

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009109.D
 Acq On : 23 Apr 2019 10:36
 Operator : JC/SP
 Sample : VX0423WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBL01

Quant Time: Apr 24 05:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	396753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148048	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	163266	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	5.49	113	119817	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	494479	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	164072	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	

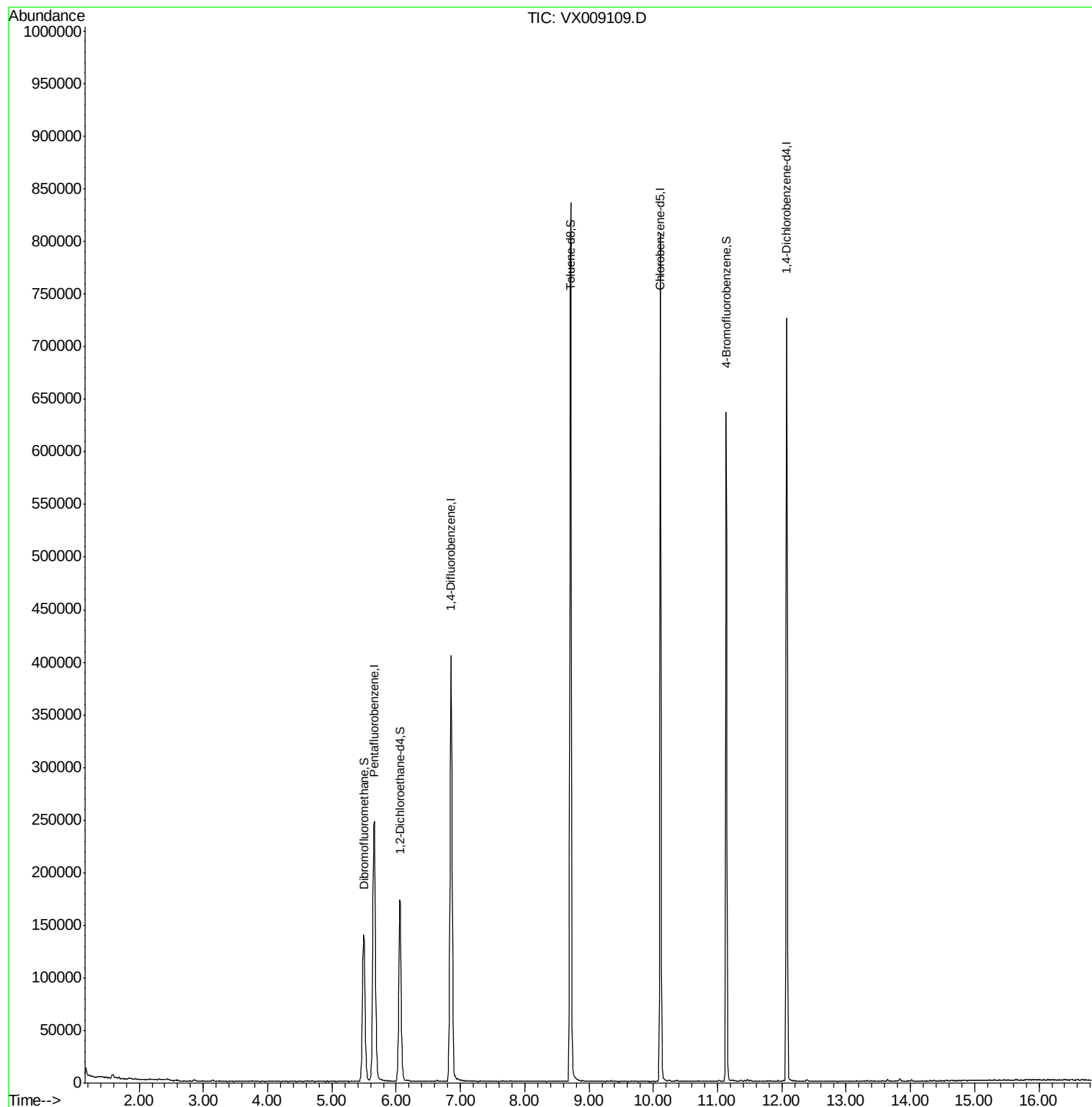
Target Compounds	Qvalue
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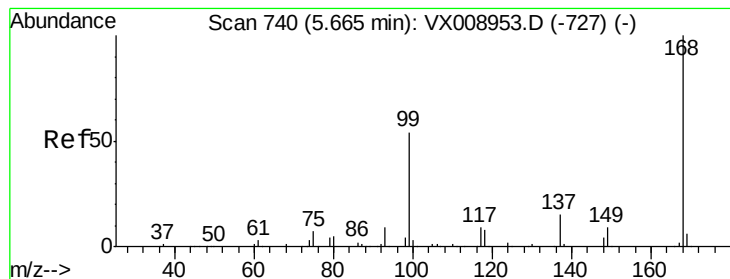
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009109.D

