

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005302.D
 Acq On : 12 Oct 2018 19:11
 Operator : JC/MD
 Sample : J5458-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-RAINEY-AFTER-10-03-18

Quant Time: Oct 15 11:49:38 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	5.66	168	288546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164479	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	167727	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
35) Dibromofluoromethane	5.50	113	132770	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	8.71	98	448862	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.14	95	145821	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	

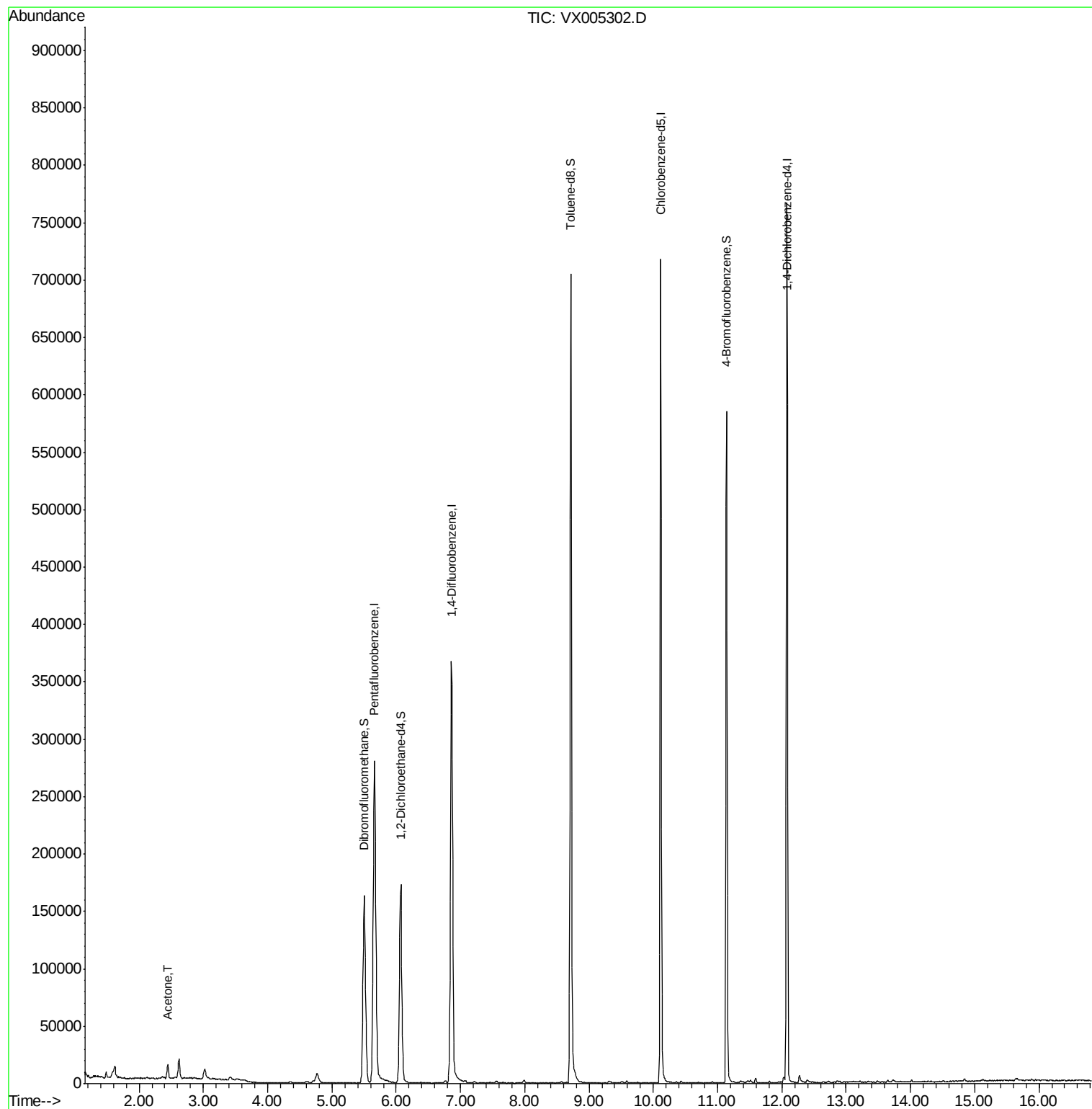
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13058	7.05	ug/l	95

