

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007179.D
 Acq On : 22 Jan 2019 14:09
 Operator : JC/SP
 Sample : K1214-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW527-3337

Quant Time: Jan 23 11:34:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	540948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	839243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	391070	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	290491	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
35) Dibromofluoromethane	5.50	113	263623	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	993761	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	358935	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	

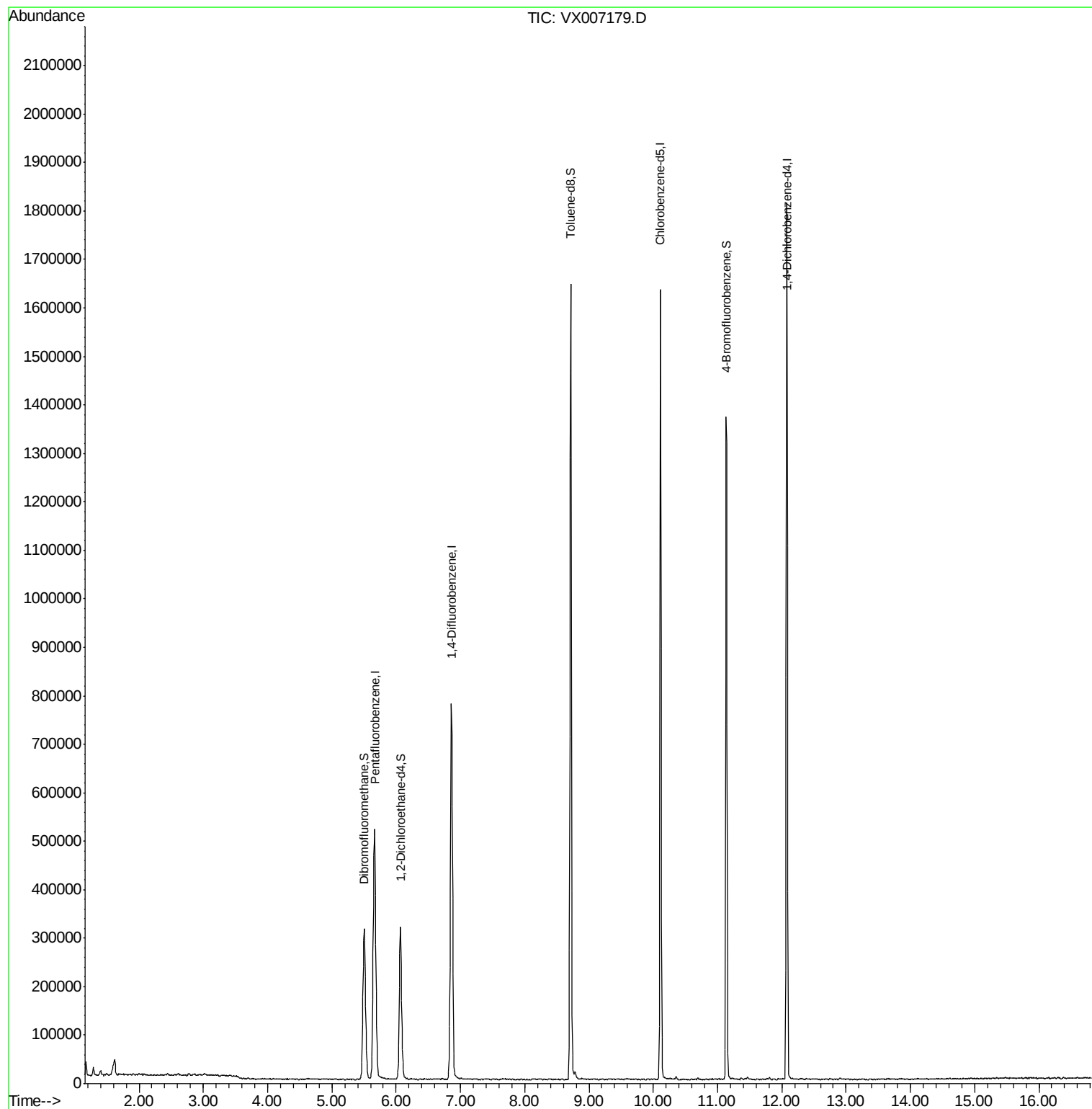
Target Compounds	Qvalue
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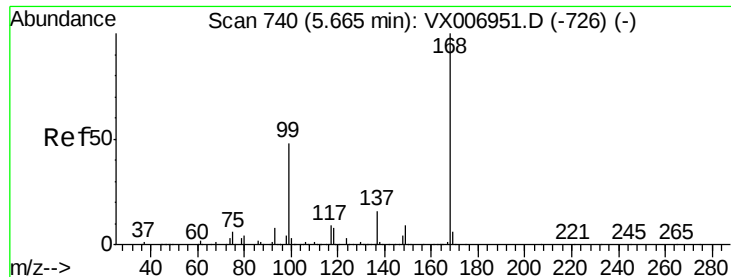
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007179.D

