

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051119\
 Data File : VX009516.D
 Acq On : 11 May 2019 11:37
 Operator : JC/SP
 Sample : K2811-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB1-20190509

Quant Time: May 13 16:32:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120568	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	5.50	113	88218	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	8.71	98	364581	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	120171	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

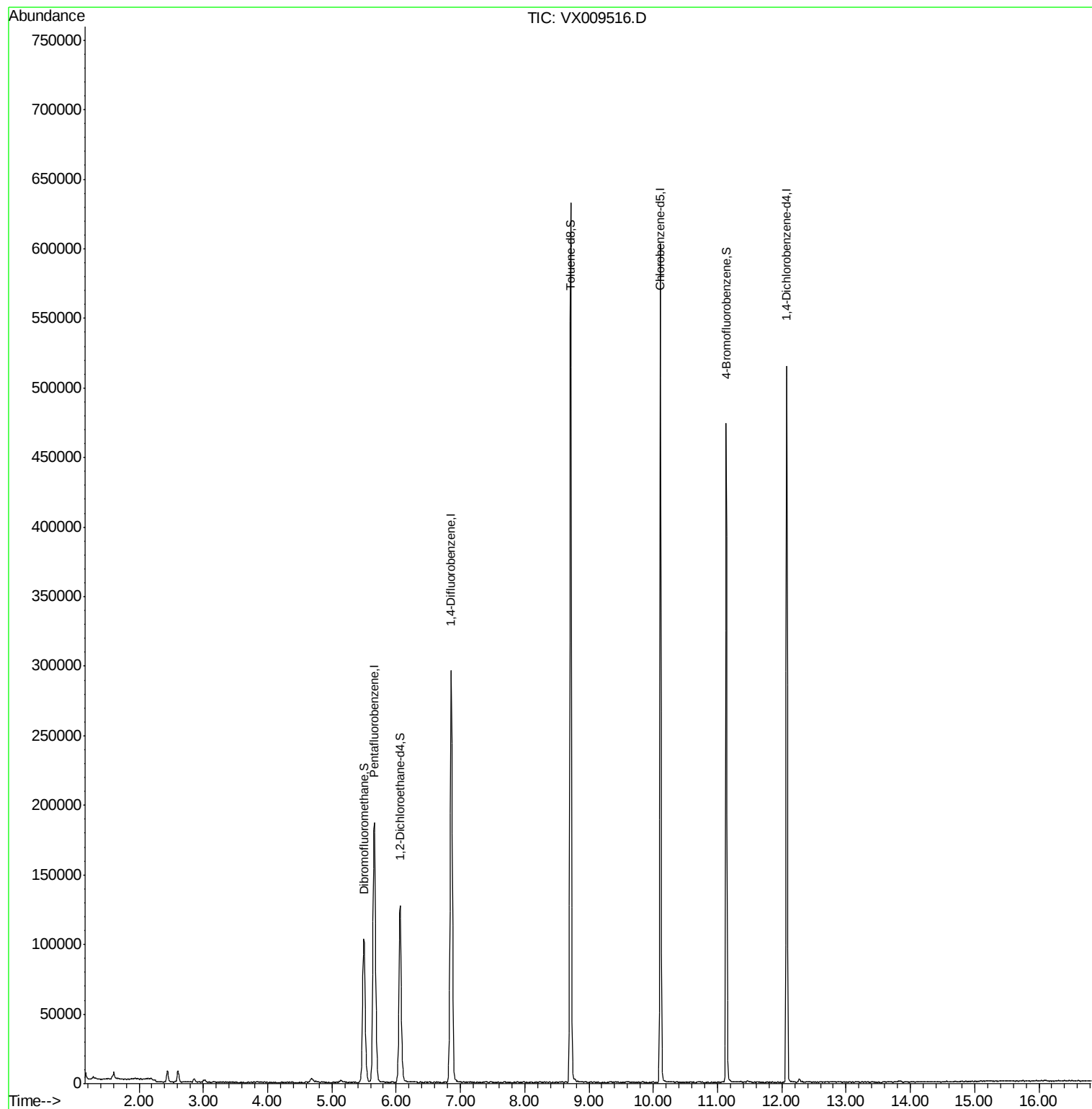
Target Compounds	Qvalue

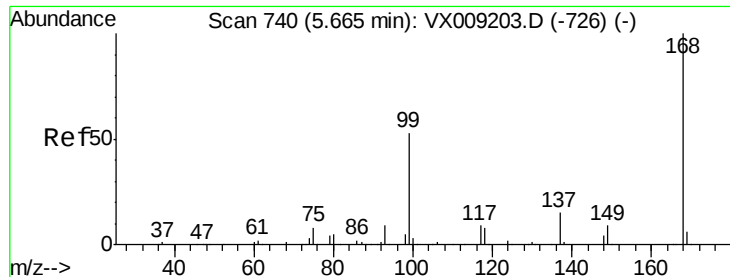
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

