

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006888.D
 Acq On : 03 Jan 2019 12:19
 Operator : JC/MD
 Sample : K1029-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06_123118

Quant Time: Jan 04 10:13:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	689683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1030689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	941125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	458010	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	355173	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
35) Dibromofluoromethane	5.50	113	317155	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	1215948	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	430868	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

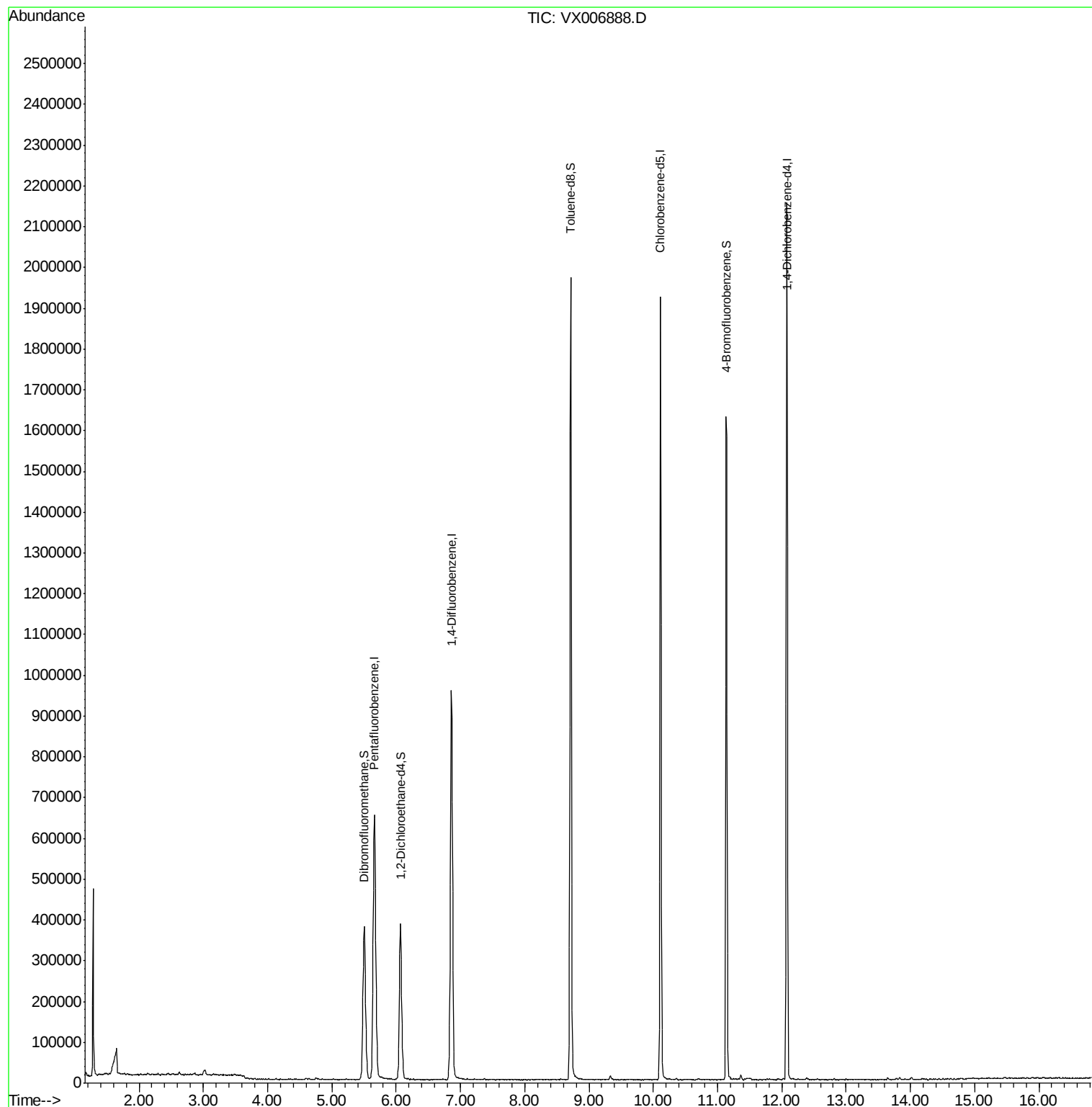
Target Compounds	Qvalue
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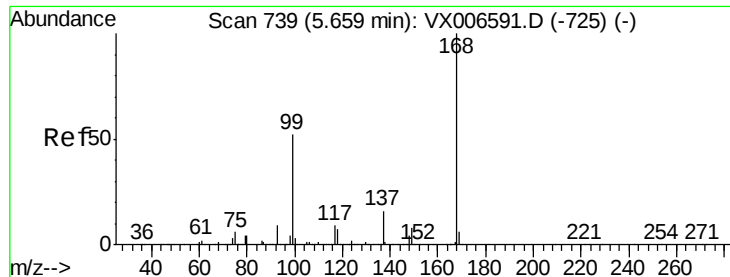
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006888.D

