

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014964.D
 Acq On : 19 Feb 2020 13:30
 Operator : JC/SP
 Sample : L1577-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WFD-GW-01-23

Quant Time: Feb 20 00:54:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

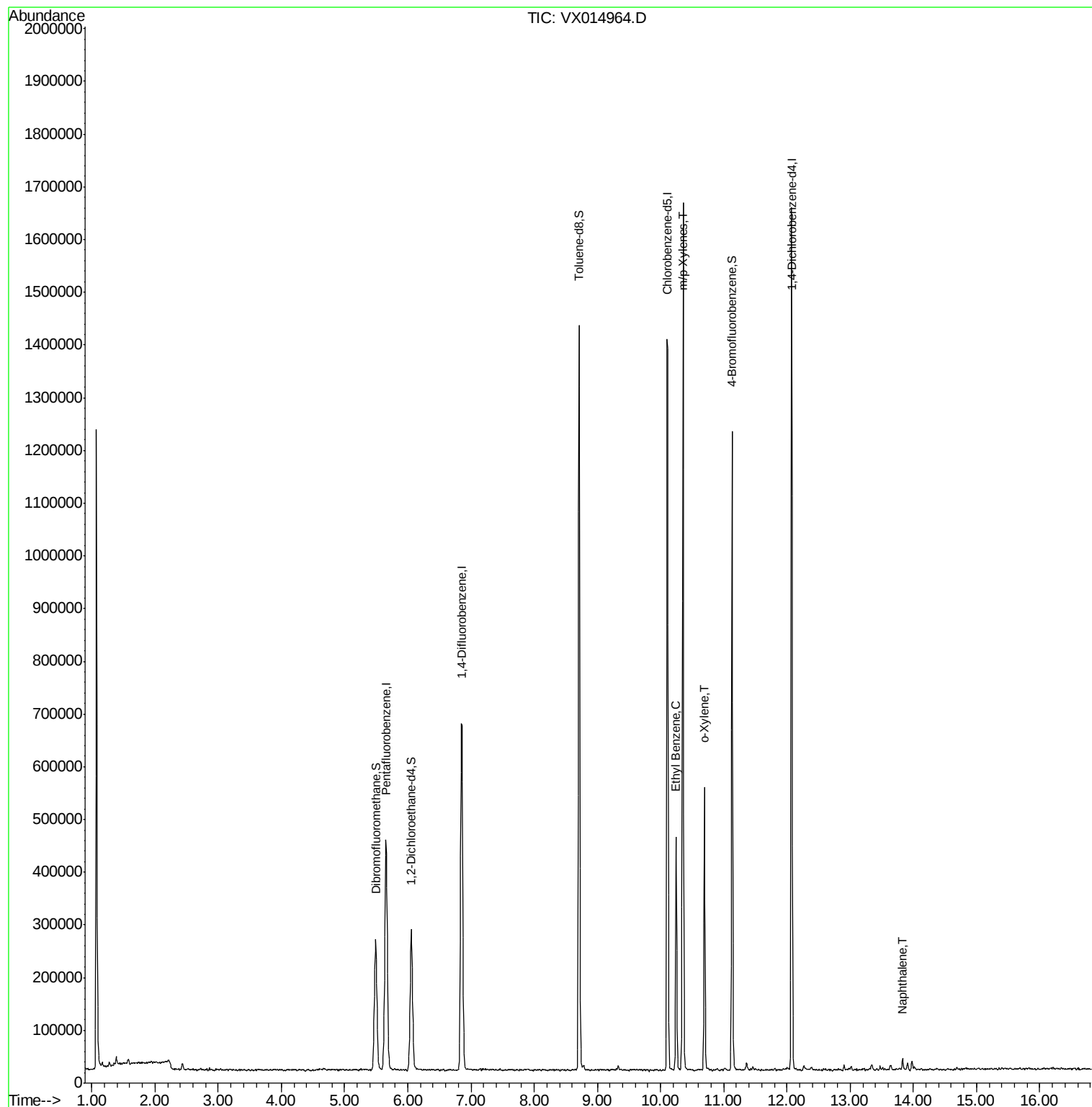
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	690197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	250797	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	5.49	113	212055	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	8.71	98	829280	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	313413	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
Target Compounds						
67) Ethyl Benzene	10.24	91	261475	11.446	ug/l	97
68) m/p-Xylenes	10.35	106	403246	45.823	ug/l	100
69) o-Xylene	10.70	106	119734	14.154	ug/l	98
95) Naphthalene	13.83	128	12967	0.630	ug/l #	88

