

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006365.D
 Acq On : 10 Dec 2018 13:05
 Operator : JC/MD
 Sample : J6288-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TB03-20181205

Quant Time: Dec 11 04:17:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	862791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1292059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1162337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	568706	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	418608	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	5.50	113	406246	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	8.71	98	1490375	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	550365	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

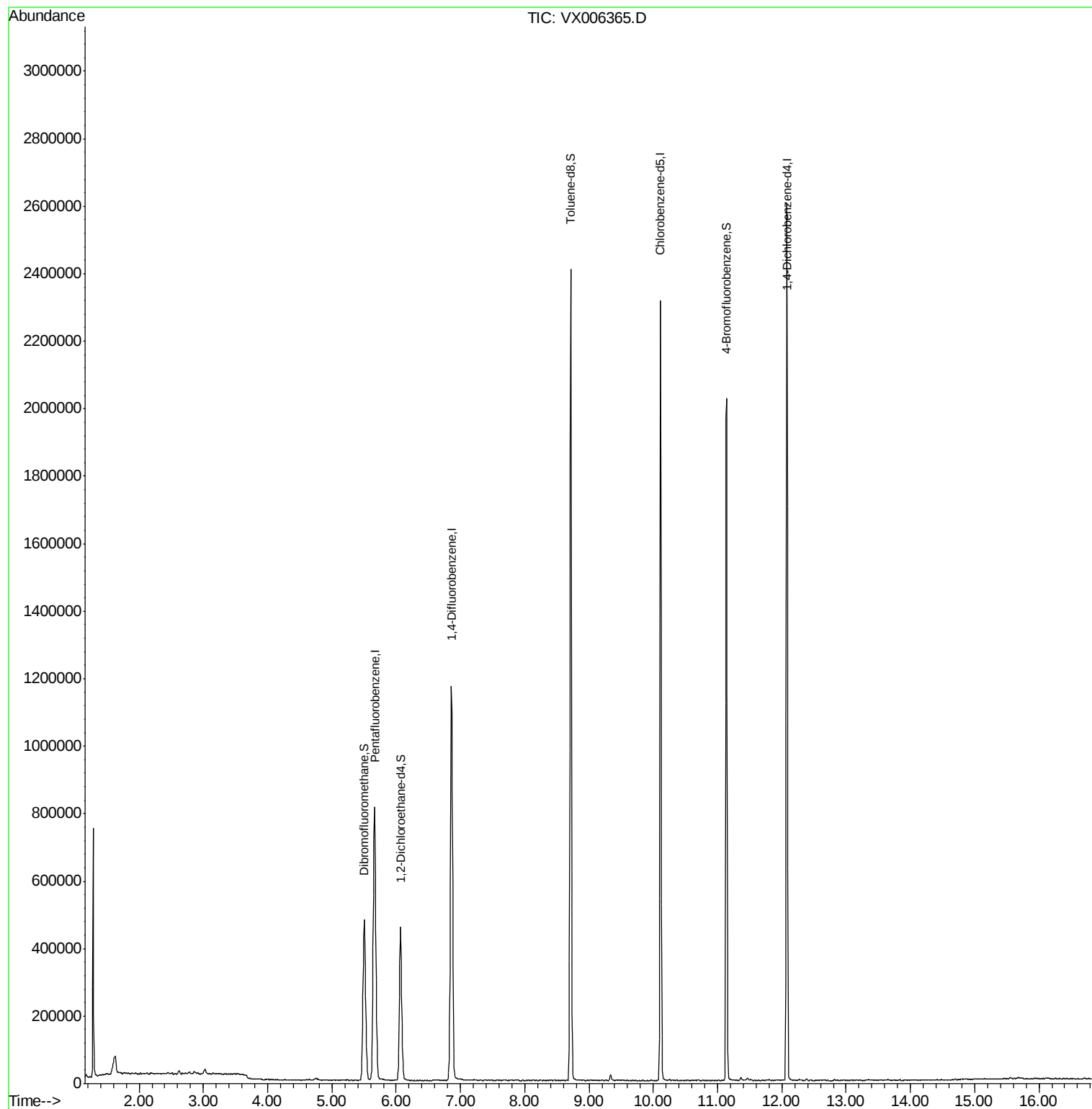
Target Compounds	Qvalue

