

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005119.D
 Acq On : 08 Oct 2018 11:34
 Operator : JC/MD
 Sample : J5189-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-117D1-20180926

Quant Time: Oct 09 12:48:27 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	200270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176910	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	150356	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	5.50	113	126334	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	8.72	98	458497	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.14	95	164840	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	

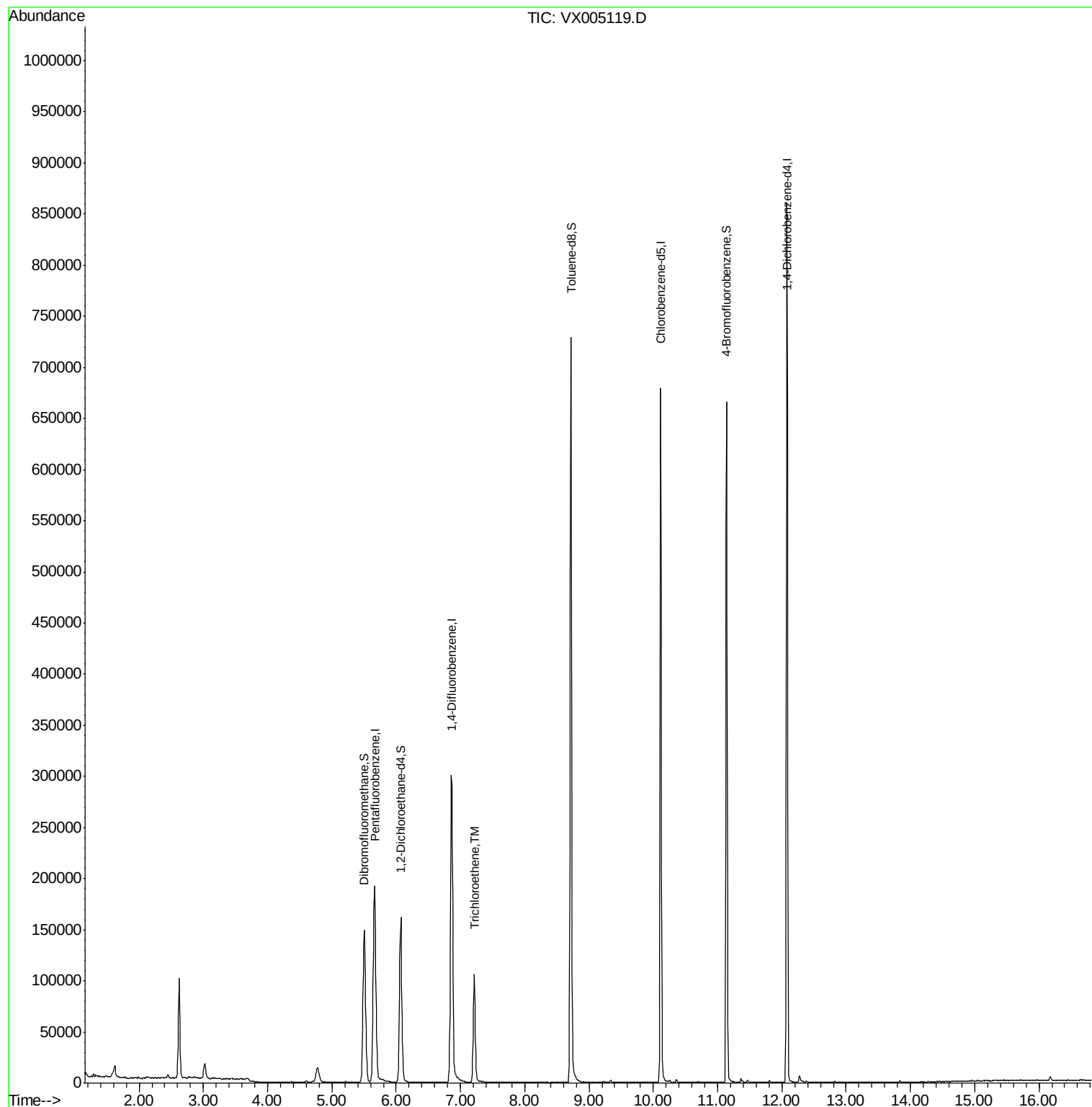
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.21	130	43658	15.53	ug/l	99

