

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005211.D
 Acq On : 10 Oct 2018 17:20
 Operator : JC/MD
 Sample : J5364-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-181008

Quant Time: Oct 11 07:11:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157182	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	138361	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
35) Dibromofluoromethane	5.50	113	116101	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.72	98	412181	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	147100	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	

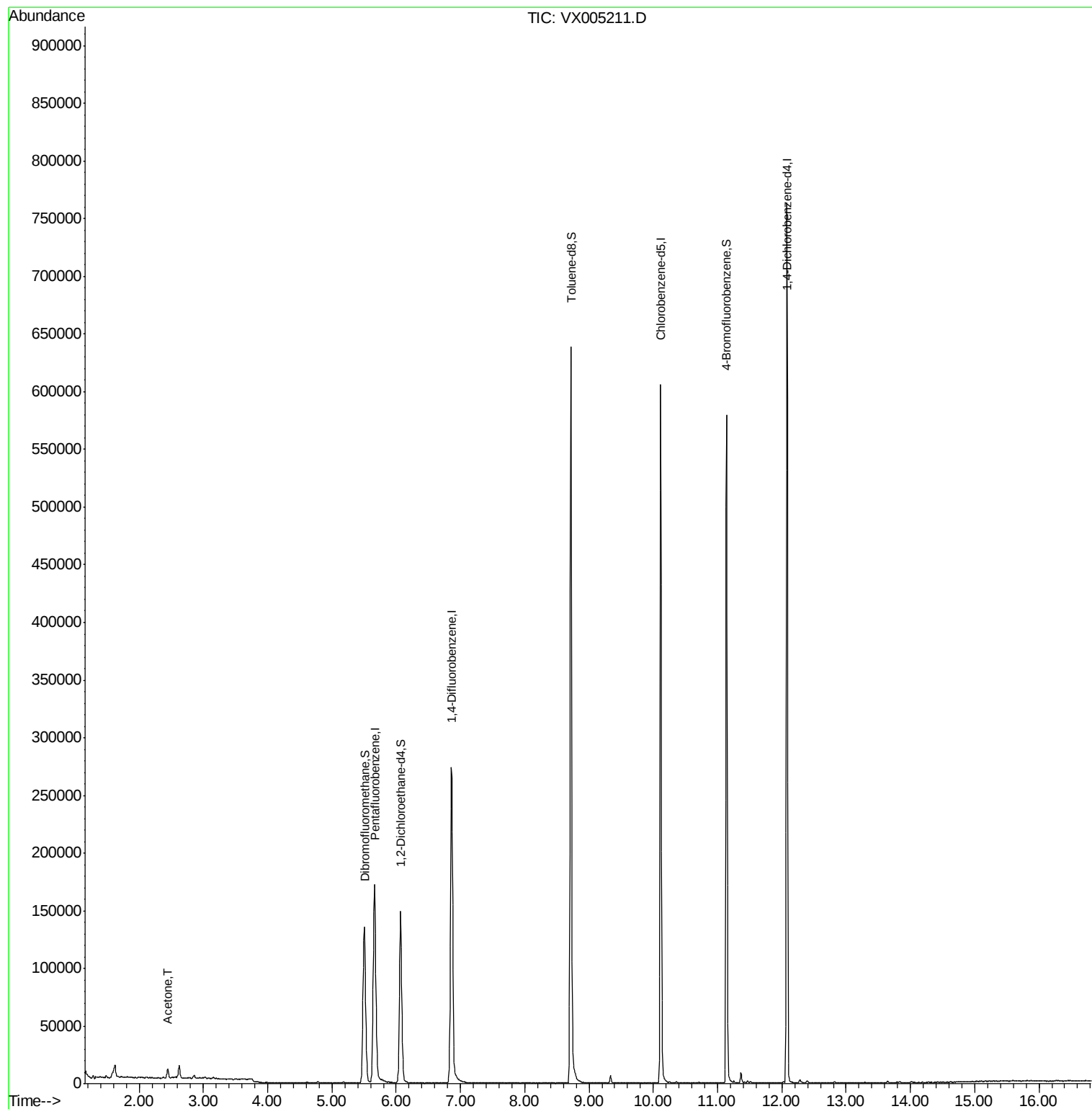
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9368	6.33	ug/l	93