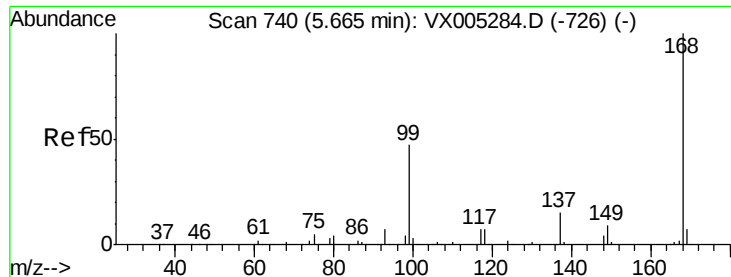
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005302.D

Acq: 12 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

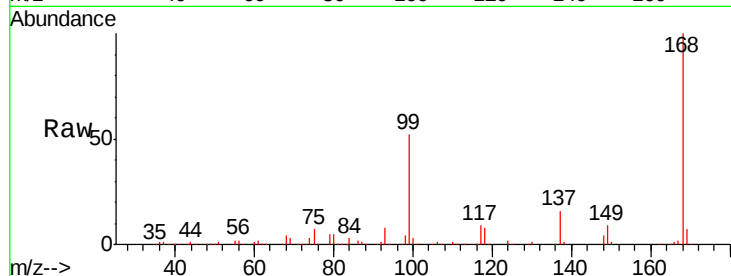
RAV-RAINEY-AFTER-10-03-18

Tgt Ion:168 Resp: 288546

Ion Ratio Lower Upper

168 100

99 52.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

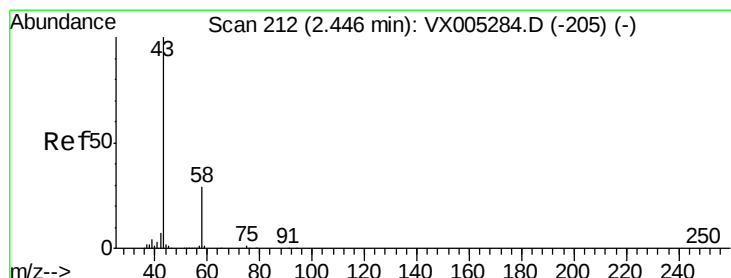
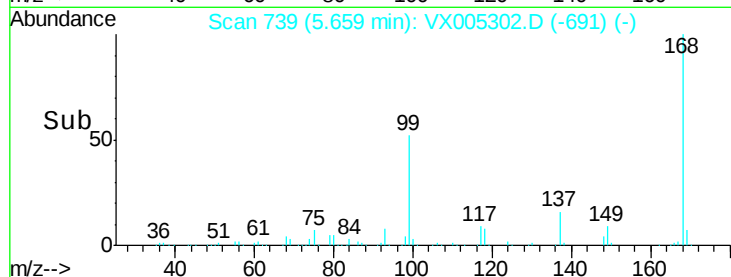
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.05 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005302.D

