

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004534.D
 Acq On : 14 Sep 2018 12:40
 Operator : JC/MD
 Sample : J4892-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04-091218

Quant Time: Sep 17 14:57:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174735	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	161729	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
35) Dibromofluoromethane	5.50	113	150337	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	8.72	98	473815	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	11.14	95	164937	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	

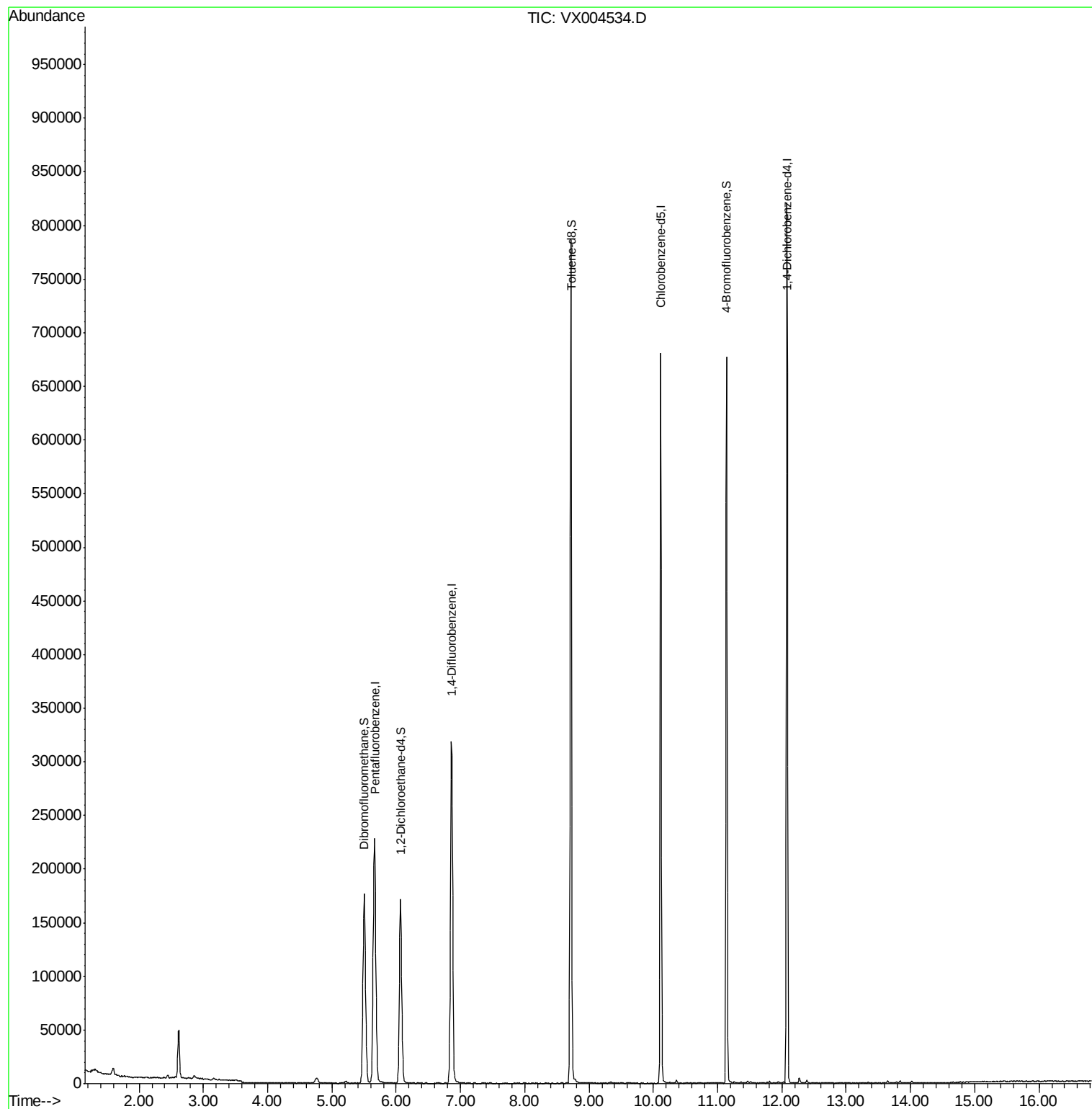
Target Compounds	Qvalue
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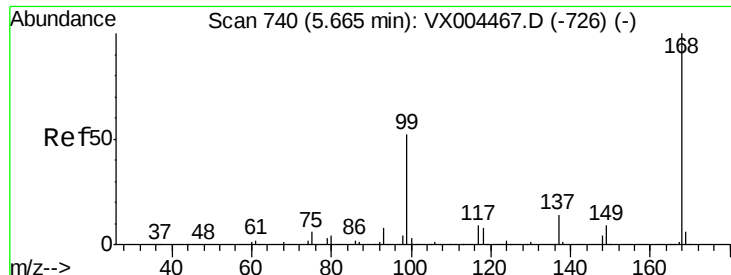
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004534.D