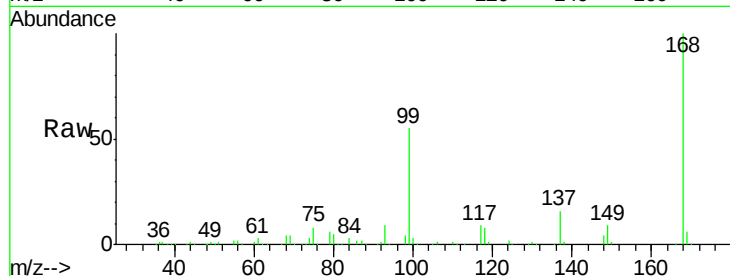
BP-TB1-20190509

Tgt Ion:168 Resp: 185436

Ion Ratio Lower Upper

168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

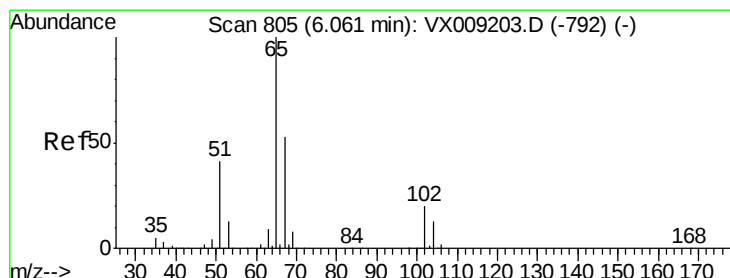
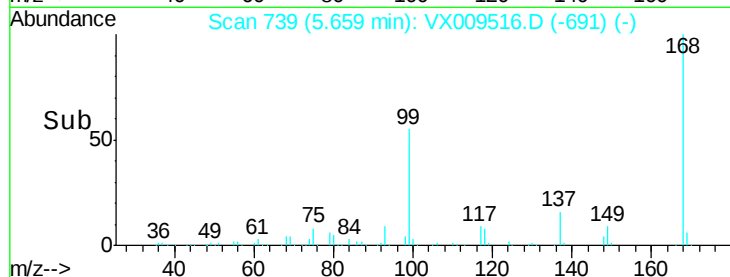
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.629 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009516.D

