

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006326.D
 Acq On : 06 Dec 2018 18:43
 Operator : JC/MD
 Sample : J6259-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305S-20181205

Quant Time: Dec 07 05:53:55 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	759934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1169860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1062293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	513162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	387883	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	364012	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	1373755	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	504657	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

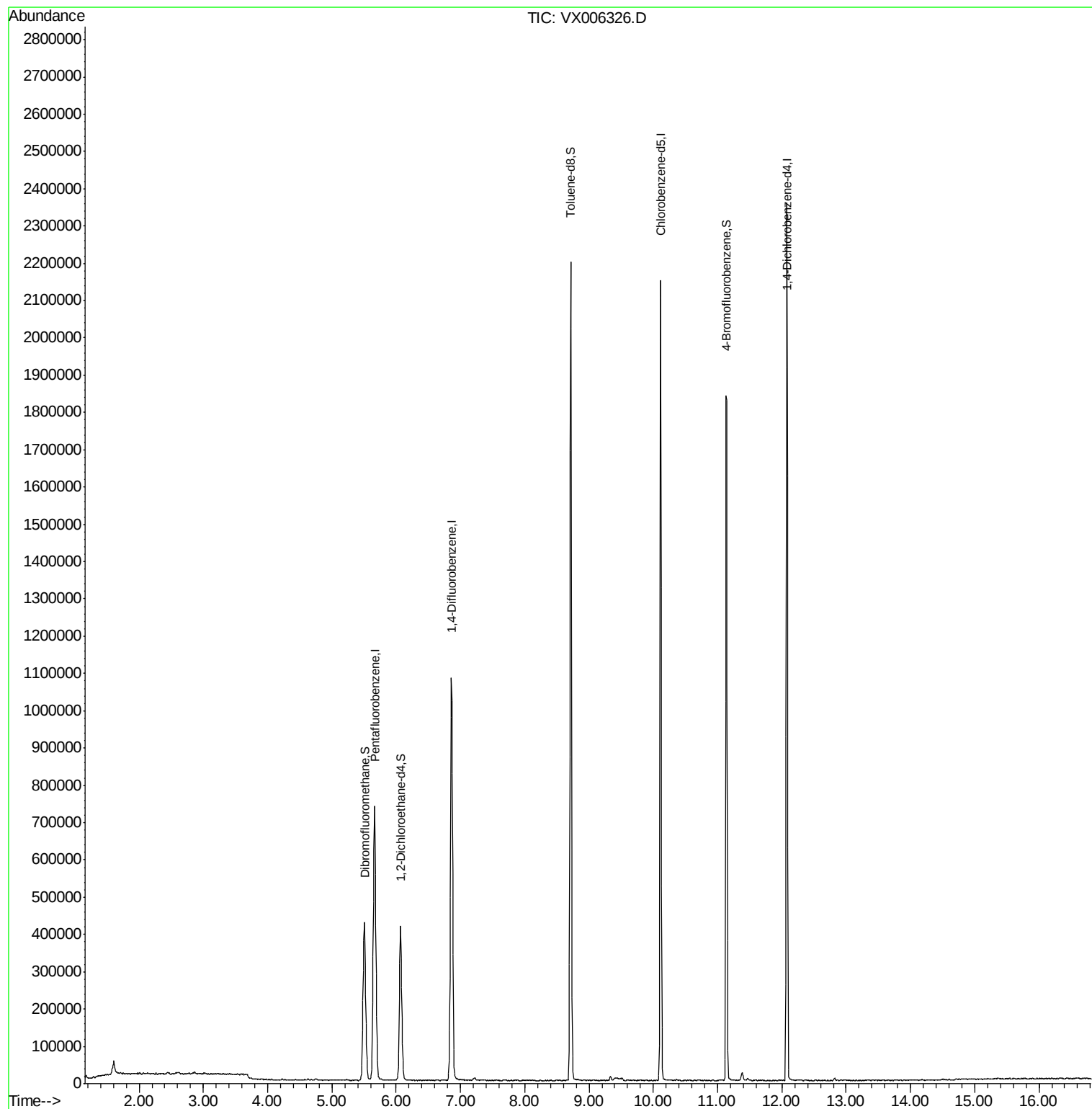
Target Compounds	Qvalue

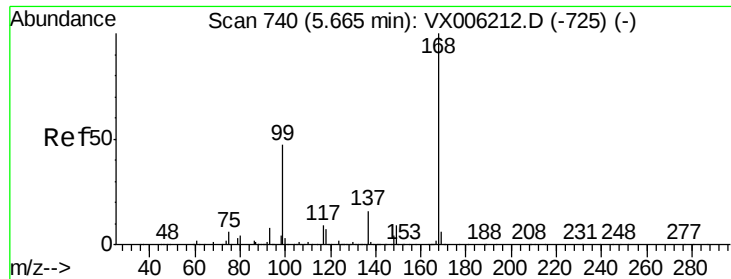
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006326.D