Acq: 22 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

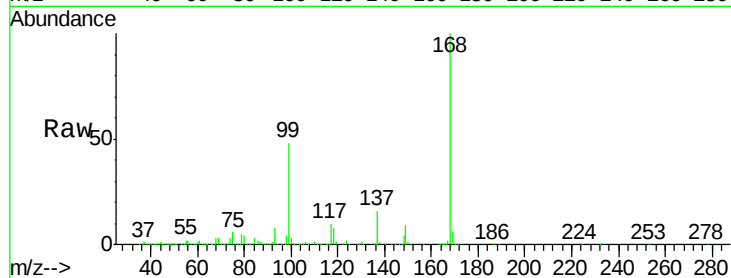
SA-TW527-3337

Tot Ion:168 Resp: 540948

Ion Ratio Lower Upper

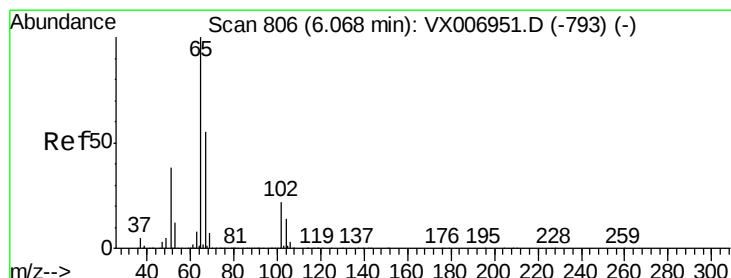
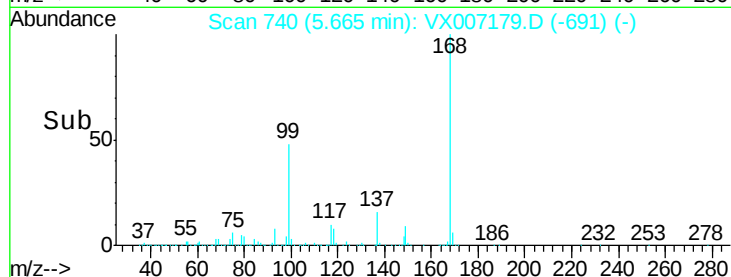
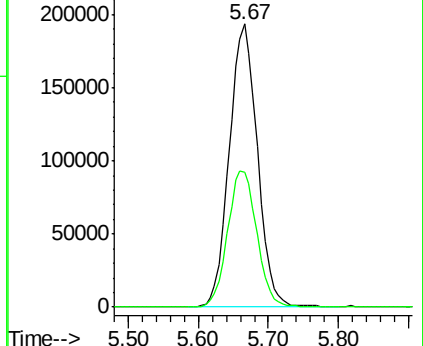
168 100

99 47.4 41.8 62.8



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: 51.384 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007179.D

