

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014114.D
 Acq On : 19 Dec 2019 12:08
 Operator : JC/SP
 Sample : VX1219WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBL02

Quant Time: Dec 20 01:24:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	551171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	761614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	306860	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.49	113	254116	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	1008989	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	330570	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

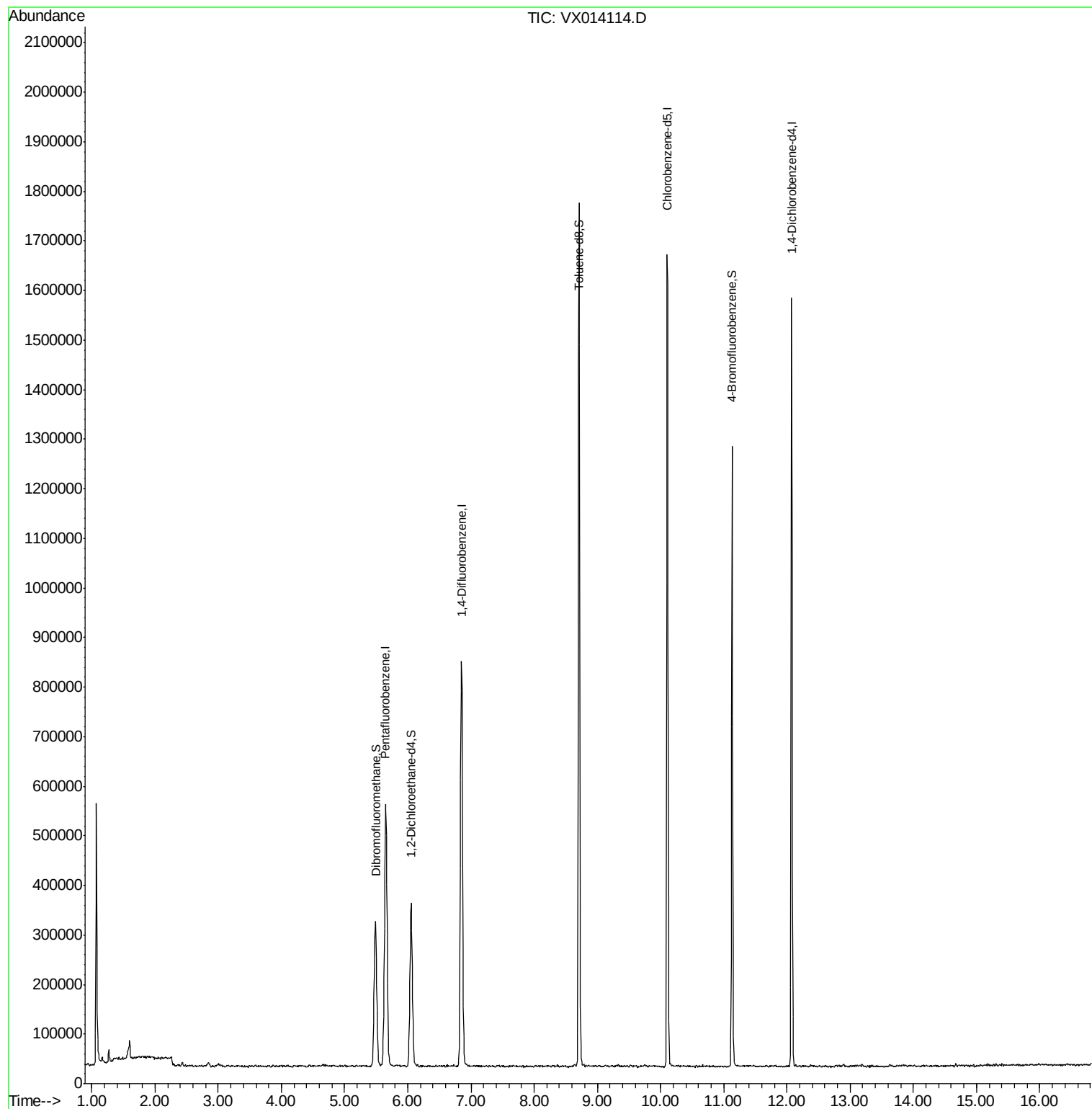
Target Compounds	Qvalue

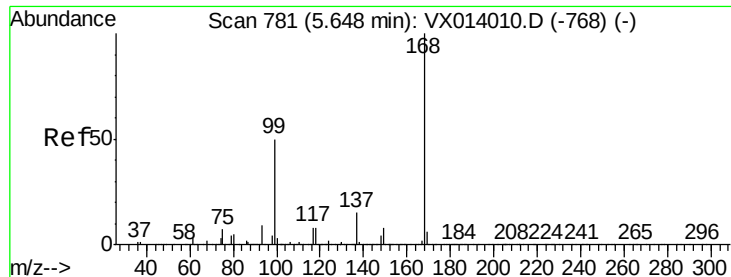
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

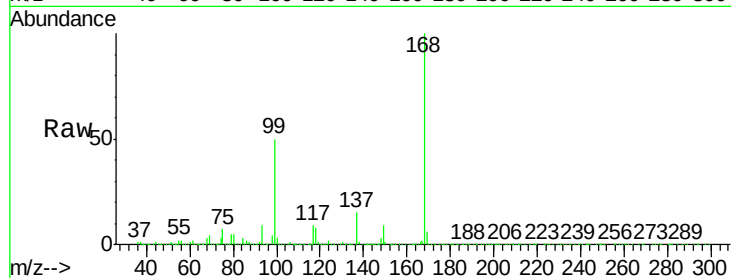
VX1219WBL02

Tot Ion:168 Resp: 551171

Ion Ratio Lower Upper

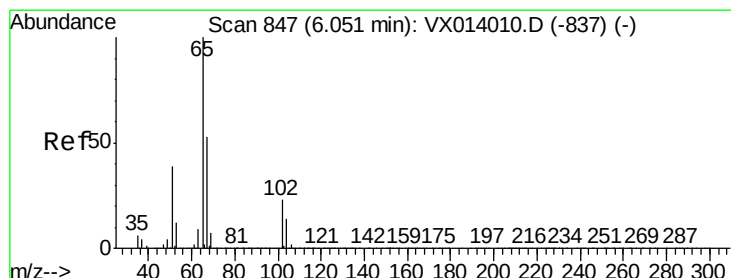
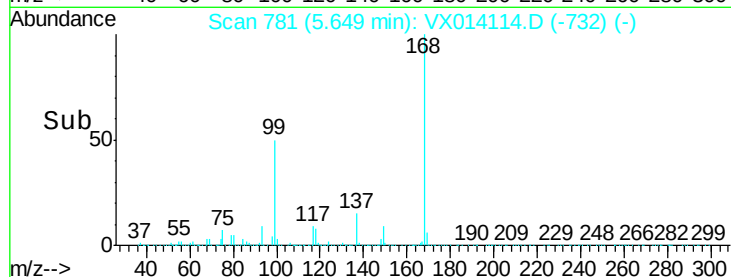
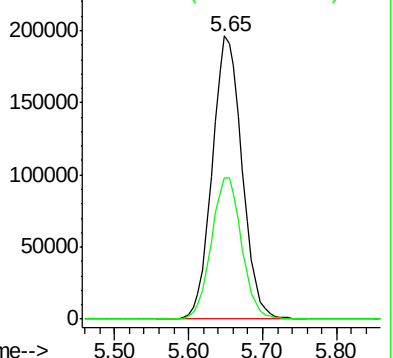
168 100

99 49.7 40.3 60.5



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: 49.123 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014114.D

