

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002311.D
 Acq On : 05 Jun 2018 17:44
 Operator : JC/MD
 Sample : J3268-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW160-180529

Quant Time: Jun 06 05:42:35 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

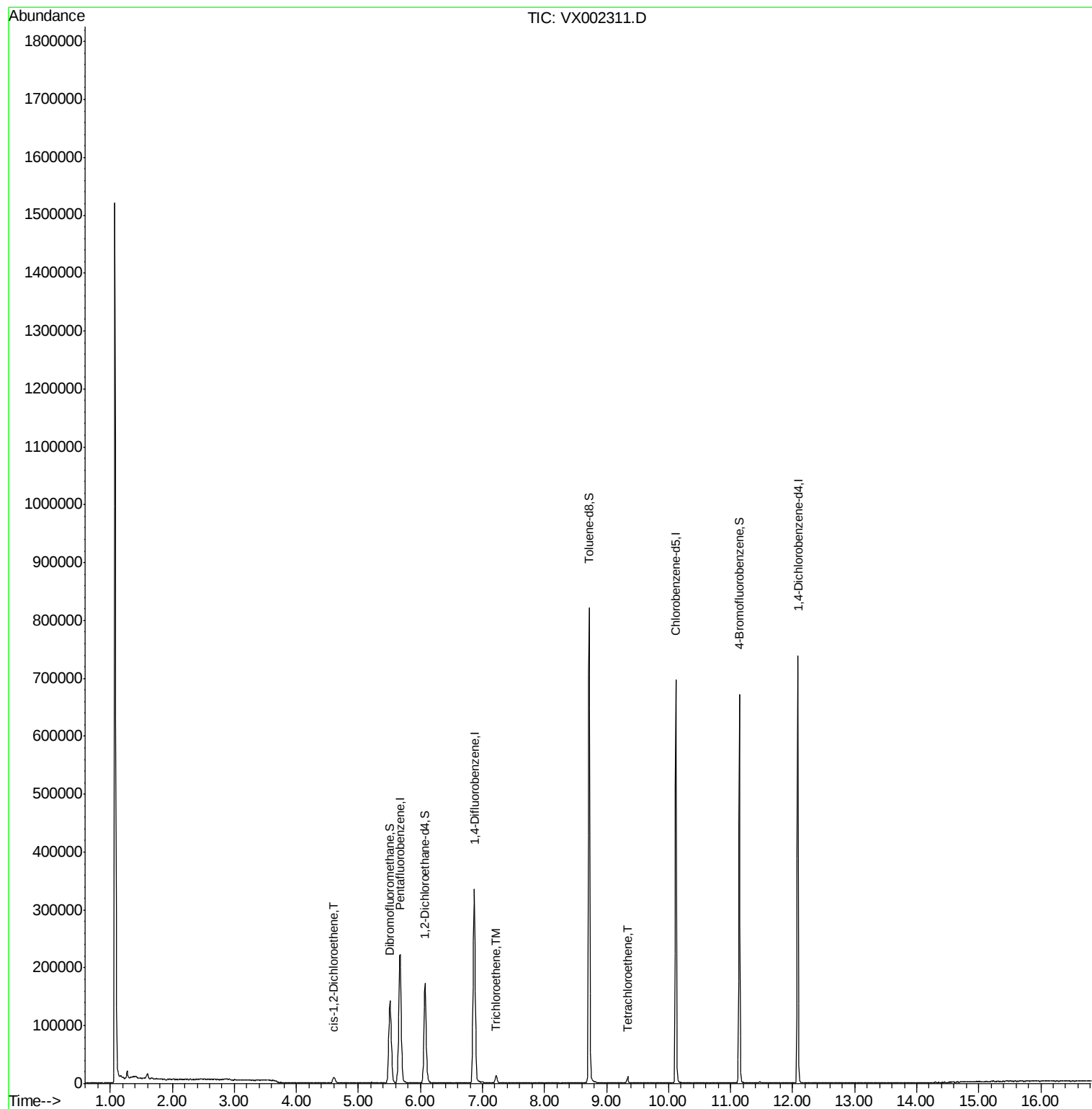
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158002	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	5.51	113	115134	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
50) Toluene-d8	8.72	98	465920	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	153108	40.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	5433	1.941	ug/l	83
44) Trichloroethene	7.22	130	4813	1.647	ug/l	99
64) Tetrachloroethene	9.34	164	2204	0.730	ug/l	89

