

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009353.D
 Acq On : 06 May 2019 16:15
 Operator : JC/SP
 Sample : K2697-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190502

Quant Time: May 07 11:04:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113247	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120763	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
35) Dibromofluoromethane	5.50	113	90638	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	372846	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	121984	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	

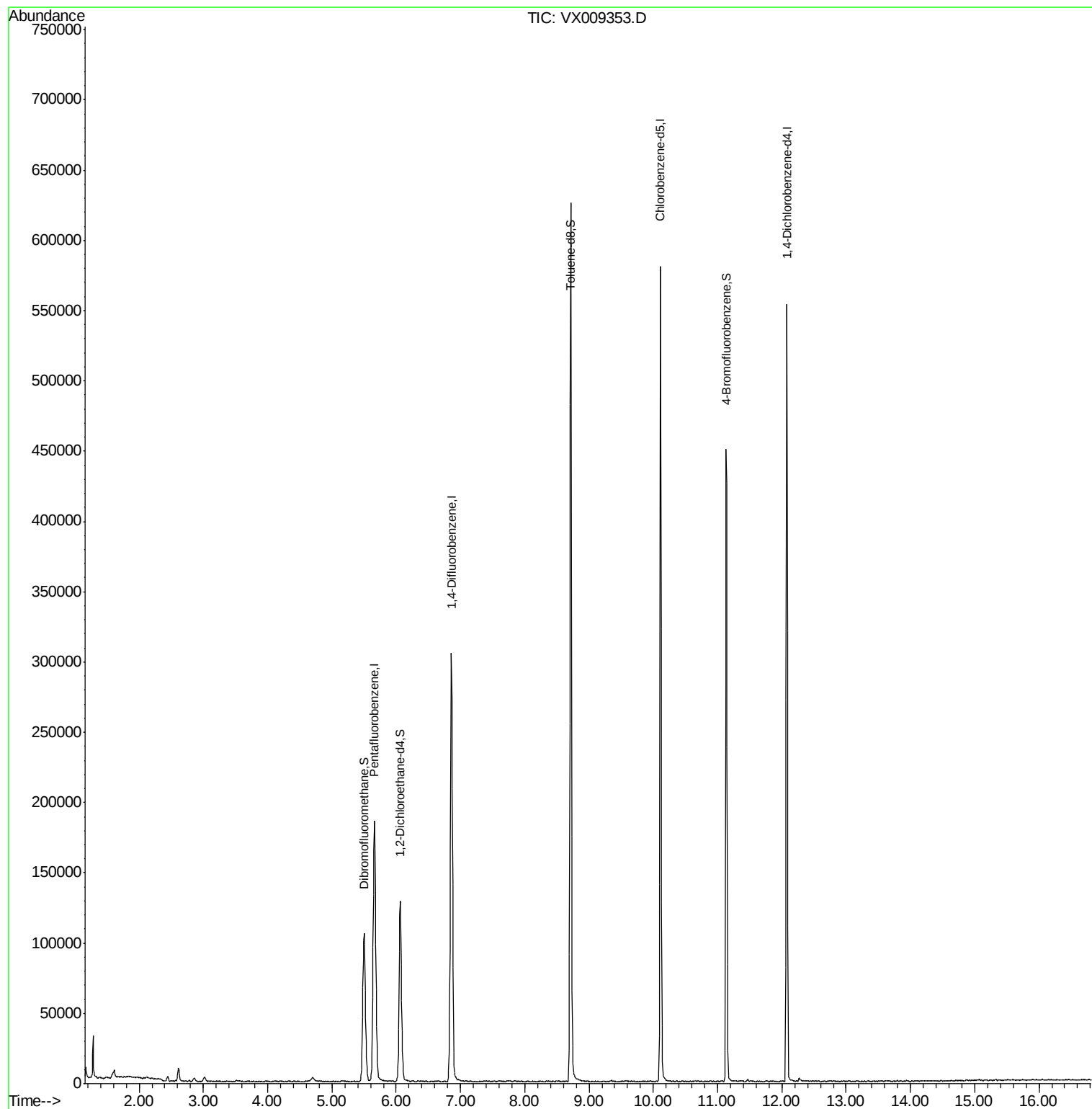
Target Compounds	Qvalue
------------------	--------

