

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005303.D
 Acq On : 12 Oct 2018 19:38
 Operator : JC/MD
 Sample : J5458-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-006-10-03-18

Quant Time: Oct 13 04:52:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159275	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	163598	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	5.50	113	126866	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
50) Toluene-d8	8.71	98	445999	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	143211	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	

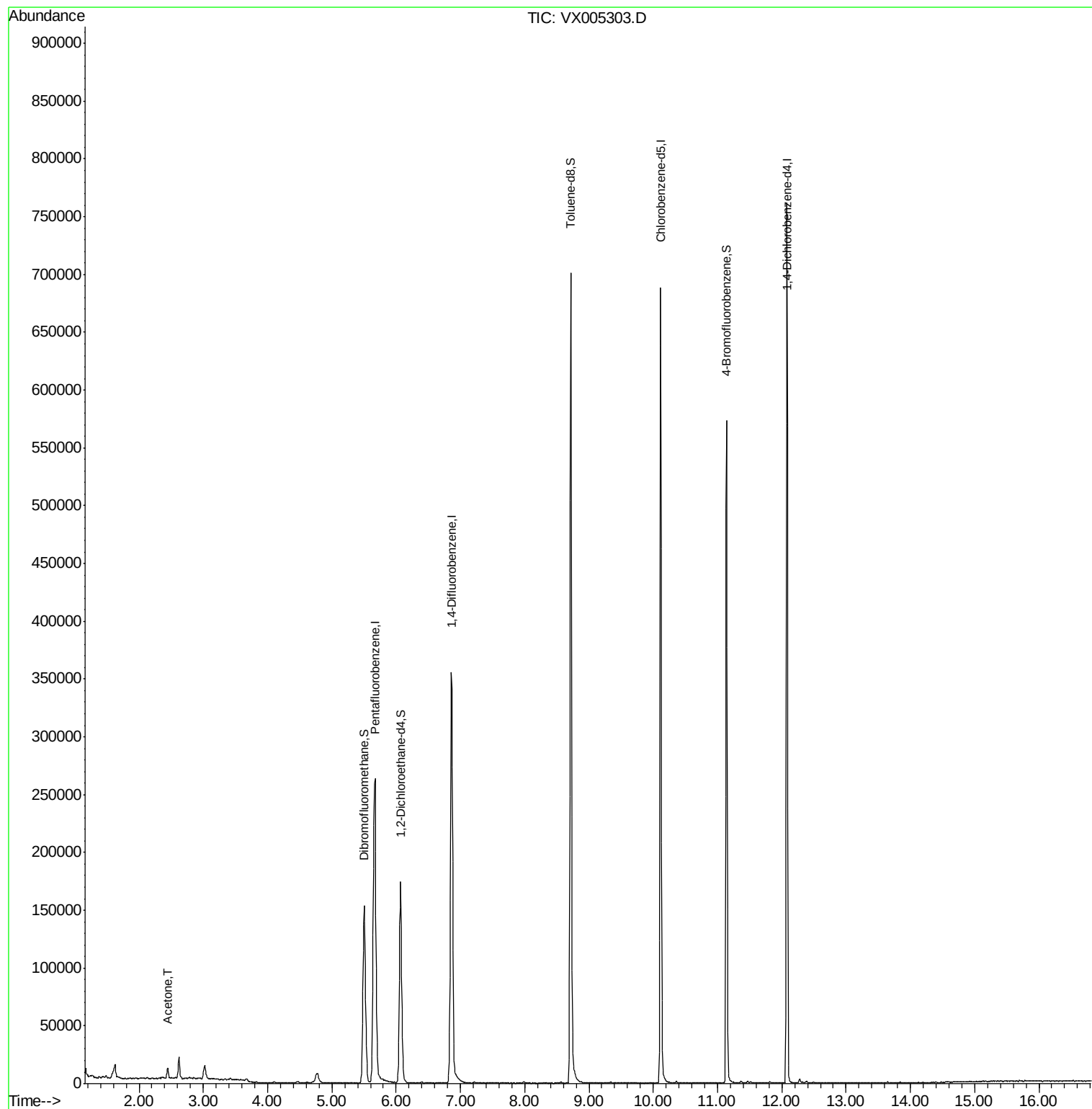
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9424	5.10	ug/l	97