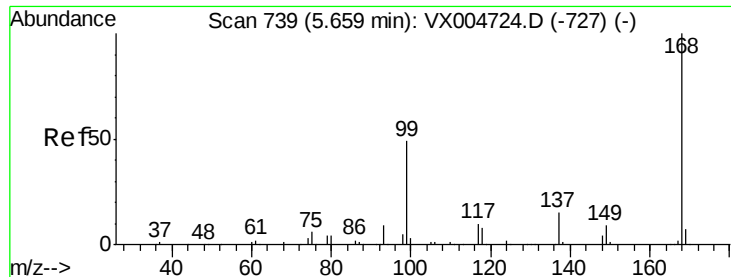
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005211.D

Acq: 10 Oct 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

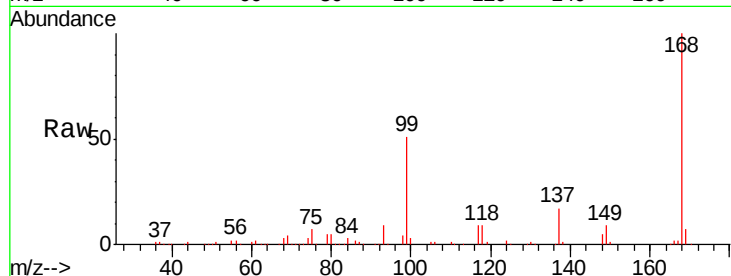
TB-01-181008

Tgt Ion:168 Resp: 177375

Ion Ratio Lower Upper

168 100

99 50.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

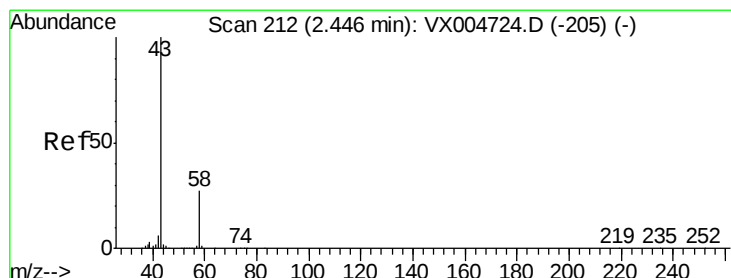
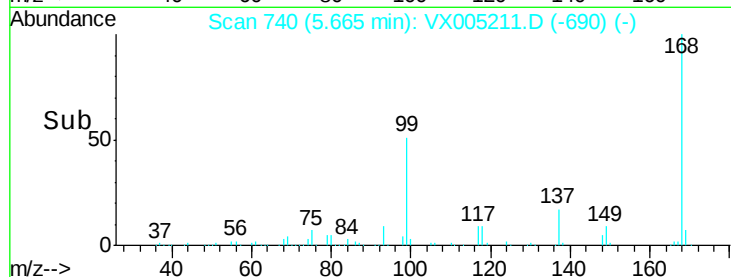
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.33 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005211.D

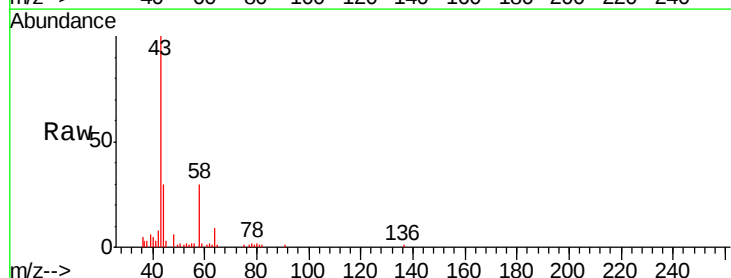
Acq: 10 Oct 2018 17:20

Tgt Ion: 43 Resp: 9368

Ion Ratio Lower Upper

43 100

58 31.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

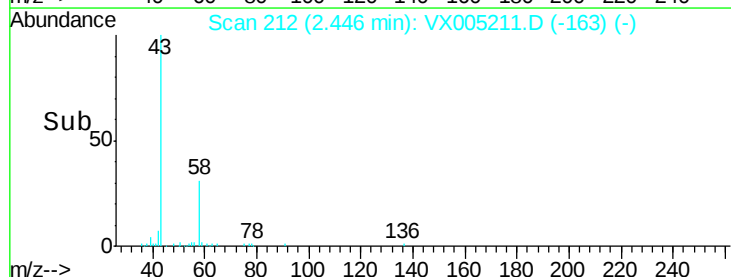
3000

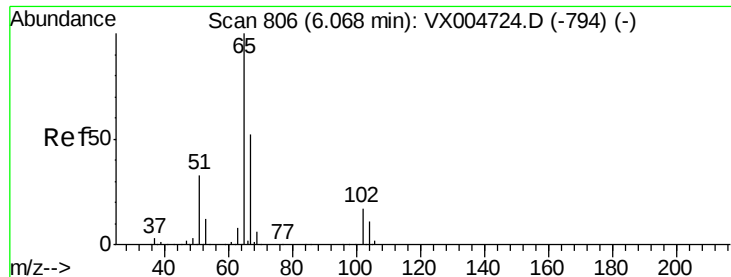
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 54.61 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005211.D