Acq: 23 Apr 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

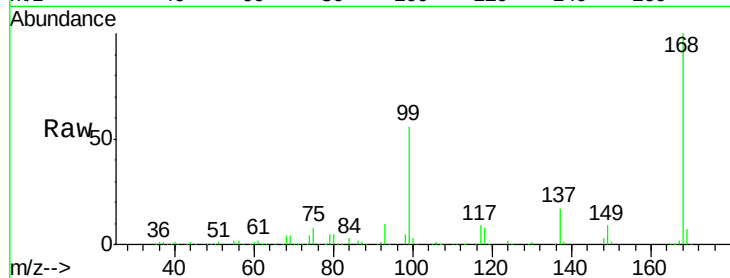
VX0423WBL01

Tot Ion:168 Resp: 244474

Ion Ratio Lower Upper

168 100

99 55.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

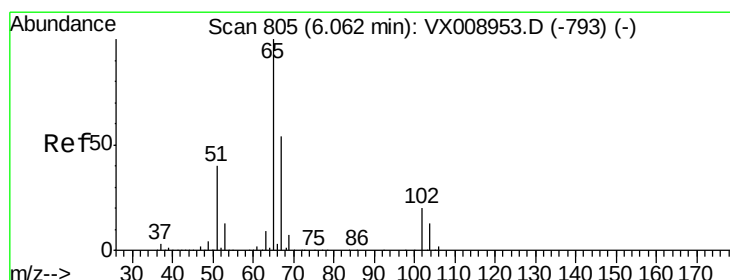
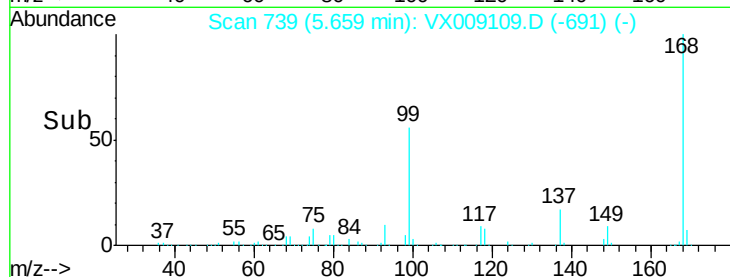
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.388 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009109.D

