

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004471.D
 Acq On : 11 Sep 2018 17:53
 Operator : JC/MD
 Sample : VX0911WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBL01

Quant Time: Sep 12 06:52:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 15:21:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169419	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	142364	53.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.42%	
35) Dibromofluoromethane	5.50	113	133878	46.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.04%	
50) Toluene-d8	8.71	98	459322	47.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.14	95	161991	47.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.04%	

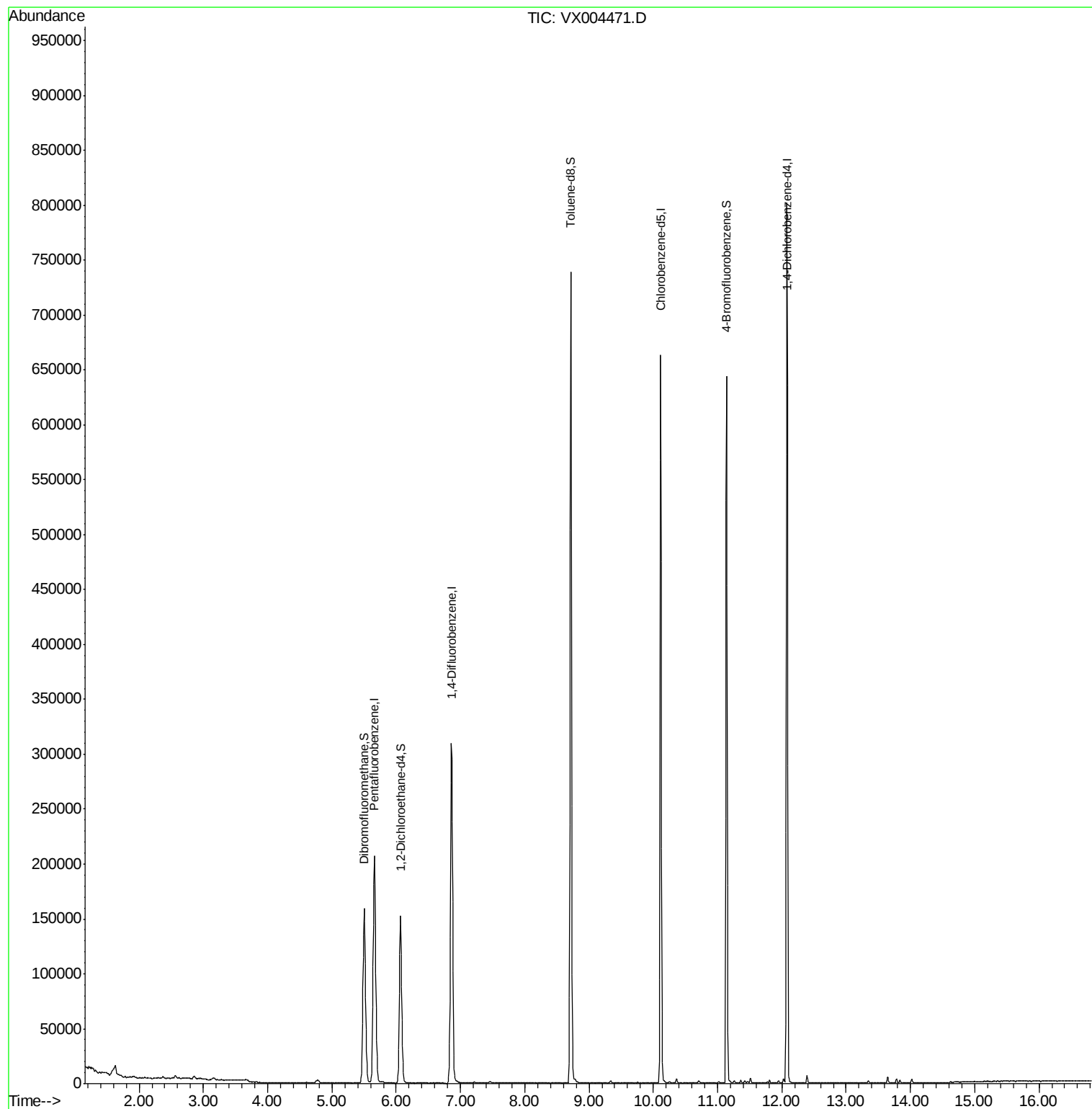
Target Compounds	Qvalue

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

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QLast Update : Tue Sep 11 15:21:13 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004471.D