Acq: 10 Oct 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

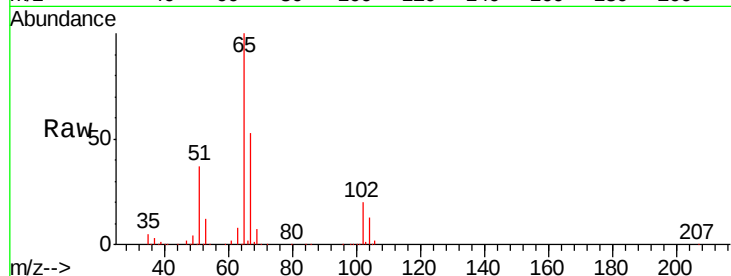
TB-01-181008

Tgt Ion: 65 Resp: 138361

Ion Ratio Lower Upper

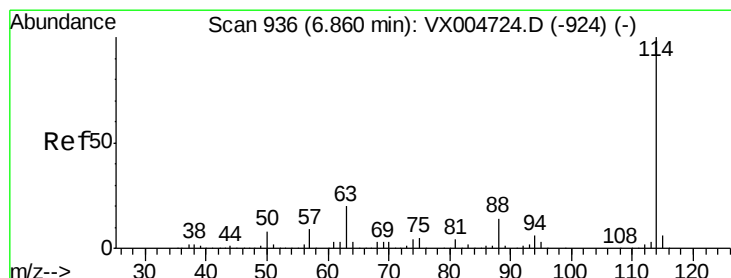
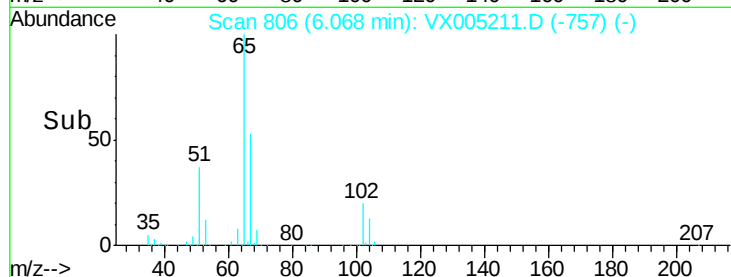
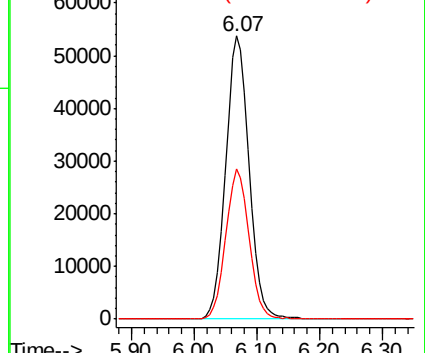
65 100

