

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005301.D
 Acq On : 12 Oct 2018 18:45
 Operator : JC/MD
 Sample : J5458-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 15 11:49:13 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	283434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159637	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	169942	54.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.04%	
35) Dibromofluoromethane	5.51	113	129238	49.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	442449	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	143873	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	

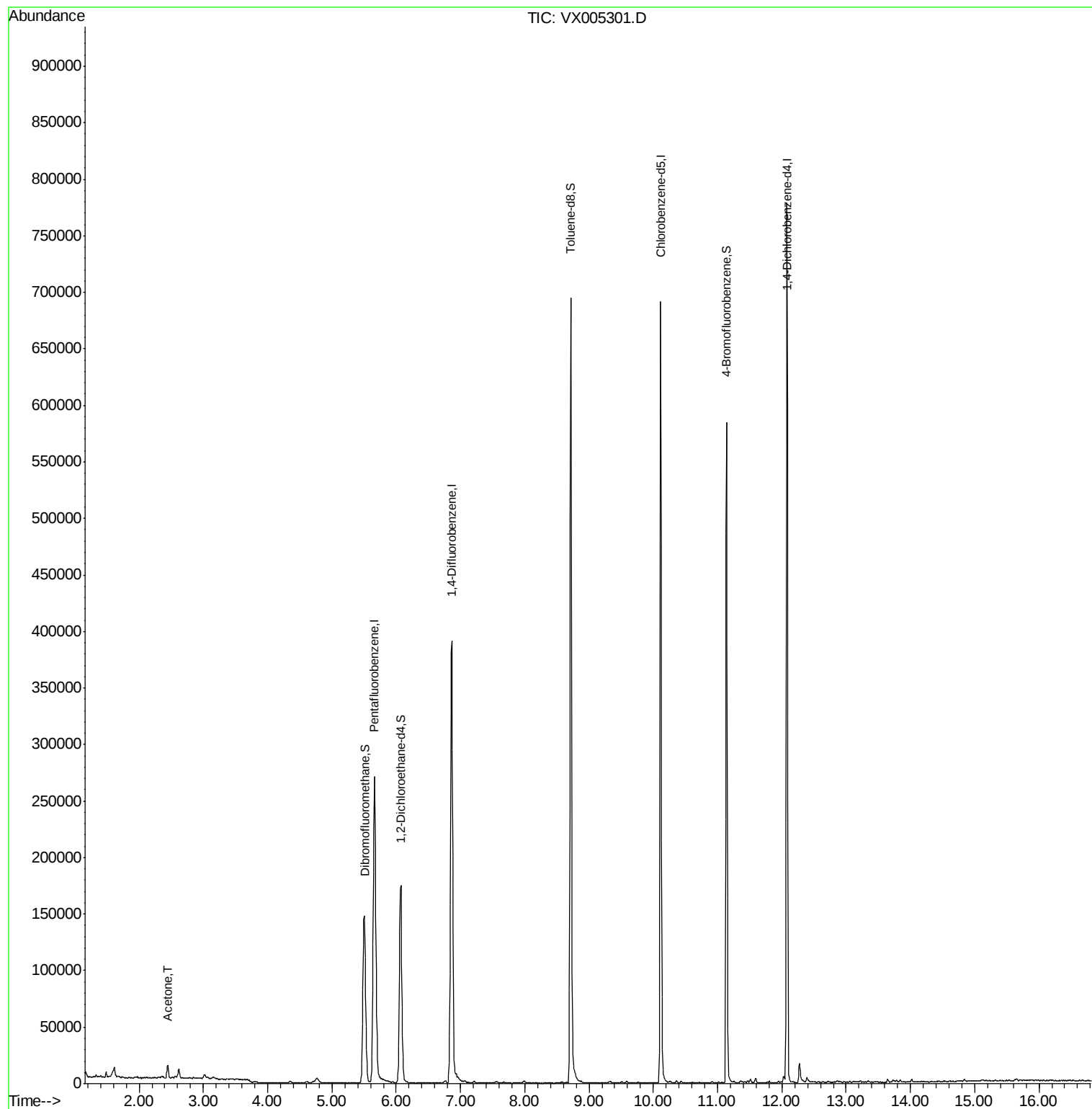
Target Compounds						Qvalue
16) Acetone	2.45	43	12535	6.89	ug/l	95