Acq: 11 Sep 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

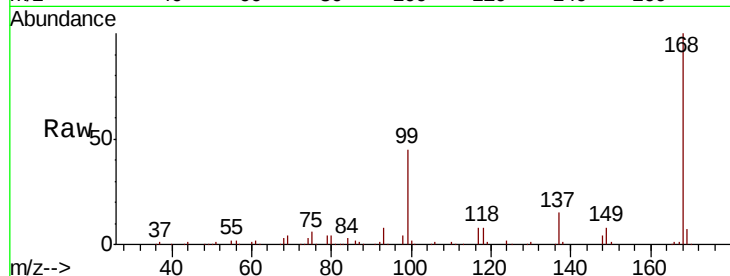
VX0911WBL01

Tot Ion:168 Resp: 207487

Ion Ratio Lower Upper

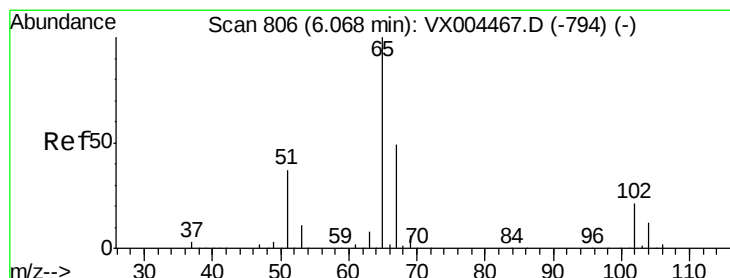
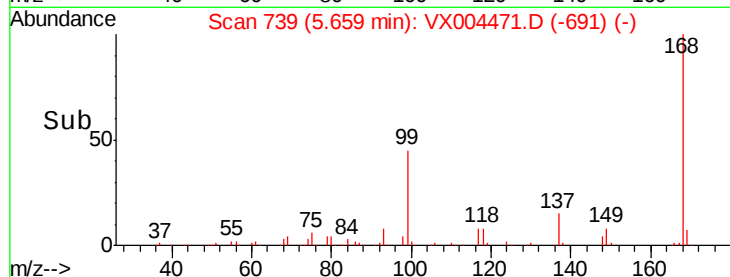
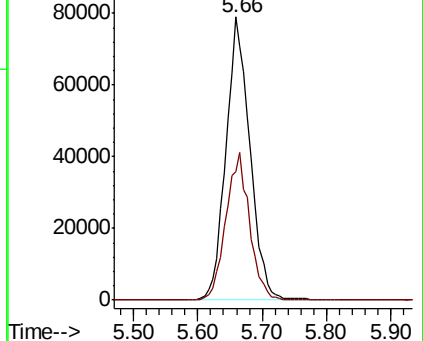
168 100

99 45.2 39.9 59.9



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: 53.21 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004471.D

