

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007176.D
 Acq On : 22 Jan 2019 12:49
 Operator : JC/SP
 Sample : K1215-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB05-20190118

Quant Time: Jan 23 00:44:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	549313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	838493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	795878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	394722	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	293209	51.07	ug/l	0.00
Spiked Amount						
			Recovery	=	102.14%	
35) Dibromofluoromethane	5.50	113	262051	48.80	ug/l	0.00
Spiked Amount						
			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	1002766	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	365764	53.38	ug/l	0.00
Spiked Amount						
			Recovery	=	106.76%	

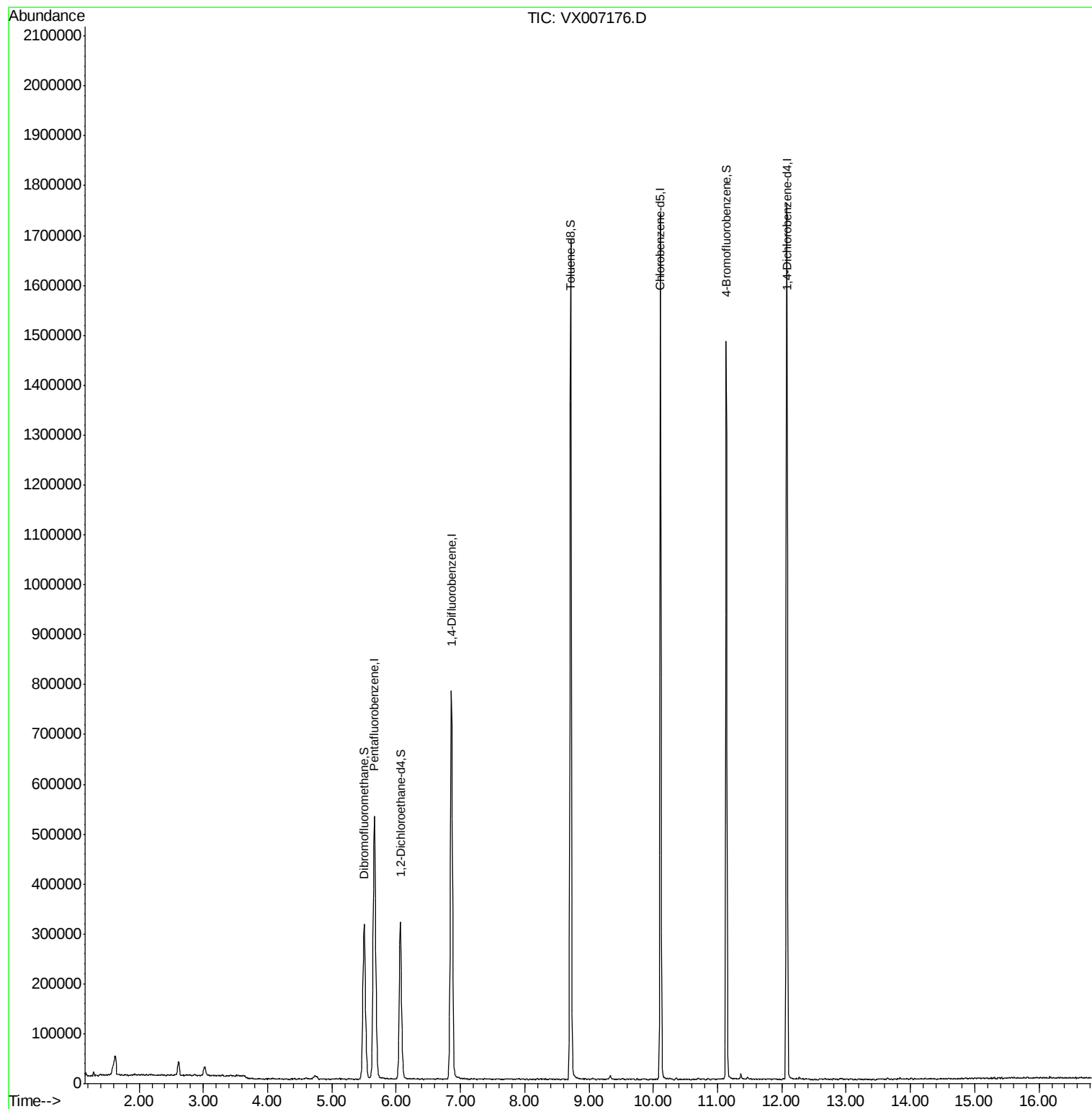
Target Compounds	Qvalue

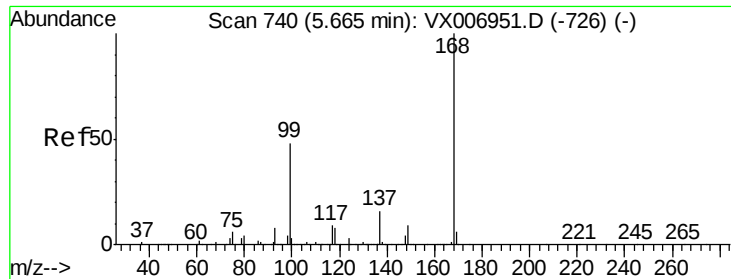
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

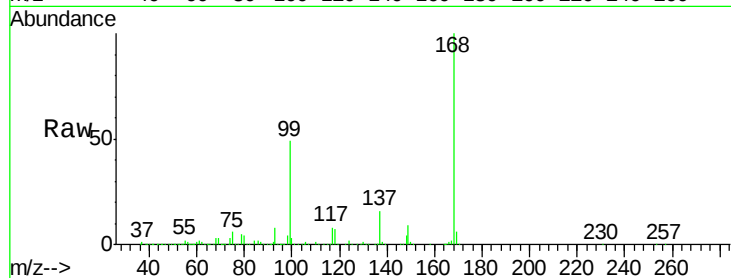
EB05-20190118

Tot Ion:168 Resp: 549313

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

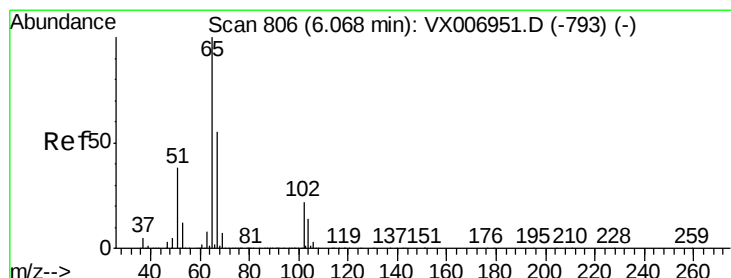
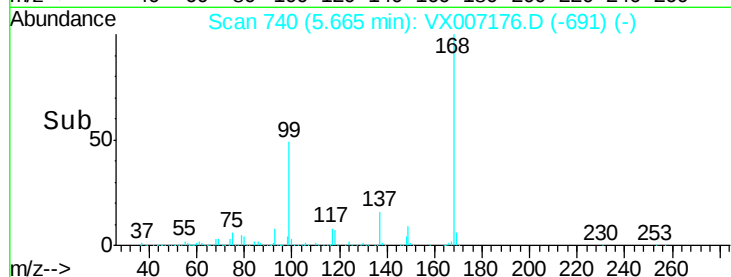
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.075 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007176.D

