

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009848.D
 Acq On : 23 May 2019 11:14
 Operator : JC/SP
 Sample : VX0523WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBL01

Quant Time: May 23 14:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	166400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122978	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	5.49	113	88350	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	8.71	98	360811	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.13	95	118843	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

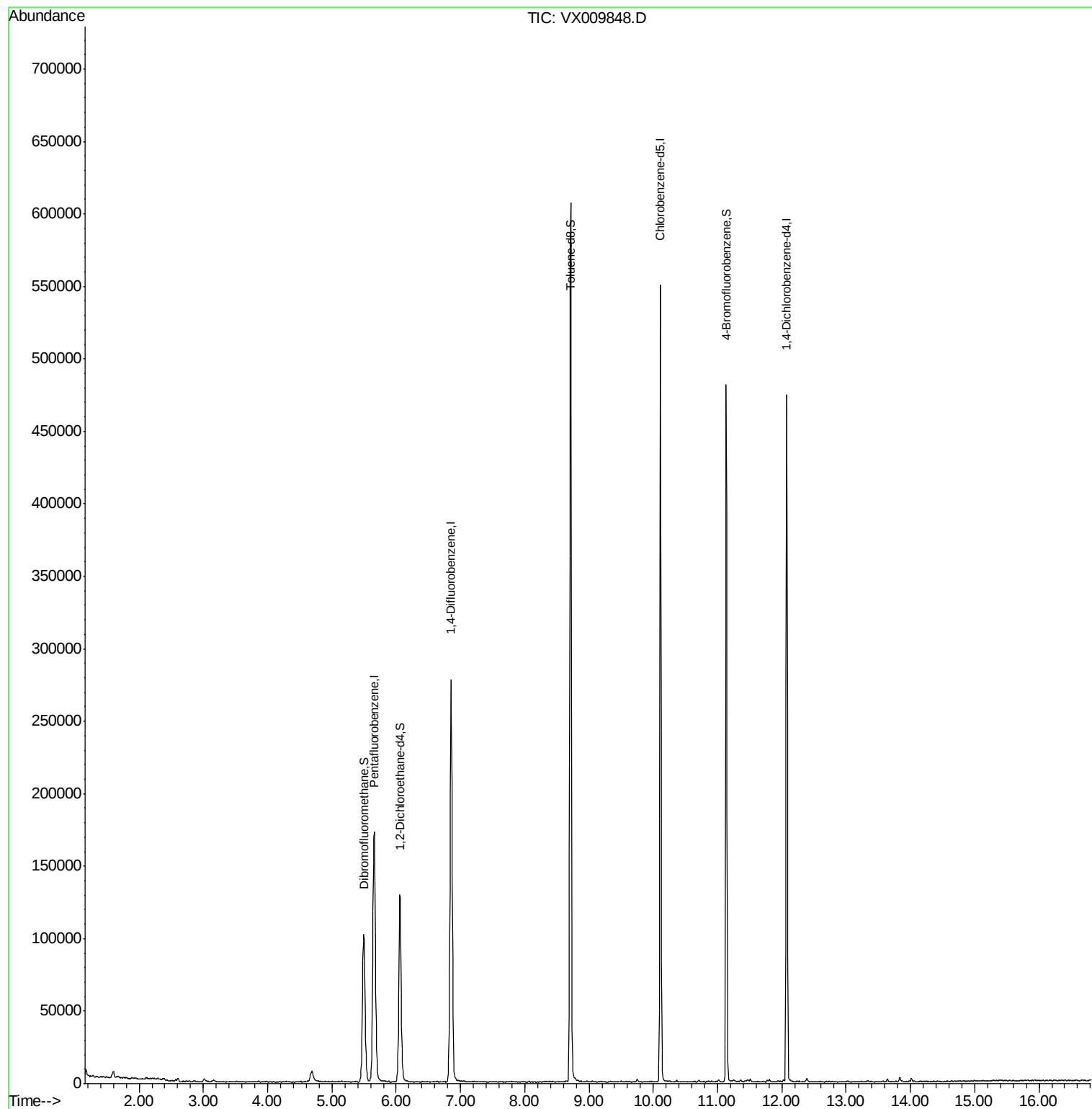
Target Compounds	Qvalue

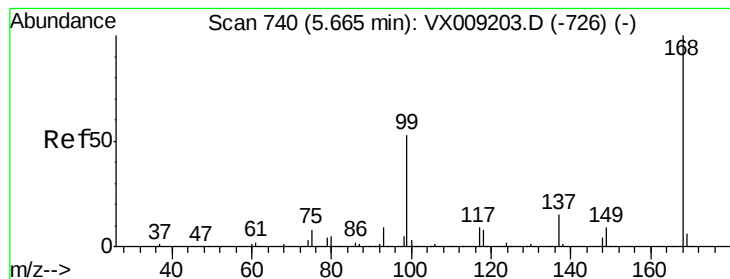
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009848.D

Acq: 23 May 2019 11:14

Instrument :

MSVOA_X

ClientSampleId :

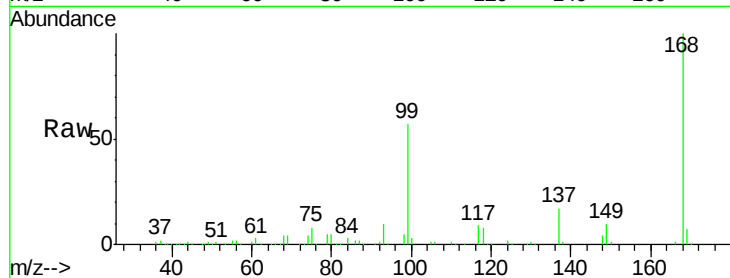
VX0523WBL01

Tot Ion:168 Resp: 166400

Ion Ratio Lower Upper

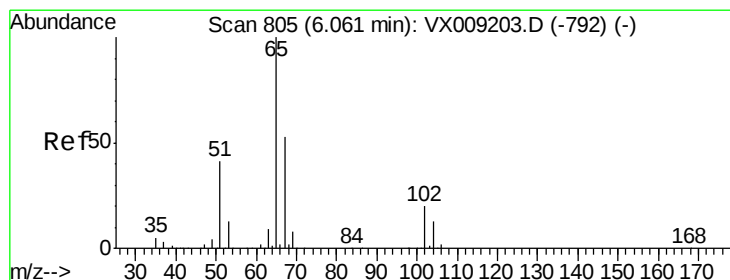
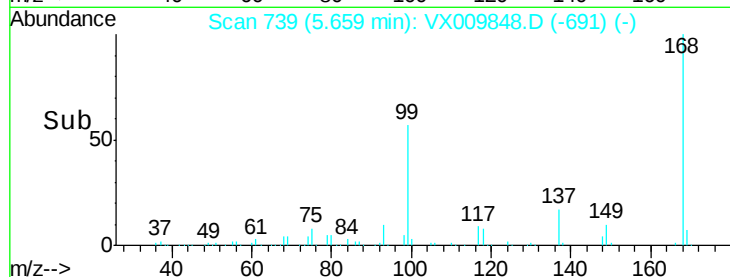
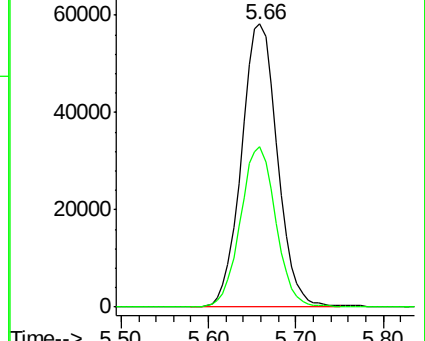
168 100

99 56.8 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: 54.138 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009848.D

