

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005406.D
 Acq On : 17 Oct 2018 22:54
 Operator : JC/MD
 Sample : J5569-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-4

Quant Time: Oct 19 02:20:27 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	298561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186606	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166094	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	5.50	113	135525	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
50) Toluene-d8	8.71	98	510172	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.14	95	167433	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	

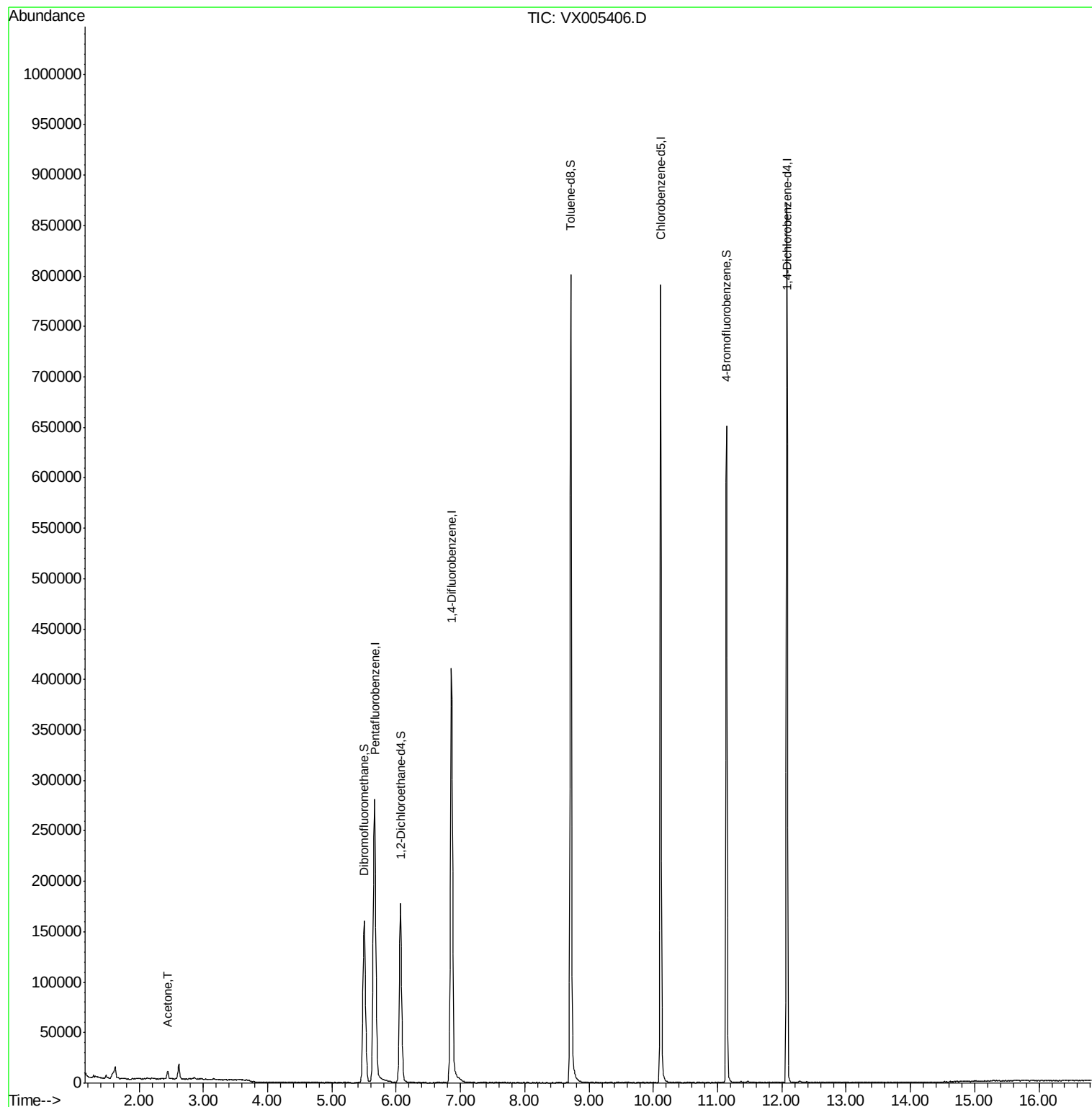
Target Compounds						Qvalue
16) Acetone	2.45	43	9061	4.73	ug/l	95