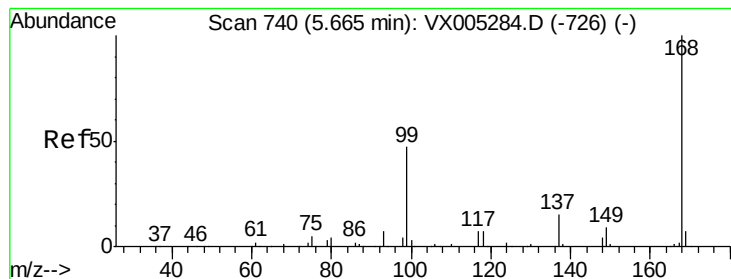
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005303.D

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MSVOA_X

ClientSampleId :

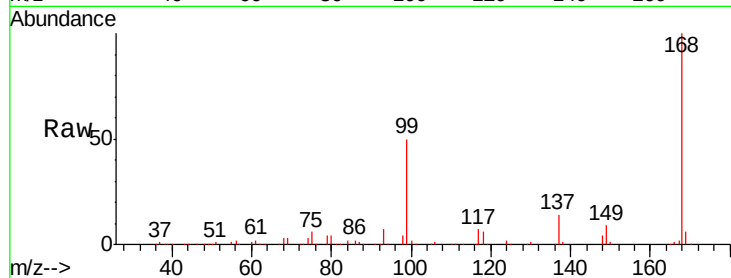
RAV-006-10-03-18

Tgt Ion:168 Resp: 287729

Ion Ratio Lower Upper

168 100

99 49.5 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

120000

100000

80000

60000

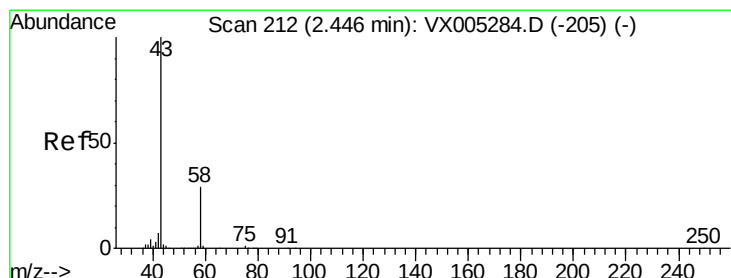
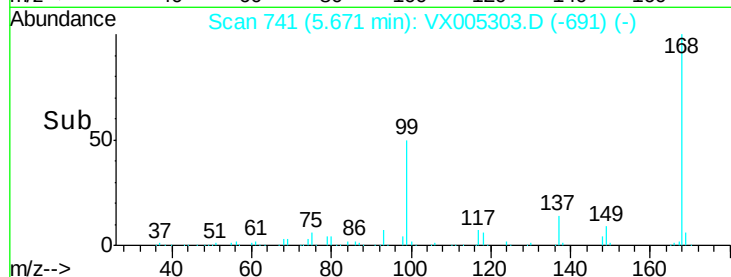
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 5.10 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005303.D

