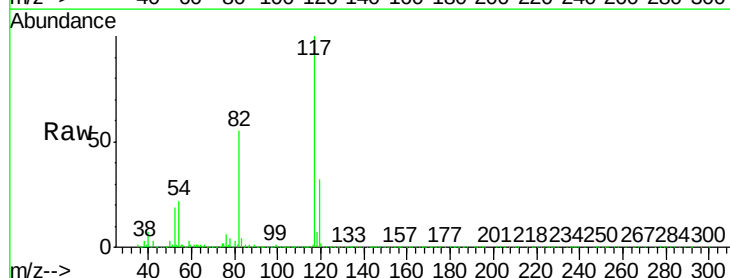
Tgt Ion: 117 Resp: 644174

Ion Ratio Lower Upper

117 100

82 55.3 43.2 64.8

119 31.9 25.8 38.6

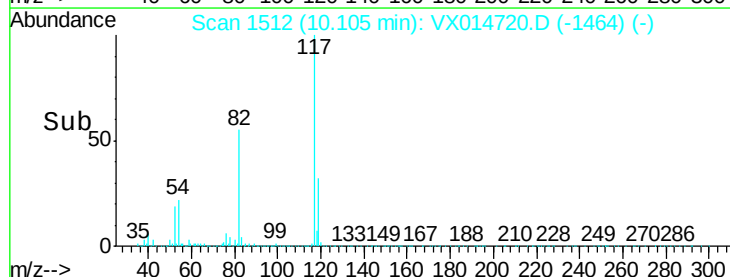


Abundance Ion 116.90 (116.60 to 117.60): VX014683.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX014683.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX014683.D (-1506) (-)

Time-->



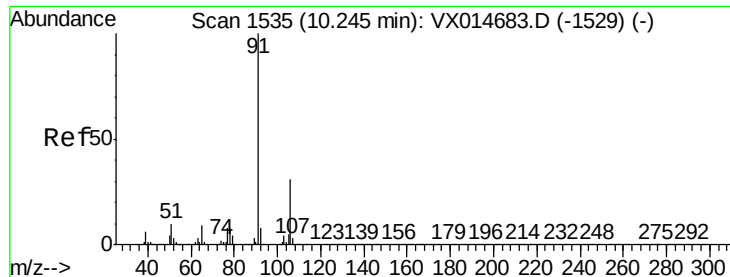
Abundance

Ion 116.90 (116.60 to 117.60): VX014720.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014720.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014720.D (-1464) (-)

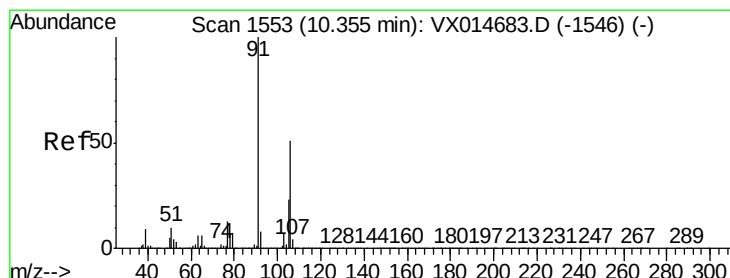
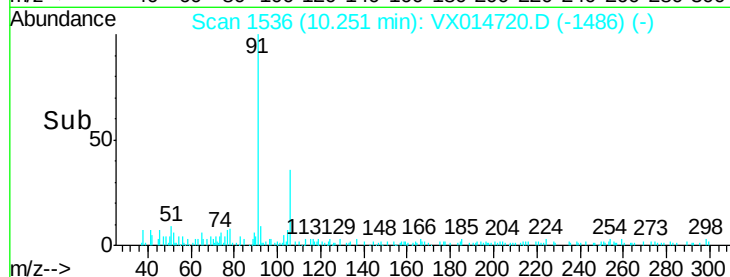
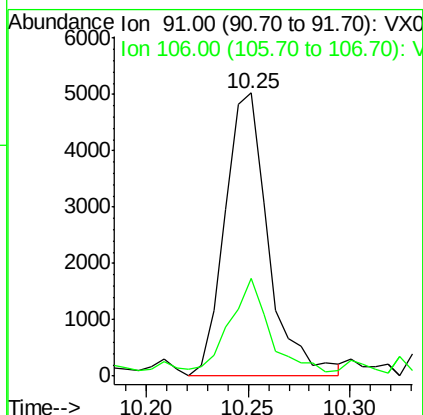
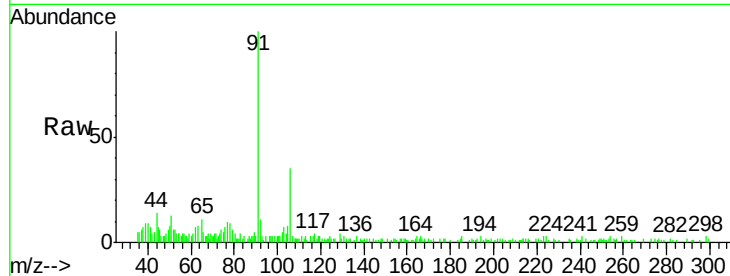
Time-->