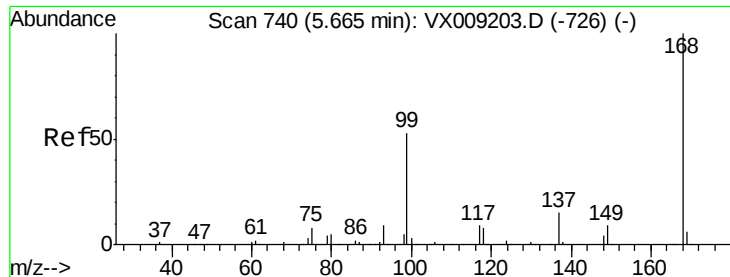
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050619\
Data File : VX009353.D
Acq On : 06 May 2019 16:15
Operator : JC/SP
Sample : K2697-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20190502

Quant Time: May 07 11:04:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009353.D

Acq: 06 May 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

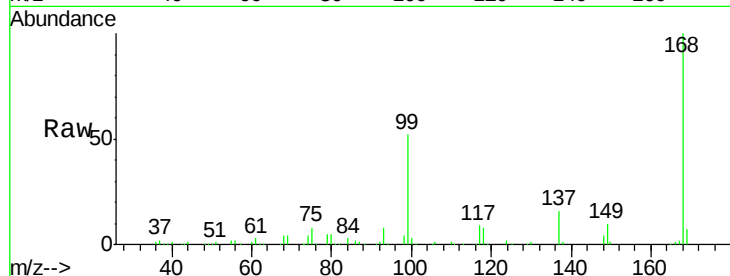
TB-20190502

Tot Ion:168 Resp: 184077

Ion Ratio Lower Upper

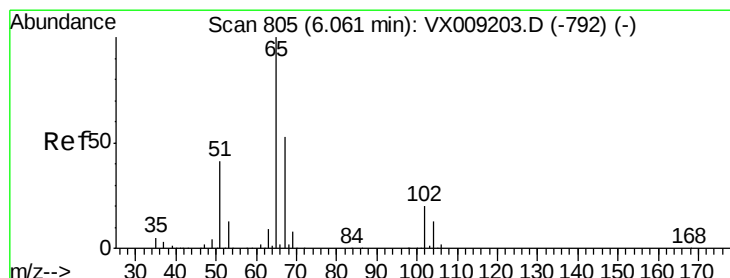
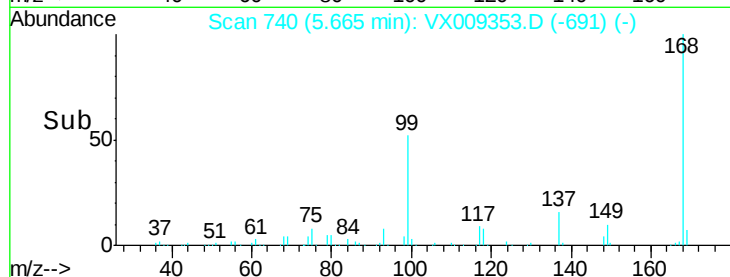
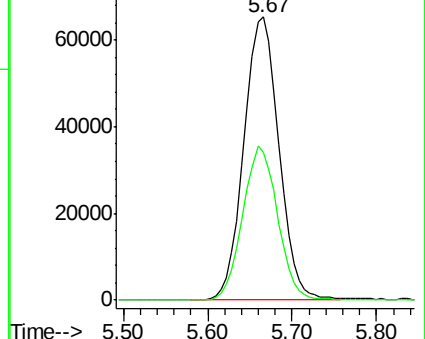
168 100

99 52.1 42.3 63.5



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: 48.058 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009353.D

