

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014721.D
 Acq On : 27 Jan 2020 13:11
 Operator : JC/SP
 Sample : L1265-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CTY-WC-L-01

Quant Time: Jan 28 04:46:00 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	458812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	714335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	267732	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
35) Dibromofluoromethane	5.49	113	222215	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	857938	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	297152	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	

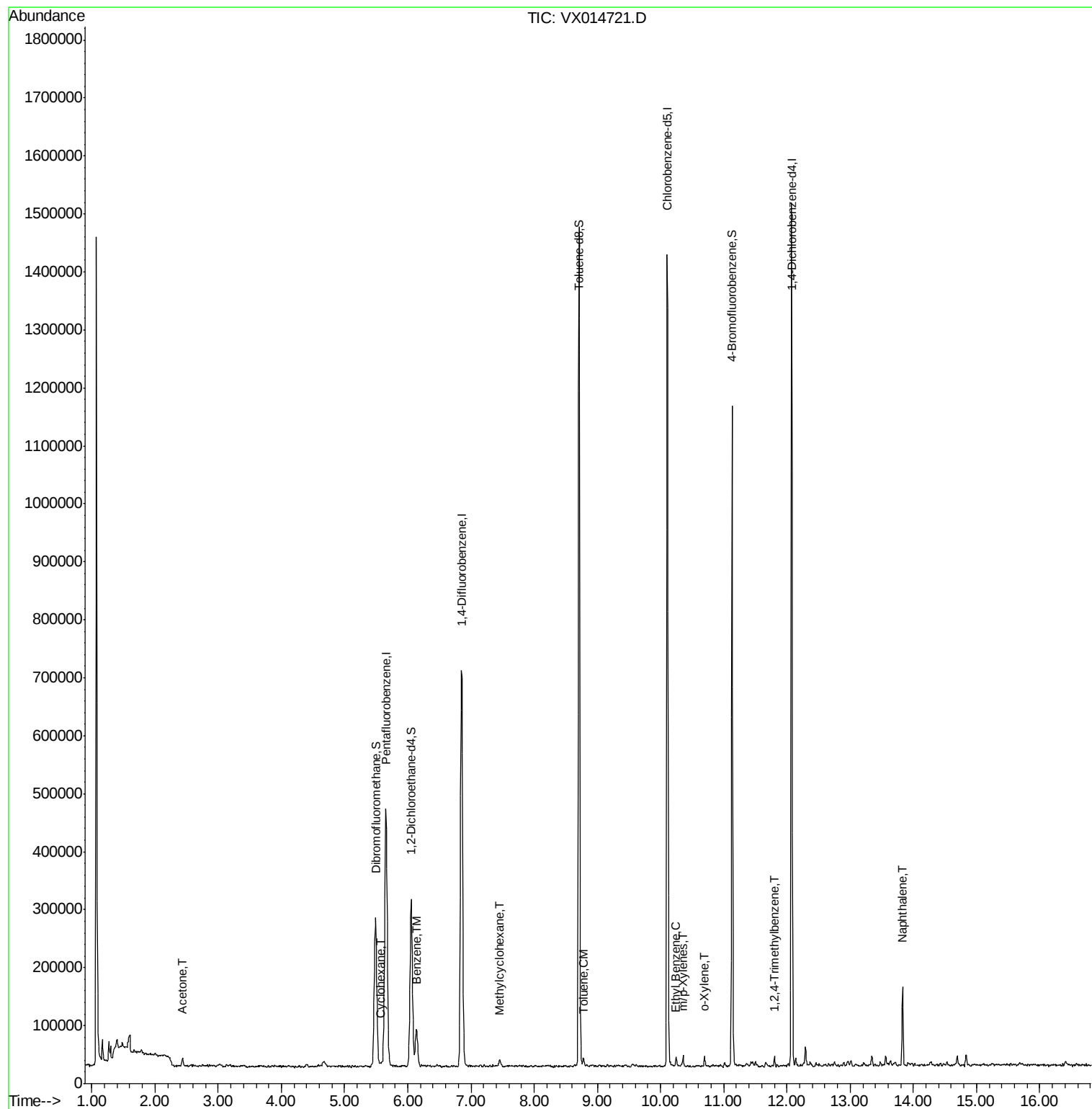
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	12630	4.449	ug/l	91
31) Cyclohexane	5.58	56	3388	0.407	ug/l	92
39) Methylcyclohexane	7.46	83	5722	0.688	ug/l #	73
40) Benzene	6.14	78	80022	3.902	ug/l	98
52) Toluene	8.78	92	4866	0.386	ug/l	96
67) Ethyl Benzene	10.25	91	9885	0.410	ug/l	98
68) m/p-Xylenes	10.36	106	5107	0.559	ug/l	89
69) o-Xylene	10.70	106	4169	0.473	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	8623	0.474	ug/l	86
95) Naphthalene	13.83	128	82803	4.662	ug/l	98

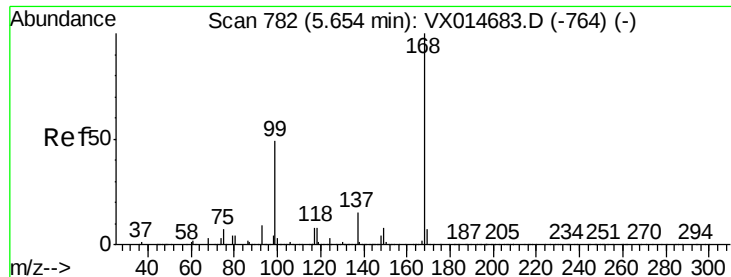
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012720\
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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: VX014721.D