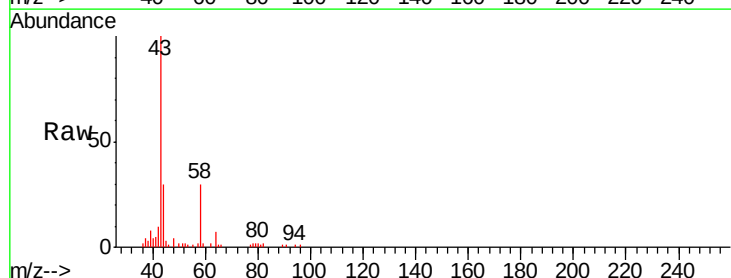
Acq: 12 Oct 2018 19:38

Tgt Ion: 43 Resp: 9424

Ion Ratio Lower Upper

43 100

58 31.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

3000

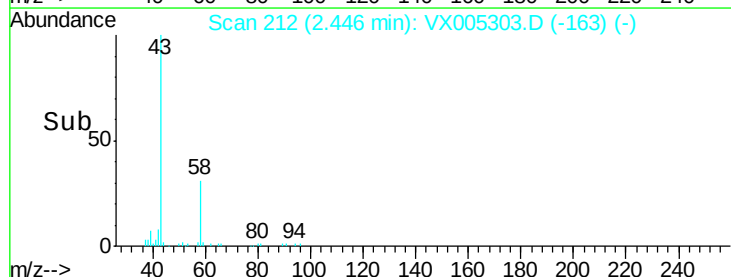
2000

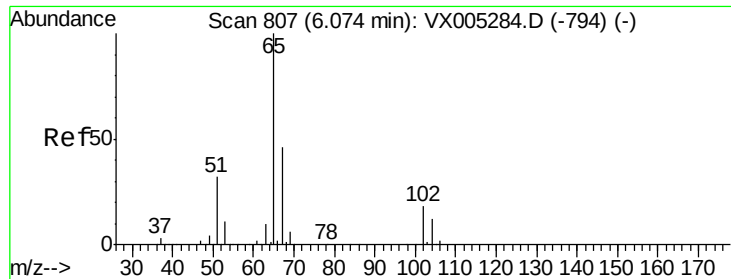
1000

0

Time-->

2.40 2.45 2.50

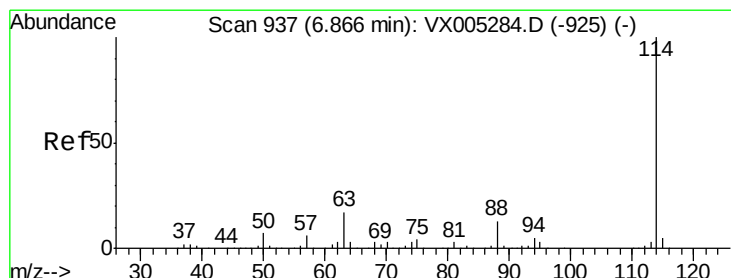
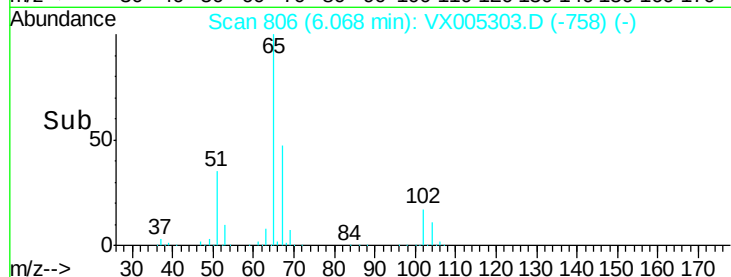
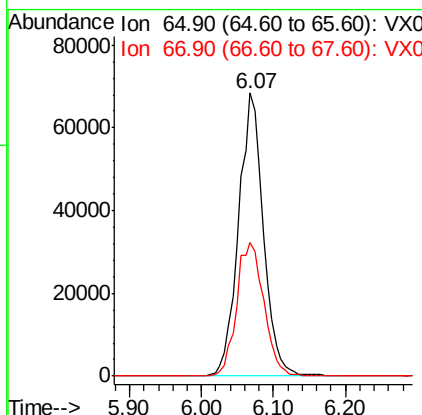
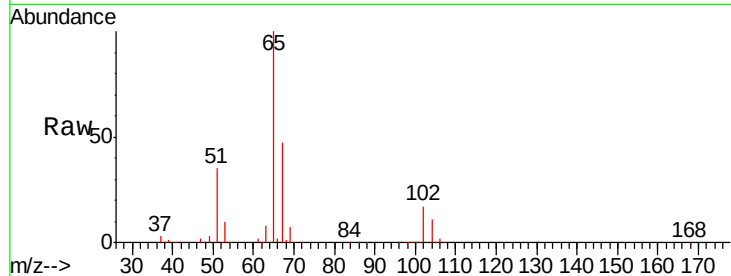