Acq: 14 Sep 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

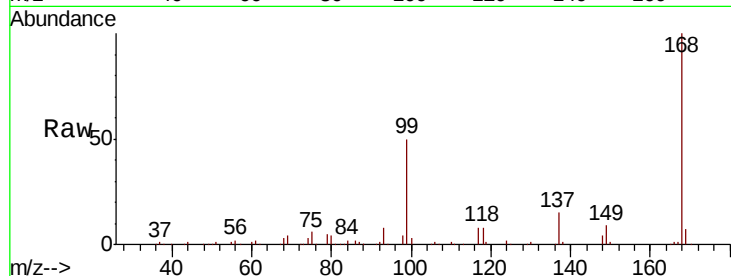
PR-MW-04-091218

Tot Ion:168 Resp: 240802

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

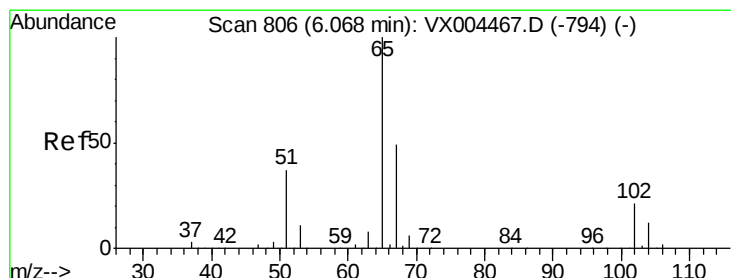
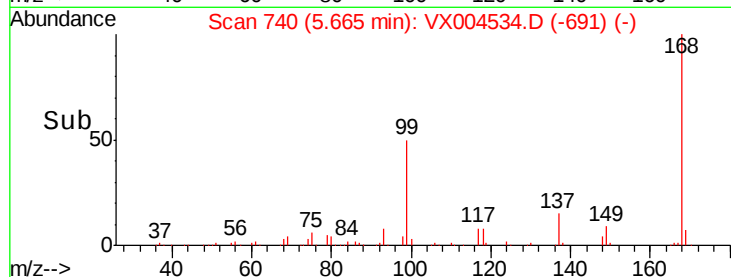
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.09 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004534.D