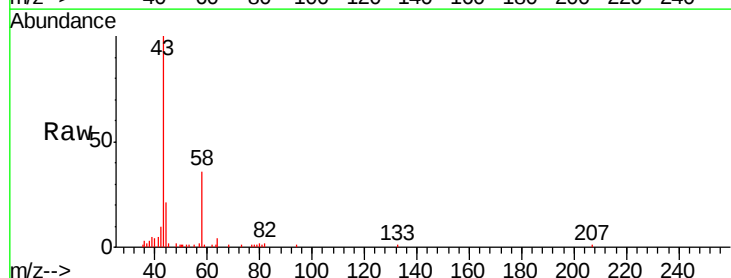
Acq: 12 Oct 2018 19:11

Tgt Ion: 43 Resp: 13058

Ion Ratio Lower Upper

43 100

58 35.9 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

8000

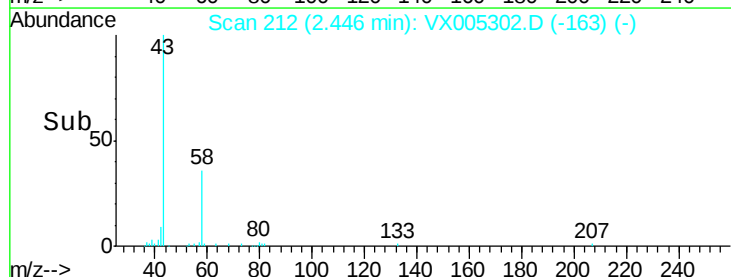
6000

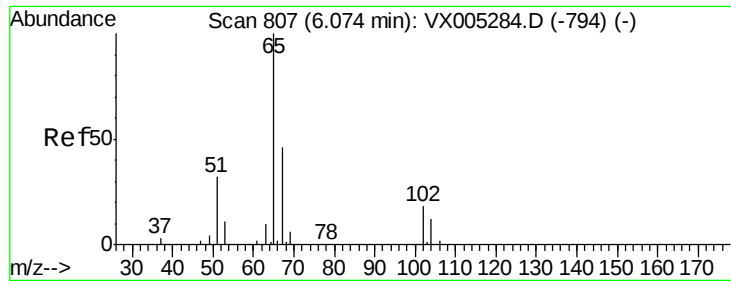
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 52.38 ug/l

RT: 6.07 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX005302.D

Acq: 12 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

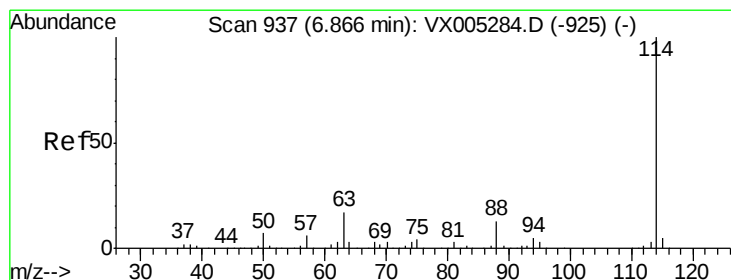
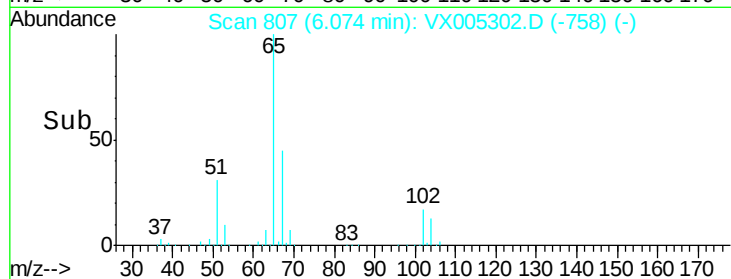
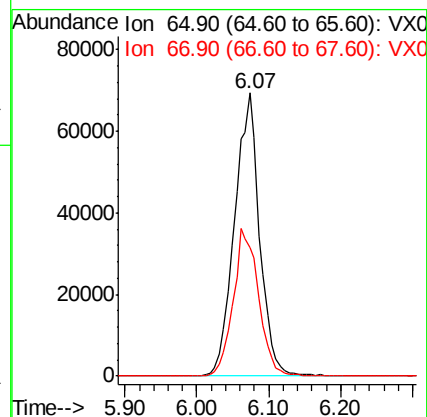
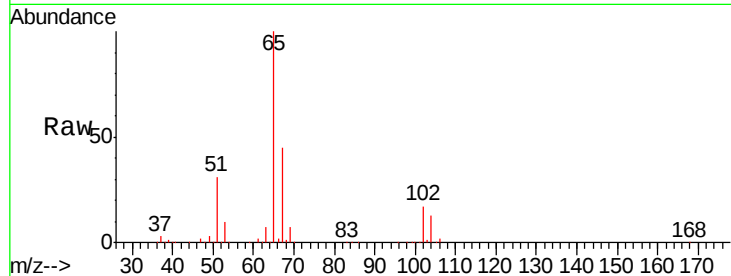
RAV-RAINEY-AFTER-10-03-18