Acq: 06 Dec 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

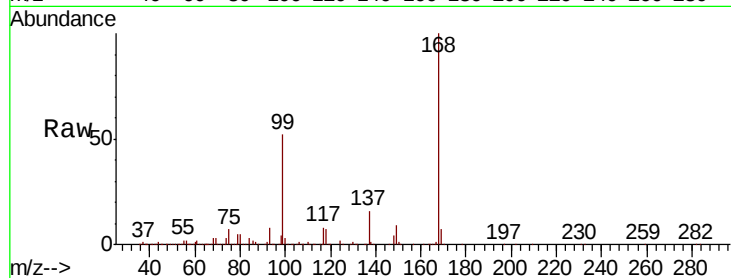
BPS1-TT-MW305S-20181205

Tot Ion:168 Resp: 759934

Ion Ratio Lower Upper

168 100

99 52.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

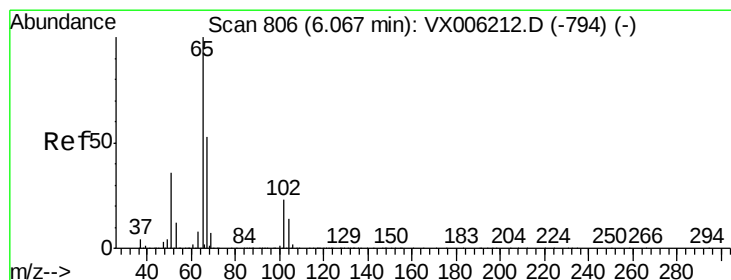
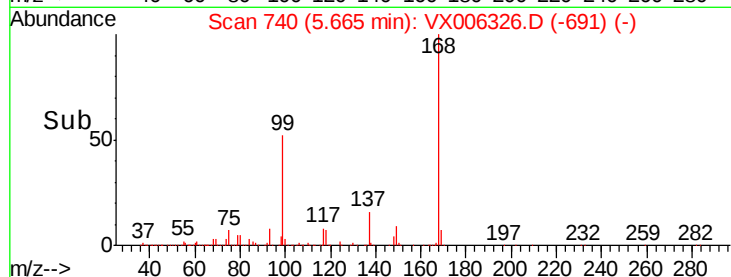
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.000 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006326.D