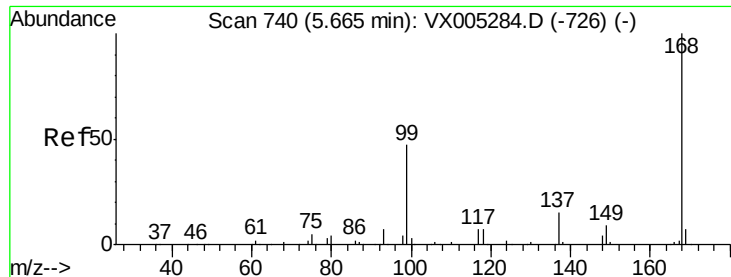
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX005406.D

Acq: 17 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

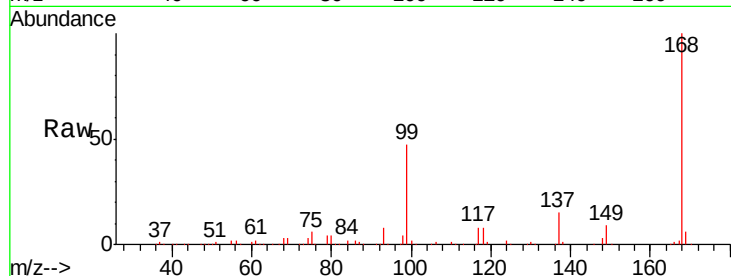
RLF-SW-4

Tgt Ion:168 Resp: 298561

Ion Ratio Lower Upper

168 100

99 46.8 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

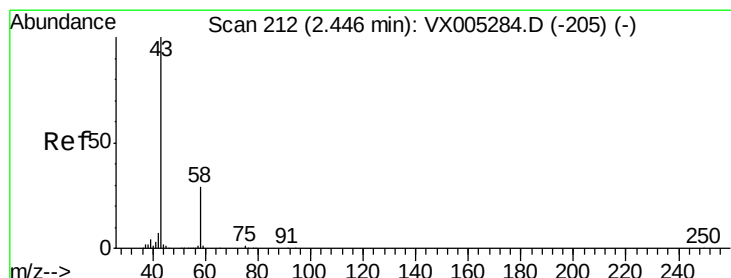
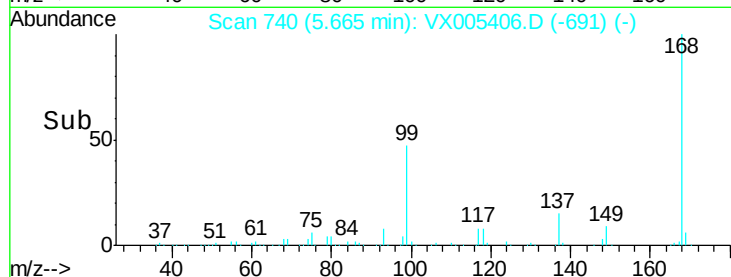
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.73 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005406.D

