

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008111.D
 Acq On : 15 Mar 2019 17:42
 Operator : JC/SP
 Sample : VX0315WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBL02

Quant Time: Mar 16 01:17:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130227	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.51	113	128374	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	476211	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	172802	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

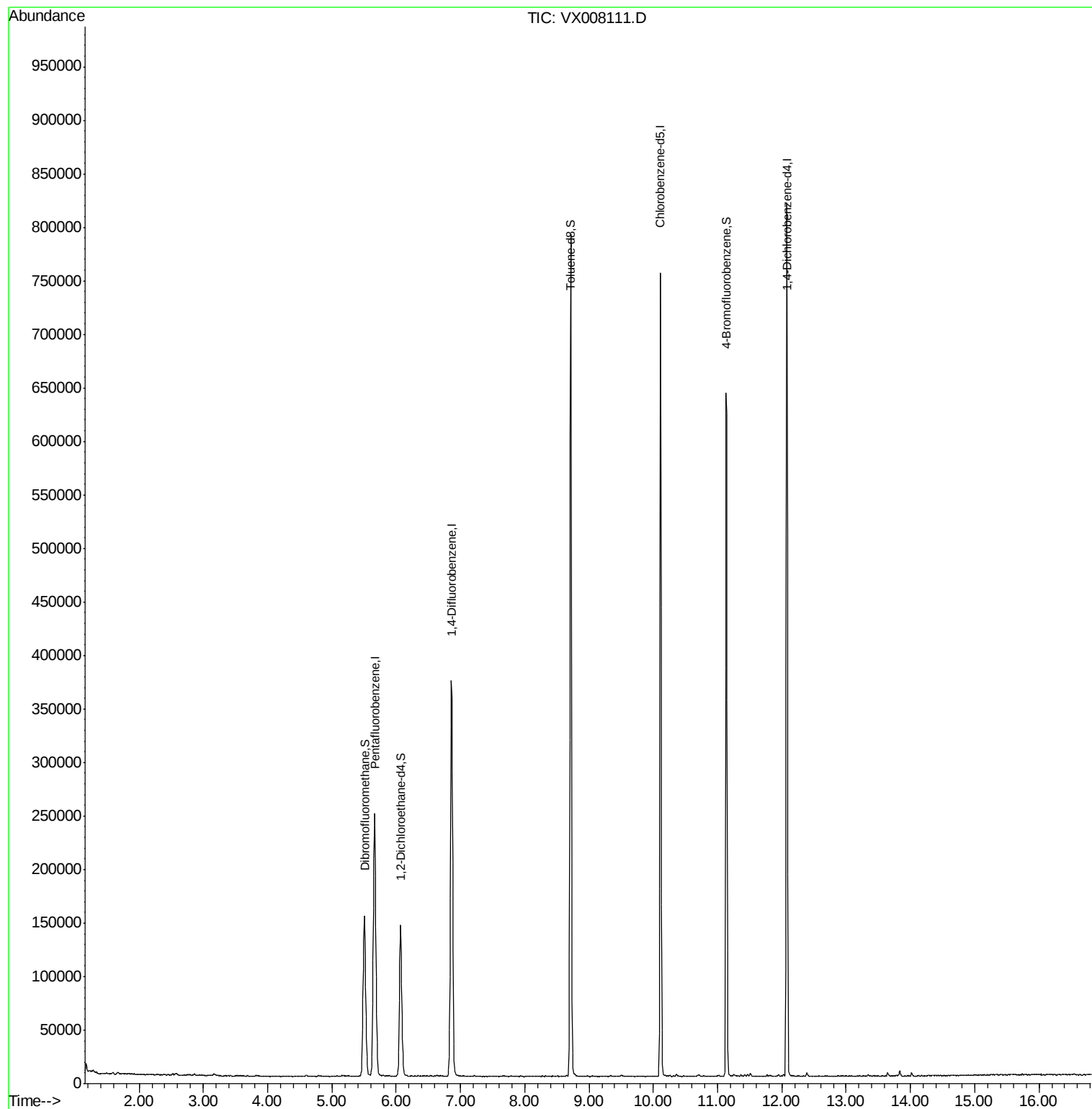
Target Compounds	Qvalue
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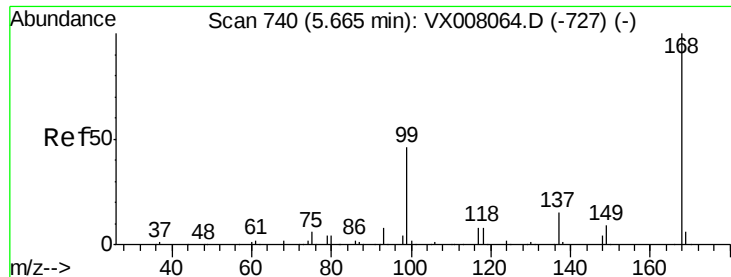
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008111.D