Acq: 27 Jan 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

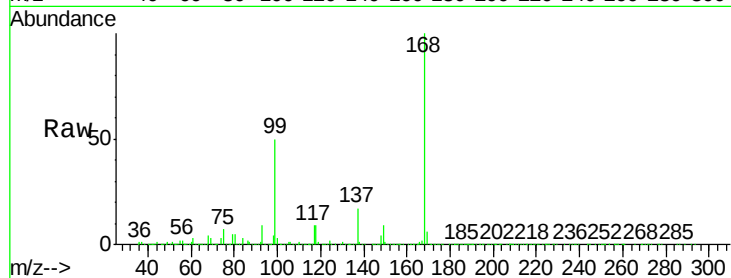
CTY-WC-L-01

Tot Ion:168 Resp: 458812

Ion Ratio Lower Upper

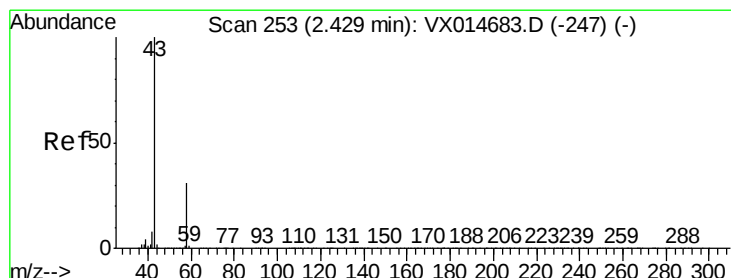
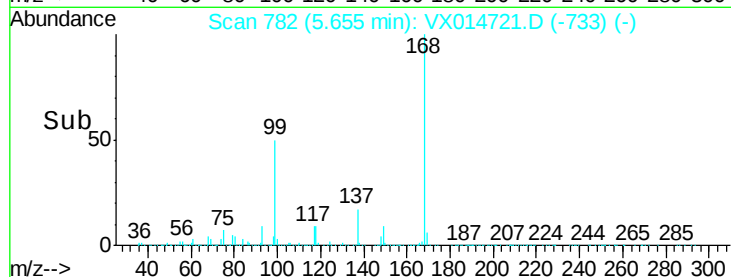
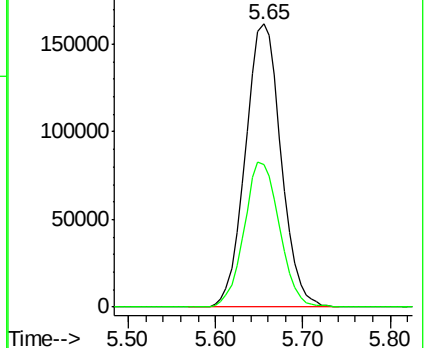
168 100

99 50.1 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.449 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX014721.D

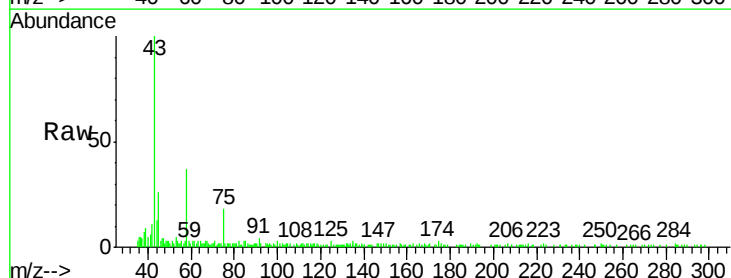
Acq: 27 Jan 2020 13:11

Tgt Ion: 43 Resp: 12630

Ion Ratio Lower Upper

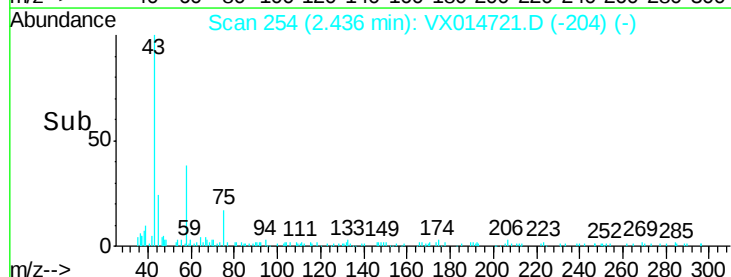
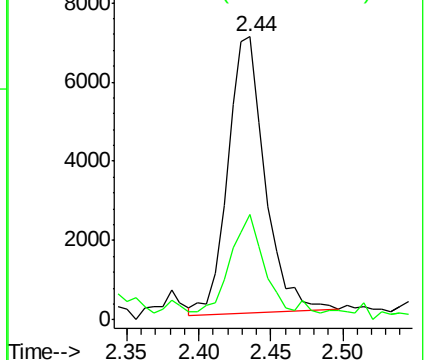
43 100

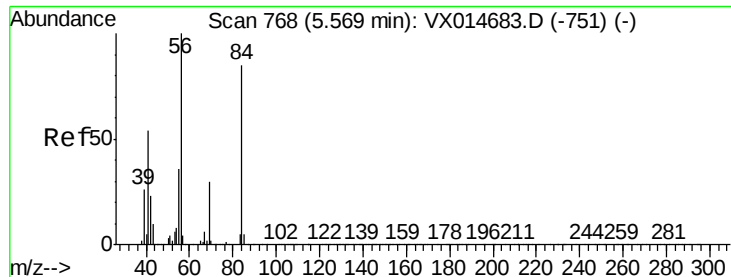
58 35.8 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

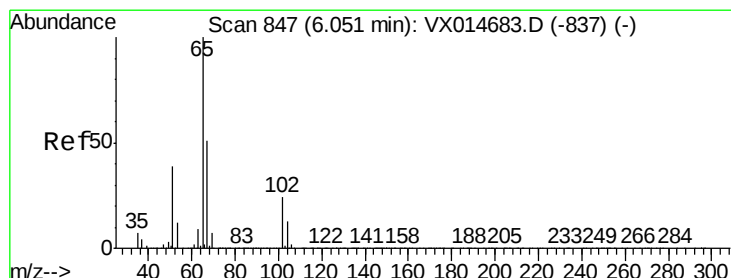
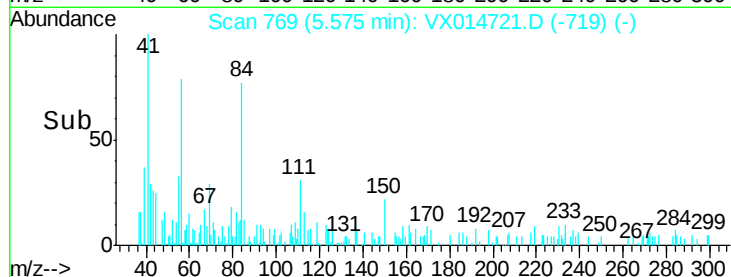
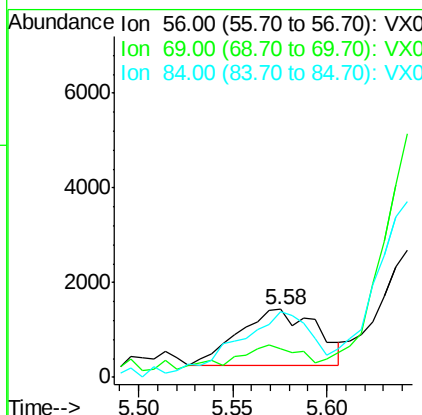
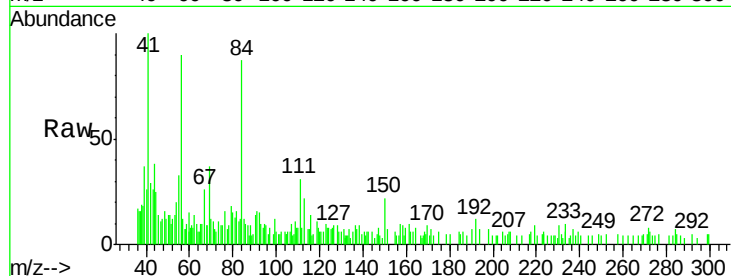