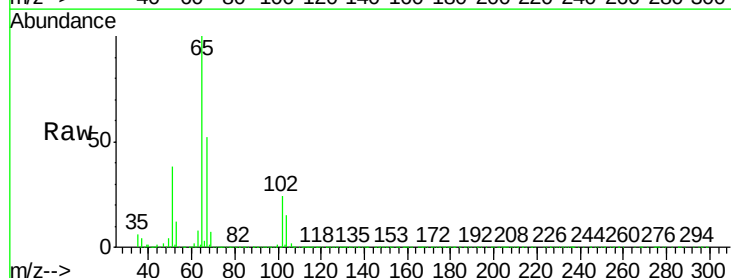
Acq: 19 Dec 2019 12:08

Tgt Ion: 65 Resp: 306860

Ion Ratio Lower Upper

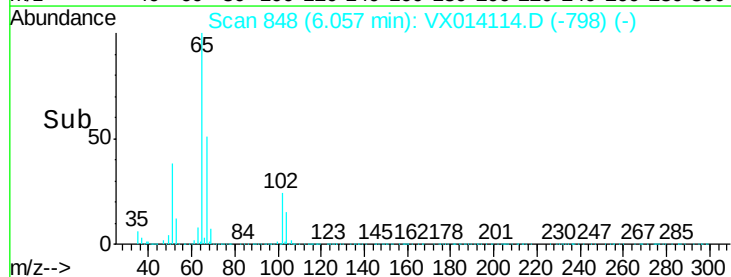
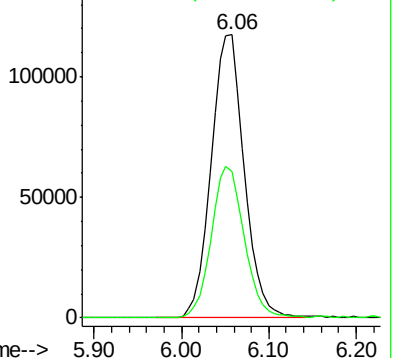
65 100

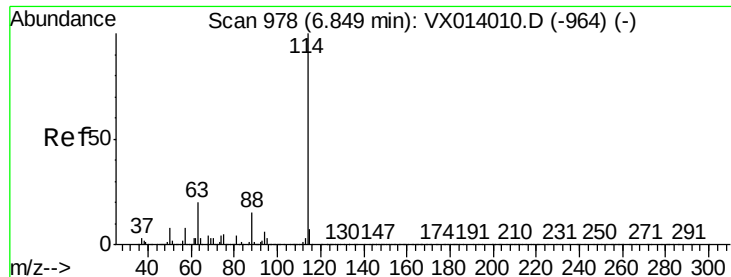
67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

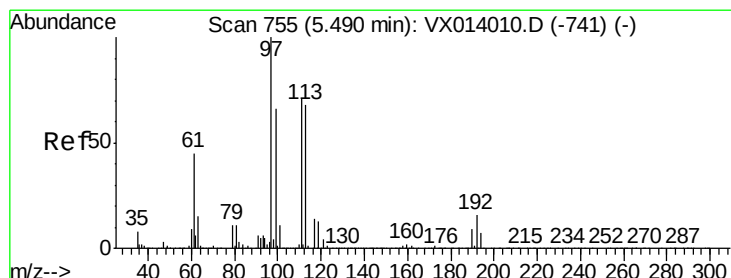
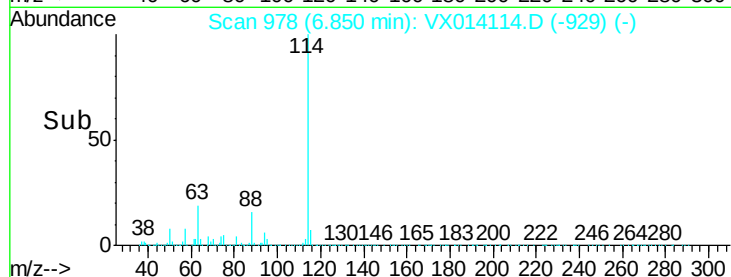
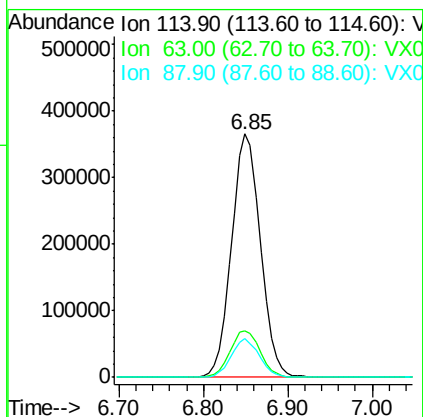
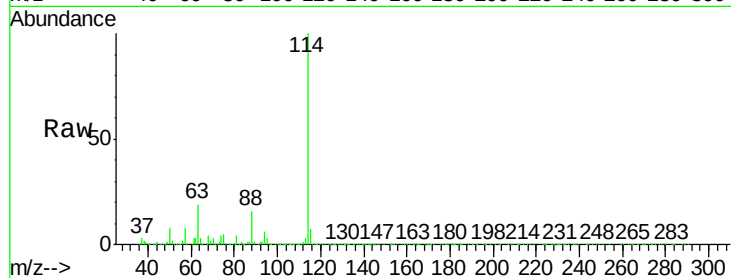




