

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102518\
 Data File : VX005595.D
 Acq On : 25 Oct 2018 17:50
 Operator : JC/MD
 Sample : J5665-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-04

Quant Time: Nov 06 09:05:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

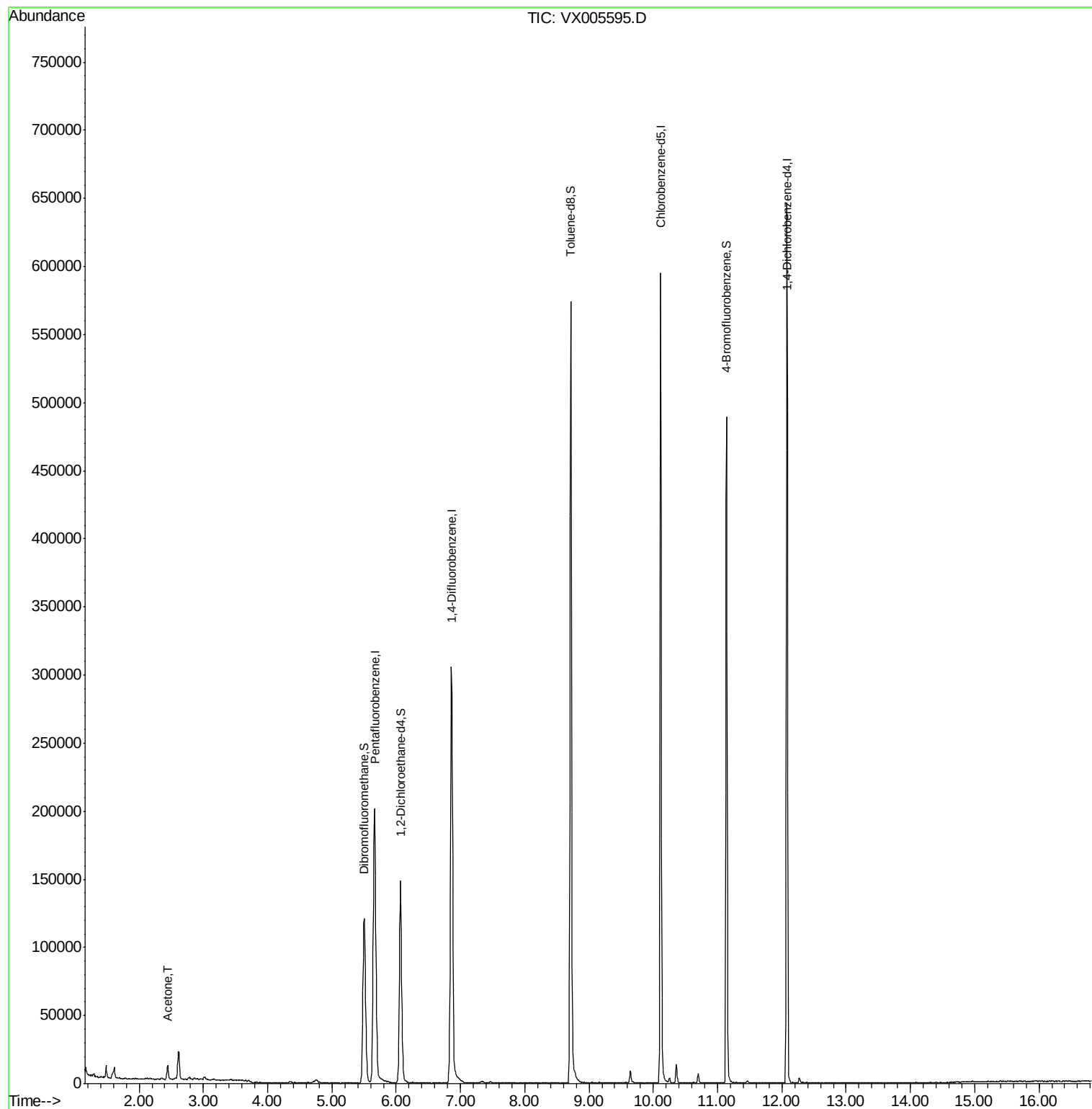
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132630	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	5.50	113	102460	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	370831	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.14	95	122572	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
16) Acetone	2.45	43	10523	7.972	ug/l	Qvalue 99

