

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014965.D
 Acq On : 19 Feb 2020 13:53
 Operator : JC/SP
 Sample : L1578-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 20 00:56:46 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

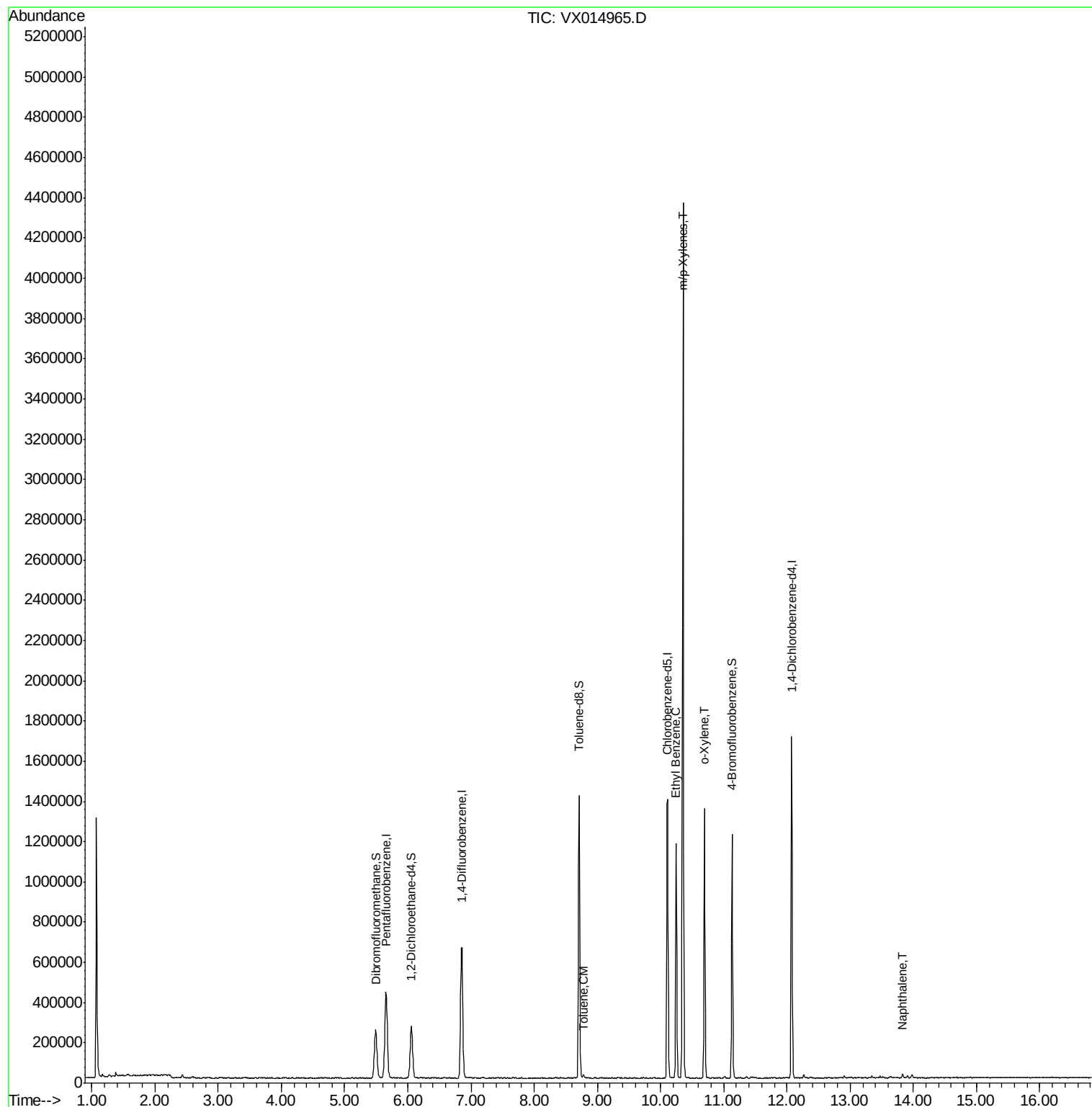
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	663936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	249755	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	5.49	113	210801	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	8.71	98	831079	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.13	95	315520	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
Target Compounds						
52) Toluene	8.78	92	6687	0.572	ug/l	93
67) Ethyl Benzene	10.24	91	684345	29.881	ug/l	99
68) m/p-Xylenes	10.35	106	1029826	116.725	ug/l	98
69) o-Xylene	10.70	106	298445	35.190	ug/l	100
95) Naphthalene	13.83	128	13575	0.636	ug/l #	94

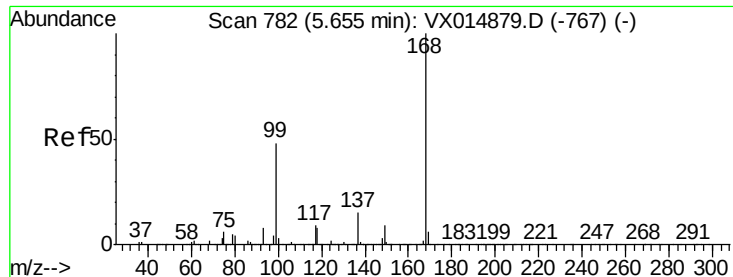
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 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: VX014965.D