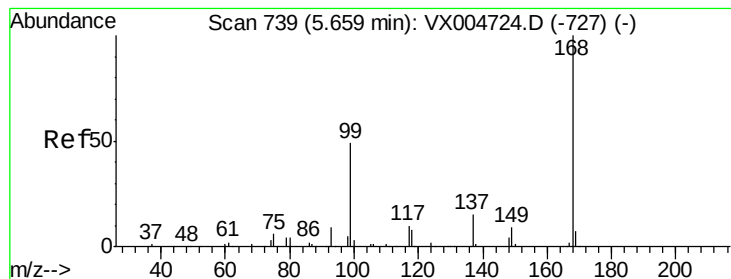
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005119.D

Acq: 08 Oct 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

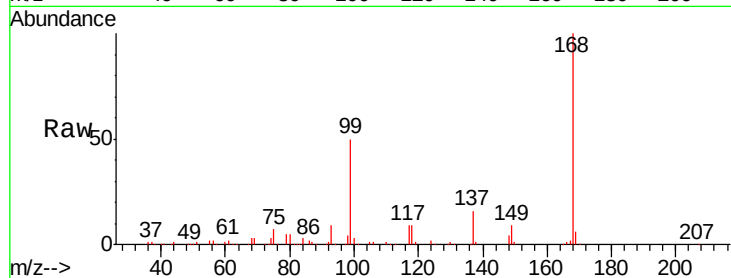
RE-117D1-20180926

Tgt Ion:168 Resp: 200270

Ion Ratio Lower Upper

168 100

99 50.1 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

80000

60000

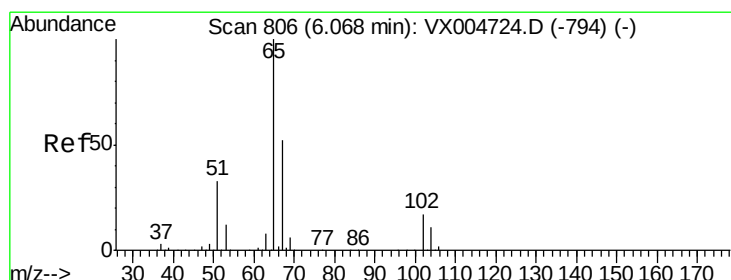
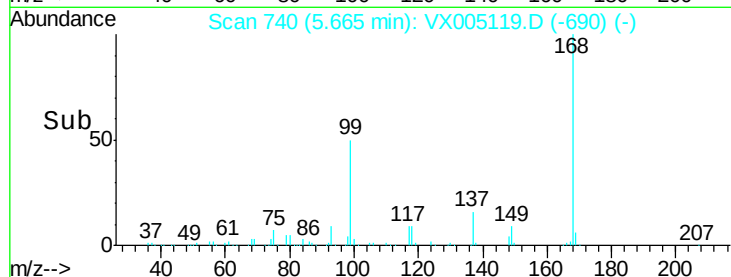
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 52.56 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005119.D