(#) = 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# 834

Delta R.T. 0.00 min

Lab File: VX002311.D

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Instrument :

MSVOA_X

ClientSampleId :

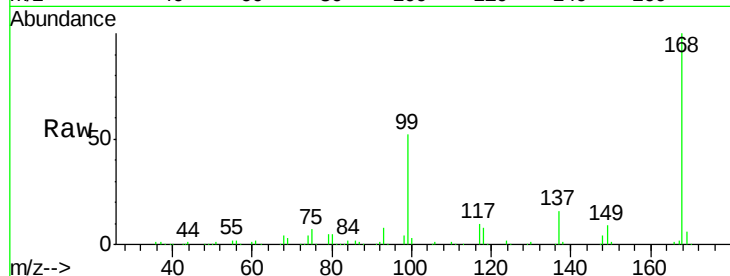
SS052MW160-180529

Tot Ion:168 Resp: 219285

Ion Ratio Lower Upper

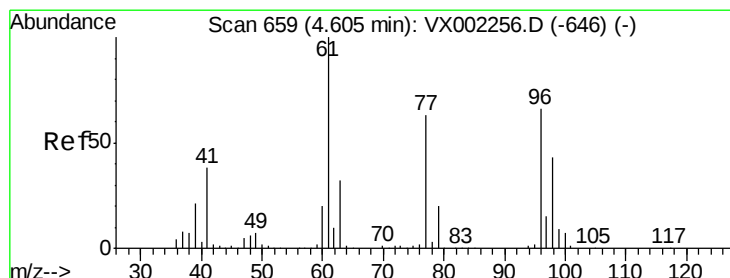
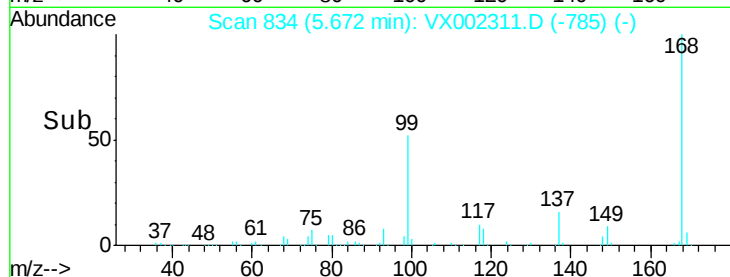
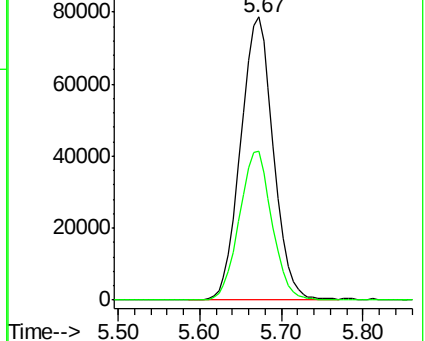
168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.941 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