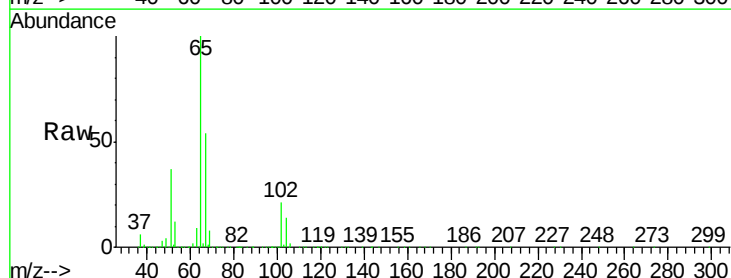
Acq: 22 Jan 2019 14:09

Tgt Ion: 65 Resp: 290491

Ion Ratio Lower Upper

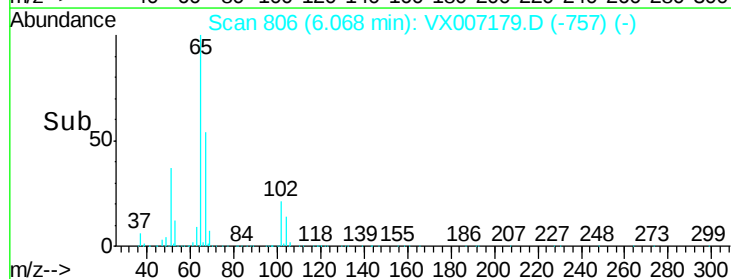
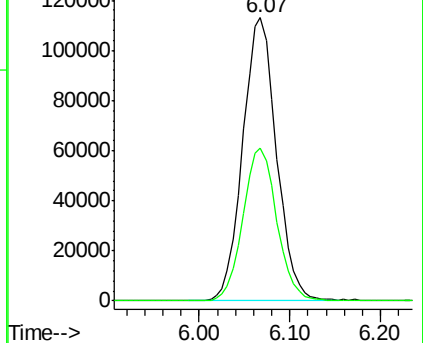
65 100

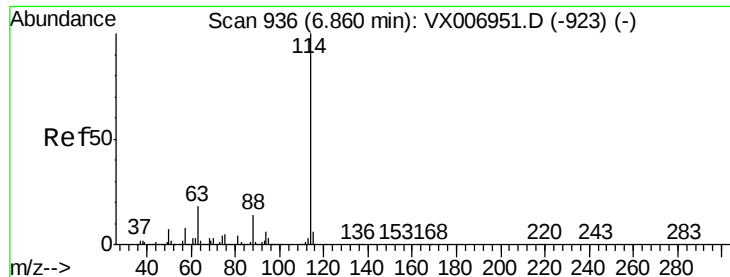
67 54.4 0.0 105.0



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# 936

Delta R.T. 0.00 min

Lab File: VX007179.D

Acq: 22 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SA-TW527-3337

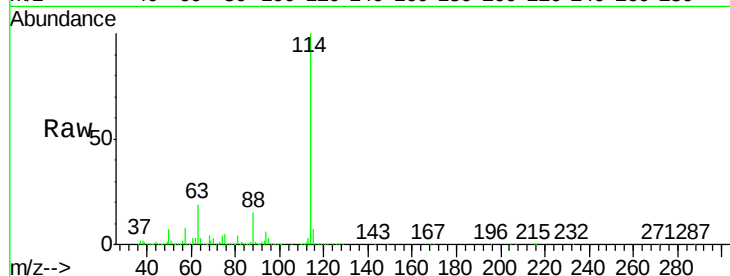
Tot Ion:114 Resp: 839243

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

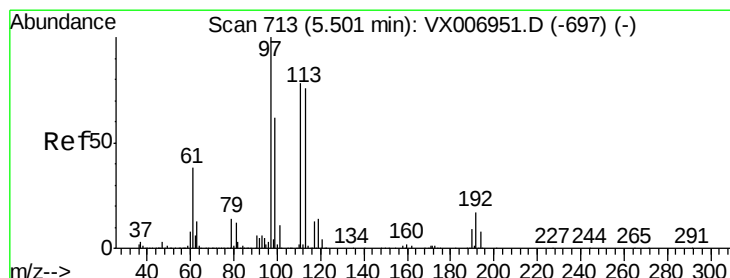
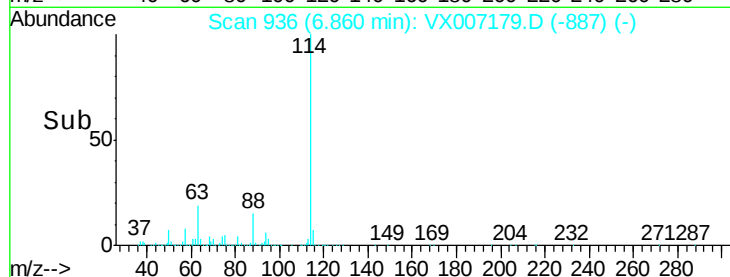
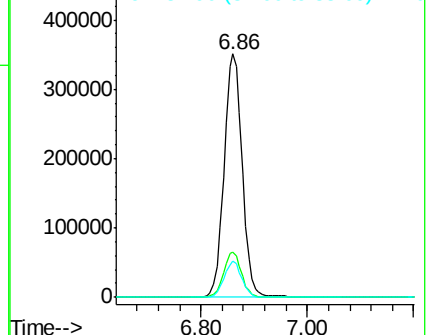
88 14.7 0.0 28.8