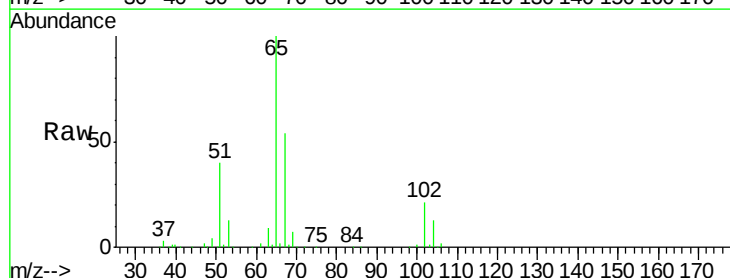
Acq: 11 May 2019 11:37

Tgt Ion: 65 Resp: 120568

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

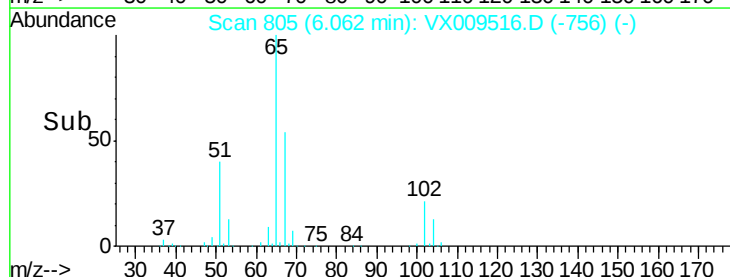
30000

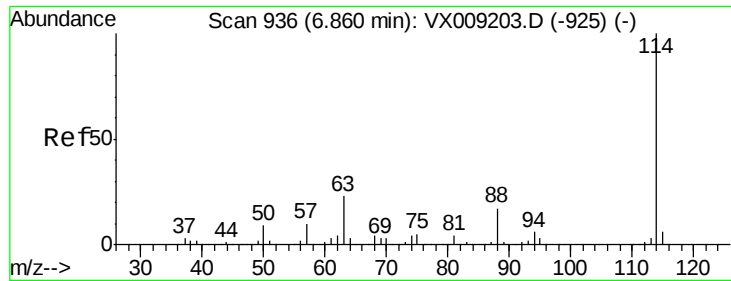
20000

10000

0

Time--> 6.00 6.10 6.20

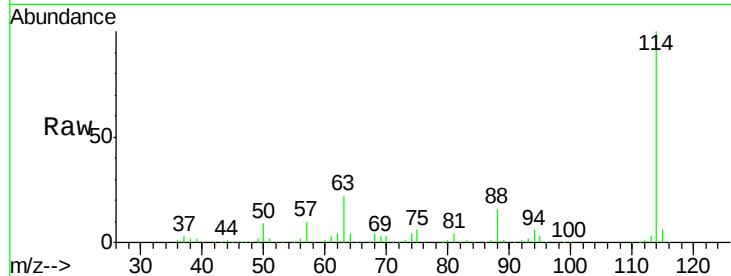




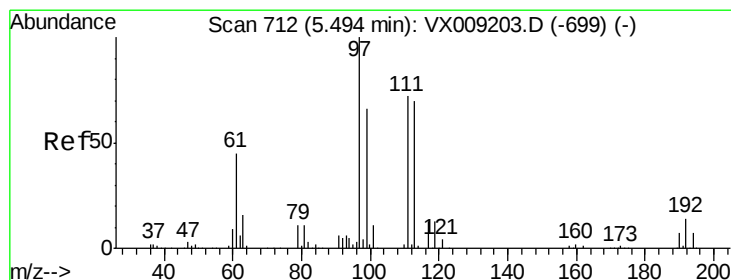
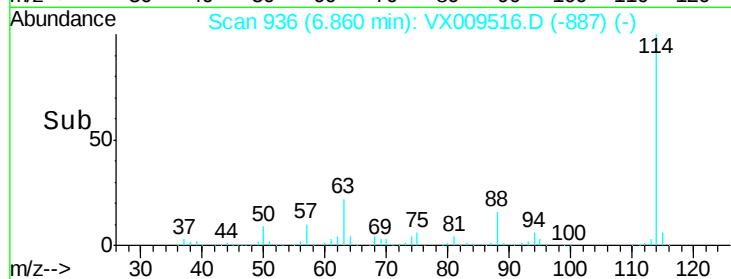
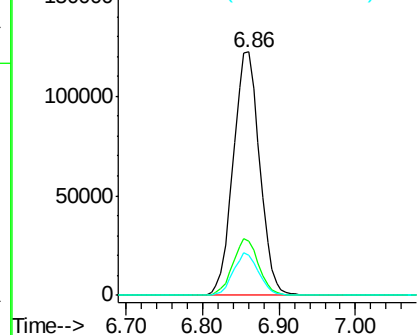
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TB1-20190509

Tgt Ion:114 Resp: 293041
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.6
88 16.5 0.0 33.2

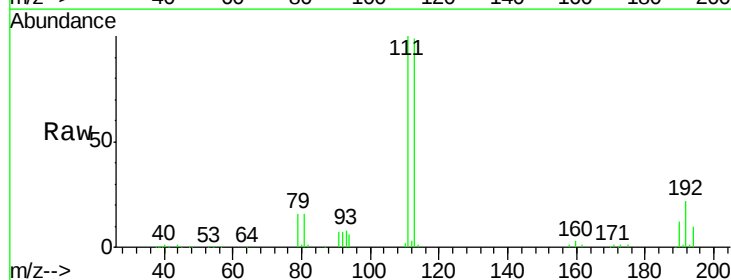


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

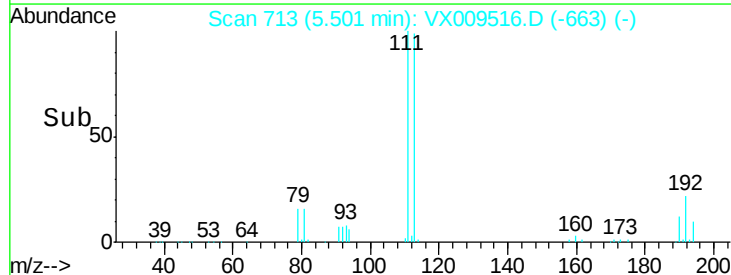
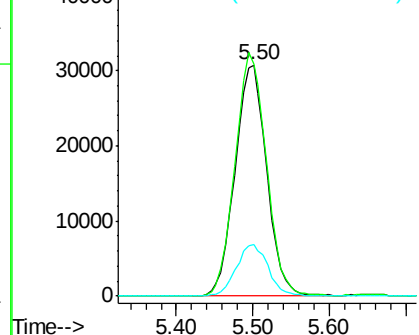


