

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002410.D
 Acq On : 08 Jun 2018 18:57
 Operator : JC/MD
 Sample : J3407-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-WATERREF-4

Quant Time: Jun 09 03:33:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151733	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	146706	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	108833	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
50) Toluene-d8	8.72	98	433776	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	11.14	95	147003	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	

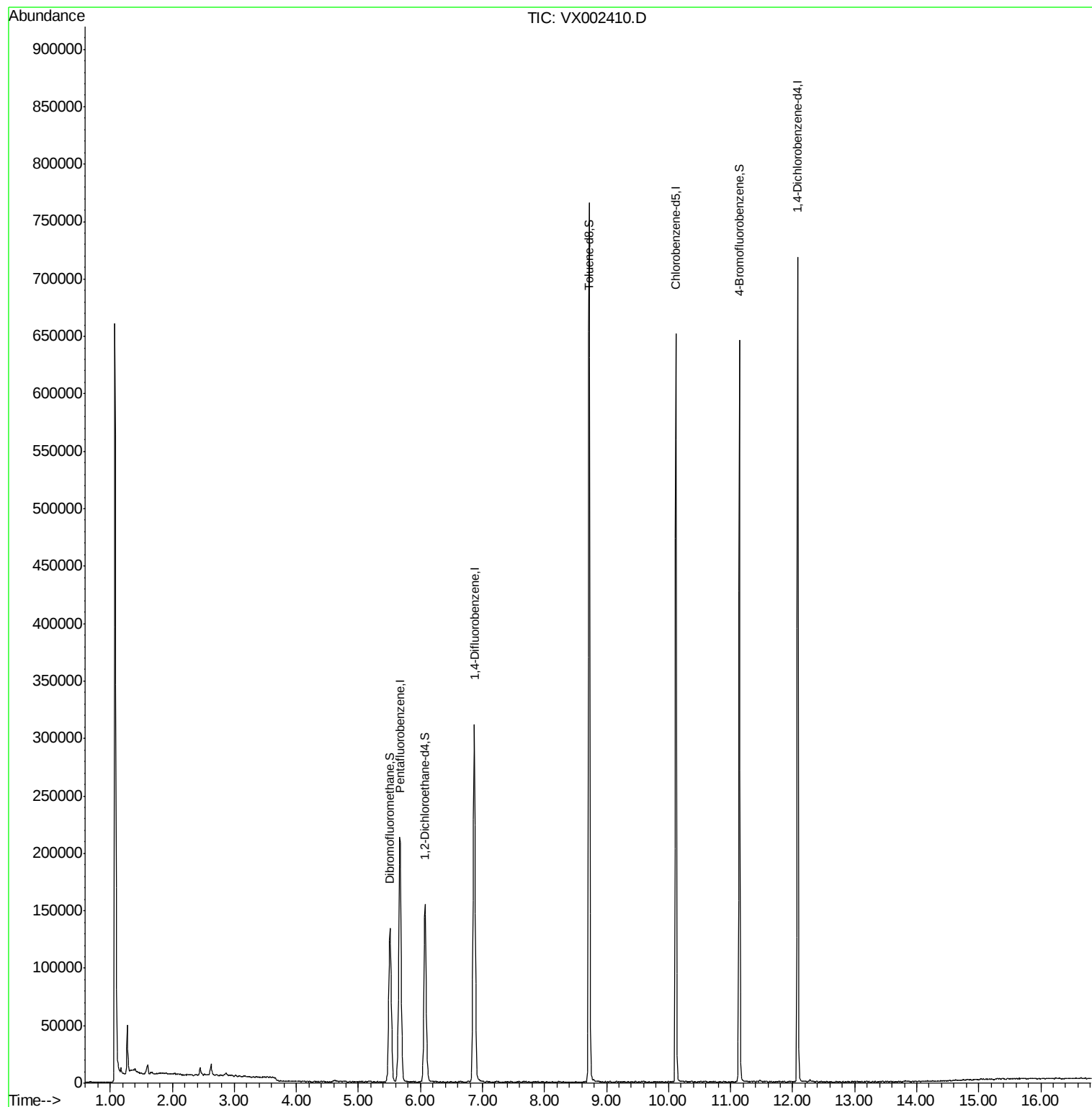
Target Compounds	Qvalue
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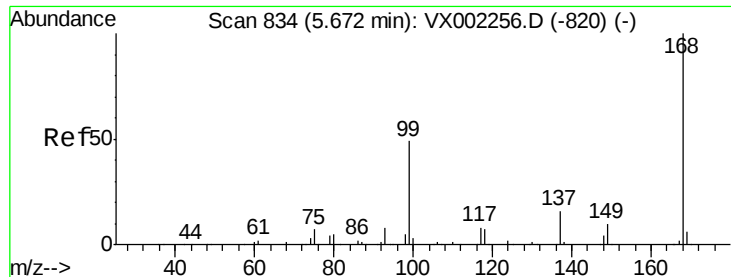
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002410.D