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: 49.051 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007179.D

Acq: 22 Jan 2019 14:09

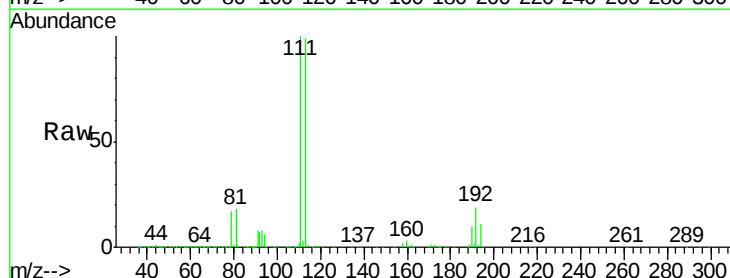
Tgt Ion:113 Resp: 263623

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

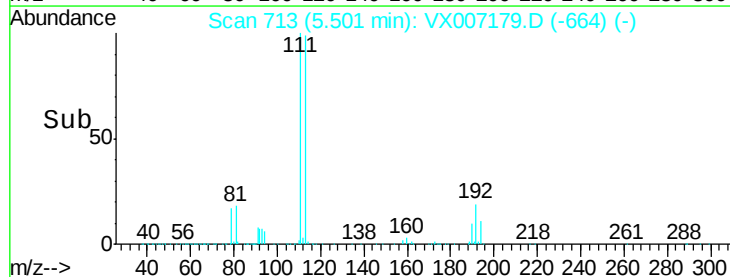
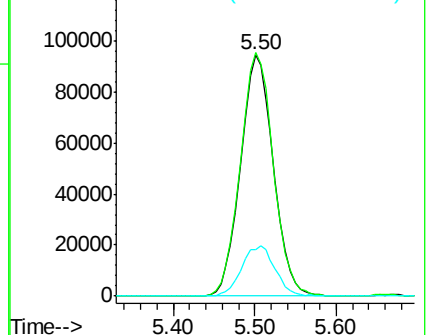
192 21.4 16.7 25.1

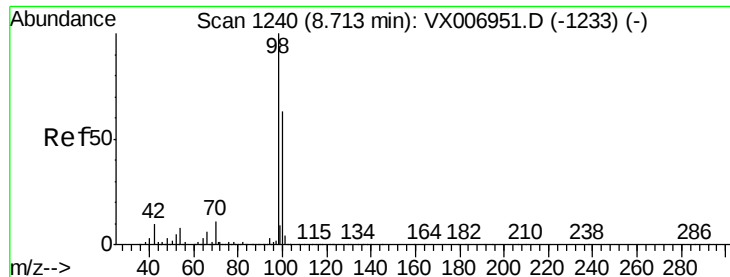


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.516 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007179.D