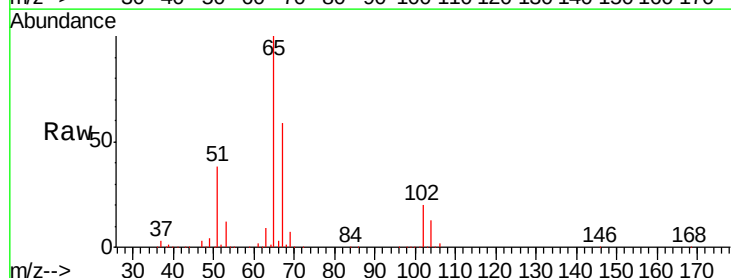
Acq: 08 Oct 2018 11:34

Tgt Ion: 65 Resp: 150356

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

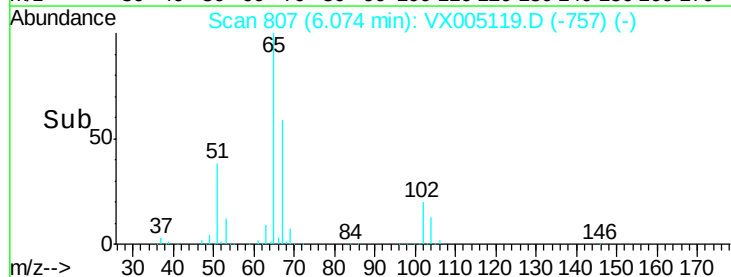
40000

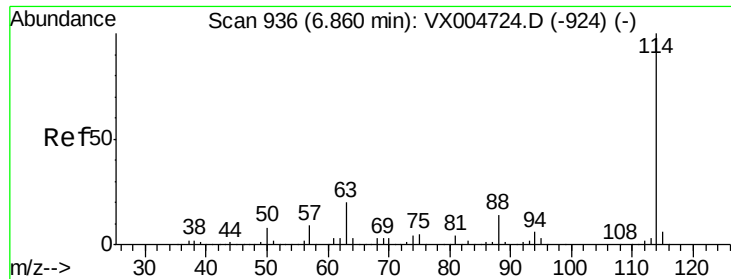
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005119.D

Acq: 08 Oct 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

RE-117D1-20180926

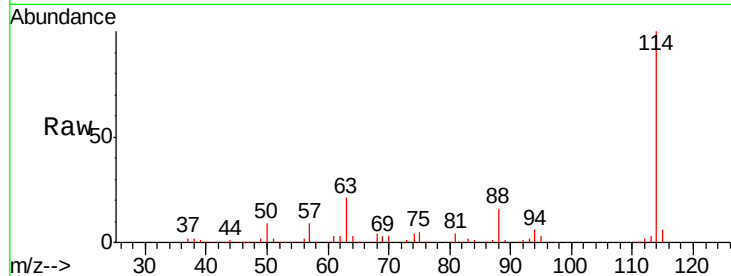
Tgt Ion:114 Resp: 315873

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.8

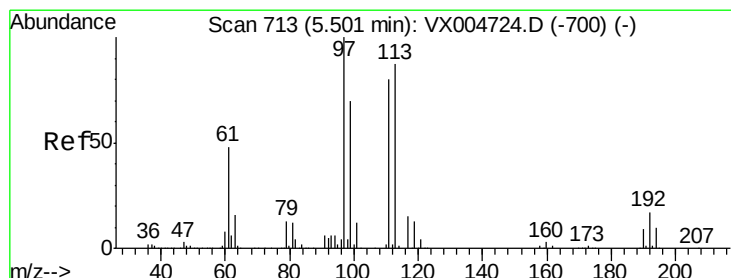
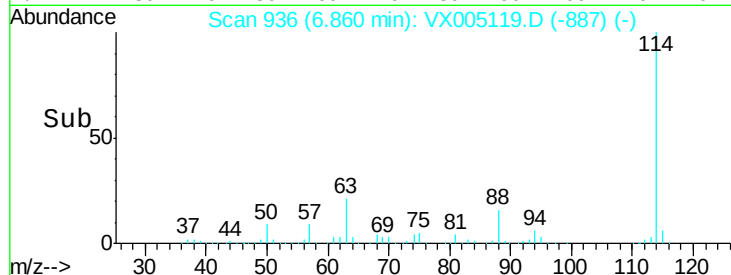
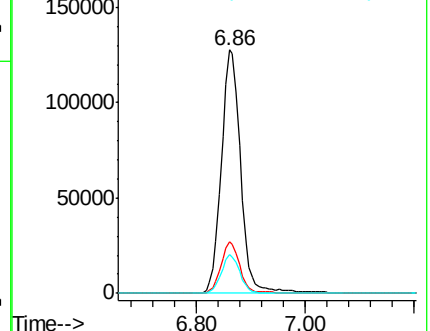
88 15.9 0.0 27.0



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: 47.19 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005119.D

