

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008267.D
 Acq On : 21 Mar 2019 02:26
 Operator : JC/SP
 Sample : K1945-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190226

Quant Time: Mar 22 07:57:41 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	323176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	535302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180277	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	231089	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.50	113	171960	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	655830	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.13	95	207552	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	

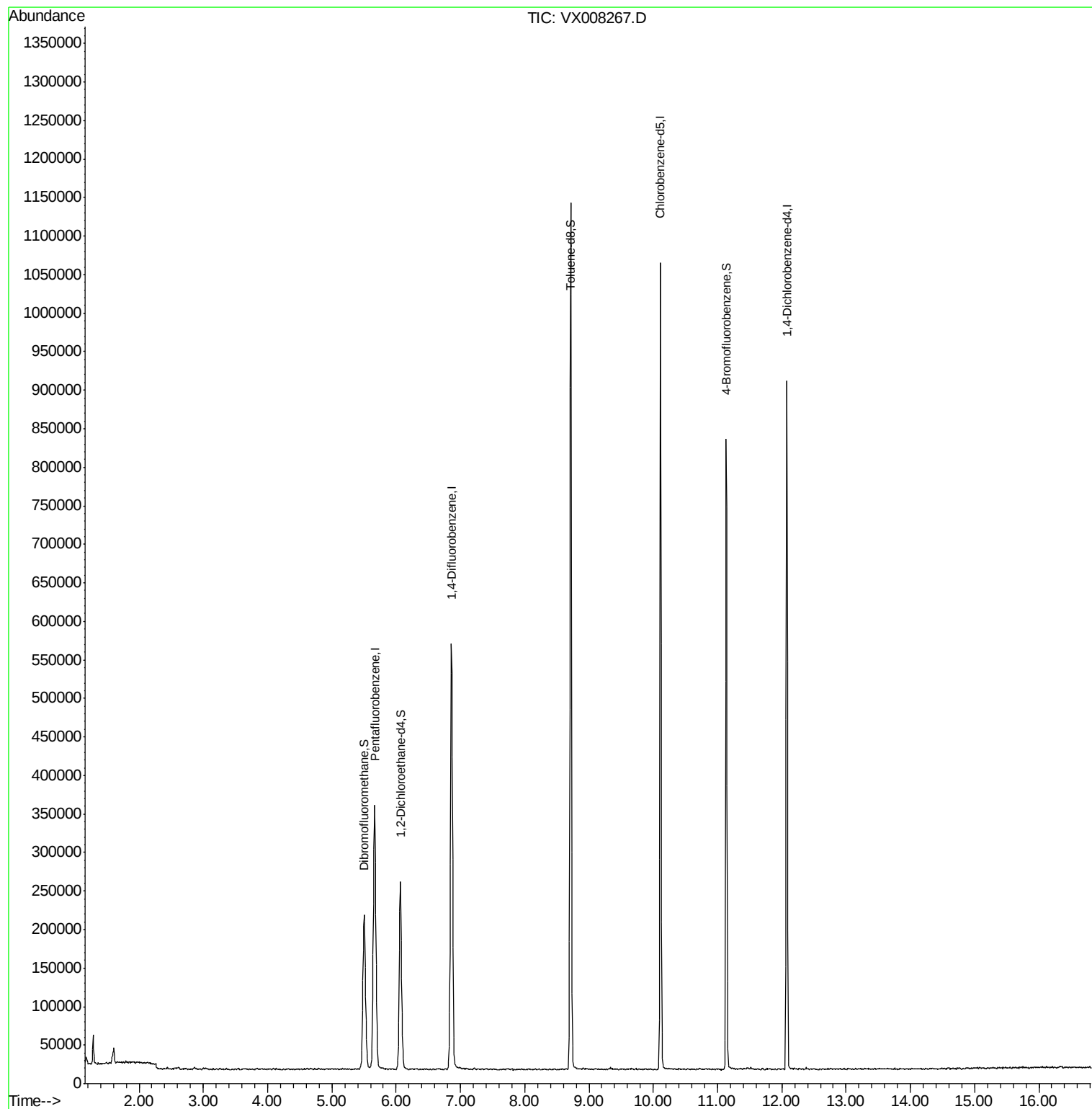
Target Compounds	Qvalue

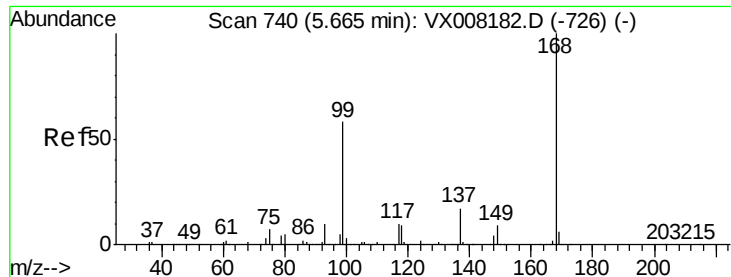
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008267.D

Acq: 21 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampled :

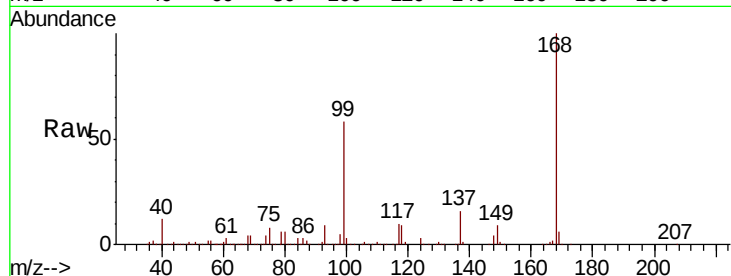
TB-20190226

Tot Ion:168 Resp: 323176

Ion Ratio Lower Upper

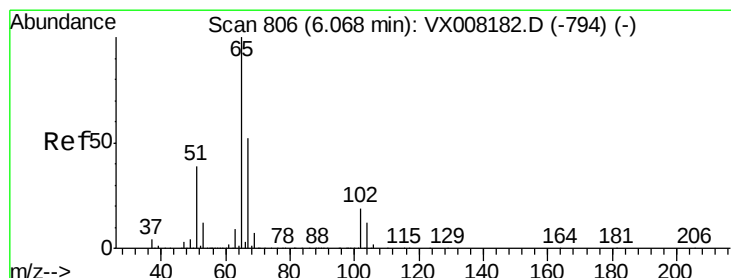
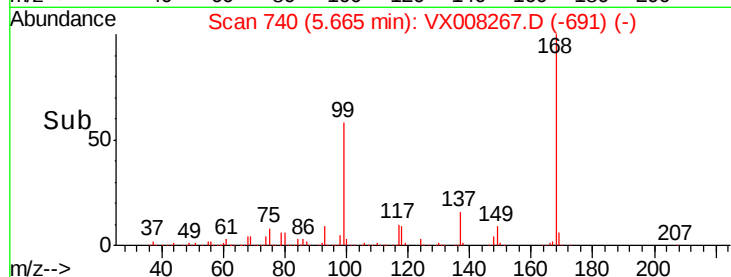
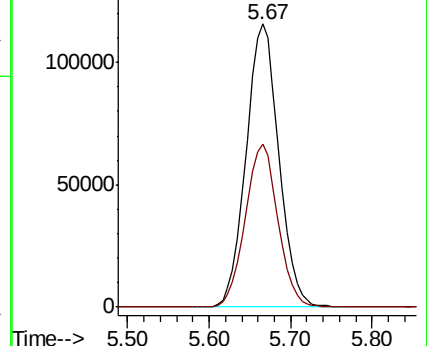
168 100

99 57.5 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: 47.478 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008267.D

