

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008286.D
 Acq On : 21 Mar 2019 13:18
 Operator : JC/SP
 Sample : K1985-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB07-20190317

Quant Time: Mar 22 08:59:24 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	299120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	493708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	407630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207431	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	5.50	113	157868	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.71	98	598665	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.13	95	189408	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	

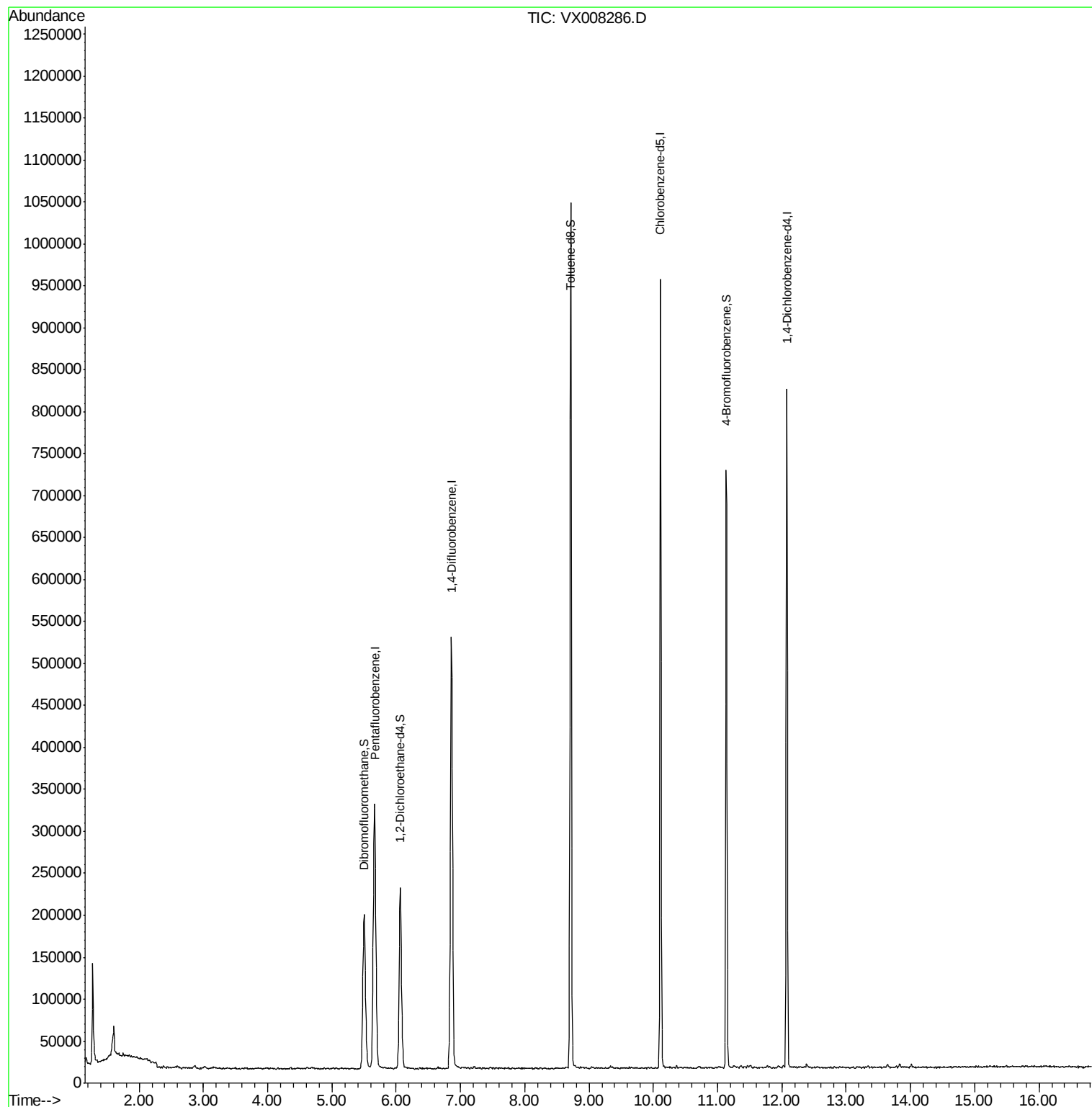
Target Compounds	Qvalue

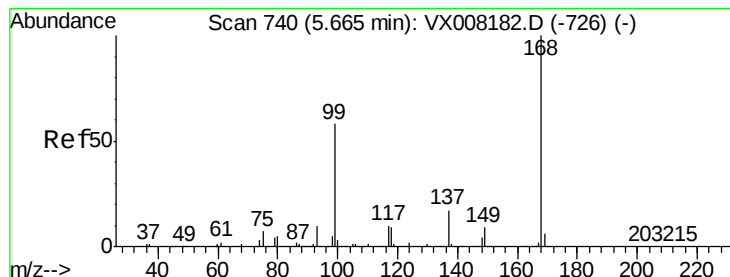
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008286.D

Acq: 21 Mar 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

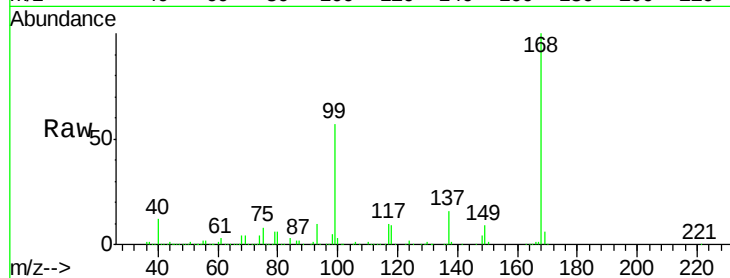
BP-TB07-20190317

Tot Ion:168 Resp: 299120

Ion Ratio Lower Upper

168 100

99 56.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

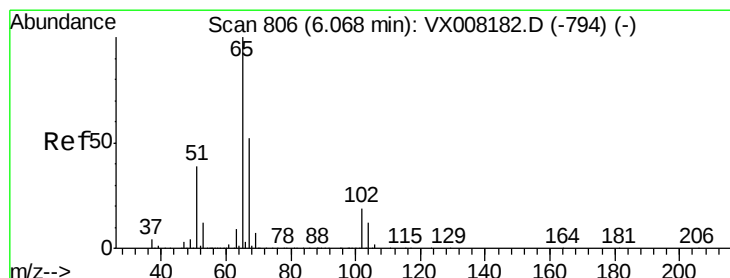
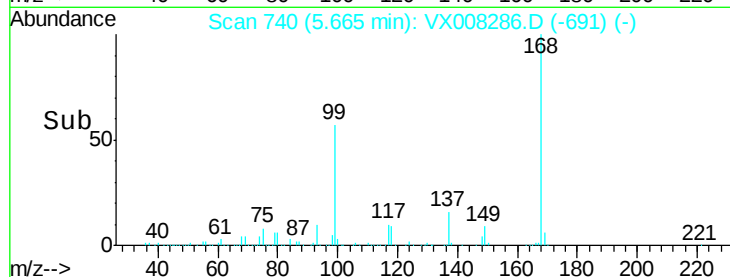
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.044 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008286.D