#31
Cyclohexane
Concen: 0.407 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

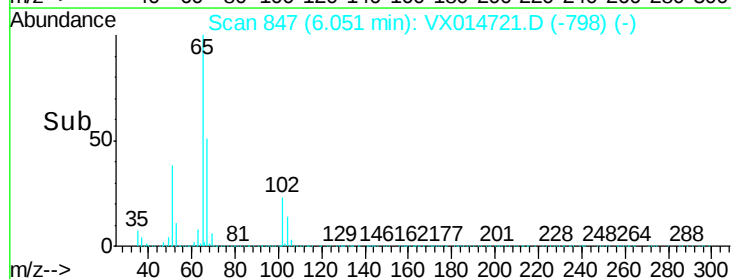
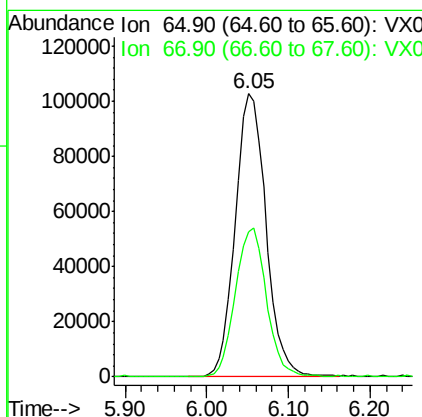
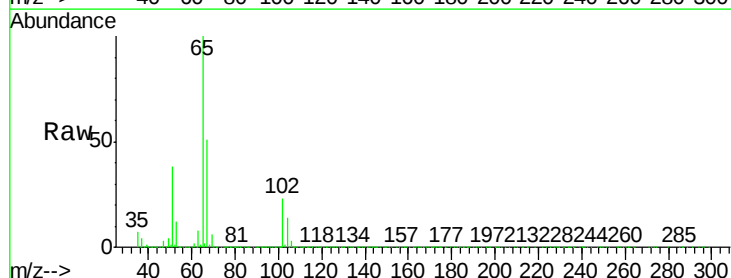
Instrument :
MSVOA_X
ClientSampleId :
CTY-WC-L-01

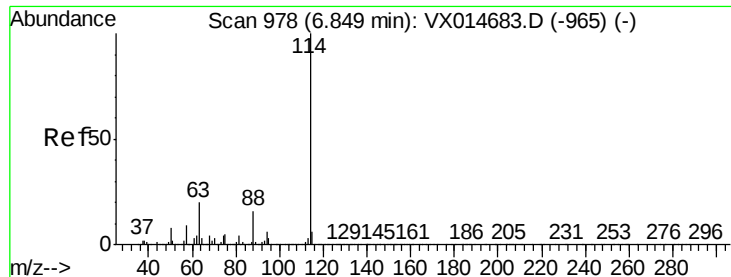
Tot Ion: 56 Resp: 3388
Ion Ratio Lower Upper
56 100
69 27.8 23.4 35.2
84 94.3 68.4 102.6



#33
1,2-Dichloroethane-d4
Concen: 49.970 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 65 Resp: 267732
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014721.D

Acq: 27 Jan 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

CTY-WC-L-01

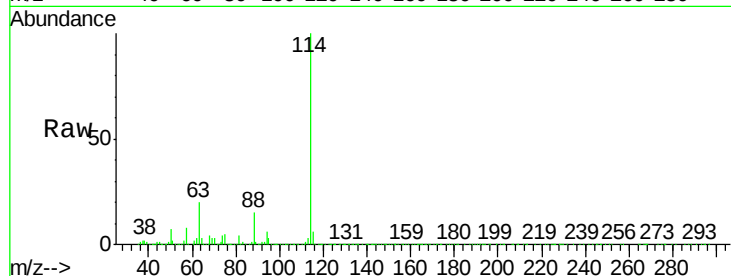
Tot Ion:114 Resp: 714335

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

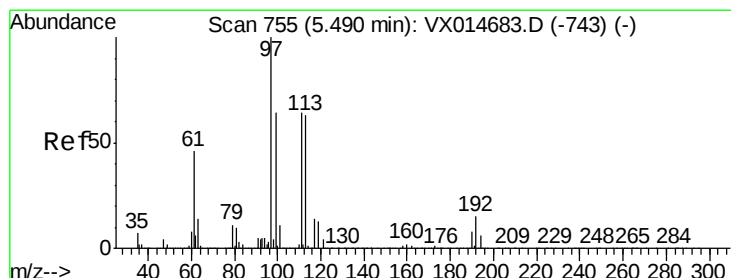
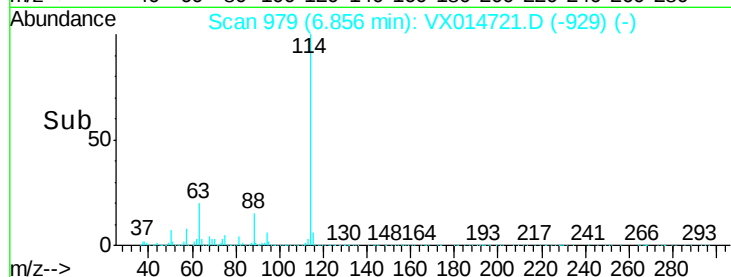
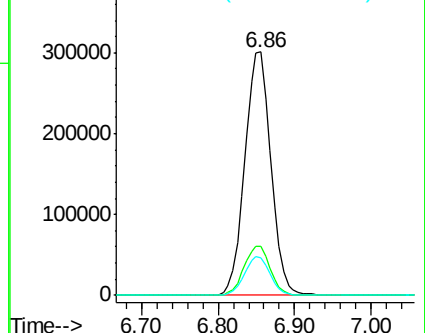
88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.300 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014721.D

