

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012154.D
 Acq On : 06 Sep 2019 18:01
 Operator : SY/SP
 Sample : K4601-11
 Misc : 2.85g/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F1-(0)

Quant Time: Sep 07 02:14:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103798	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	5.48	113	77441	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.71	98	304533	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.14	95	113974	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	

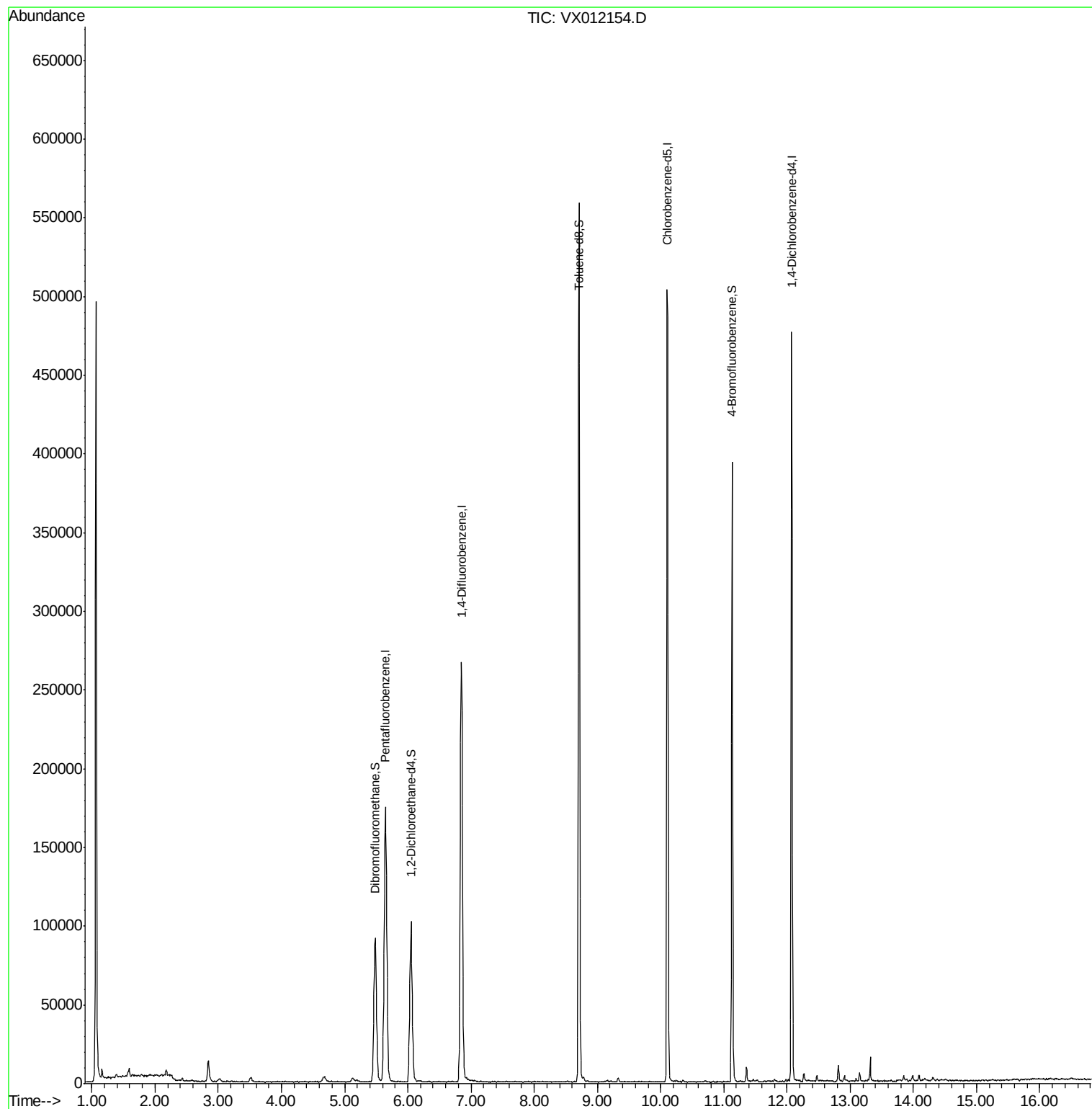