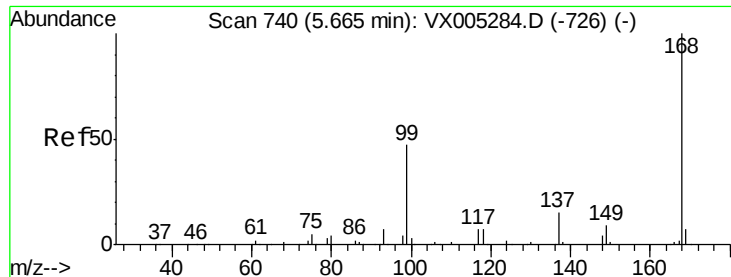
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005301.D

Acq: 12 Oct 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

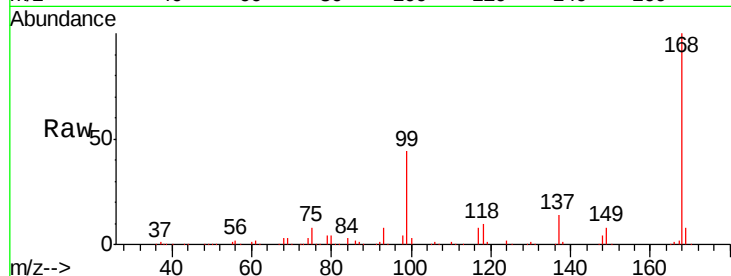
RAV-RAINEY-BEFORE-10-03-18

Tgt Ion:168 Resp: 283434

Ion Ratio Lower Upper

168 100

99 44.4 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

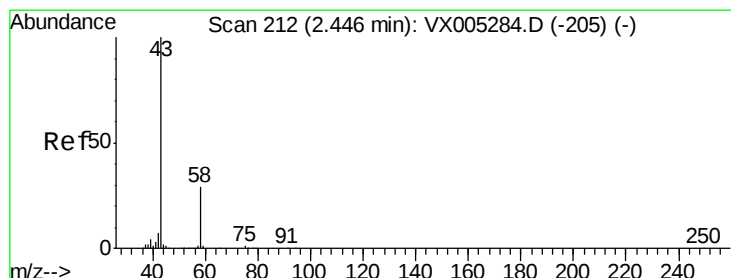
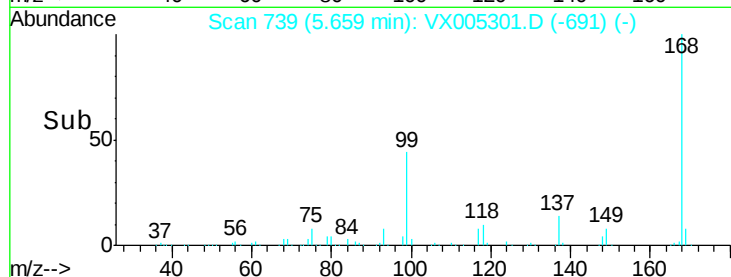
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.89 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005301.D