#33
 1,2-Dichloroethane-d4
 Concen: 51.23 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005303.D
 Acq: 12 Oct 2018 19:38

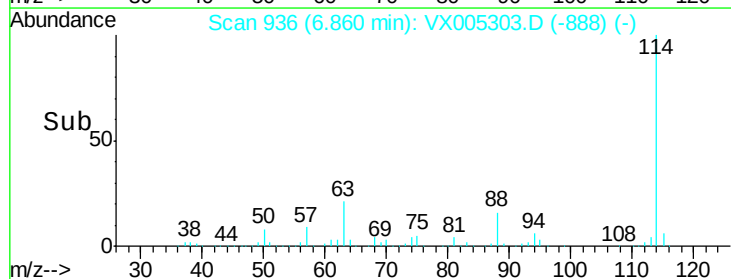
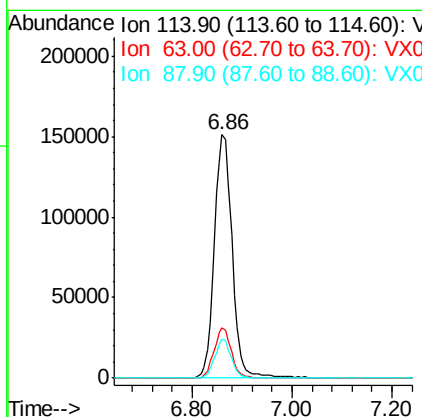
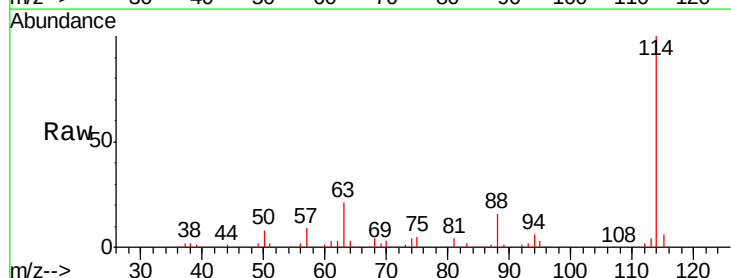
Instrument :
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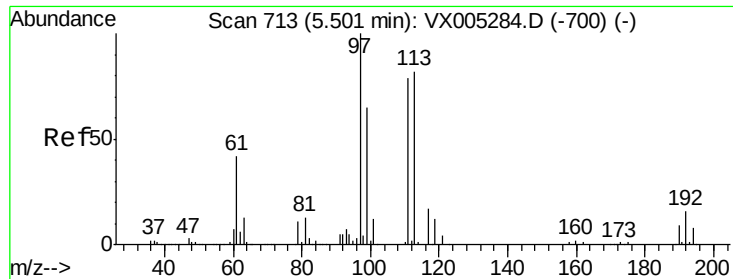
Tgt Ion: 65 Resp: 163598
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005303.D
 Acq: 12 Oct 2018 19:38

Tgt Ion: 114 Resp: 375418
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 16.0 0.0 30.4