Acq: 19 Feb 2020 13:53

Instrument :

MSVOA_X

ClientSampleId :

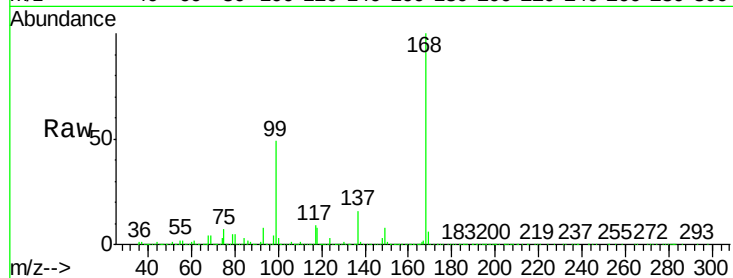
WFD-WC-L-01

Tot Ion:168 Resp: 437292

Ion Ratio Lower Upper

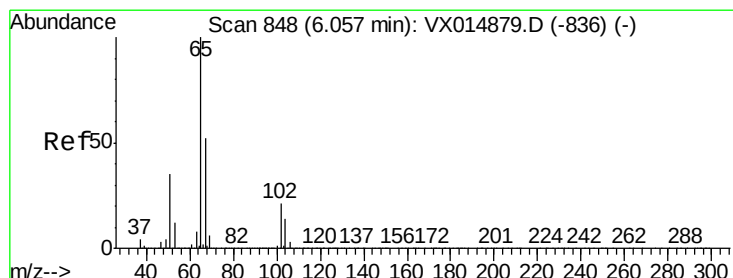
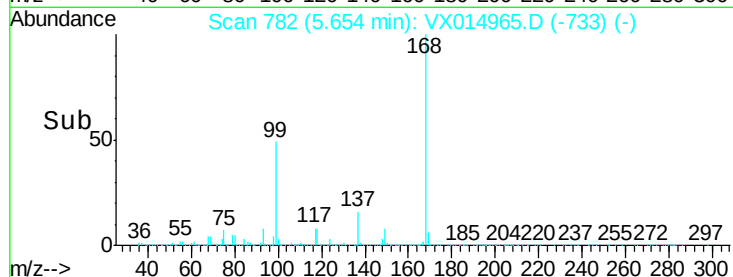
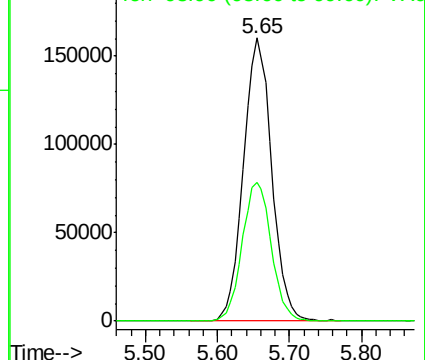
168 100

99 48.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.607 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014965.D

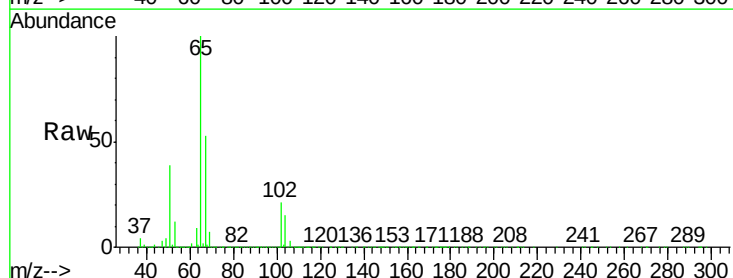
Acq: 19 Feb 2020 13:53

Tgt Ion: 65 Resp: 249755

Ion Ratio Lower Upper

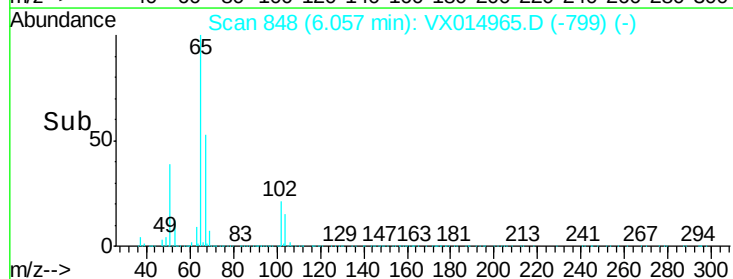
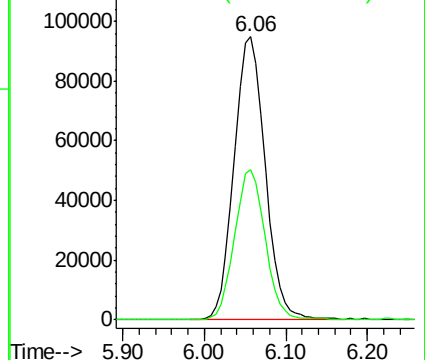
65 100