#67
Ethyl Benzene
Concen: 0.315 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014720.D
Acq: 27 Jan 2020 12:48

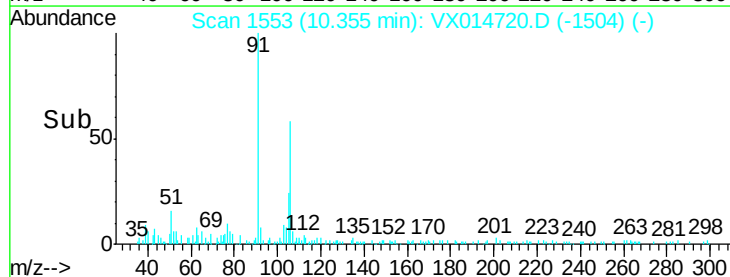
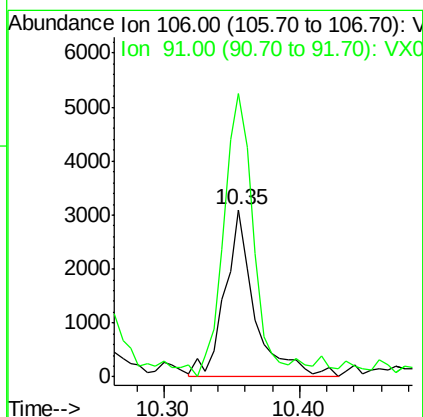
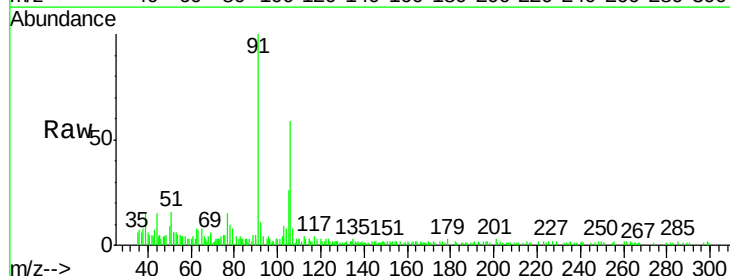
Instrument :
MSVOA_X
ClientSampled :
CTY-GW-01-12

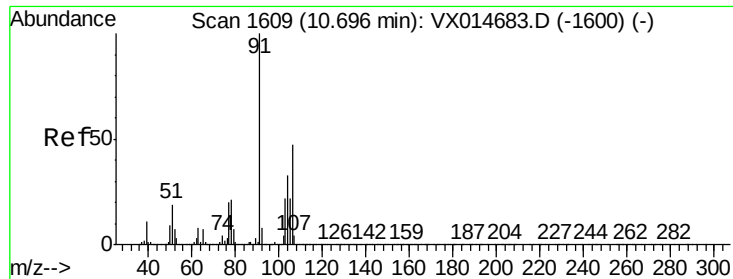
Tot Ion: 91 Resp: 7415
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



#68
m/p-Xylenes
Concen: 0.533 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014720.D
Acq: 27 Jan 2020 12:48