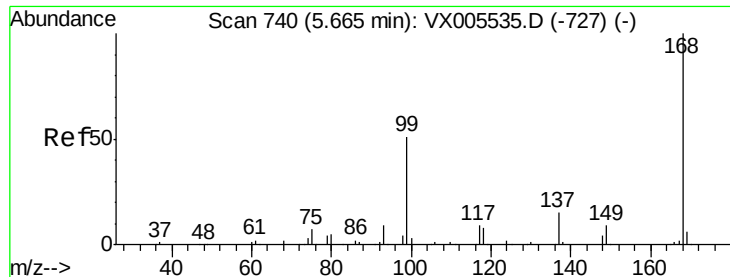
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005595.D

Acq: 25 Oct 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

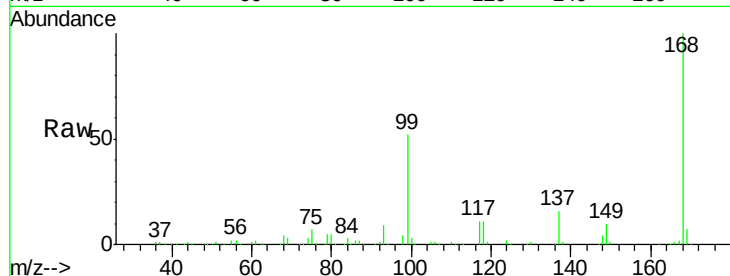
TWP-04

Tgt Ion:168 Resp: 204633

Ion Ratio Lower Upper

168 100

99 51.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

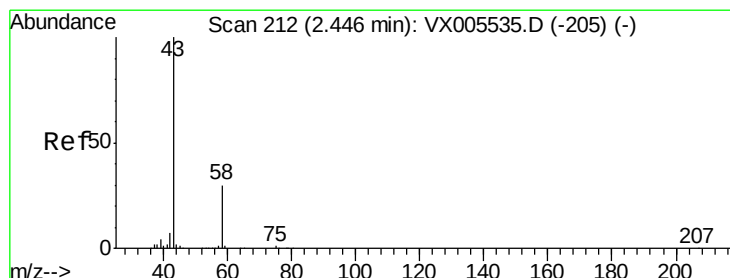
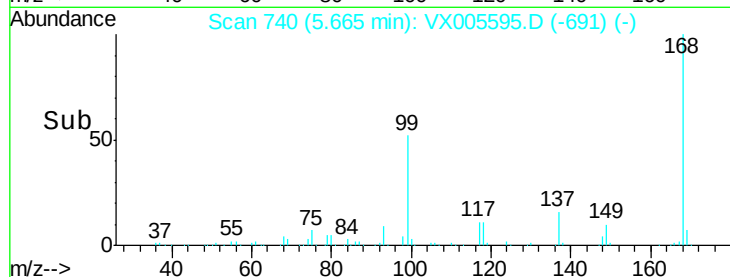
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 7.972 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005595.D