Acq: 15 Mar 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

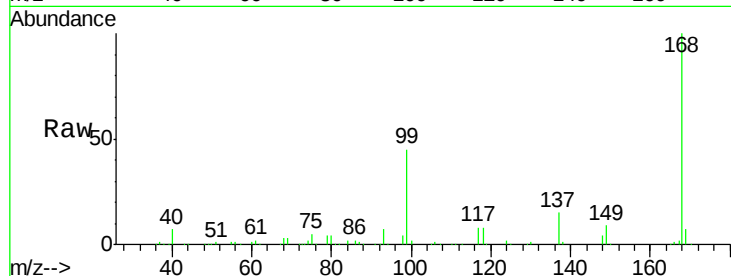
VX0315WBL02

Tot Ion:168 Resp: 264595

Ion Ratio Lower Upper

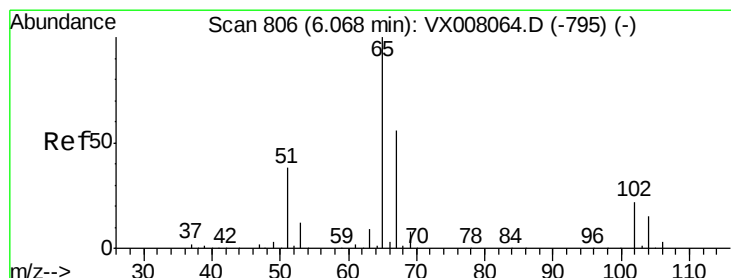
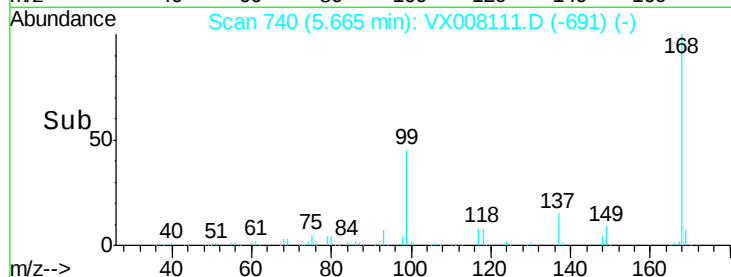
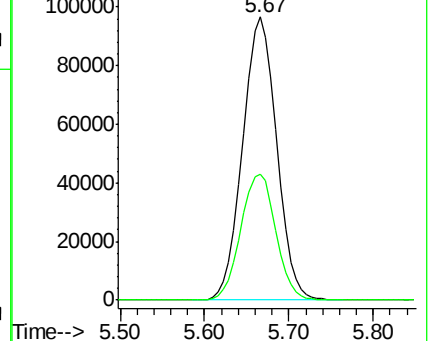
168 100

99 44.6 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: 48.791 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008111.D

