

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005239.D
 Acq On : 11 Oct 2018 07:39
 Operator : JC/MD
 Sample : J5284-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181002DL

Quant Time: Oct 11 08:36:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

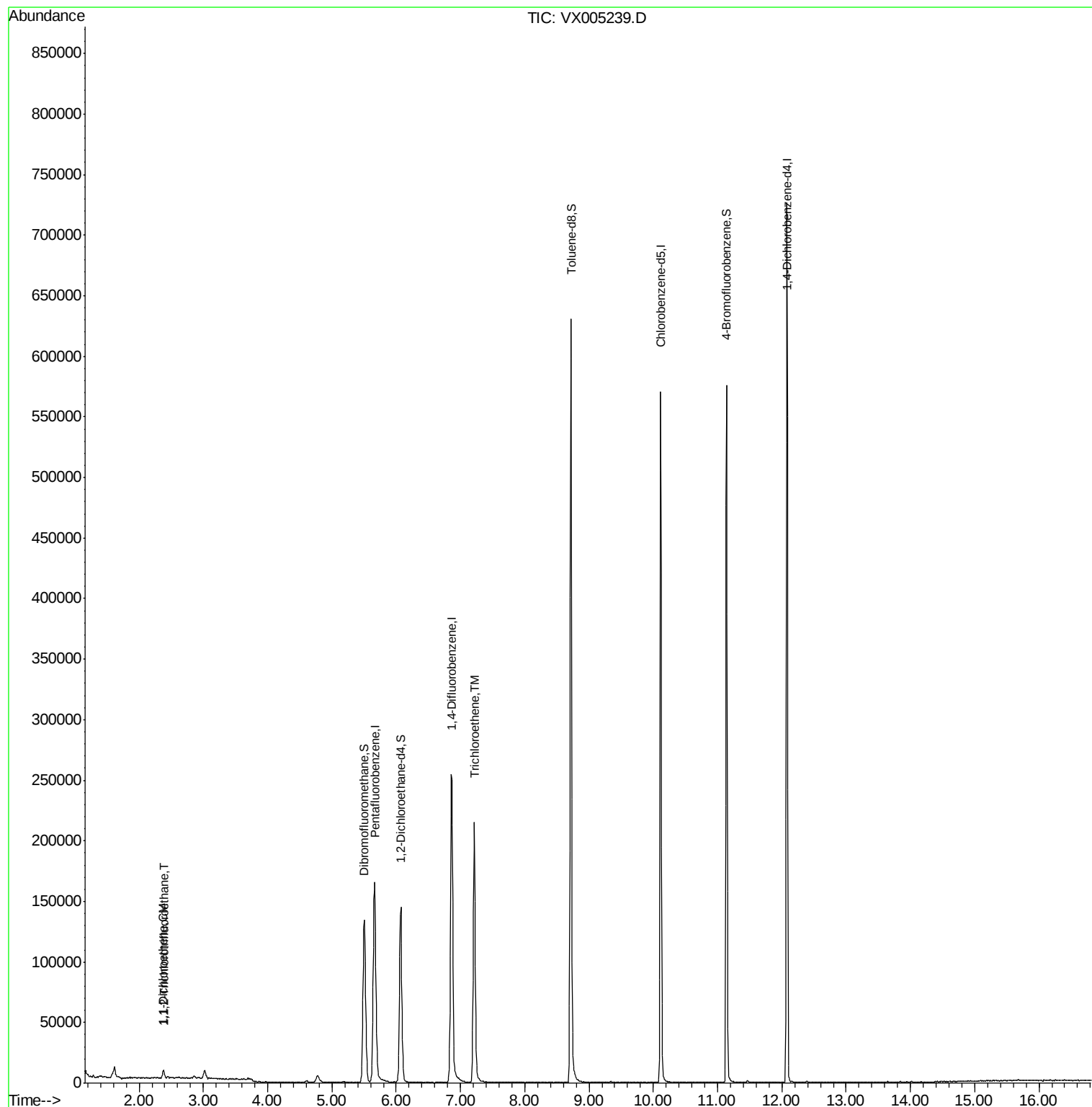
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138417	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
35) Dibromofluoromethane	5.50	113	114297	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	8.72	98	393126	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	140613	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1508	0.80	ug/l	94
12) 1,1-Dichloroethene	2.37	96	1164	0.63	ug/l	93
44) Trichloroethene	7.21	130	87678	36.87	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005239.D
Acq On : 11 Oct 2018 07:39
Operator : JC/MD
Sample : J5284-09DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002DL