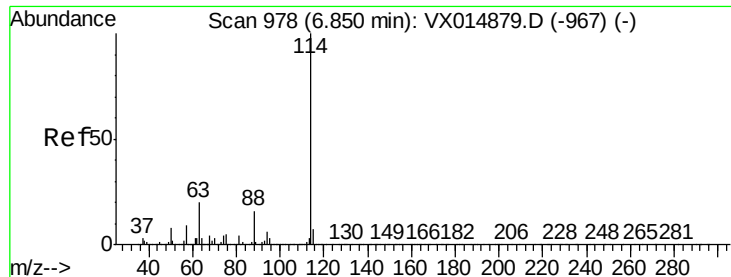
67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

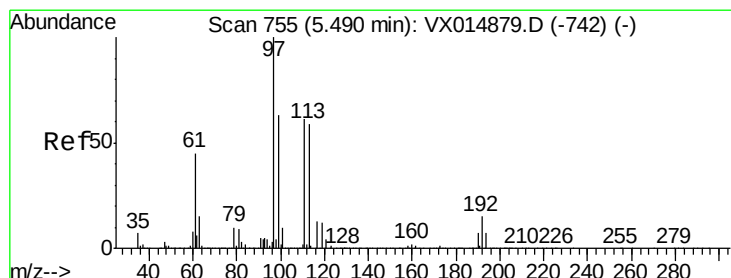
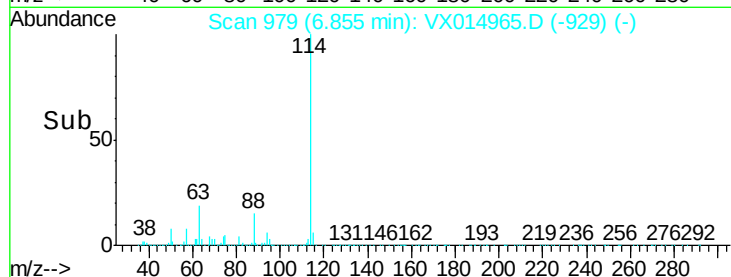
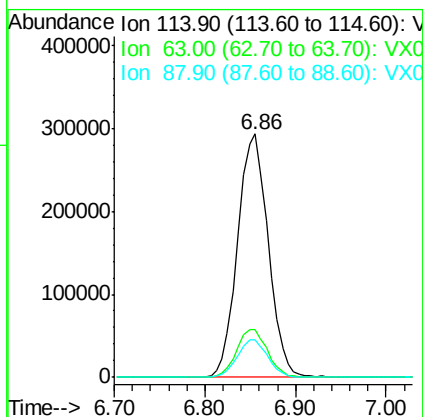
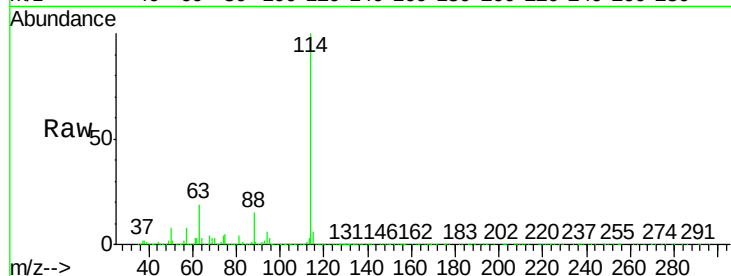




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX014965.D
Acq: 19 Feb 2020 13:53

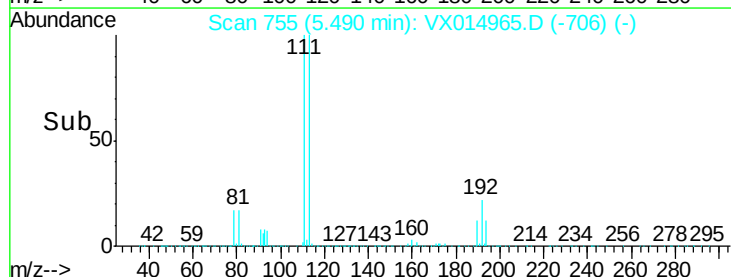
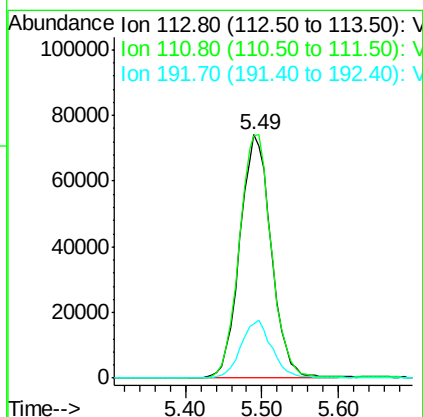
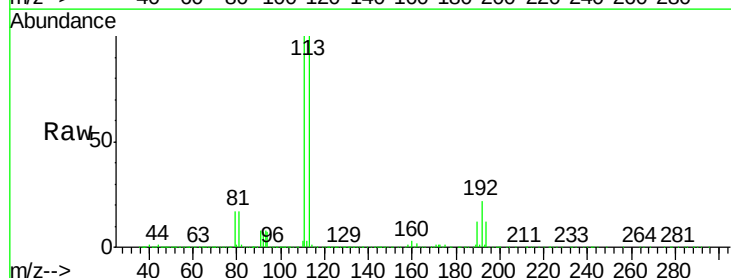
Instrument :
MSVOA_X
ClientSampleId :
WFD-WC-L-01