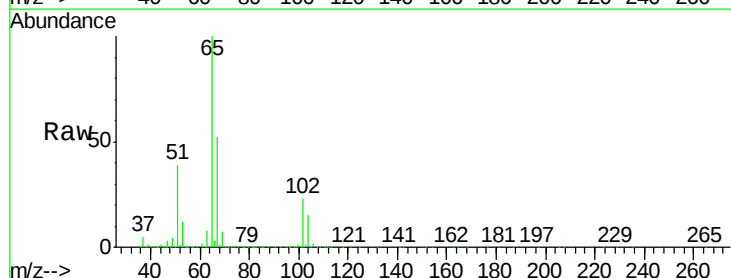
Acq: 22 Jan 2019 12:49

Tgt Ion: 65 Resp: 293209

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

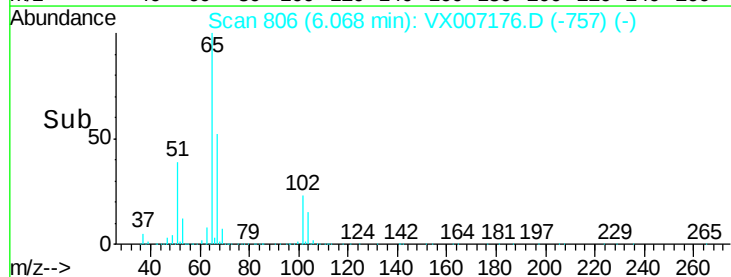
60000

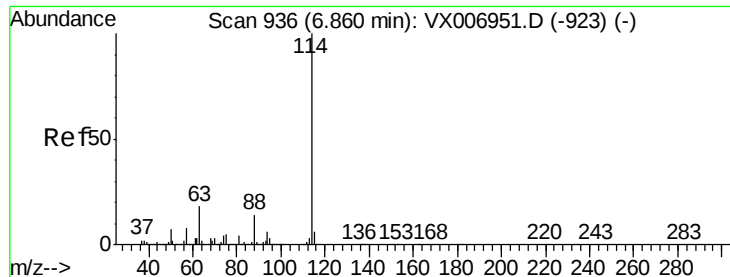
40000

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: VX007176.D

Acq: 22 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

EB05-20190118

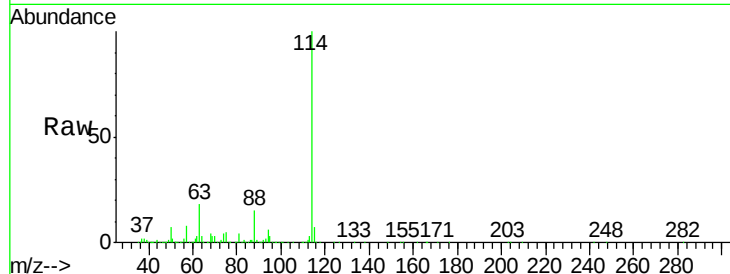
Tot Ion:114 Resp: 838493

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

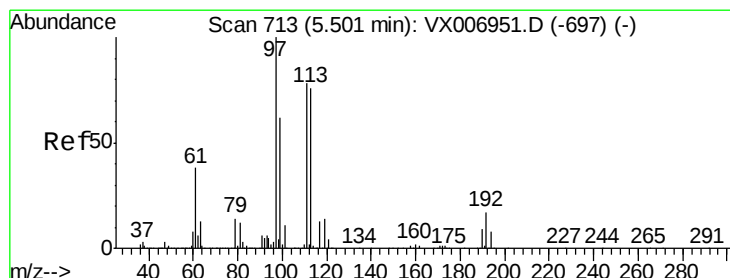
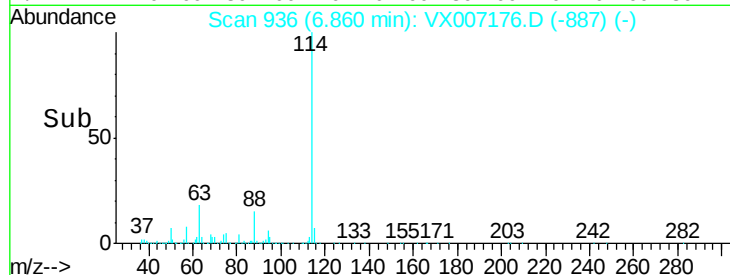
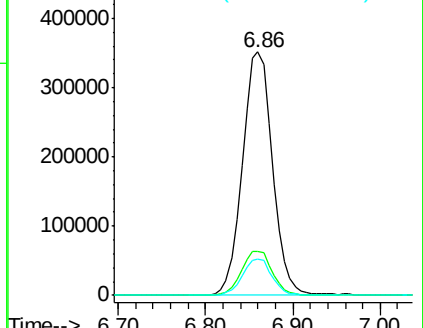
88 15.1 0.0 28.8