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

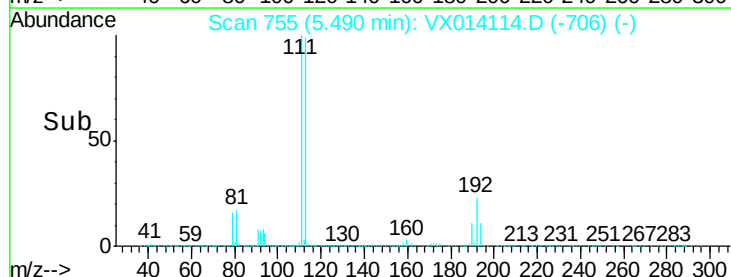
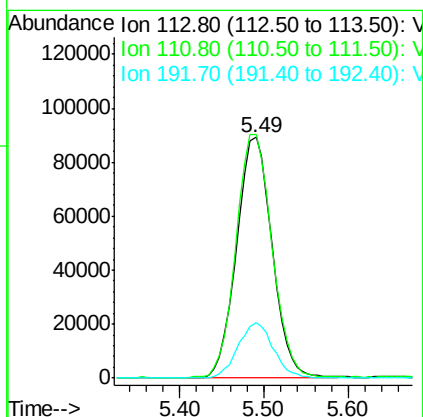
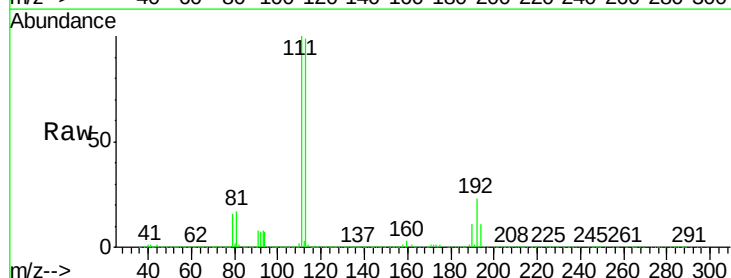
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL02

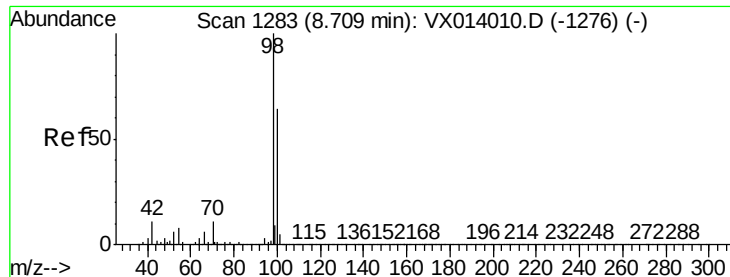
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	15.9	0.0	30.4



#35
Dibromofluoromethane
Concen: 49.440 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	22.6	19.3	28.9