Quant Time: Oct 11 08:36:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005239.D

Acq: 11 Oct 2018 07:39

Instrument :

MSVOA_X

ClientSampleId :

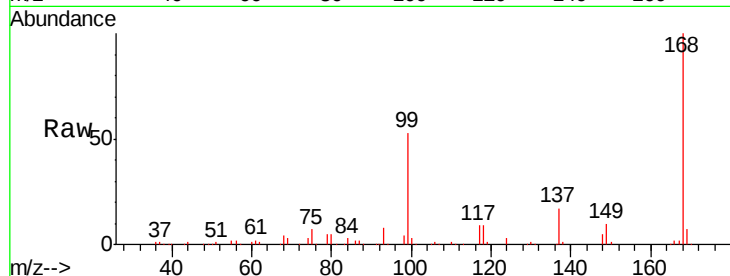
RE-120D1-20181002DL

Tgt Ion:168 Resp: 171809

Ion Ratio Lower Upper

168 100

99 53.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

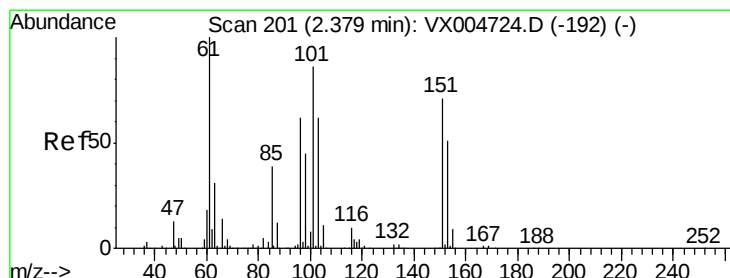
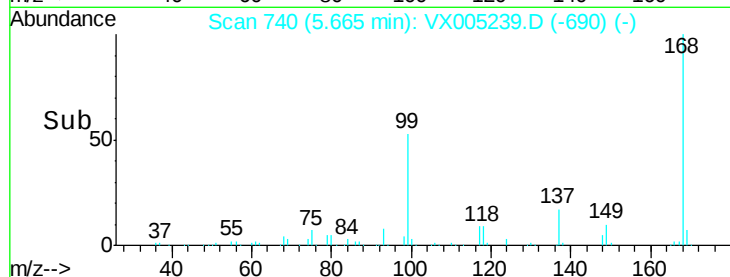
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.80 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005239.D