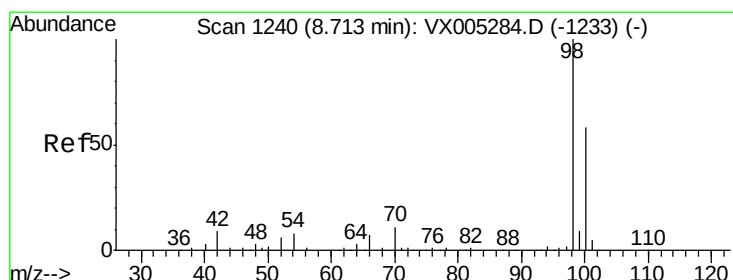
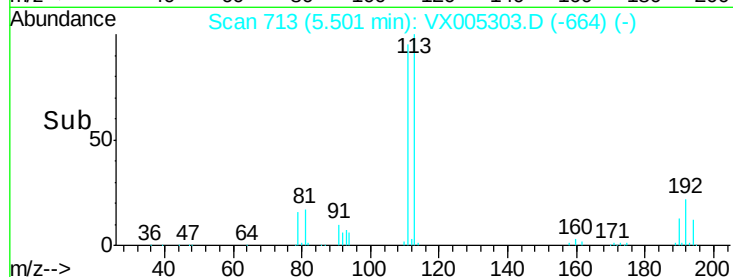
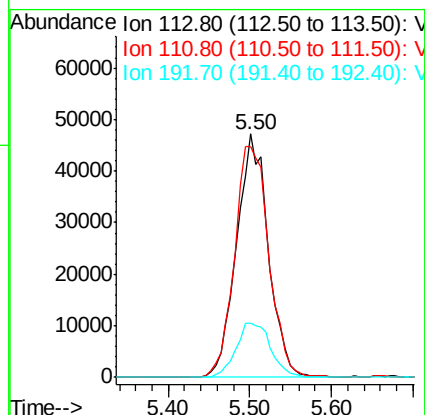
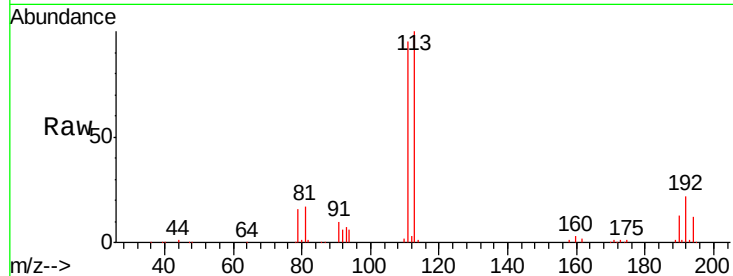




#35
 Dibromofluoromethane
 Concen: 51.02 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005303.D
 Acq: 12 Oct 2018 19:38

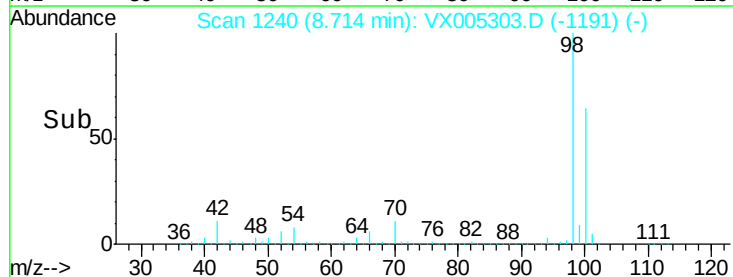
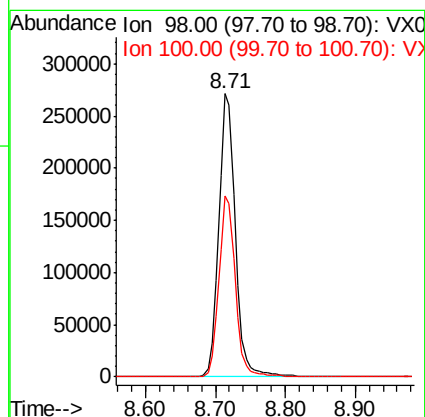
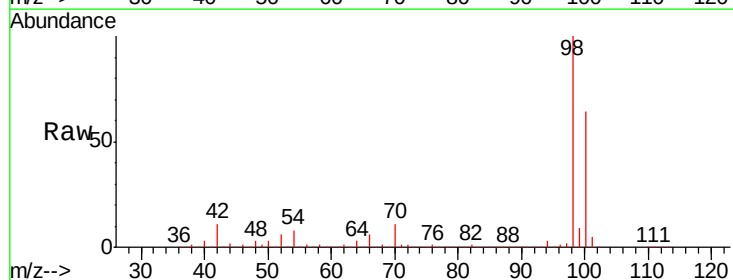
Instrument :
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 ClientSampleId :
 RAV-006-10-03-18