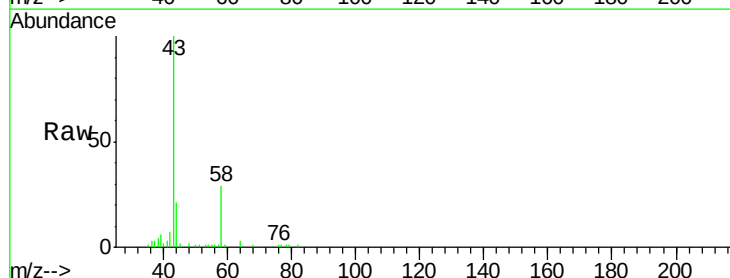
Acq: 25 Oct 2018 17:50

Tgt Ion: 43 Resp: 10523

Ion Ratio Lower Upper

43 100

58 29.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

6000

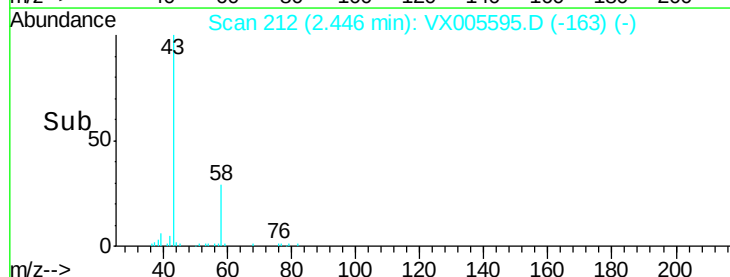
4000

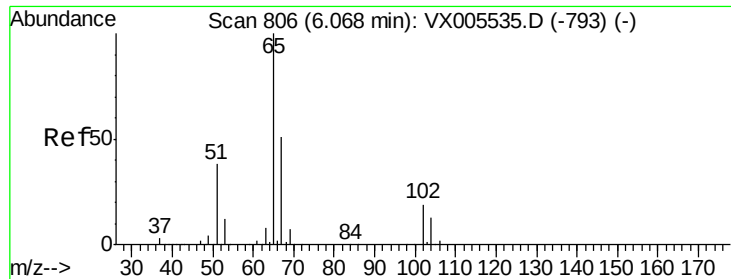
2000

0

2.35 2.40 2.45 2.50 2.55

Time-->

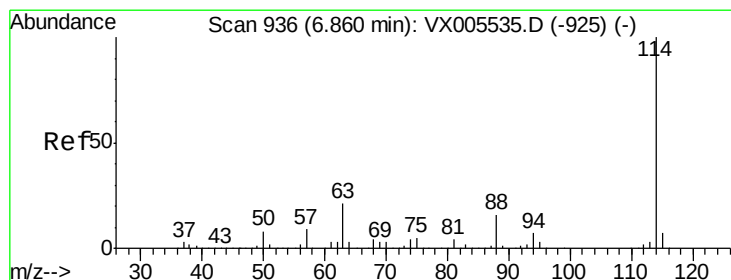
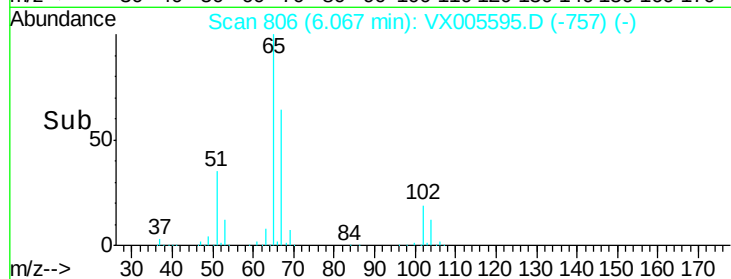
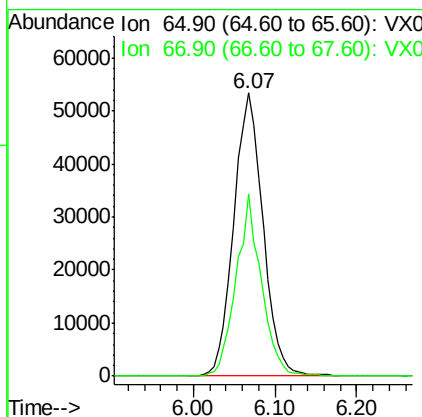
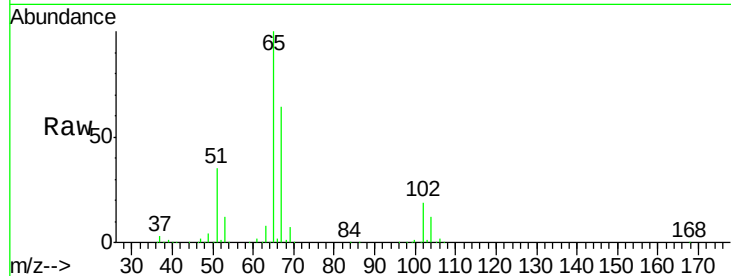




#33
 1,2-Dichloroethane-d4
 Concen: 53.096 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005595.D
 Acq: 25 Oct 2018 17:50

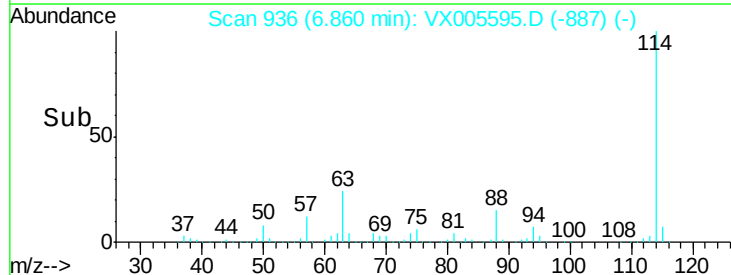
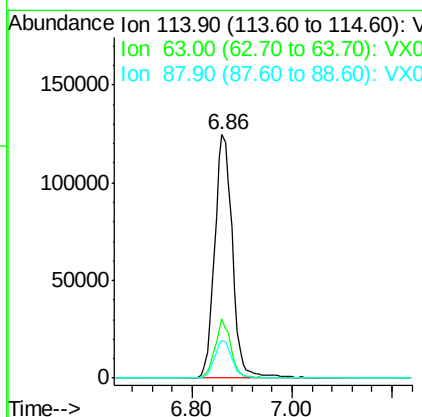
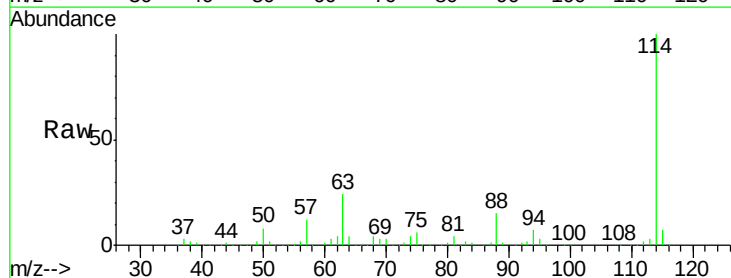
Instrument :
 MSVOA_X
 ClientSampled :
 TWP-04