(#) = 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

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

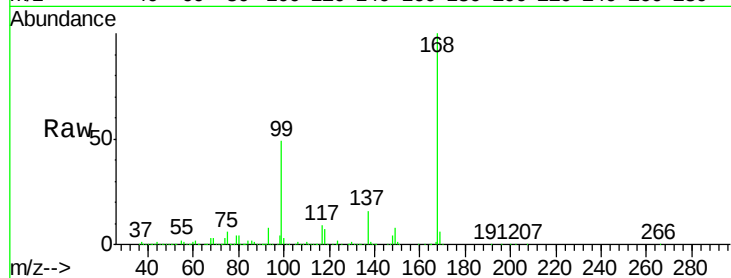
BPS1-TB03-20181205

Tot Ion:168 Resp: 862791

Ion Ratio Lower Upper

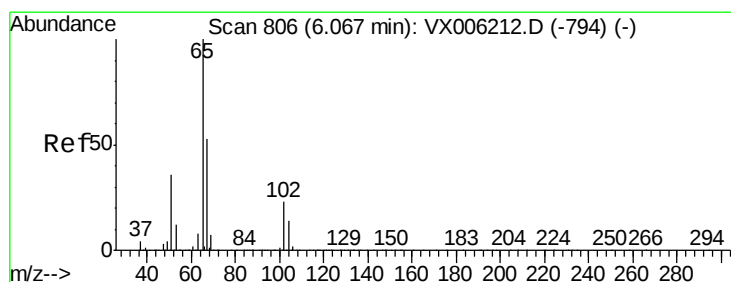
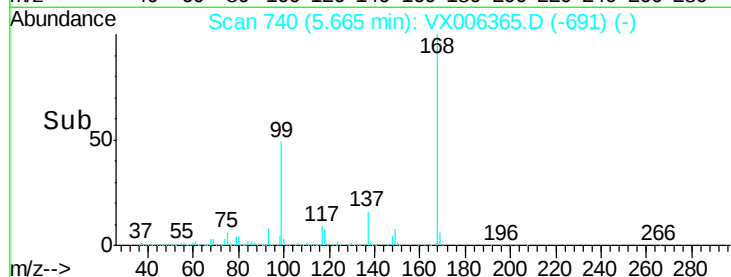
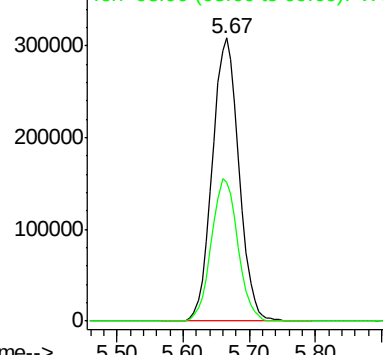
168 100

99 48.9 37.8 56.8



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: 47.527 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006365.D

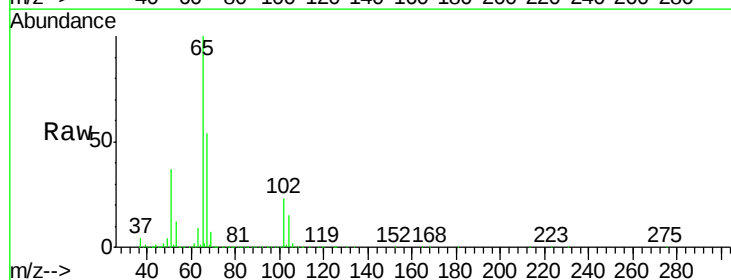
Acq: 10 Dec 2018 13:05

Tgt Ion: 65 Resp: 418608

Ion Ratio Lower Upper

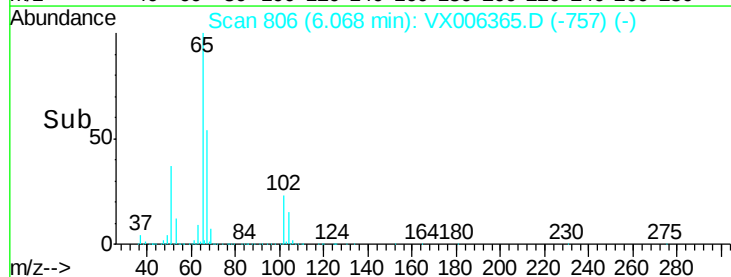
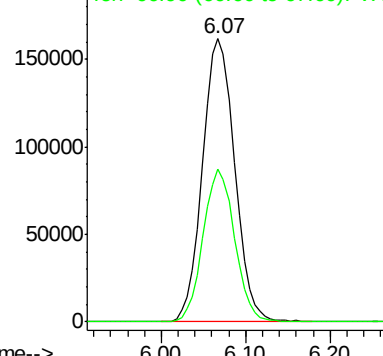
65 100

67 52.9 0.0 107.2



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: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TB03-20181205