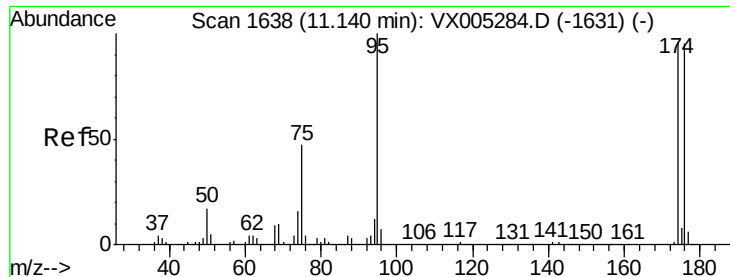
Tgt Ion: 113 Resp: 126866
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 24.4 19.4 29.2



#50
 Toluene-d8
 Concen: 52.25 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005303.D
 Acq: 12 Oct 2018 19:38

Tgt Ion: 98 Resp: 445999
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 44.66 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005303.D

Acq: 12 Oct 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

RAV-006-10-03-18

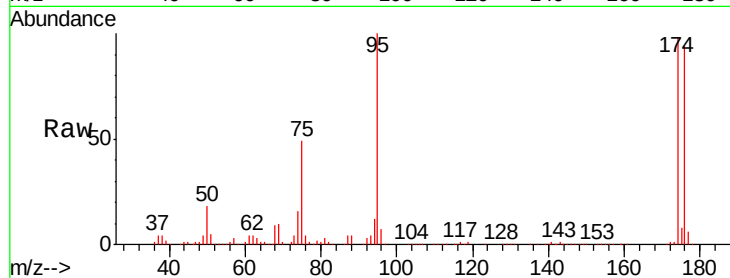
Tgt Ion: 95 Resp: 143211

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.2

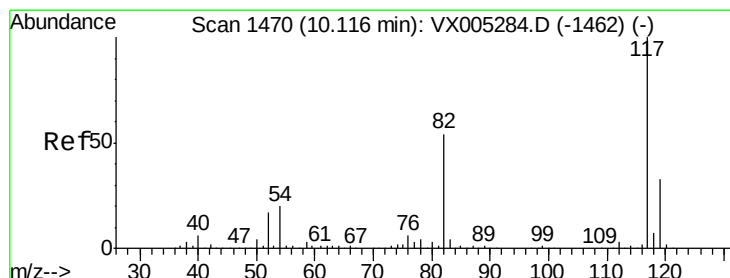
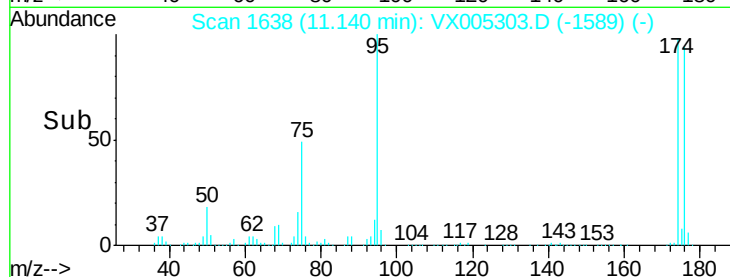
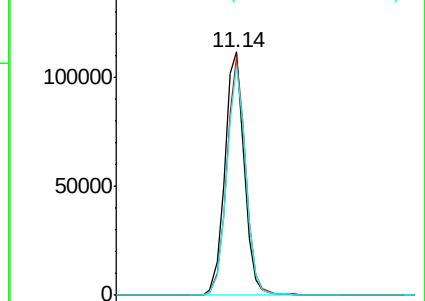
176 91.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005303.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005303.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005303.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005303.D