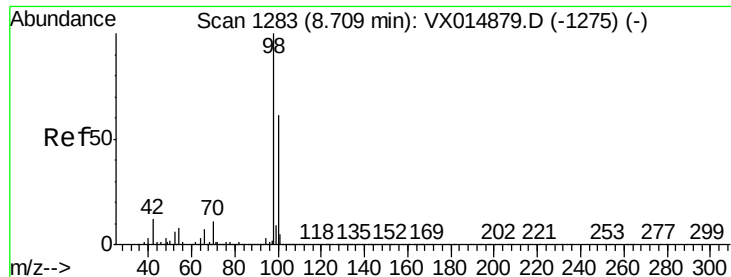
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.2
88	15.4	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.785 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014965.D
Acq: 19 Feb 2020 13:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	23.6	19.1	28.7





#50

Toluene-d8

Concen: 51.420 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014965.D

Acq: 19 Feb 2020 13:53

Instrument :

MSVOA_X

ClientSampleId :

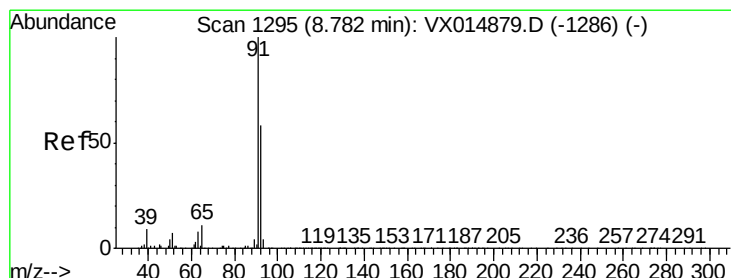
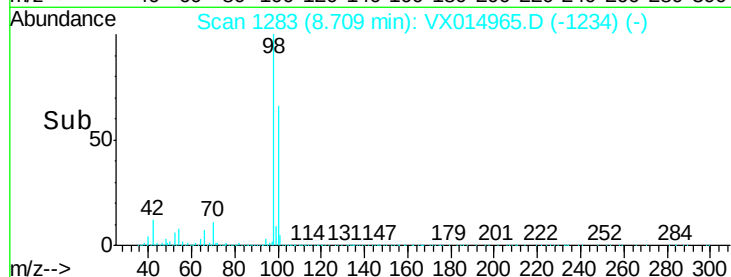
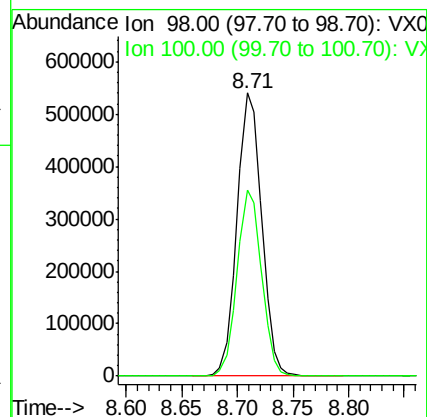
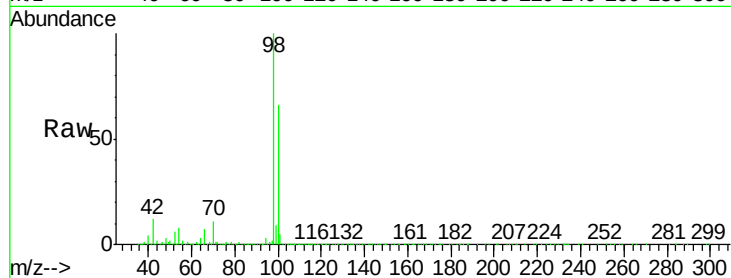
WFD-WC-L-01