Acq: 27 Jan 2020 13:11

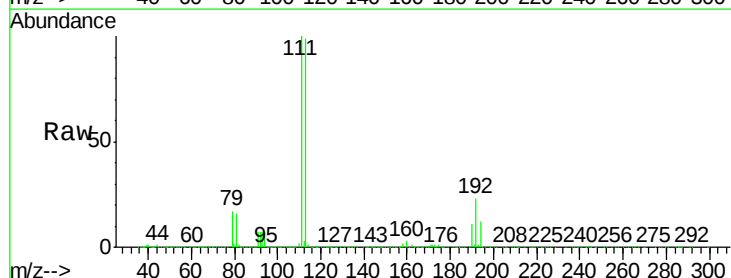
Tgt Ion:113 Resp: 222215

Ion Ratio Lower Upper

113 100

111 102.4 80.7 121.1

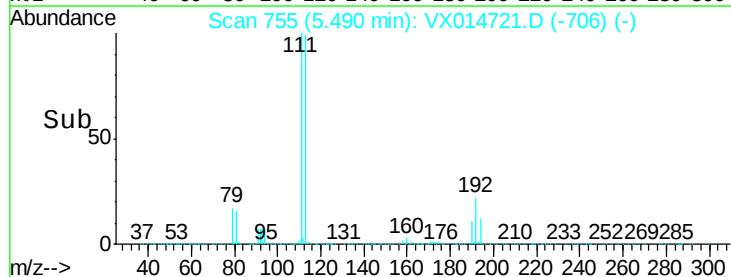
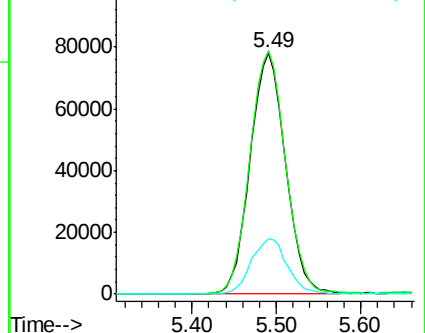
192 23.6 18.5 27.7

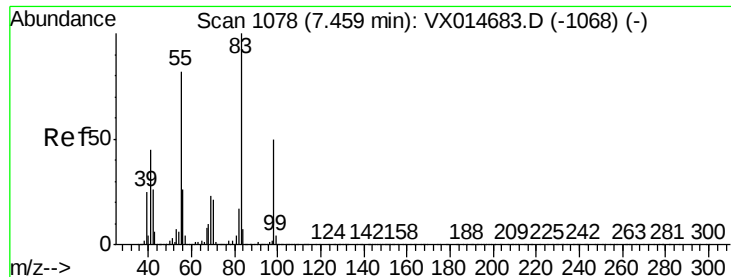


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

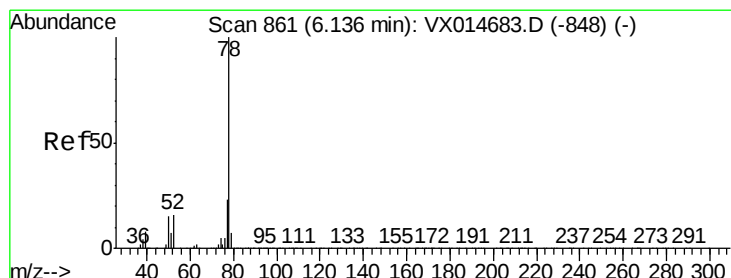
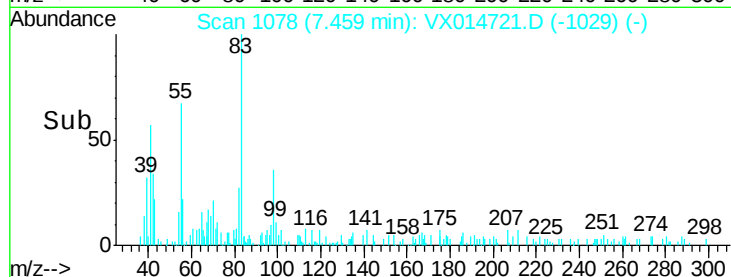
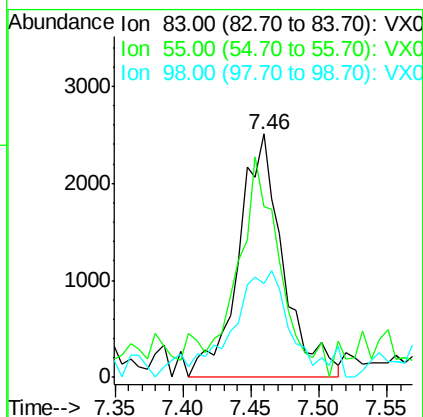
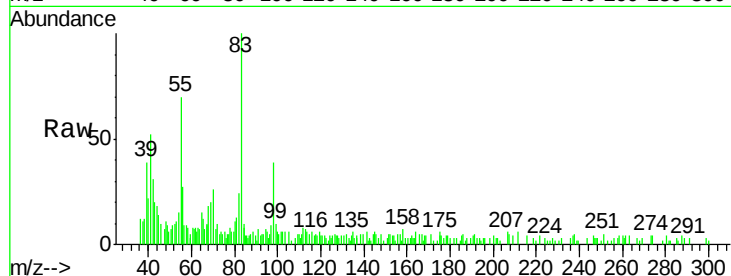




#39
Methvlcvclohexane
Concen: 0.688 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

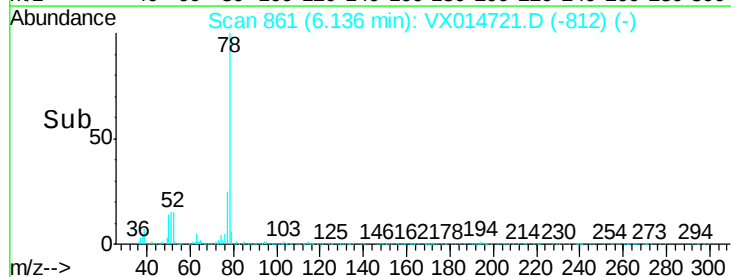
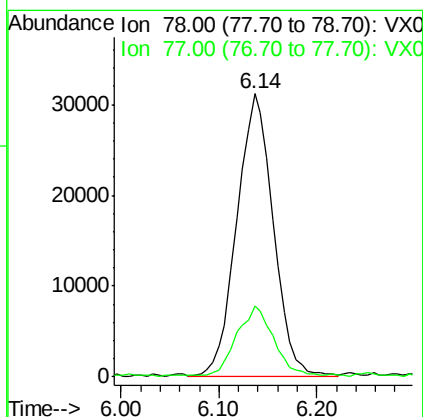
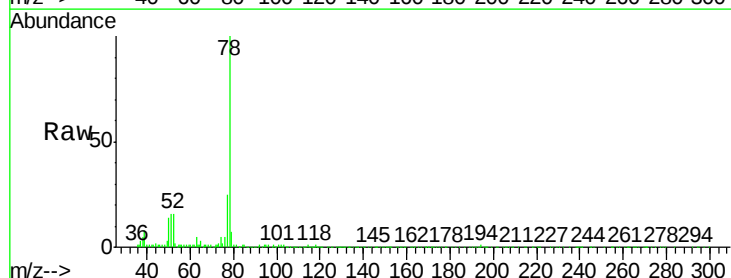
Instrument :
MSVOA_X
ClientSampleId :
CTY-WC-L-01

