

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009677.D
 Acq On : 17 May 2019 21:16
 Operator : JC/SP
 Sample : K2891-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-538-540

Quant Time: May 18 06:30:03 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

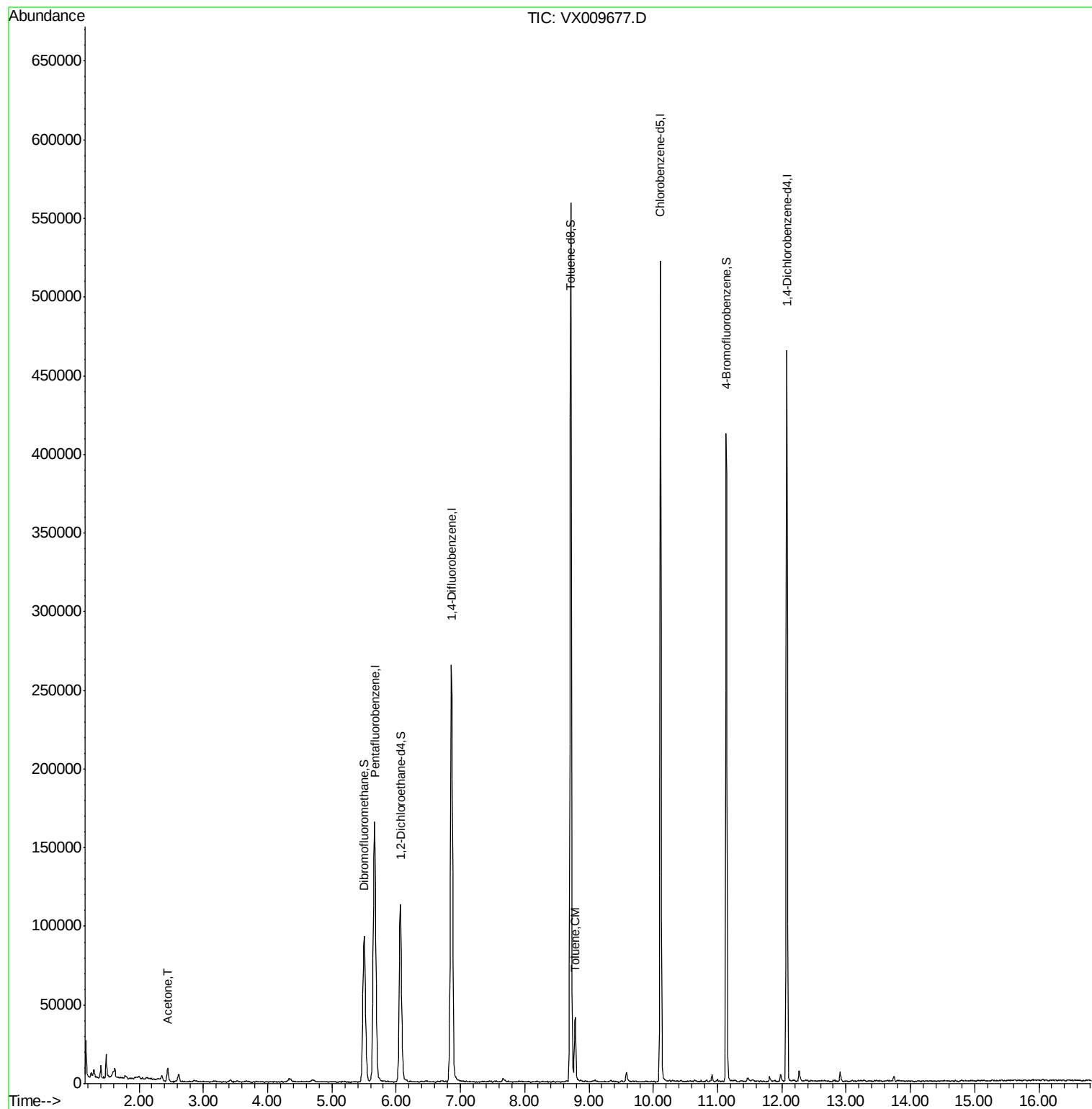
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	109031	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	80455	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	8.71	98	322502	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	106814	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
Target Compounds						
16) Acetone	2.45	43	9366	7.906	ug/l	98
52) Toluene	8.79	92	14659	3.269	ug/l	99