Acq: 11 Oct 2018 07:39

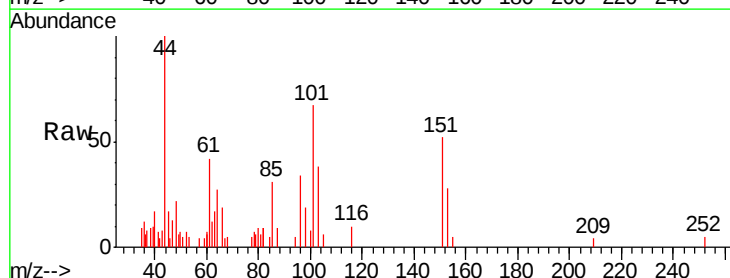
Tgt Ion:101 Resp: 1508

Ion Ratio Lower Upper

101 100

85 53.1 35.9 53.9

151 85.2 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

1200

1000

800

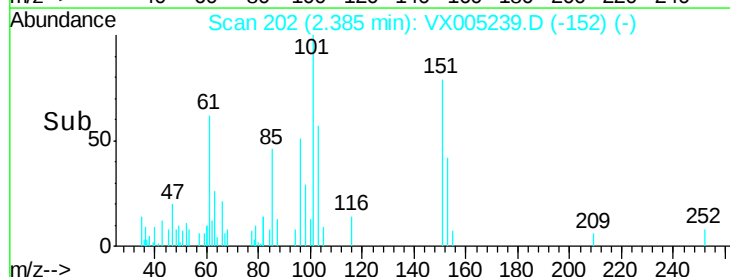
600

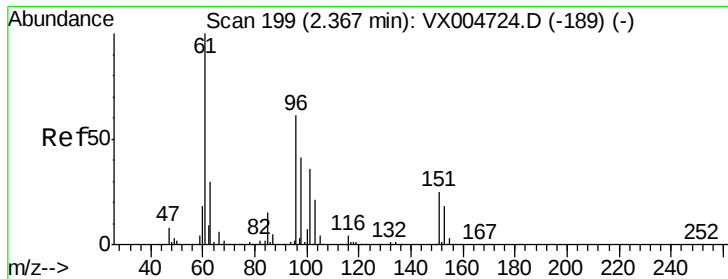
400

200

0

Time--> 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 0.63 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005239.D

Acq: 11 Oct 2018 07:39

Instrument :

MSVOA_X

ClientSampleId :

RE-120D1-20181002DL

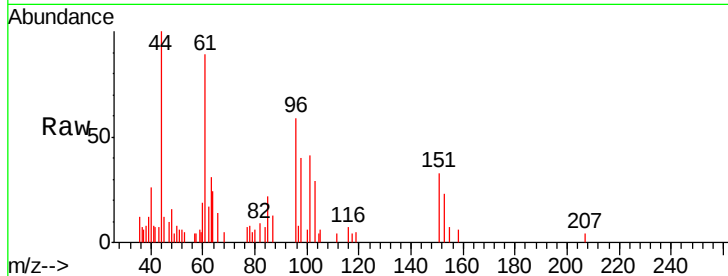
Tgt Ion: 96 Resp: 1164

Ion Ratio Lower Upper

96 100

61 150.9 130.2 195.4

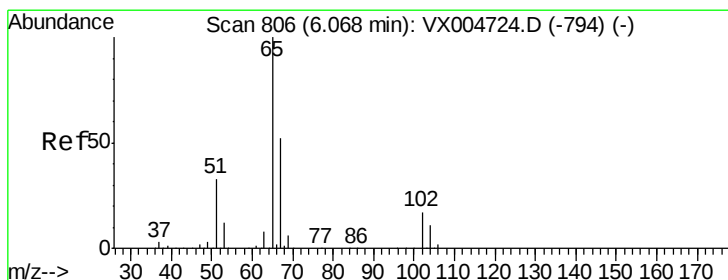
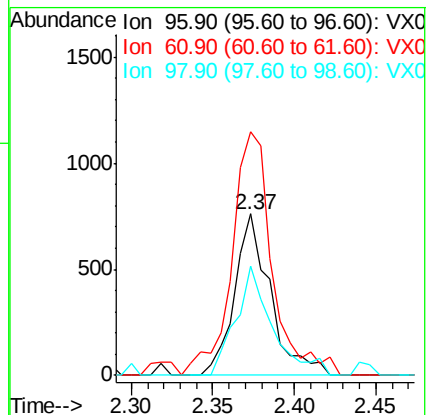
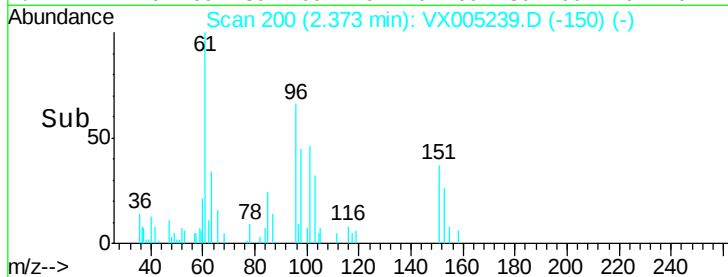
98 67.7 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.40 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005239.D