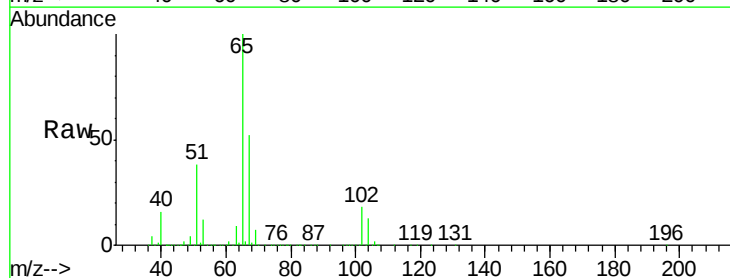
Acq: 21 Mar 2019 13:18

Tgt Ion: 65 Resp: 207431

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

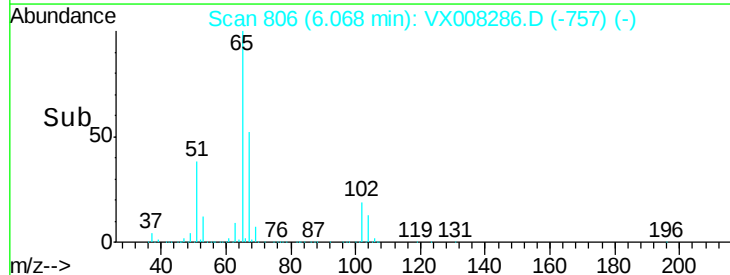
60000

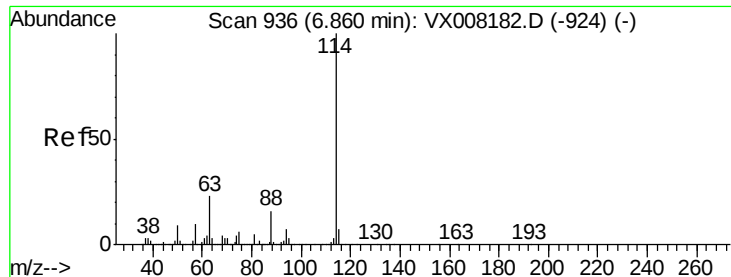
40000

20000

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: VX008286.D

Acq: 21 Mar 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

BP-TB07-20190317

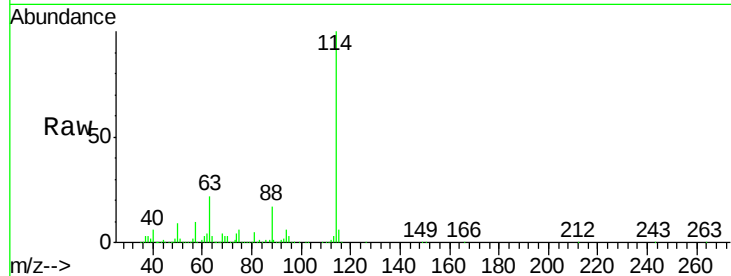
Tot Ion:114 Resp: 493708

Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.8

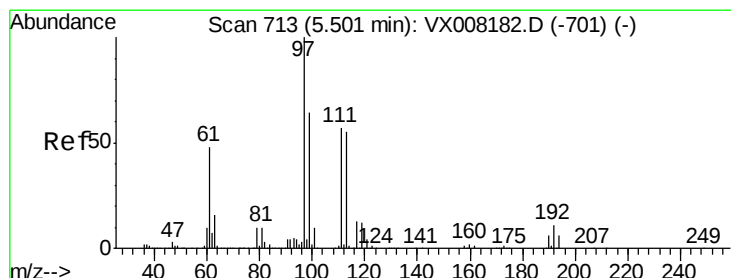
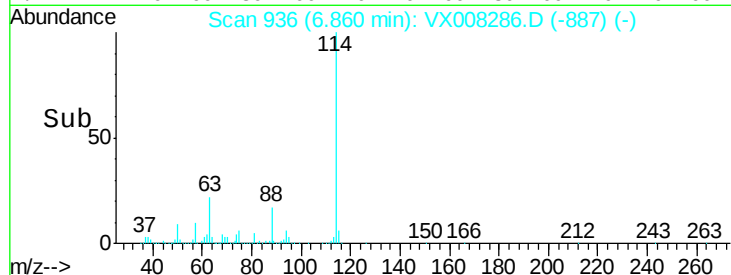
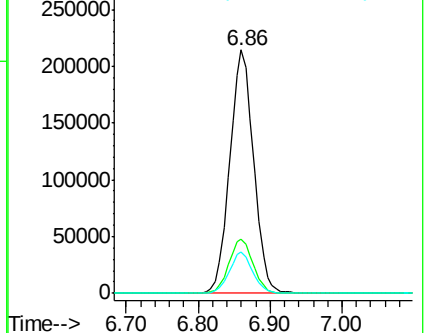
88 17.0 0.0 31.4



