

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007718.D
 Acq On : 26 Feb 2019 17:19
 Operator : JC/SP
 Sample : K1580-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 27 00:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	336488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	581381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	542174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244007	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	208211	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	192143	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	690367	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	11.13	95	238028	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.18%	

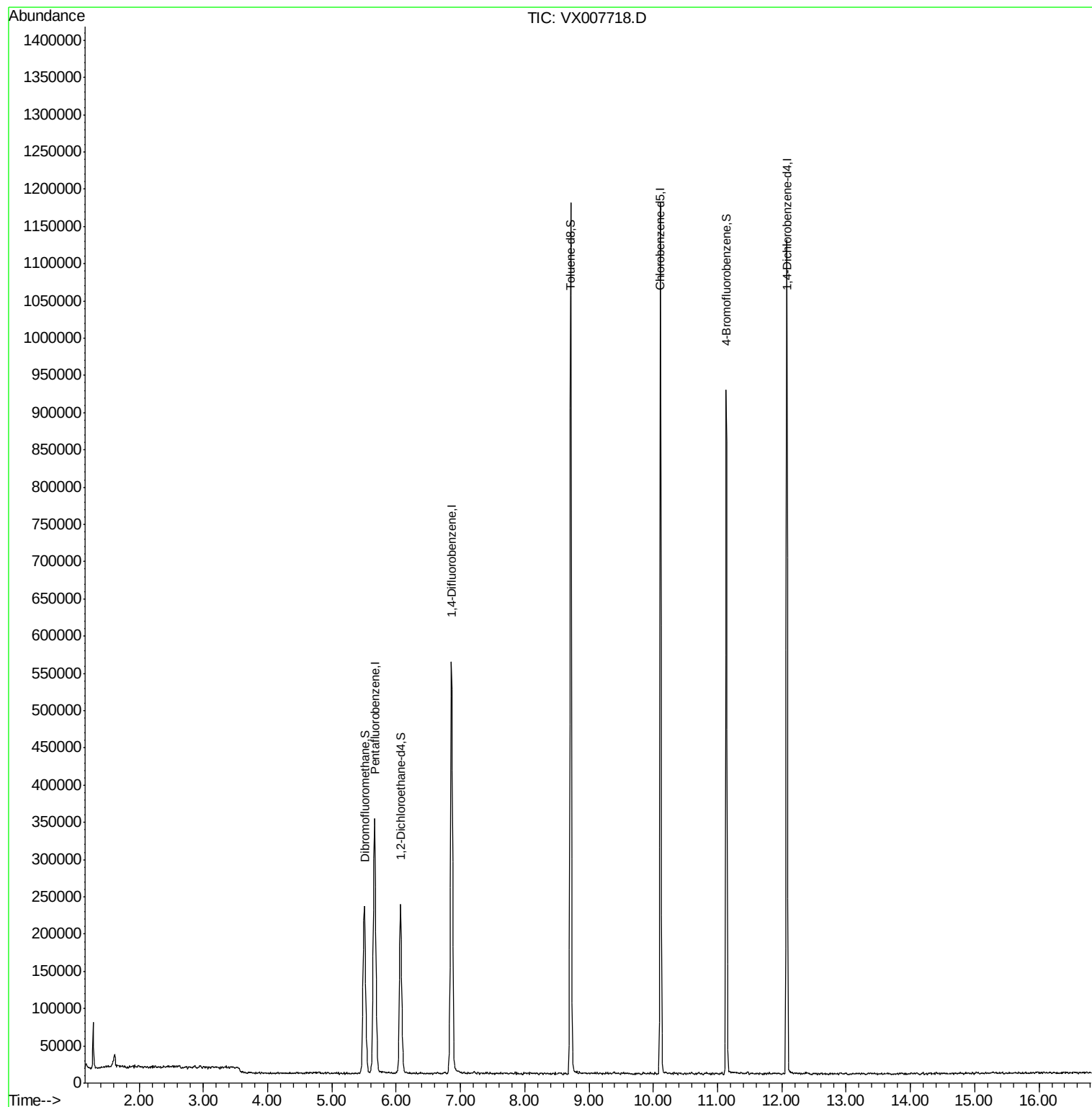
Target Compounds	Qvalue
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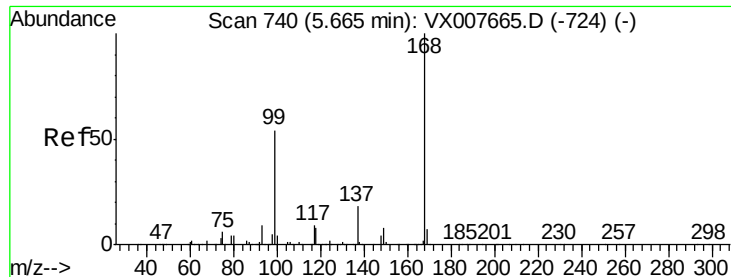
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007718.D