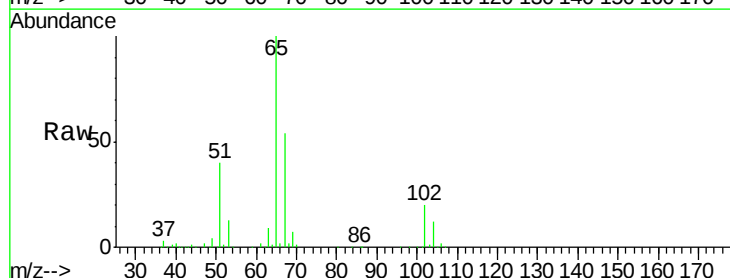
Acq: 06 May 2019 16:15

Tgt Ion: 65 Resp: 120763

Ion Ratio Lower Upper

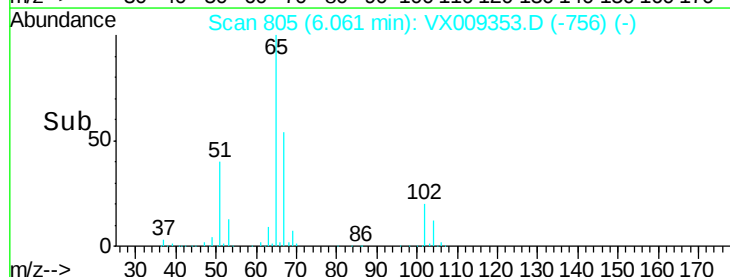
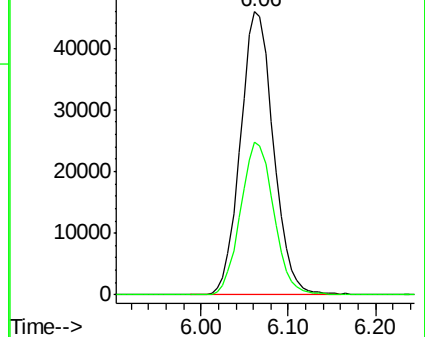
65 100