Acq: 08 Oct 2018 11:34

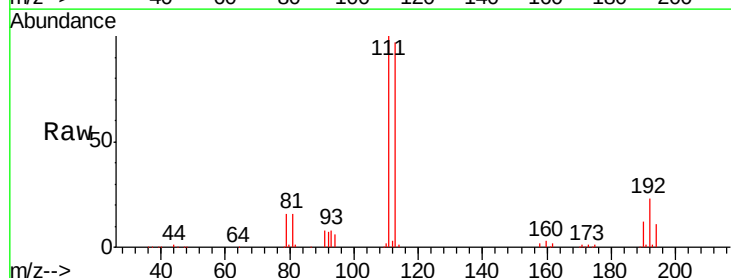
Tgt Ion:113 Resp: 126334

Ion Ratio Lower Upper

113 100

111 102.0 77.0 115.4

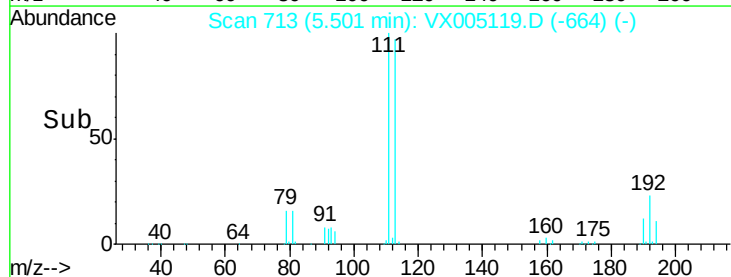
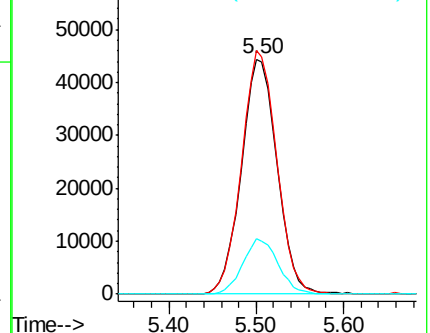
192 23.2 17.0 25.6

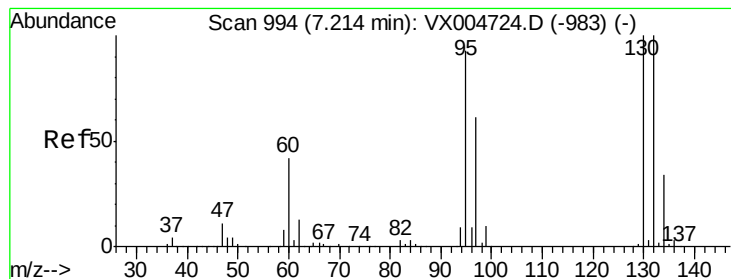


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 15.53 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005119.D

Acq: 08 Oct 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

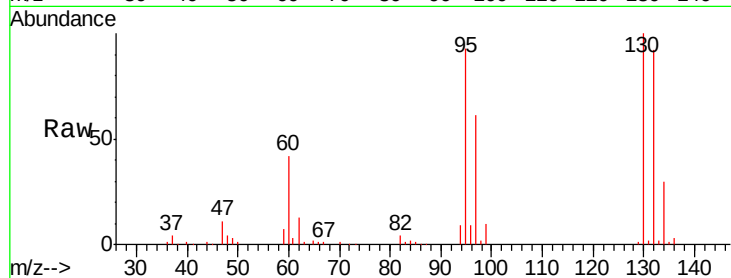
RE-117D1-20180926

Tgt Ion:130 Resp: 43658

Ion Ratio Lower Upper

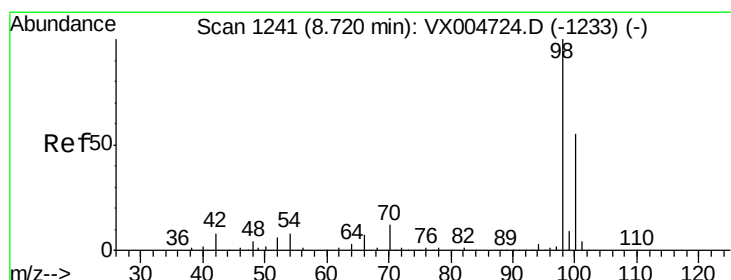
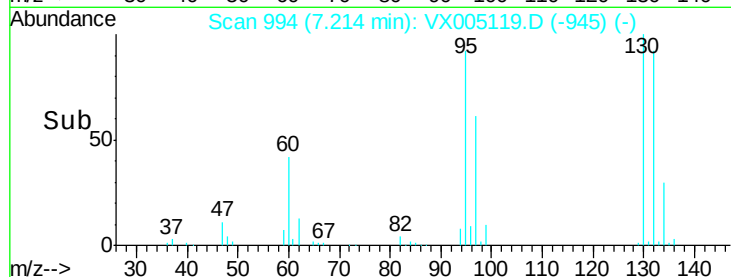
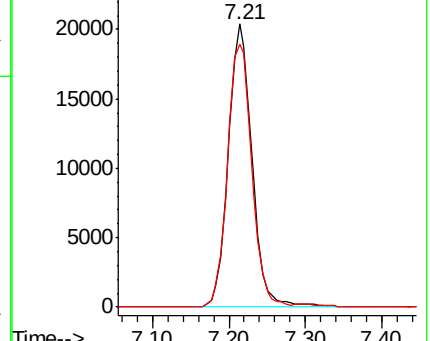
130 100