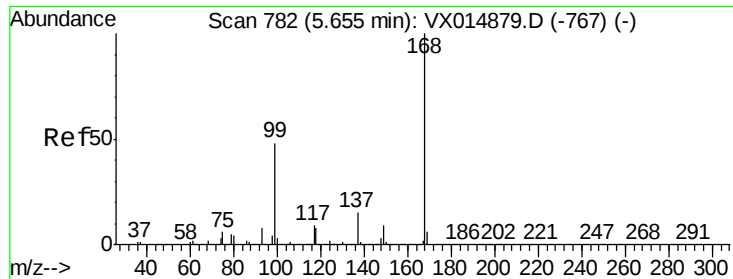
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014964.D

Acq: 19 Feb 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

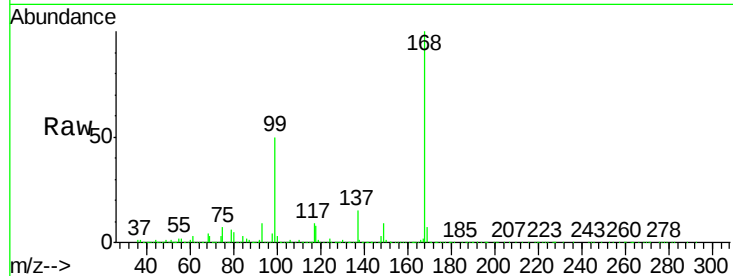
WFD-GW-01-23

Tot Ion:168 Resp: 442606

Ion Ratio Lower Upper

168 100

99 49.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

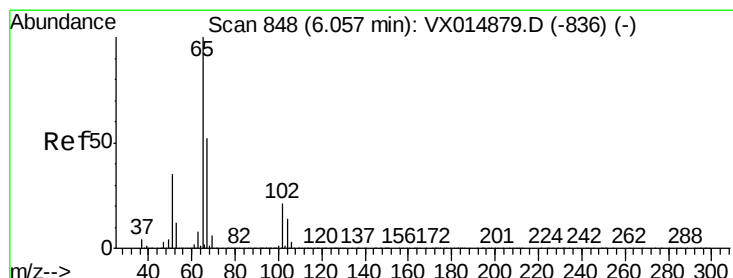
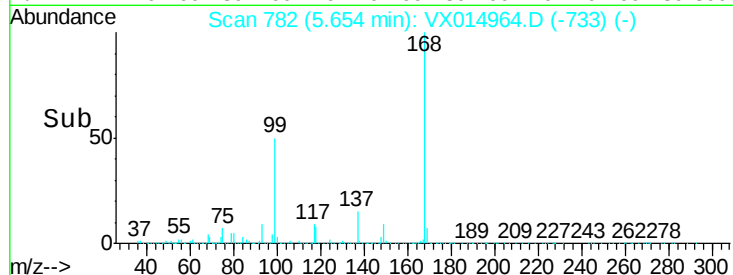
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.208 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014964.D