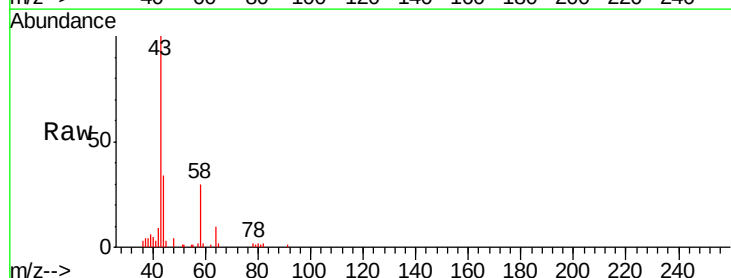
Acq: 17 Oct 2018 22:54

Tgt Ion: 43 Resp: 9061

Ion Ratio Lower Upper

43 100

58 30.1 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

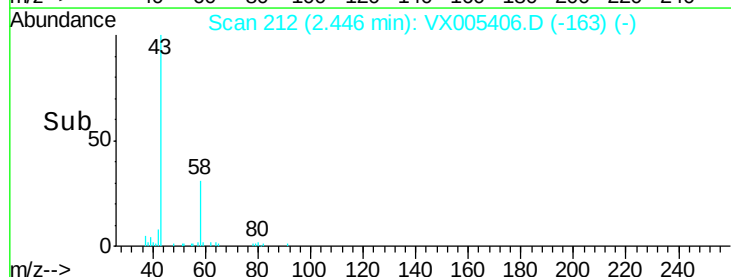
3000

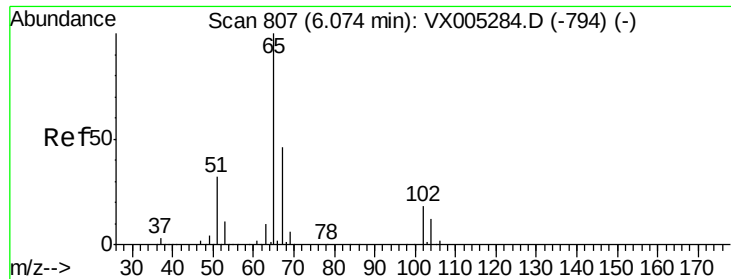
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

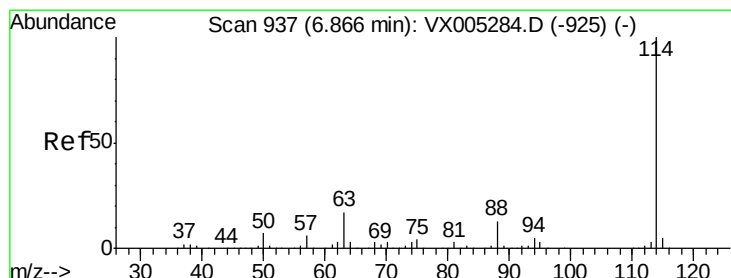
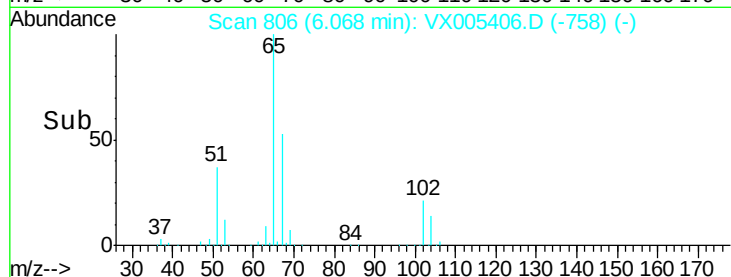
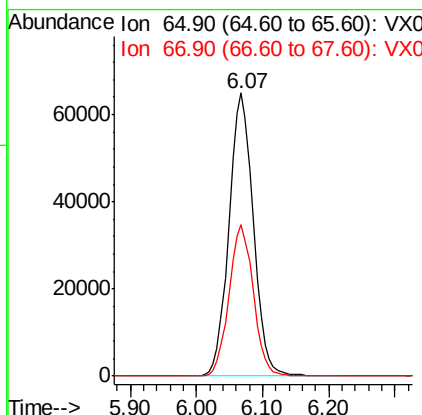
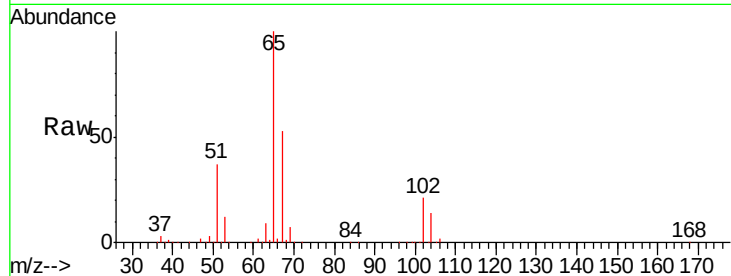




