

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005410.D
 Acq On : 18 Oct 2018 00:41
 Operator : JC/MD
 Sample : J5569-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-5

Quant Time: Oct 19 02:29:17 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	277879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174191	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	157596	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	5.50	113	127978	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	480795	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.14	95	159214	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	

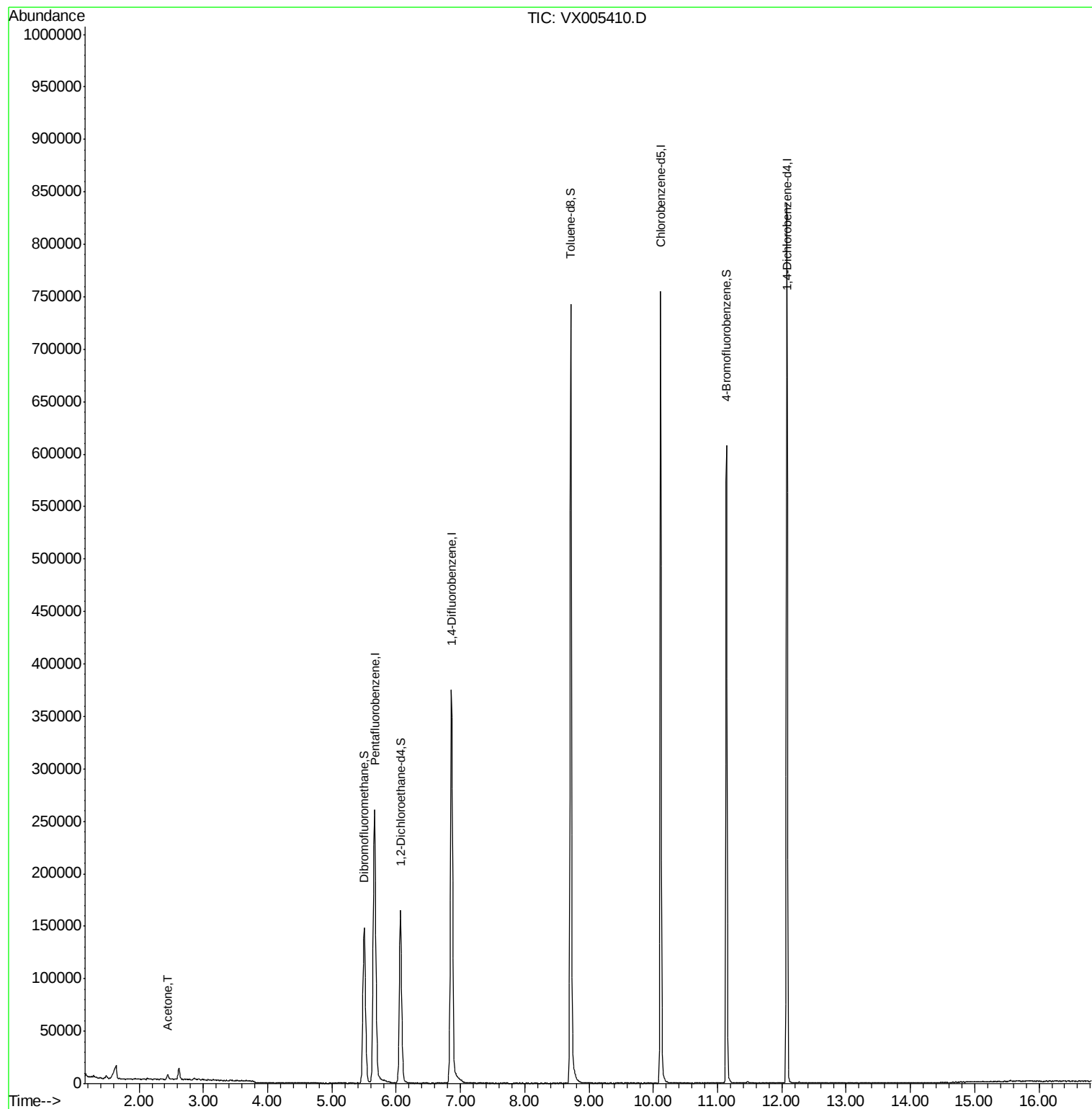
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5582	3.13	ug/l	97