Tot Ion: 98 Resp: 831079

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#52

Toluene

Concen: 0.572 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014965.D

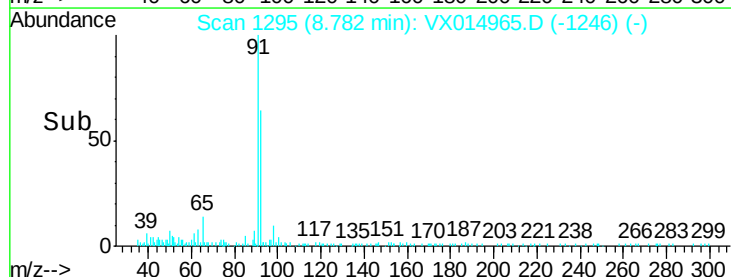
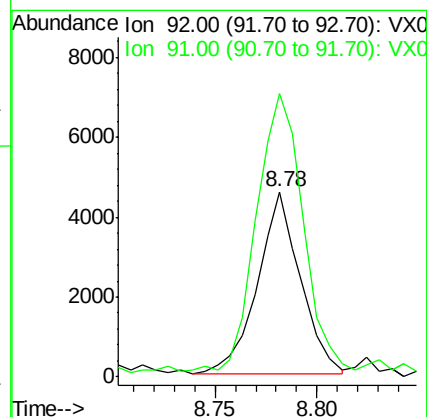
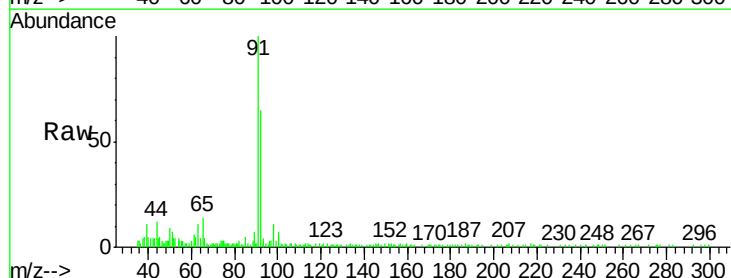
Acq: 19 Feb 2020 13:53

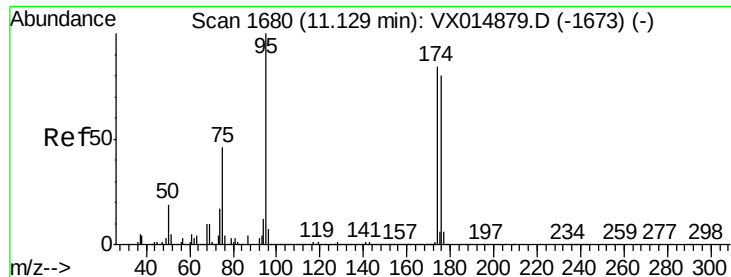
Tgt Ion: 92 Resp: 6687

Ion Ratio Lower Upper

92 100

91 161.7 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 54.192 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014965.D

Acq: 19 Feb 2020 13:53

Instrument :

MSVOA_X

ClientSampleId :

WFD-WC-L-01

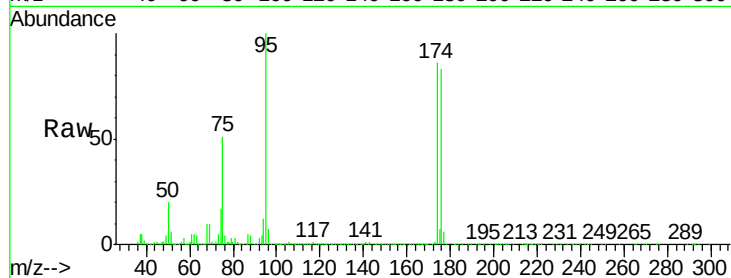
Tot Ion: 95 Resp: 315520

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.0

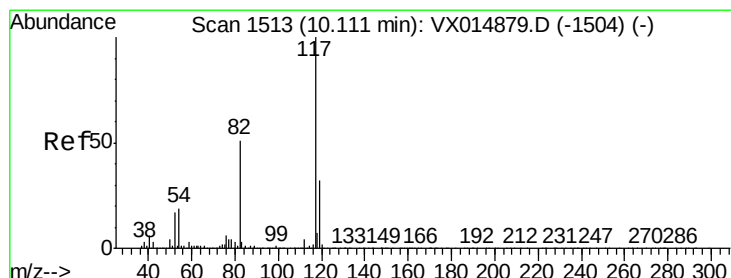
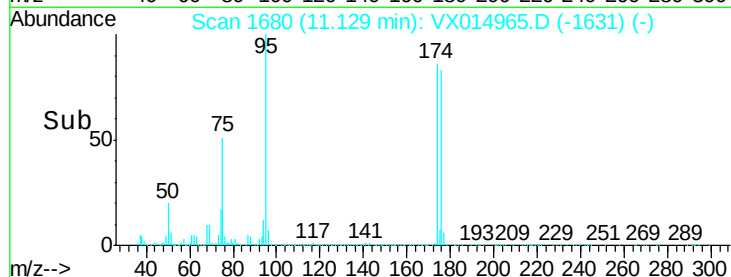
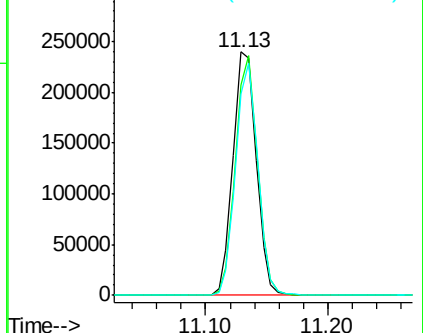
176 90.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014965.D