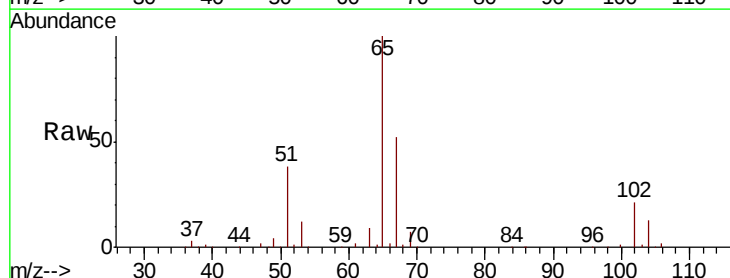
Acq: 11 Sep 2018 17:53

Tgt Ion: 65 Resp: 142364

Ion Ratio Lower Upper

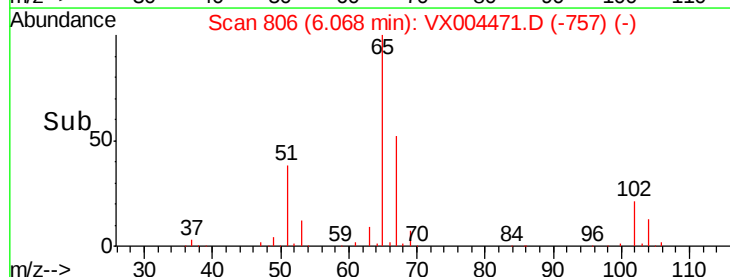
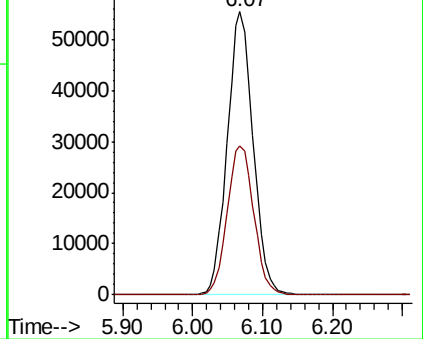
65 100

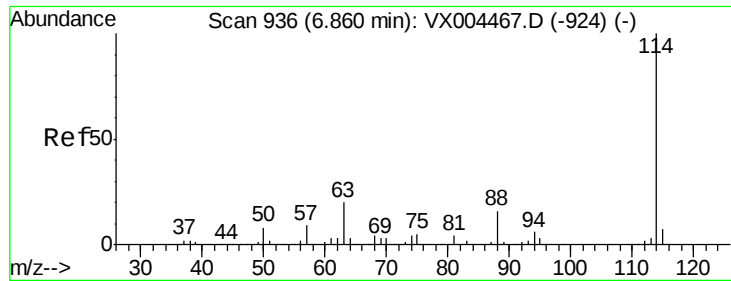
67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

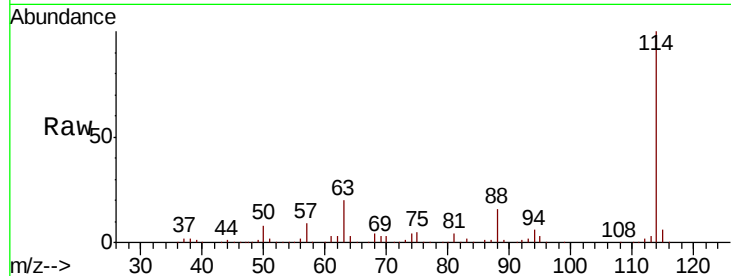




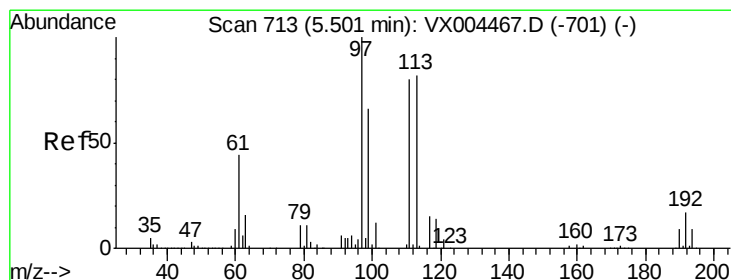
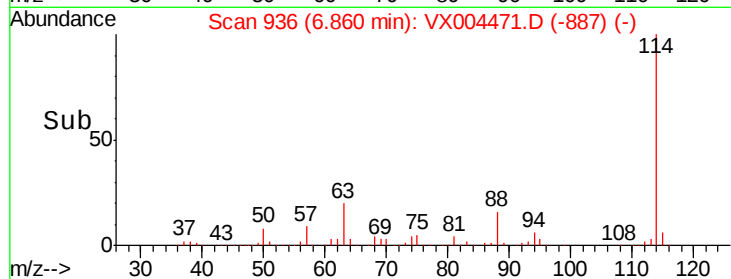
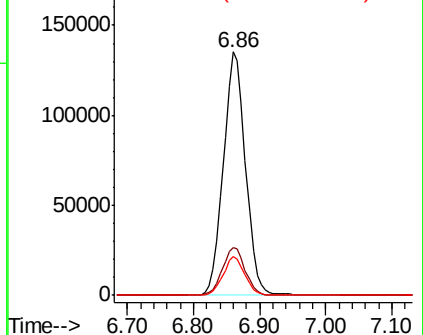
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004471.D
 Acq: 11 Sep 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBL01