Target Compounds	Qvalue

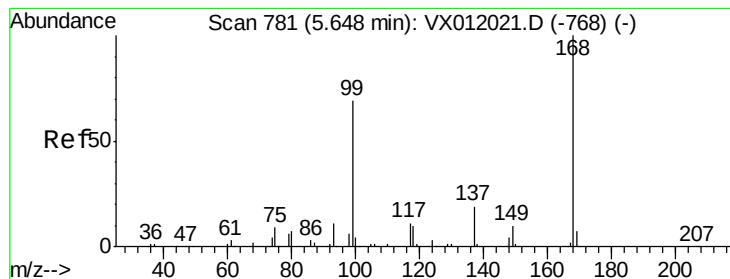
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012154.D

Acq: 06 Sep 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

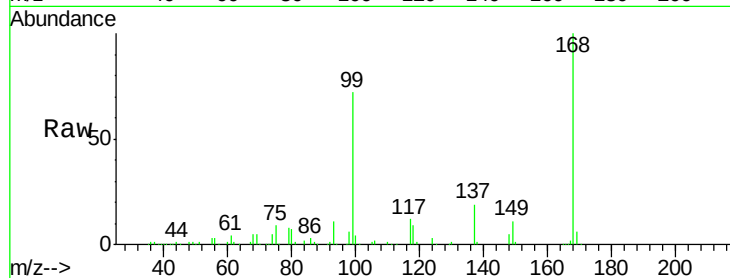
T12-F1-(0)

Tot Ion:168 Resp: 147179

Ion Ratio Lower Upper

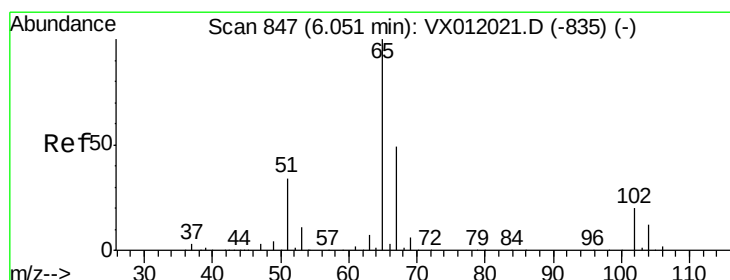
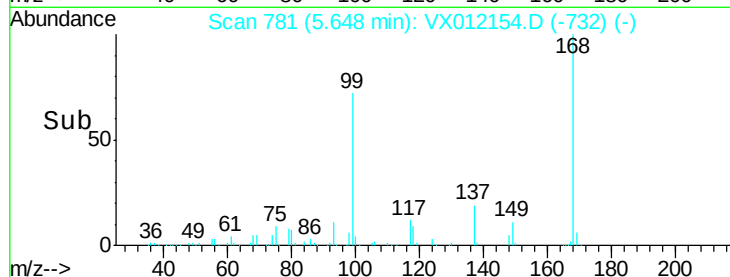
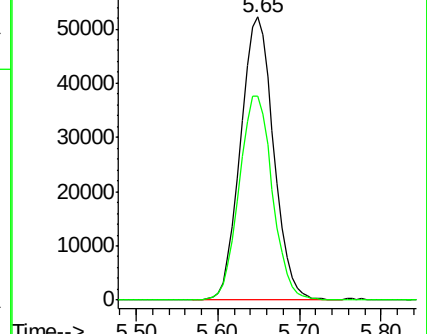
168 100

99 72.2 37.6 56.4#



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: 51.112 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012154.D