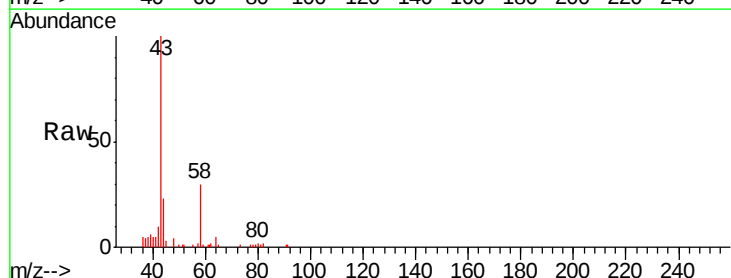
Acq: 12 Oct 2018 18:45

Tgt Ion: 43 Resp: 12535

Ion Ratio Lower Upper

43 100

58 30.0 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

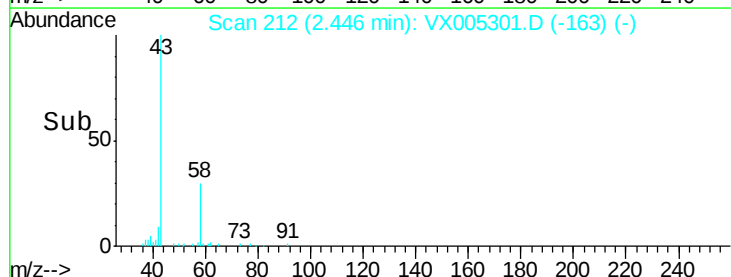
6000

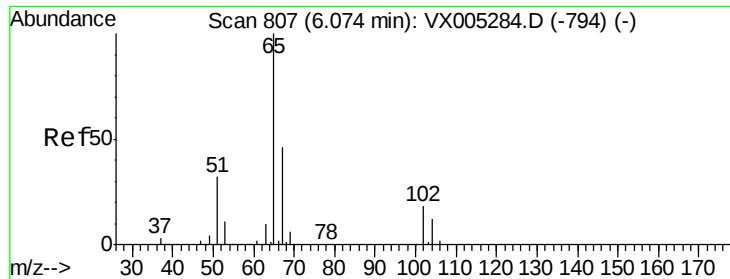
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 54.02 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005301.D

Acq: 12 Oct 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

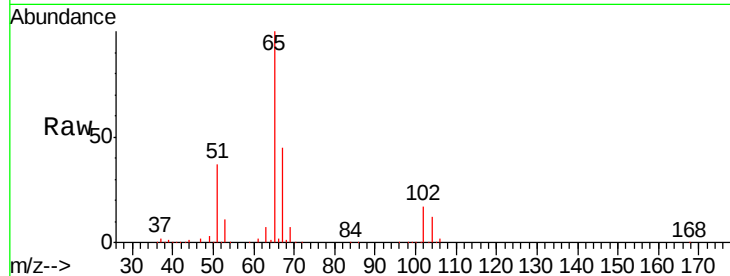
RAV-RAINEY-BEFORE-10-03-18

Tgt Ion: 65 Resp: 169942

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX005284.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX005284.D (-794) (-)

6.06

80000

60000

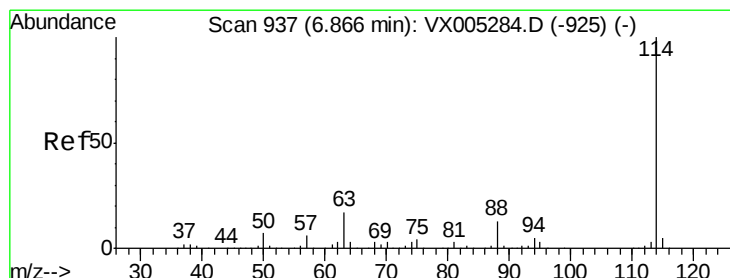
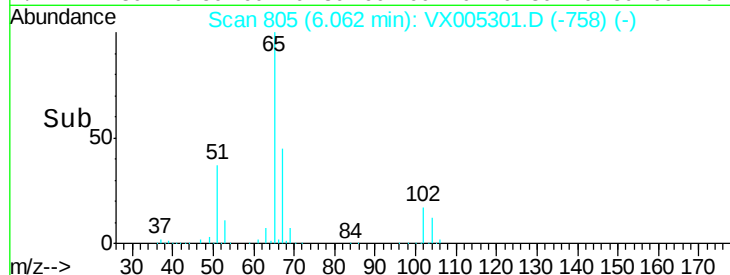
40000

20000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.00 min

Lab File: VX005301.D

Acq: 12 Oct 2018 18:45

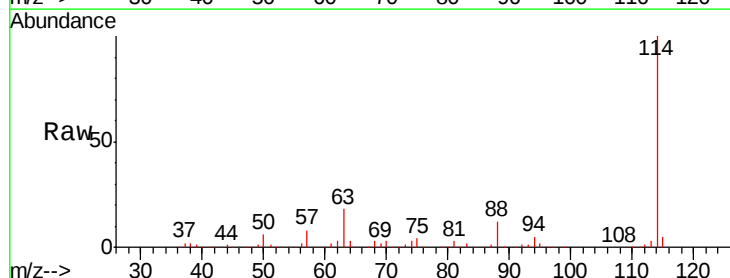
Tgt Ion: 114 Resp: 393349

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.0

88 12.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VX005284.D (-925) (-)

Ion 63.00 (62.70 to 63.70): VX005284.D (-925) (-)

Ion 87.90 (87.60 to 88.60): VX005284.D (-925) (-)