Acq: 03 Jan 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

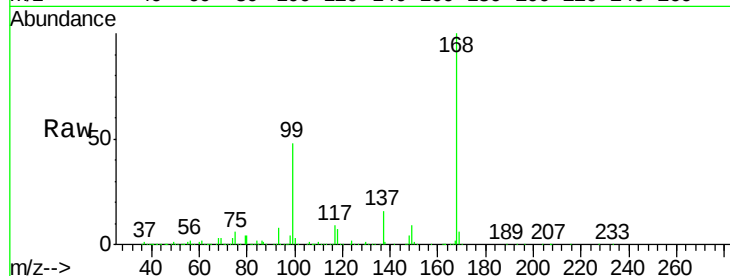
TB06_123118

Tot Ion:168 Resp: 689683

Ion Ratio Lower Upper

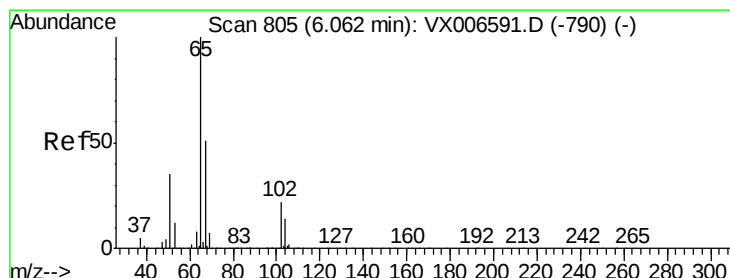
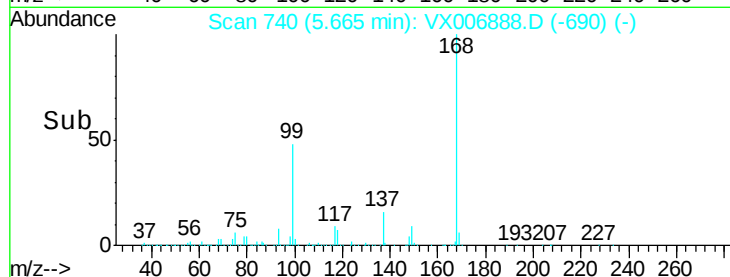
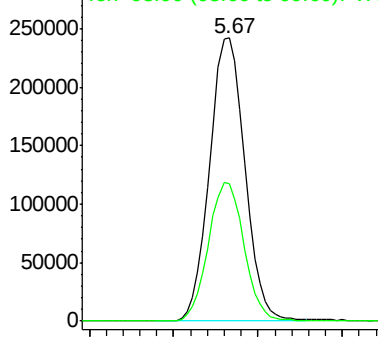
168 100

99 48.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.783 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006888.D