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

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Quant Title : SW846 8260
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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 :

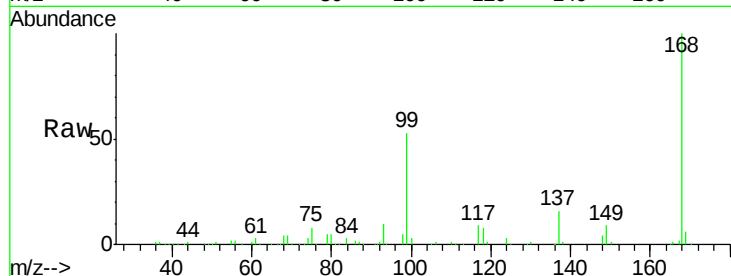
BP-VPB202-GW-538-540

Tot Ion:168 Resp: 161615

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

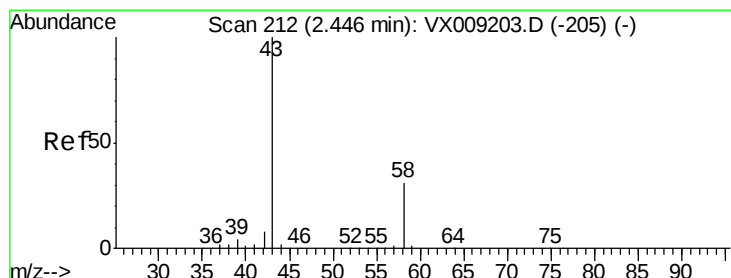
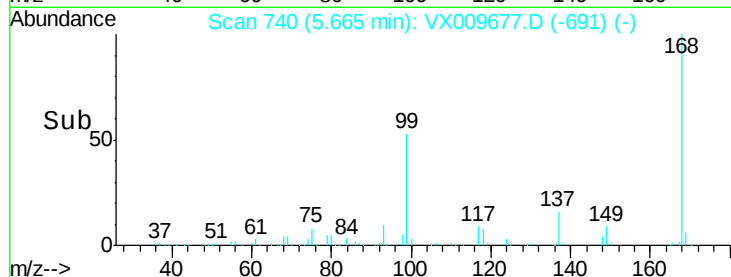
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.906 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009677.D