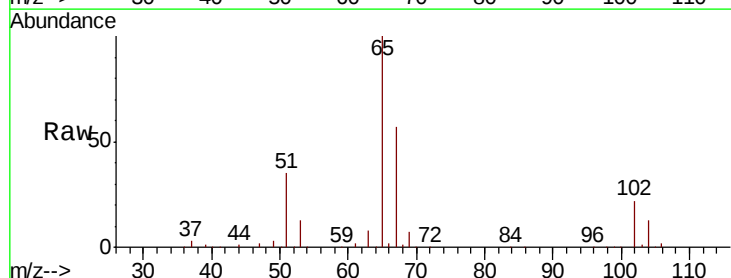
Acq: 14 Sep 2018 12:40

Tgt Ion: 65 Resp: 161729

Ion Ratio Lower Upper

65 100

67 54.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

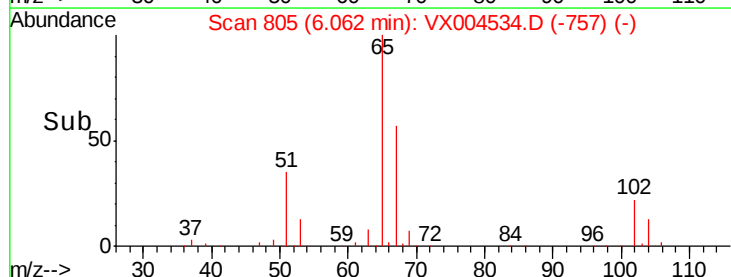
60000

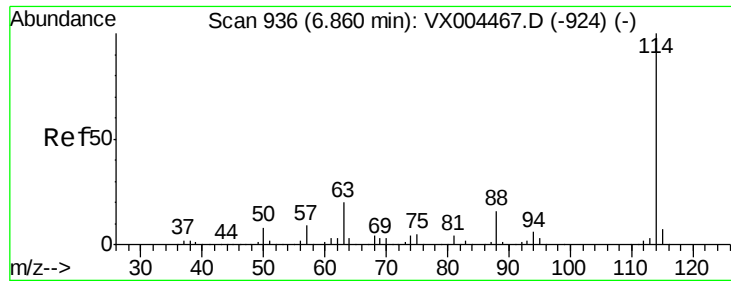
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004534.D

Acq: 14 Sep 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04-091218

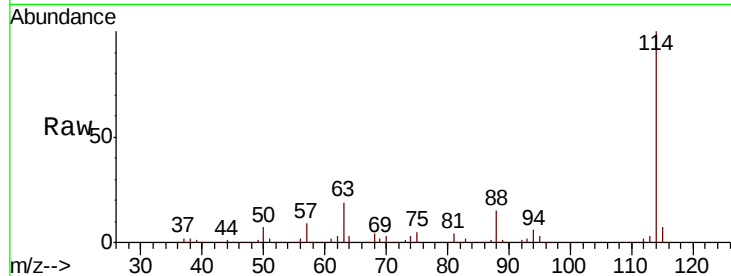
Tot Ion:114 Resp: 333850

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

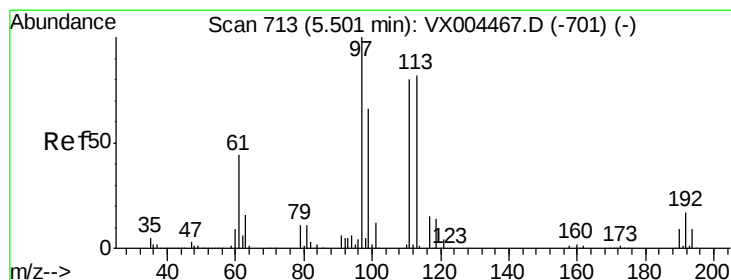
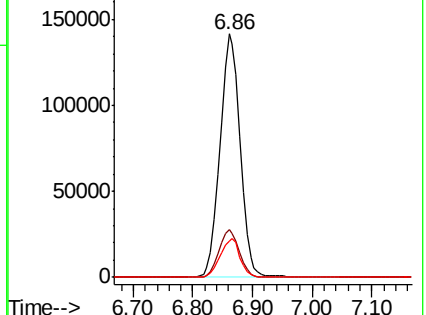
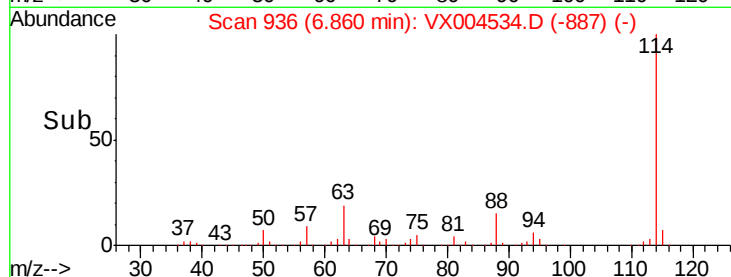
88 15.1 0.0 30.4