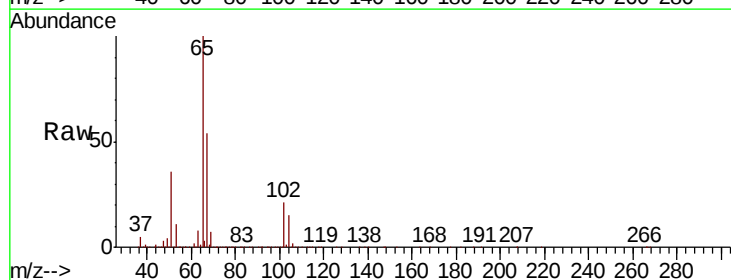
Acq: 06 Dec 2018 18:43

Tgt Ion: 65 Resp: 387883

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

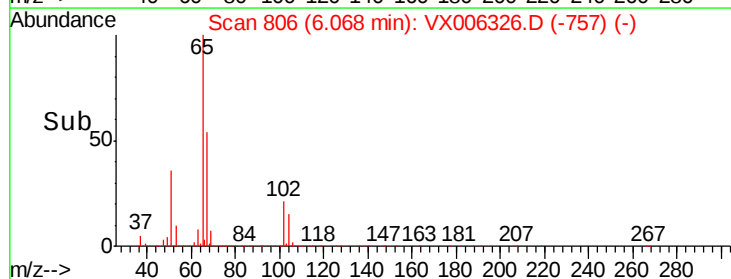
150000

100000

50000

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: VX006326.D

Acq: 06 Dec 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305S-20181205

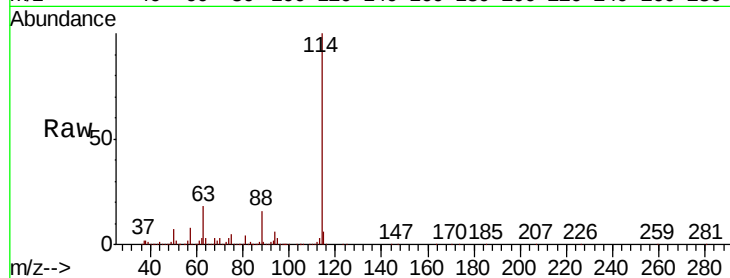
Tot Ion:114 Resp: 1169860

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

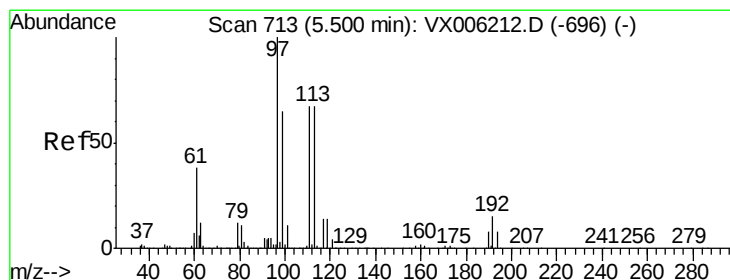
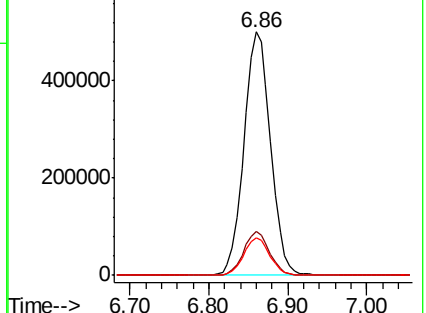
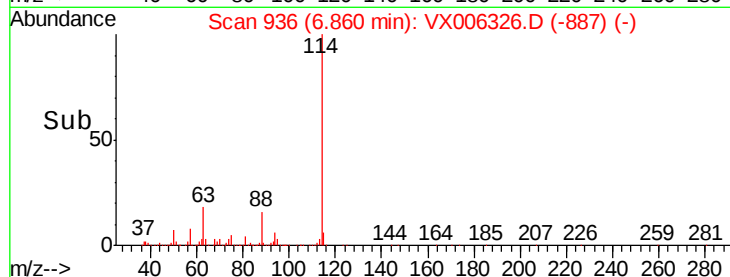
88 15.5 0.0 29.0



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: 48.058 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006326.D

Acq: 06 Dec 2018 18:43

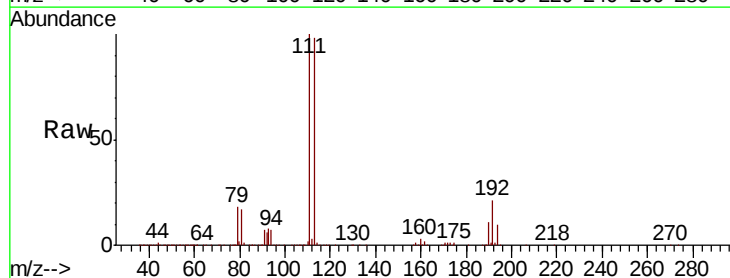
Tgt Ion:113 Resp: 364012

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

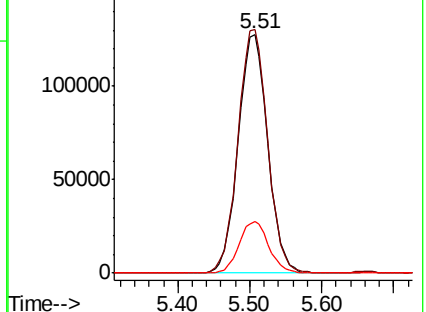
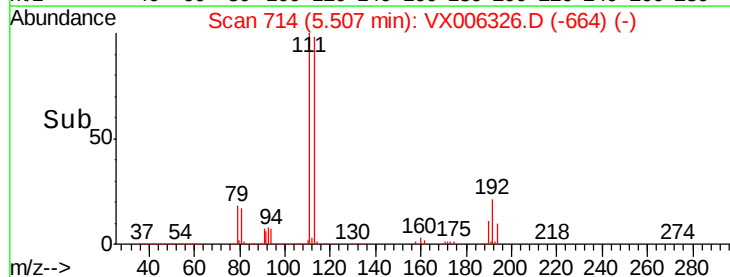
192 21.7 18.2 27.2