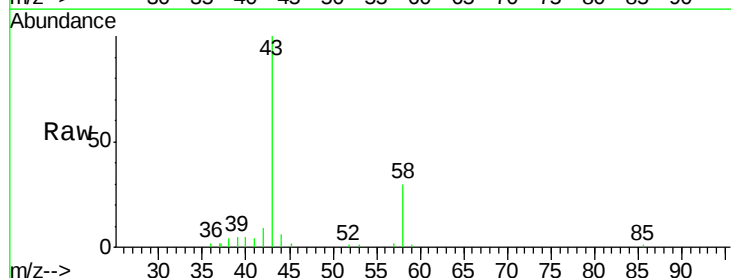
Acq: 17 May 2019 21:16

Tgt Ion: 43 Resp: 9366

Ion Ratio Lower Upper

43 100

58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

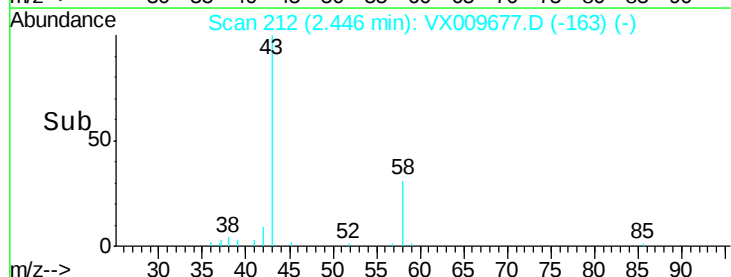
3000

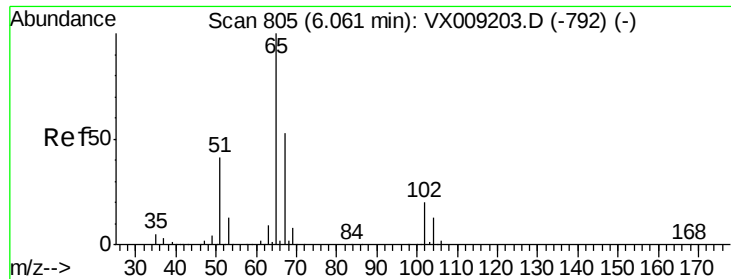
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 49.419 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009677.D

Acq: 17 May 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

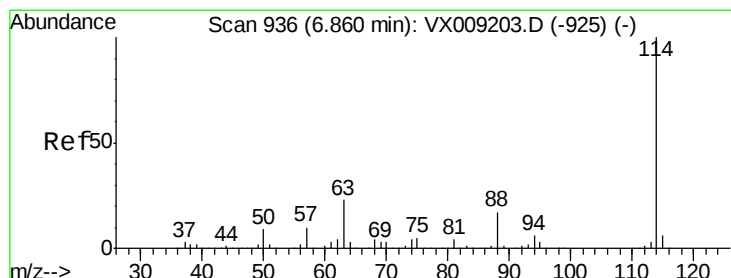
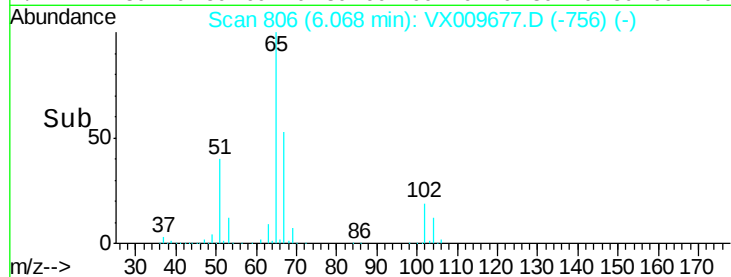
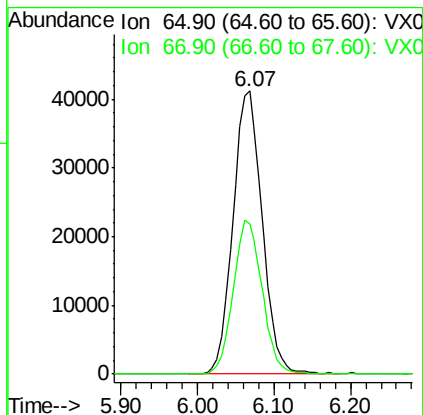
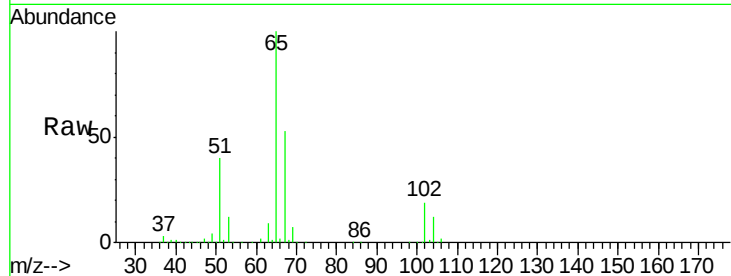
BP-VPB202-GW-538-540

