

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008264.D
 Acq On : 21 Mar 2019 01:12
 Operator : JC/SP
 Sample : K1900-15RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301S-20190313RE

Quant Time: Mar 22 07:50:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	336254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	555709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	236361	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	5.50	113	174555	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	685441	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	218389	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

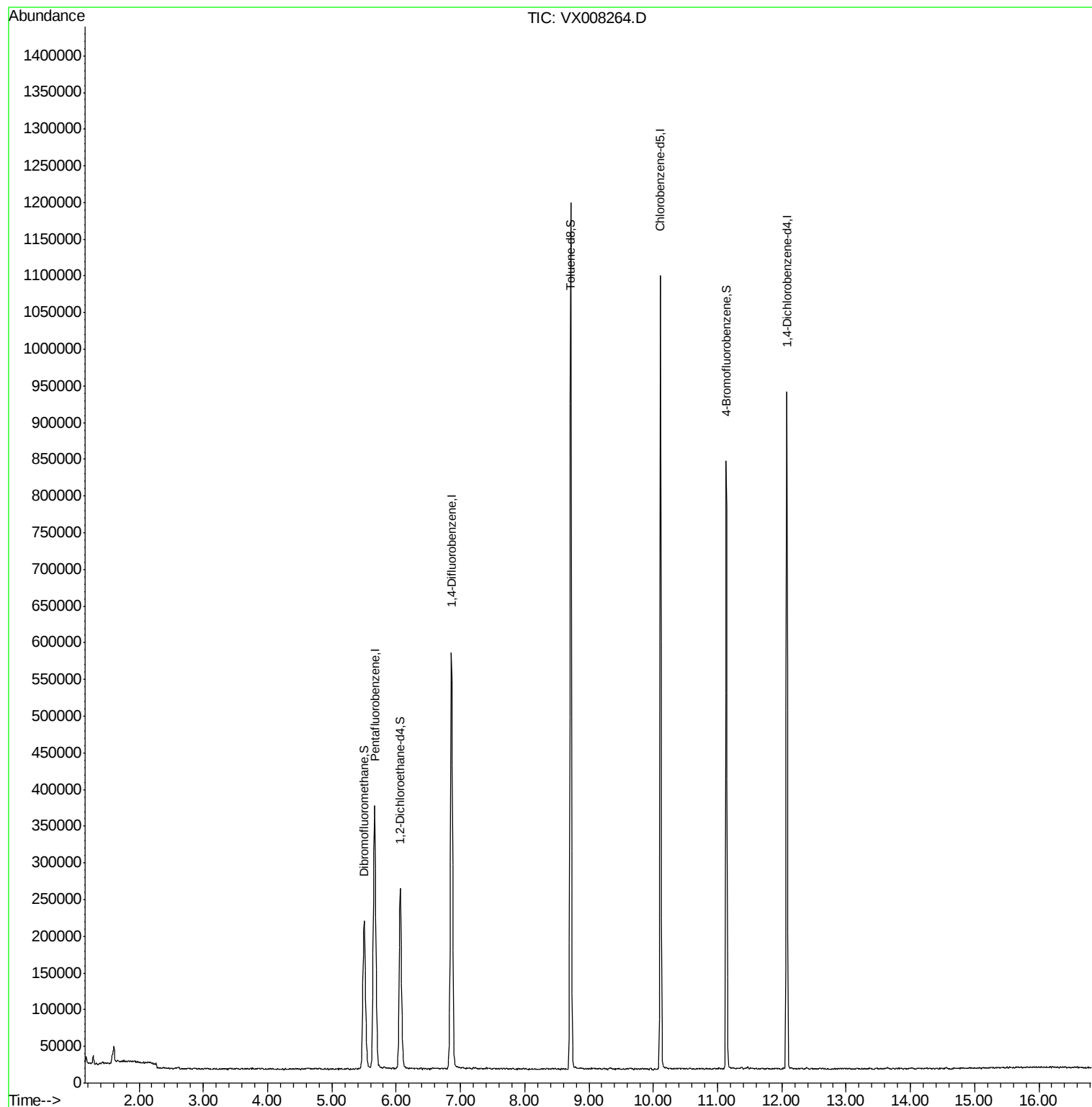
Target Compounds	Qvalue
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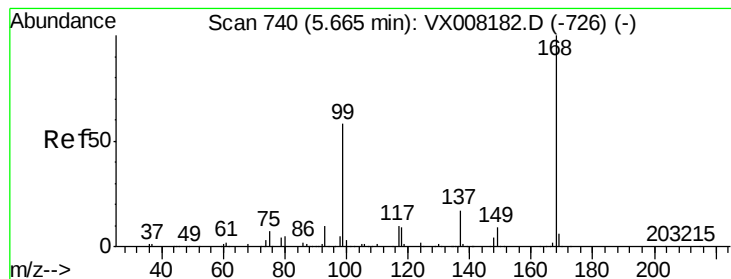
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