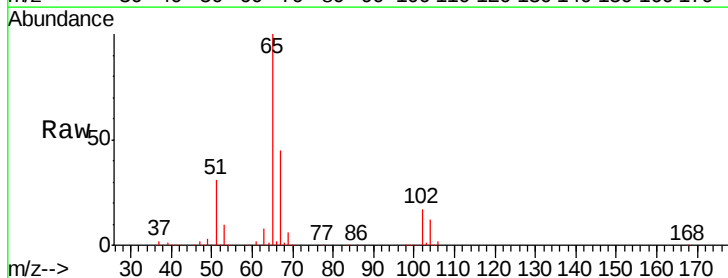
Acq: 11 Oct 2018 07:39

Tgt Ion: 65 Resp: 138417

Ion Ratio Lower Upper

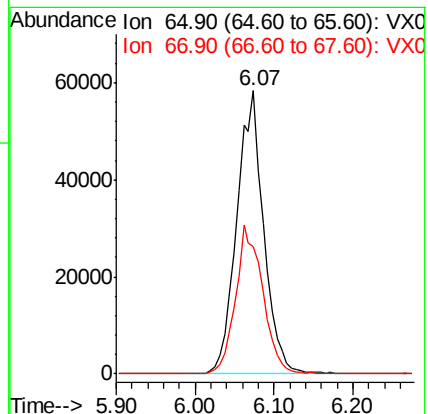
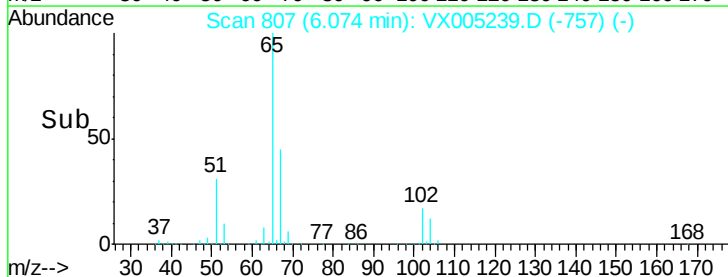
65 100

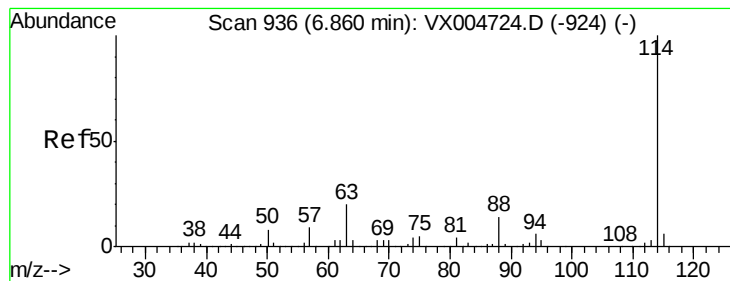
67 53.2 0.0 107.4



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: VX005239.D

Acq: 11 Oct 2018 07:39

Instrument :

MSVOA_X

ClientSampleId :