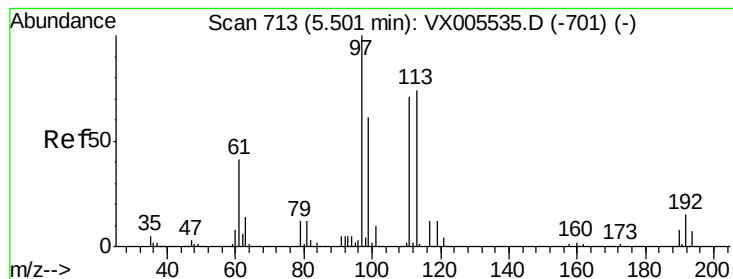
Tgt Ion: 65 Resp: 132630
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005595.D
 Acq: 25 Oct 2018 17:50

Tgt Ion: 114 Resp: 309449
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 42.8
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.899 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005595.D

Acq: 25 Oct 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

TWP-04

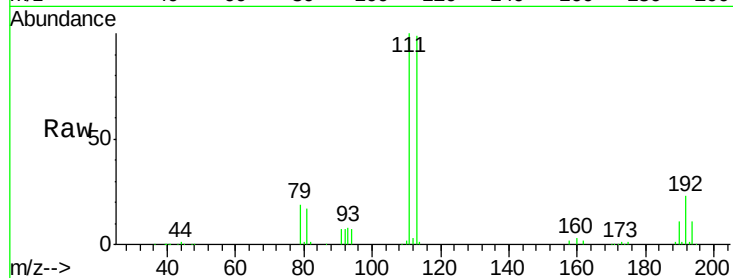
Tgt Ion:113 Resp: 102460

Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

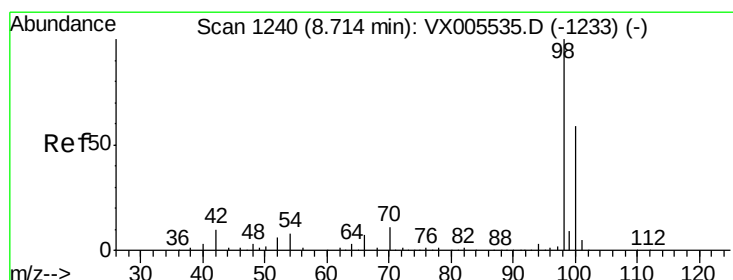
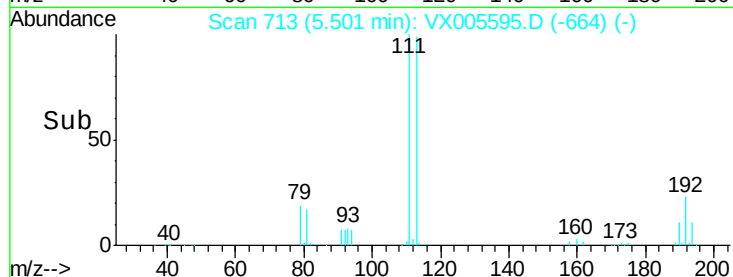
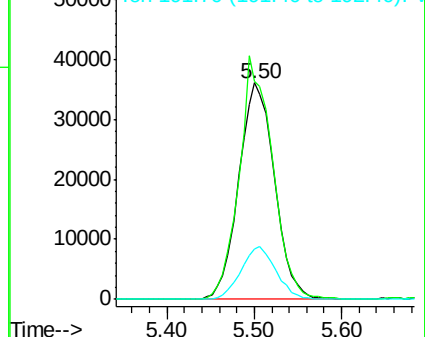
192 23.9 17.9 26.9