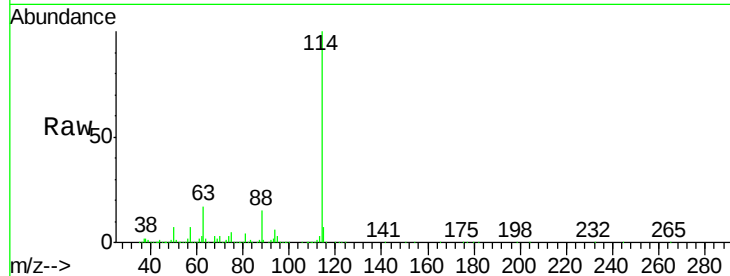
Tot Ion:114 Resp: 1292059

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

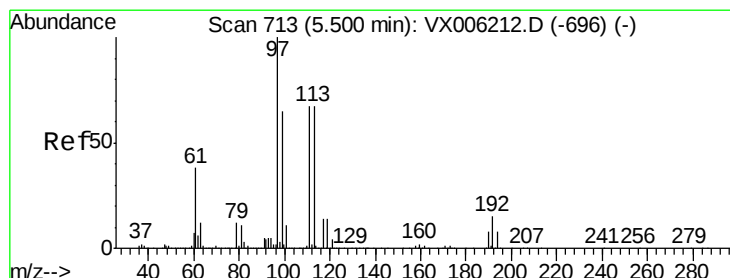
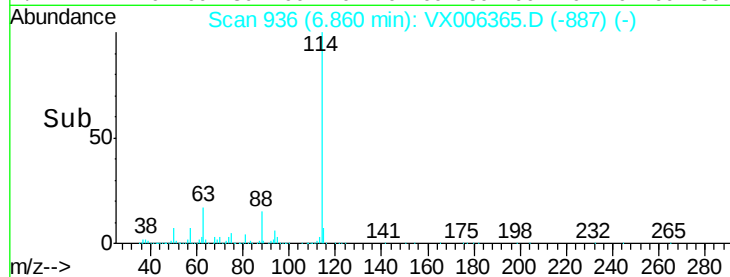
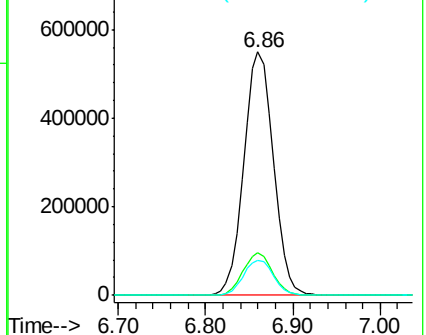
88 14.5 0.0 29.0



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: 48.562 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

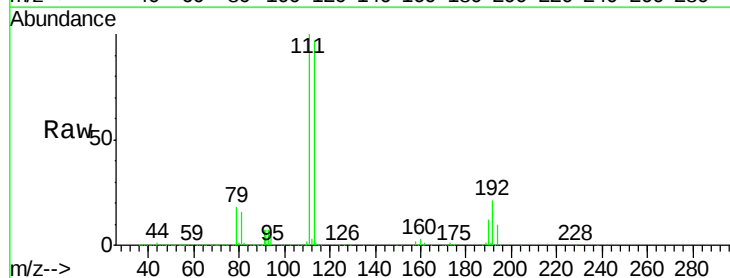
Tgt Ion:113 Resp: 406246

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

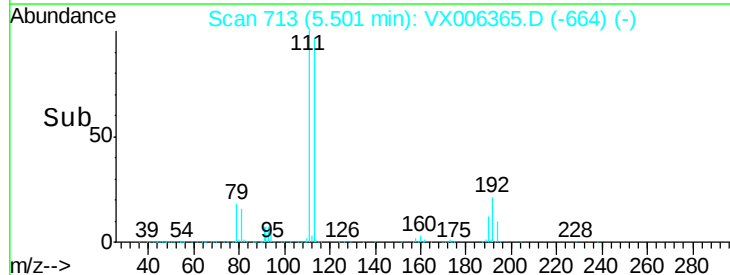
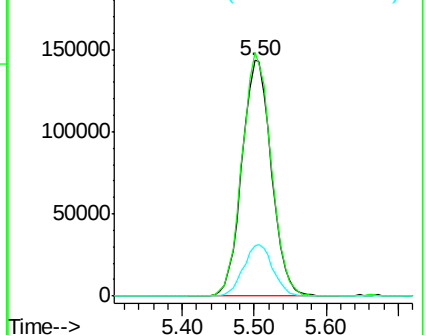
192 22.0 18.2 27.2