6.87

250000

200000

150000

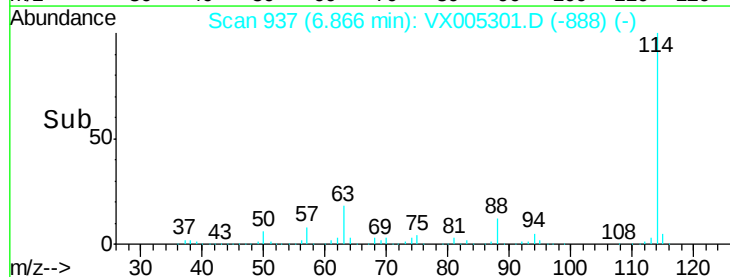
100000

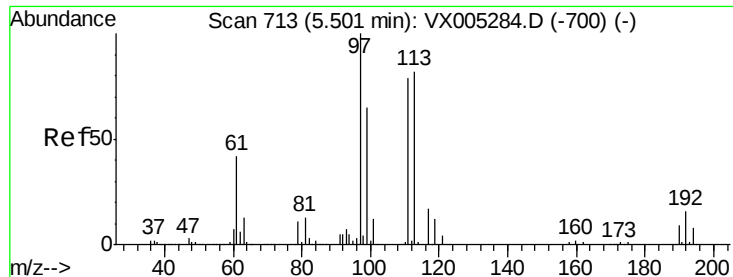
50000

0

6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.61 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005301.D

Acq: 12 Oct 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

RAV-RAINEY-BEFORE-10-03-18

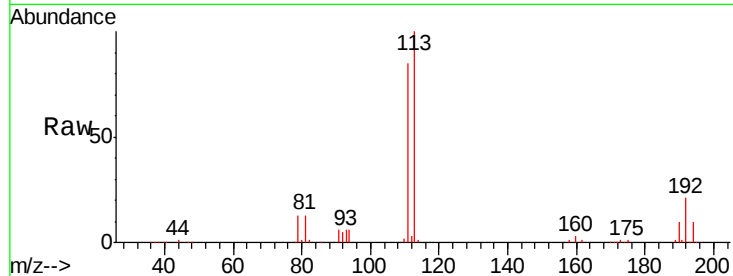
Tgt Ion:113 Resp: 129238

Ion Ratio Lower Upper

113 100

111 107.9 82.4 123.6

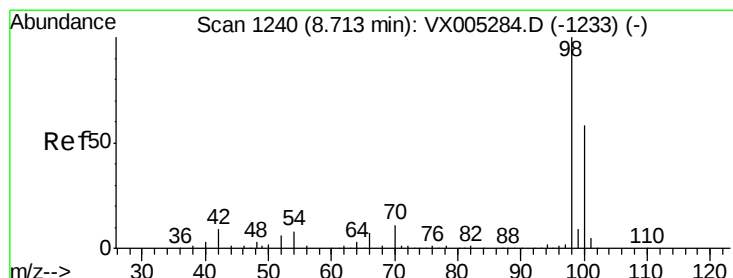
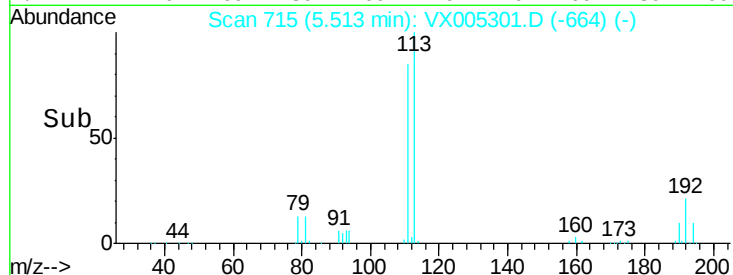
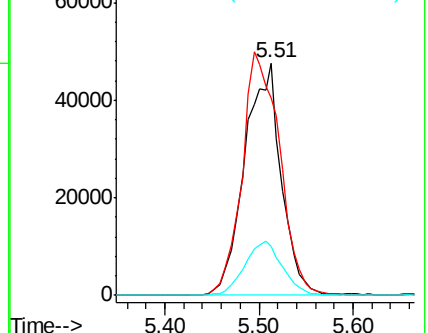
192 24.0 19.4 29.2



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: 49.47 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005301.D