RE-120D1-20181002DL

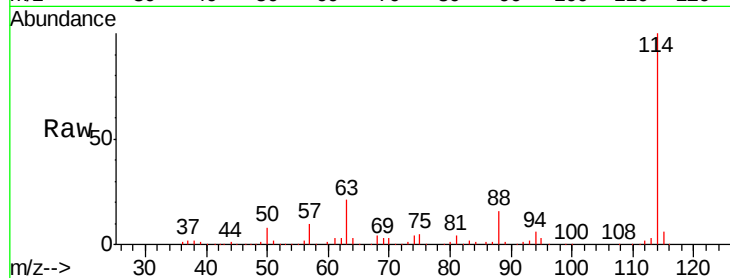
Tgt Ion:114 Resp: 267244

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

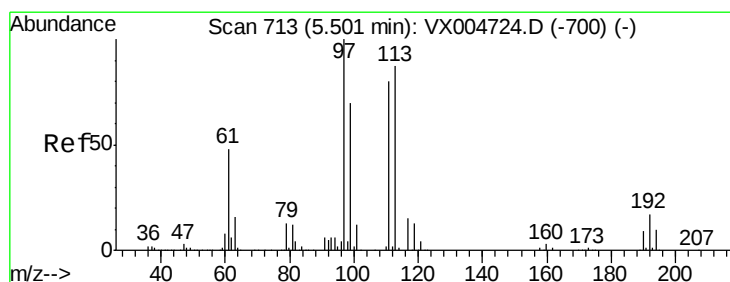
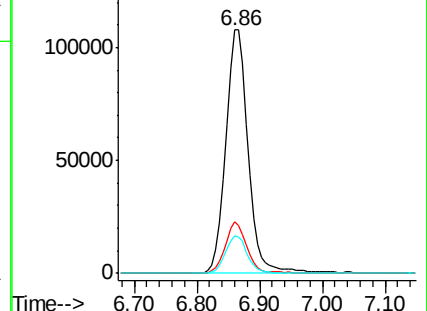
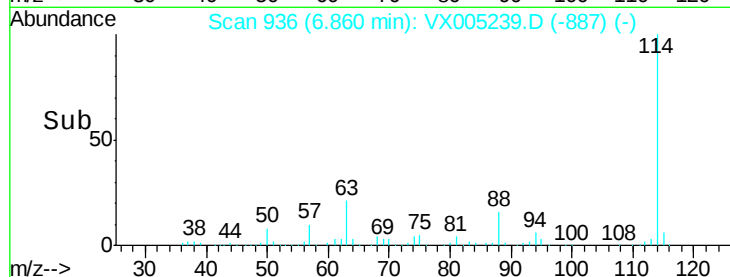
88 15.7 0.0 27.0



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: 50.46 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005239.D

Acq: 11 Oct 2018 07:39

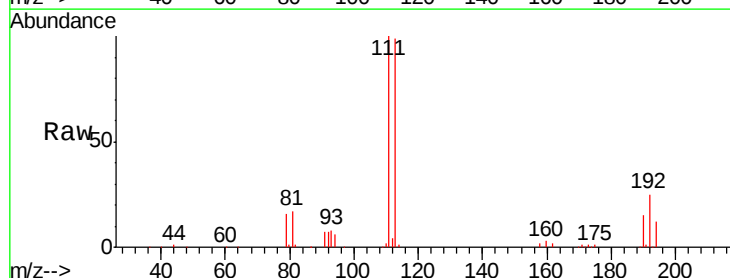
Tgt Ion:113 Resp: 114297

Ion Ratio Lower Upper

113 100

111 104.9 77.0 115.4

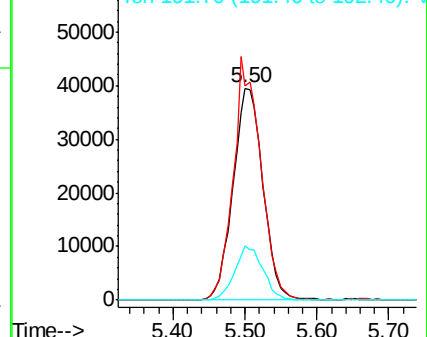
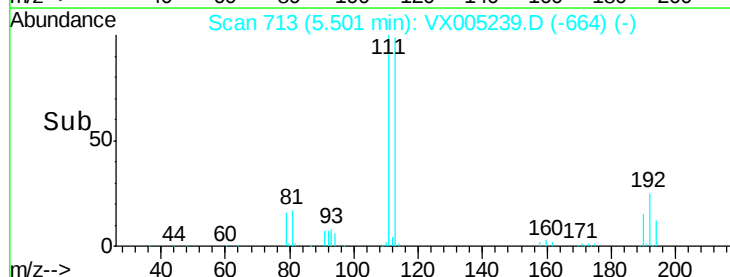
192 24.0 17.0 25.6