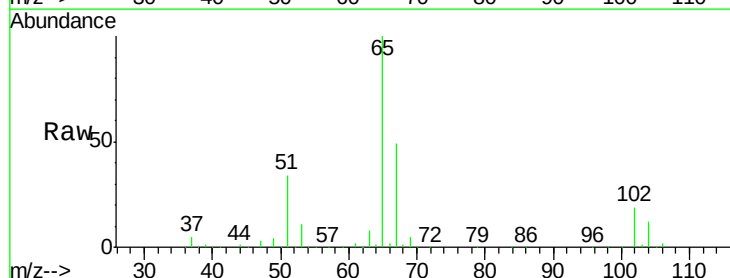
Acq: 06 Sep 2019 18:01

Tgt Ion: 65 Resp: 103798

Ion Ratio Lower Upper

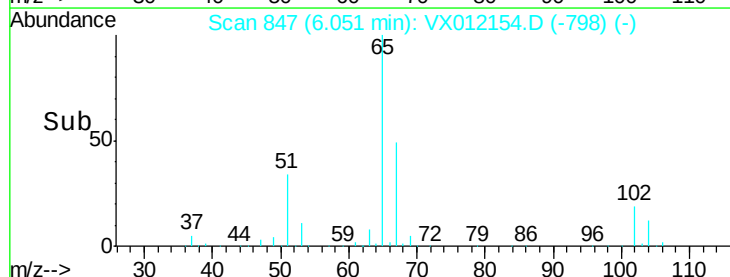
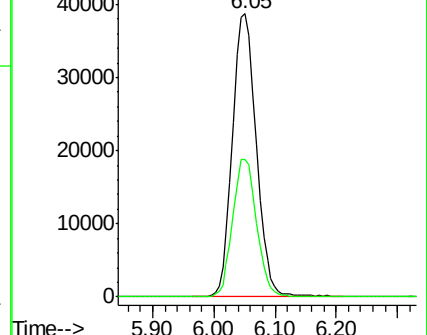
65 100

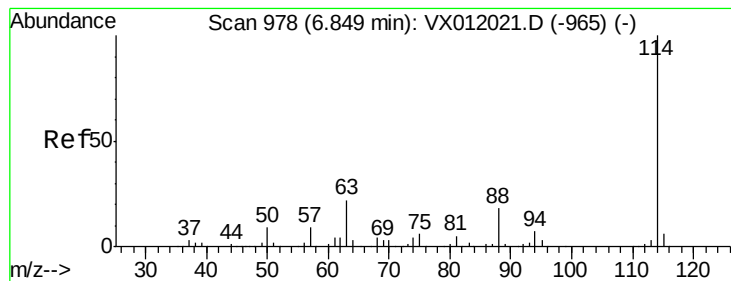
67 48.8 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012154.D

Acq: 06 Sep 2019 18:01

Instrument :

MSVOA_X

ClientSampled :

T12-F1-(0)

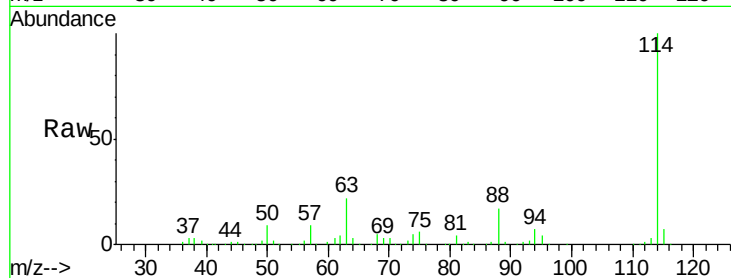
Tot Ion:114 Resp: 257844

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

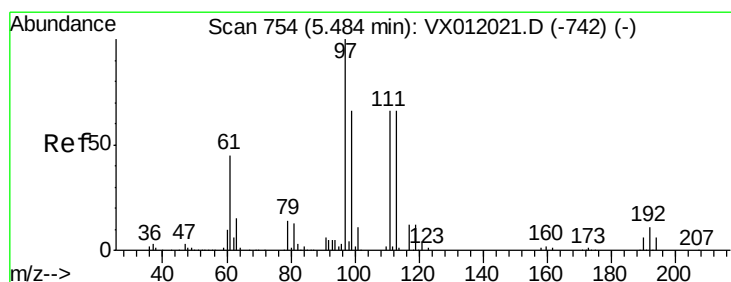
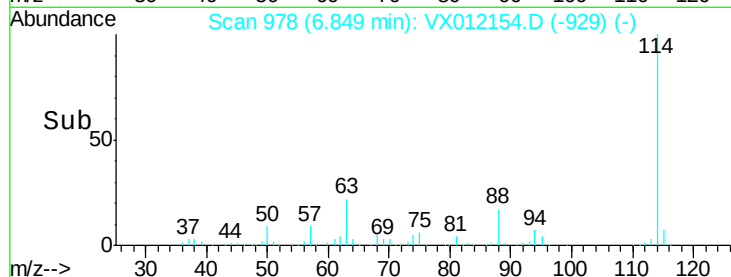
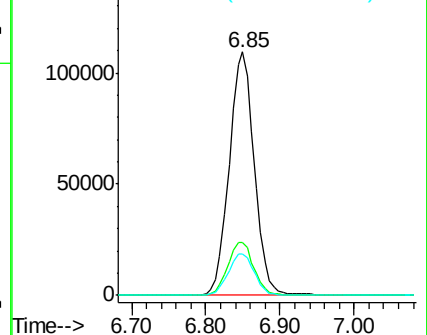
88 17.2 0.0 29.6