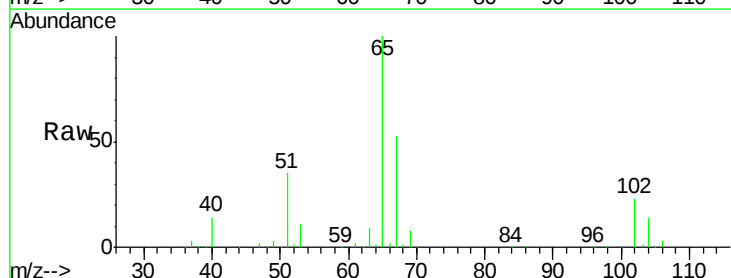
Acq: 15 Mar 2019 17:42

Tgt Ion: 65 Resp: 130227

Ion Ratio Lower Upper

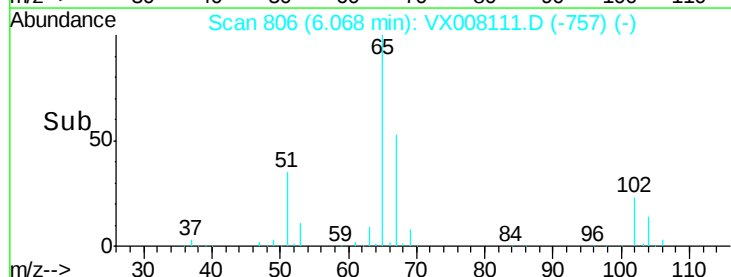
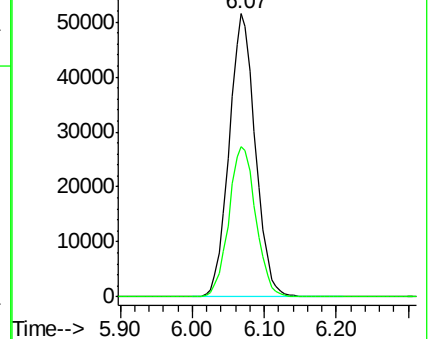
65 100

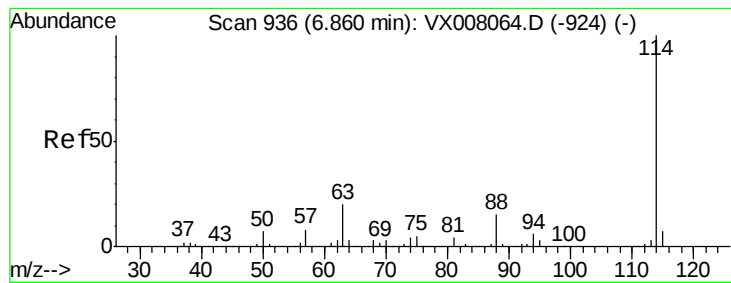
67 54.7 0.0 110.0



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: VX008111.D

Acq: 15 Mar 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBL02

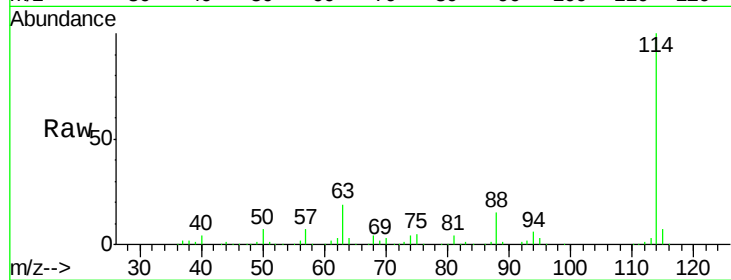
Tot Ion:114 Resp: 398313

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.8

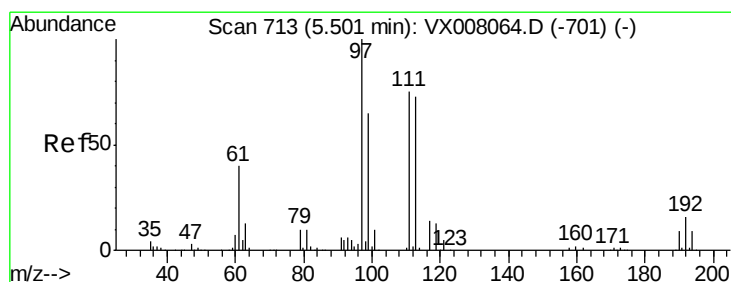
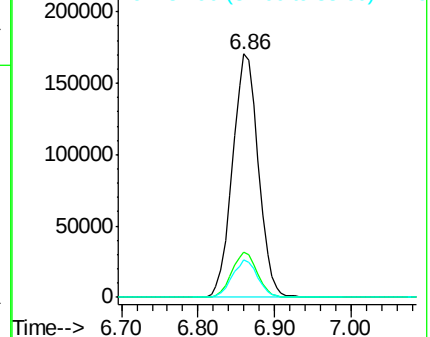
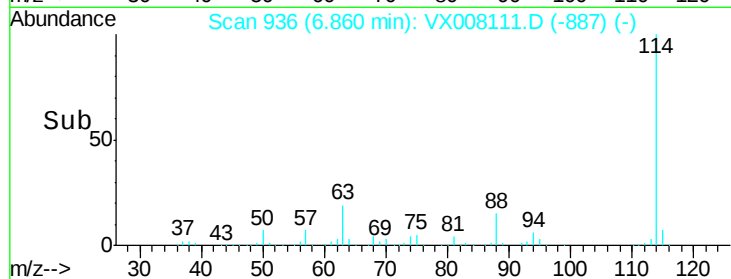
88 15.3 0.0 31.4



