

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002409.D
 Acq On : 08 Jun 2018 18:30
 Operator : JC/MD
 Sample : J3407-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SOILREF-5

Quant Time: Jun 09 11:25:39 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	199316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132543	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138528	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.51	113	102514	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.72	98	409908	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.14	95	133263	39.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.96%	

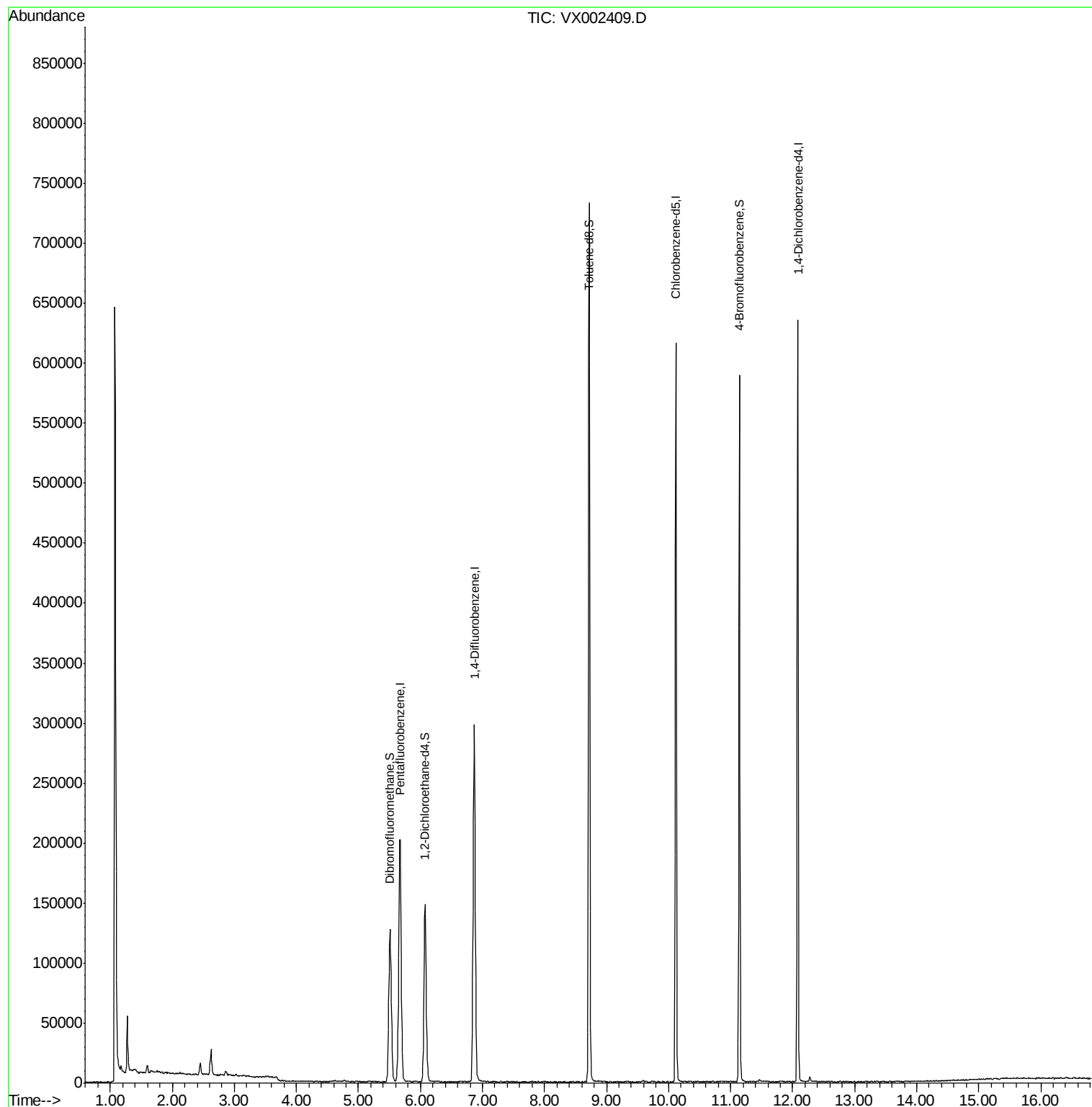
Target Compounds	Qvalue

(#) = 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# 834

Delta R.T. -0.00 min

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Acq: 08 Jun 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