95 92.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.52 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005119.D

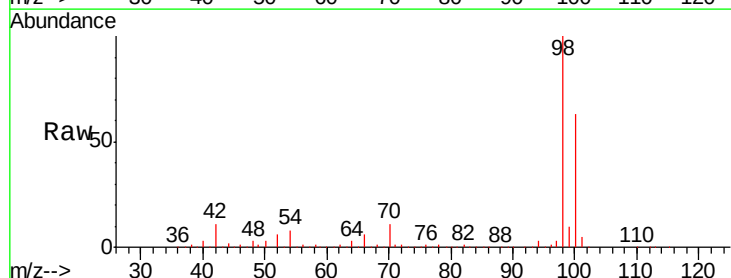
Acq: 08 Oct 2018 11:34

Tgt Ion: 98 Resp: 458497

Ion Ratio Lower Upper

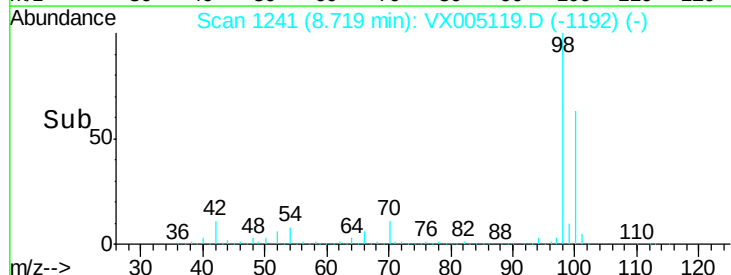
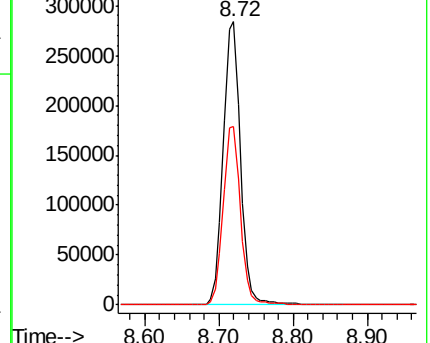
98 100

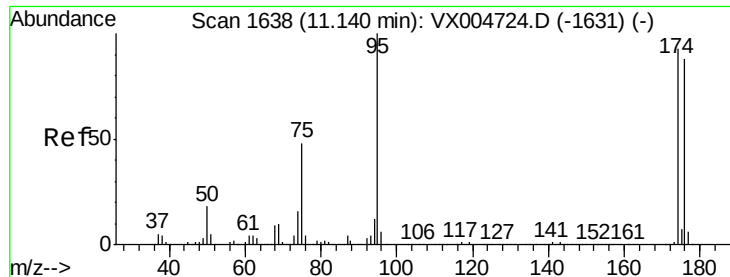
100 63.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

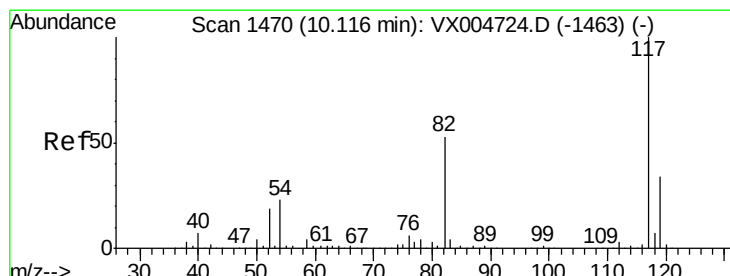
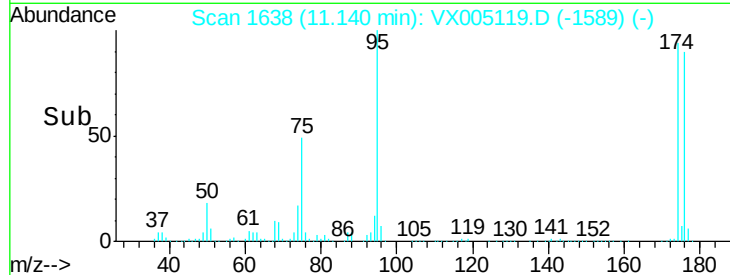
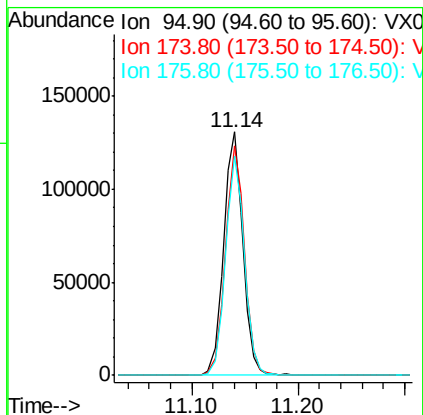
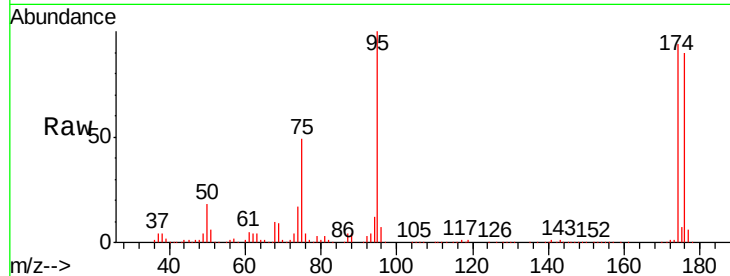