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: 49.254 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005595.D

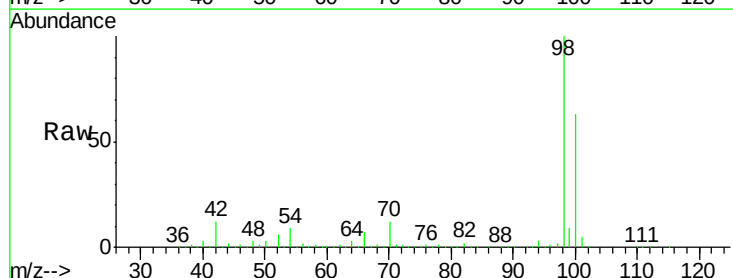
Acq: 25 Oct 2018 17:50

Tgt Ion: 98 Resp: 370831

Ion Ratio Lower Upper

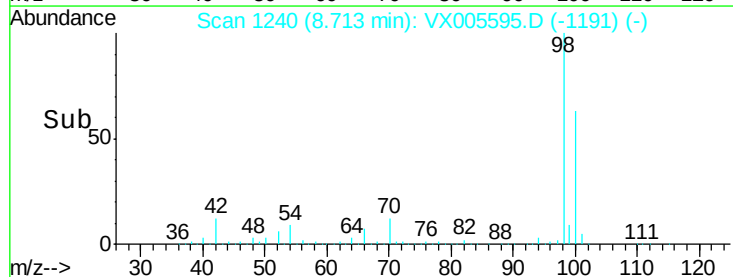
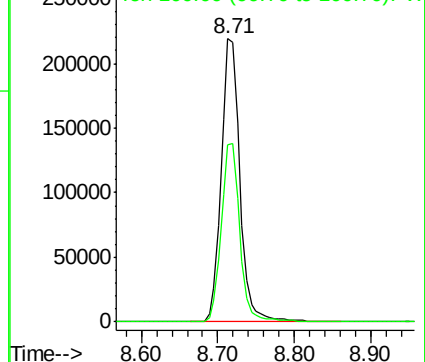
98 100

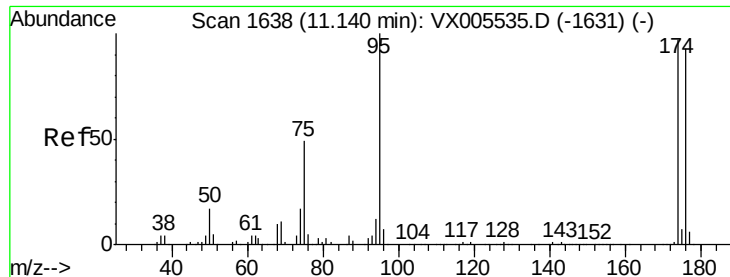
100 62.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.109 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005595.D

Acq: 25 Oct 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

TWP-04

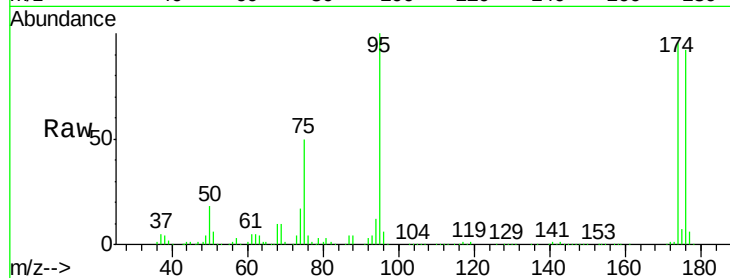
Tgt Ion: 95 Resp: 122572

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.4

176 89.5 0.0 177.4



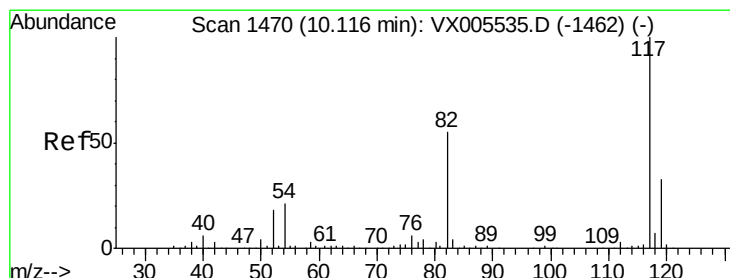
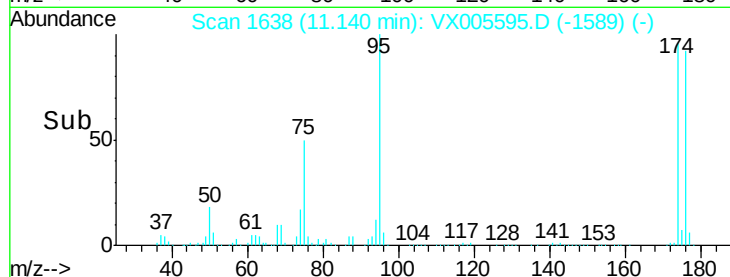
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005595.D