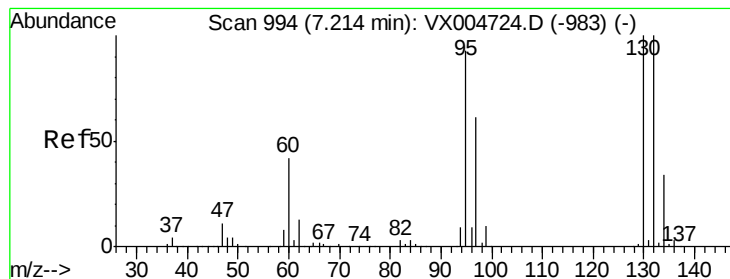


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 36.87 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005239.D

Acq: 11 Oct 2018 07:39

Instrument :

MSVOA_X

ClientSampleId :

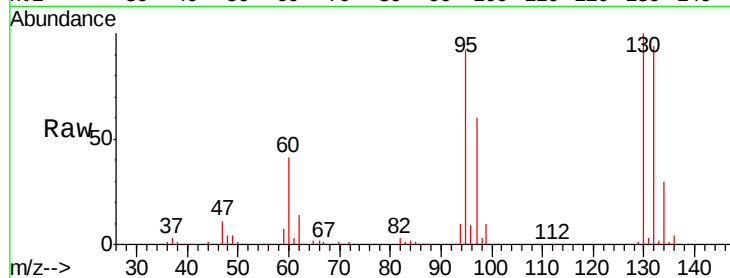
RE-120D1-20181002DL

Tgt Ion:130 Resp: 87678

Ion Ratio Lower Upper

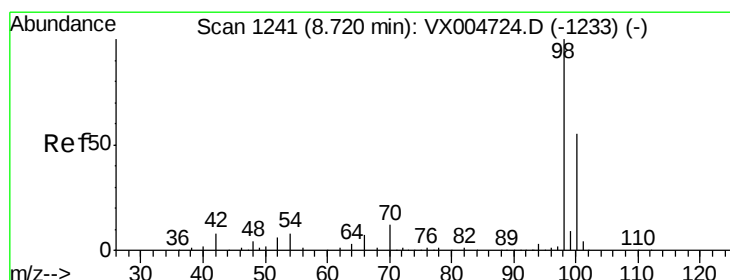
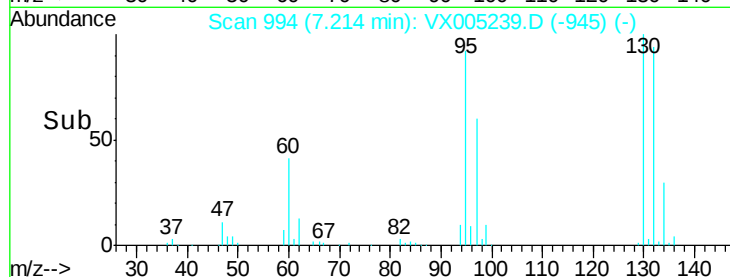
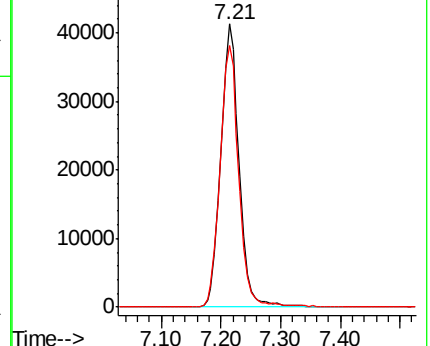
130 100

95 92.5 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.21 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005239.D