Tot Ion: 65 Resp: 109031

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009677.D

Acq: 17 May 2019 21:16

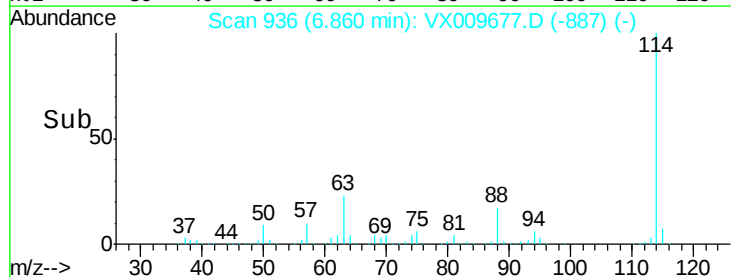
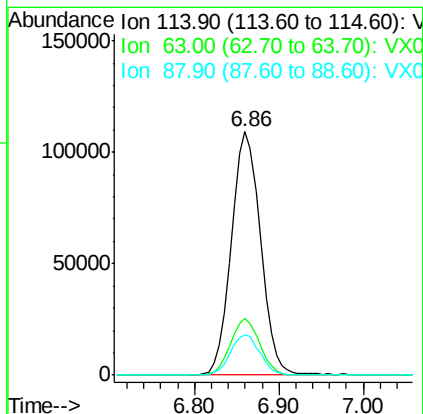
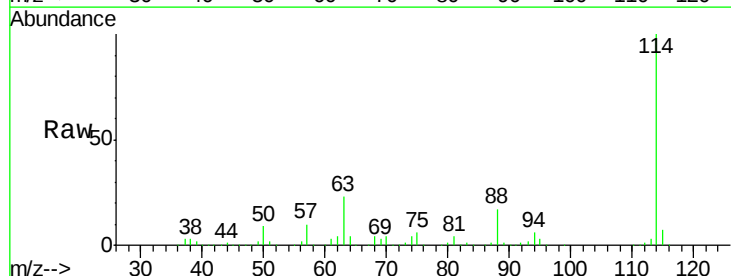
Tgt Ion: 114 Resp: 256466

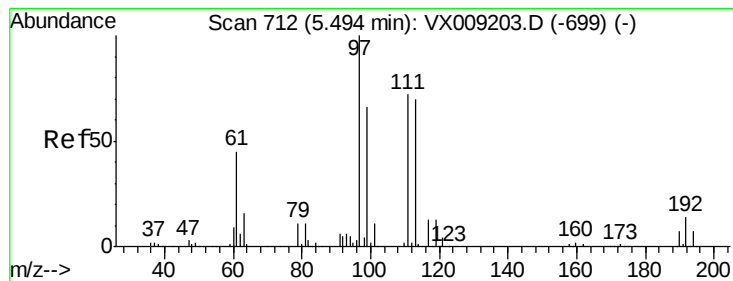
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.902 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009677.D