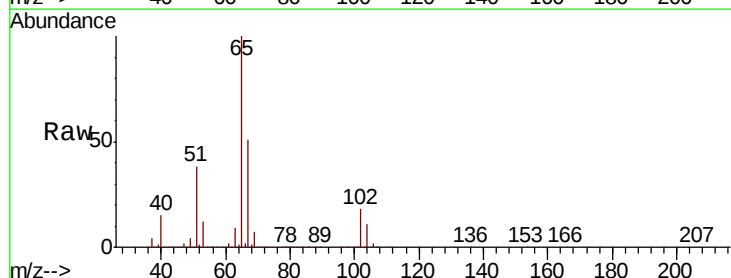
Acq: 21 Mar 2019 02:26

Tgt Ion: 65 Resp: 231089

Ion Ratio Lower Upper

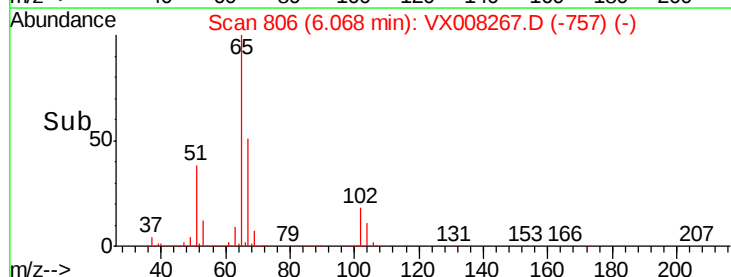
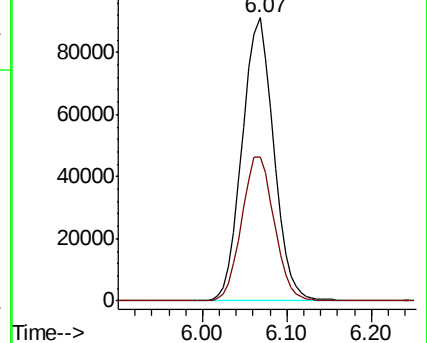
65 100

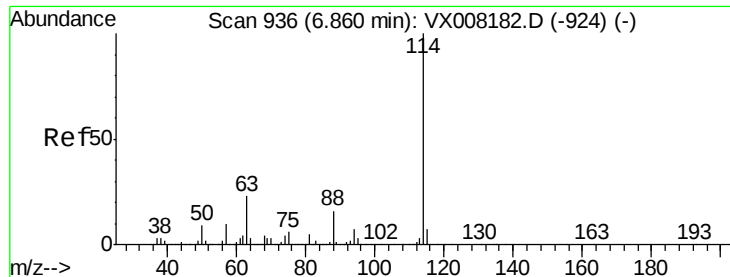
67 52.3 0.0 110.0



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: VX008267.D

Acq: 21 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

TB-20190226

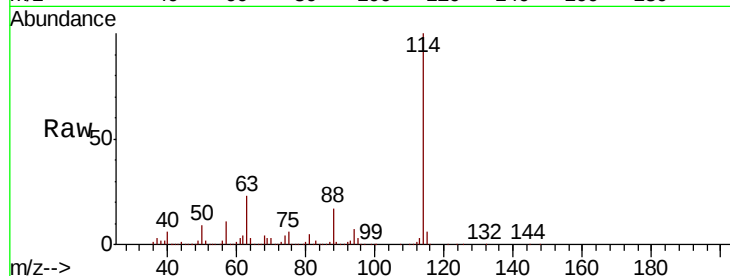
Tot Ion:114 Resp: 535302

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

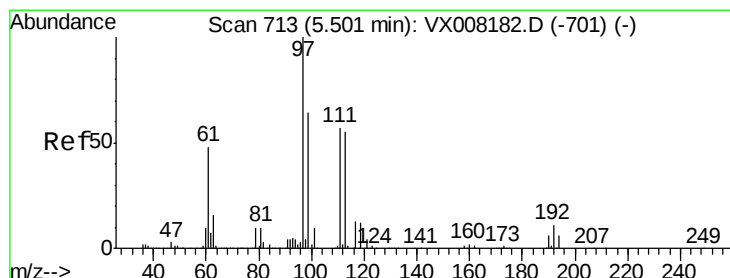
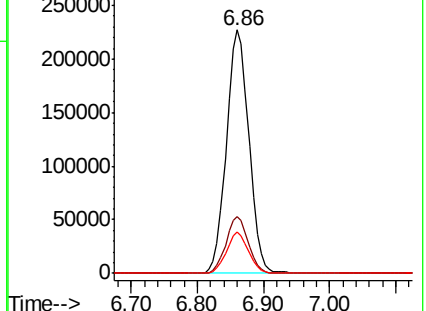
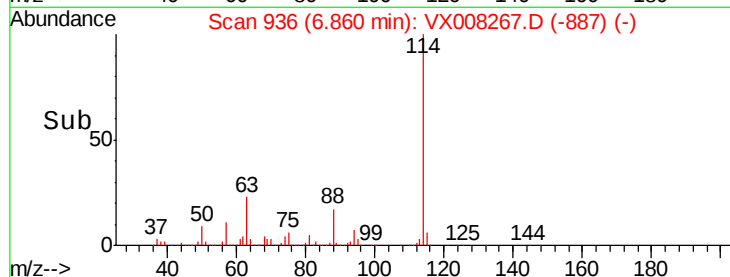
88 16.9 0.0 31.4