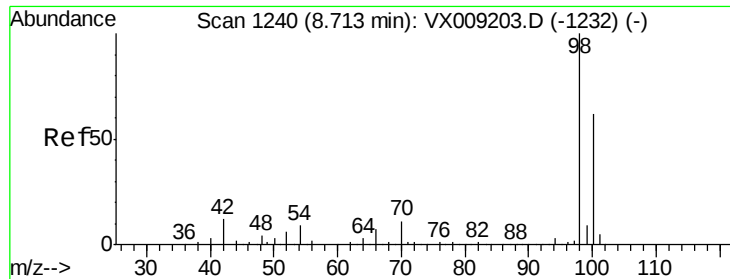
#35
Dibromofluoromethane
Concen: 47.888 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Tgt Ion:113 Resp: 88218
Ion Ratio Lower Upper
113 100
111 104.1 82.8 124.2
192 22.4 17.0 25.6



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: 49.021 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

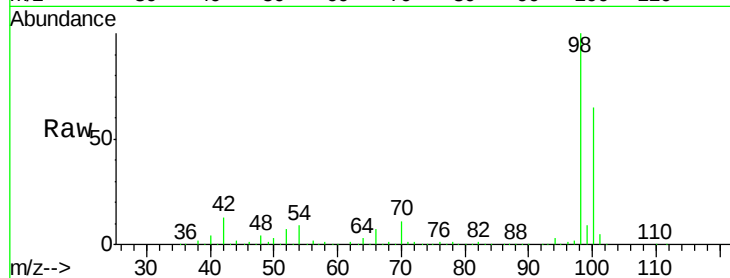
BP-TB1-20190509

Tgt Ion: 98 Resp: 364581

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

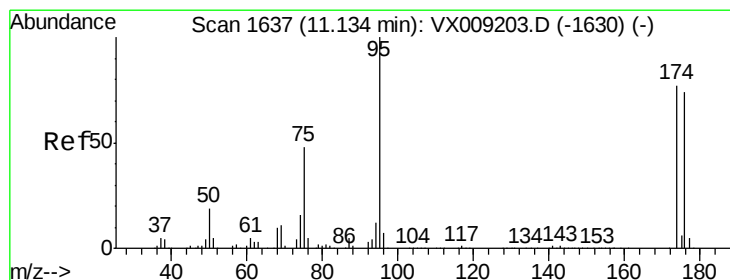
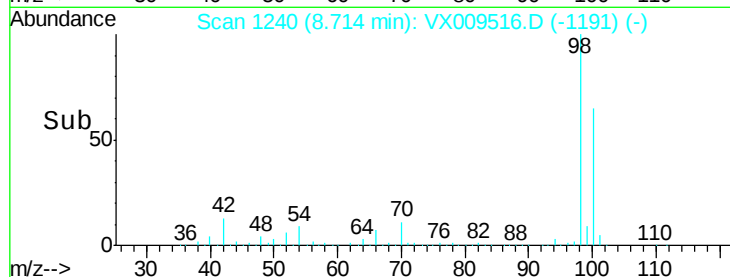
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.468 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