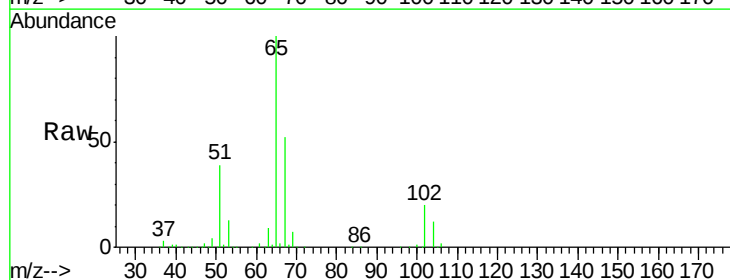
Acq: 23 May 2019 11:14

Tgt Ion: 65 Resp: 122978

Ion Ratio Lower Upper

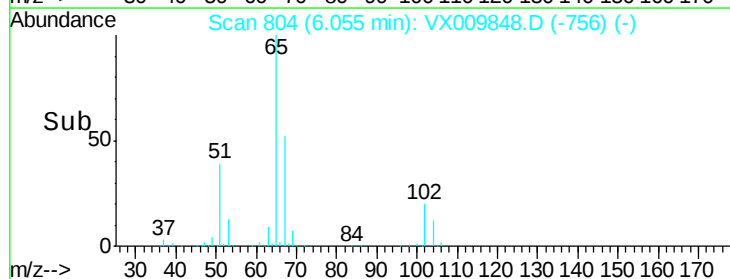
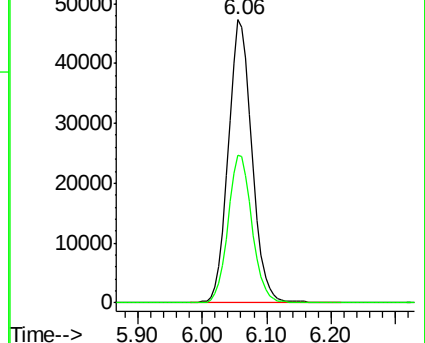
65 100

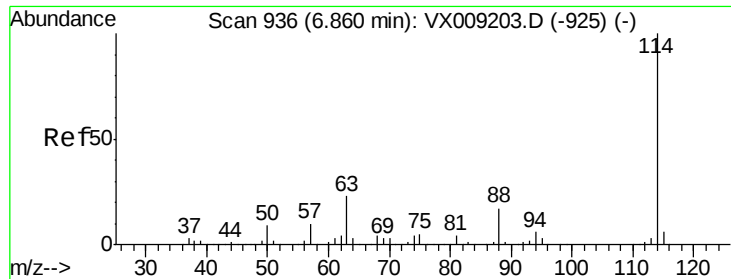
67 52.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

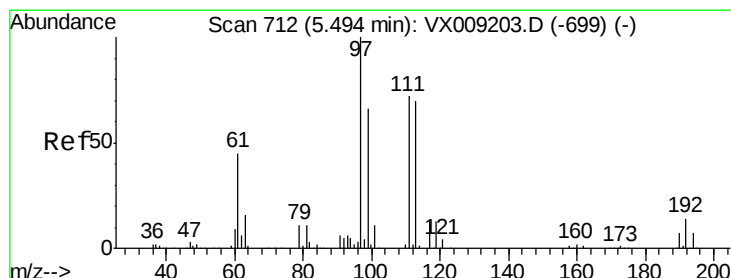
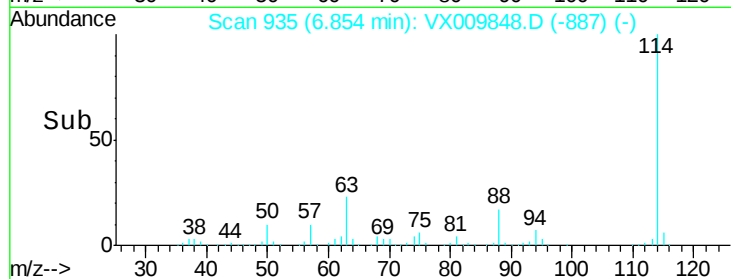
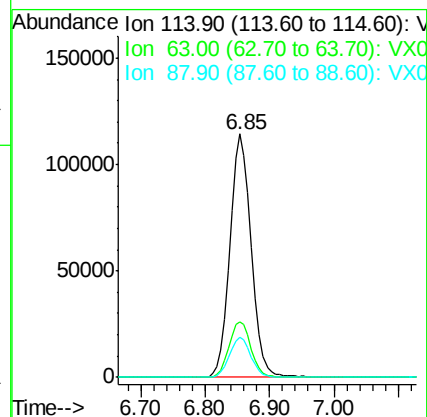
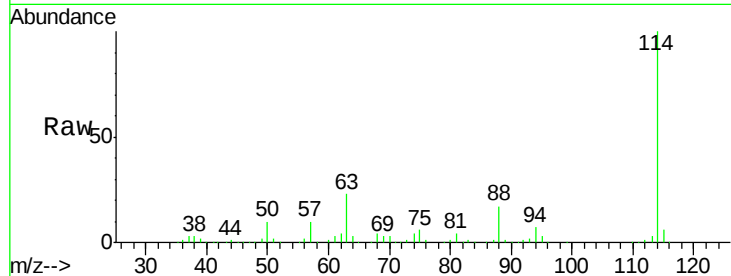