Tgt Ion: 65 Resp: 167727

Ion Ratio Lower Upper

65 100

67 53.1 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: VX005302.D

Acq: 12 Oct 2018 19:11

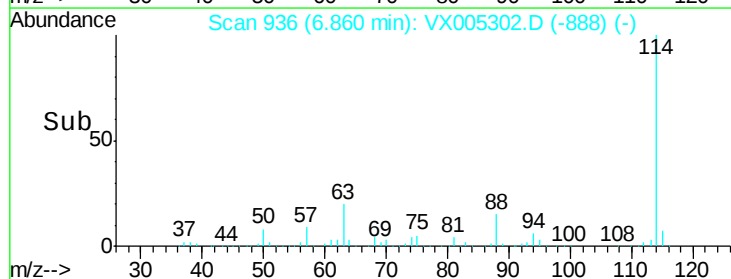
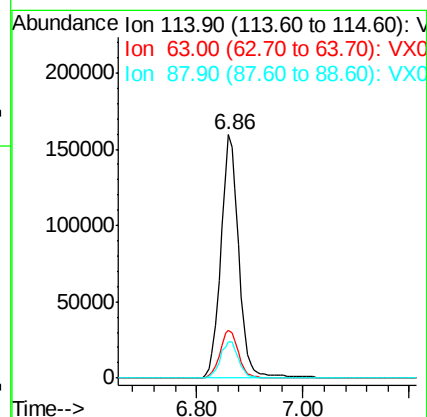
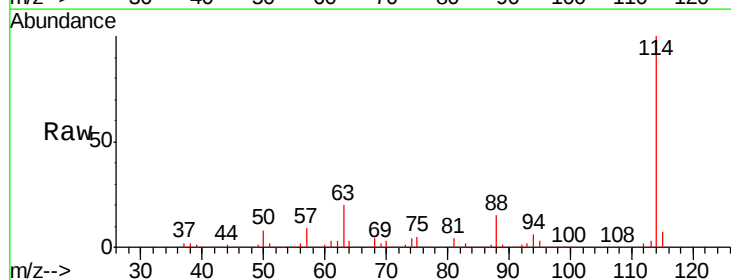
Tgt Ion: 114 Resp: 375029

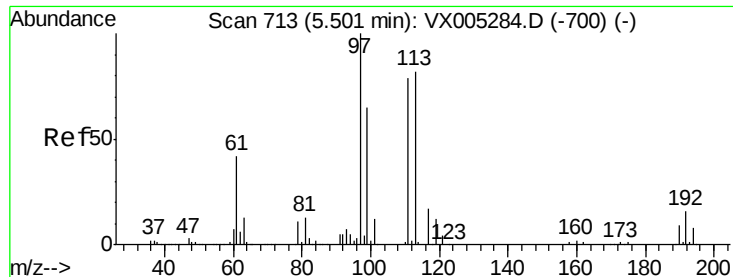
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