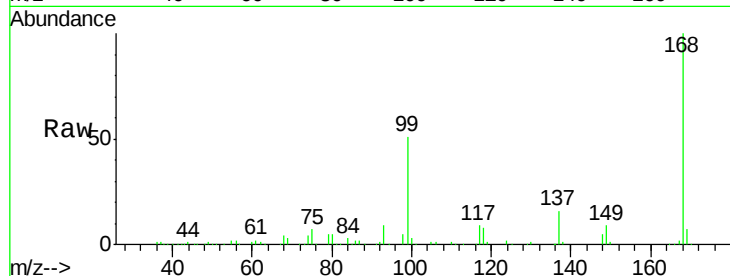
STORAGEBLANK-SOILREF-5

Tgt Ion:168 Resp: 199316

Ion Ratio Lower Upper

168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

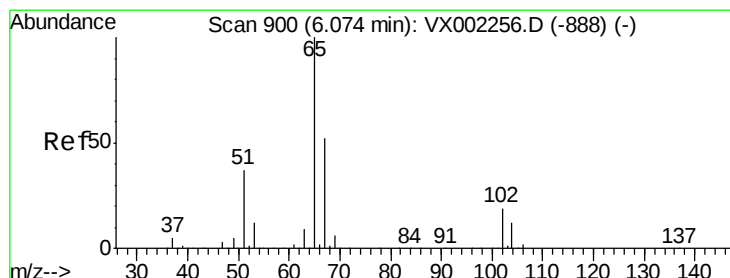
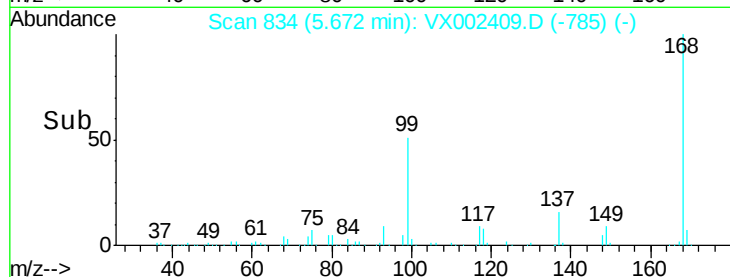
40000