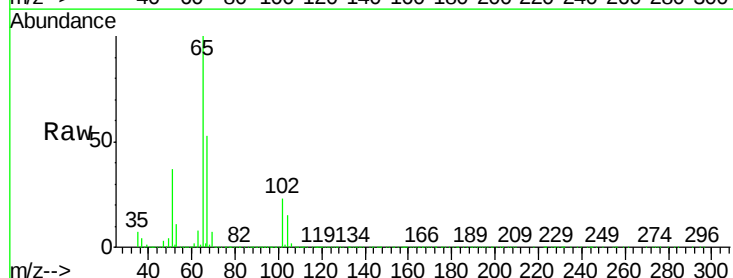
Acq: 19 Feb 2020 13:30

Tgt Ion: 65 Resp: 250797

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

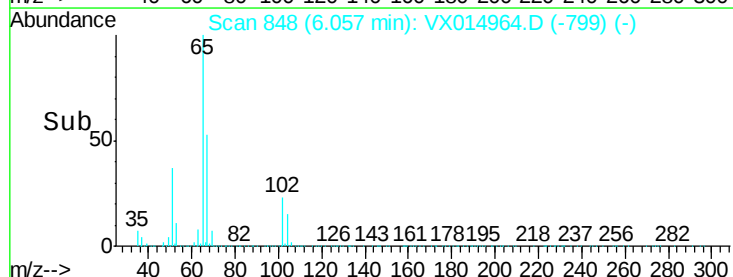
60000

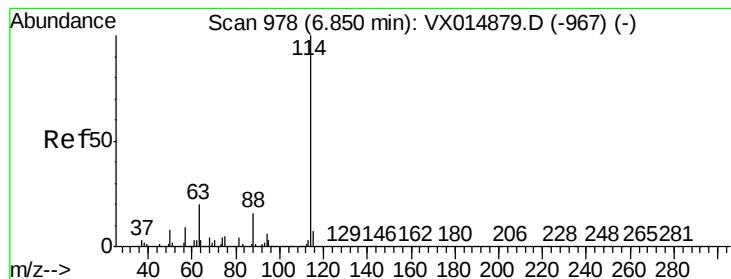
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014964.D

Acq: 19 Feb 2020 13:30

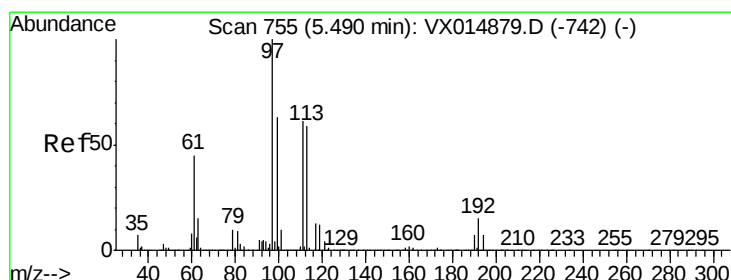
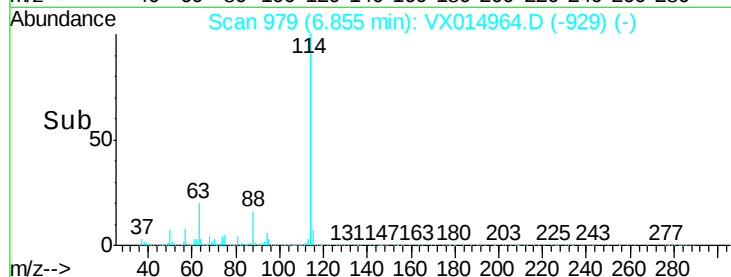
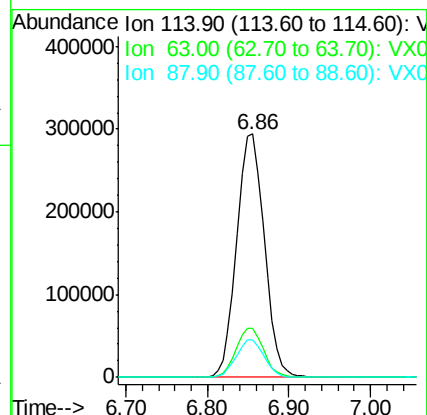
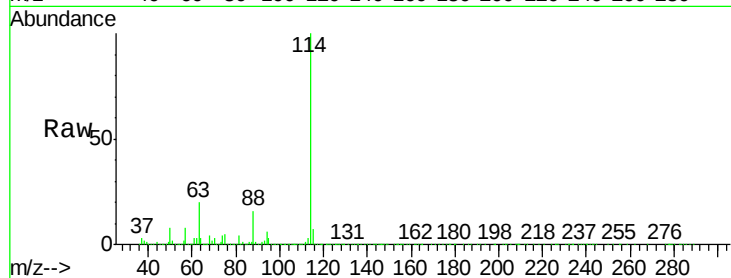
Instrument :

MSVOA_X

ClientSampleId :

WFD-GW-01-23

Tot Ion:	114	Resp:	690197
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.2
88	15.6	0.0	32.0