88 14.7 0.0 30.4

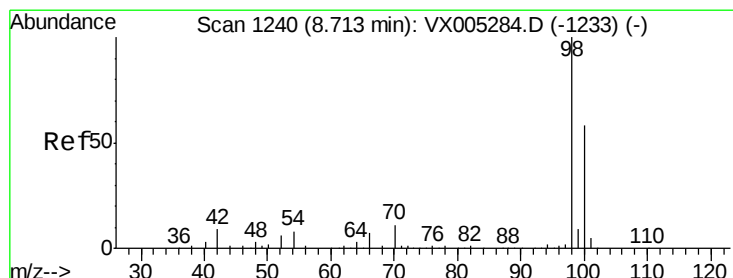
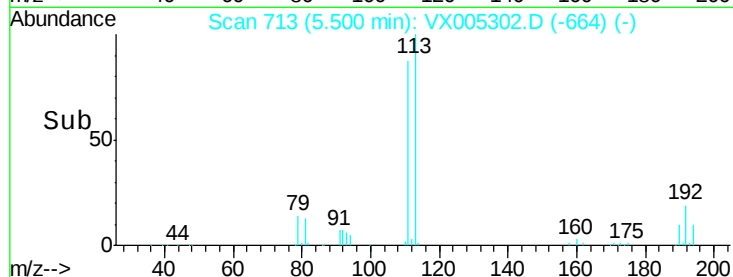
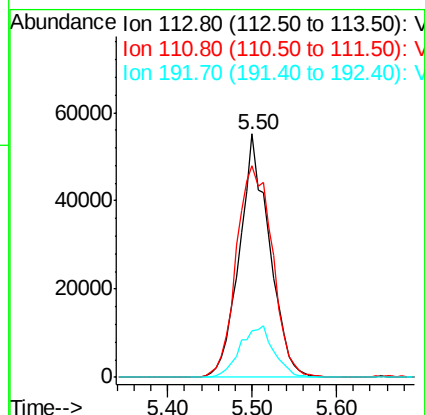
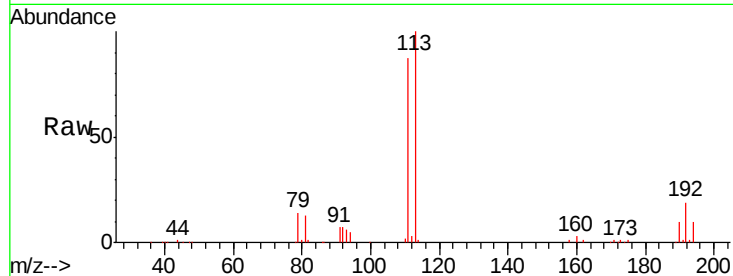




#35
 Dibromofluoromethane
 Concen: 53.45 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005302.D
 Acq: 12 Oct 2018 19:11

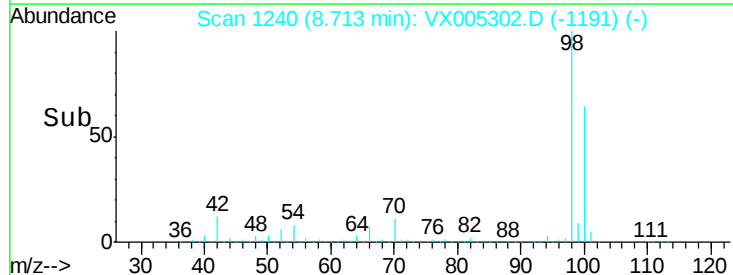
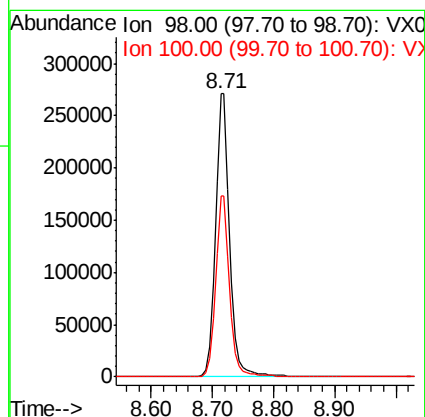
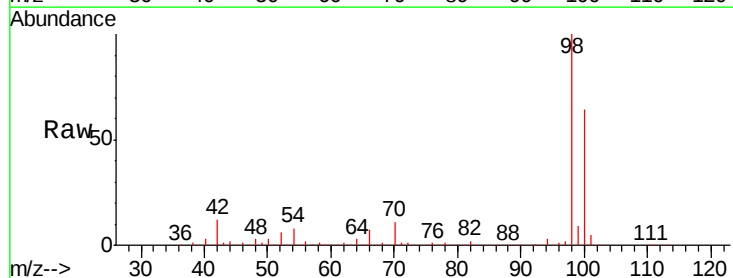
Instrument :
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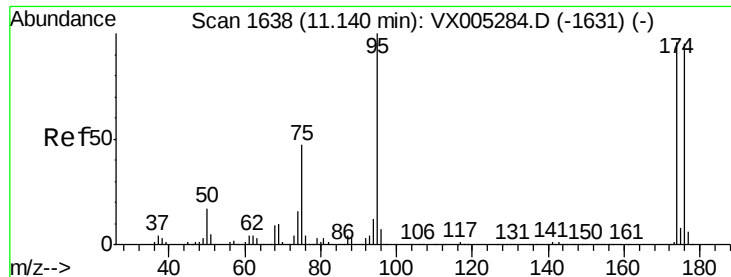
Tgt Ion:113 Resp: 132770
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.4 123.6
 192 23.9 19.4 29.2