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: 49.21 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004534.D

Acq: 14 Sep 2018 12:40

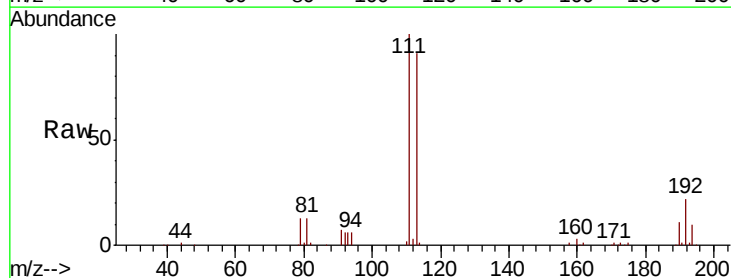
Tgt Ion:113 Resp: 150337

Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

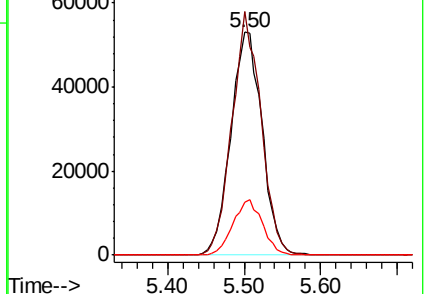
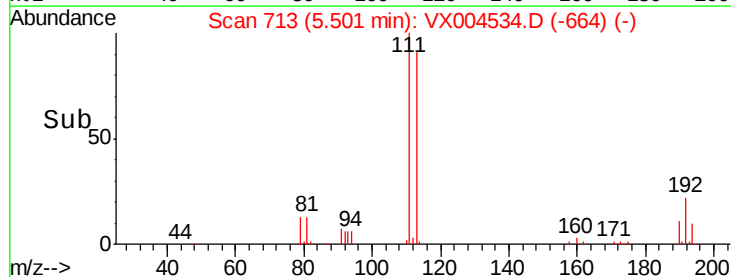
192 23.5 19.4 29.2

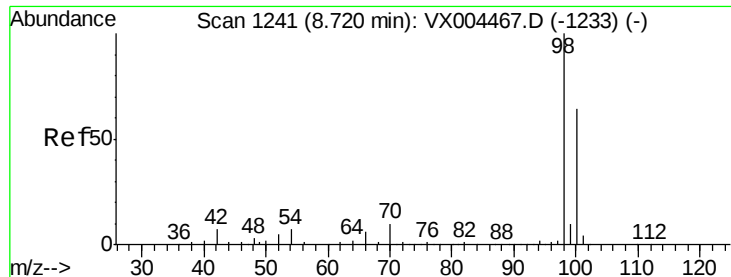


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.25 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004534.D