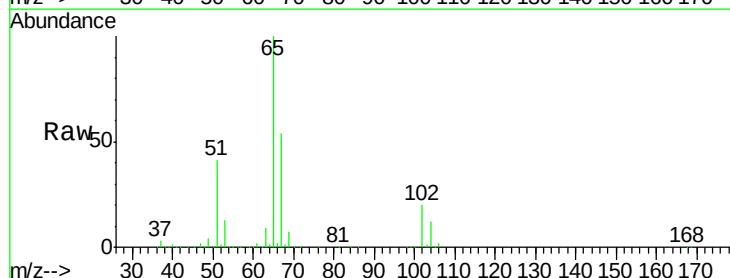
Acq: 23 Apr 2019 10:36

Tgt Ion: 65 Resp: 163266

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

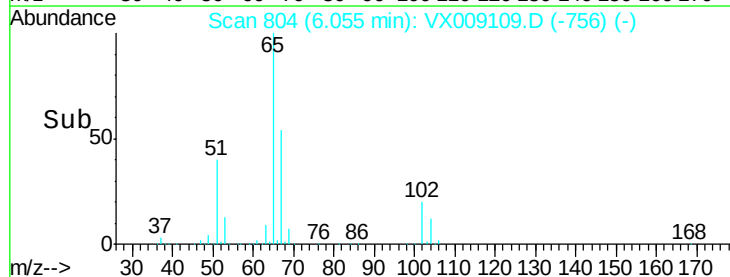
60000

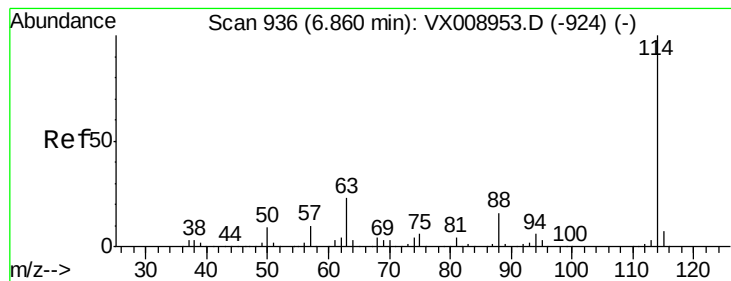
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009109.D

Acq: 23 Apr 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBL01

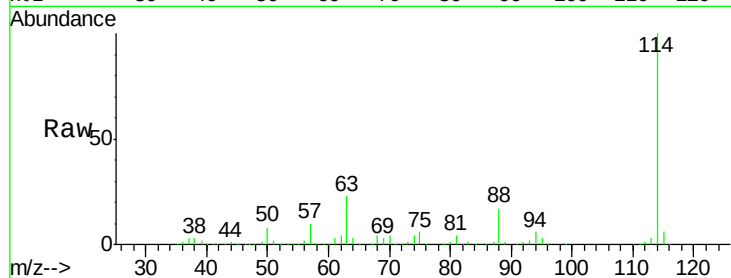
Tot Ion:114 Resp: 396753

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.0

88 16.9 0.0 32.6



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

6.85

200000

150000

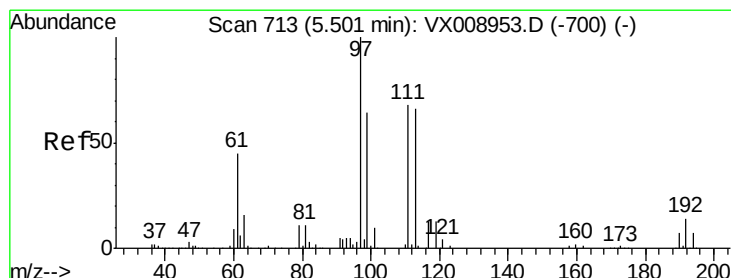
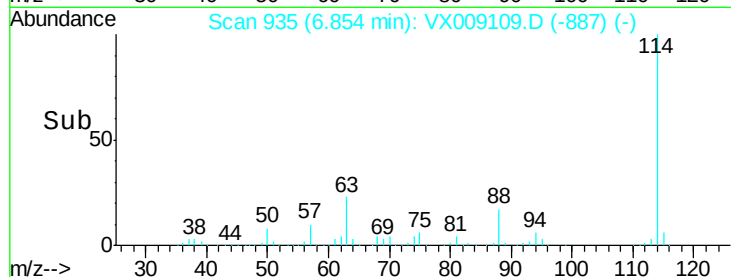
100000