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: 47.766 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008286.D

Acq: 21 Mar 2019 13:18

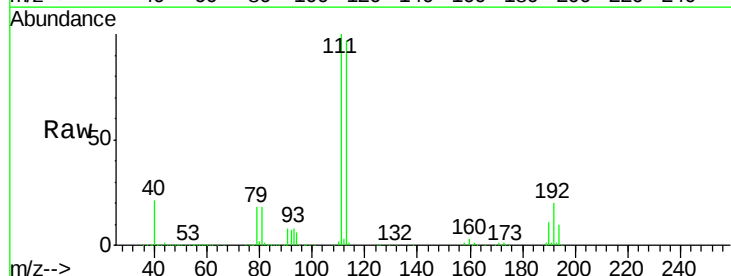
Tgt Ion:113 Resp: 157868

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

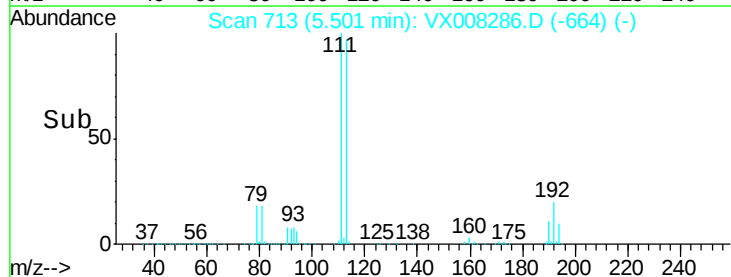
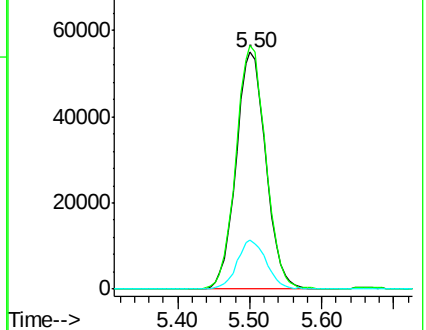
192 20.4 19.4 29.0

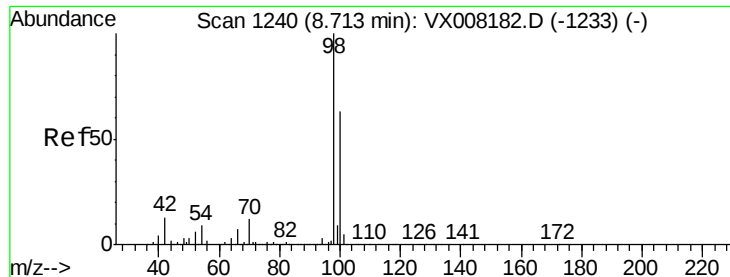


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.776 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008286.D