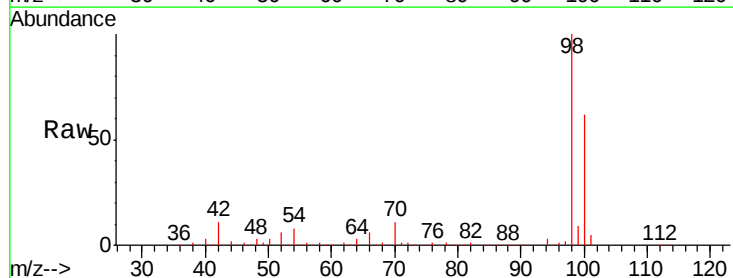
Acq: 12 Oct 2018 18:45

Tgt Ion: 98 Resp: 442449

Ion Ratio Lower Upper

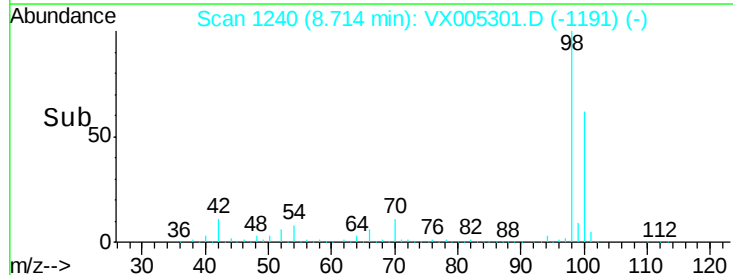
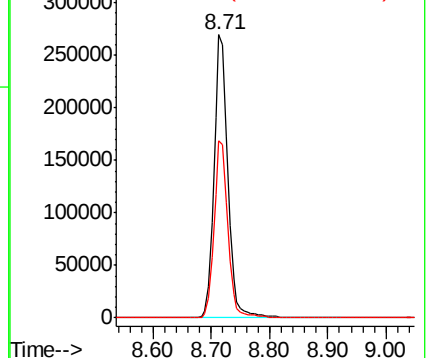
98 100

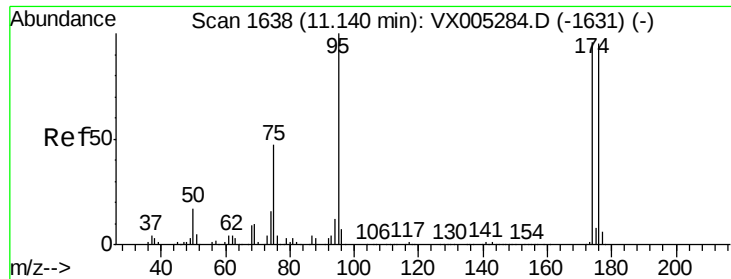
100 62.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.82 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005301.D

Acq: 12 Oct 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

RAV-RAINEY-BEFORE-10-03-18

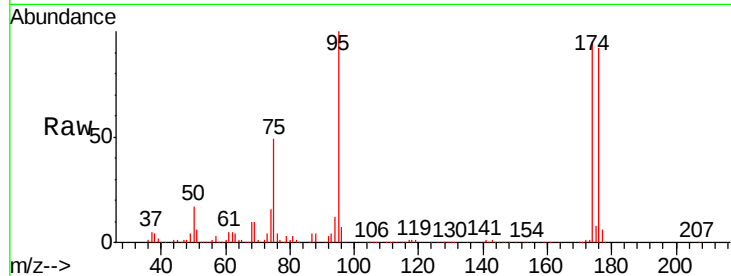
Tgt Ion: 95 Resp: 143873

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.2

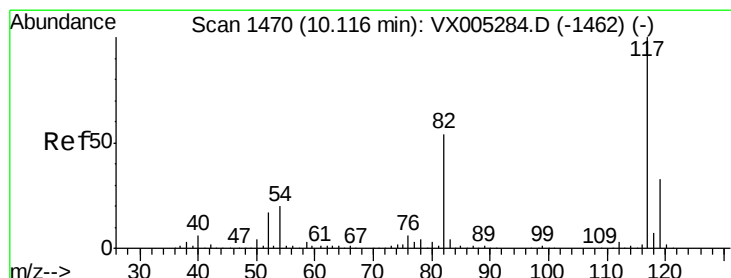
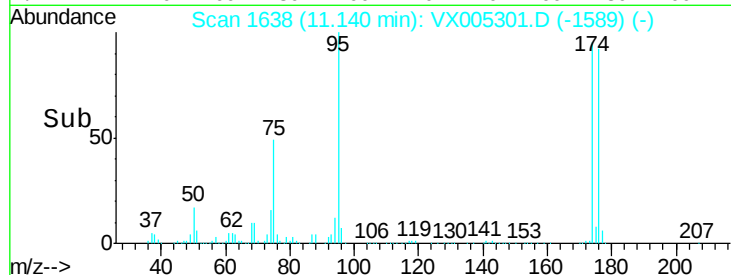
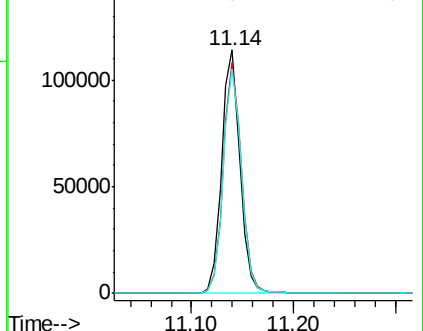
176 91.2 0.0 178.6