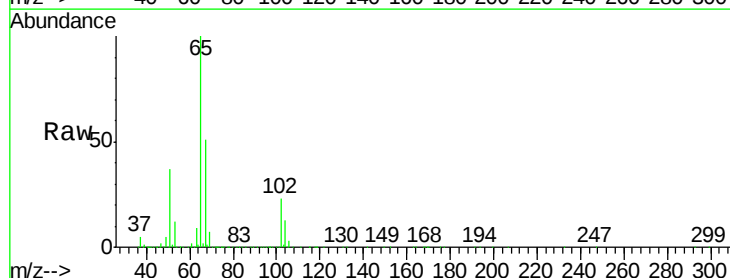
Acq: 03 Jan 2019 12:19

Tgt Ion: 65 Resp: 355173

Ion Ratio Lower Upper

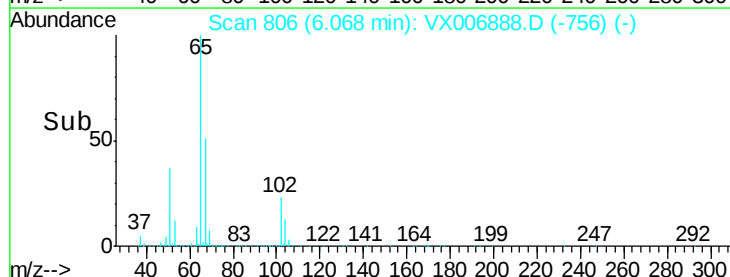
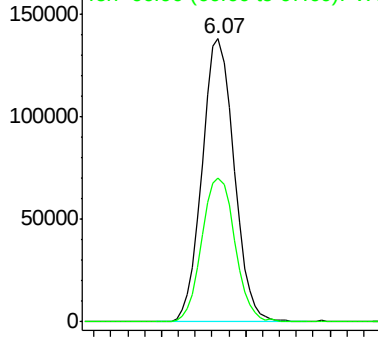
65 100

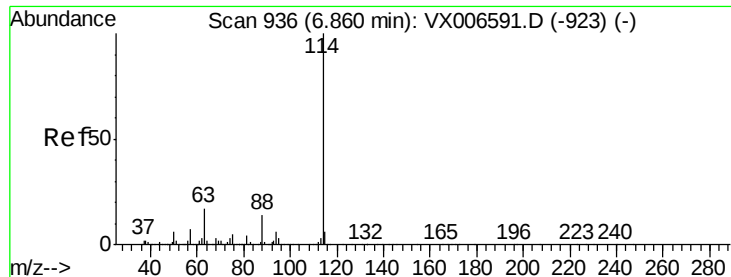
67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006888.D

Acq: 03 Jan 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

TB06_123118

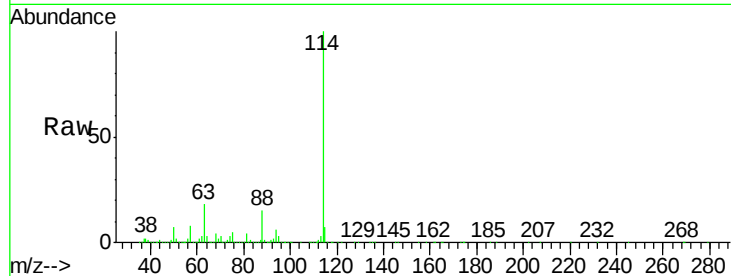
Tot Ion:114 Resp: 1030689

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

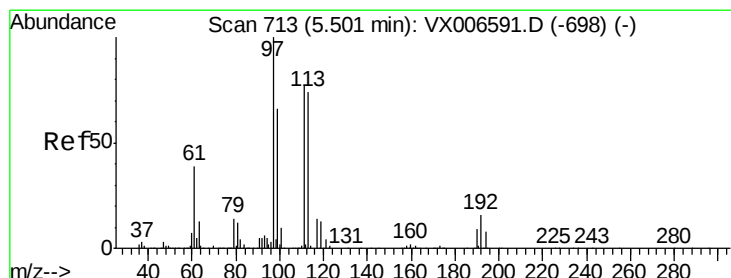
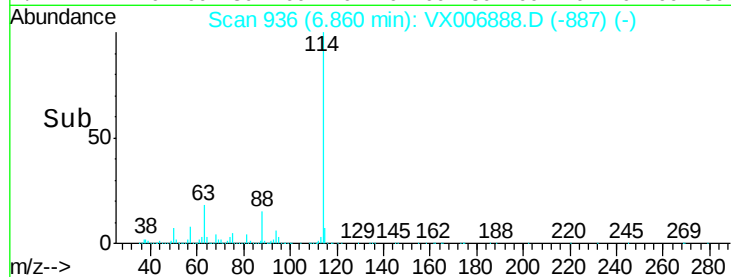
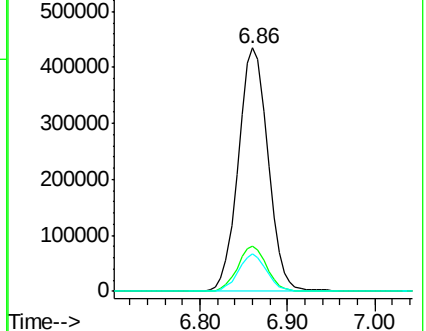
88 15.3 0.0 28.8