20000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002409.D

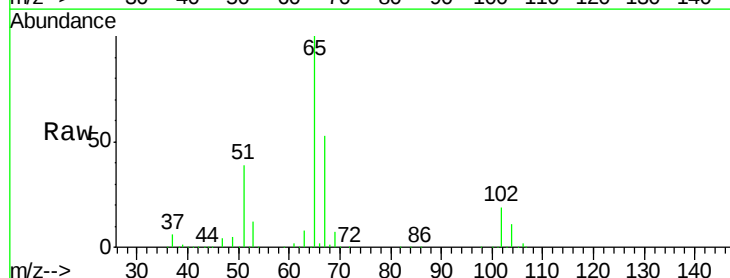
Acq: 08 Jun 2018 18:30

Tgt Ion: 65 Resp: 138528

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

30000

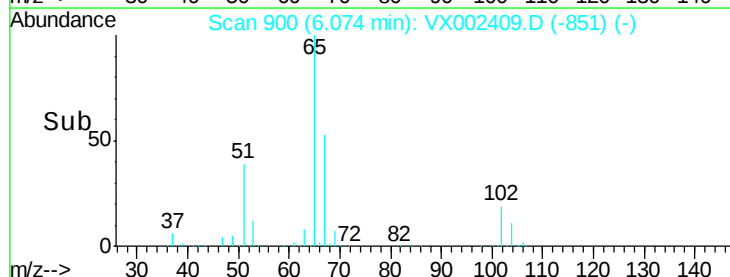
20000

10000

0

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002409.D

Acq: 08 Jun 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-5

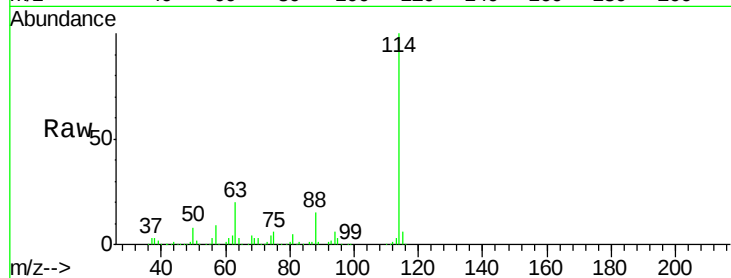
Tgt Ion:114 Resp: 290395

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

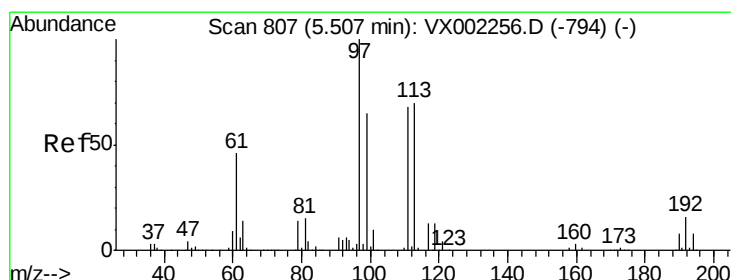
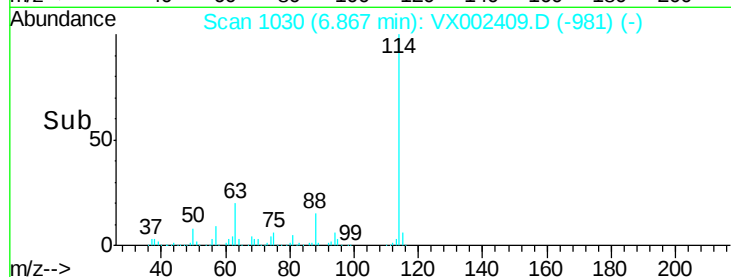
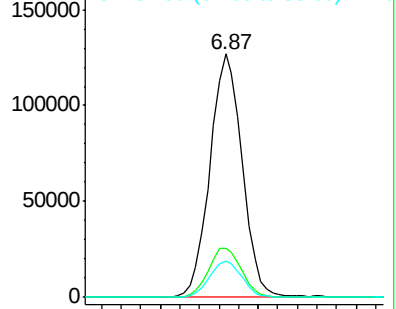
88 15.1 0.0 30.0



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: 44.89 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002409.D

Acq: 08 Jun 2018 18:30

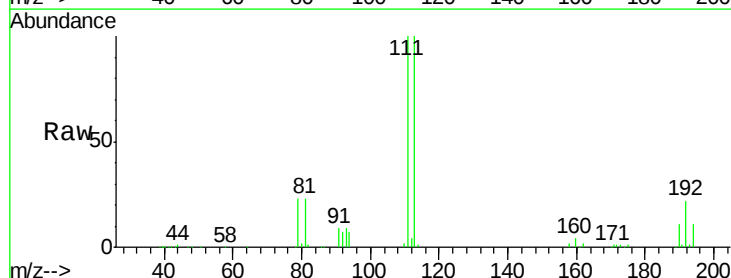
Tgt Ion:113 Resp: 102514

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

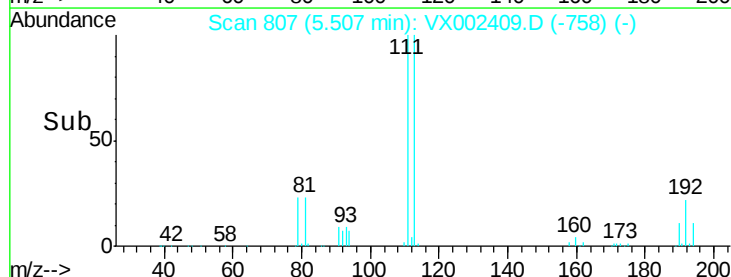
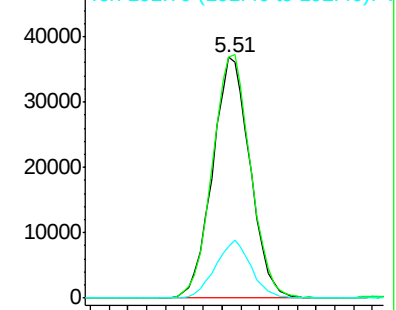
192 22.9 19.1 28.7