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009848.D
 Acq: 23 May 2019 11:14

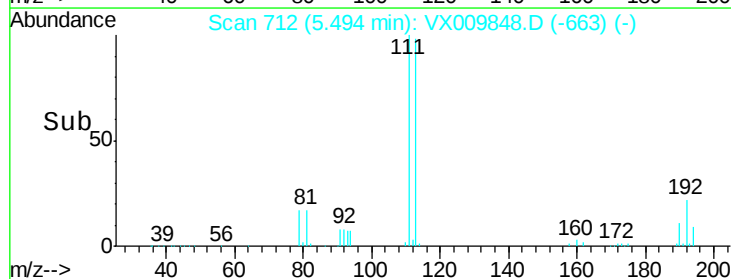
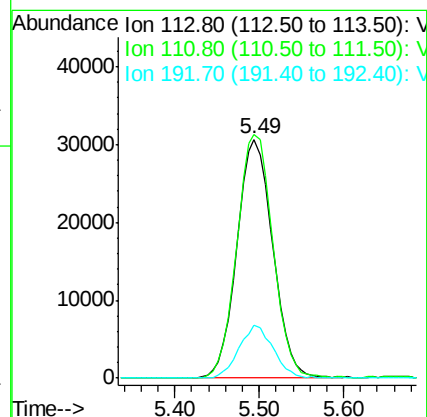
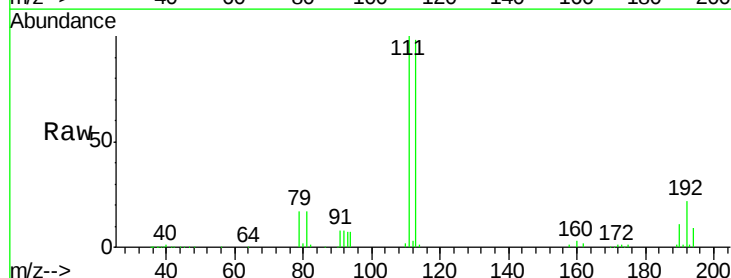
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBL01

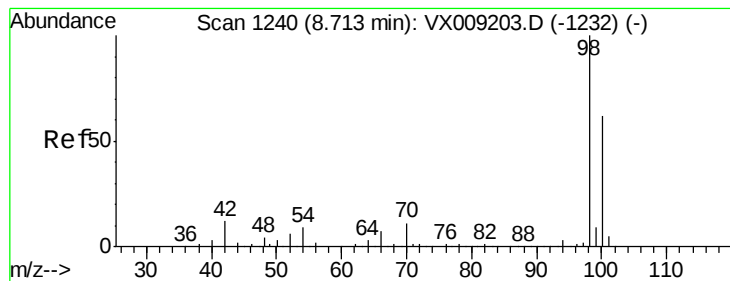
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.6	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 52.690 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009848.D
 Acq: 23 May 2019 11:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	21.2	17.0	25.6





#50

Toluene-d8

Concen: 53.298 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009848.D

Acq: 23 May 2019 11:14

Instrument :