Acq: 19 Feb 2020 13:53

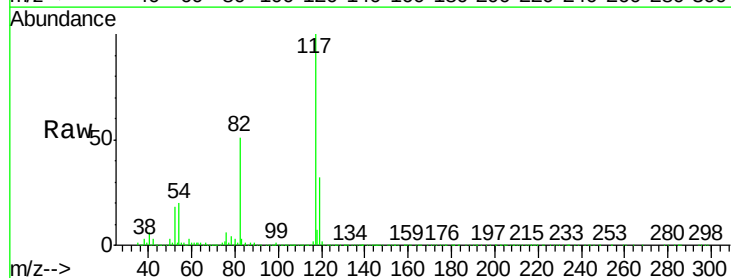
Tgt Ion: 117 Resp: 663936

Ion Ratio Lower Upper

117 100

82 51.4 40.5 60.7

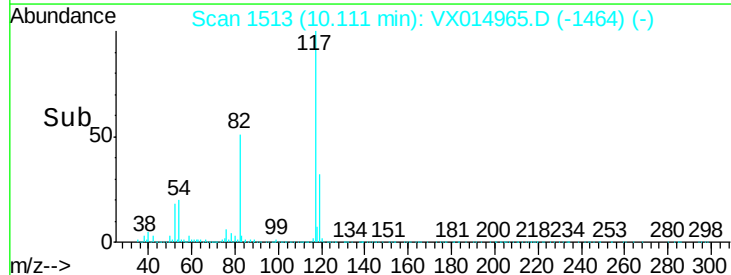
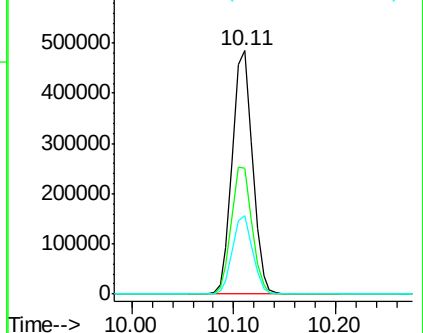
119 32.3 25.8 38.6

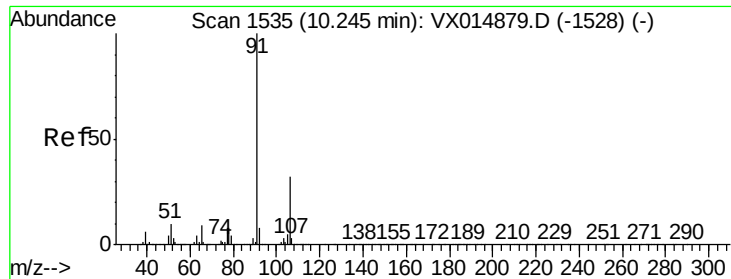


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

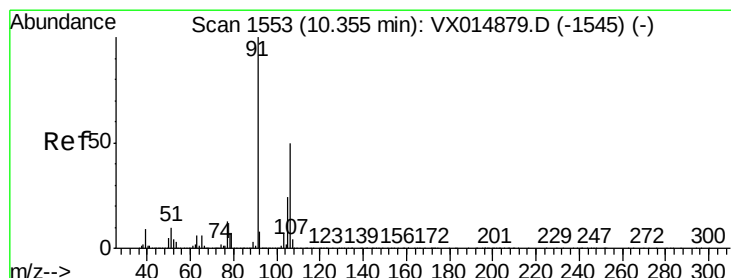
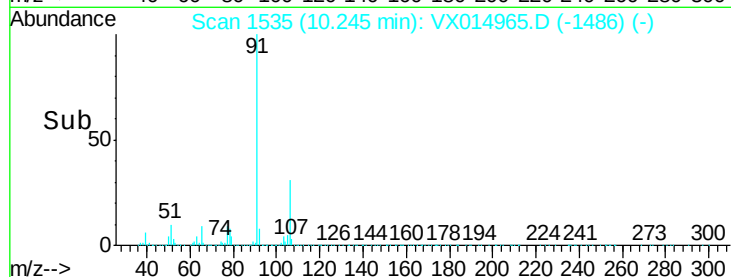
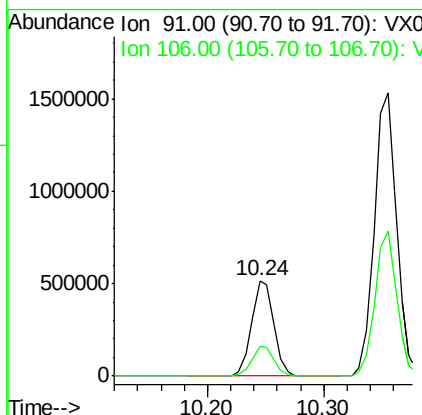
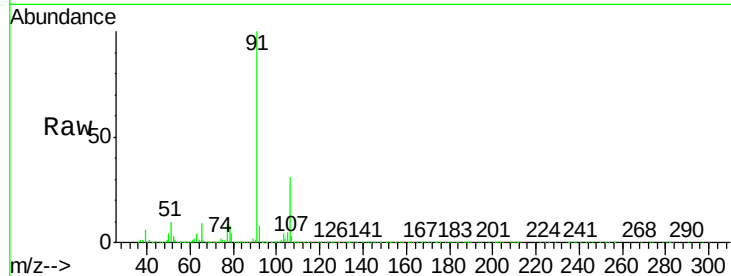