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: 47.987 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008267.D

Acq: 21 Mar 2019 02:26

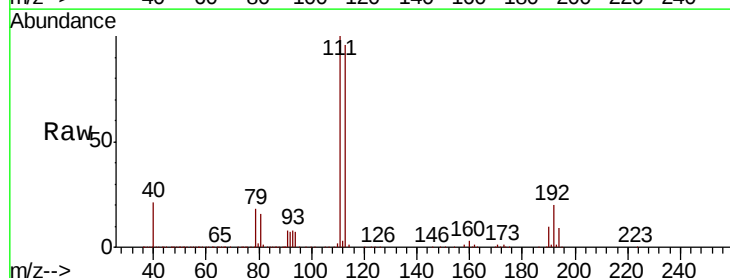
Tgt Ion:113 Resp: 171960

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

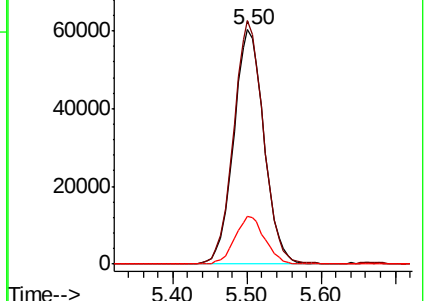
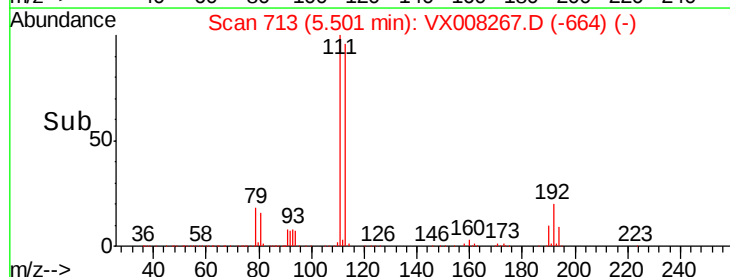
192 20.1 19.4 29.0

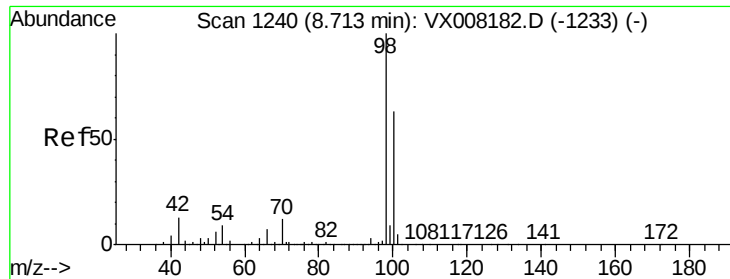


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.271 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008267.D