#35

Dibromofluoromethane

Concen: 49.976 ug/l

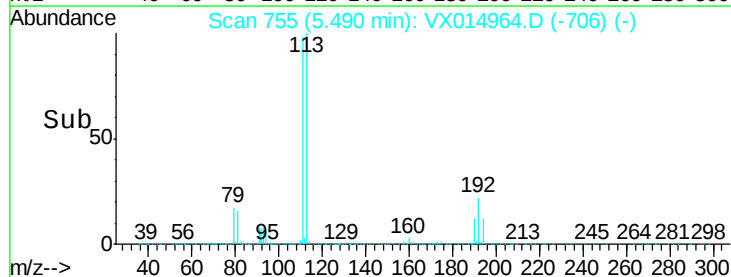
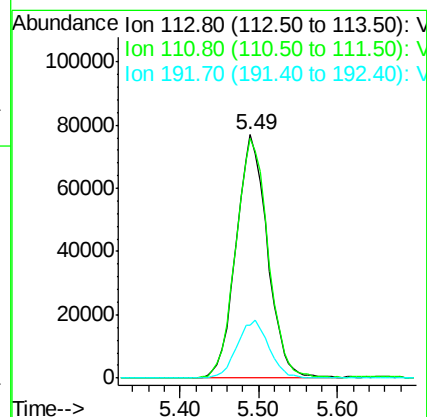
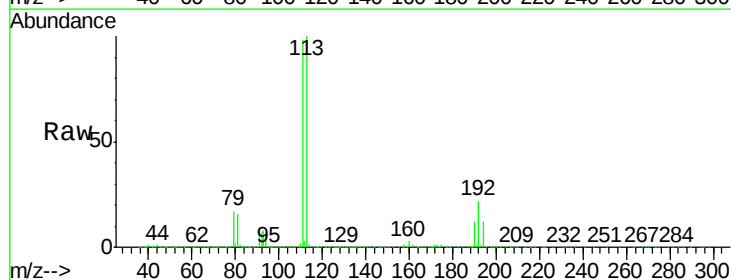
RT: 5.49 min Scan# 755

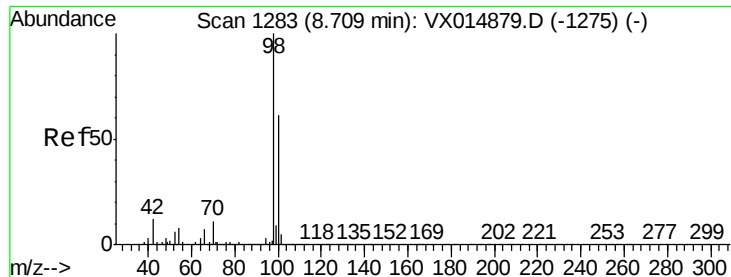
Delta R.T. -0.00 min

Lab File: VX014964.D

Acq: 19 Feb 2020 13:30

Tgt Ion:	113	Resp:	212055
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	23.9	19.1	28.7

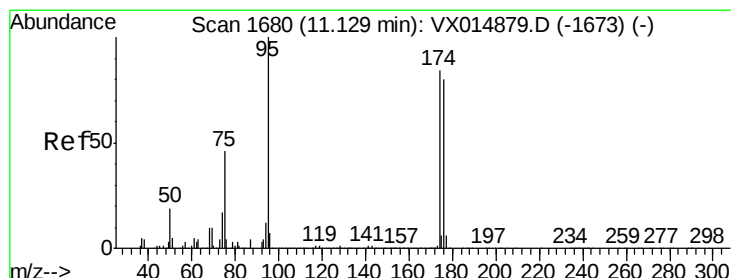
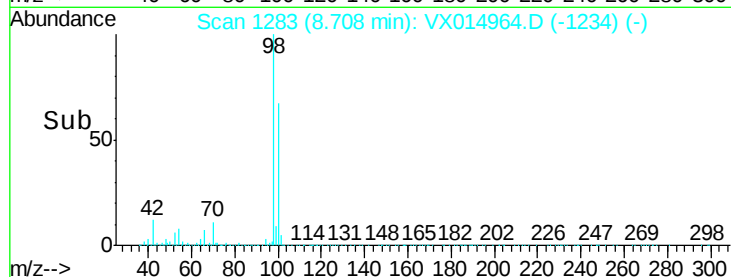
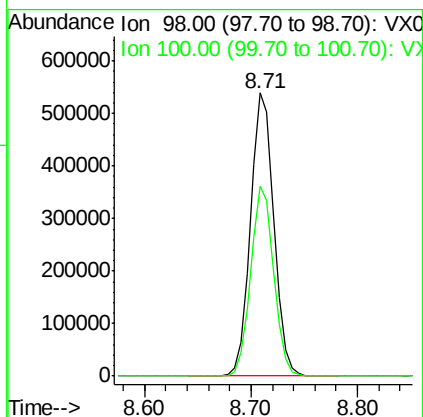
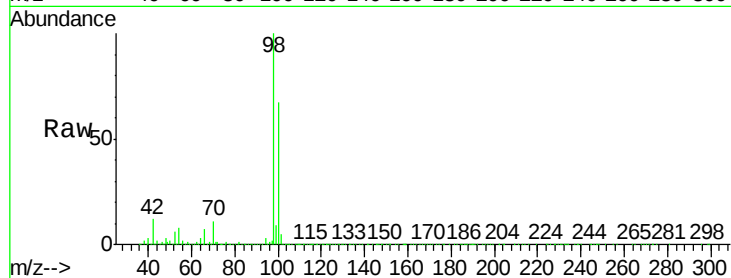