Tgt Ion: 106 Resp: 4750
Ion Ratio Lower Upper
106 100
91 165.6 159.4 239.2

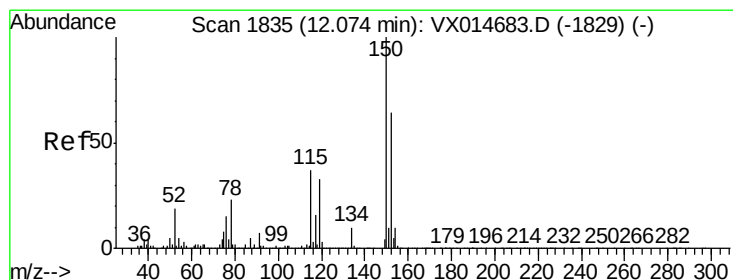
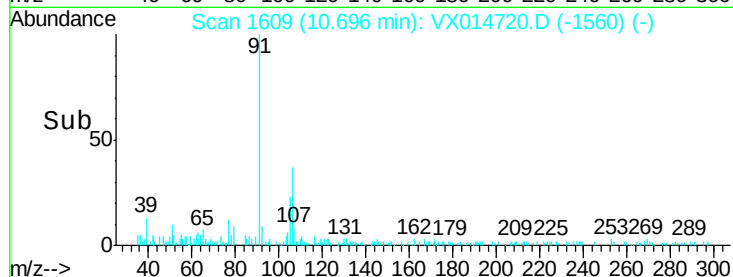
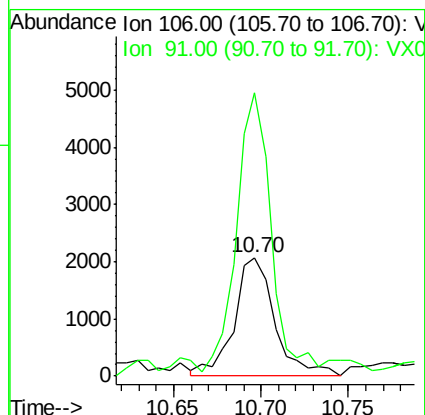
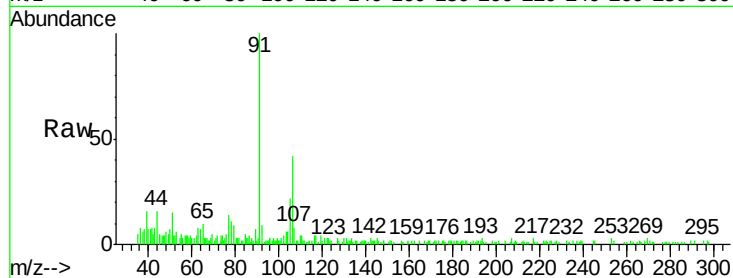




#69
o-Xylene
Concen: 0.393 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014720.D
Acq: 27 Jan 2020 12:48

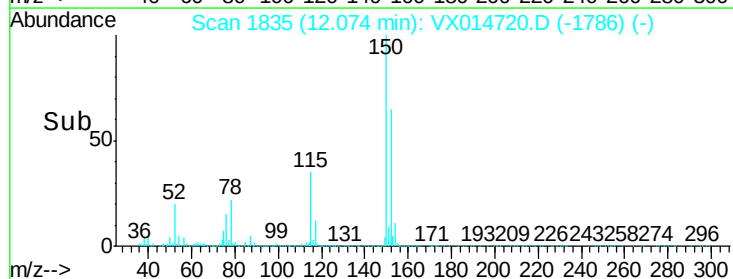
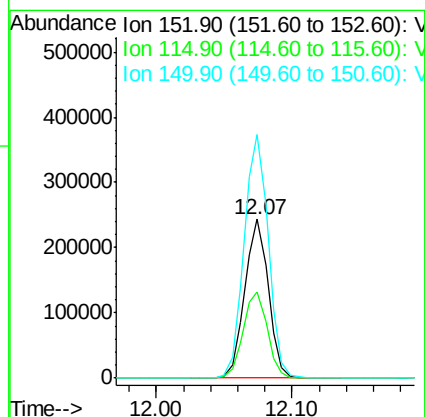
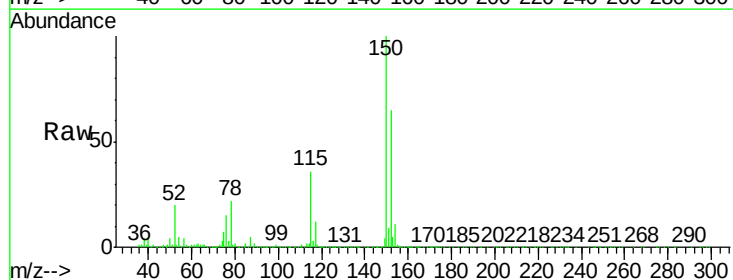
Instrument :
MSVOA_X
ClientSampled :
CTY-GW-01-12