67 53.1 0.0 107.4



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. 0.00 min

Lab File: VX005211.D

Acq: 10 Oct 2018 17:20

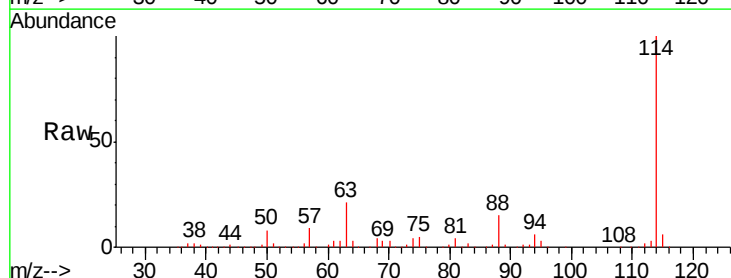
Tgt Ion: 114 Resp: 285854

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.8

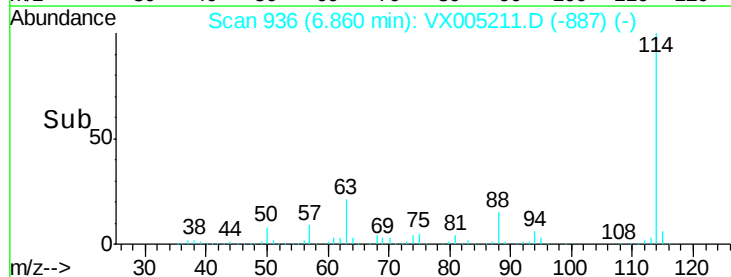
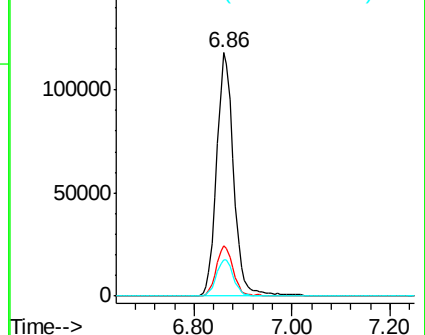
88 14.7 0.0 27.0

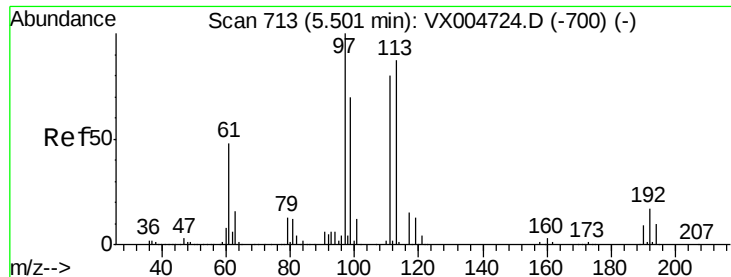


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.92 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005211.D

Acq: 10 Oct 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

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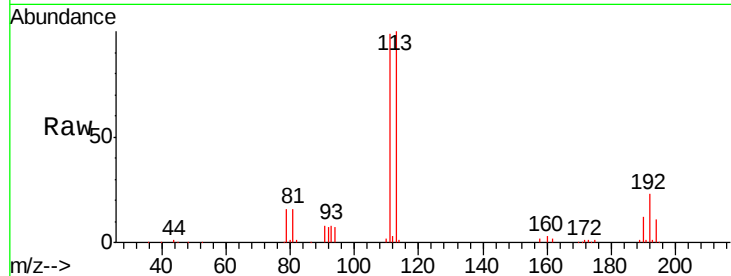
Tgt Ion:113 Resp: 116101

Ion Ratio Lower Upper

113 100

111 102.2 77.0 115.4

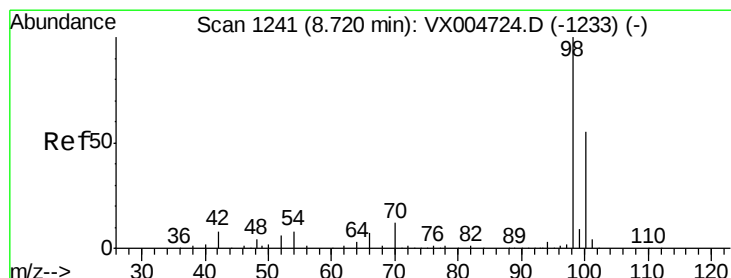
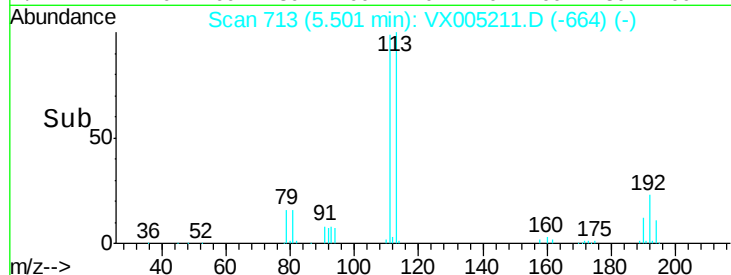
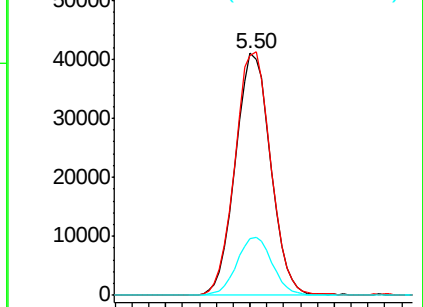
192 24.1 17.0 25.6



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: 51.18 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005211.D