Acq: 17 May 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-538-540

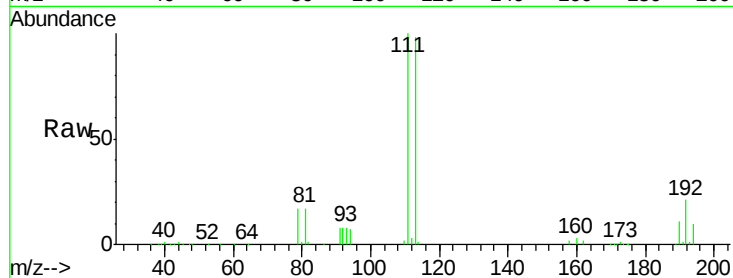
Tot Ion:113 Resp: 80455

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

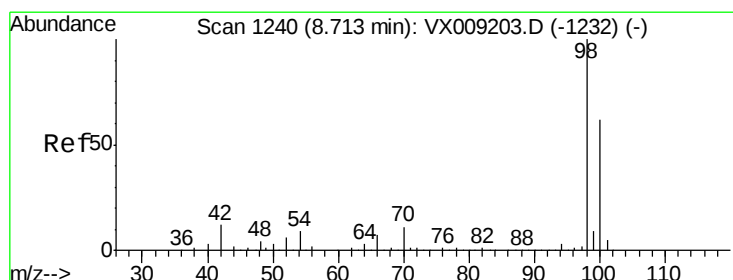
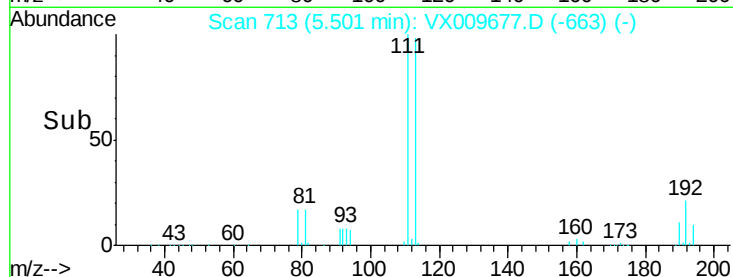
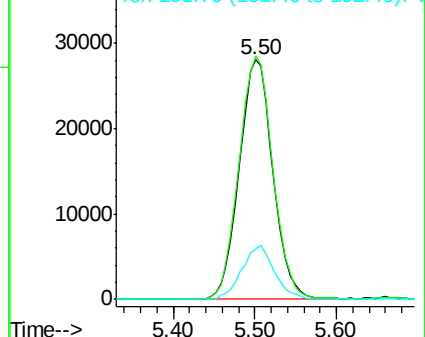
192 21.7 17.0 25.6



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: 49.547 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009677.D

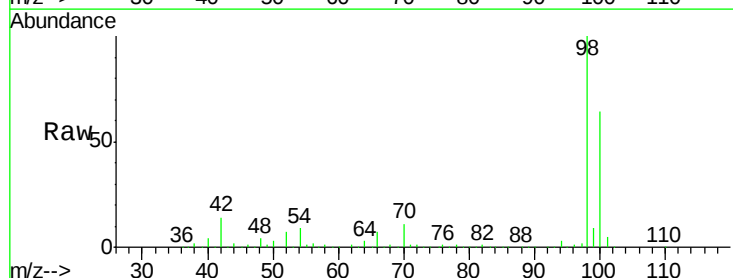
Acq: 17 May 2019 21:16

Tgt Ion: 98 Resp: 322502

Ion Ratio Lower Upper

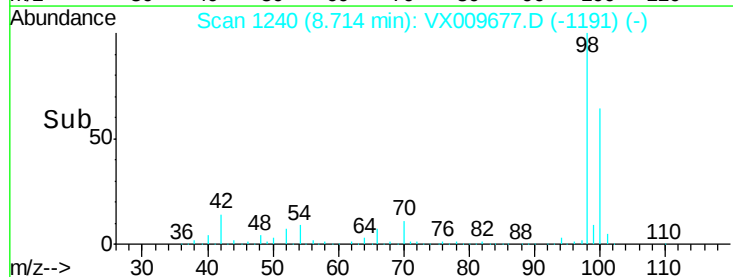
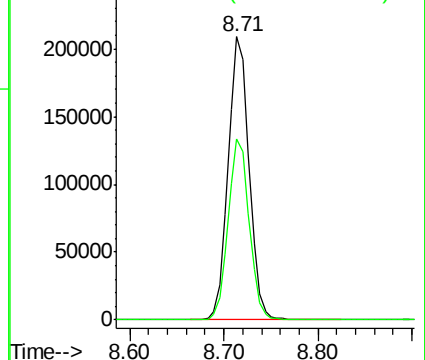
98 100

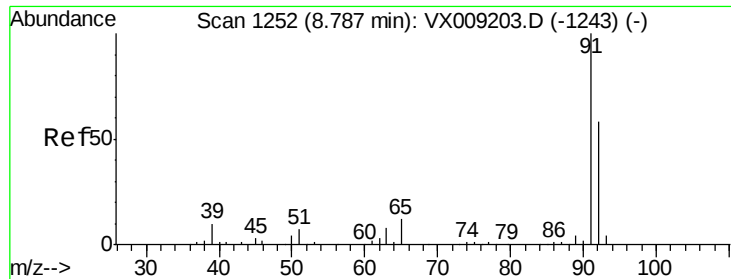
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 3.269 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009677.D