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: 50.823 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008111.D

Acq: 15 Mar 2019 17:42

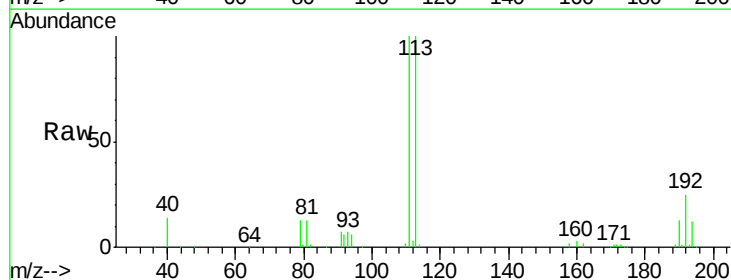
Tgt Ion:113 Resp: 128374

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

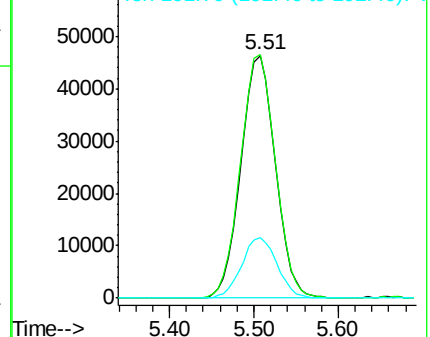
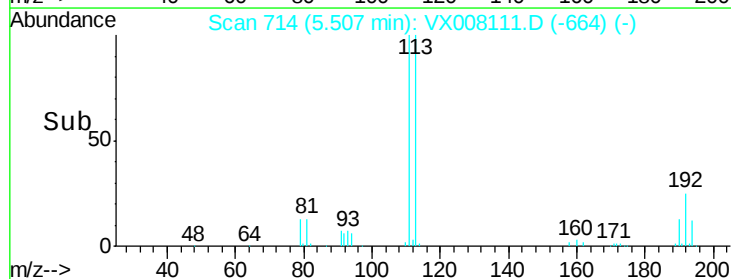
192 25.6 19.4 29.0

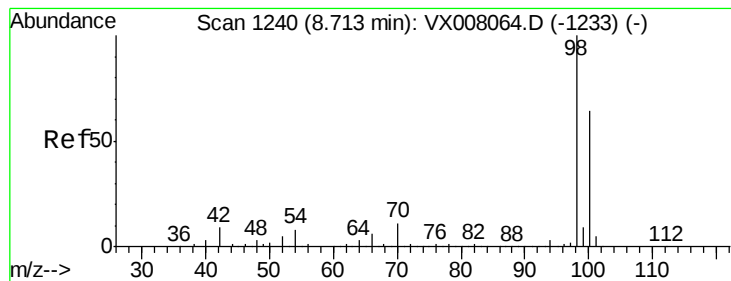


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.571 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008111.D