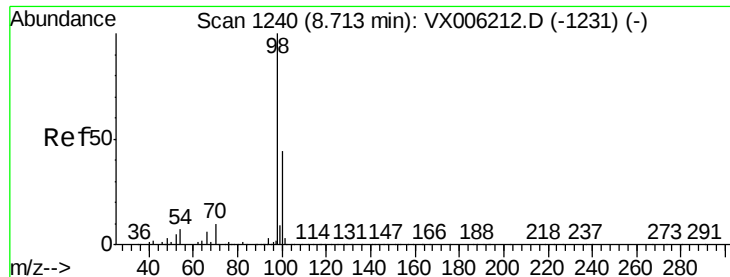


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.979 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

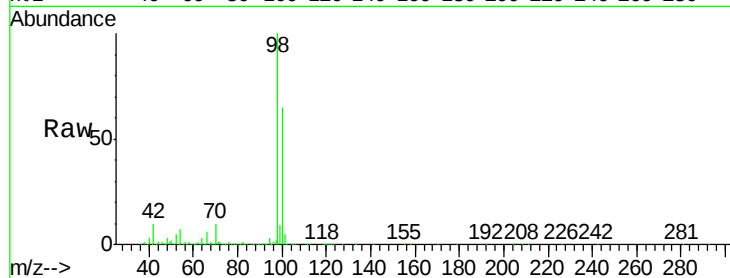
BPS1-TB03-20181205

Tot Ion: 98 Resp: 1490375

Ion Ratio Lower Upper

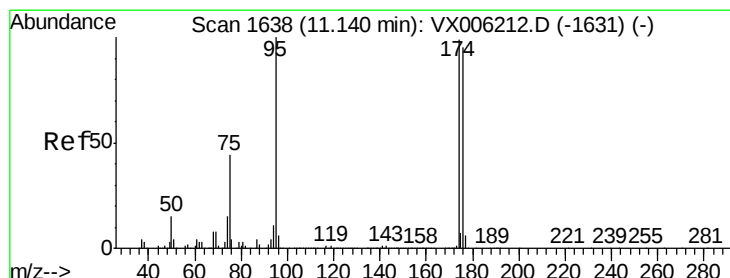
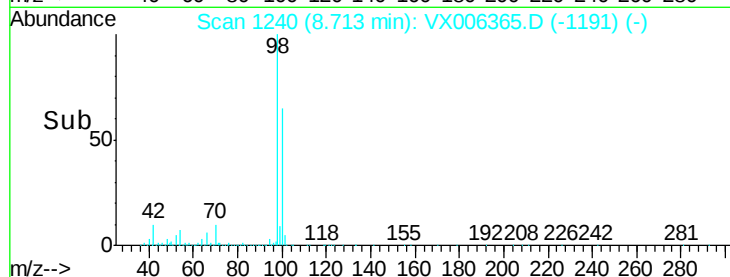
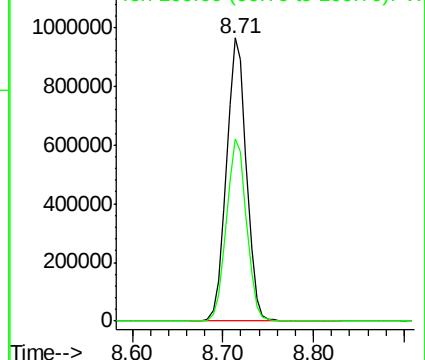
98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006365.D