Acq: 17 May 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

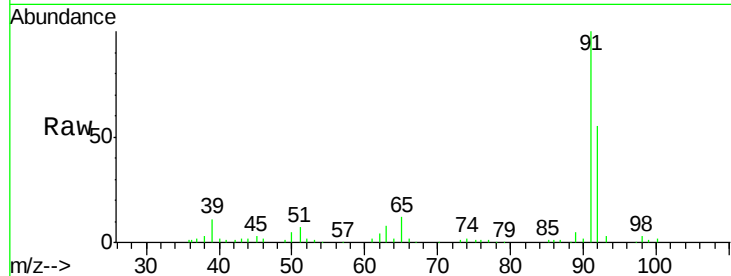
BP-VPB202-GW-538-540

Tot Ion: 92 Resp: 14659

Ion Ratio Lower Upper

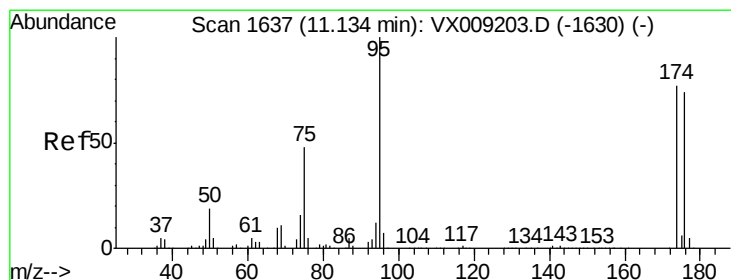
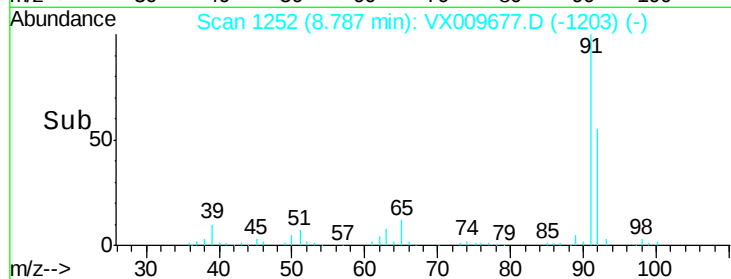
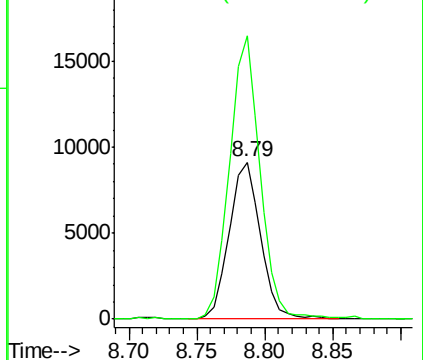
92 100

91 174.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009677.D

Acq: 17 May 2019 21:16

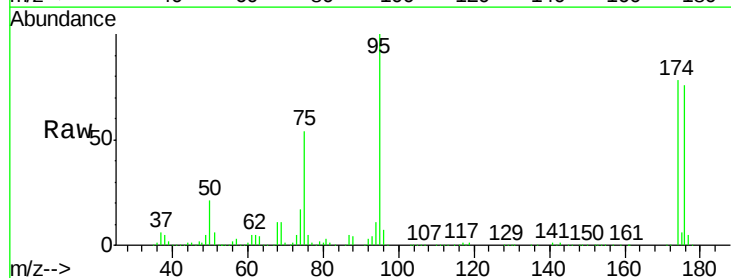
Tgt Ion: 95 Resp: 106814

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

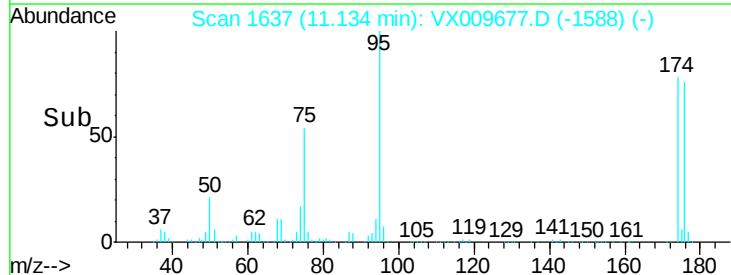
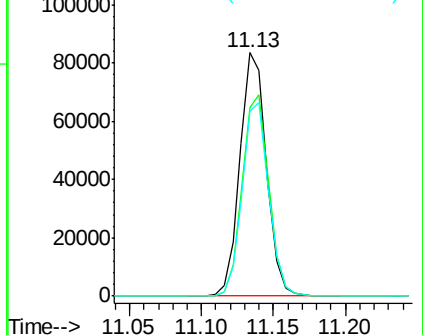
176 79.2 0.0 159.2