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: 48.659 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006888.D

Acq: 03 Jan 2019 12:19

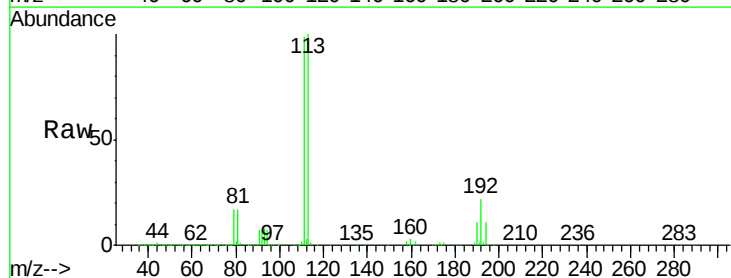
Tgt Ion:113 Resp: 317155

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

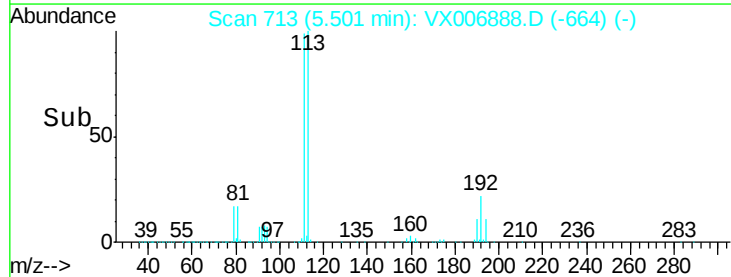
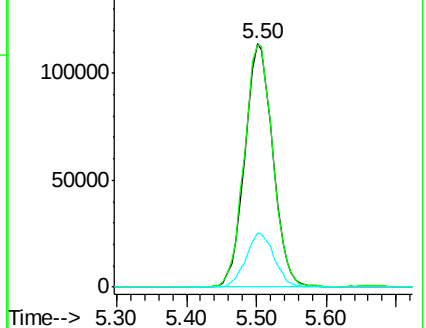
192 22.4 16.7 25.1

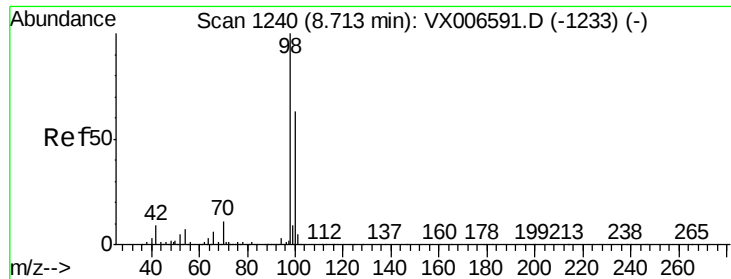


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.484 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006888.D