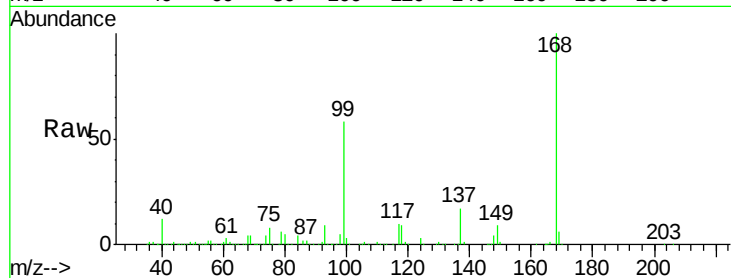
BPS1-TT-MW301S-20190313RE

Tot Ion:168 Resp: 336254

Ion Ratio Lower Upper

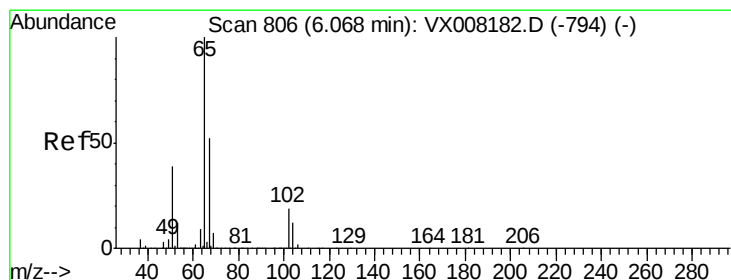
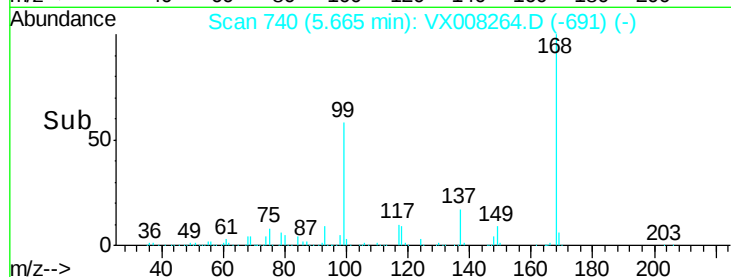
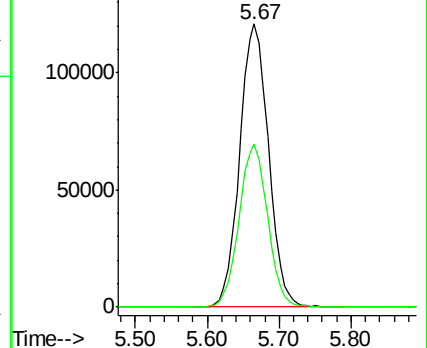
168 100

99 57.6 37.6 56.4#



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: 46.672 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008264.D