Acq: 08 Jun 2018 18:57

Instrument :

MSVOA_X

ClientSampleId :

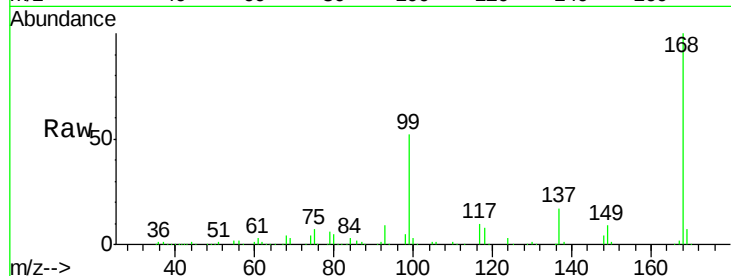
STORAGEBLANK-WATERREF-4

Tgt Ion:168 Resp: 206186

Ion Ratio Lower Upper

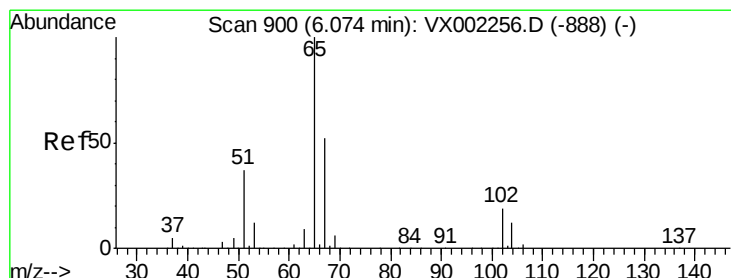
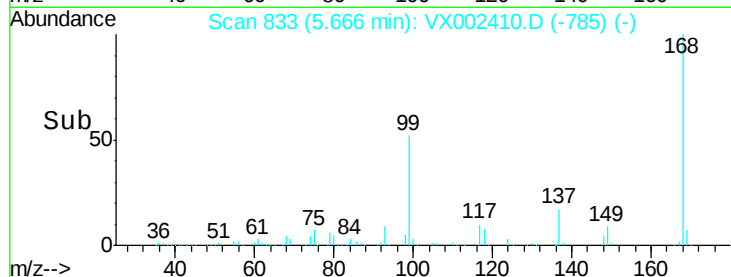
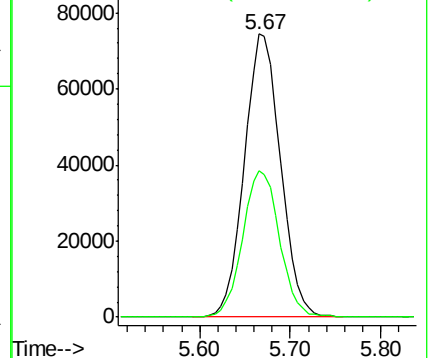
168 100

99 51.6 39.3 58.9



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: 49.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002410.D