Acq: 03 Jan 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

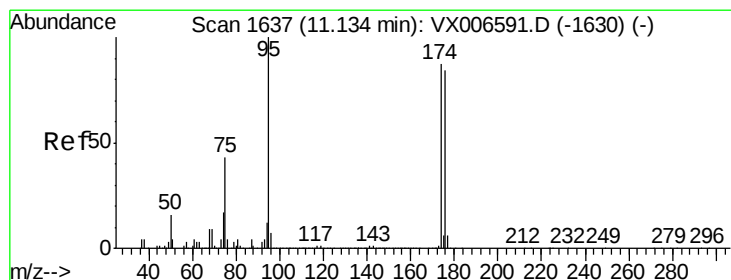
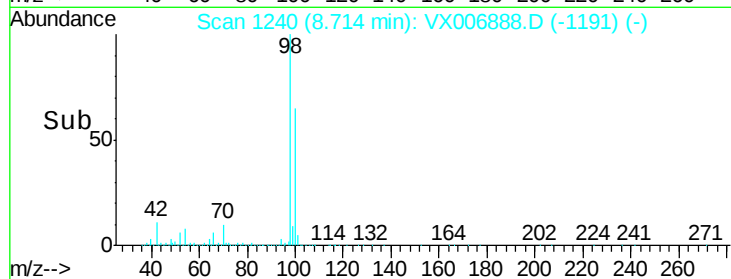
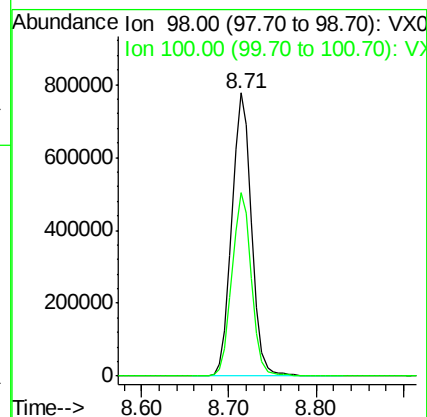
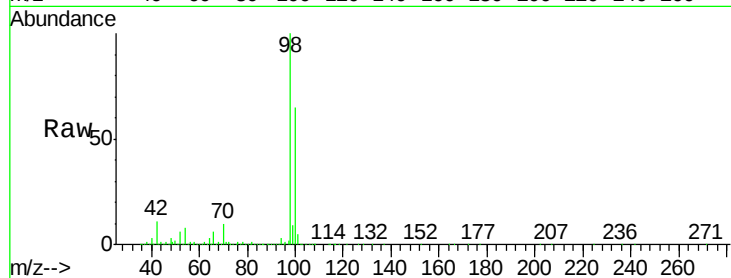
TB06_123118

Tot Ion: 98 Resp: 1215948

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.877 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006888.D

Acq: 03 Jan 2019 12:19

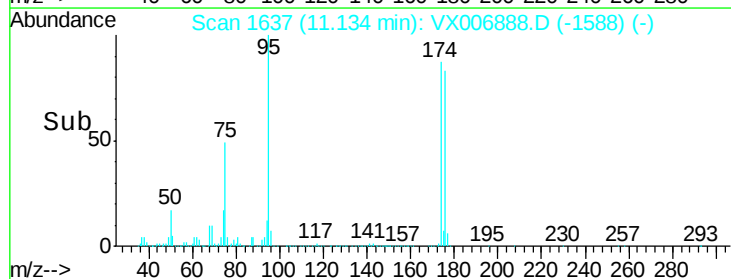
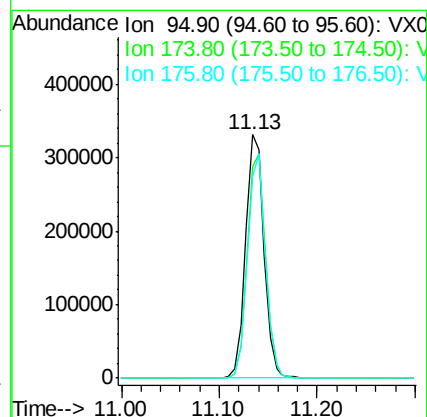
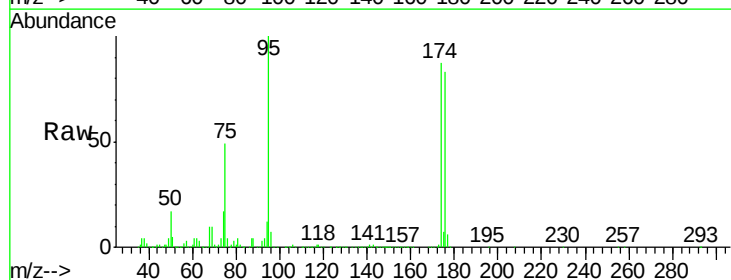
Tgt Ion: 95 Resp: 430868