Acq: 25 Oct 2018 17:50

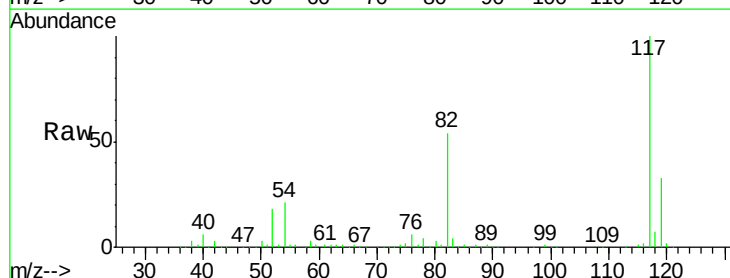
Tgt Ion: 117 Resp: 278915

Ion Ratio Lower Upper

117 100

82 54.5 44.1 66.1

119 32.8 26.2 39.2



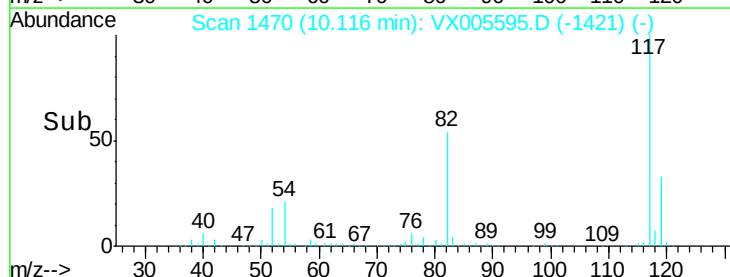
Abundance Ion 116.90 (116.60 to 117.60): V

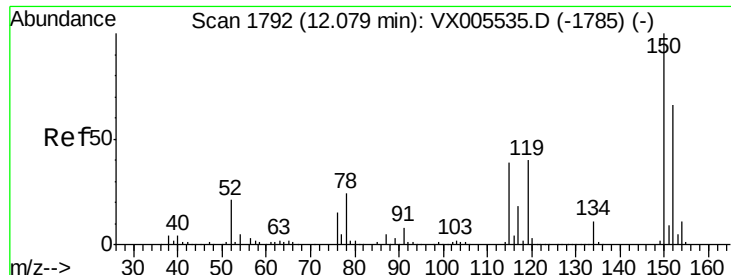
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.12

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005595.D

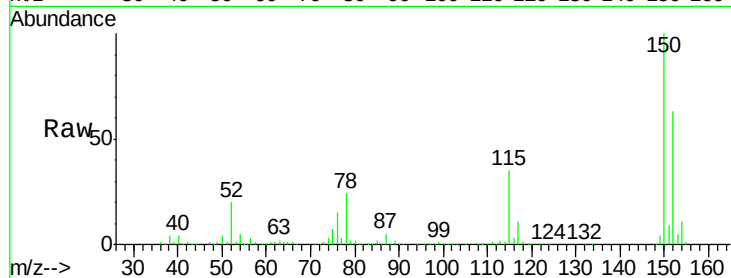
Acq: 25 Oct 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

TWP-04



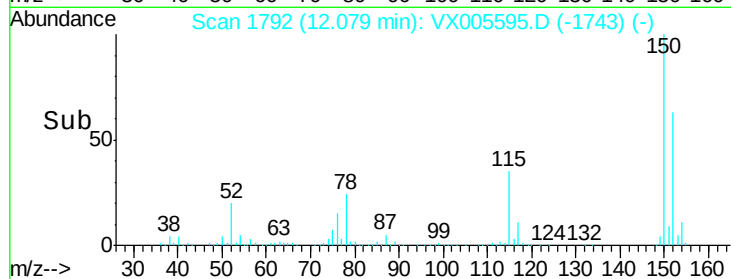
Tgt Ion:152 Resp: 131329

Ion Ratio Lower Upper

152 100

115 55.9 39.4 118.1

150 157.8 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