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

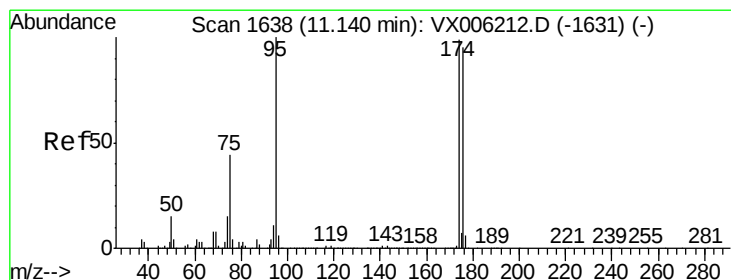
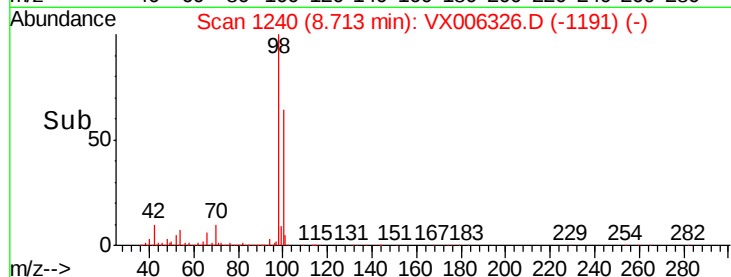
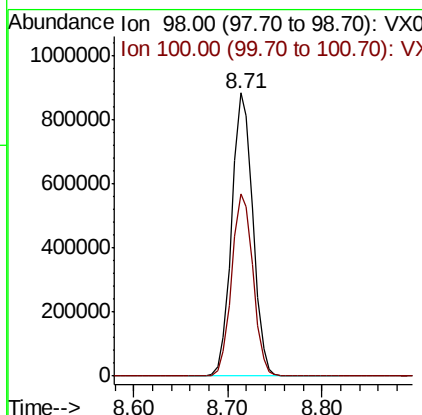
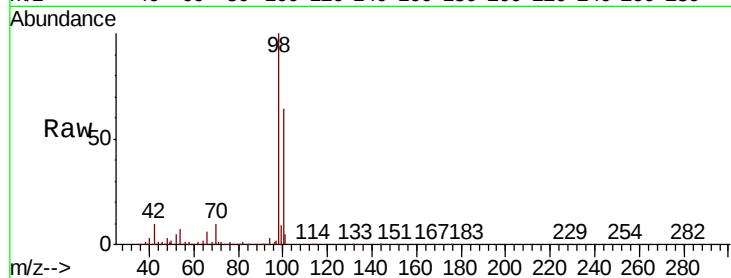




#50
Toluene-d8
Concen: 49.862 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006326.D
Acq: 06 Dec 2018 18:43

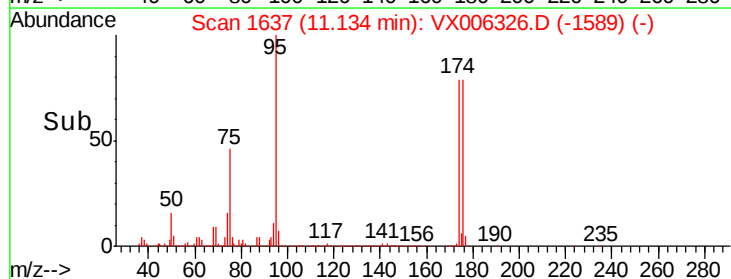
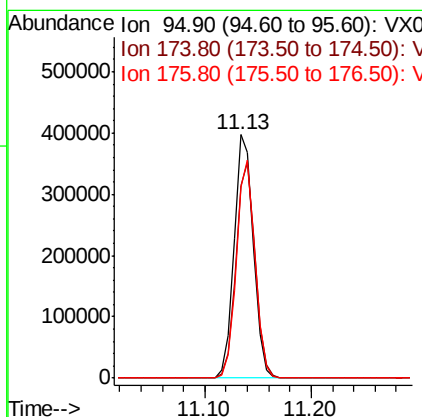
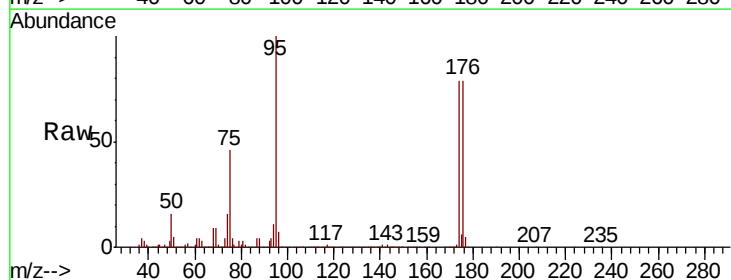
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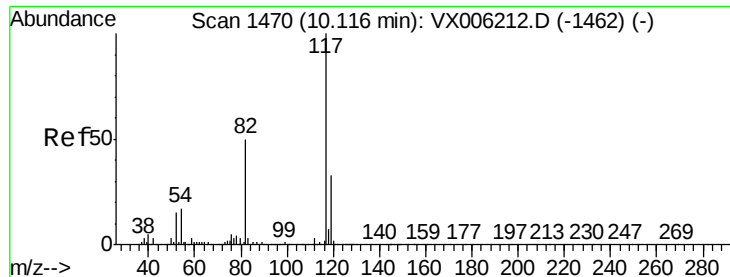
Tot Ion: 98 Resp: 1373755
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.608 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006326.D
Acq: 06 Dec 2018 18:43