MSVOA_X

ClientSampled :

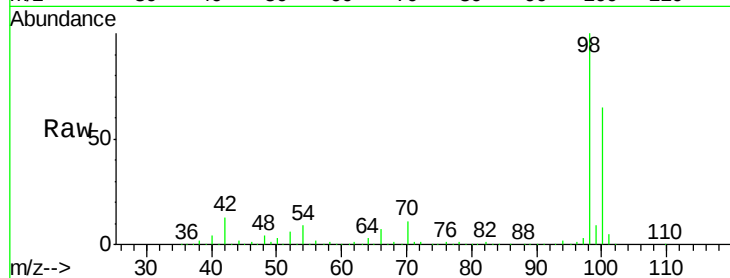
VX0523WBL01

Tot Ion: 98 Resp: 360811

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

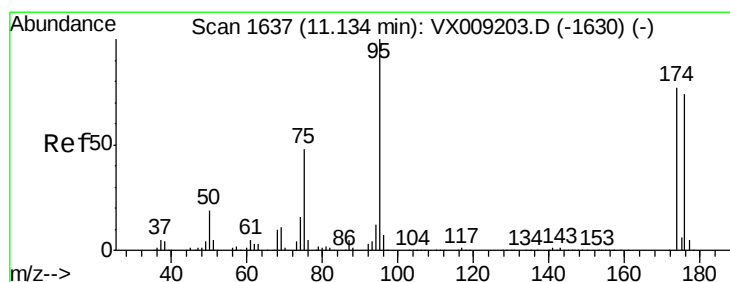
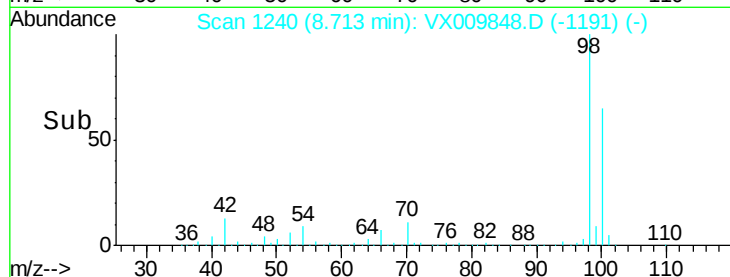
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 48.313 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009848.D