Acq: 26 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

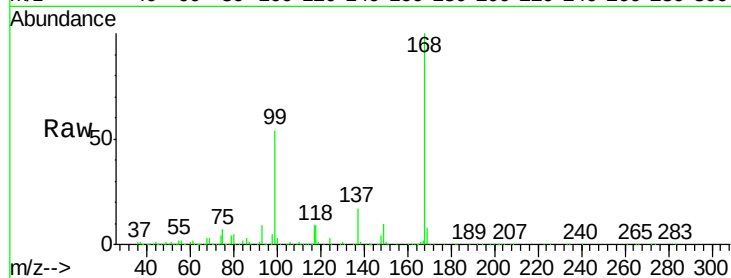
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 336488

Ion Ratio Lower Upper

168 100

99 53.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

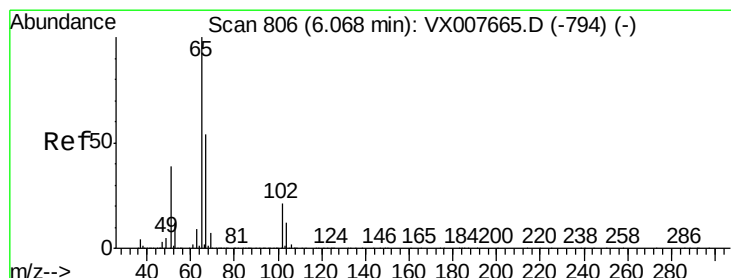
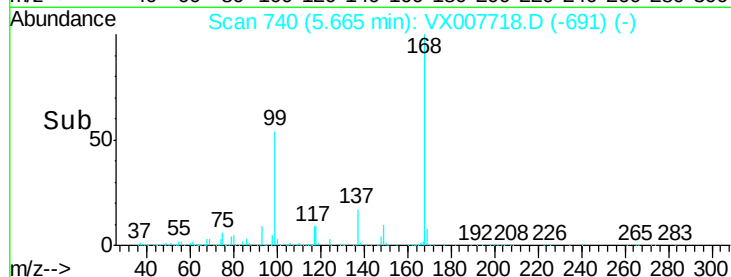
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.954 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007718.D