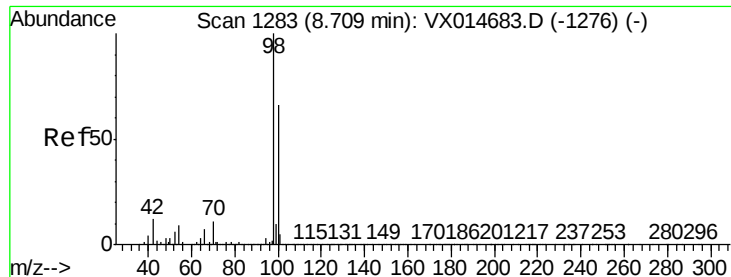
Tot Ion: 83 Resp: 5722
Ion Ratio Lower Upper
83 100
55 55.2 65.6 98.4#
98 34.4 40.2 60.4#



#40
Benzene
Concen: 3.902 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 78 Resp: 80022
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1





#50

Toluene-d8

Concen: 49.511 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014721.D

Acq: 27 Jan 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

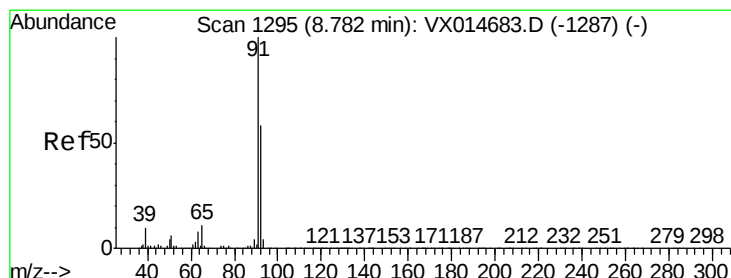
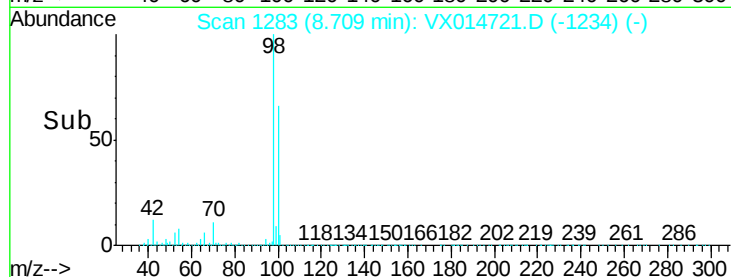
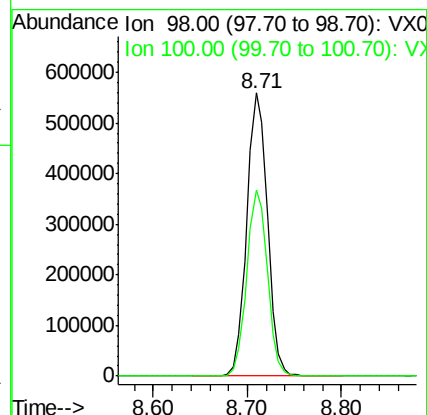
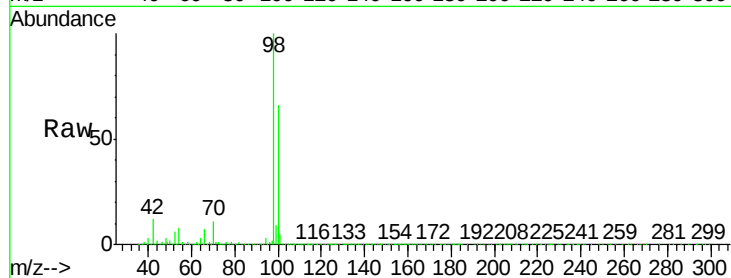
CTY-WC-L-01

Tot Ion: 98 Resp: 857938

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



#52

Toluene

Concen: 0.386 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014721.D

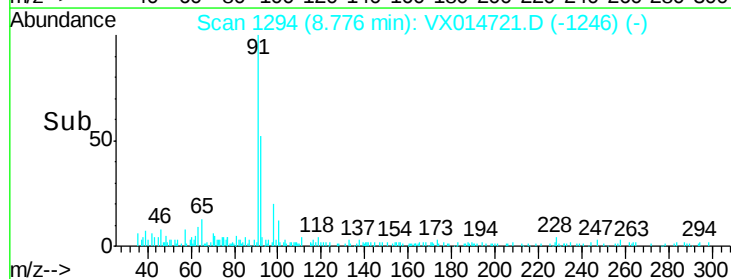
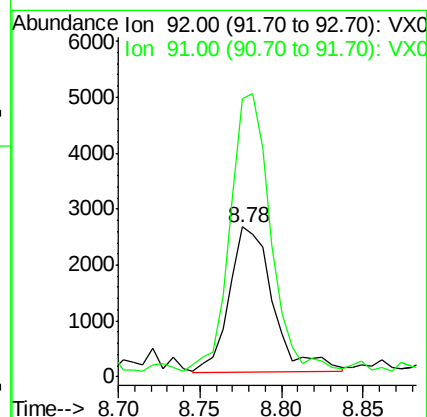
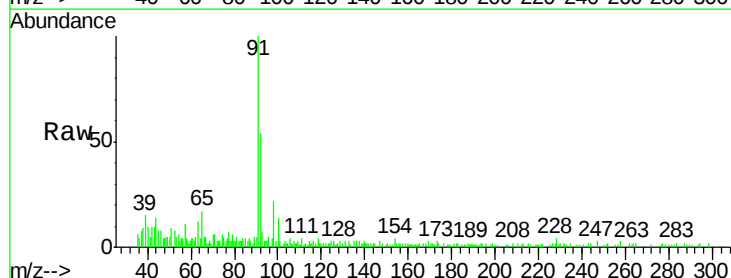
Acq: 27 Jan 2020 13:11