Tot Ion:114 Resp: 314479
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.8 0.0 30.4

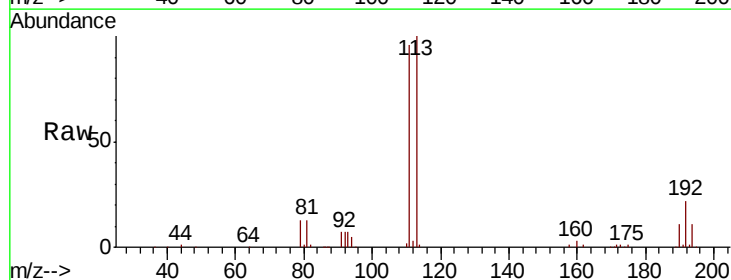


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

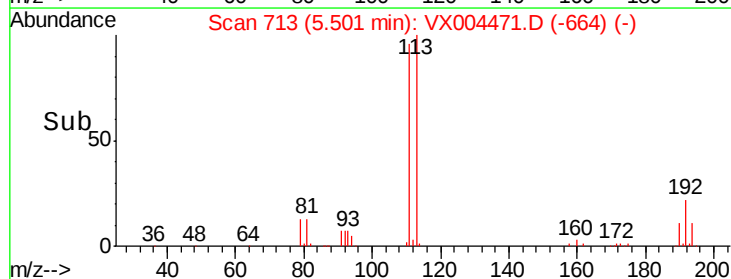
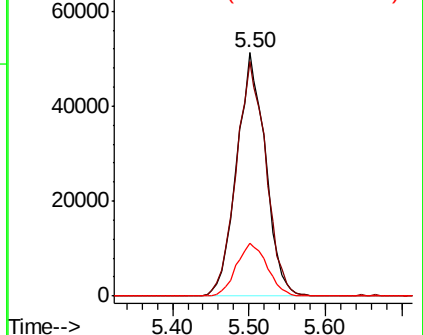


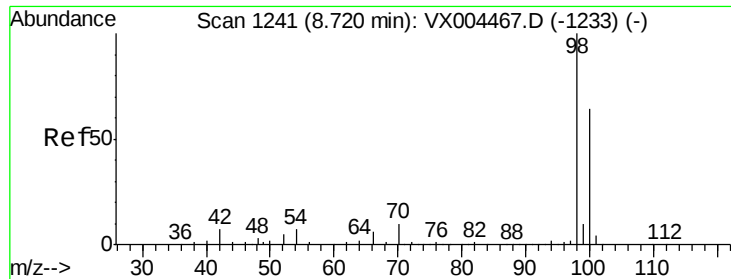
#35
 Dibromofluoromethane
 Concen: 46.52 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004471.D
 Acq: 11 Sep 2018 17:53

Tgt Ion:113 Resp: 133878
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.4 123.6
 192 23.2 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: 47.59 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004471.D