#50
Toluene-d8
Concen: 51.201 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

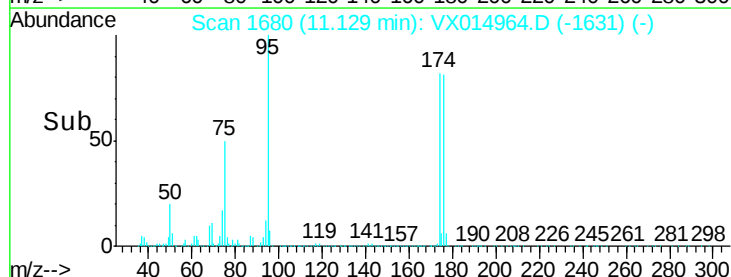
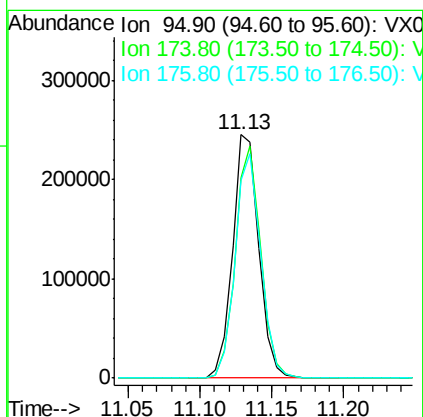
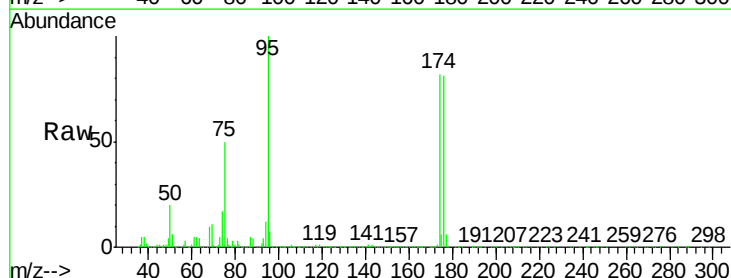
Instrument :
MSVOA_X
ClientSampleId :
WFD-GW-01-23

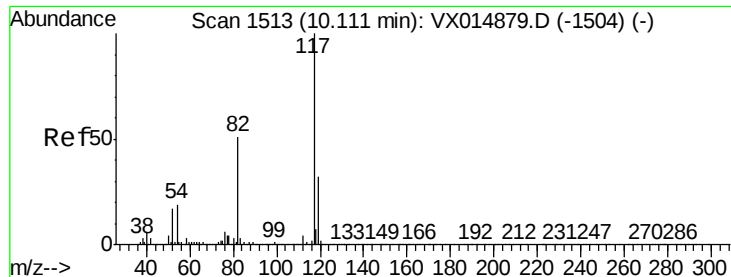
Tot Ion: 98 Resp: 829280
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.717 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion: 95 Resp: 313413
Ion Ratio Lower Upper
95 100
174 92.2 0.0 183.0
176 90.2 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014964.D