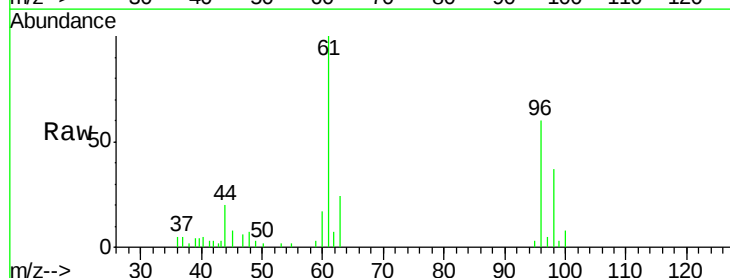
Tgt Ion: 96 Resp: 5433

Ion Ratio Lower Upper

96 100

61 196.6 0.0 330.2

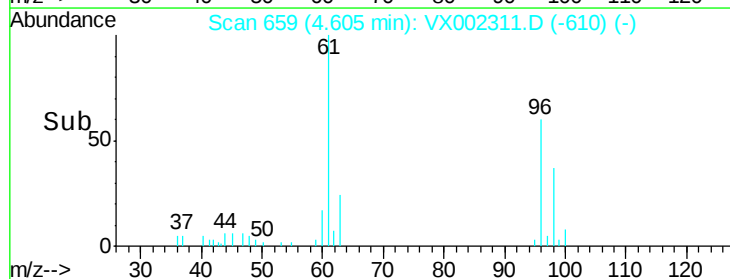
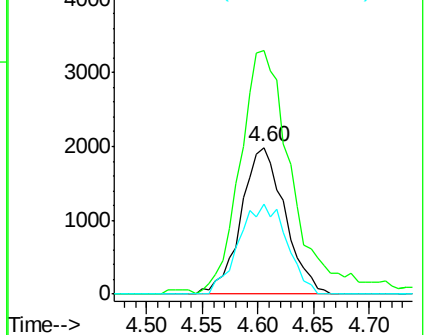
98 66.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.416 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

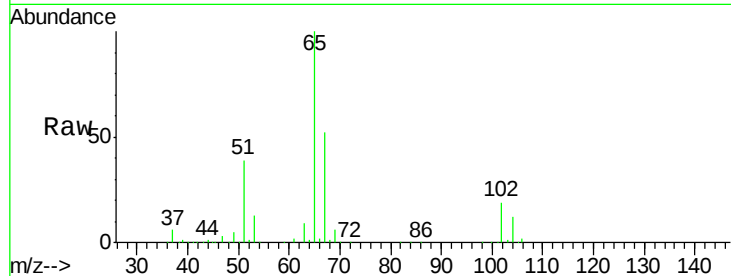
SS052MW160-180529

Tot Ion: 65 Resp: 158002

Ion Ratio Lower Upper

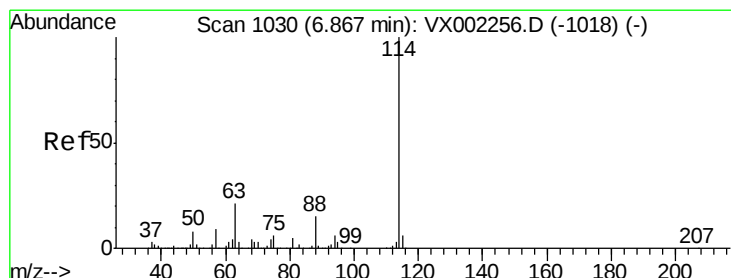
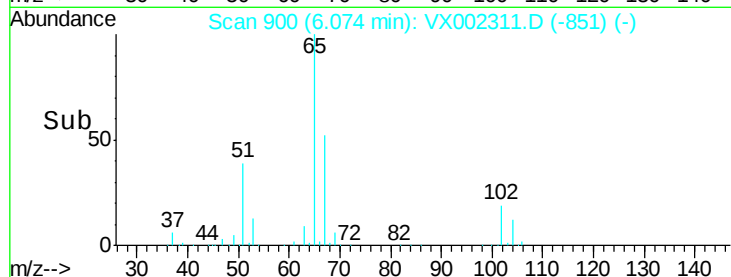
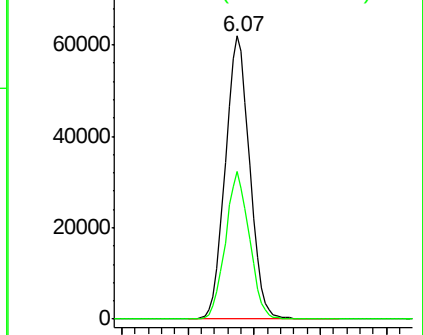
65 100