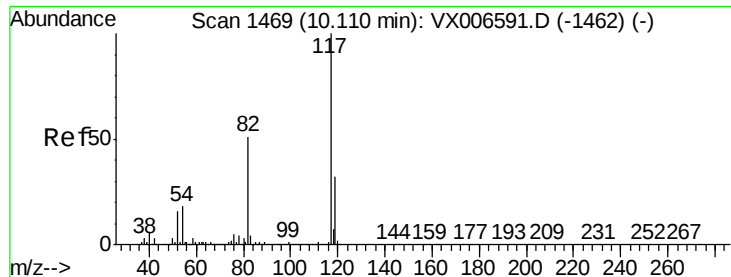
Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

176 90.4 0.0 178.8

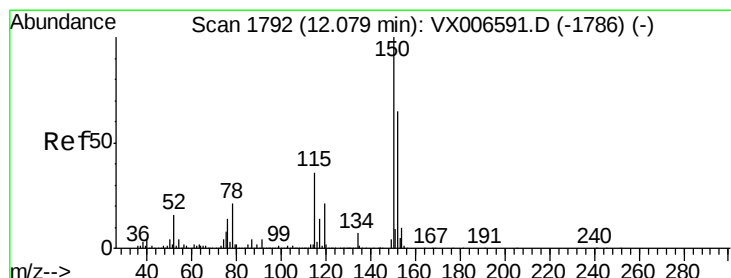
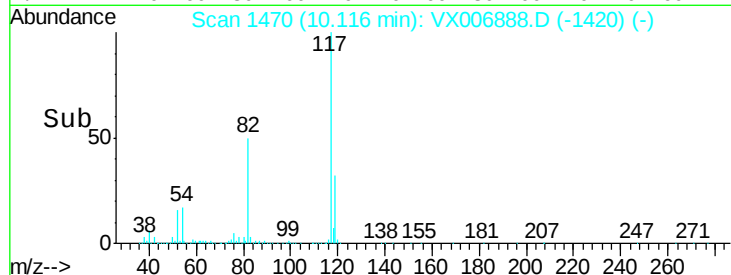
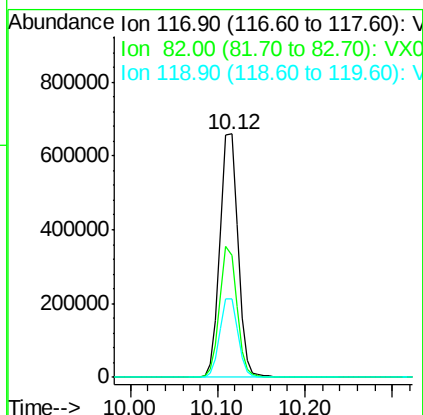
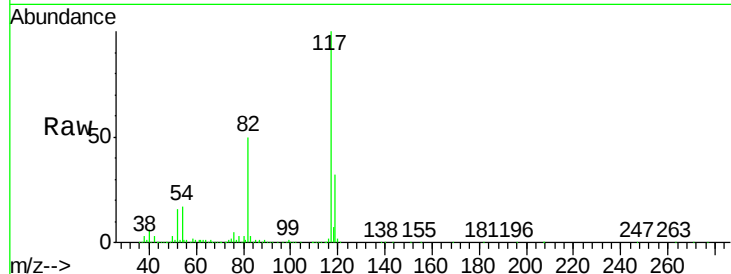




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006888.D
Acq: 03 Jan 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
TB06_123118

Tot Ion:117 Resp: 941125
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.6
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006888.D
Acq: 03 Jan 2019 12:19

Tgt Ion:152 Resp: 458010
Ion Ratio Lower Upper
152 100
115 55.4 39.1 117.2
150 157.2 0.0 344.8