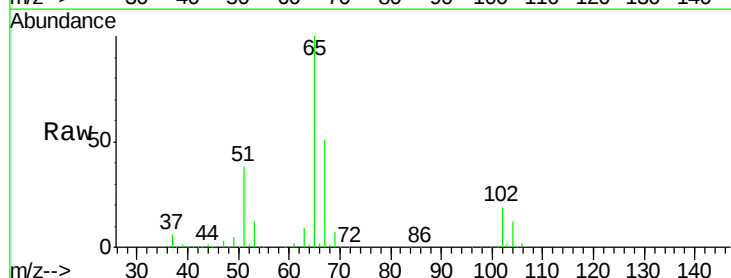
Acq: 08 Jun 2018 18:57

Tgt Ion: 65 Resp: 146706

Ion Ratio Lower Upper

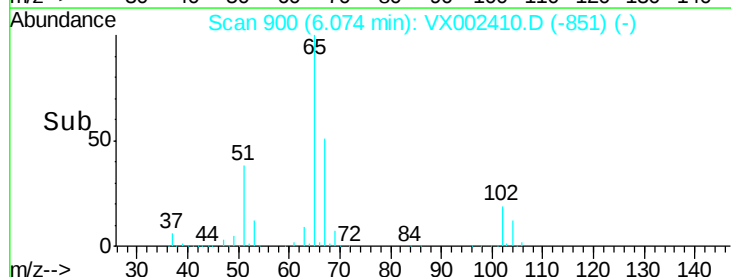
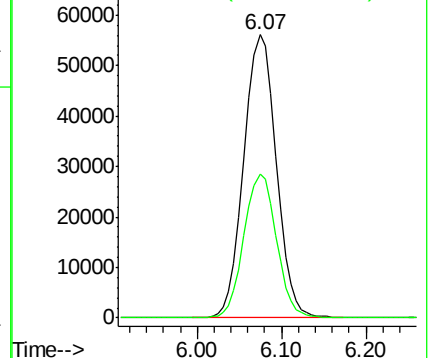
65 100

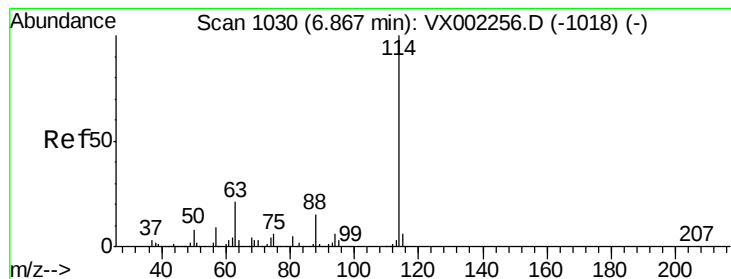
67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002410.D