Tgt Ion: 95 Resp: 504657
Ion Ratio Lower Upper
95 100
174 88.1 0.0 187.0
176 86.5 0.0 181.8

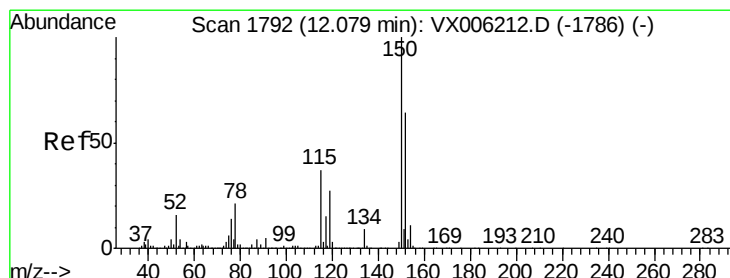
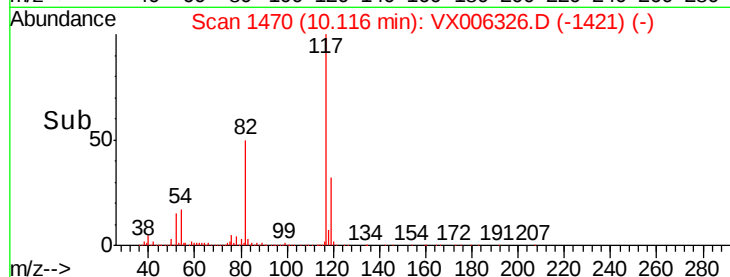
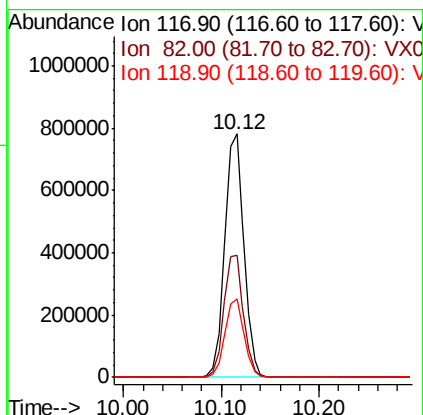
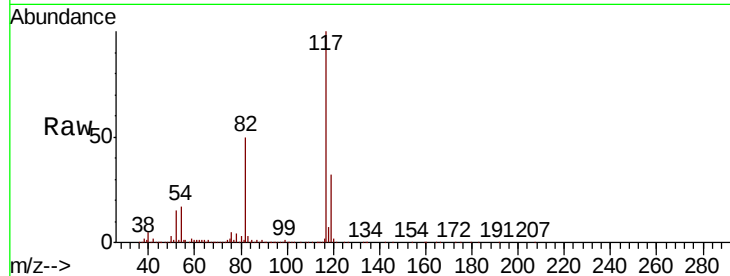




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006326.D
Acq: 06 Dec 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305S-20181205

Tot Ion:117 Resp: 1062293
Ion Ratio Lower Upper
117 100
82 50.2 39.6 59.4
119 32.2 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: VX006326.D
Acq: 06 Dec 2018 18:43

Tgt Ion:152 Resp: 513162
Ion Ratio Lower Upper
152 100
115 55.9 39.0 116.9
150 155.0 0.0 345.8