Acq: 14 Sep 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

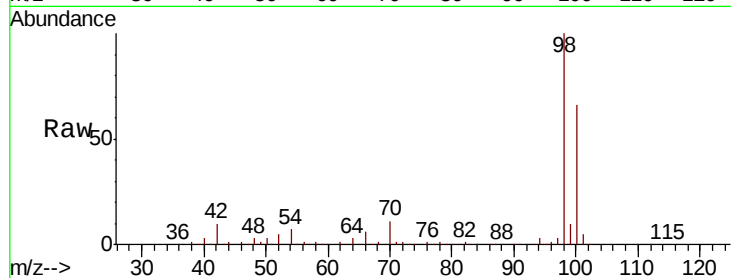
PR-MW-04-091218

Tot Ion: 98 Resp: 473815

Ion Ratio Lower Upper

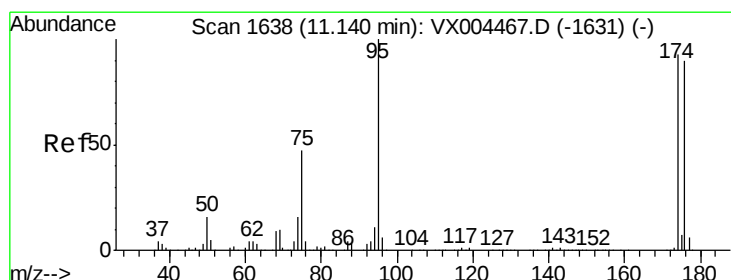
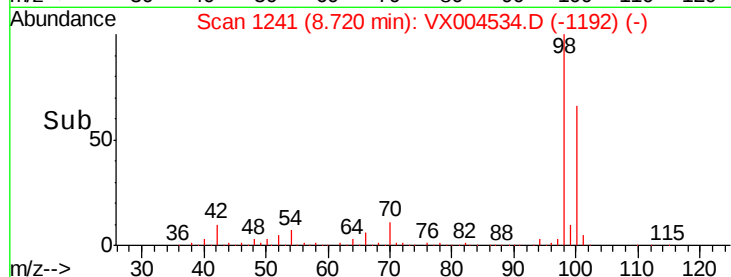
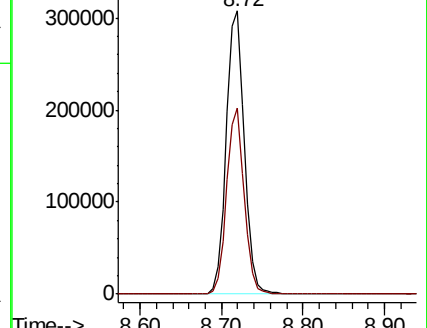
98 100

100 63.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.10 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004534.D

Acq: 14 Sep 2018 12:40

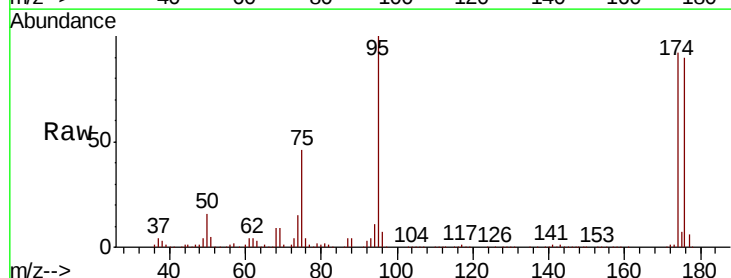
Tgt Ion: 95 Resp: 164937

Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.2

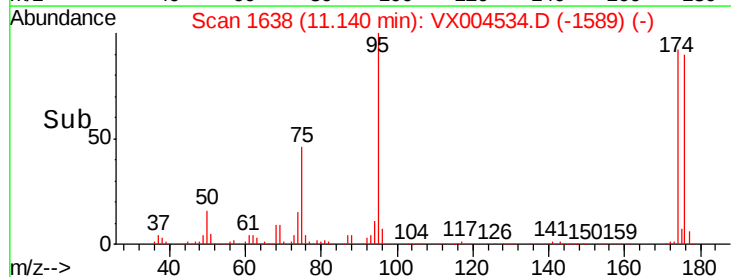
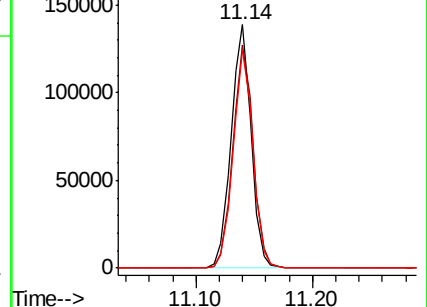
176 89.4 0.0 178.6