Acq: 08 Jun 2018 18:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-4

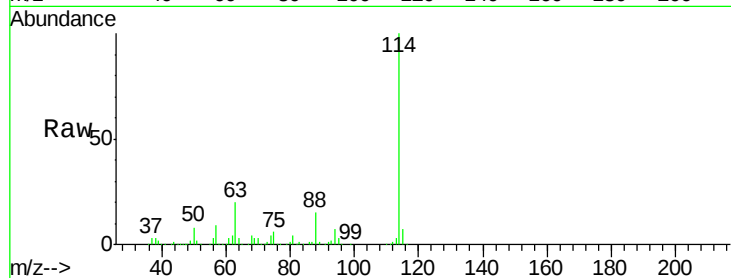
Tgt Ion:114 Resp: 303831

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

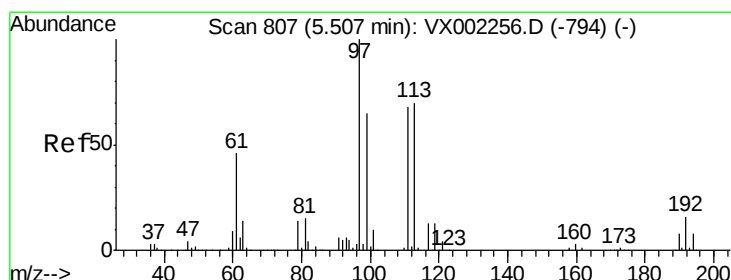
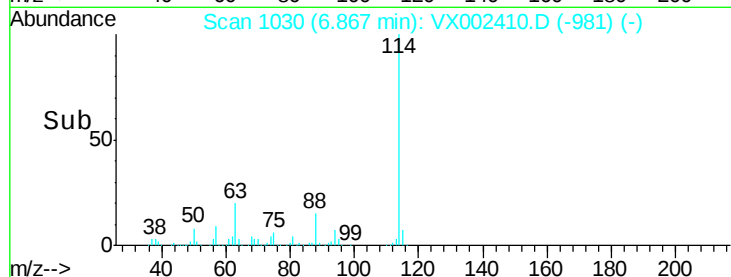
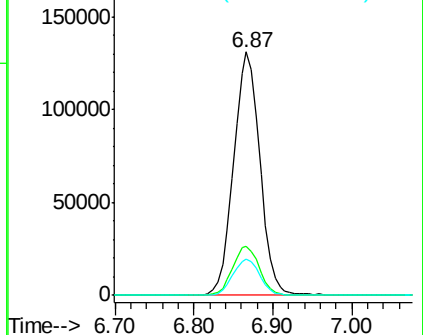
88 15.1 0.0 30.0



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: 45.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002410.D

Acq: 08 Jun 2018 18:57

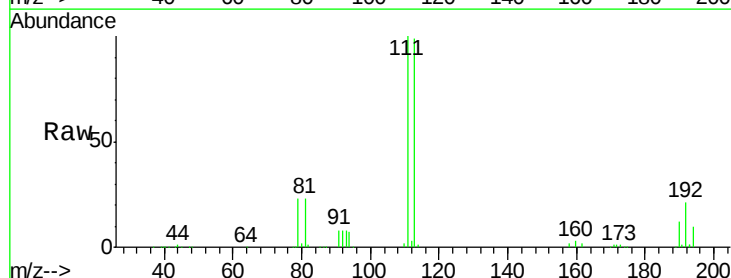
Tgt Ion:113 Resp: 108833

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

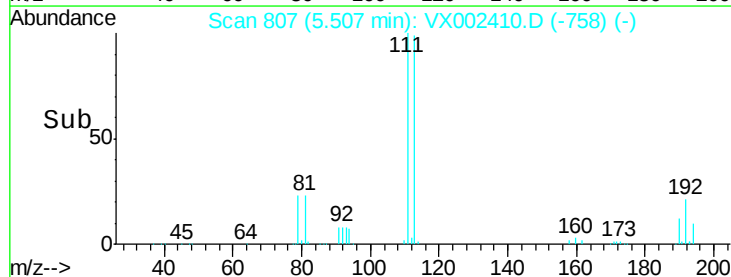
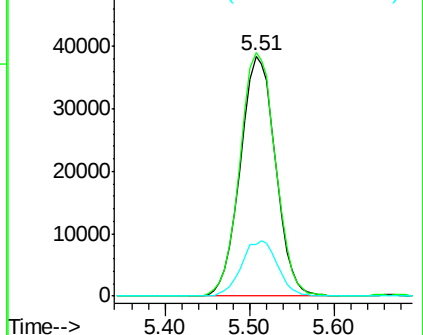
192 23.6 19.1 28.7

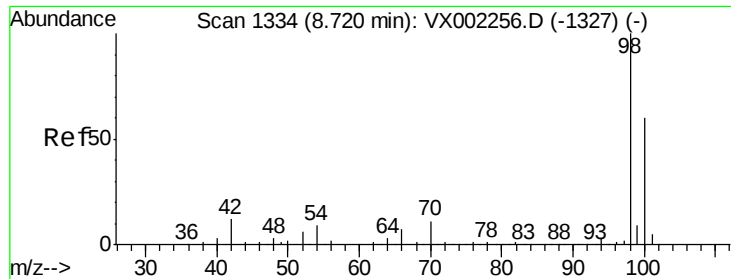


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002410.D

Acq: 08 Jun 2018 18:57

Instrument :