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: 48.802 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007176.D

Acq: 22 Jan 2019 12:49

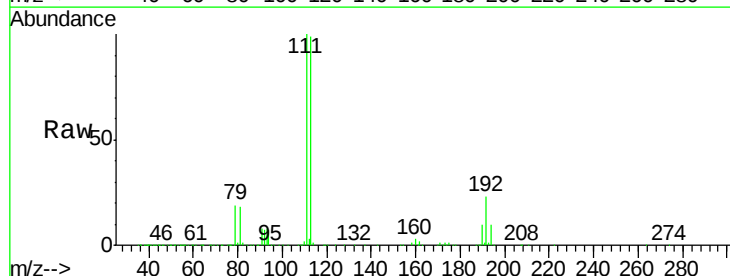
Tgt Ion:113 Resp: 262051

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

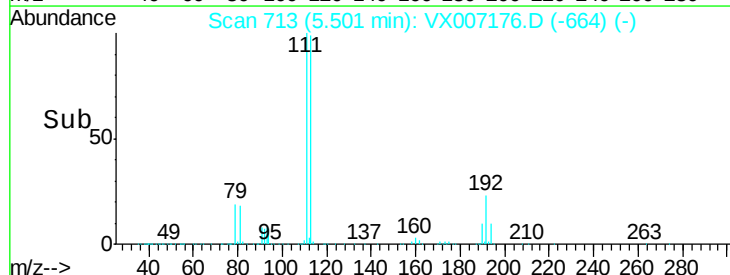
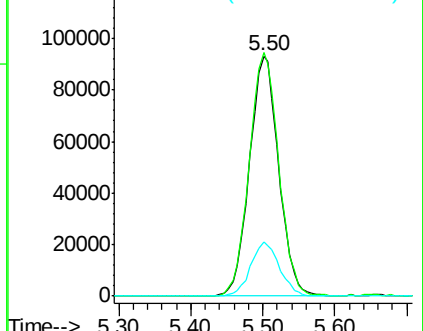
192 22.3 16.7 25.1