50000

0

Time-->

6.70 6.80 6.90 7.00 7.10



#35

Dibromofluoromethane

Concen: 47.056 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009109.D

Acq: 23 Apr 2019 10:36

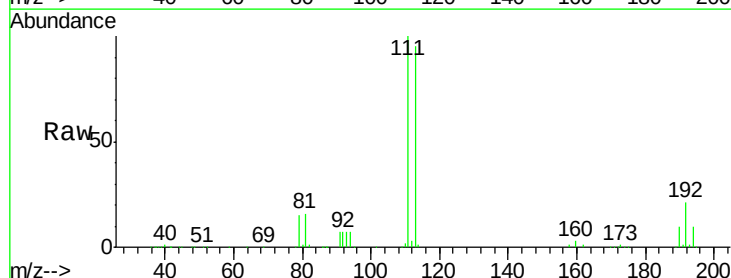
Tgt Ion:113 Resp: 119817

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 21.1 17.4 26.0



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

5.49

60000

50000

40000

30000

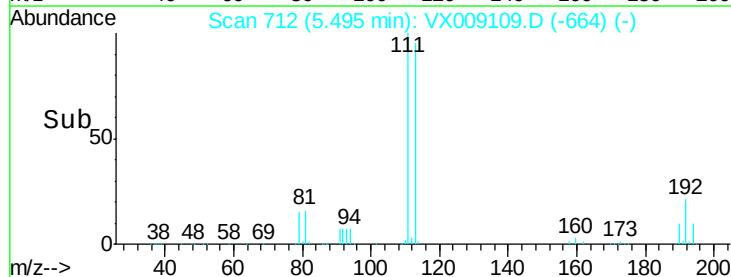
20000

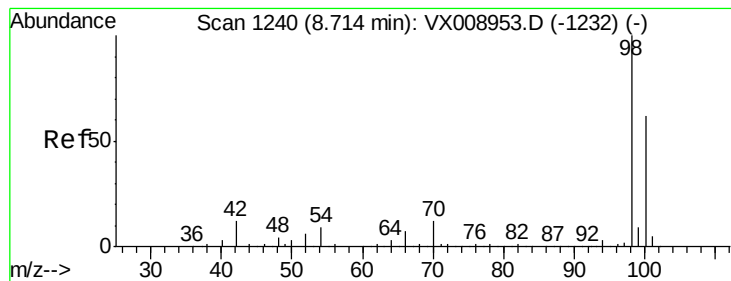
10000

0

Time-->

5.40 5.50 5.60





#50

Toluene-d8

Concen: 48.695 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009109.D