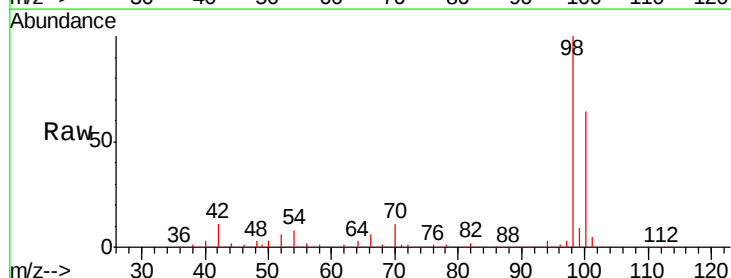
Acq: 10 Oct 2018 17:20

Tgt Ion: 98 Resp: 412181

Ion Ratio Lower Upper

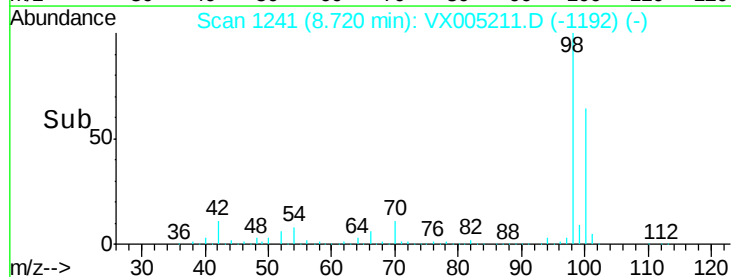
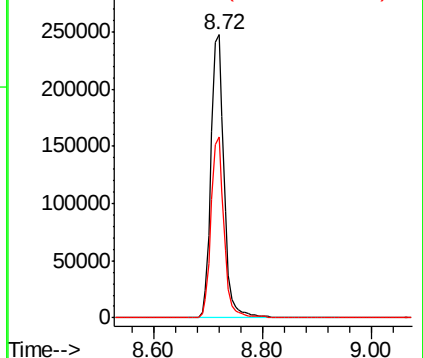
98 100

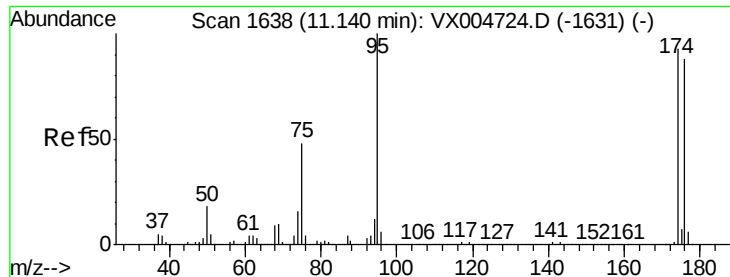
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

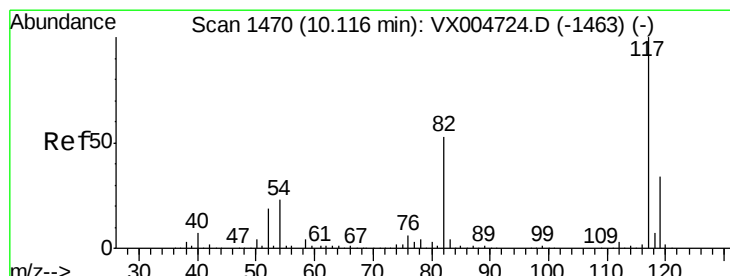
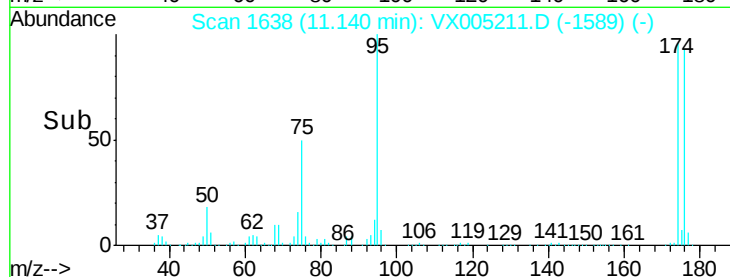
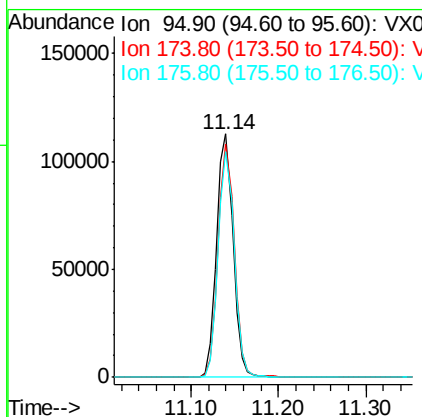
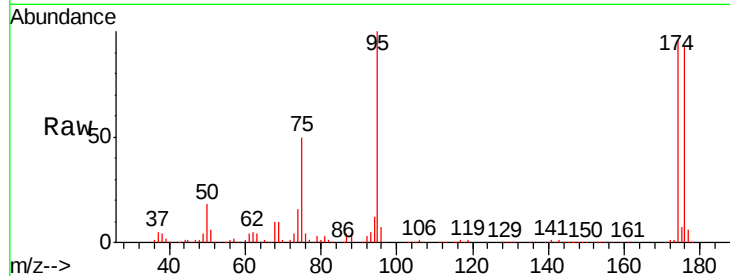