#33
 1,2-Dichloroethane-d4
 Concen: 50.13 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005406.D
 Acq: 17 Oct 2018 22:54

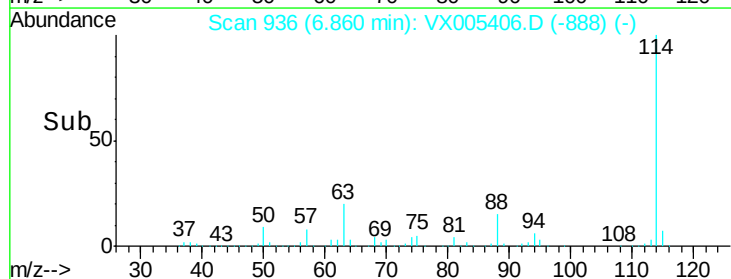
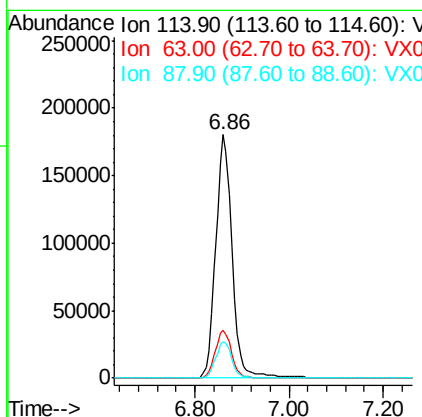
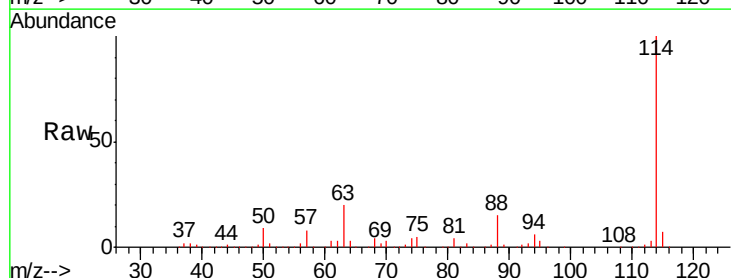
Instrument :
 MSVOA_X
 ClientSampled :
 RLF-SW-4

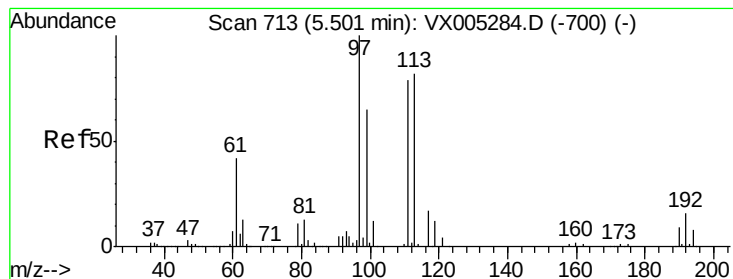
Tgt Ion: 65 Resp: 166094
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005406.D
 Acq: 17 Oct 2018 22:54

Tgt Ion: 114 Resp: 435628
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.97 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005406.D