Acq: 19 Feb 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

WFD-GW-01-23

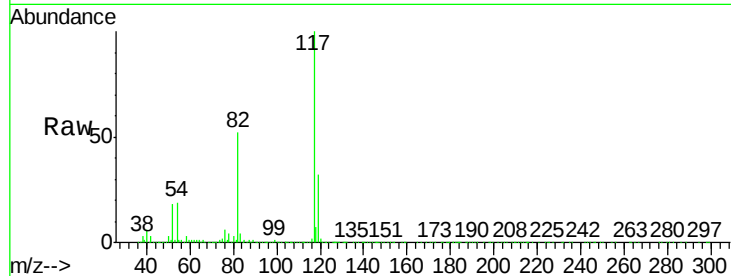
Tot Ion:117 Resp: 662233

Ion Ratio Lower Upper

117 100

82 51.7 40.5 60.7

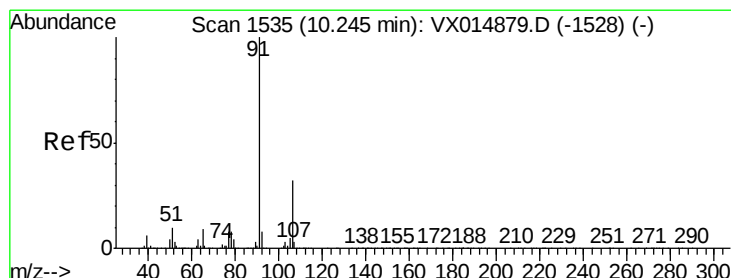
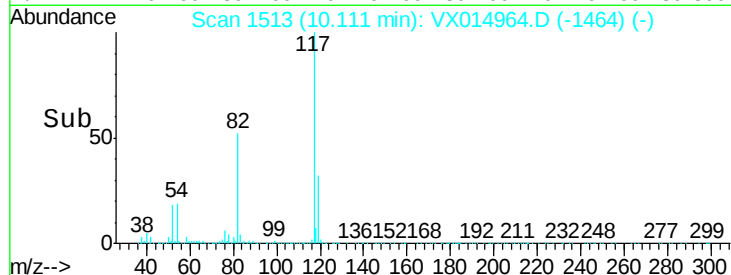
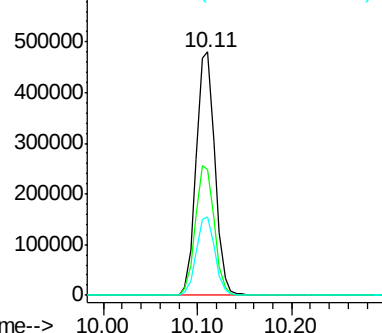
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 11.446 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014964.D

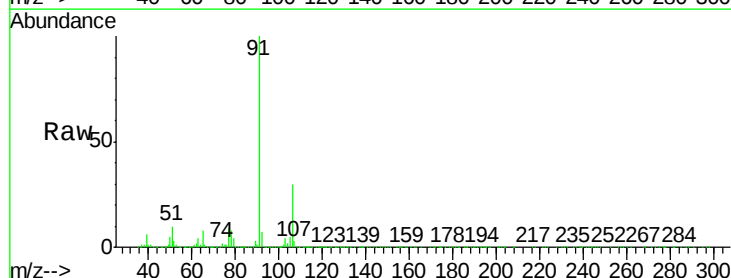
Acq: 19 Feb 2020 13:30

Tgt Ion: 91 Resp: 261475

Ion Ratio Lower Upper

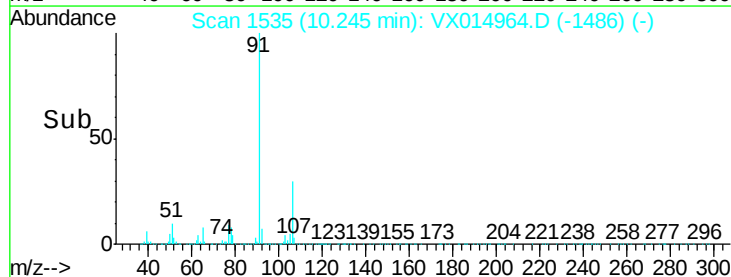
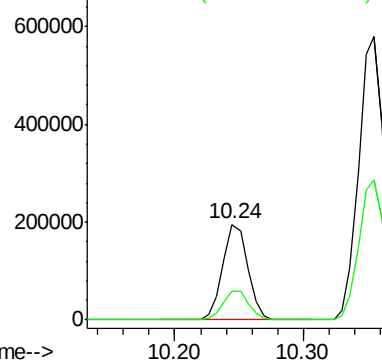
91 100

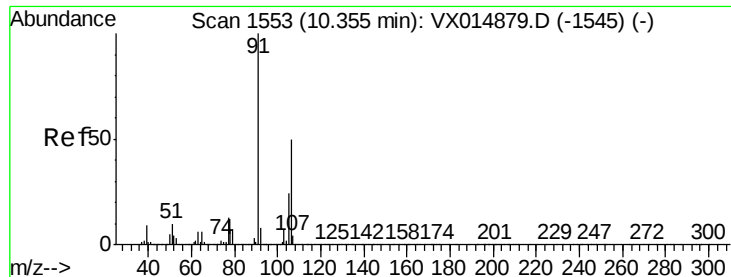
106 30.0 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