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: 48.838 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012154.D

Acq: 06 Sep 2019 18:01

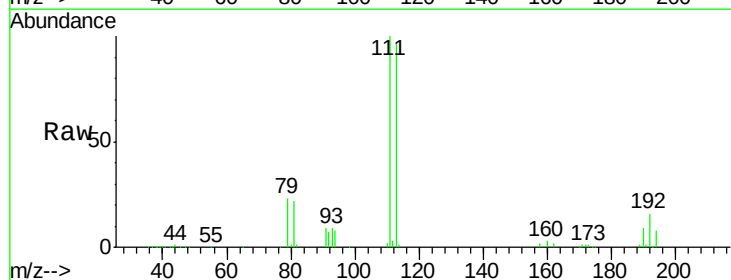
Tgt Ion:113 Resp: 77441

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

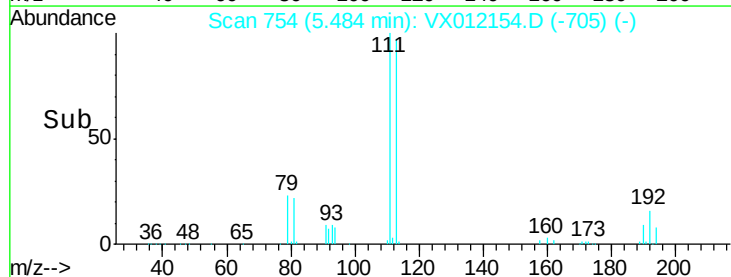
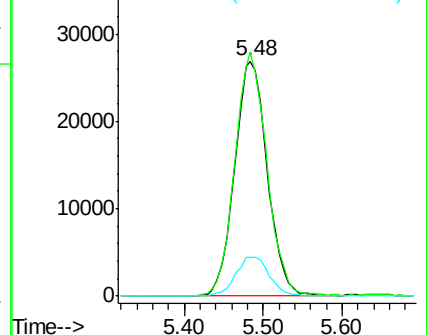
192 17.2 22.5 33.7#

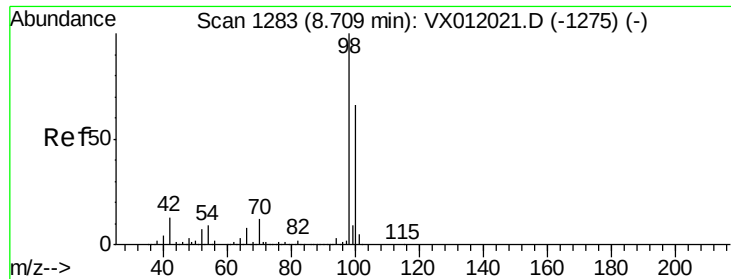


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.337 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012154.D

Acq: 06 Sep 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

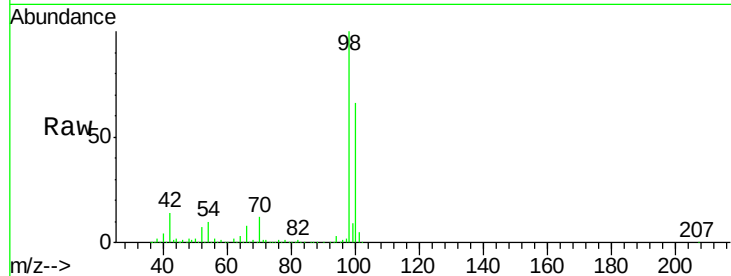
T12-F1-(0)