#62
4-Bromofluorobenzene
Concen: 51.41 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

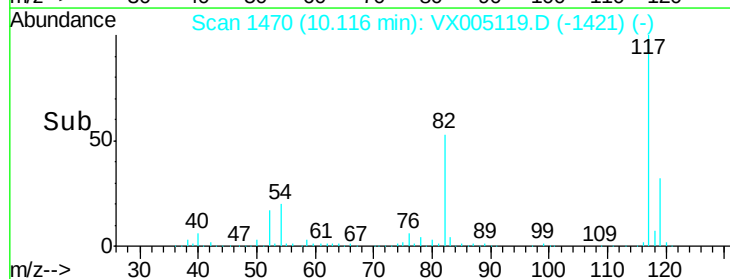
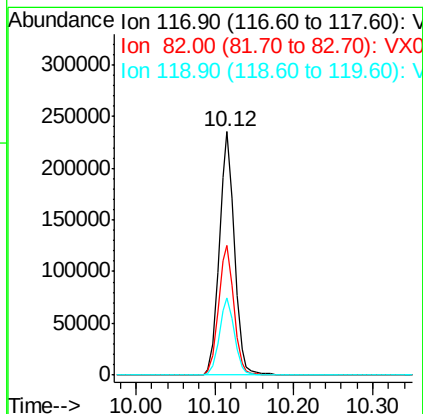
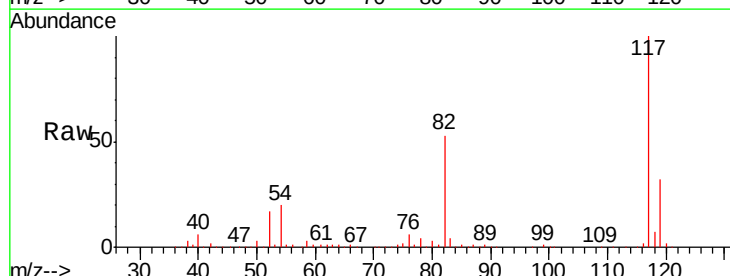
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MSVOA_X
ClientSampleId :
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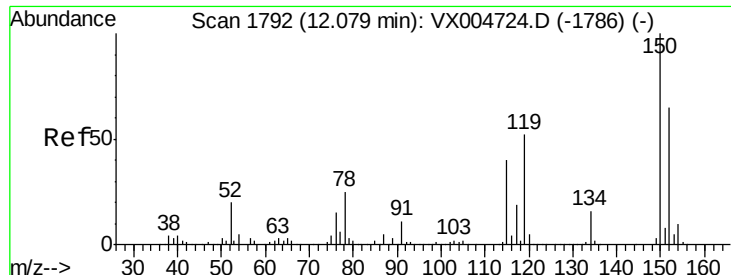
Tgt Ion: 95 Resp: 164840
Ion Ratio Lower Upper
95 100
174 93.9 0.0 185.0
176 89.8 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 117 Resp: 313556
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 31.7 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: VX005119.D
 Acq: 08 Oct 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-117D1-20180926

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.2	120.6
150	155.7	0.0	351.0