#62
4-Bromofluorobenzene
Concen: 50.70 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005211.D
Acq: 10 Oct 2018 17:20

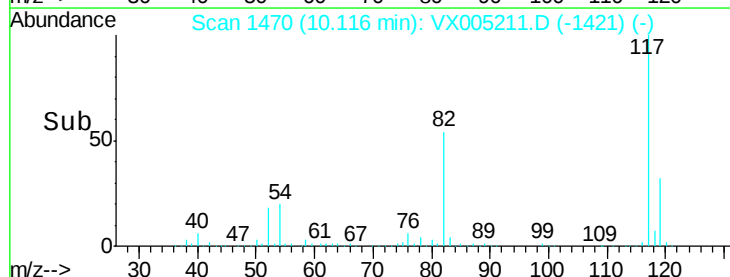
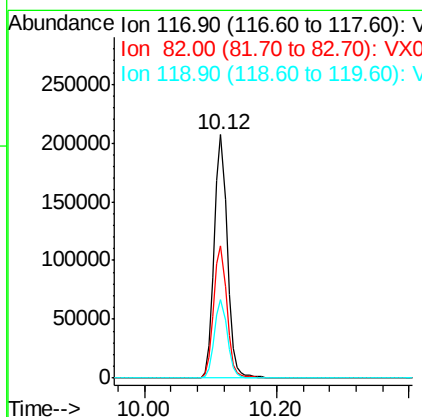
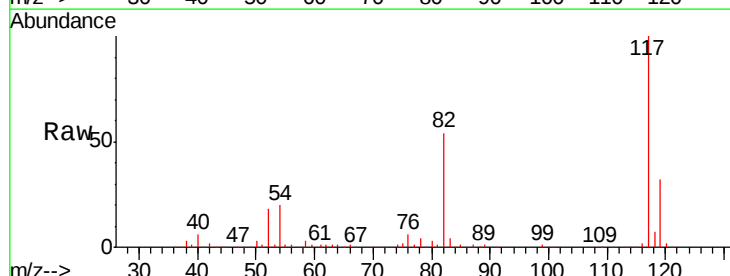
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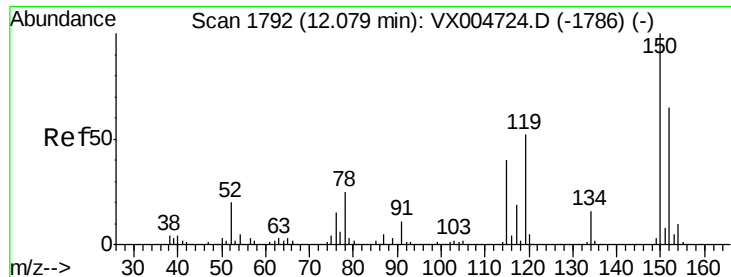
Tgt Ion: 95 Resp: 147100
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.0
176 90.9 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005211.D
Acq: 10 Oct 2018 17:20

Tgt Ion: 117 Resp: 281655
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.4 27.4 41.0

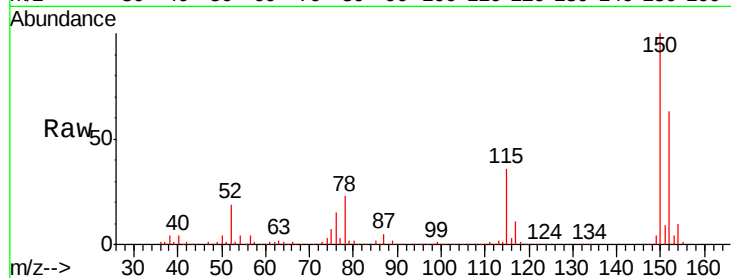




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005211.D
 Acq: 10 Oct 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-181008

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.2	120.6
150	156.5	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