#50

Toluene-d8

Concen: 50.423 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

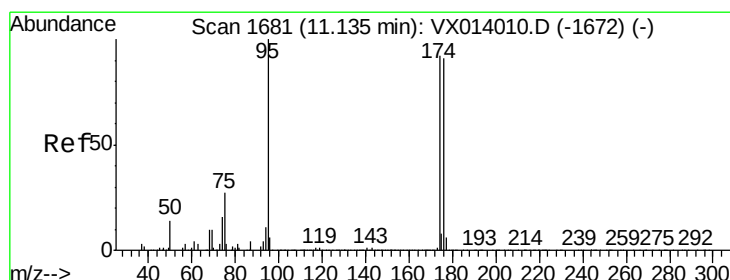
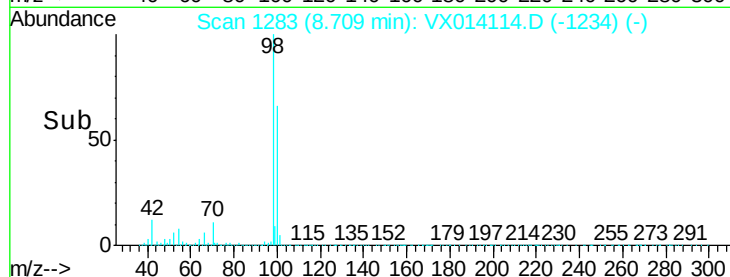
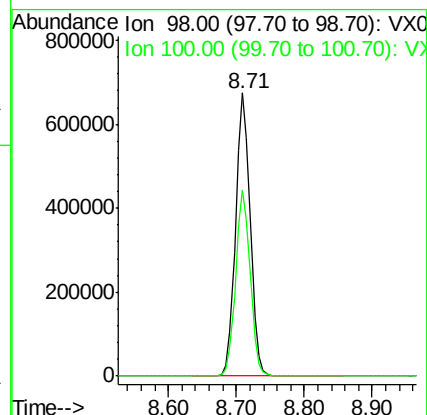
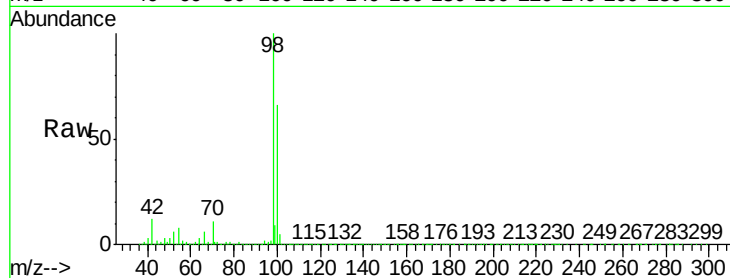
VX1219WBL02

Tot Ion: 98 Resp: 1008989

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.192 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

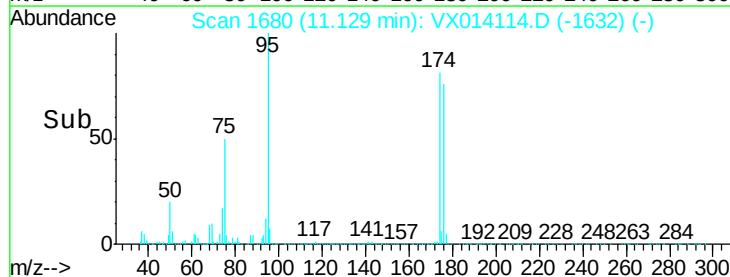
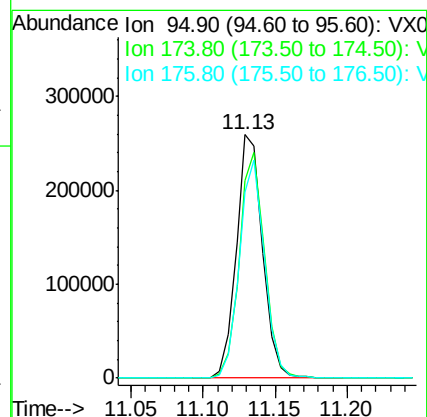
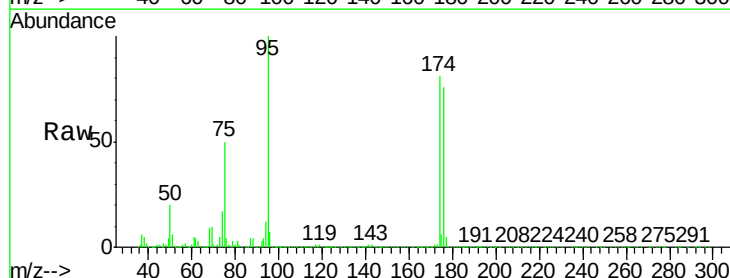
Tgt Ion: 95 Resp: 330570