#50
 Toluene-d8
 Concen: 52.64 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005302.D
 Acq: 12 Oct 2018 19:11

Tgt Ion: 98 Resp: 448862
 Ion Ratio Lower Upper
 98 100
 100 63.6 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 45.52 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005302.D

Acq: 12 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

RAV-RAINEY-AFTER-10-03-18

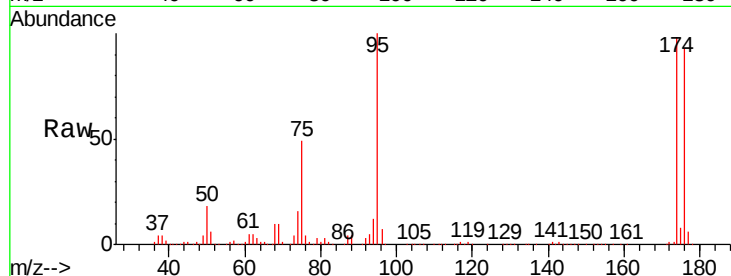
Tgt Ion: 95 Resp: 145821

Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.2

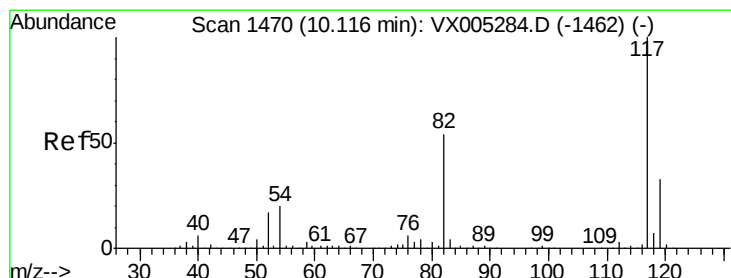
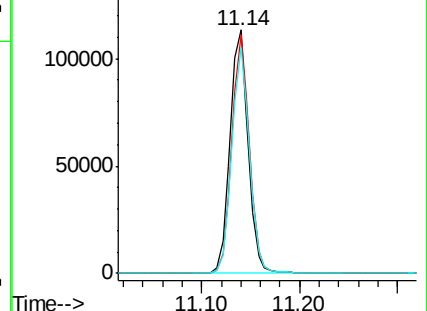
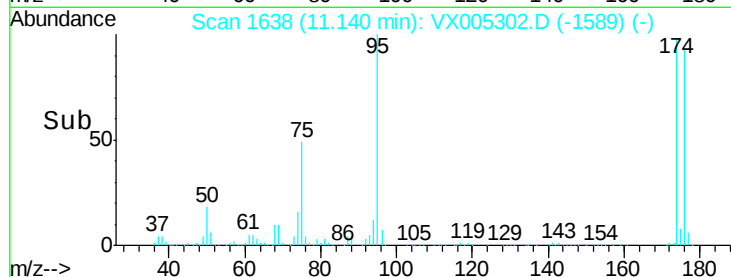
176 90.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005302.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005302.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005302.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005302.D