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005301.D

Acq: 12 Oct 2018 18:45

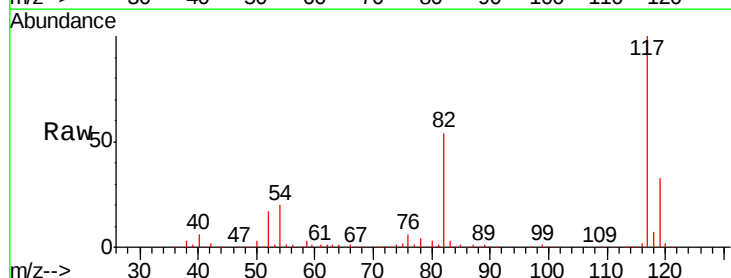
Tgt Ion: 117 Resp: 330046

Ion Ratio Lower Upper

117 100

82 53.7 47.8 71.6

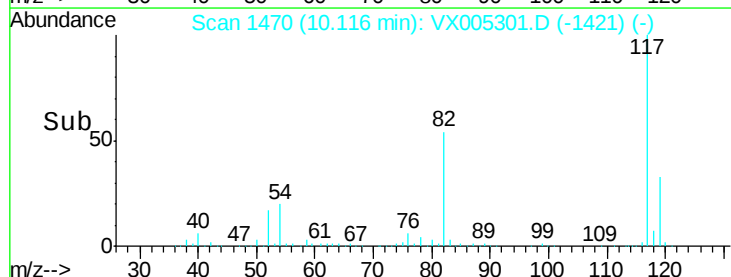
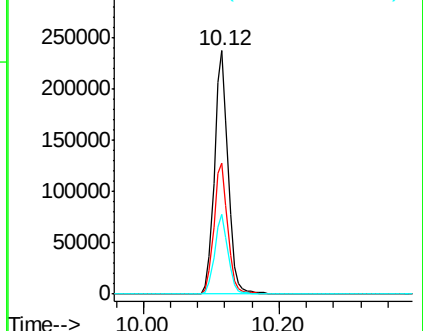
119 32.8 29.3 43.9

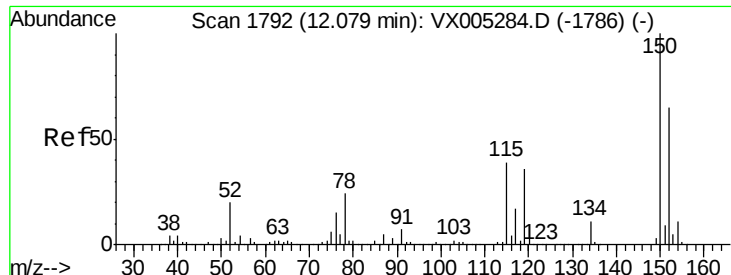


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

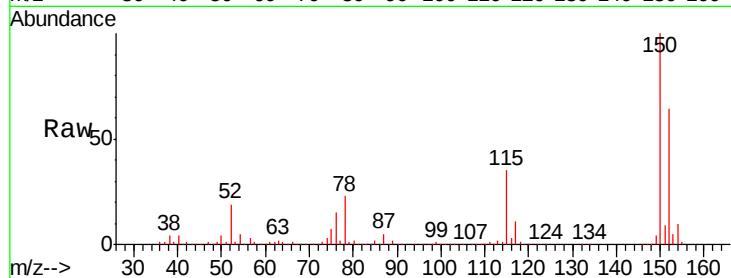




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005301.D
 Acq: 12 Oct 2018 18:45

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

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	117.0
150	157.9	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