#67
Ethyl Benzene
Concen: 29.881 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014965.D
Acq: 19 Feb 2020 13:53

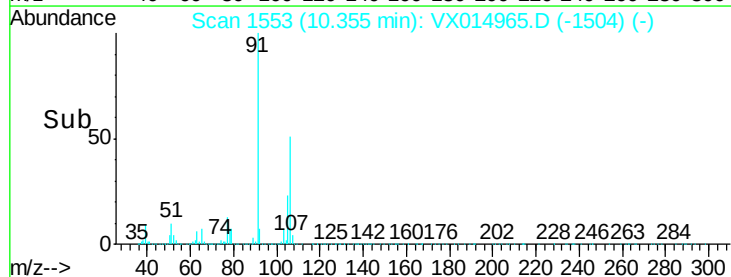
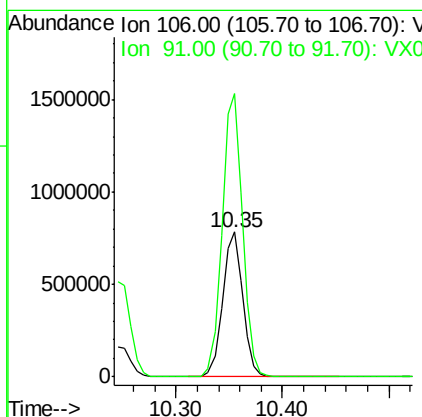
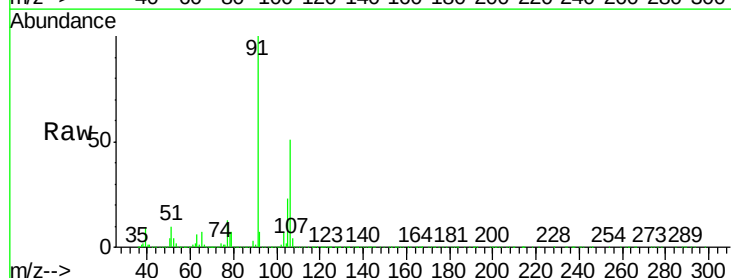
Instrument :
MSVOA_X
ClientSampleId :
WFD-WC-L-01

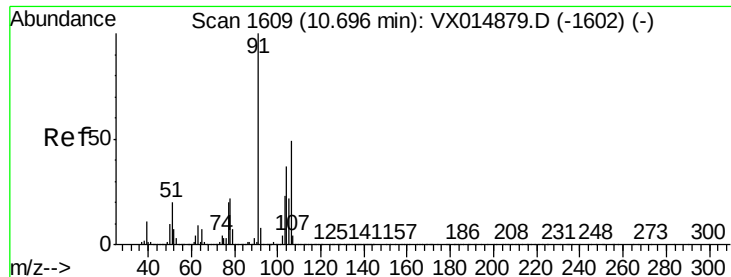
Tot Ion: 91 Resp: 684345
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 116.725 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014965.D
Acq: 19 Feb 2020 13:53

Tgt Ion: 106 Resp: 1029826
Ion Ratio Lower Upper
106 100
91 197.9 160.6 240.8

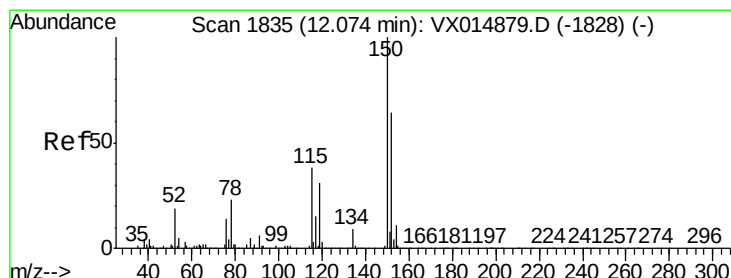
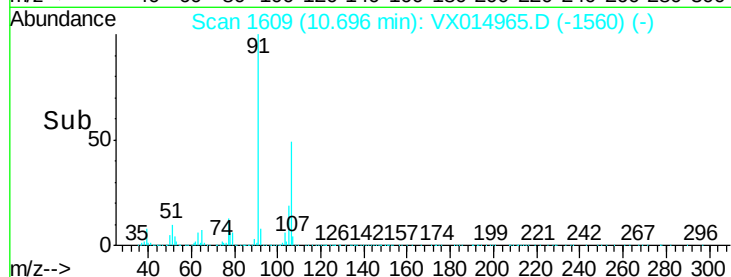
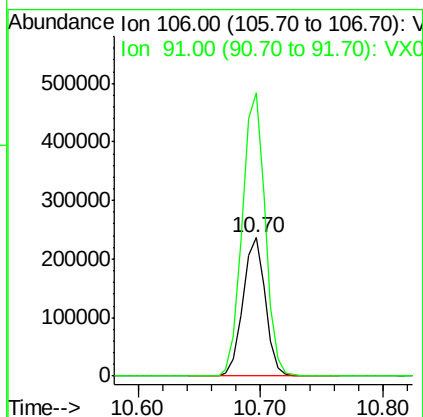
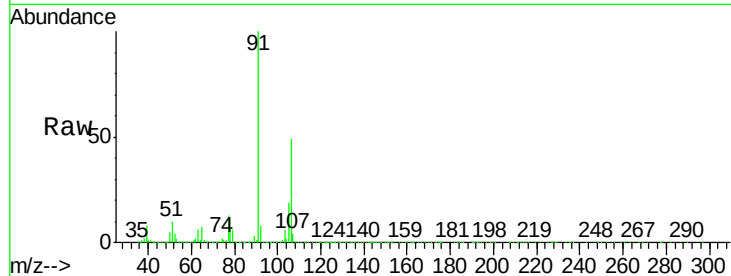