Acq: 21 Mar 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

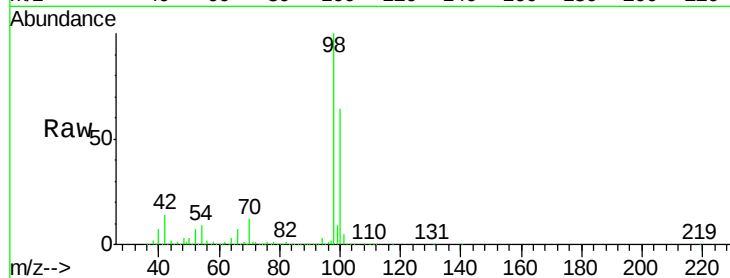
BP-TB07-20190317

Tot Ion: 98 Resp: 598665

Ion Ratio Lower Upper

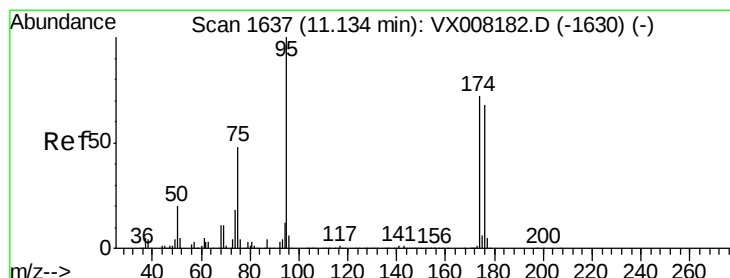
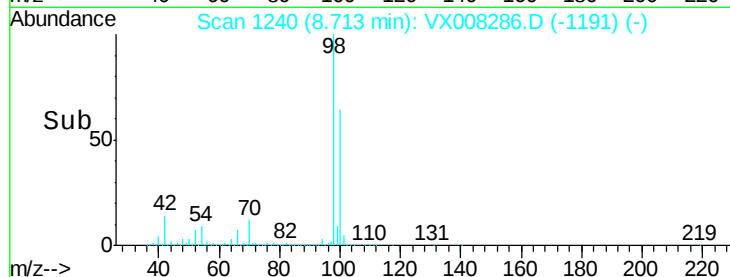
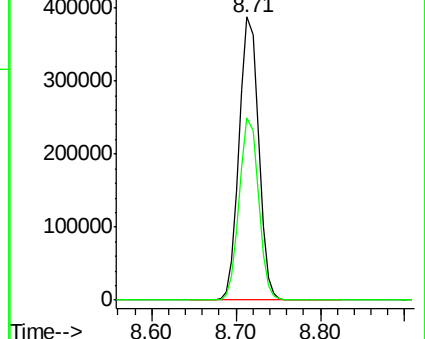
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.900 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008286.D

Acq: 21 Mar 2019 13:18

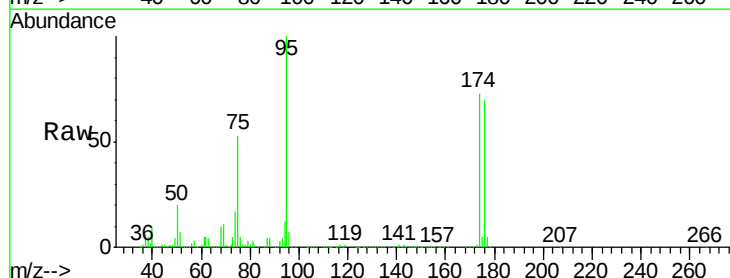
Tgt Ion: 95 Resp: 189408

Ion Ratio Lower Upper

95 100

174 78.6 0.0 182.8

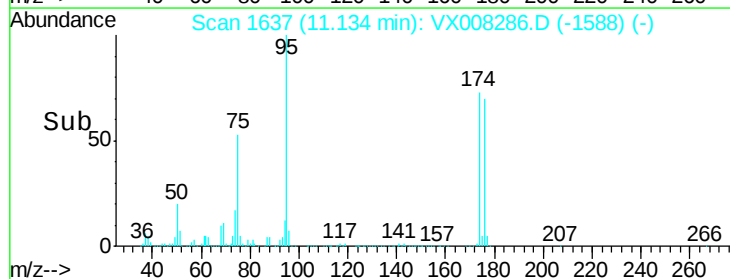
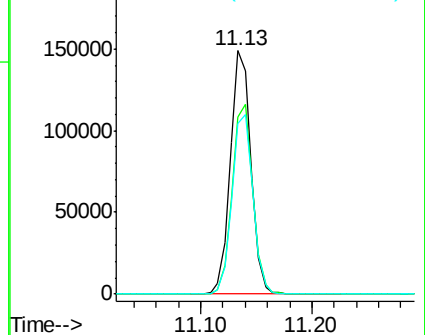
176 75.8 0.0 178.0