Acq: 17 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

RLF-SW-4

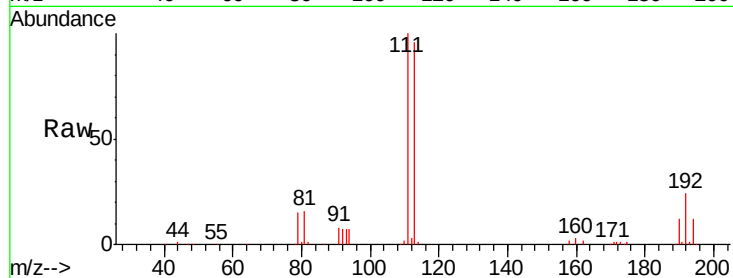
Tgt Ion:113 Resp: 135525

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

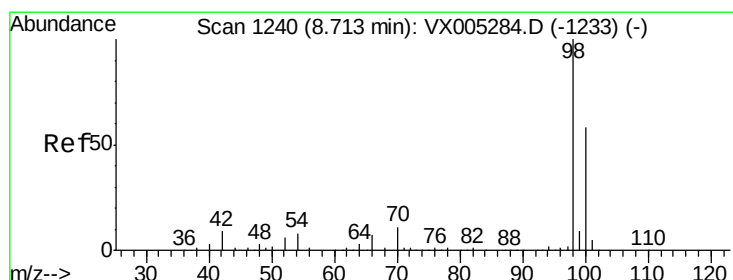
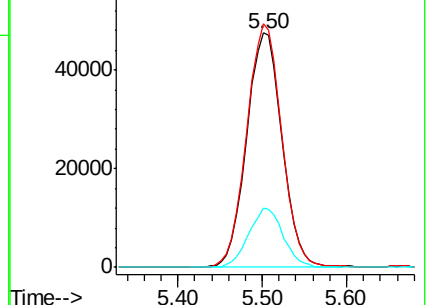
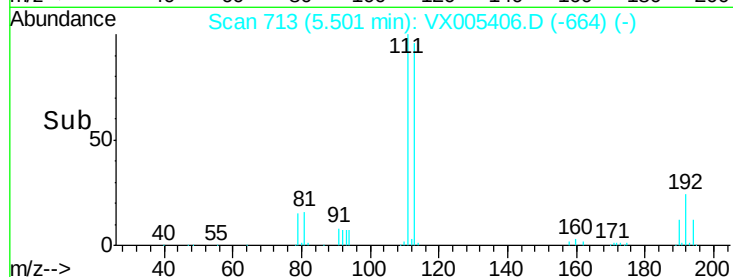
192 24.8 19.4 29.2



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: 51.50 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005406.D

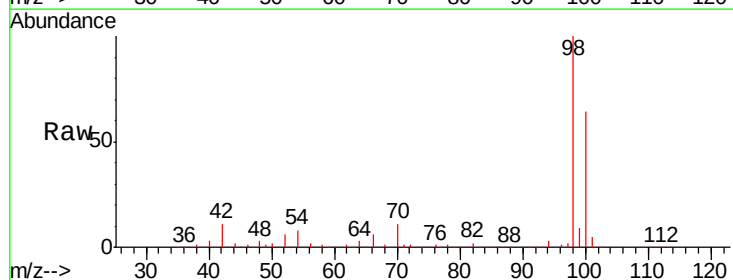
Acq: 17 Oct 2018 22:54

Tgt Ion: 98 Resp: 510172

Ion Ratio Lower Upper

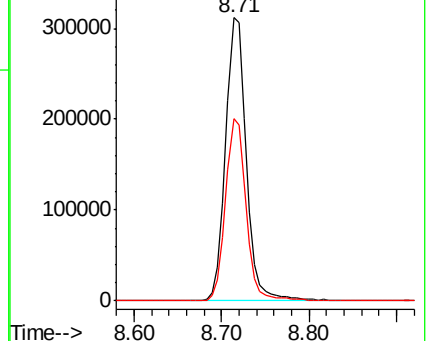
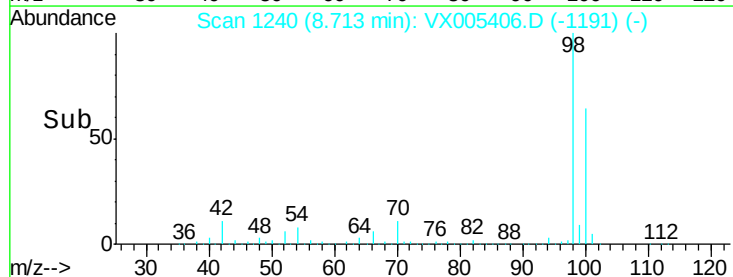
98 100