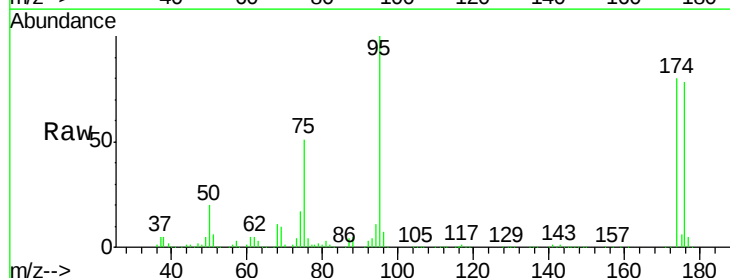
Tgt Ion: 95 Resp: 120171

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

176 80.9 0.0 159.2



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

120000

100000

80000

60000

40000

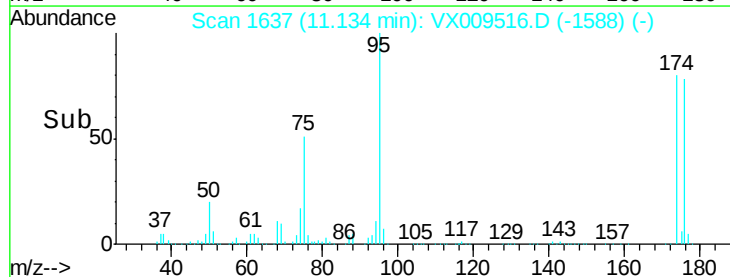
20000

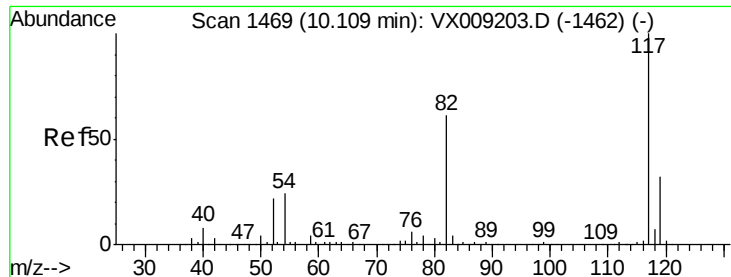
0

11.10

11.20

Time-->

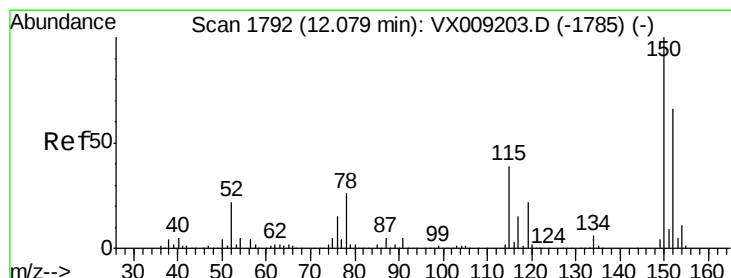
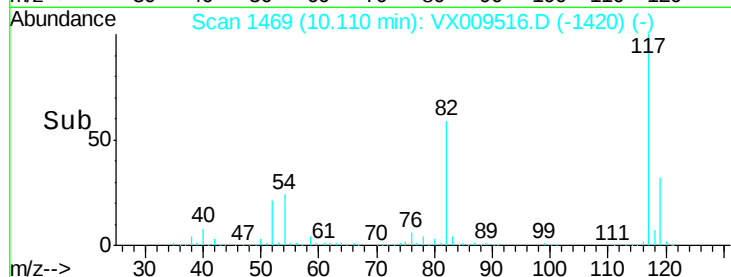
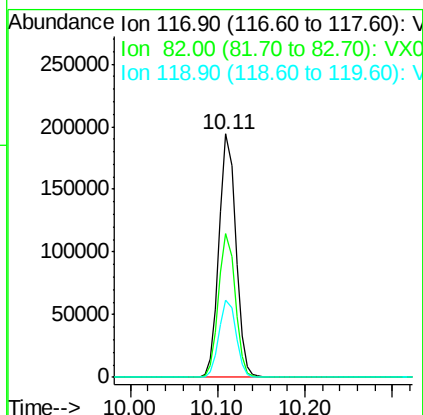
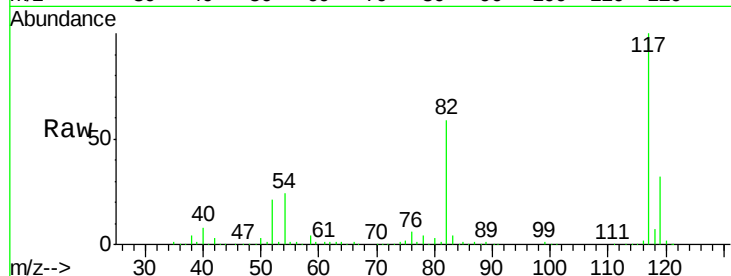




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TB1-20190509

Tgt Ion:117 Resp: 257800
Ion Ratio Lower Upper
117 100
82 59.0 48.8 73.2
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Tgt Ion:152 Resp: 108471
Ion Ratio Lower Upper
152 100
115 58.7 41.2 123.6
150 157.6 0.0 346.4