Acq: 22 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

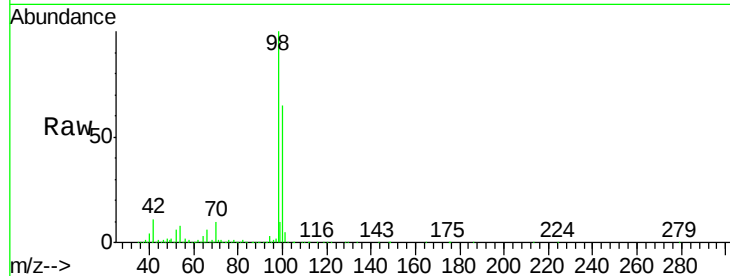
SA-TW527-3337

Tot Ion: 98 Resp: 993761

Ion Ratio Lower Upper

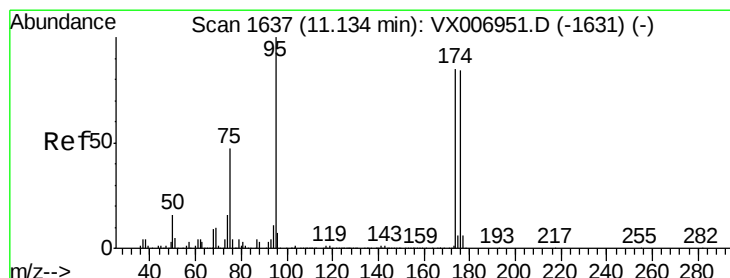
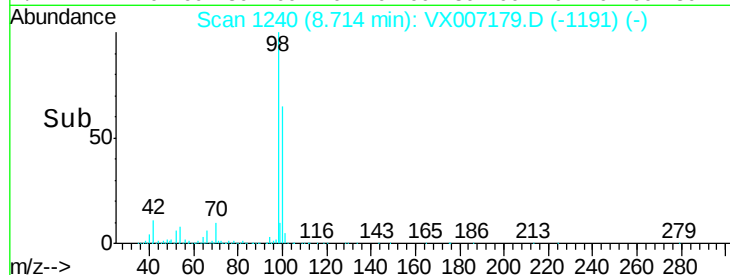
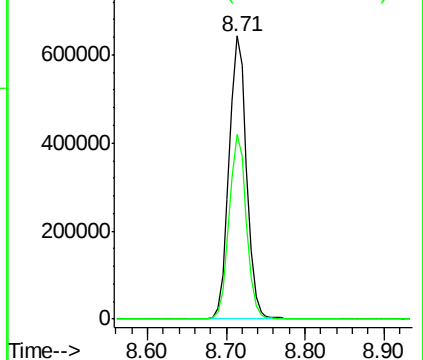
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.337 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007179.D

Acq: 22 Jan 2019 14:09

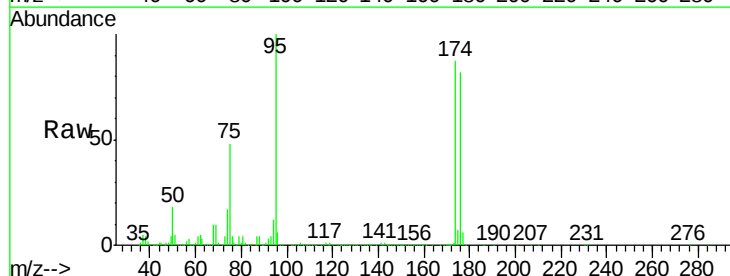
Tgt Ion: 95 Resp: 358935

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

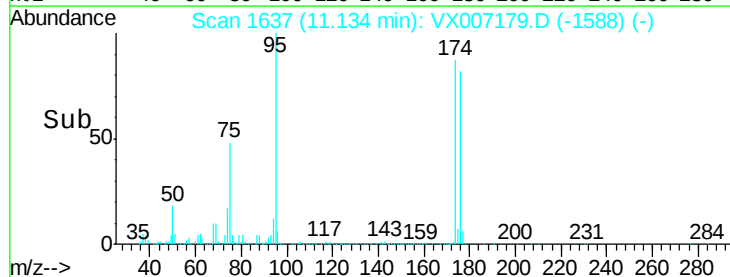
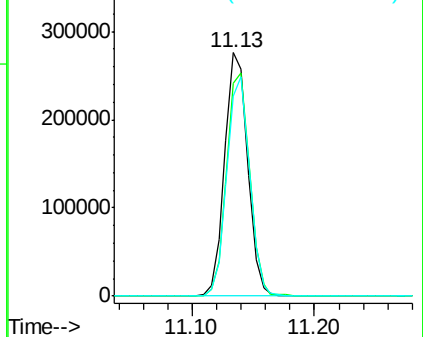
176 89.4 0.0 178.8