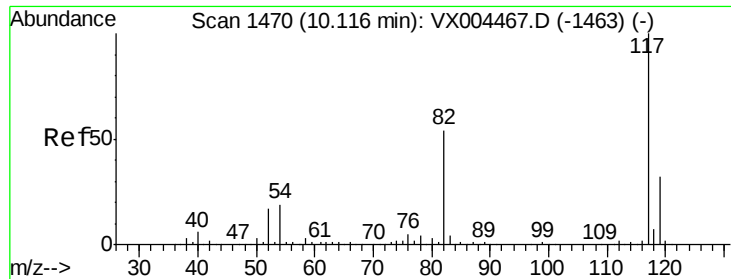


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

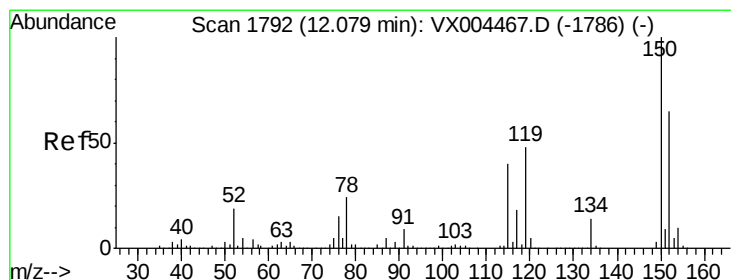
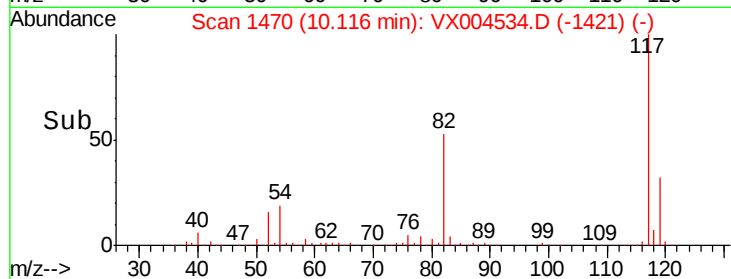
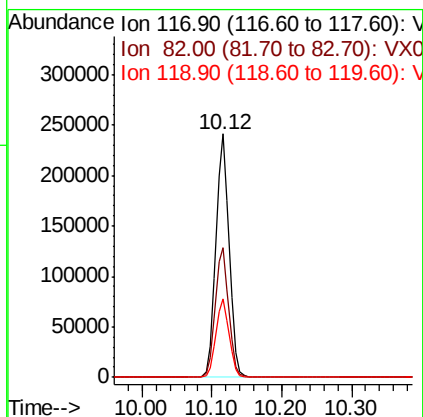
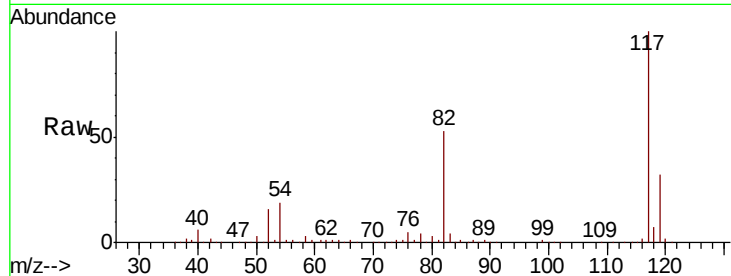




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004534.D
Acq: 14 Sep 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04-091218

Tot Ion:117 Resp: 317002
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 32.3 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004534.D
Acq: 14 Sep 2018 12:40

Tgt Ion:152 Resp: 174735
Ion Ratio Lower Upper
152 100
115 54.9 39.0 117.0
150 155.4 0.0 351.0