Acq: 11 Sep 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

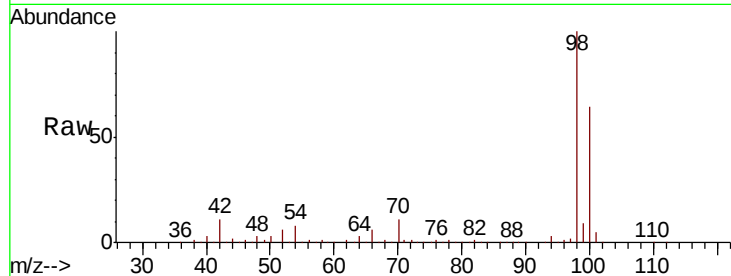
VX0911WBL01

Tot Ion: 98 Resp: 459322

Ion Ratio Lower Upper

98 100

100 63.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

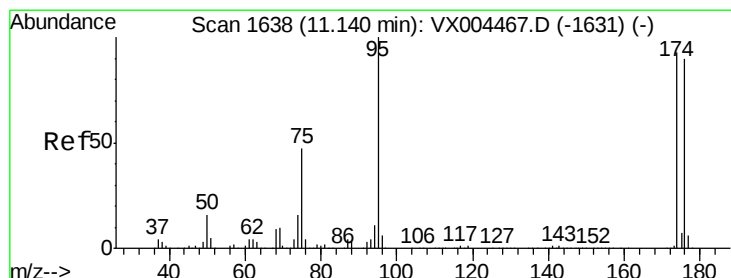
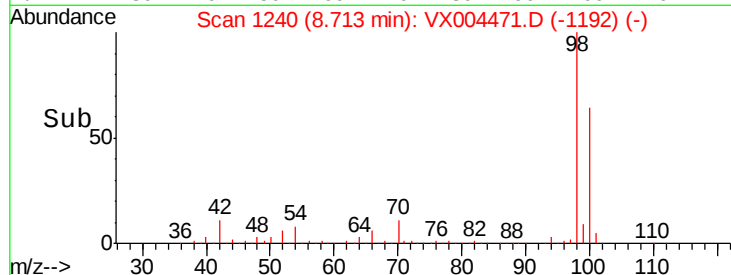
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.02 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004471.D