Acq: 10 Dec 2018 13:05

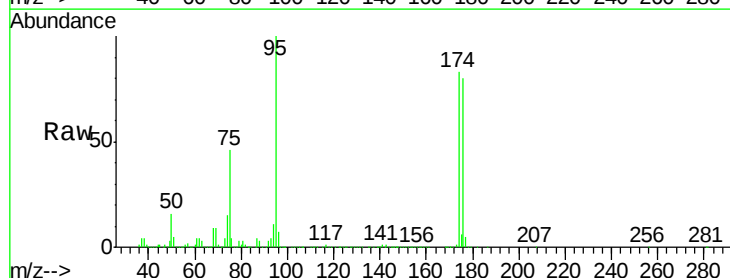
Tgt Ion: 95 Resp: 550365

Ion Ratio Lower Upper

95 100

174 90.4 0.0 187.0

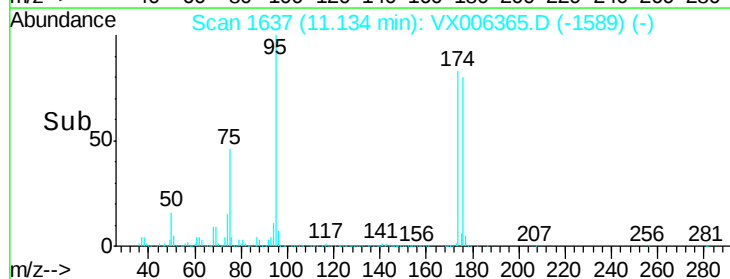
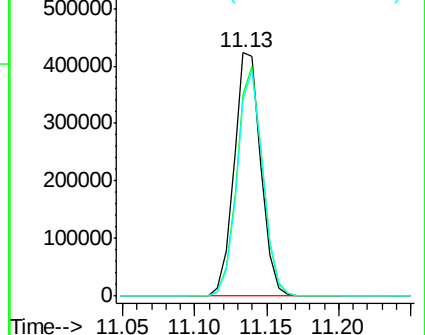
176 88.7 0.0 181.8

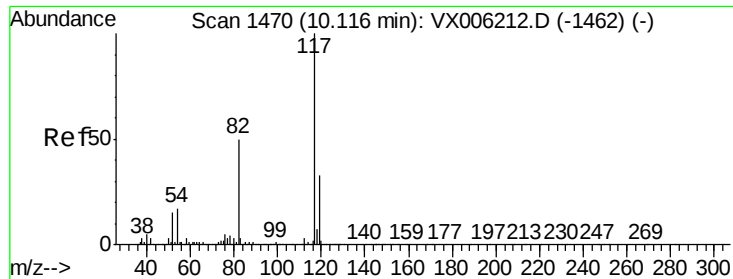


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

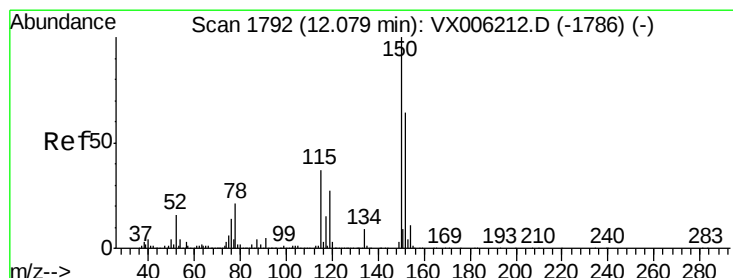
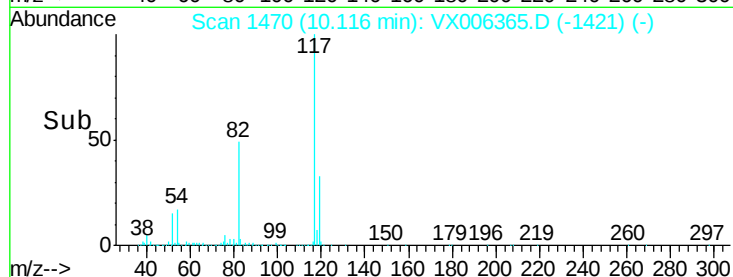
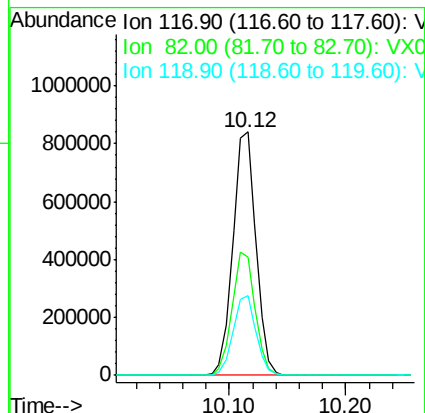
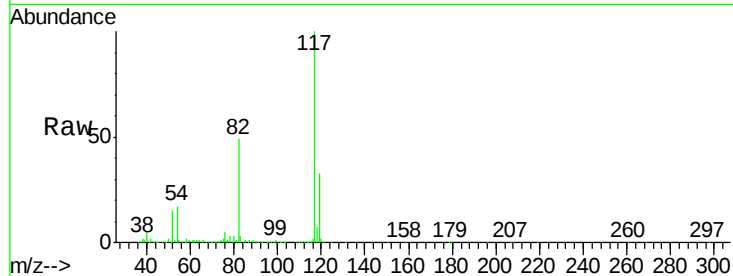




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TB03-20181205

Tot Ion:117 Resp: 1162337
Ion Ratio Lower Upper
117 100
82 48.6 39.6 59.4
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006365.D
Acq: 10 Dec 2018 13:05

Tgt Ion:152 Resp: 568706
Ion Ratio Lower Upper
152 100
115 55.4 39.0 116.9
150 156.4 0.0 345.8