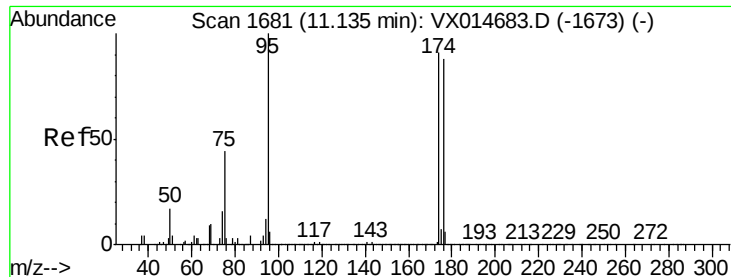
Tgt Ion: 92 Resp: 4866

Ion Ratio Lower Upper

92 100

91 176.0 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 48.140 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014721.D

Acq: 27 Jan 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

CTY-WC-L-01

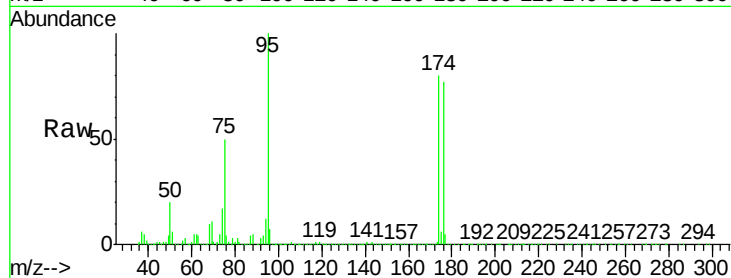
Tot Ion: 95 Resp: 297152

Ion Ratio Lower Upper

95 100

174 89.6 0.0 176.0

176 86.1 0.0 172.2

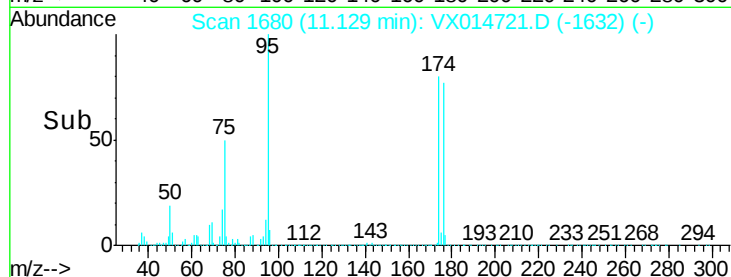


Abundance Ion 94.90 (94.60 to 95.60): VX014683.D (-1673) (-)

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

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

Time-->



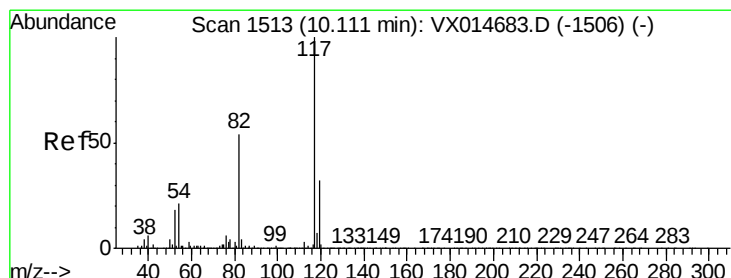
Abundance

Ion 94.90 (94.60 to 95.60): 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-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014721.D

Acq: 27 Jan 2020 13:11

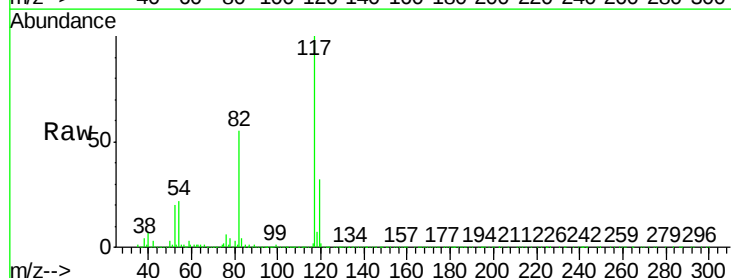
Tgt Ion: 117 Resp: 659843

Ion Ratio Lower Upper

117 100

82 54.9 43.2 64.8

119 31.7 25.8 38.6

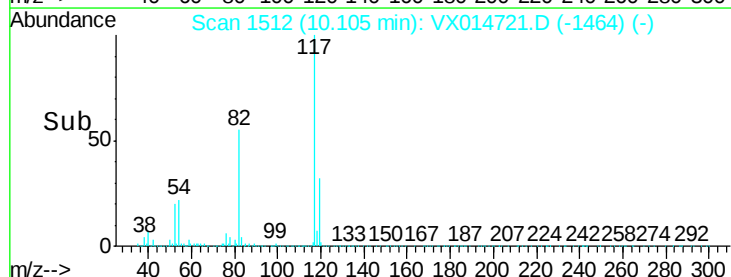


Abundance Ion 116.90 (116.60 to 117.60): VX014683.D (-1506) (-)

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

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

Time-->



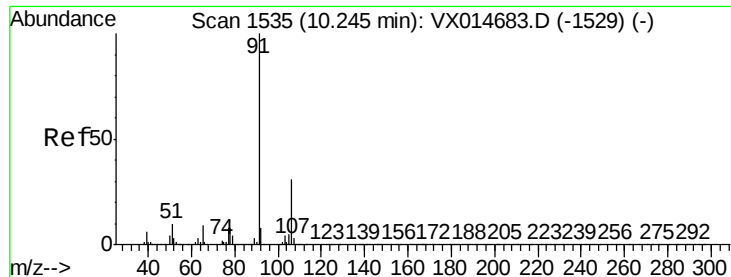
Abundance

Ion 116.90 (116.60 to 117.60): 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) (-)