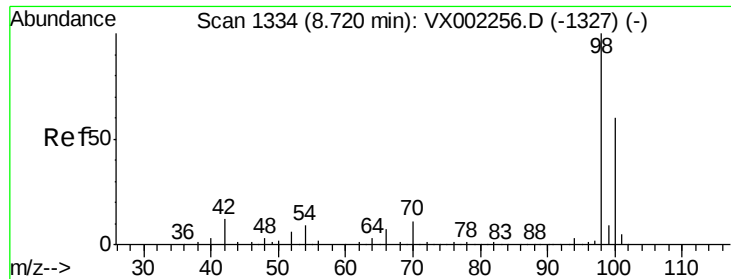


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

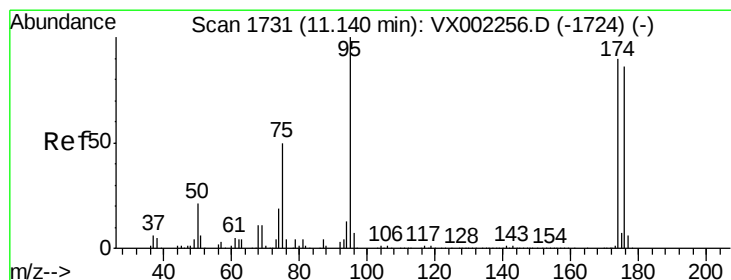
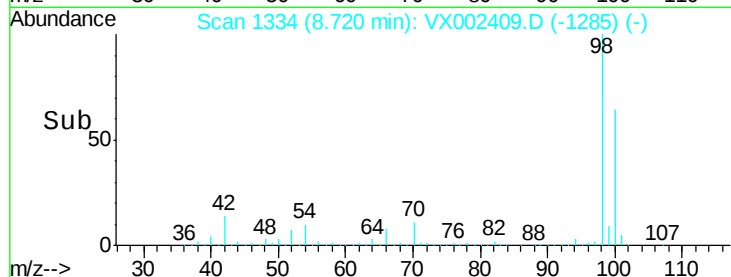
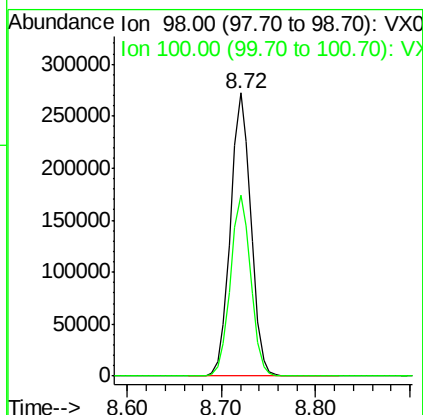
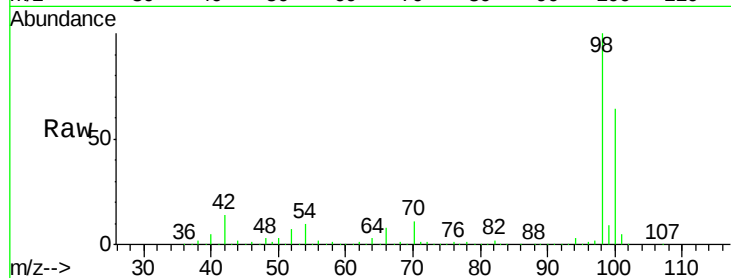




#50
Toluene-d8
Concen: 46.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002409.D
Acq: 08 Jun 2018 18:30

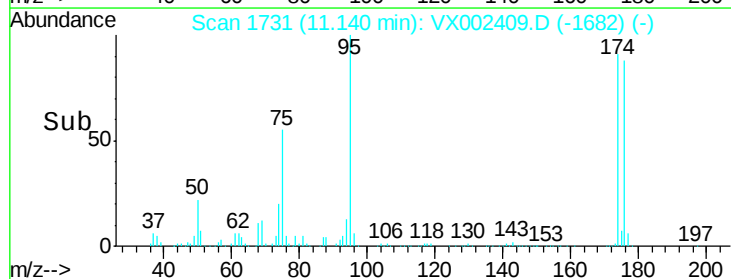
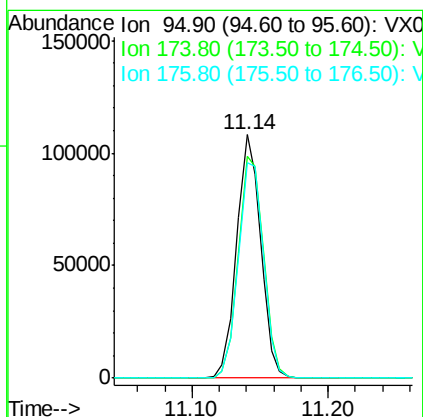
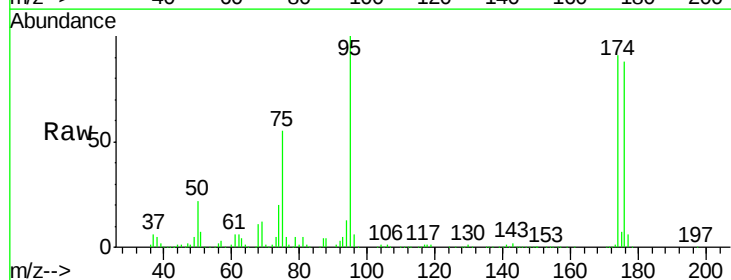
Instrument :
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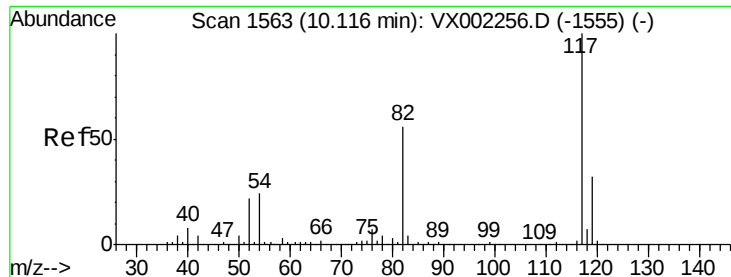
Tgt Ion: 98 Resp: 409908
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.48 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002409.D
Acq: 08 Jun 2018 18:30