Acq: 12 Oct 2018 19:11

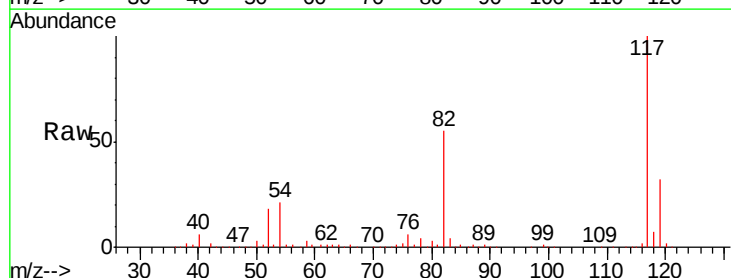
Tgt Ion: 117 Resp: 334128

Ion Ratio Lower Upper

117 100

82 54.9 47.8 71.6

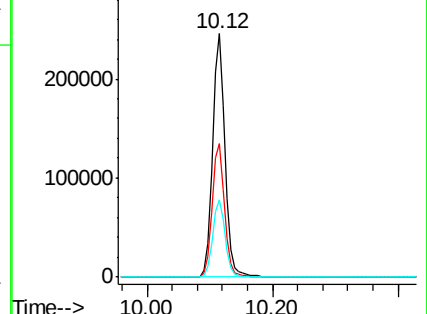
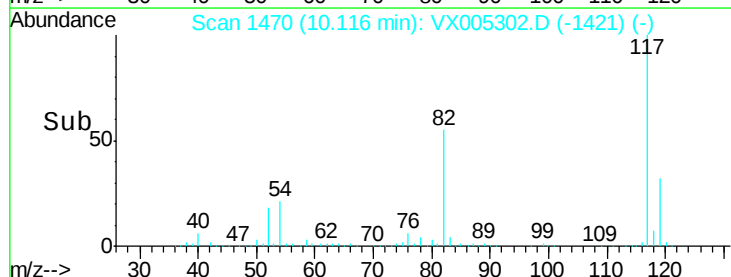
119 31.6 29.3 43.9

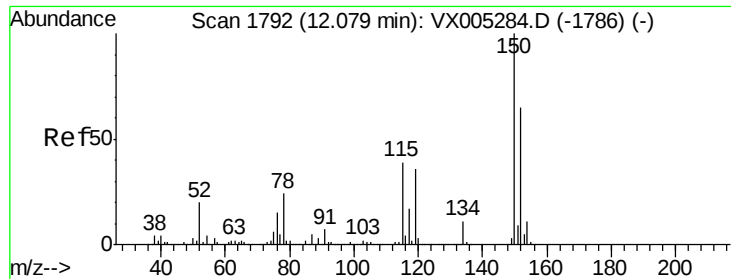


Abundance Ion 116.90 (116.60 to 117.60): VX005302.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005302.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005302.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: VX005302.D

Acq: 12 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

RAV-RAINEY-AFTER-10-03-18

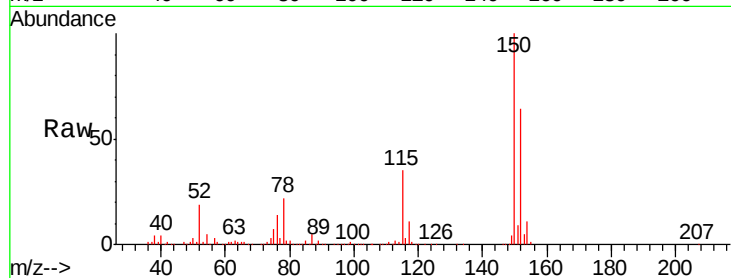
Tgt Ion:152 Resp: 164479

Ion Ratio Lower Upper

152 100

115 54.4 39.0 117.0

150 155.5 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