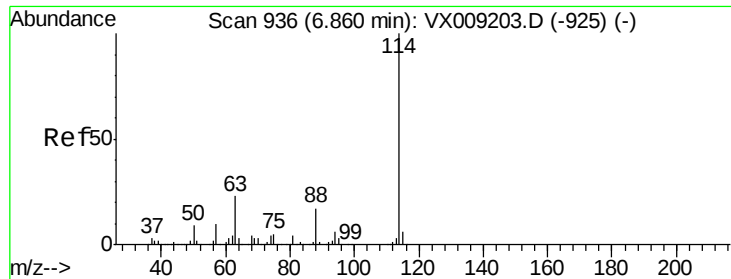
67 54.5 0.0 106.6



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# 936

Delta R.T. 0.00 min

Lab File: VX009353.D

Acq: 06 May 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

TB-20190502

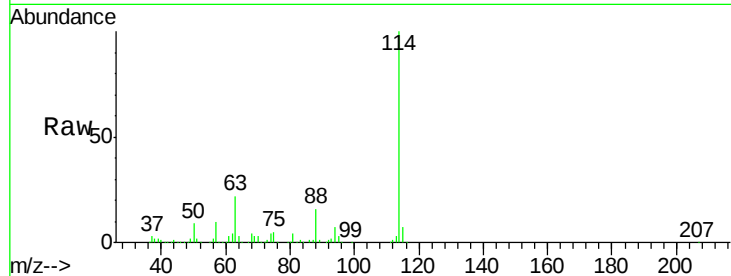
Tot Ion:114 Resp: 297818

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

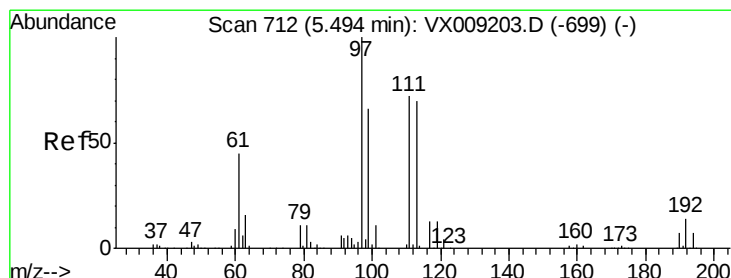
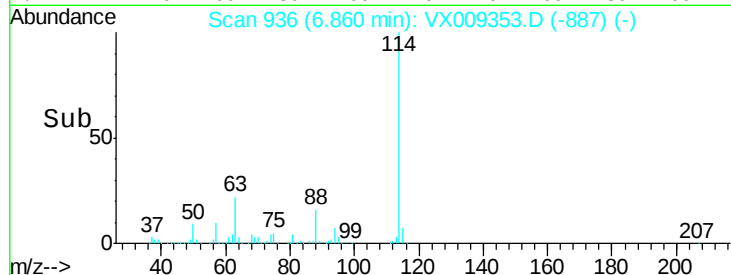
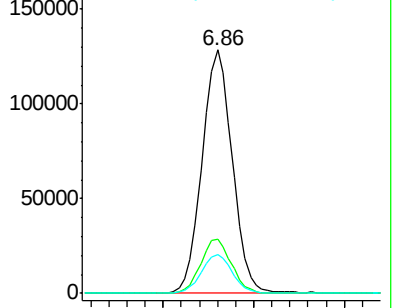
88 15.9 0.0 33.2



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: 48.412 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009353.D

Acq: 06 May 2019 16:15

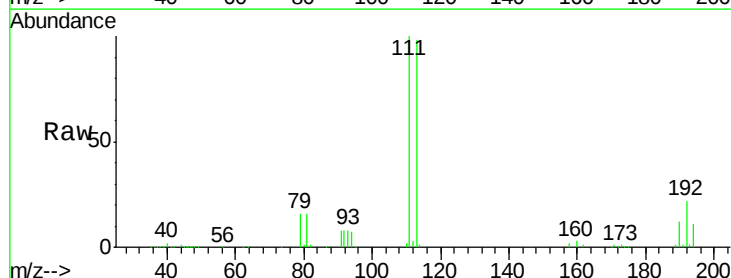
Tgt Ion:113 Resp: 90638

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

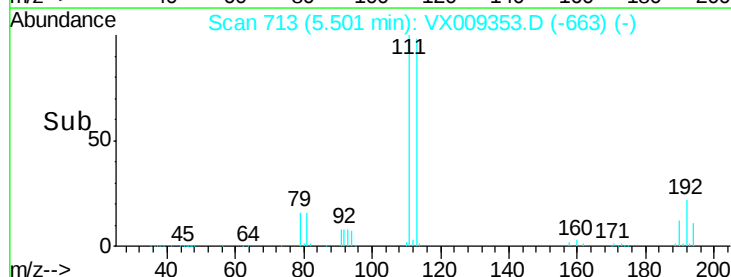
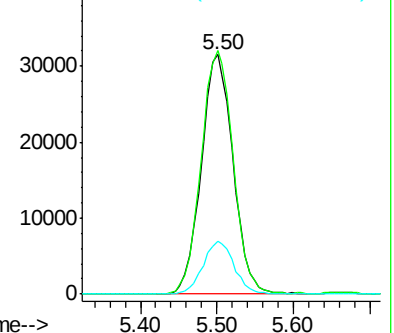
192 21.6 17.0 25.6

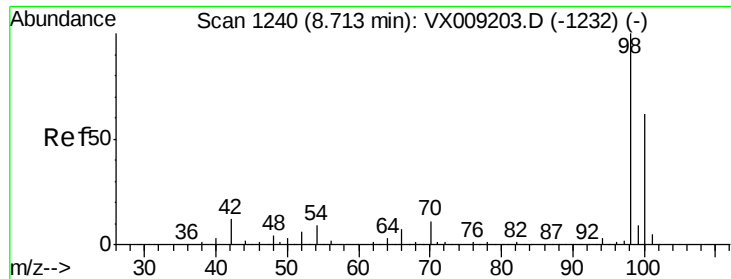


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.328 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009353.D

Acq: 06 May 2019 16:15

Instrument :

MSVOA_X

ClientSampled :