Acq: 23 May 2019 11:14

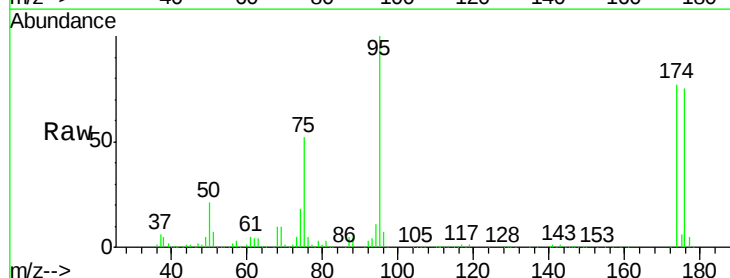
Tgt Ion: 95 Resp: 118843

Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.6

176 77.4 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

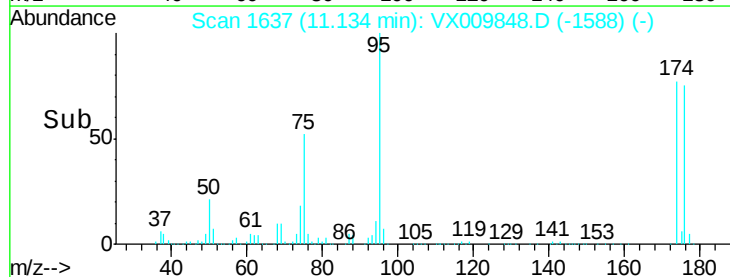
100000

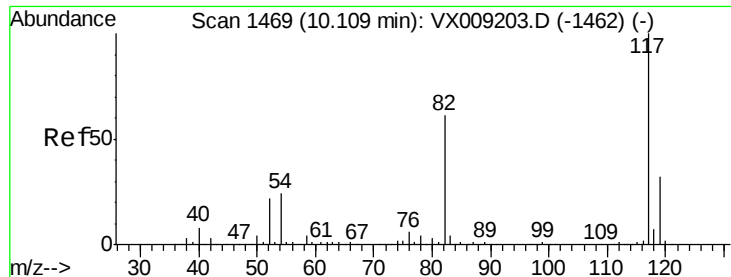
50000

0

11.10 11.20

Time-->

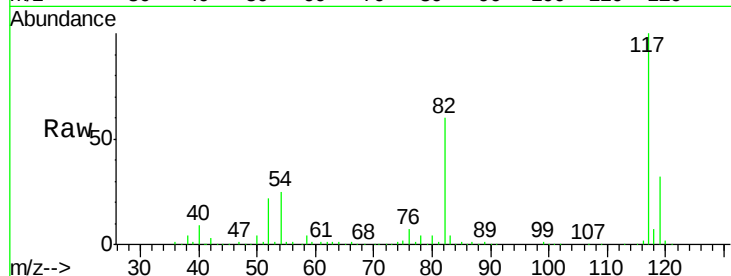




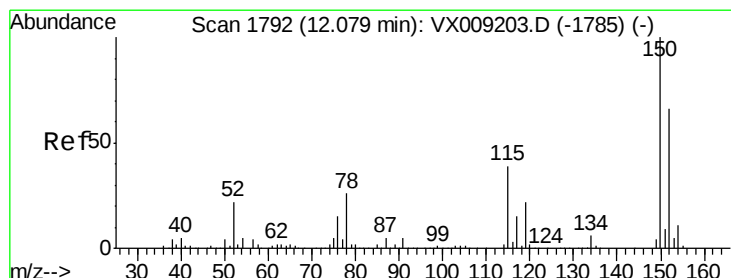
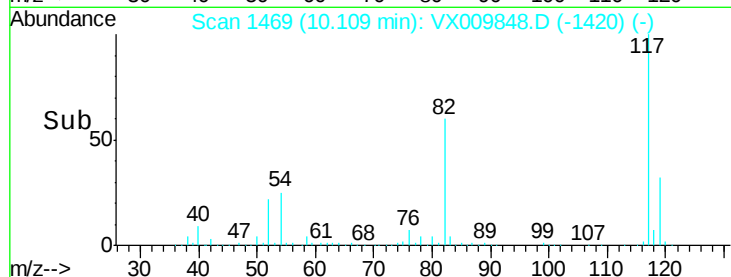
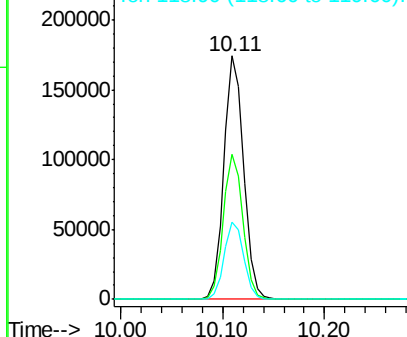
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009848.D
Acq: 23 May 2019 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Tot Ion:117 Resp: 234644
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 31.9 25.8 38.6

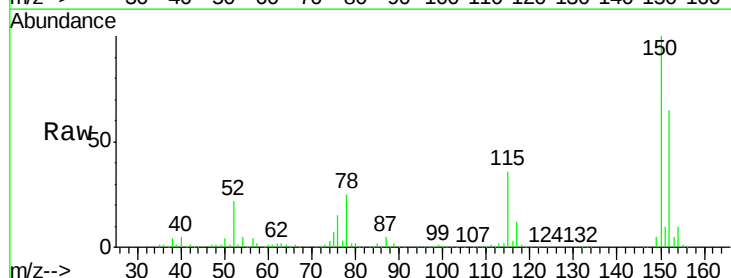


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009848.D
Acq: 23 May 2019 11:14

Tgt Ion:152 Resp: 96873
Ion Ratio Lower Upper
152 100
115 58.2 41.2 123.6
150 155.8 0.0 346.4



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