Acq: 23 Apr 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

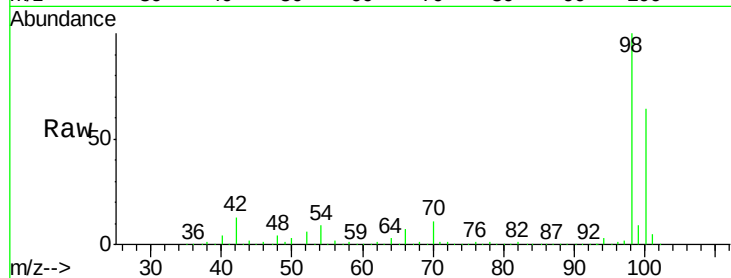
VX0423WBL01

Tot Ion: 98 Resp: 494479

Ion Ratio Lower Upper

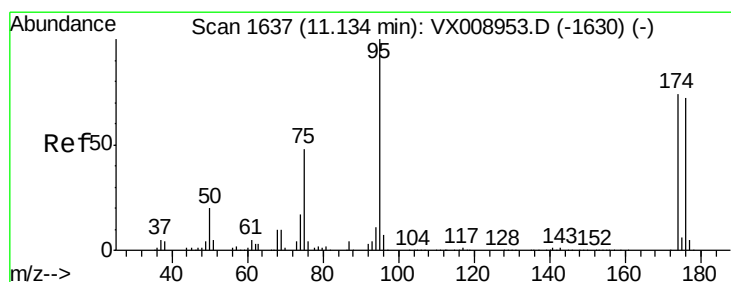
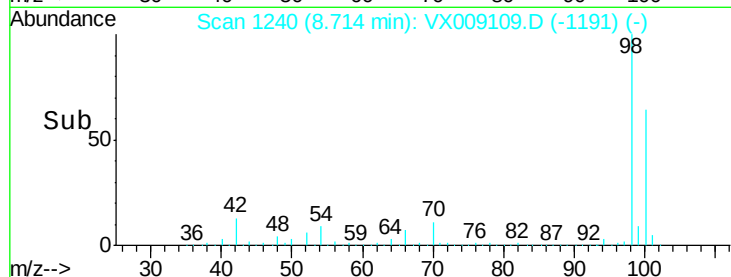
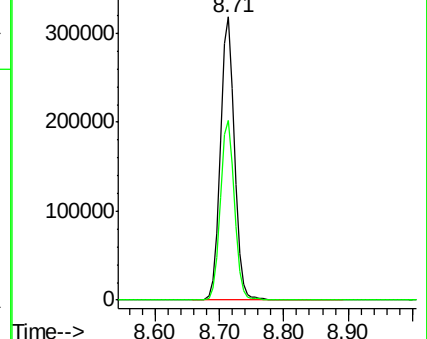
98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.771 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009109.D

Acq: 23 Apr 2019 10:36

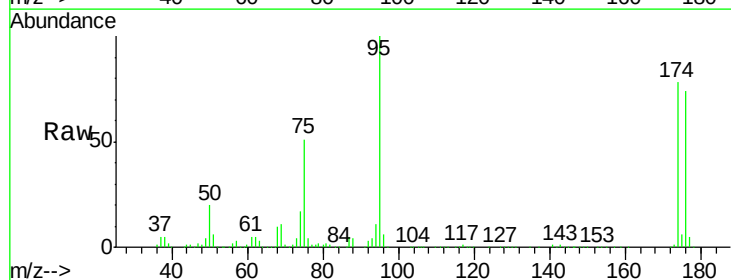
Tgt Ion: 95 Resp: 164072

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

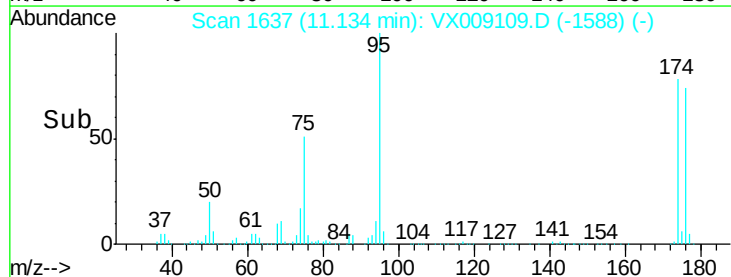
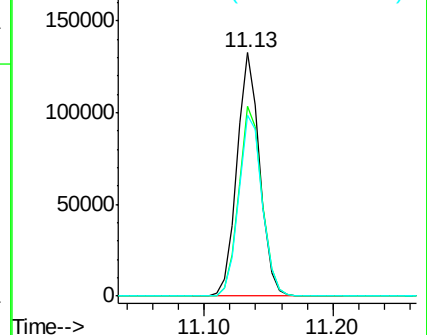
176 76.9 0.0 154.8