(#) = 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# 740

Delta R.T. -0.00 min

Lab File: VX005410.D

Acq: 18 Oct 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

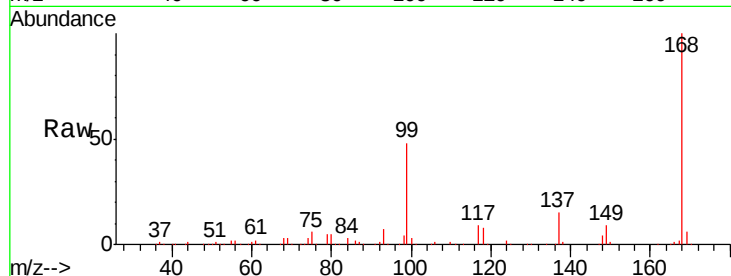
RLF-SW-5

Tgt Ion:168 Resp: 277879

Ion Ratio Lower Upper

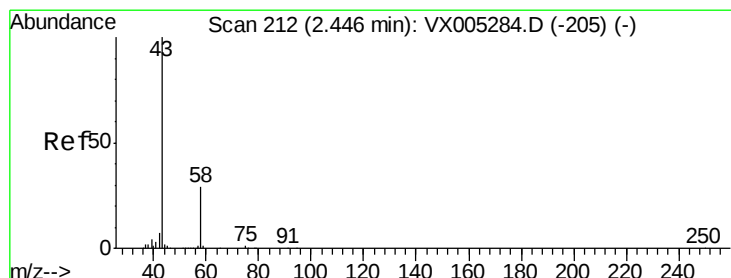
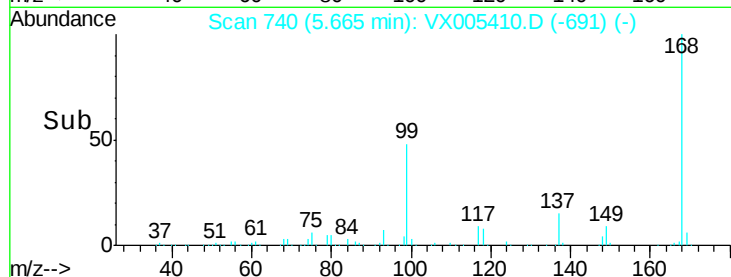
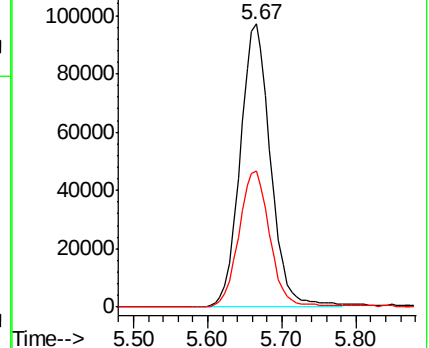
168 100

99 48.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.13 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005410.D

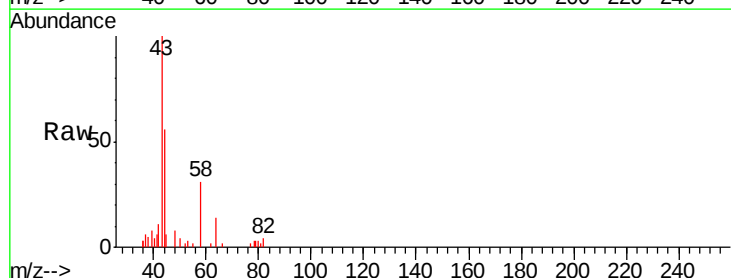
Acq: 18 Oct 2018 00:41

Tgt Ion: 43 Resp: 5582

Ion Ratio Lower Upper

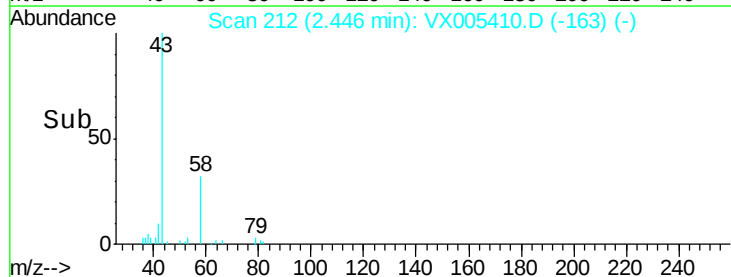
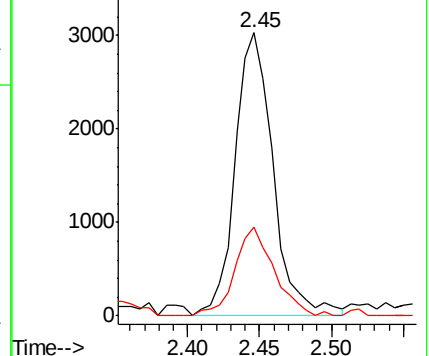
43 100