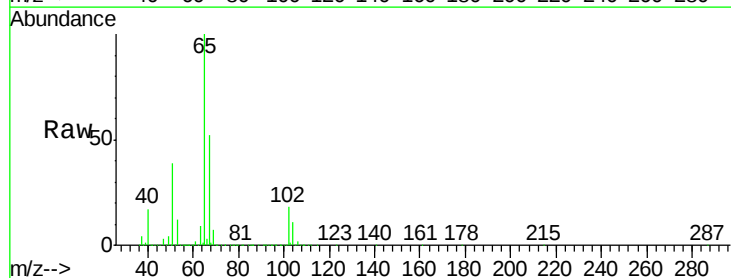
Acq: 21 Mar 2019 01:12

Tgt Ion: 65 Resp: 236361

Ion Ratio Lower Upper

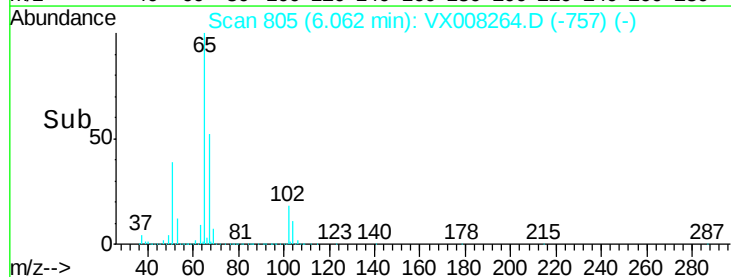
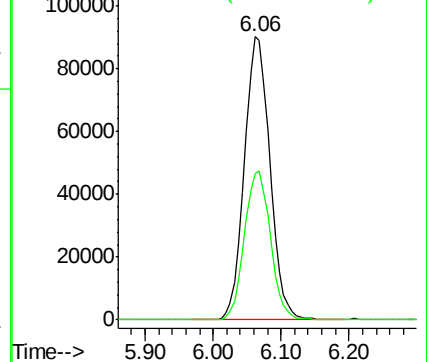
65 100

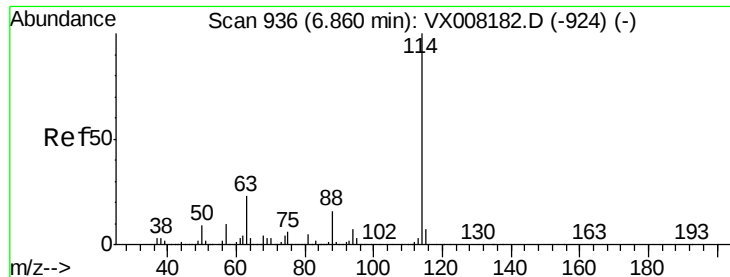
67 53.3 0.0 110.0



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: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20190313RE