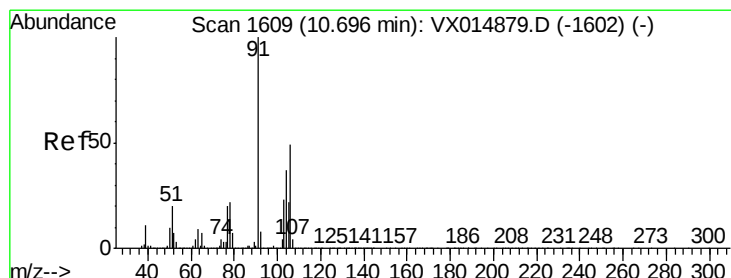
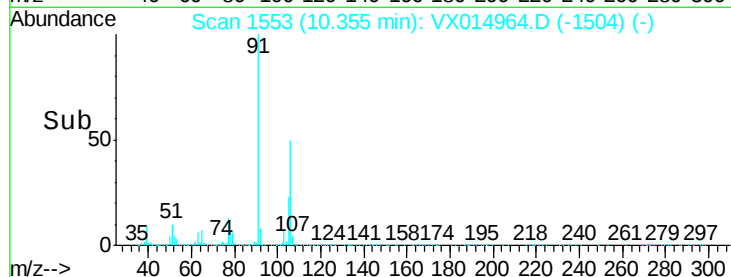
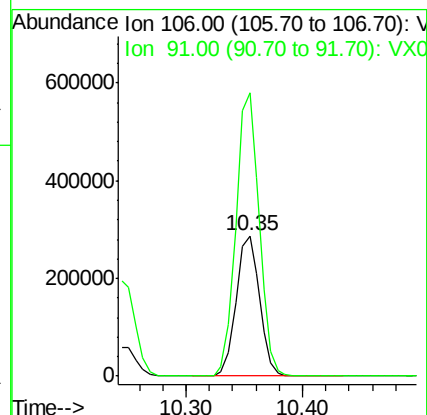
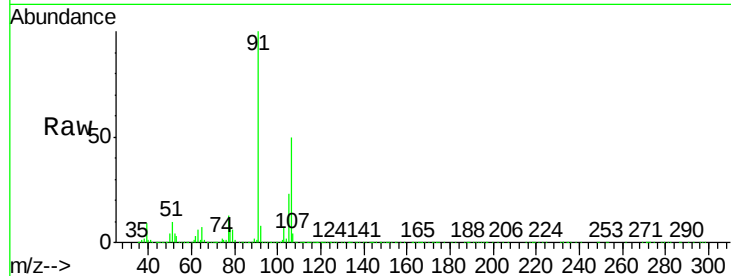




#68
m/p-Xylenes
Concen: 45.823 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

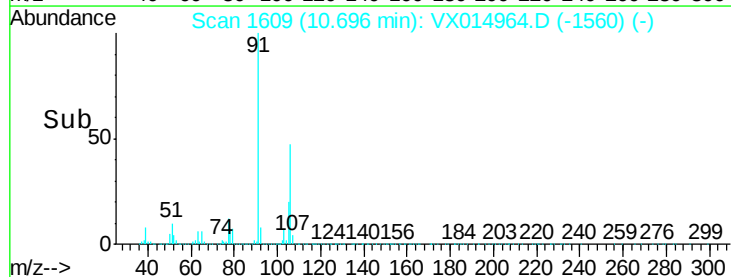
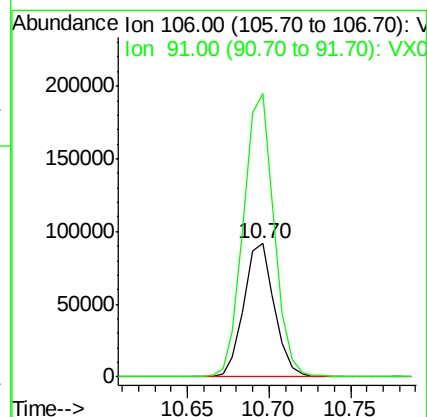
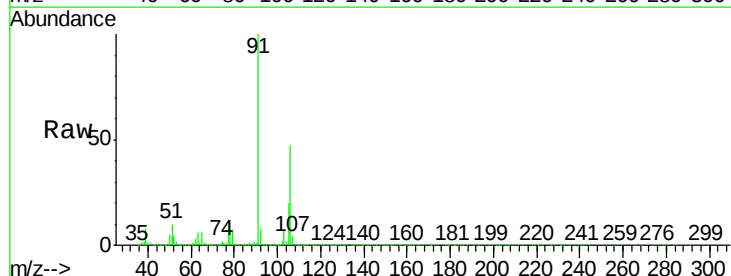
Instrument :
MSVOA_X
ClientSampleId :
WFD-GW-01-23