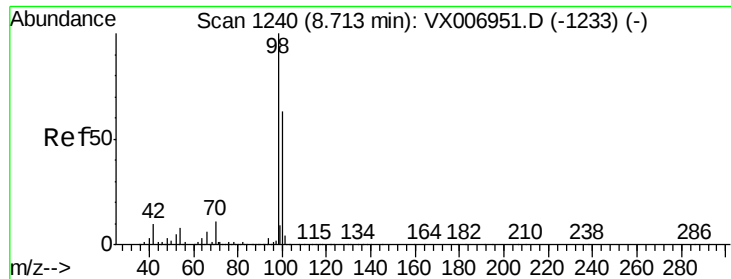


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

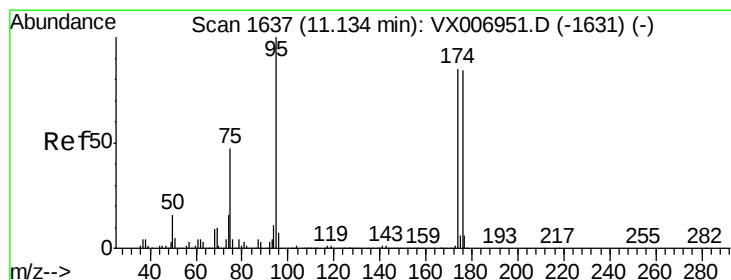
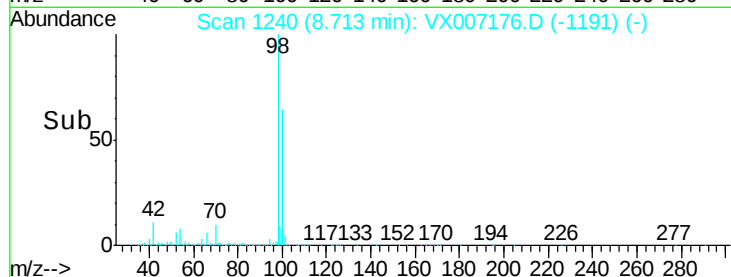
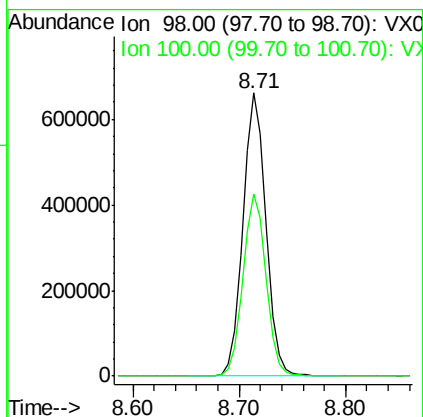
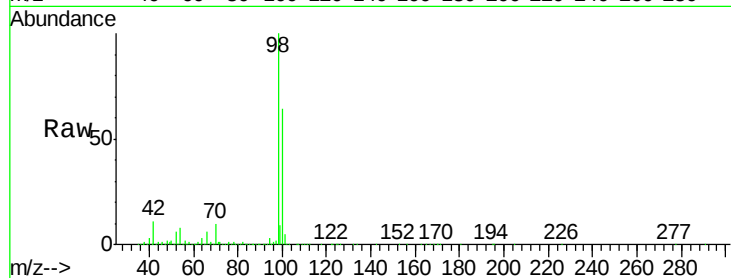




#50
Toluene-d8
Concen: 51.019 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007176.D
Acq: 22 Jan 2019 12:49

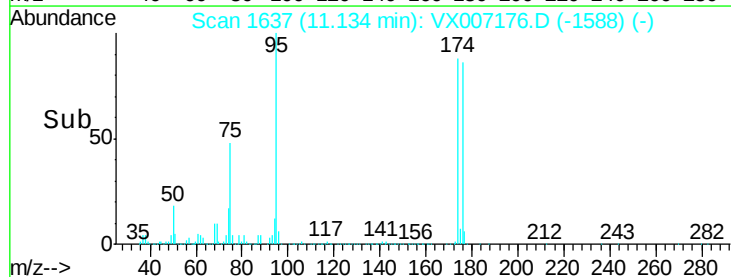
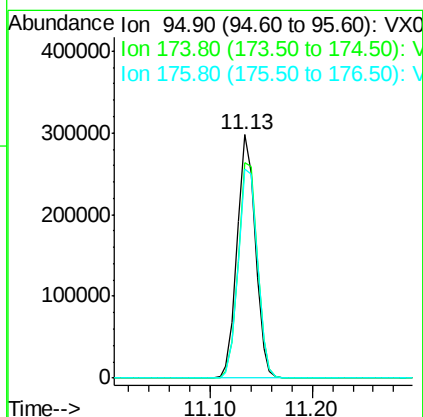
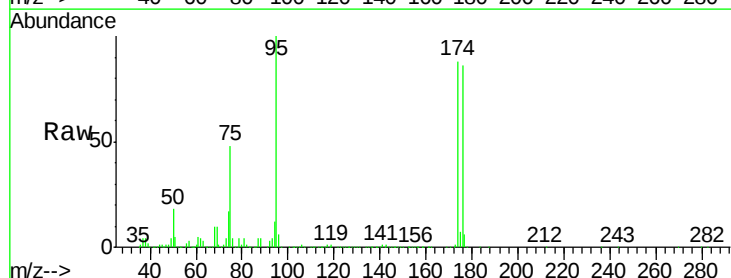
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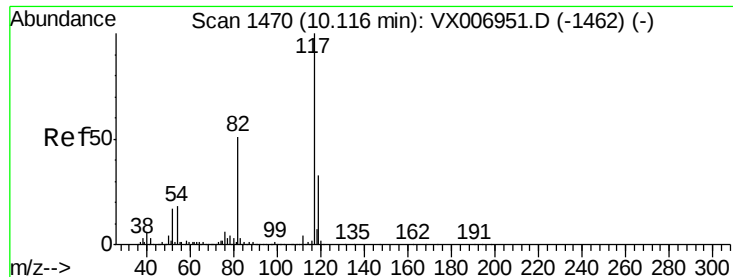
Tot Ion: 98 Resp: 1002766
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.380 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007176.D
Acq: 22 Jan 2019 12:49