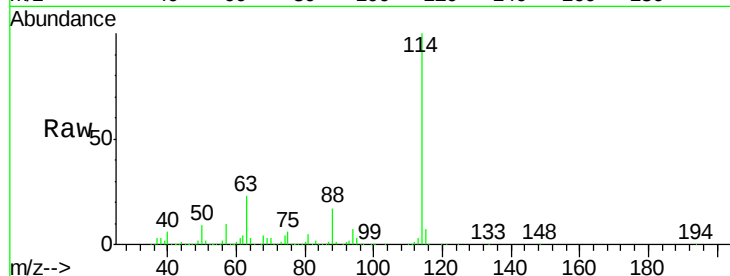
Tot Ion:114 Resp: 555709

Ion Ratio Lower Upper

114 100

63 22.9 0.0 39.8

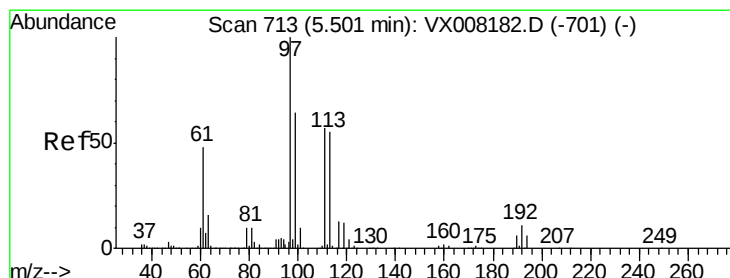
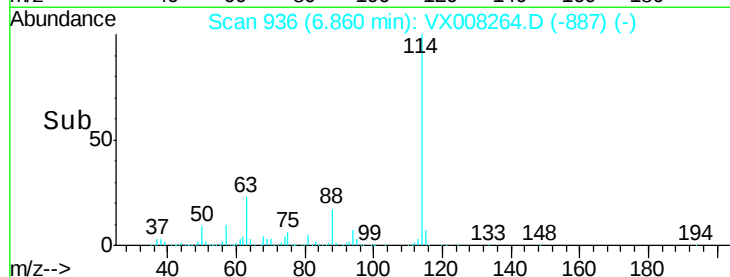
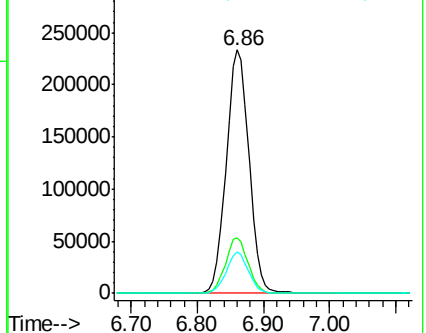
88 17.0 0.0 31.4



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: 46.922 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

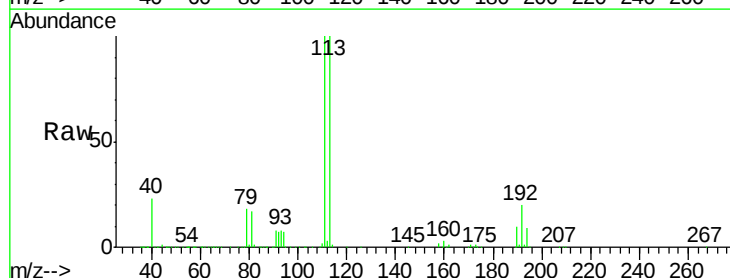
Tgt Ion:113 Resp: 174555

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

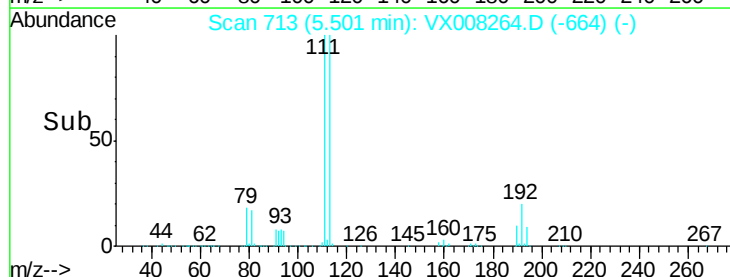
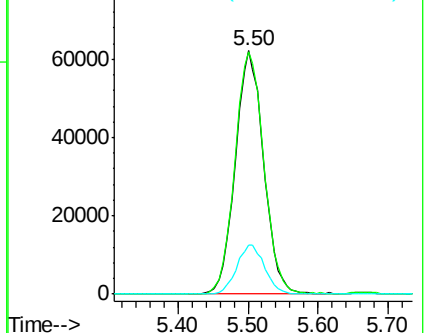
192 20.0 19.4 29.0

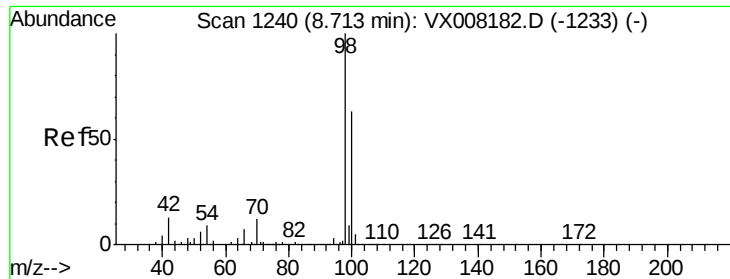


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.598 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