Tot Ion: 98 Resp: 304533

Ion Ratio Lower Upper

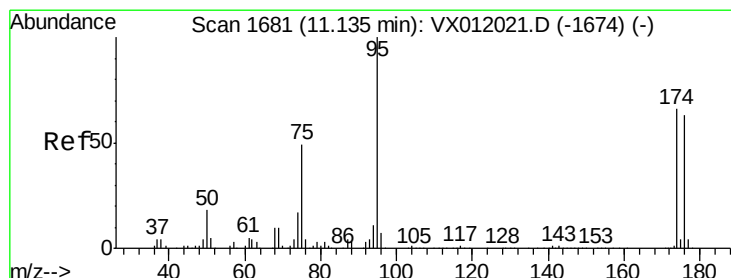
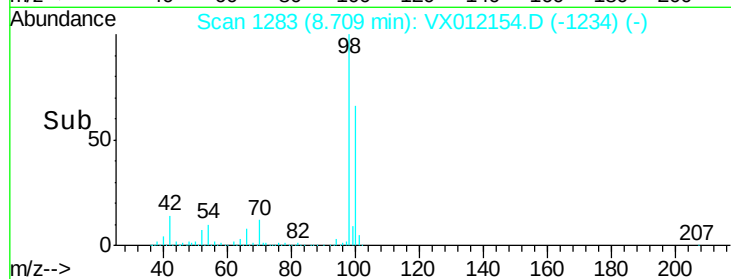
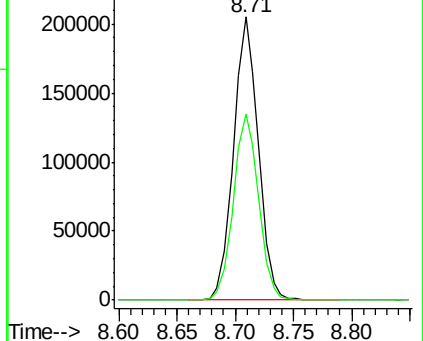
98 100

100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.119 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012154.D

Acq: 06 Sep 2019 18:01

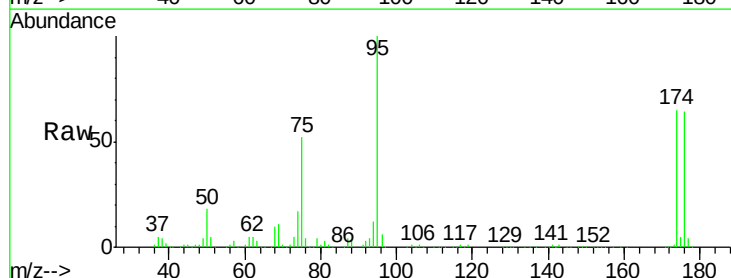
Tgt Ion: 95 Resp: 113974

Ion Ratio Lower Upper

95 100

174 62.1 0.0 205.4

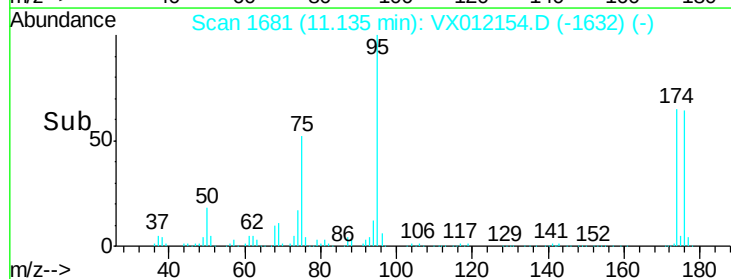
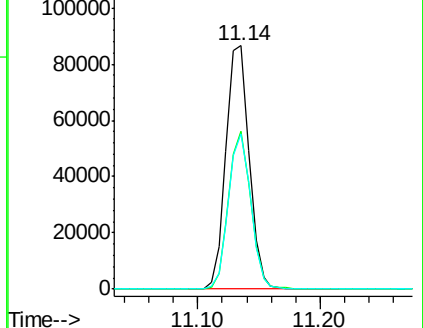
176 61.4 0.0 201.8