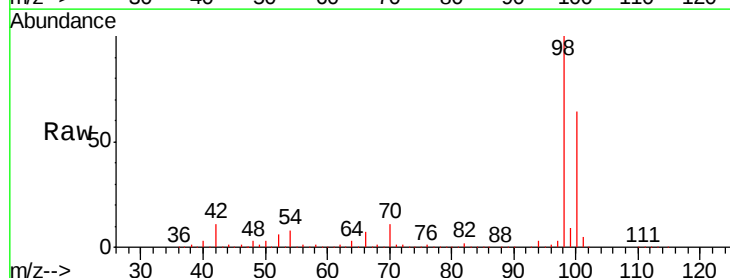
Acq: 11 Oct 2018 07:39

Tgt Ion: 98 Resp: 393126

Ion Ratio Lower Upper

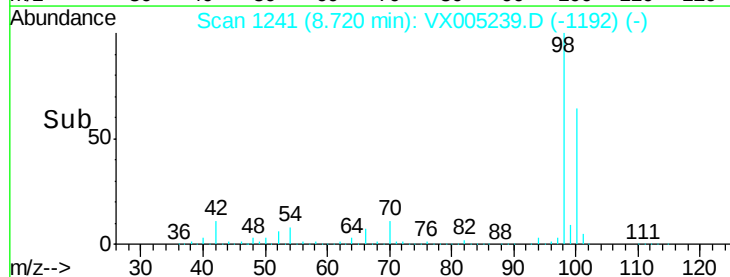
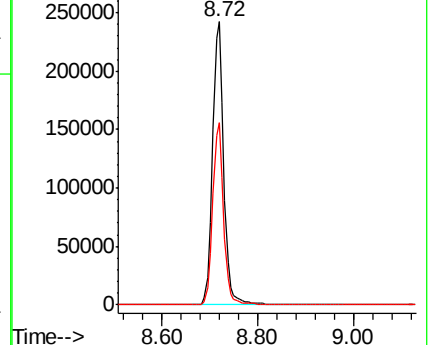
98 100

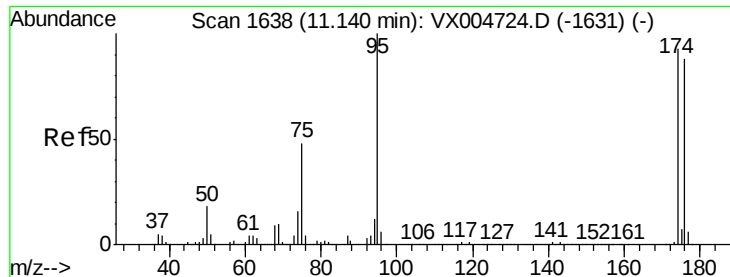
100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.84 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005239.D

Acq: 11 Oct 2018 07:39

Instrument :

MSVOA_X

ClientSampleId :

RE-120D1-20181002DL

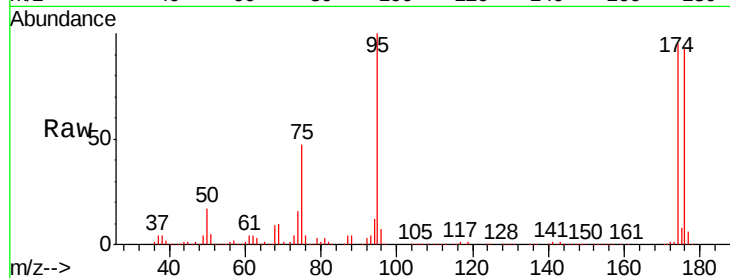
Tgt Ion: 95 Resp: 140613

Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.0

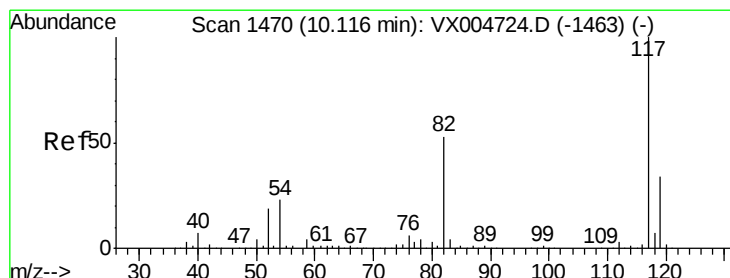
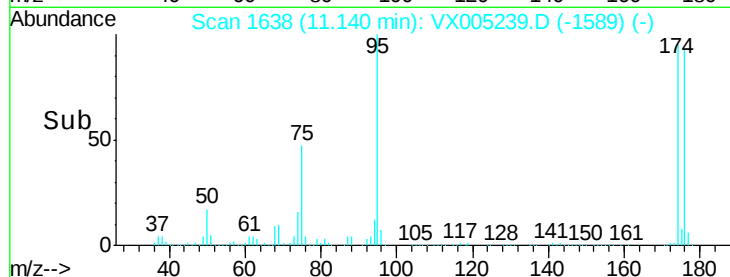
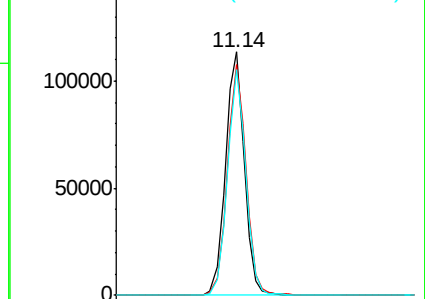
176 90.8 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005239.D