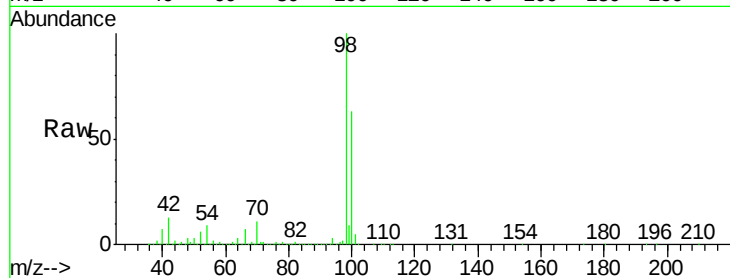
BPS1-TT-MW301S-20190313RE

Tot Ion: 98 Resp: 685441

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

500000

400000

300000

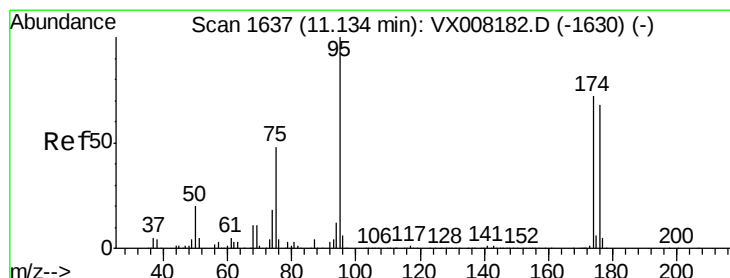
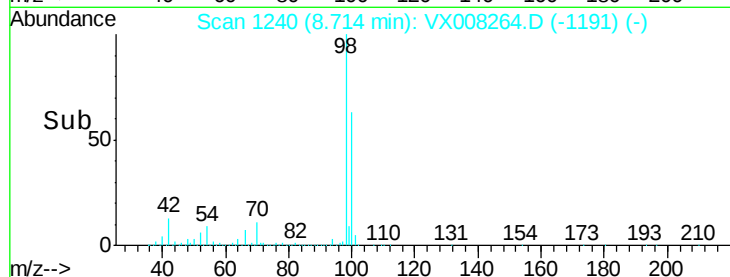
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.970 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008264.D