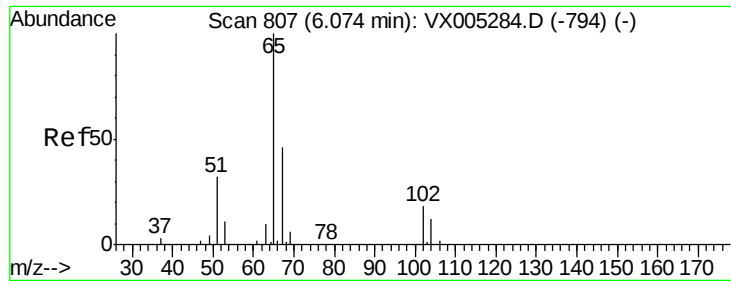
58 31.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.10 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005410.D

Acq: 18 Oct 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

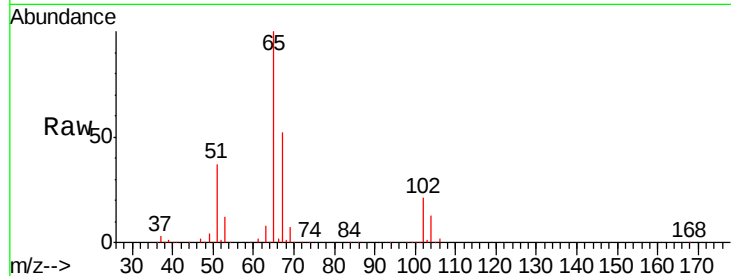
RLF-SW-5

Tgt Ion: 65 Resp: 157596

Ion Ratio Lower Upper

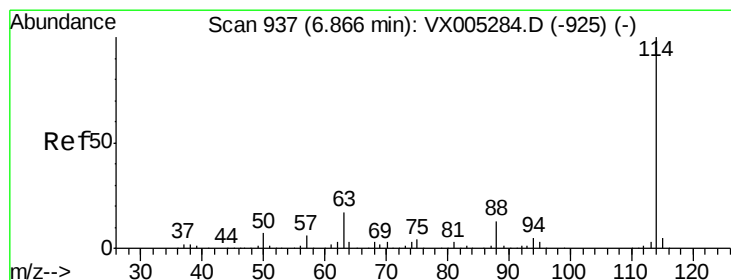
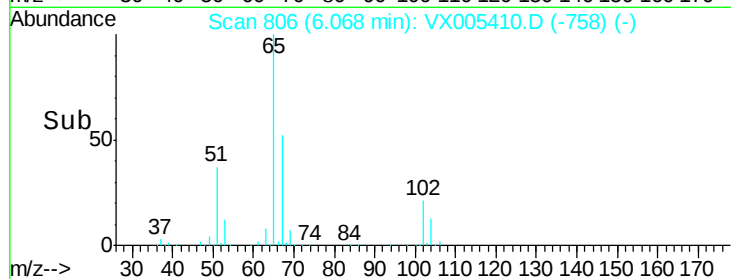
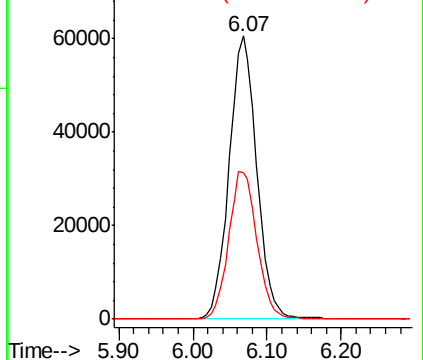
65 100