Acq: 11 Sep 2018 17:53

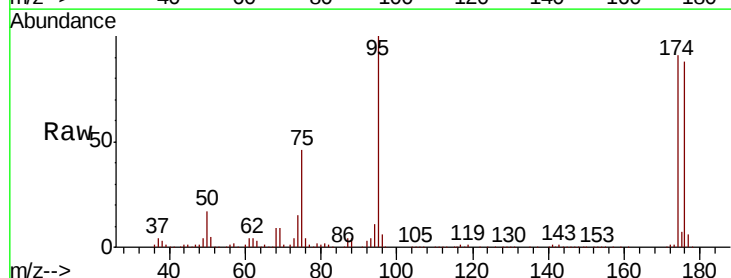
Tgt Ion: 95 Resp: 161991

Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.2

176 88.0 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

11.14

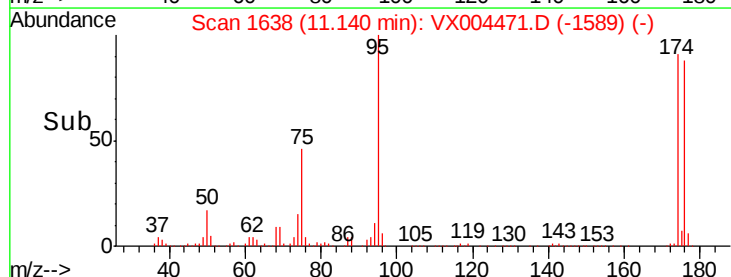
150000

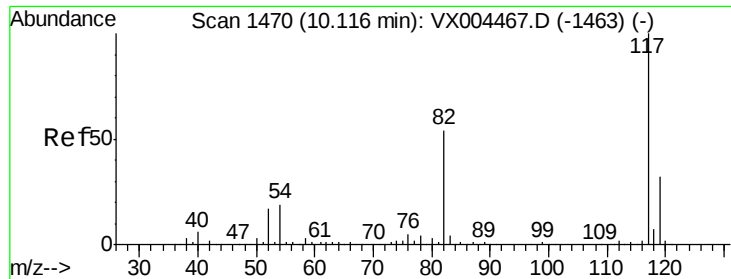
100000

50000

0

Time-->

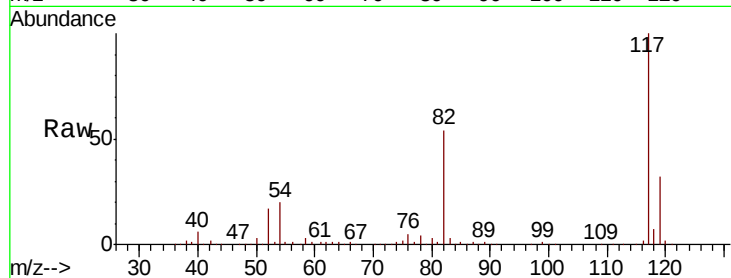




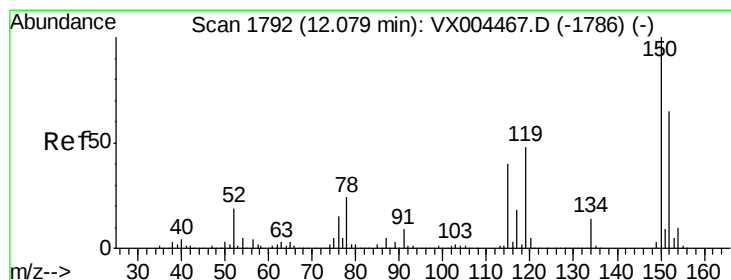
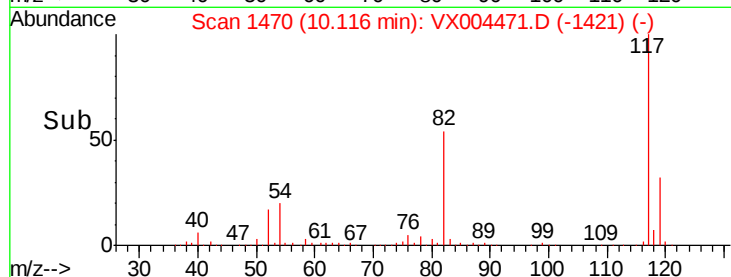
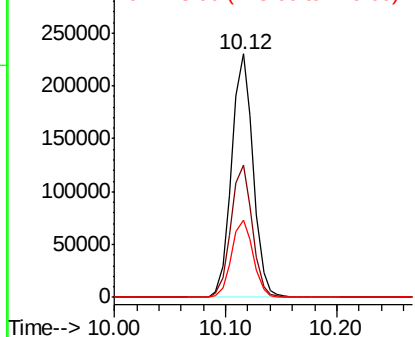
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004471.D
Acq: 11 Sep 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBL01

Tot Ion:117 Resp: 307099
Ion Ratio Lower Upper
117 100
82 54.1 47.8 71.6
119 32.0 29.3 43.9

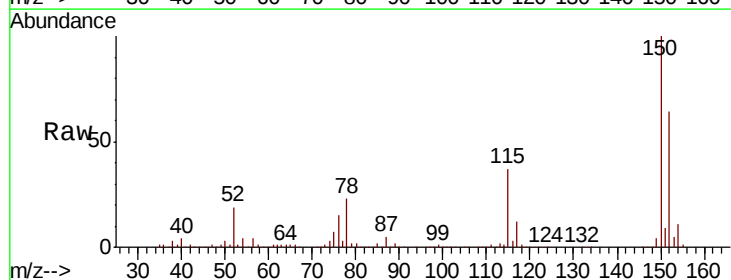


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004471.D
Acq: 11 Sep 2018 17:53

Tgt Ion:152 Resp: 169419
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 155.2 0.0 351.0



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