Tgt Ion: 95 Resp: 133263
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.4
176 93.3 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002409.D

Acq: 08 Jun 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-5

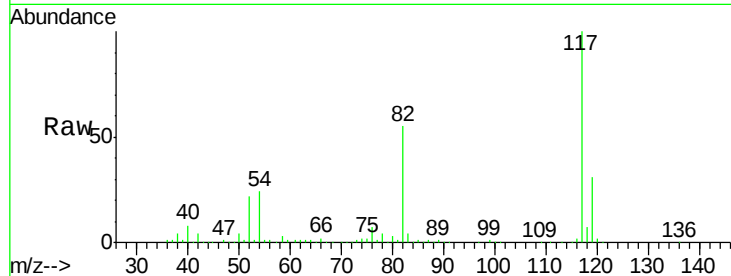
Tgt Ion:117 Resp: 261353

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.4

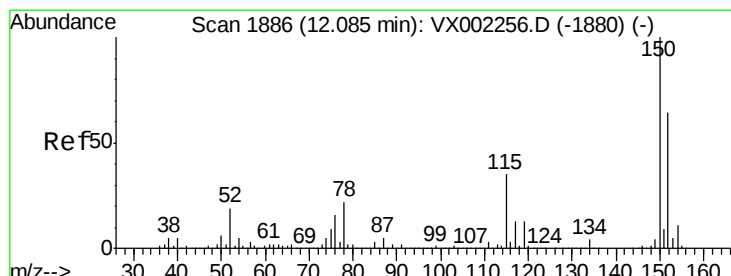
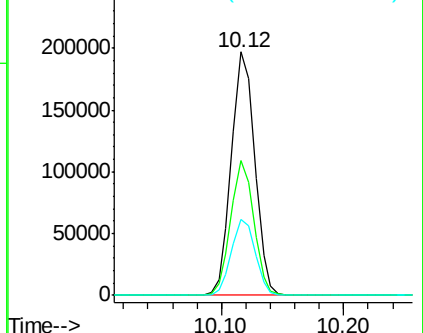
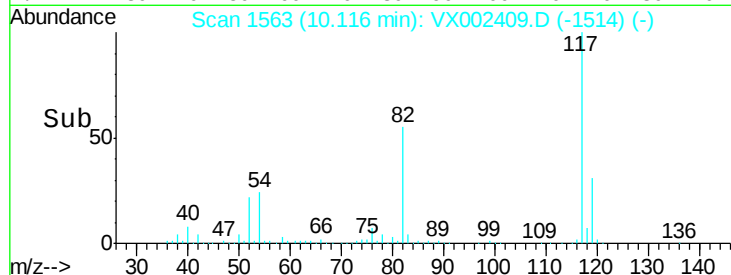
119 31.3 25.8 38.6



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: VX002409.D

Acq: 08 Jun 2018 18:30

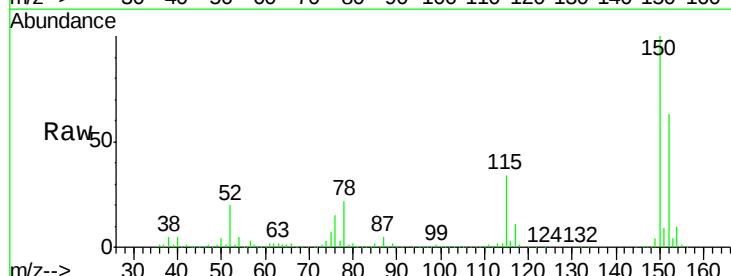
Tgt Ion:152 Resp: 132543

Ion Ratio Lower Upper

152 100

115 56.0 40.1 120.2

150 155.6 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