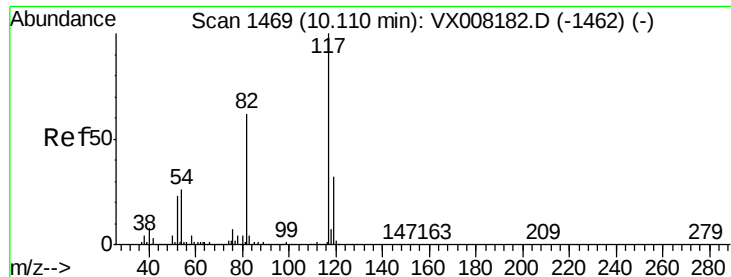


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

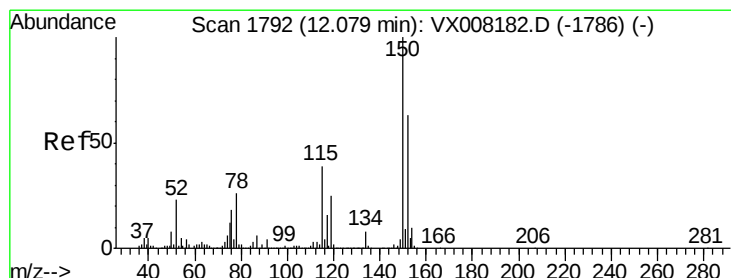
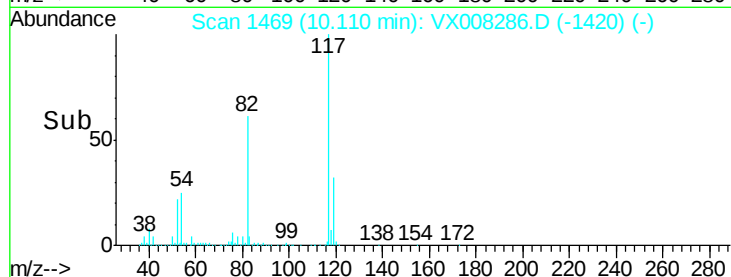
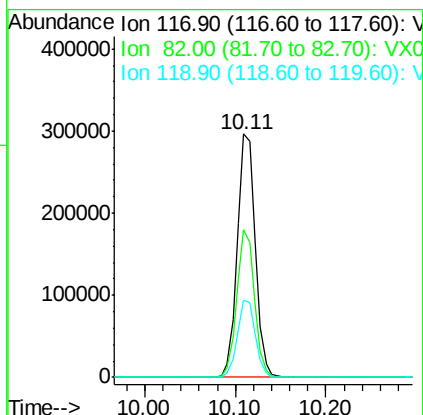
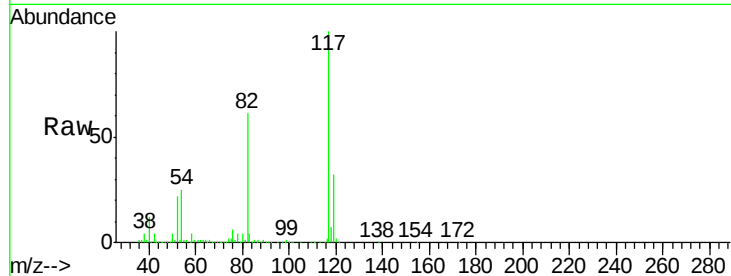




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008286.D
Acq: 21 Mar 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
BP-TB07-20190317

Tot Ion:117 Resp: 407630
Ion Ratio Lower Upper
117 100
82 60.5 44.3 66.5
119 31.5 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: VX008286.D
Acq: 21 Mar 2019 13:18

Tgt Ion:152 Resp: 159004
Ion Ratio Lower Upper
152 100
115 59.5 38.6 115.7
150 157.9 0.0 348.4