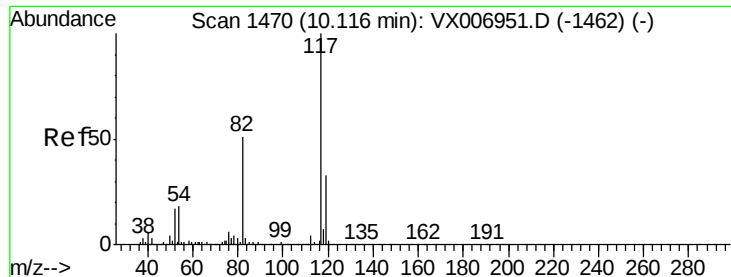


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

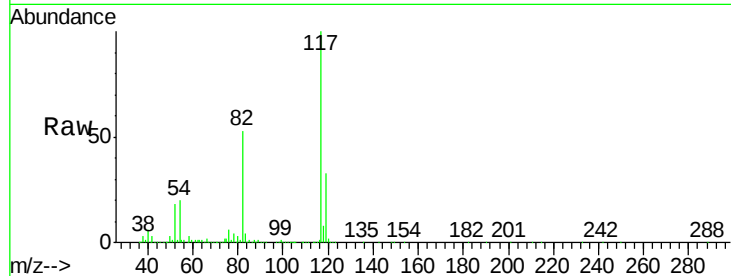




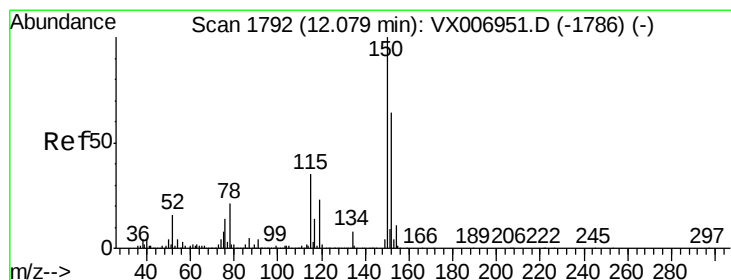
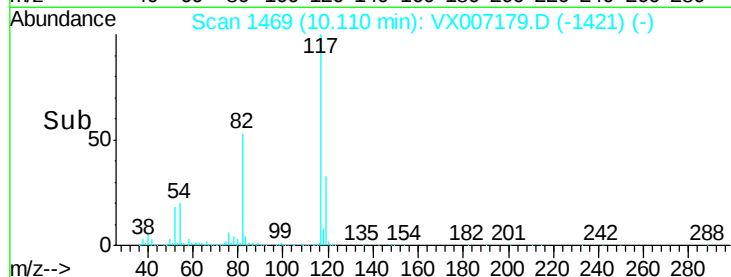
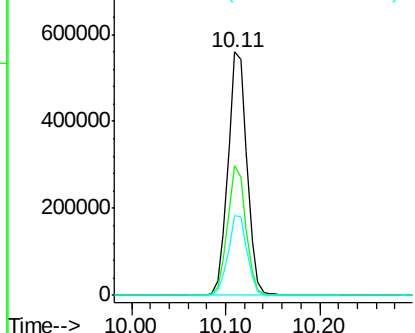
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007179.D
Acq: 22 Jan 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
SA-TW527-3337

Tot Ion:117 Resp: 782054
Ion Ratio Lower Upper
117 100
82 53.1 41.0 61.6
119 32.7 25.4 38.0

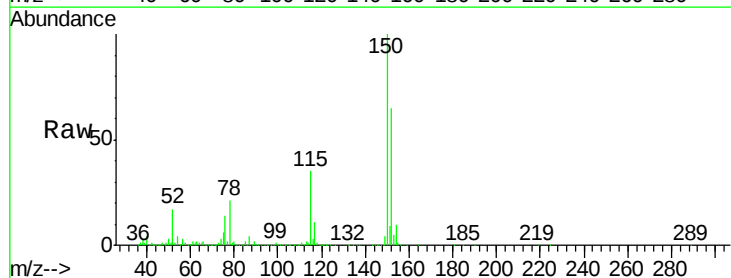


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007179.D
Acq: 22 Jan 2019 14:09

Tgt Ion:152 Resp: 391070
Ion Ratio Lower Upper
152 100
115 54.3 39.1 117.2
150 155.2 0.0 344.8



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