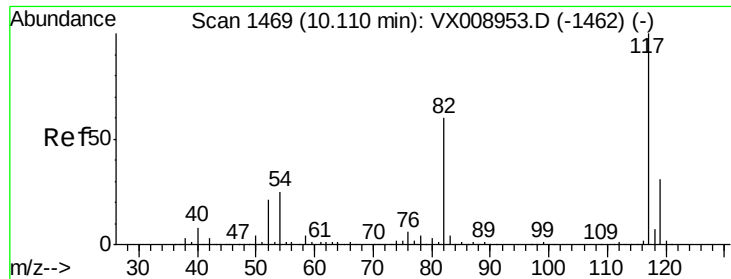


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

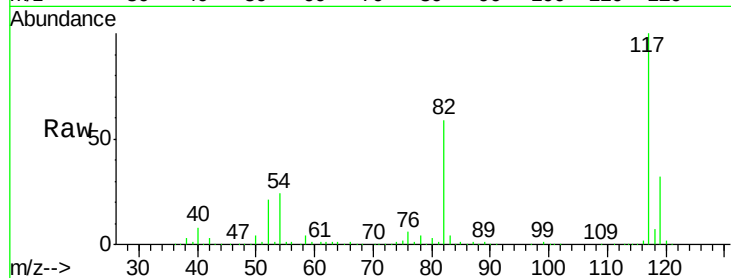




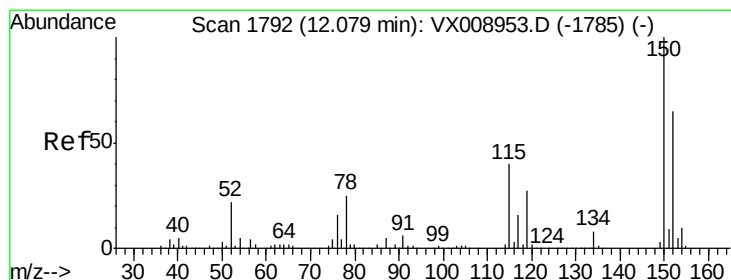
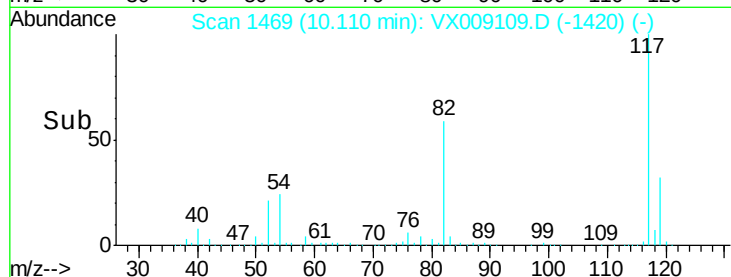
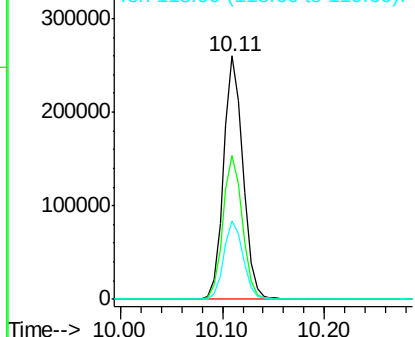
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009109.D
Acq: 23 Apr 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBL01

Tot Ion:117 Resp: 344653
Ion Ratio Lower Upper
117 100
82 59.0 48.2 72.4
119 32.3 25.0 37.6

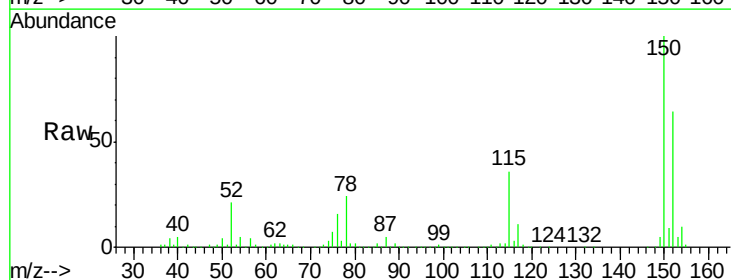


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009109.D
Acq: 23 Apr 2019 10:36

Tgt Ion:152 Resp: 148048
Ion Ratio Lower Upper
152 100
115 58.6 41.4 124.2
150 156.6 0.0 349.8



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