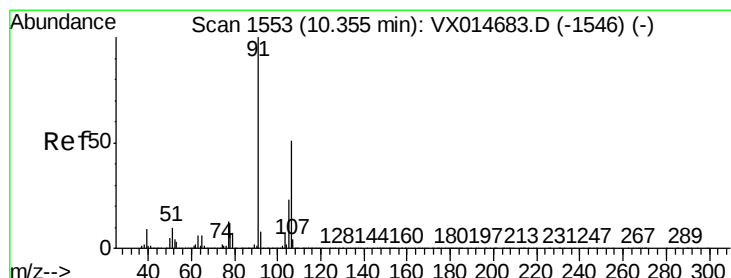
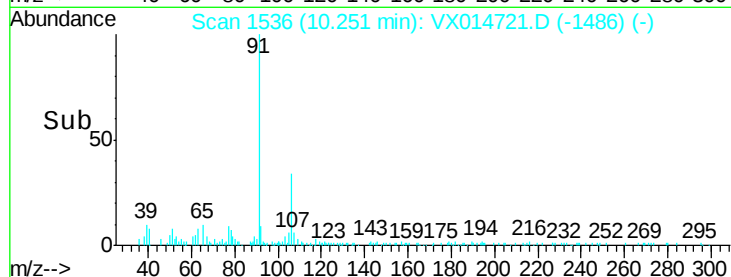
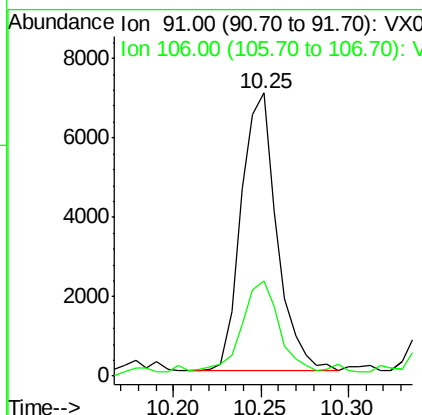
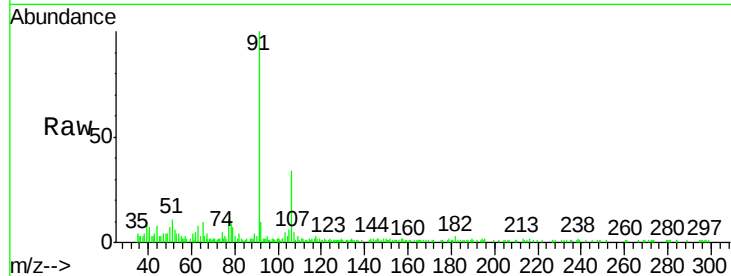
Time-->



#67
Ethyl Benzene
Concen: 0.410 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

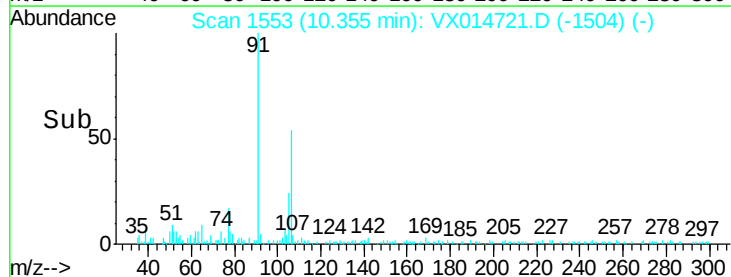
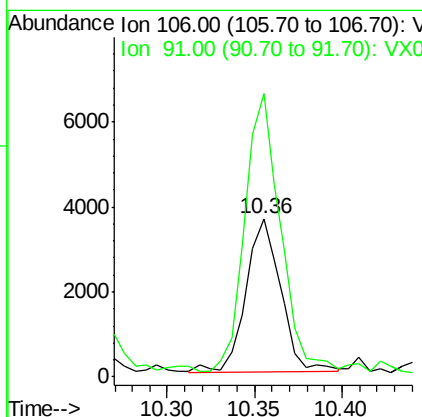
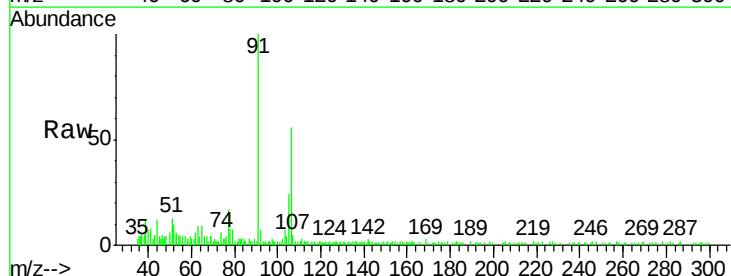
Instrument :
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CTY-WC-L-01

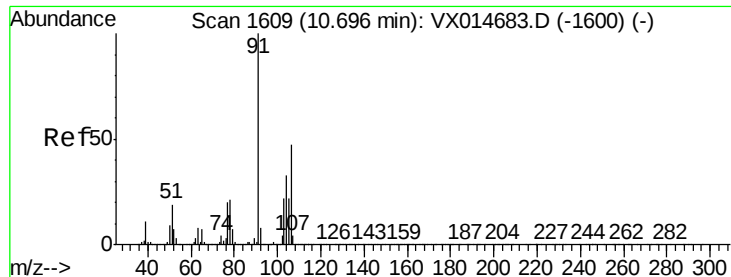
Tot Ion: 91 Resp: 9885
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3



#68
m/p-Xylenes
Concen: 0.559 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 106 Resp: 5107
Ion Ratio Lower Upper
106 100
91 182.2 159.4 239.2

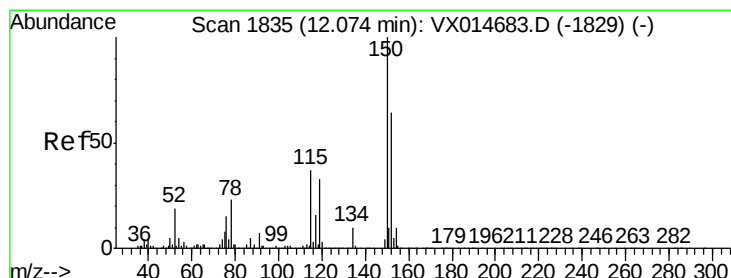
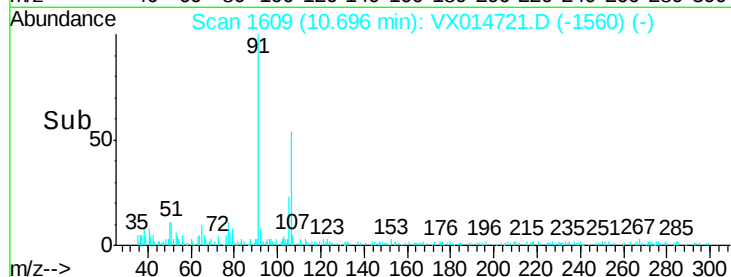
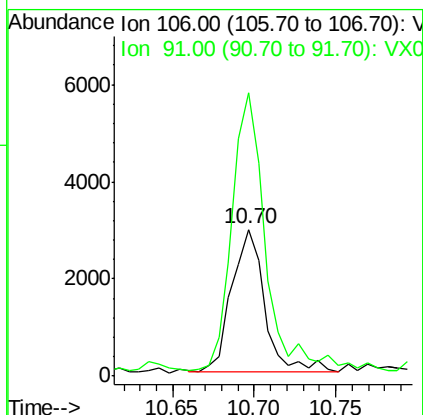
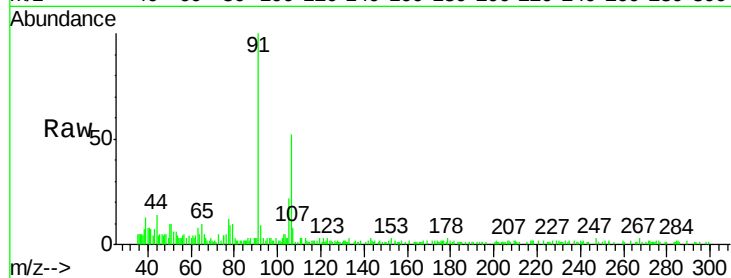