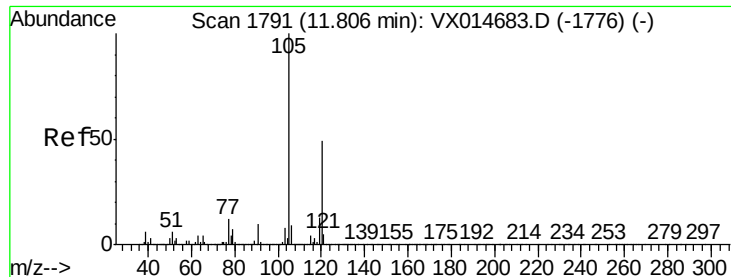
Tot Ion:106 Resp: 3381
Ion Ratio Lower Upper
106 100
91 193.8 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014720.D
Acq: 27 Jan 2020 12:48

Tgt Ion:152 Resp: 293987
Ion Ratio Lower Upper
152 100
115 55.4 39.4 118.1
150 157.2 0.0 351.2

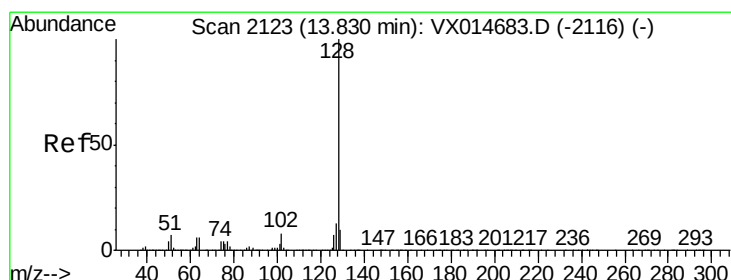
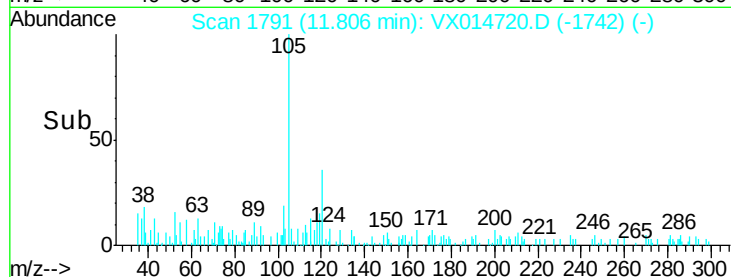
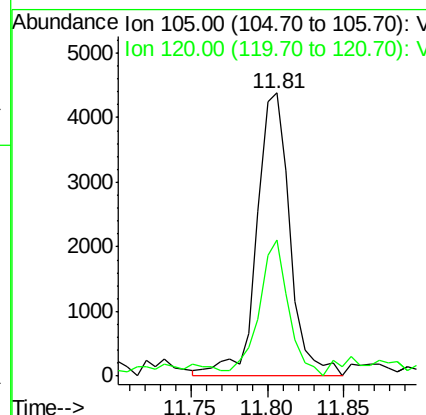
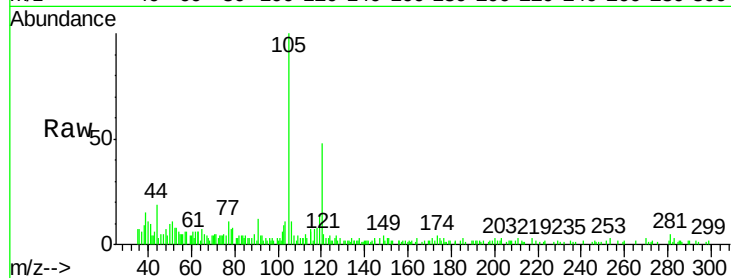




#84
 1,2,4-Trimethylbenzene
 Concen: 0.385 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX014720.D
 Acq: 27 Jan 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 CTY-GW-01-12

Tot Ion:105 Resp: 6620
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.4 70.0



#95
 Naphthalene
 Concen: 3.051 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX014720.D
 Acq: 27 Jan 2020 12:48

Tgt Ion:128 Resp: 44505
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.3 15.5
 129 10.8 8.6 12.8