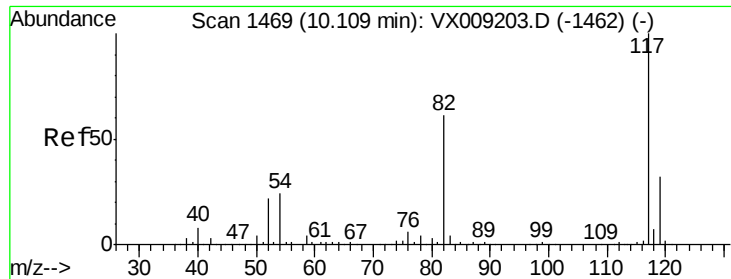


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

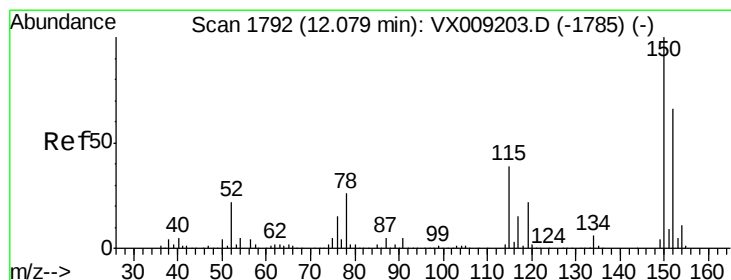
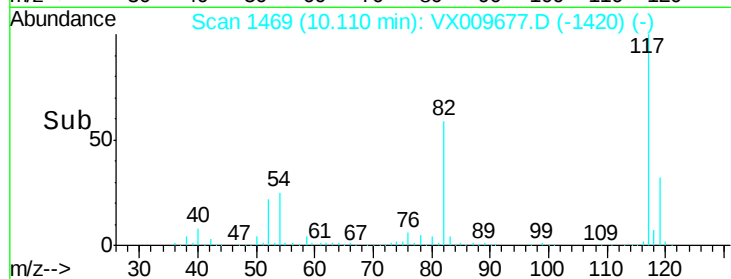
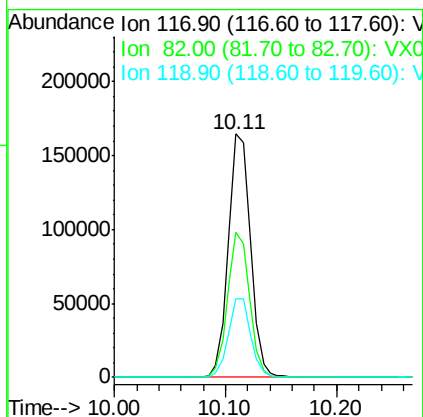
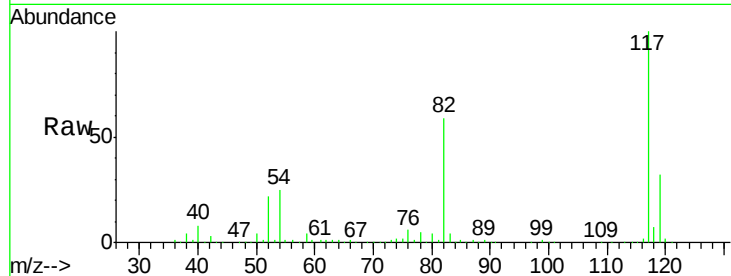




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009677.D
Acq: 17 May 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-538-540

Tot Ion:117 Resp: 227879
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 32.0 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: VX009677.D
Acq: 17 May 2019 21:16

Tgt Ion:152 Resp: 97483
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 155.4 0.0 346.4