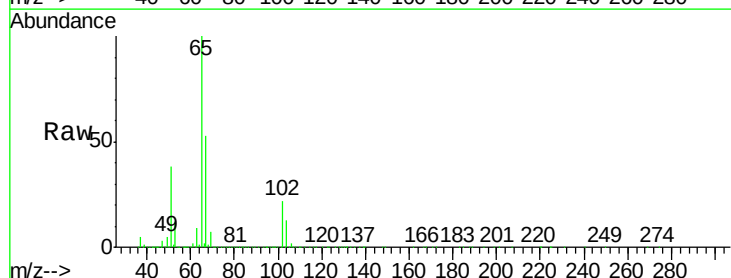
Acq: 26 Feb 2019 17:19

Tgt Ion: 65 Resp: 208211

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

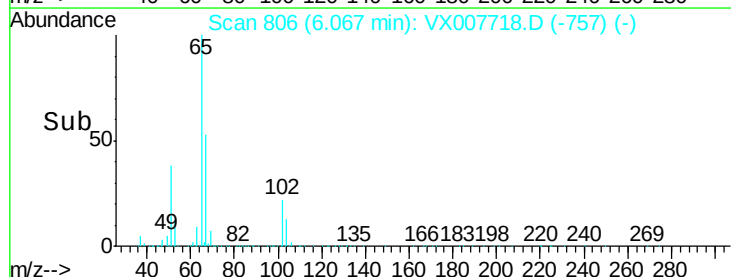
60000

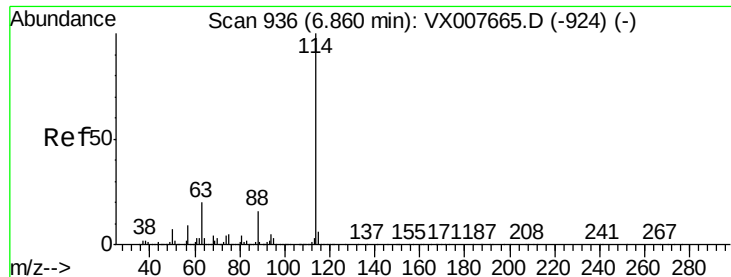
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007718.D

Acq: 26 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

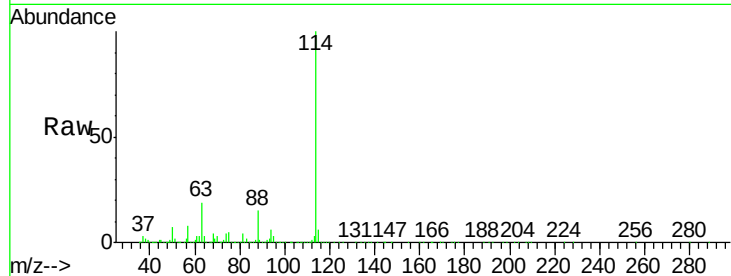
Tot Ion:114 Resp: 581381

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

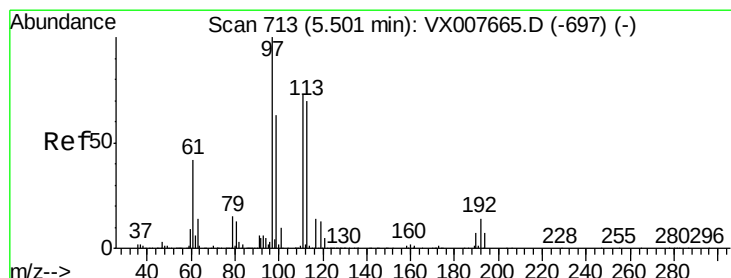
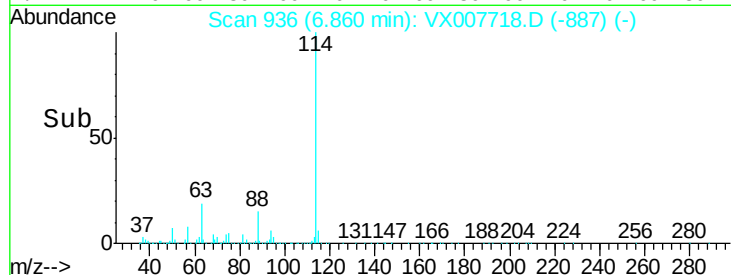
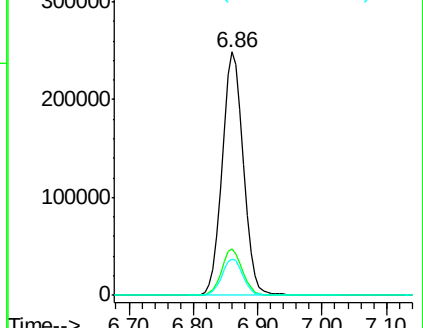
88 15.0 0.0 29.6