Acq: 21 Mar 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

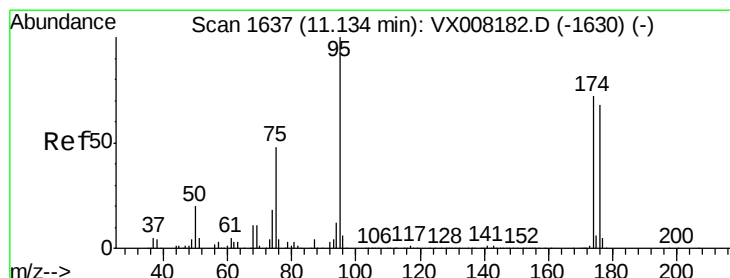
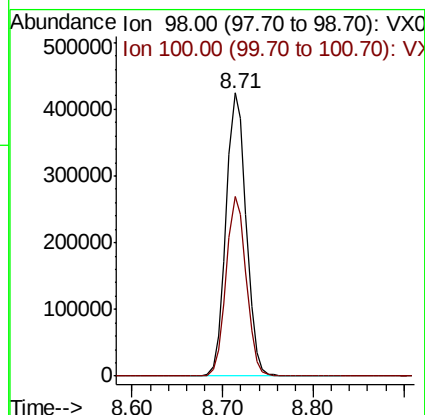
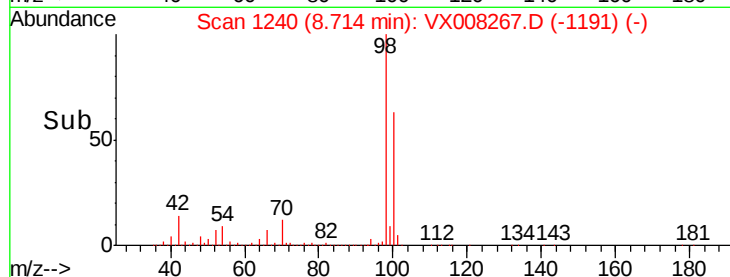
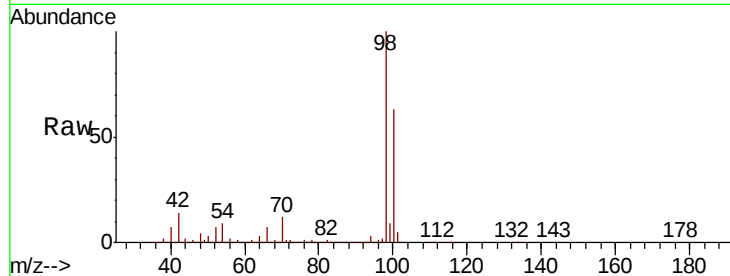
TB-20190226

Tot Ion: 98 Resp: 655830

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.367 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008267.D

Acq: 21 Mar 2019 02:26

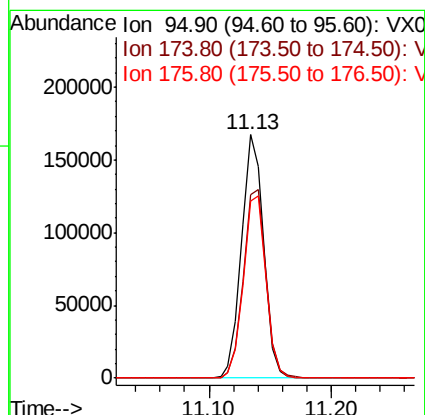
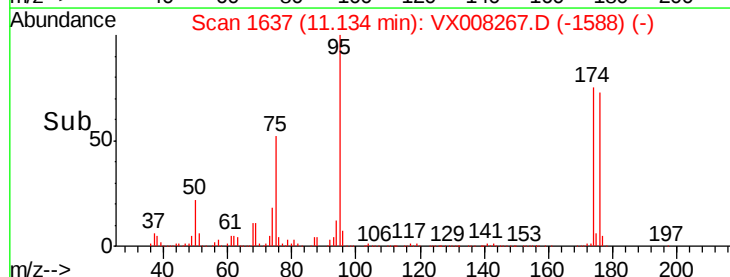
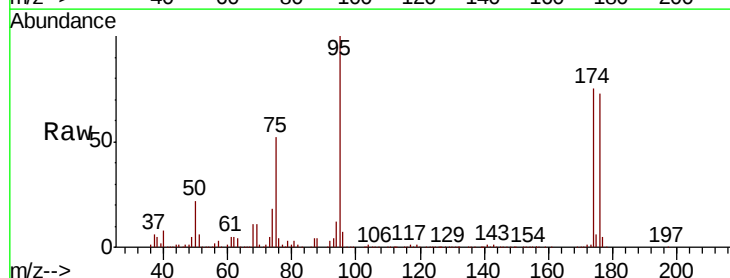
Tgt Ion: 95 Resp: 207552