Acq: 15 Mar 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

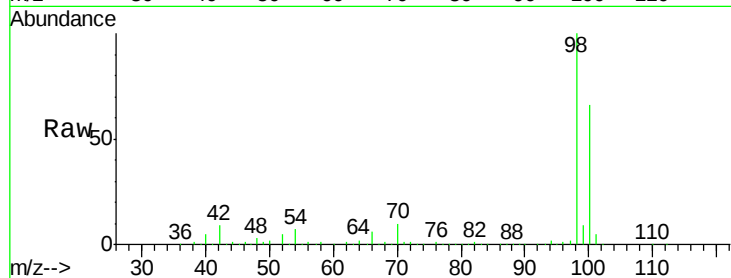
VX0315WBL02

Tot Ion: 98 Resp: 476211

Ion Ratio Lower Upper

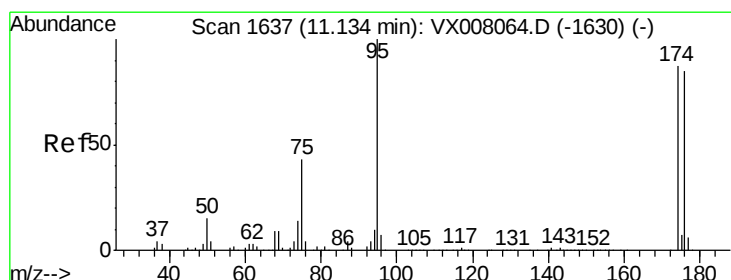
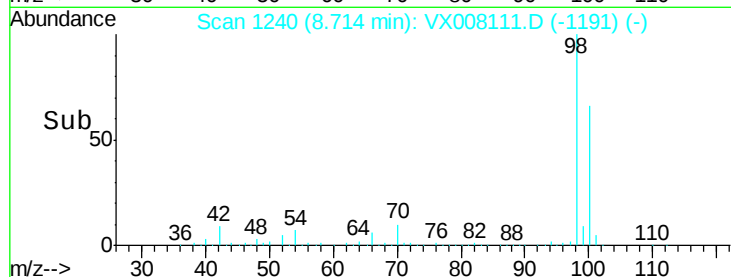
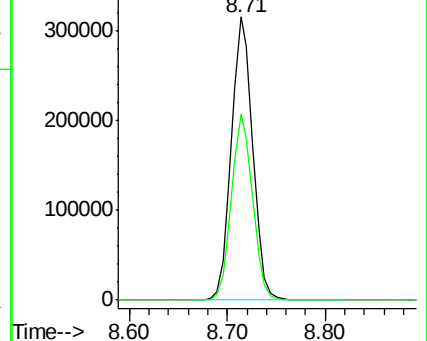
98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 50.212 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008111.D

Acq: 15 Mar 2019 17:42

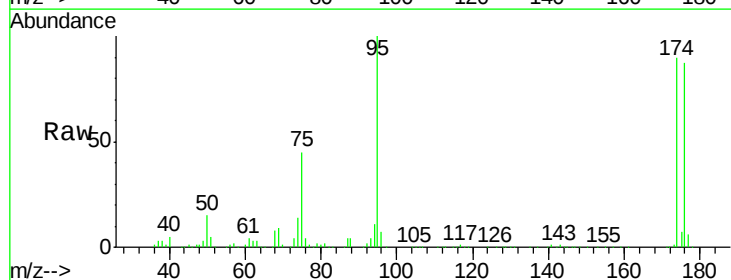
Tgt Ion: 95 Resp: 172802

Ion Ratio Lower Upper

95 100

174 97.7 0.0 182.8

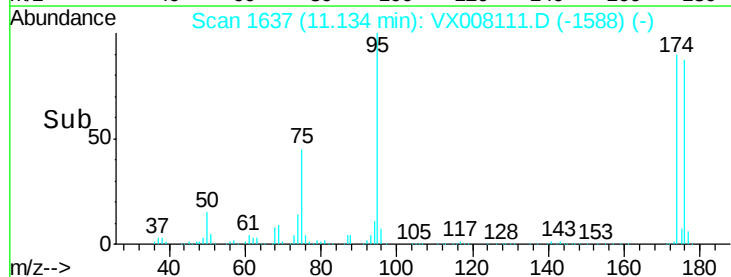
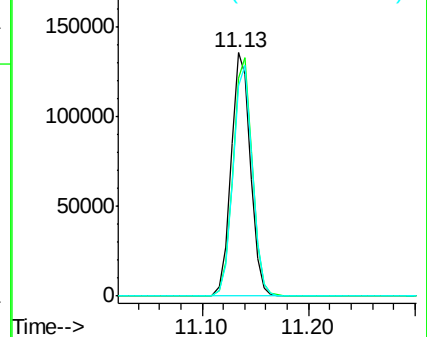
176 94.9 0.0 178.0