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: 49.440 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007718.D

Acq: 26 Feb 2019 17:19

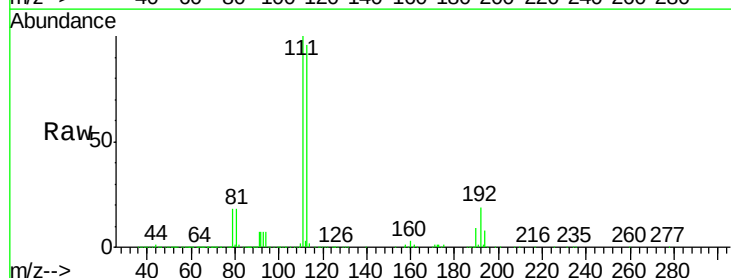
Tgt Ion:113 Resp: 192143

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

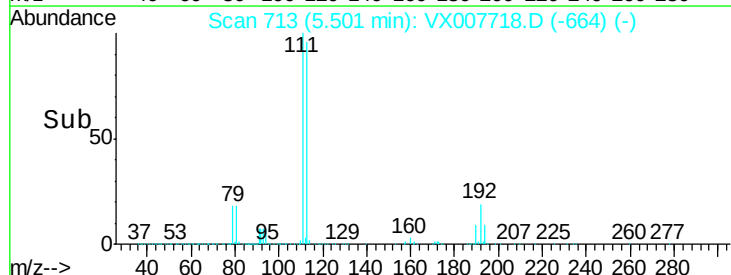
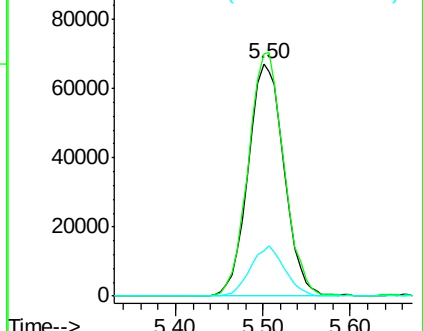
192 20.6 18.5 27.7