67 53.4 0.0 106.8



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. -0.01 min

Lab File: VX005410.D

Acq: 18 Oct 2018 00:41

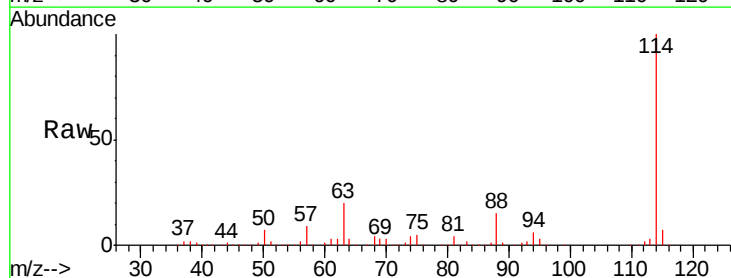
Tgt Ion: 114 Resp: 400373

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

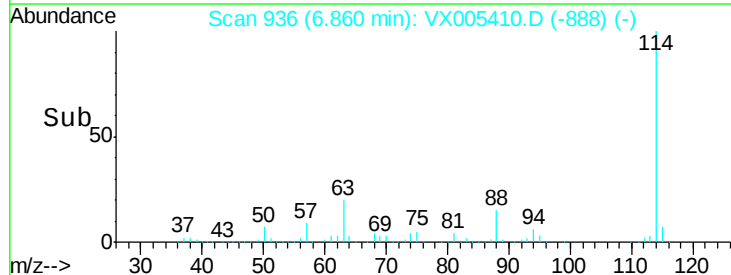
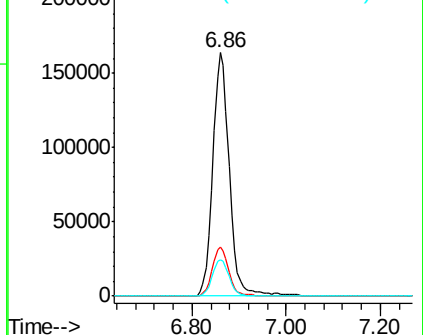
88 14.9 0.0 30.4

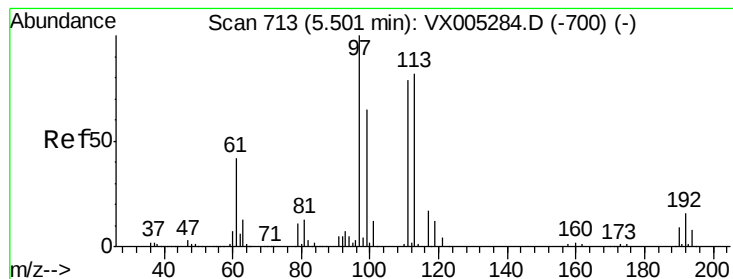


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.26 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005410.D

Acq: 18 Oct 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

RLF-SW-5

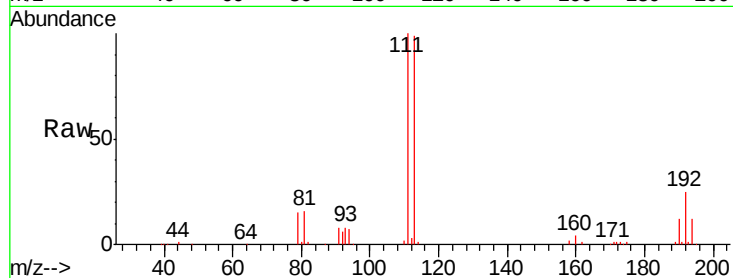
Tgt Ion:113 Resp: 127978

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

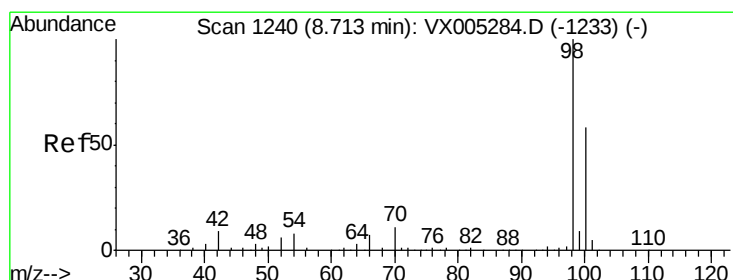
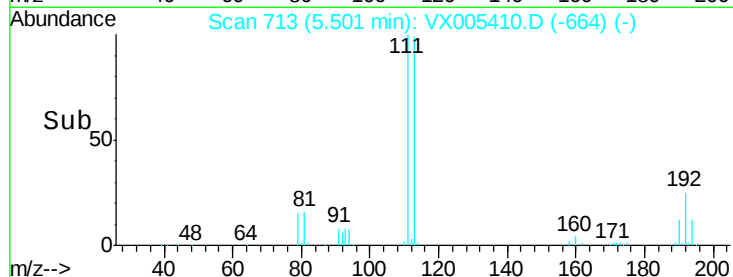
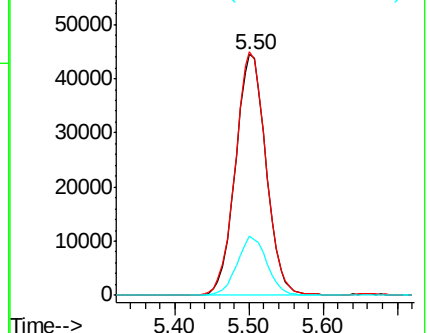
192 24.0 19.4 29.2