Acq: 21 Mar 2019 01:12

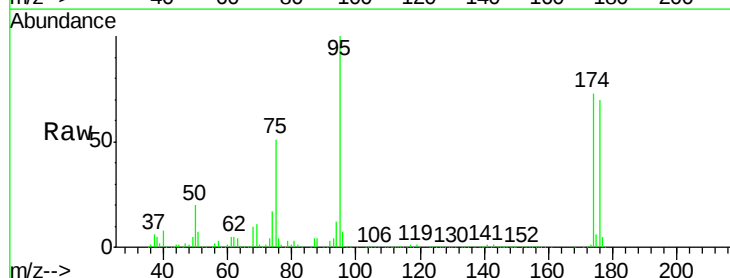
Tgt Ion: 95 Resp: 218389

Ion Ratio Lower Upper

95 100

174 78.0 0.0 182.8

176 75.9 0.0 178.0



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

11.13

200000

150000

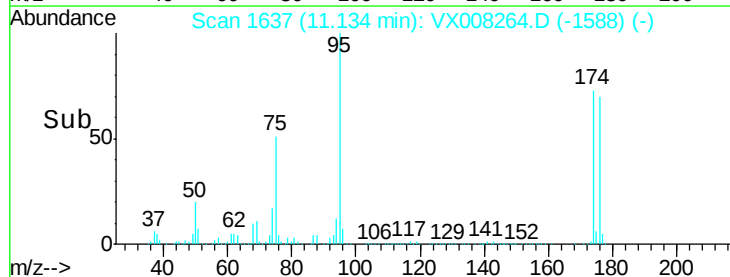
100000

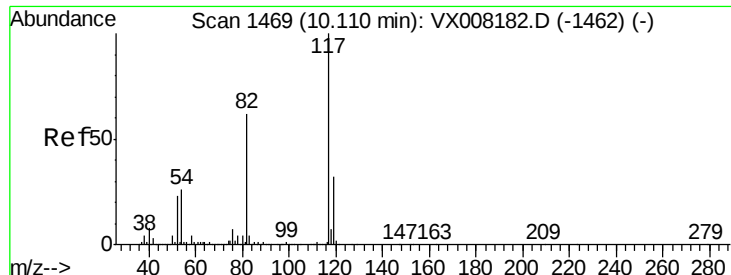
50000

0

Time-->

11.10 11.20

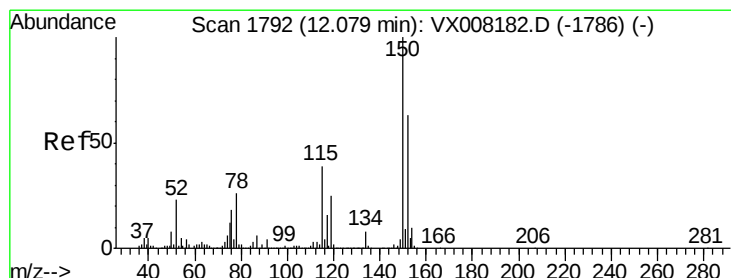
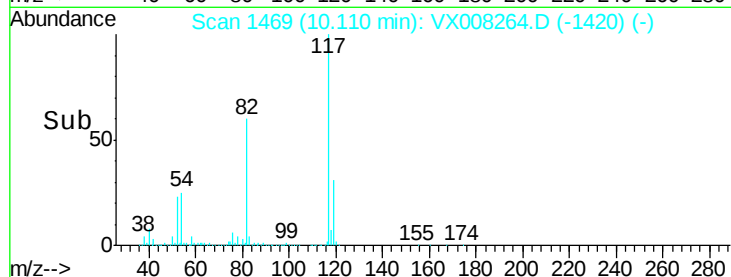
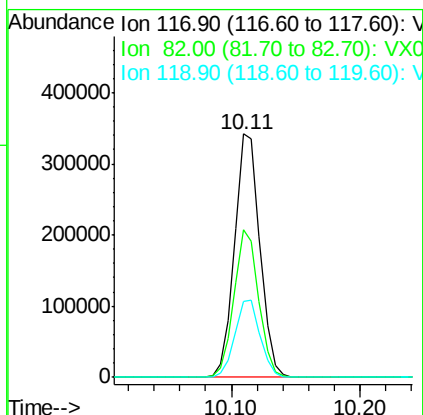
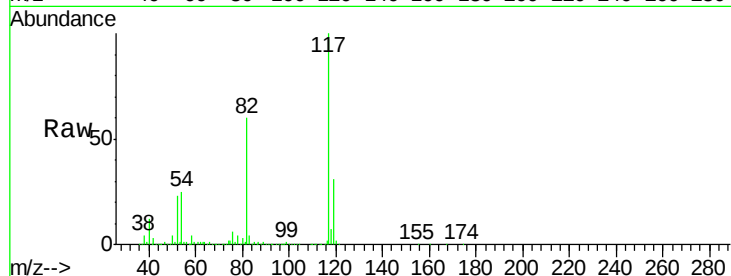




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20190313RE

Tot Ion:117 Resp: 469810
Ion Ratio Lower Upper
117 100
82 60.4 44.3 66.5
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008264.D
Acq: 21 Mar 2019 01:12

Tgt Ion:152 Resp: 188102
Ion Ratio Lower Upper
152 100
115 60.1 38.6 115.7
150 157.4 0.0 348.4