67 51.4 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

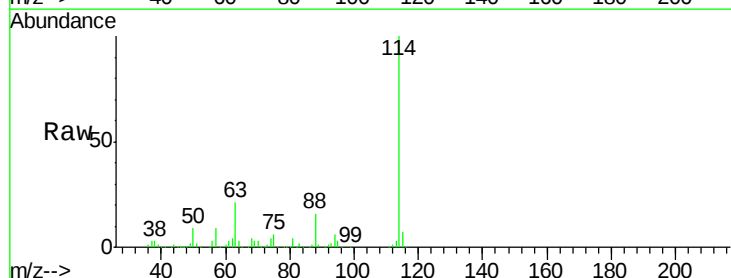
Tgt Ion: 114 Resp: 326560

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

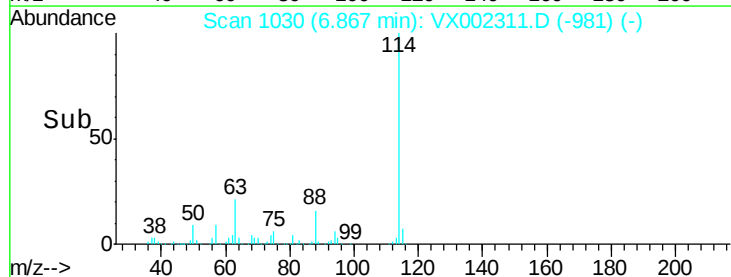
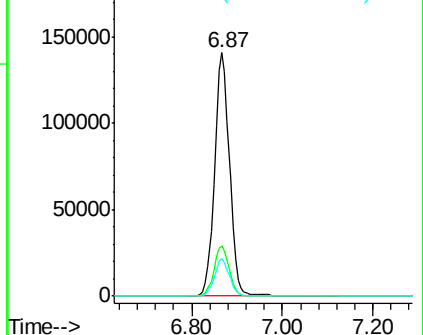
88 15.5 0.0 30.0