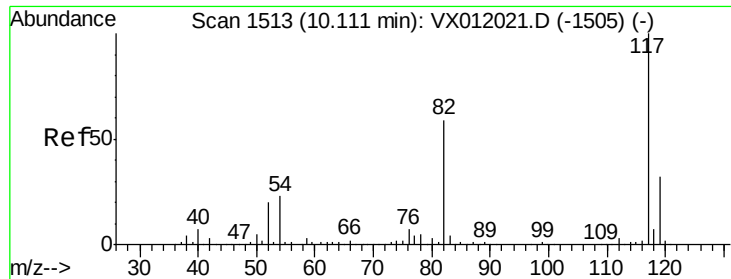


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

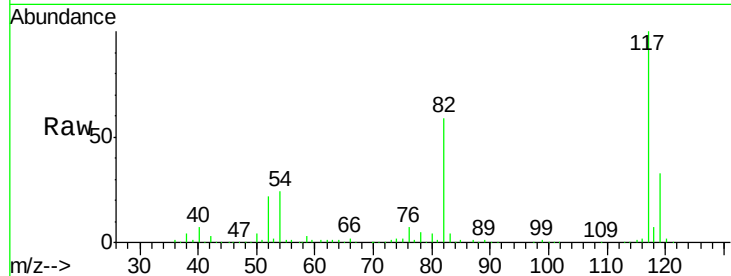




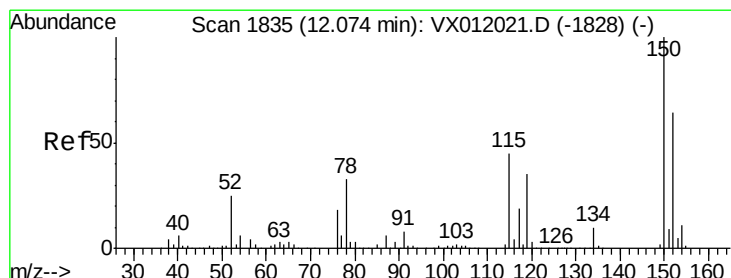
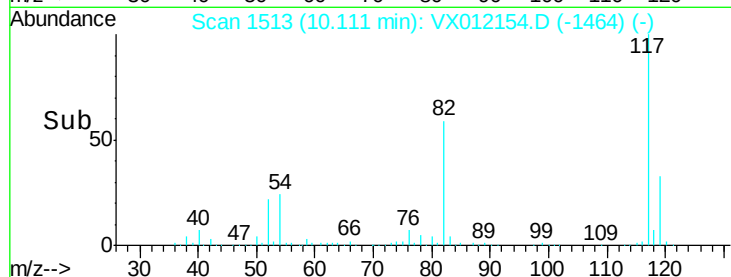
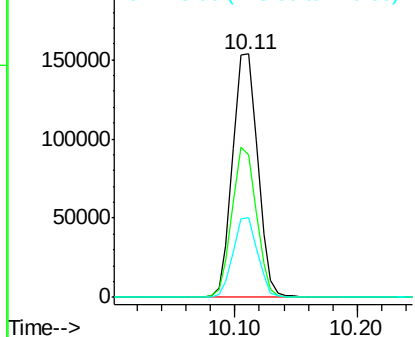
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012154.D
Acq: 06 Sep 2019 18:01

Instrument :
MSVOA_X
ClientSampleId :
T12-F1-(0)

Tot Ion:117 Resp: 218196
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 32.6 26.1 39.1

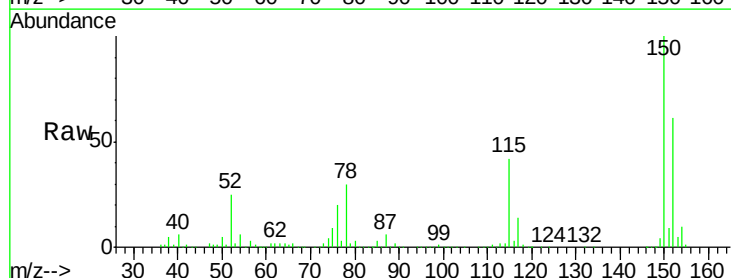


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012154.D
Acq: 06 Sep 2019 18:01

Tgt Ion:152 Resp: 84934
Ion Ratio Lower Upper
152 100
115 66.4 36.4 109.3
150 159.0 0.0 341.2



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