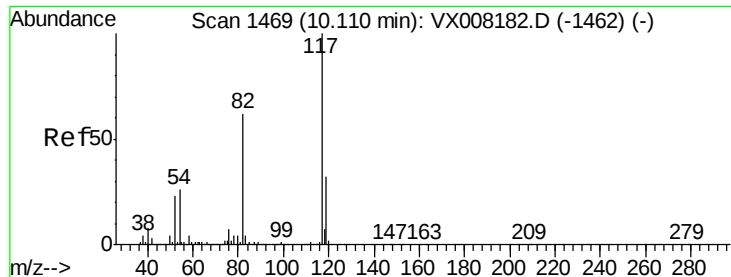
Ion Ratio Lower Upper

95 100

174 79.7 0.0 182.8

176 77.0 0.0 178.0

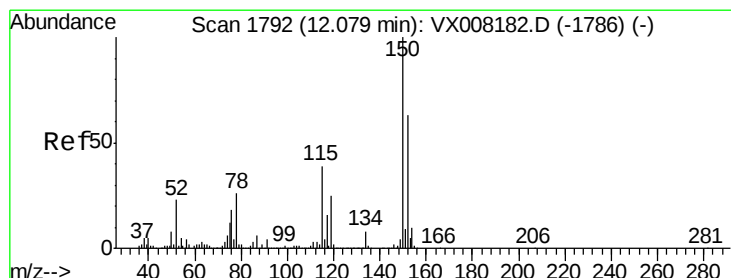
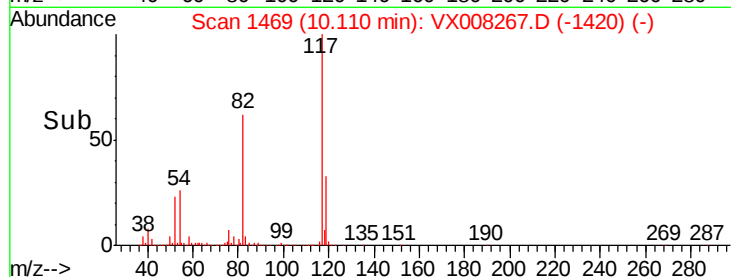
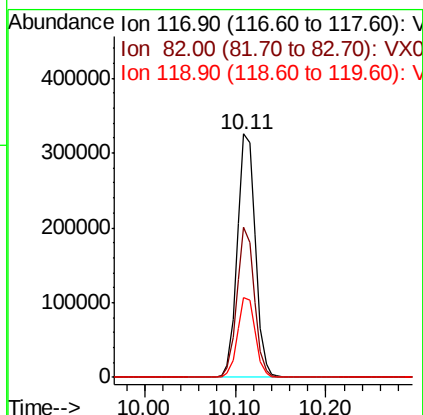
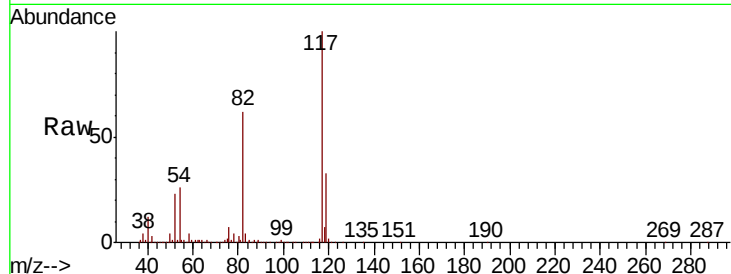




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008267.D
Acq: 21 Mar 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
TB-20190226

Tot Ion:117 Resp: 448264
Ion Ratio Lower Upper
117 100
82 61.7 44.3 66.5
119 32.6 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: VX008267.D
Acq: 21 Mar 2019 02:26

Tgt Ion:152 Resp: 180277
Ion Ratio Lower Upper
152 100
115 59.7 38.6 115.7
150 156.7 0.0 348.4