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: 52.81 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005410.D

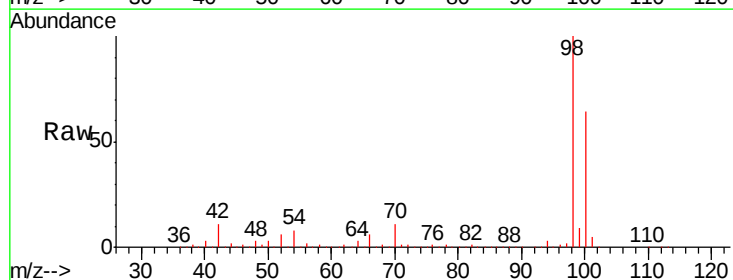
Acq: 18 Oct 2018 00:41

Tgt Ion: 98 Resp: 480795

Ion Ratio Lower Upper

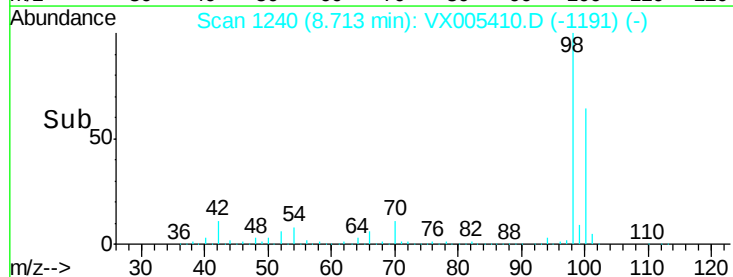
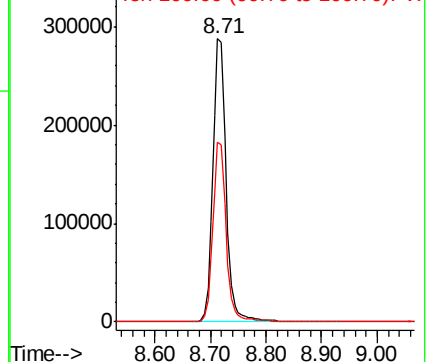
98 100

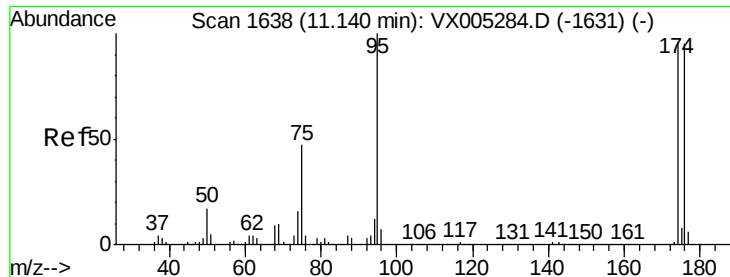
100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.55 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005410.D