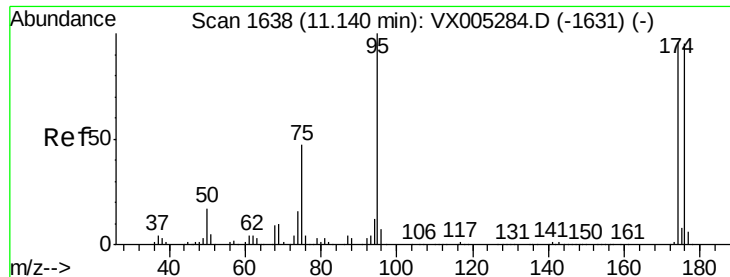
100 64.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

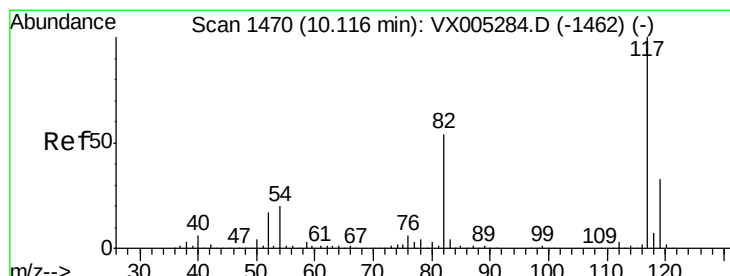
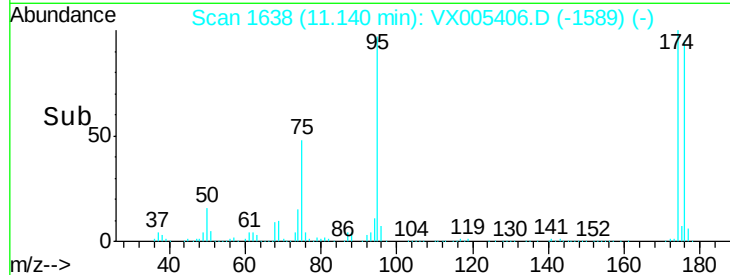
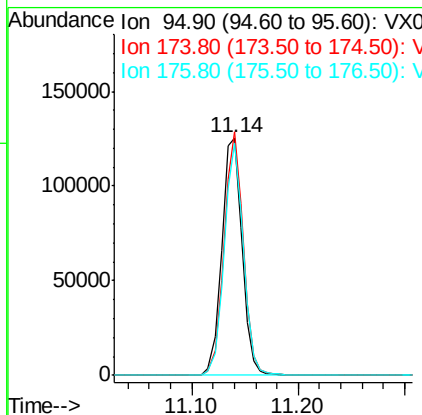
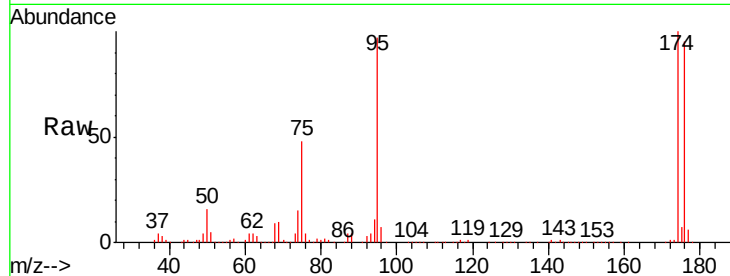




#62
 4-Bromofluorobenzene
 Concen: 45.00 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005406.D
 Acq: 17 Oct 2018 22:54