MSVOA_X

ClientSampleId :

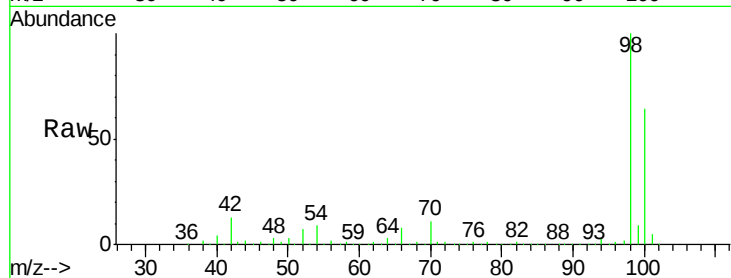
STORAGEBLANK-WATERREF-4

Tgt Ion: 98 Resp: 433776

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

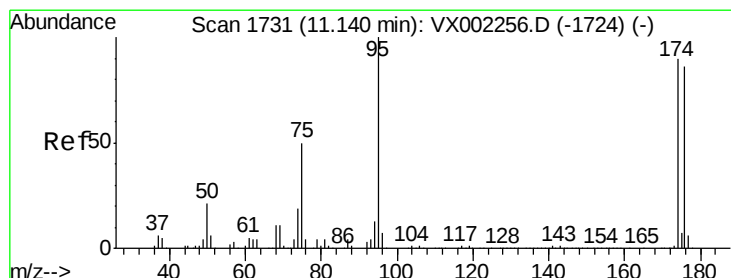
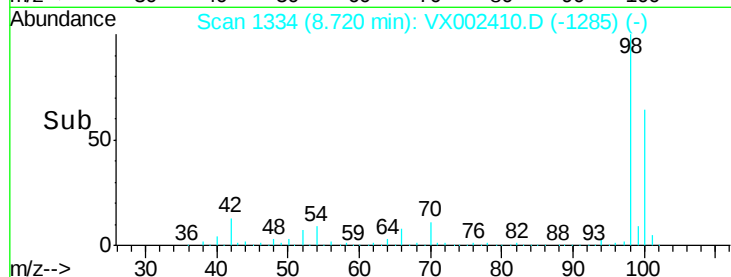
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 41.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002410.D