#69
o-Xylene
Concen: 35.190 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014965.D
Acq: 19 Feb 2020 13:53

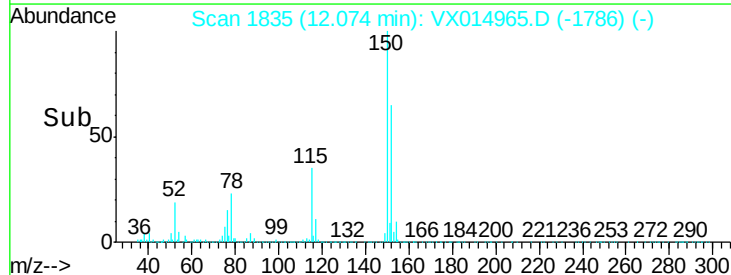
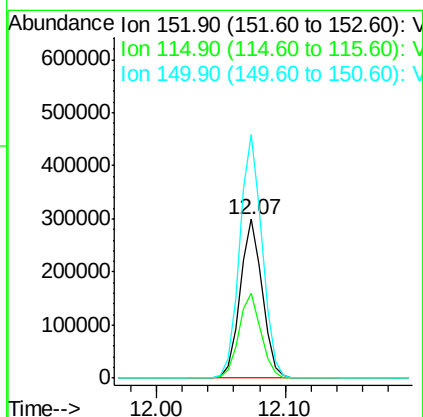
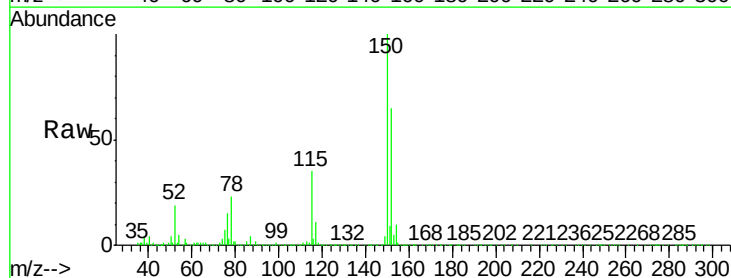
Instrument :
MSVOA_X
ClientSampled :
WFD-WC-L-01

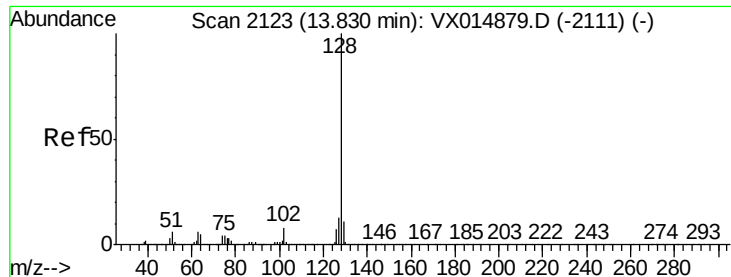
Tot Ion:106 Resp: 298445
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014965.D
Acq: 19 Feb 2020 13:53

Tgt Ion:152 Resp: 353398
Ion Ratio Lower Upper
152 100
115 54.2 38.6 116.0
150 155.8 0.0 349.0

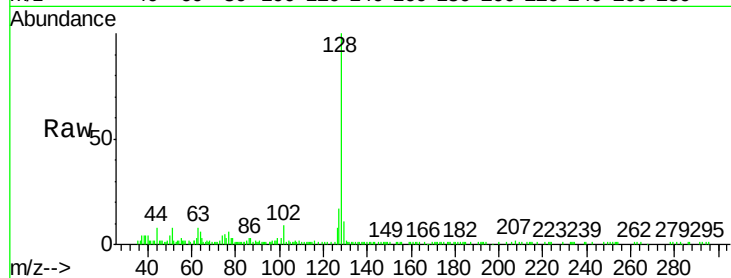




#95
Naphthalene
Concen: 0.636 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014965.D
Acq: 19 Feb 2020 13:53

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.4	15.6
129	13.7	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