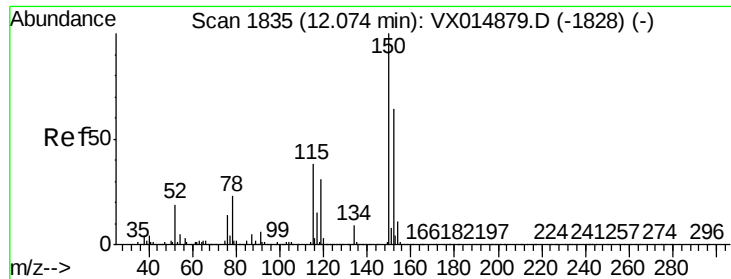
Tot Ion:106 Resp: 403246
Ion Ratio Lower Upper
106 100
91 200.2 160.6 240.8



#69
o-Xylene
Concen: 14.154 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014964.D
Acq: 19 Feb 2020 13:30

Tgt Ion:106 Resp: 119734
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014964.D

Acq: 19 Feb 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

WFD-GW-01-23

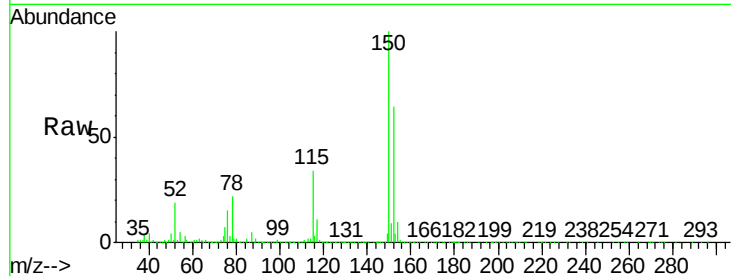
Tot Ion:152 Resp: 340583

Ion Ratio Lower Upper

152 100

115 55.5 38.6 116.0

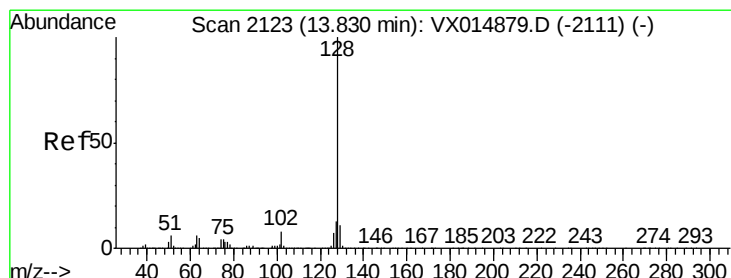
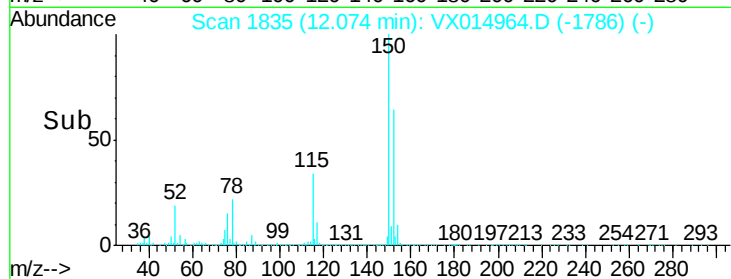
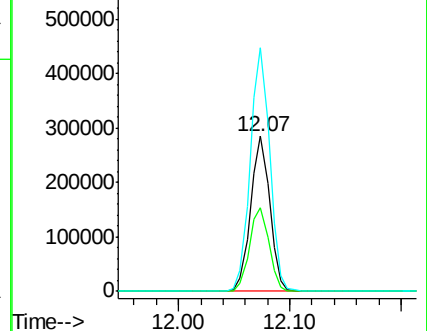
150 158.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 0.630 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014964.D

Acq: 19 Feb 2020 13:30

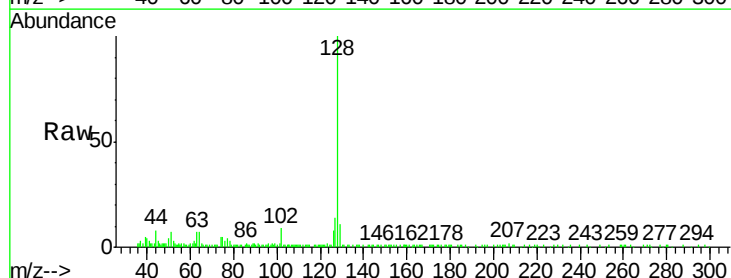
Tgt Ion:128 Resp: 12967

Ion Ratio Lower Upper

128 100

127 17.8 10.4 15.6#

129 15.2 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