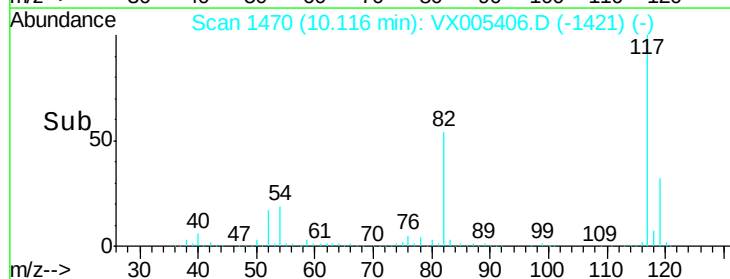
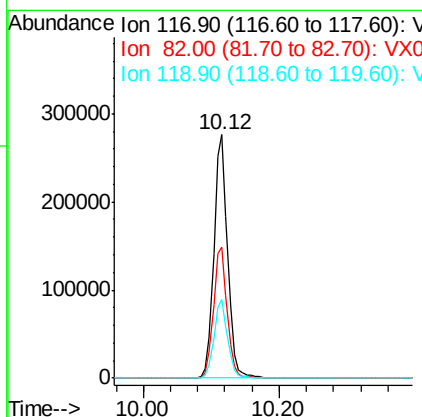
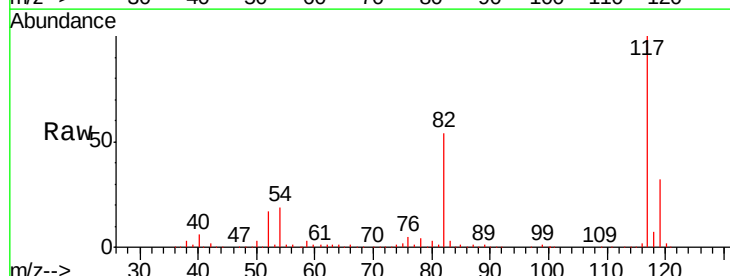
Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-4

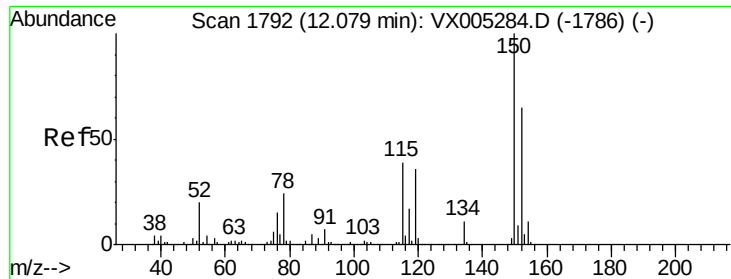
Tgt Ion:	95	Resp:	167433
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	185.2
176	92.9	0.0	178.6



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VX005406.D
 Acq: 17 Oct 2018 22:54

Tgt Ion:	117	Resp:	384809
Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.8	71.6
119	32.3	29.3	43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005406.D

Acq: 17 Oct 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

RLF-SW-4

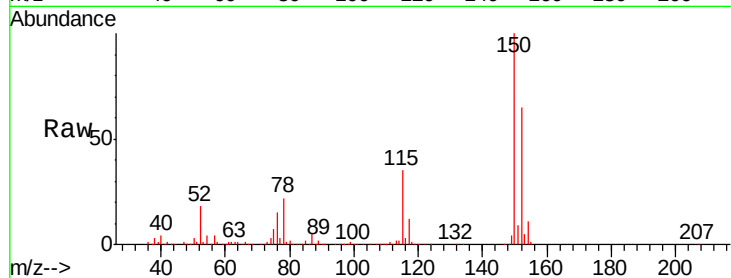
Tgt Ion:152 Resp: 186606

Ion Ratio Lower Upper

152 100

115 54.1 39.0 117.0

150 156.6 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