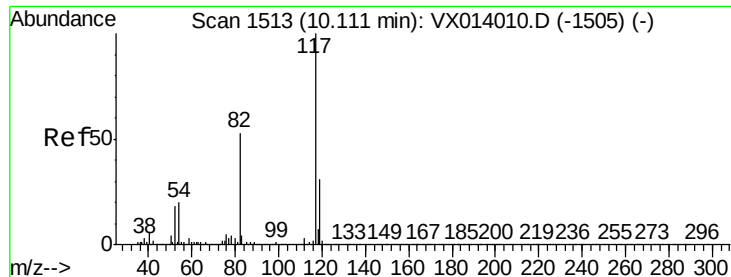
Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.8

176 85.9 0.0 173.0

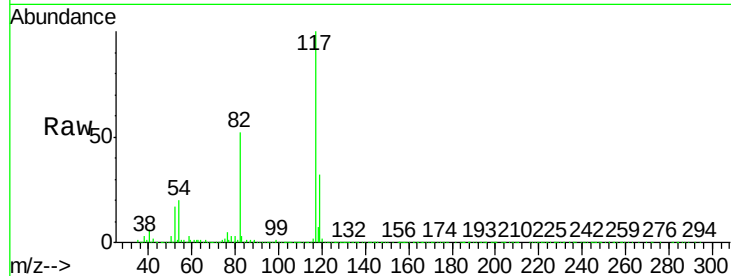




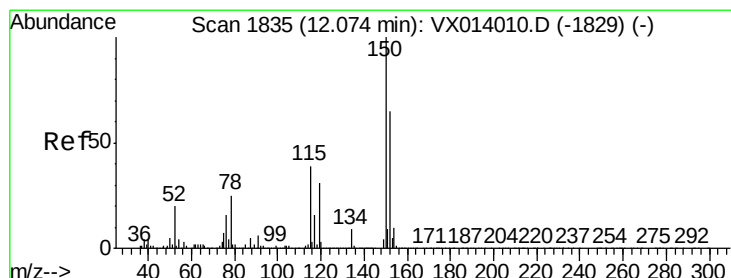
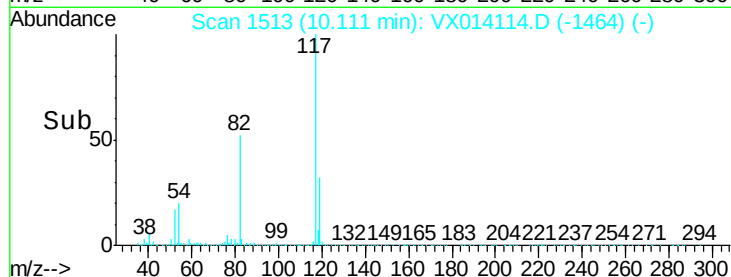
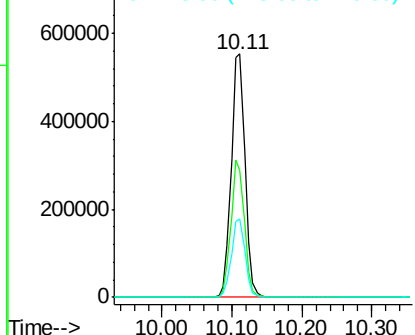
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	32.0	25.1	37.7

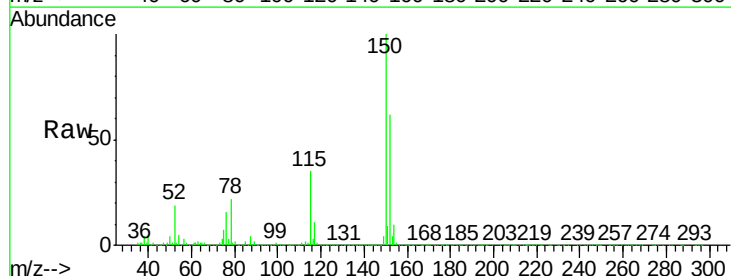


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.3	114.9
150	157.0	0.0	345.4



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