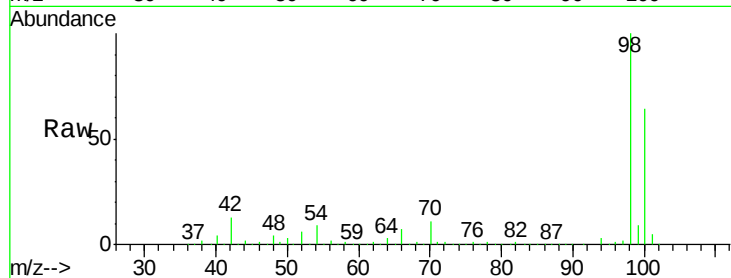
TB-20190502

Tot Ion: 98 Resp: 372846

Ion Ratio Lower Upper

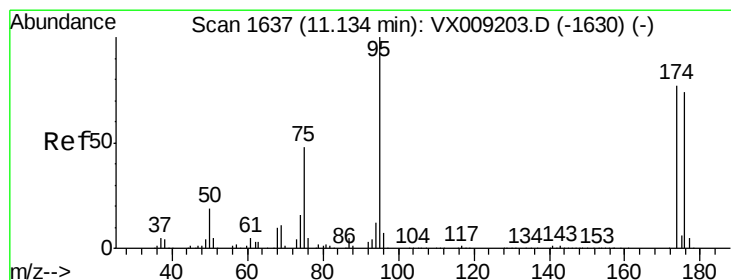
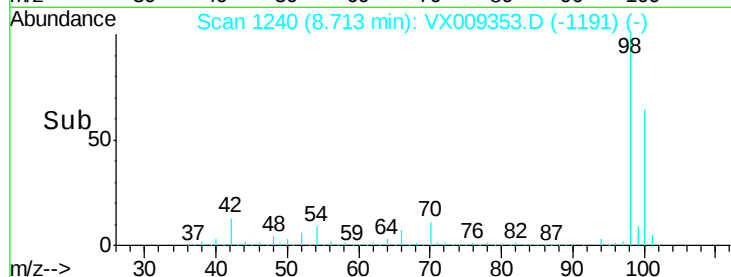
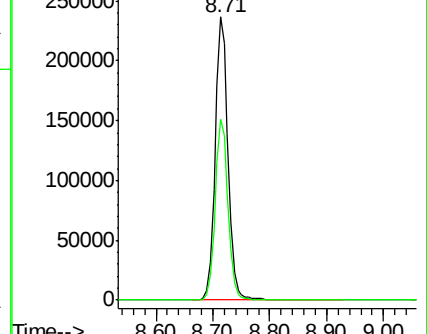
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.415 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009353.D

Acq: 06 May 2019 16:15

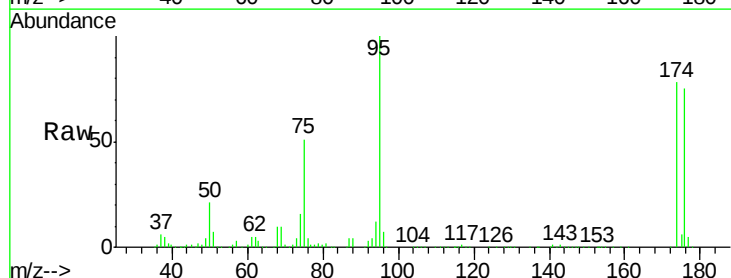
Tgt Ion: 95 Resp: 121984

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

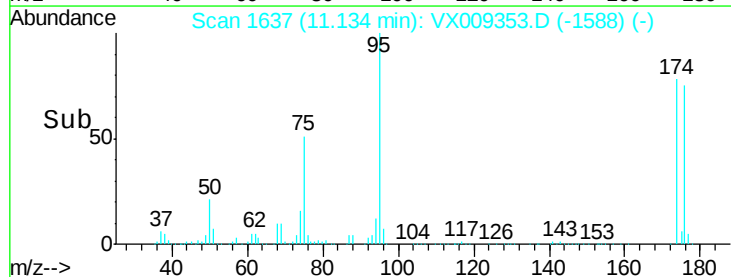
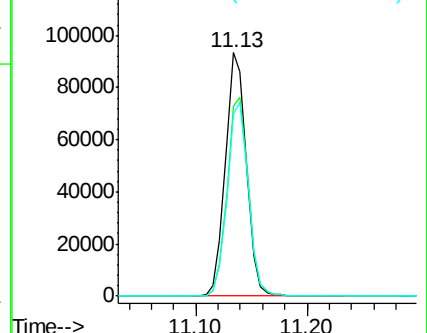
176 80.0 0.0 159.2