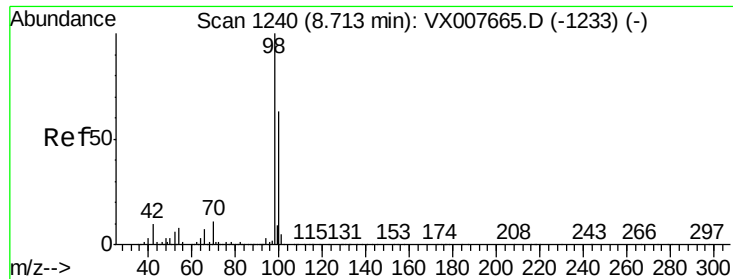


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

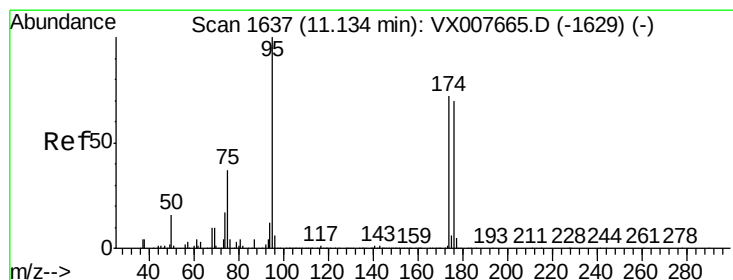
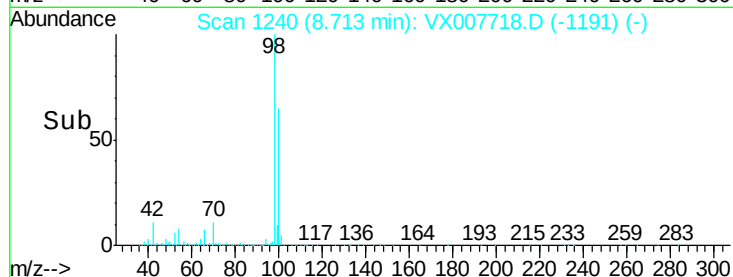
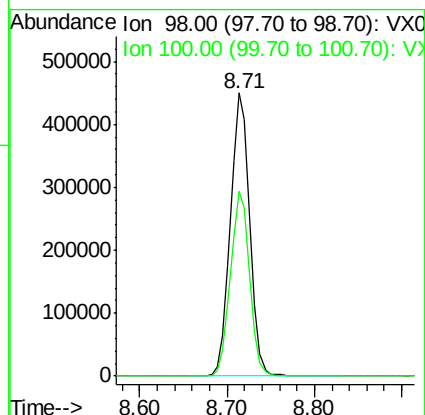
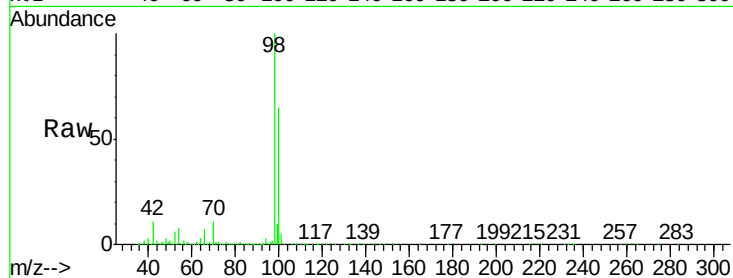




#50
Toluene-d8
Concen: 46.401 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007718.D
Acq: 26 Feb 2019 17:19

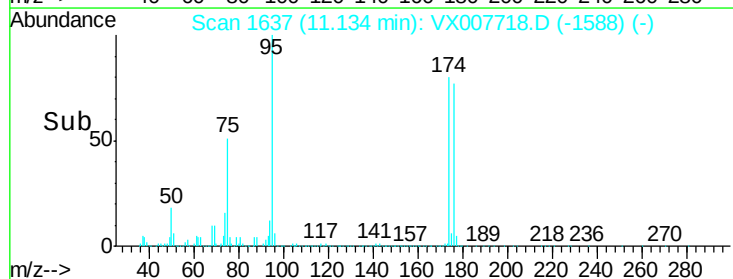
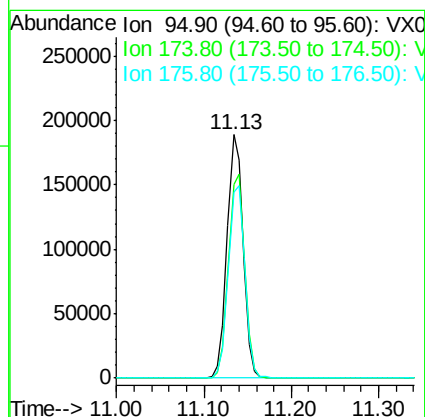
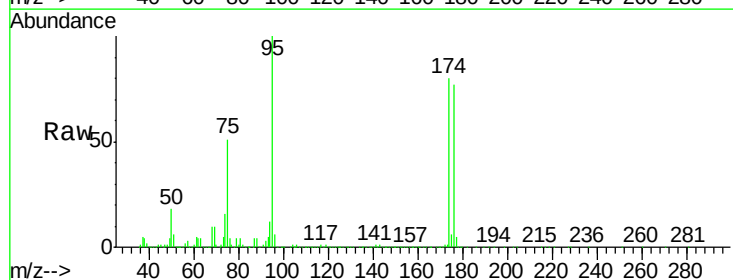
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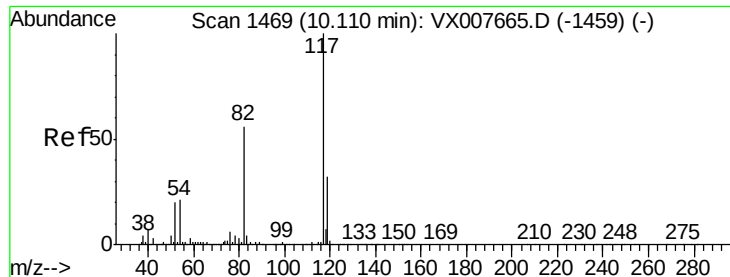
Tot Ion: 98 Resp: 690367
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.588 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007718.D
Acq: 26 Feb 2019 17:19