Tgt Ion: 95 Resp: 365764
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.2
176 90.7 0.0 178.8

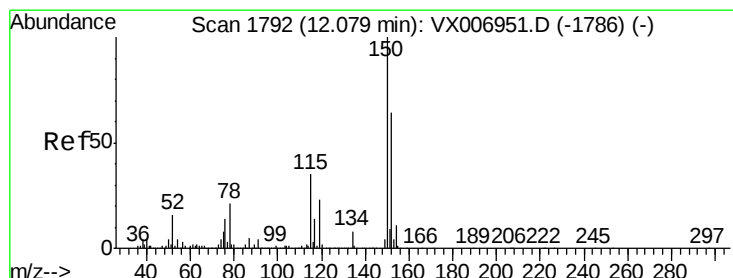
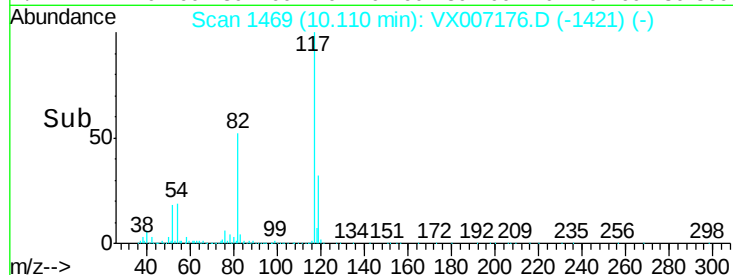
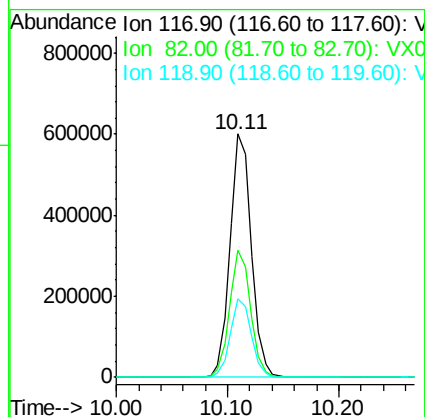
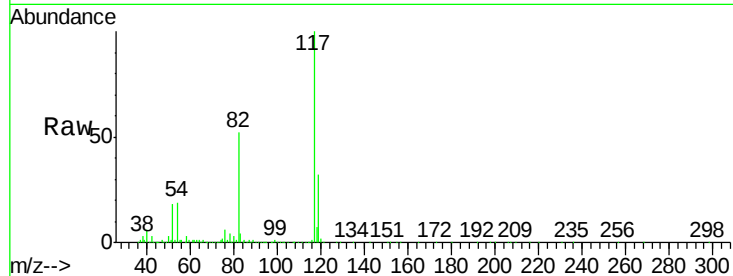




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007176.D
Acq: 22 Jan 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
EB05-20190118

Tot Ion:117 Resp: 795878
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.6
119 32.3 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: VX007176.D
Acq: 22 Jan 2019 12:49

Tgt Ion:152 Resp: 394722
Ion Ratio Lower Upper
152 100
115 54.5 39.1 117.2
150 156.0 0.0 344.8