Acq: 08 Jun 2018 18:57

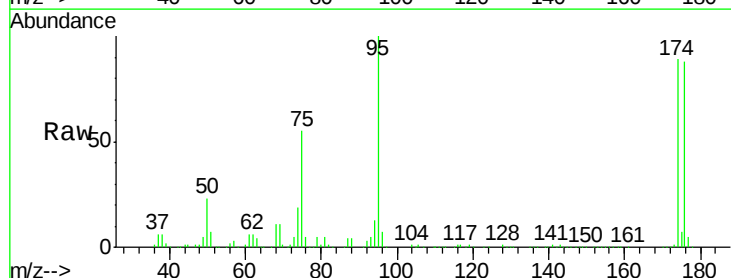
Tgt Ion: 95 Resp: 147003

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

176 92.8 0.0 181.0



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

11.14

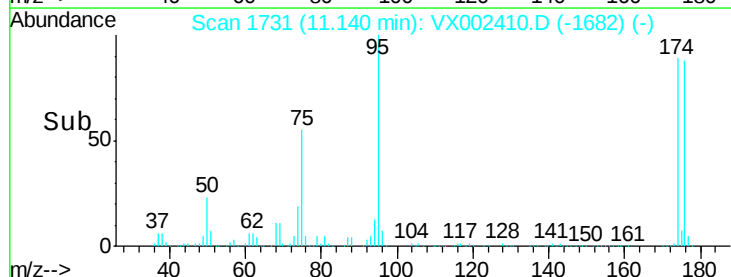
150000

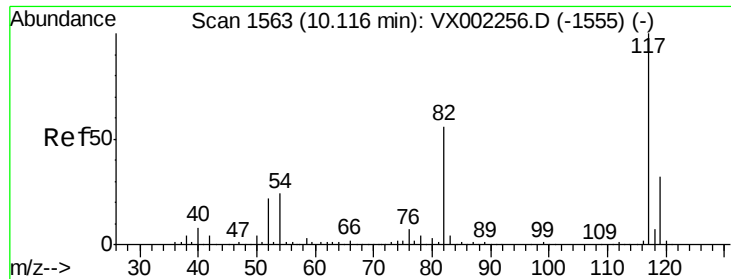
100000

50000

0

Time--> 11.10 11.20

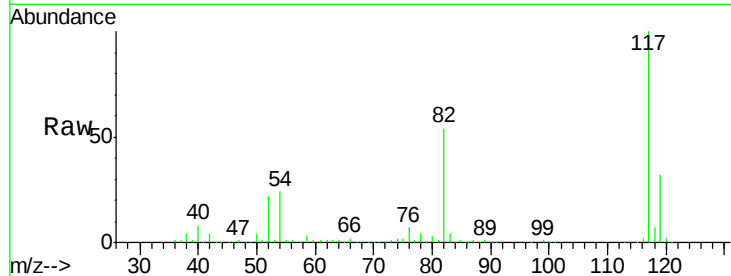




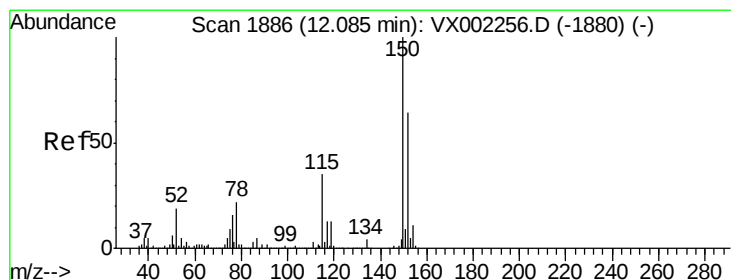
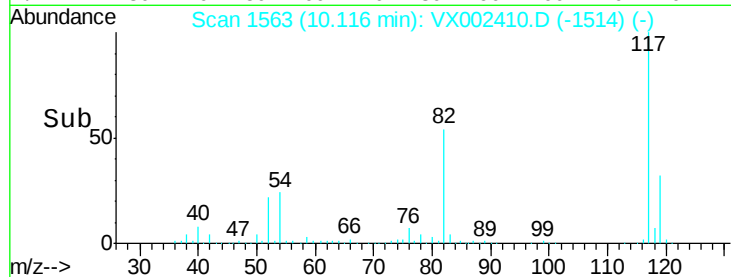
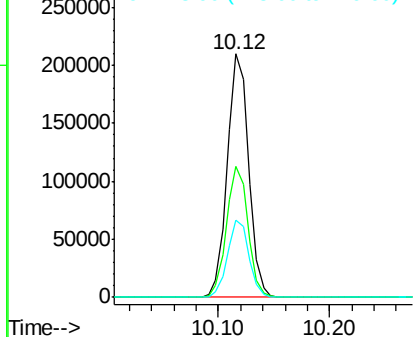
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002410.D
Acq: 08 Jun 2018 18:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-4

Tgt Ion:117 Resp: 277650
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 31.8 25.8 38.6

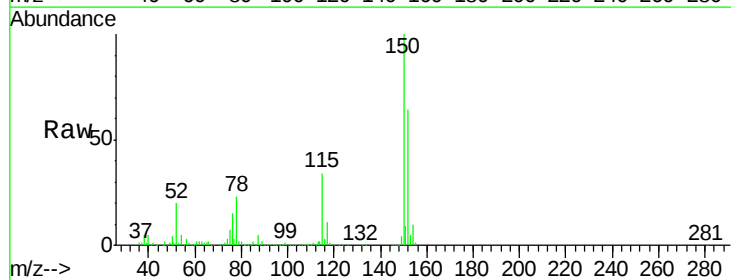


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002410.D
Acq: 08 Jun 2018 18:57

Tgt Ion:152 Resp: 151733
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 156.1 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