Acq: 18 Oct 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

RLF-SW-5

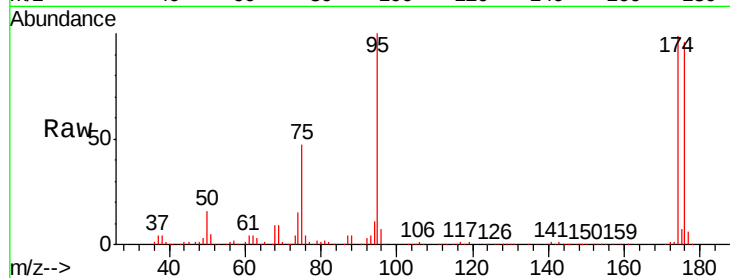
Tgt Ion: 95 Resp: 159214

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.2

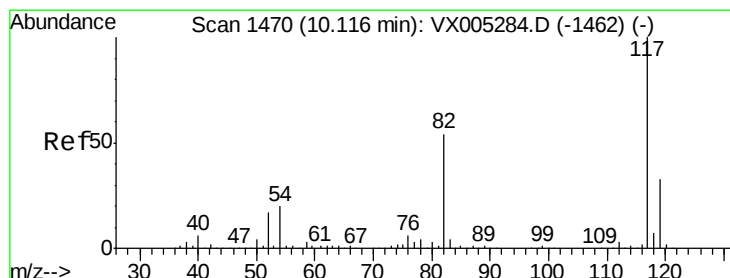
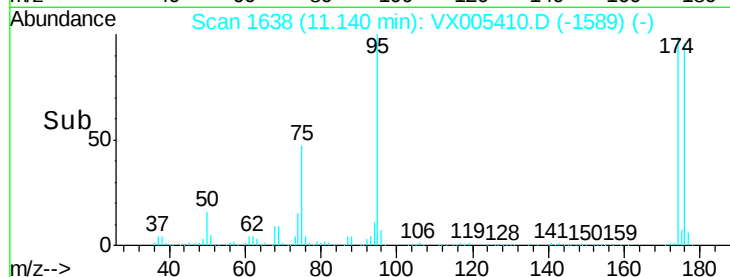
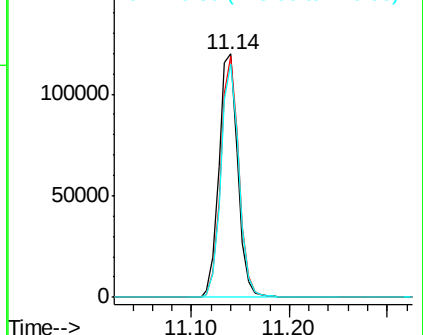
176 92.3 0.0 178.6



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: VX005410.D

Acq: 18 Oct 2018 00:41

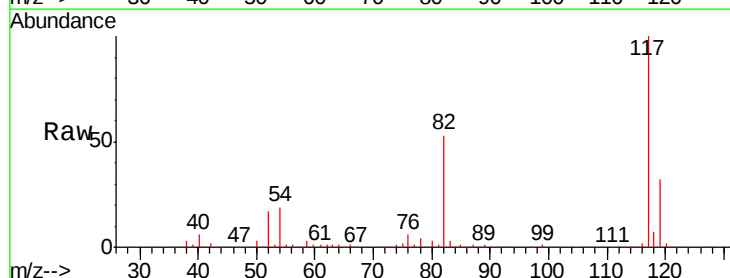
Tgt Ion: 117 Resp: 361181

Ion Ratio Lower Upper

117 100

82 53.4 47.8 71.6

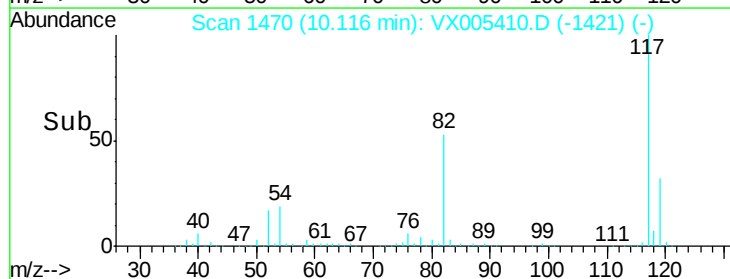
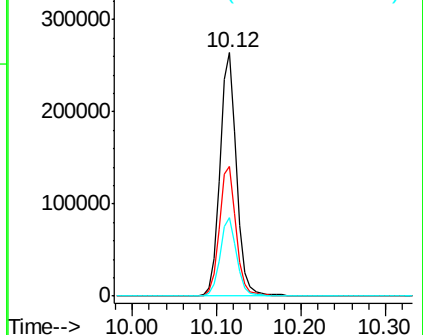
119 32.3 29.3 43.9

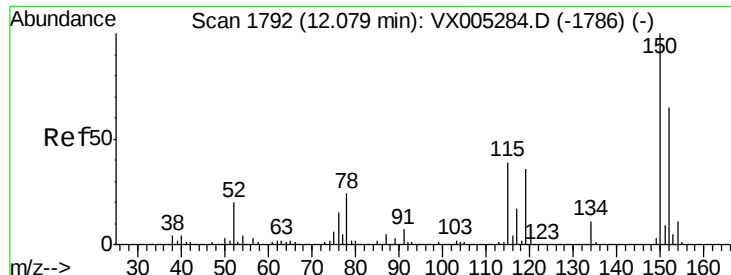


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX005410.D
 Acq: 18 Oct 2018 00:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-5

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.0	117.0
150	157.0	0.0	351.0