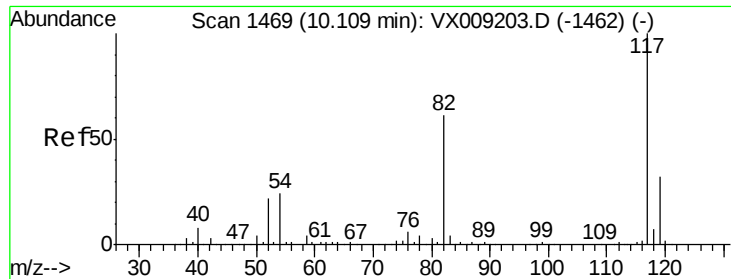


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

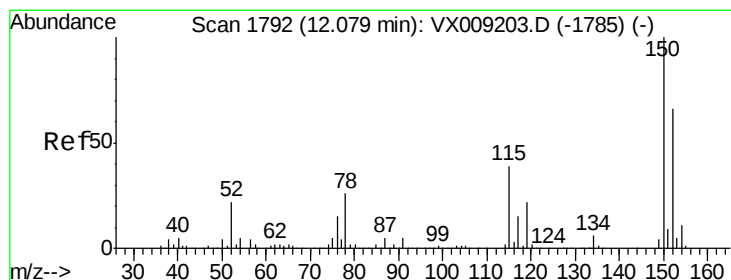
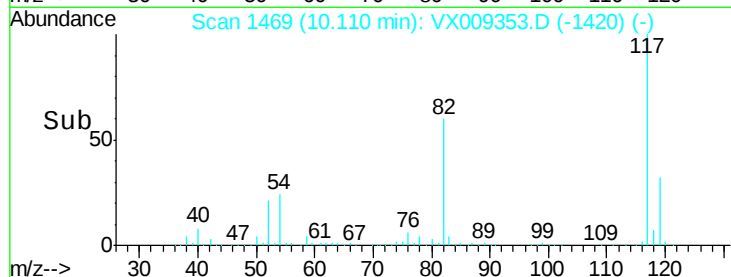
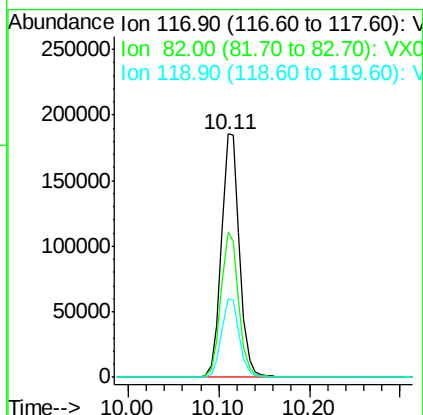
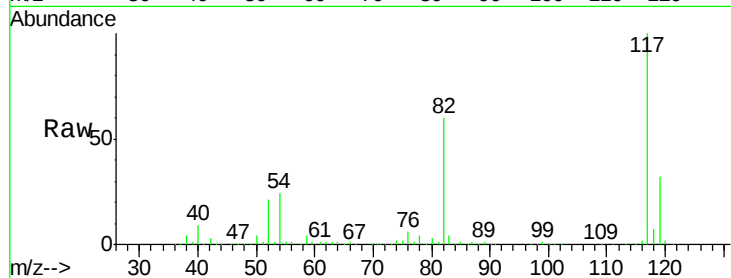




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009353.D
Acq: 06 May 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
TB-20190502

Tot Ion:117 Resp: 259507
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009353.D
Acq: 06 May 2019 16:15

Tgt Ion:152 Resp: 113247
Ion Ratio Lower Upper
152 100
115 57.5 41.2 123.6
150 155.9 0.0 346.4