Tgt Ion: 95 Resp: 238028
Ion Ratio Lower Upper
95 100
174 85.5 0.0 189.2
176 82.5 0.0 186.2

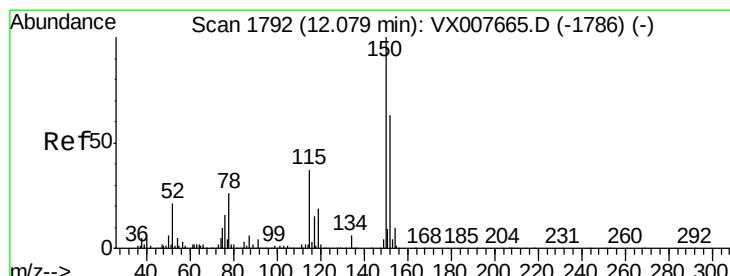
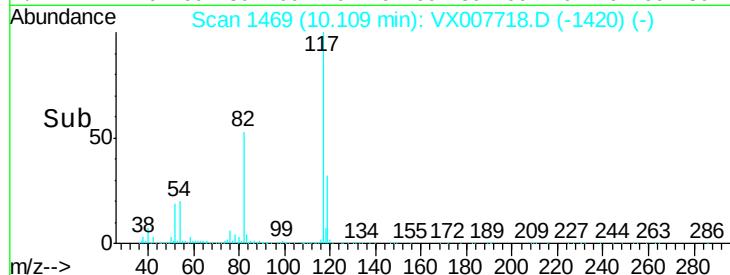
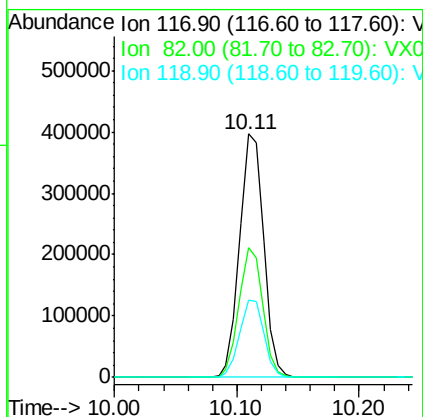
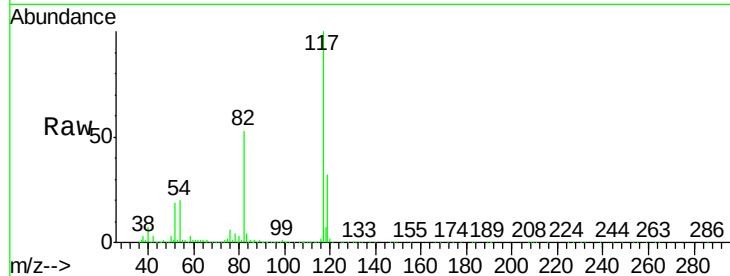




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007718.D
Acq: 26 Feb 2019 17:19

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.1	63.1
119	31.8	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007718.D
Acq: 26 Feb 2019 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	38.0	114.0
150	155.5	0.0	346.4