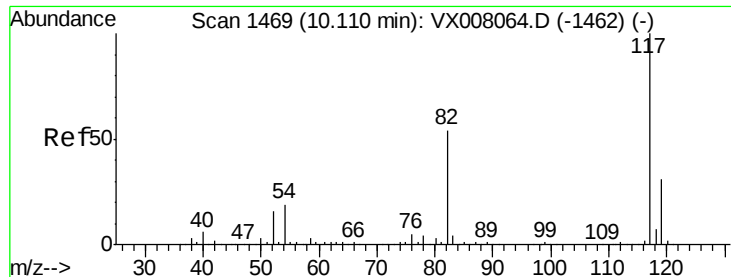


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

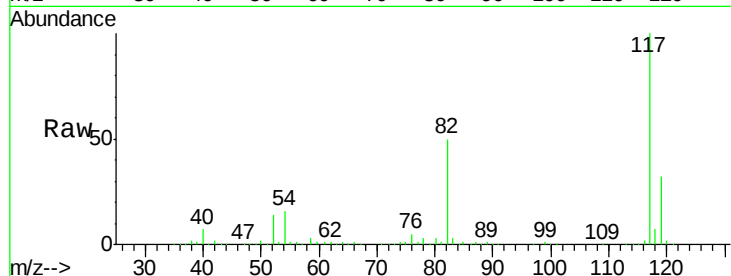




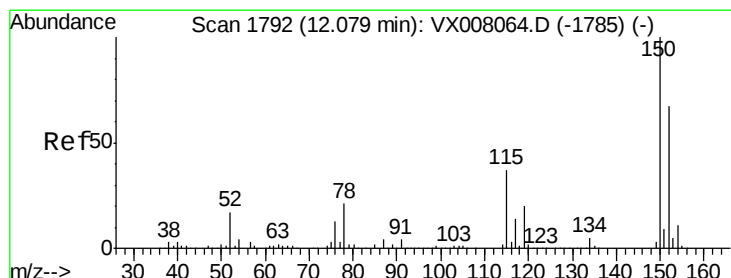
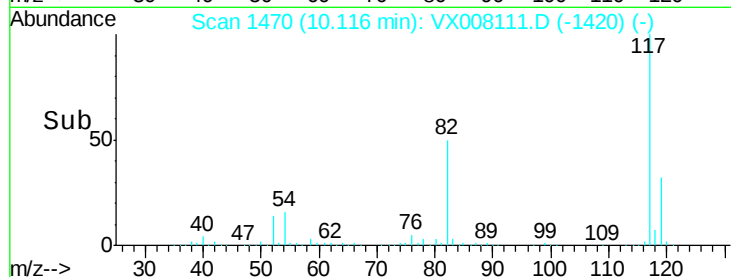
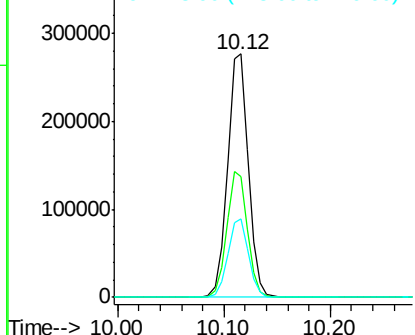
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008111.D
Acq: 15 Mar 2019 17:42

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL02

Tot Ion:117 Resp: 377360
Ion Ratio Lower Upper
117 100
82 49.5 44.3 66.5
119 32.1 25.3 37.9

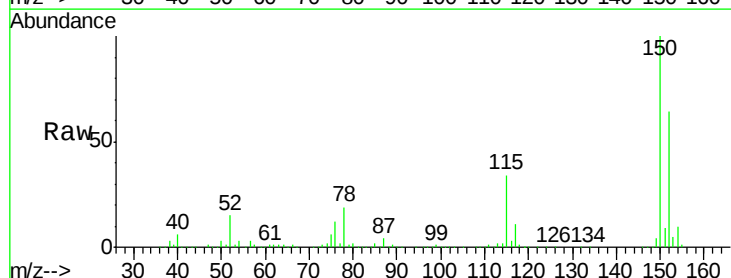


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008111.D
Acq: 15 Mar 2019 17:42

Tgt Ion:152 Resp: 187342
Ion Ratio Lower Upper
152 100
115 54.0 38.6 115.7
150 156.0 0.0 348.4



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