Acq: 12 Oct 2018 19:38

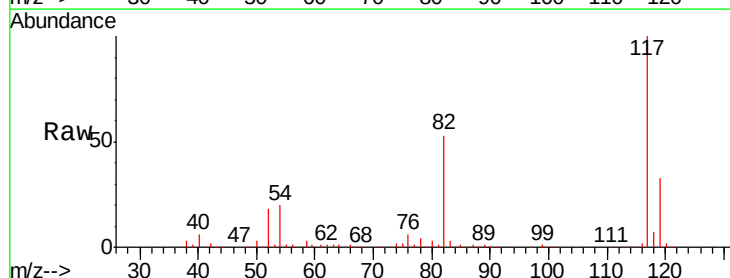
Tgt Ion: 117 Resp: 331593

Ion Ratio Lower Upper

117 100

82 53.4 47.8 71.6

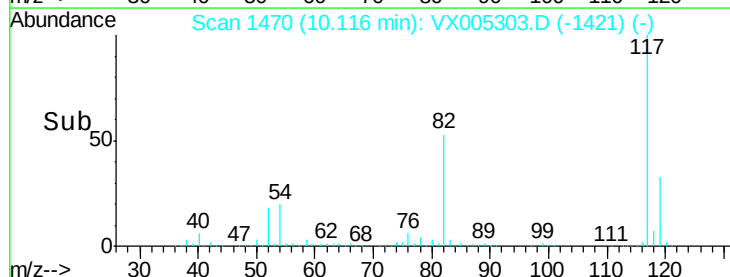
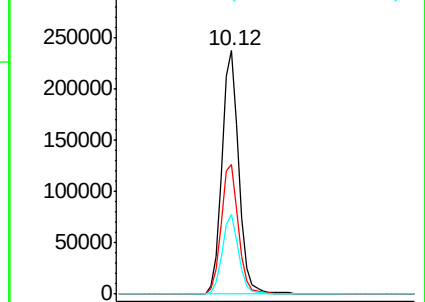
119 32.8 29.3 43.9

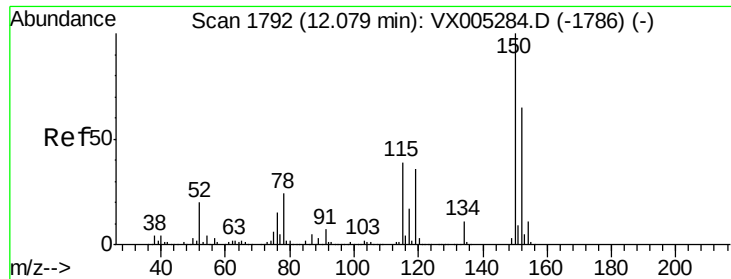


Abundance Ion 116.90 (116.60 to 117.60): VX005303.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005303.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005303.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005303.D

Acq: 12 Oct 2018 19:38

Instrument :

MSVOA_X

ClientSampleId :

RAV-006-10-03-18

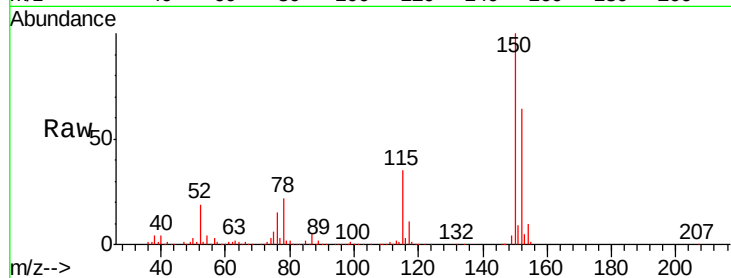
Tgt Ion:152 Resp: 159275

Ion Ratio Lower Upper

152 100

115 54.4 39.0 117.0

150 156.0 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