Acq: 11 Oct 2018 07:39

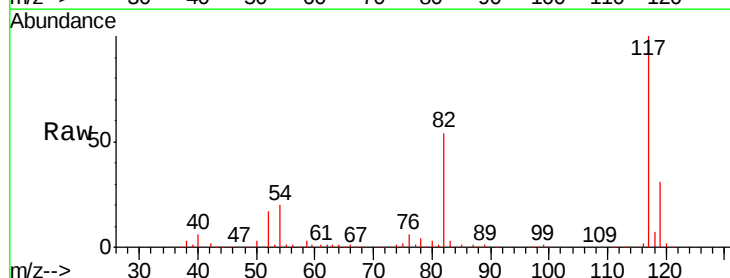
Tgt Ion: 117 Resp: 271302

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

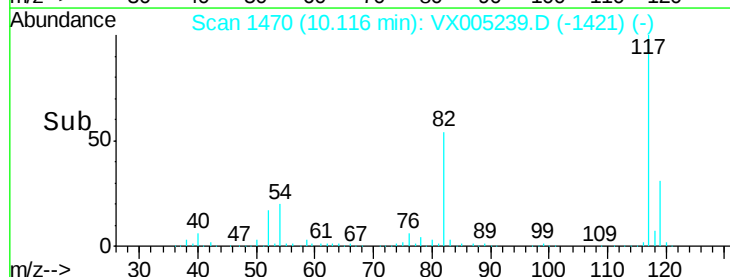
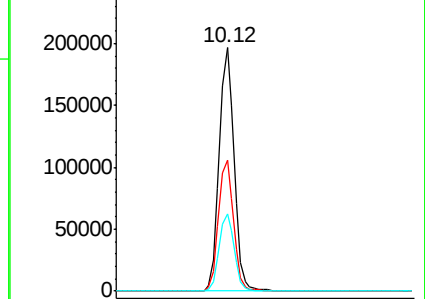
119 31.5 27.4 41.0

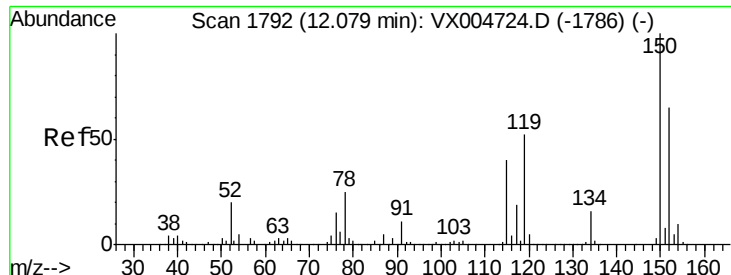


Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

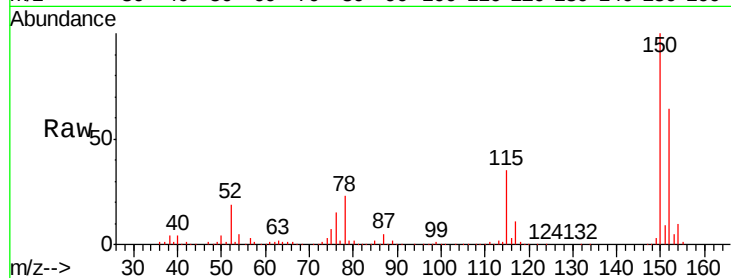




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005239.D
 Acq: 11 Oct 2018 07:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-120D1-20181002DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	40.2	120.6
150	157.0	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