#69
o-Xylene
Concen: 0.473 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

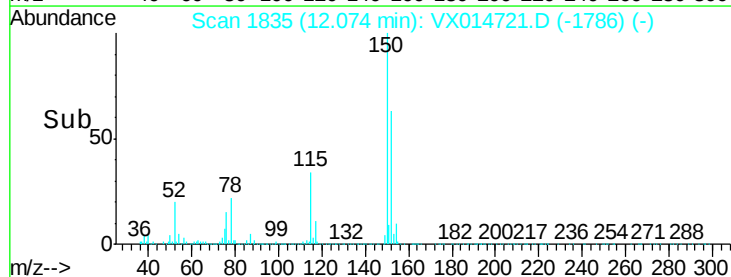
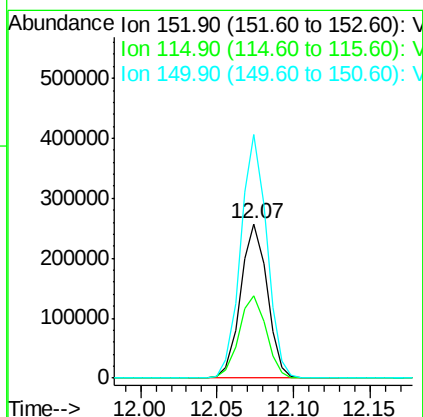
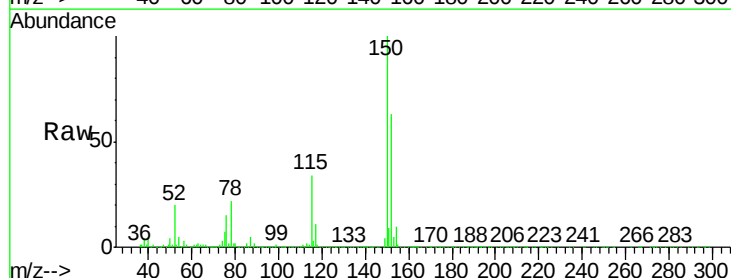
Instrument :
MSVOA_X
ClientSampleId :
CTY-WC-L-01

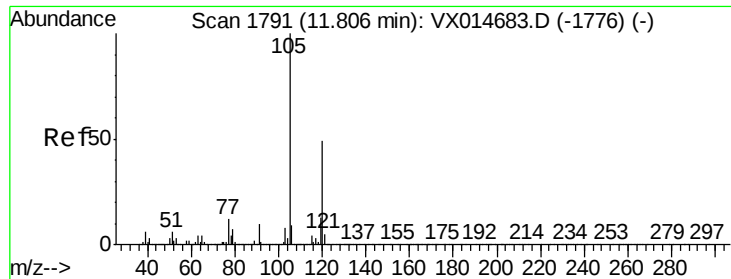
Tot Ion:106 Resp: 4169
Ion Ratio Lower Upper
106 100
91 199.7 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:152 Resp: 310762
Ion Ratio Lower Upper
152 100
115 54.3 39.4 118.1
150 155.5 0.0 351.2

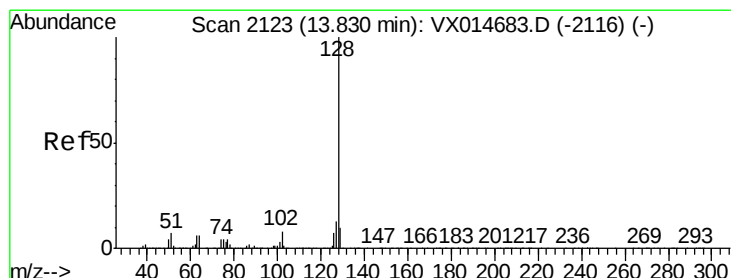
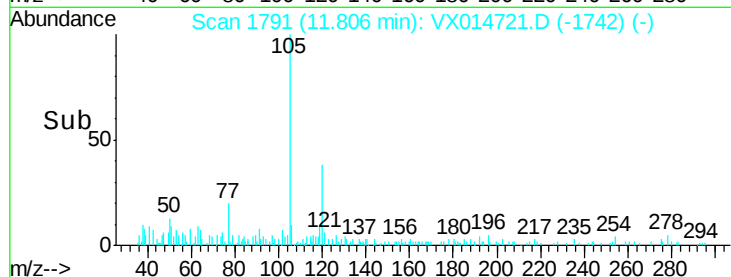
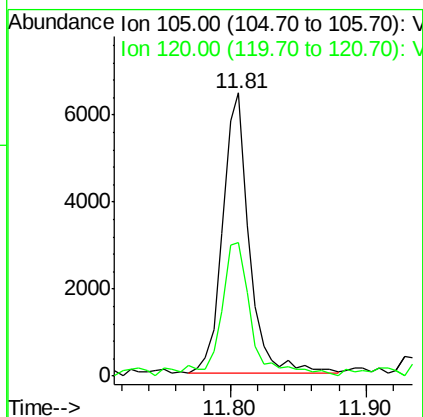
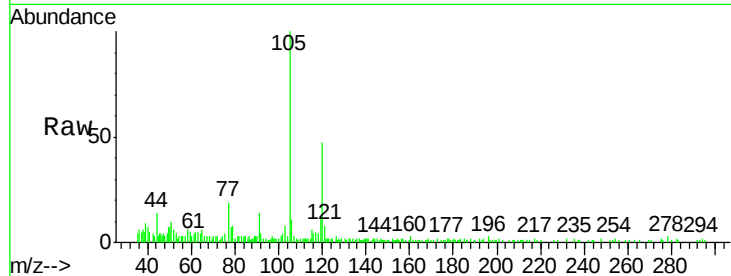




#84
 1,2,4-Trimethylbenzene
 Concen: 0.474 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX014721.D
 Acq: 27 Jan 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CTY-WC-L-01

Tot Ion:105 Resp: 8623
 Ion Ratio Lower Upper
 105 100
 120 56.2 23.4 70.0



#95
 Naphthalene
 Concen: 4.662 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX014721.D
 Acq: 27 Jan 2020 13:11

Tgt Ion:128 Resp: 82803
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.3 15.5
 129 11.7 8.6 12.8