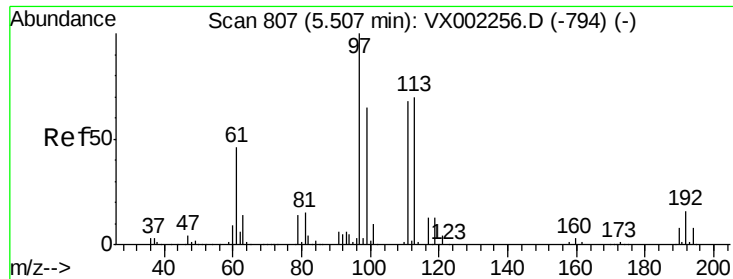


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

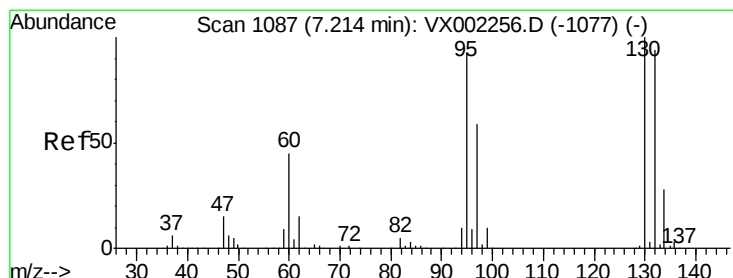
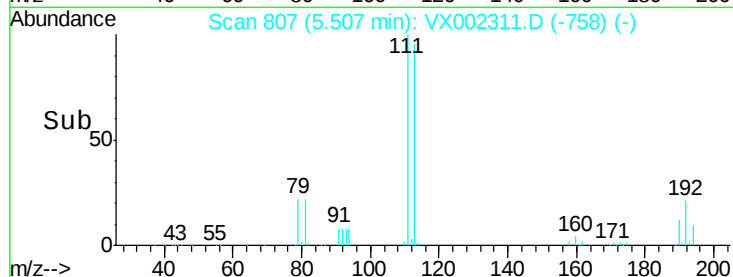
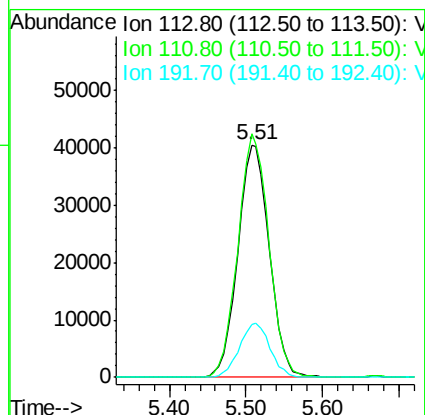
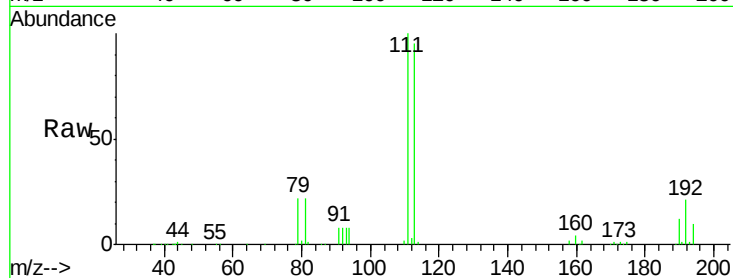




#35
 Dibromofluoromethane
 Concen: 44.832 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002311.D
 Acq: 05 Jun 2018 17:44

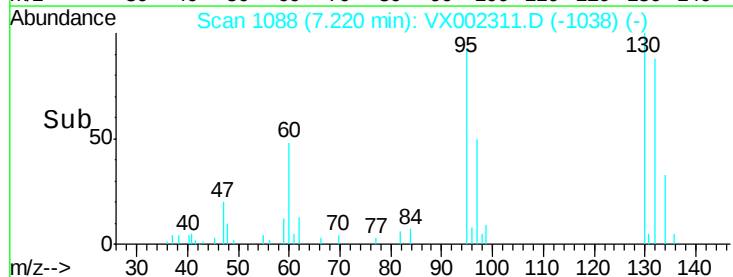
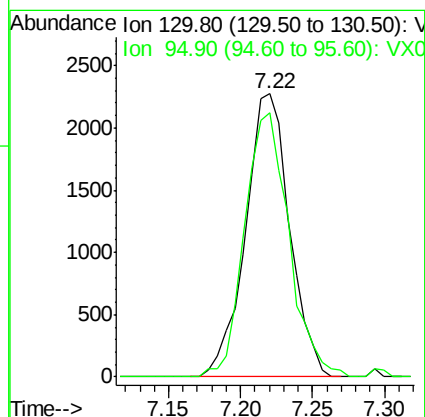
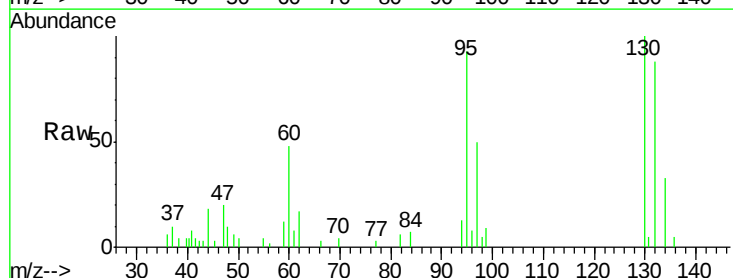
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW160-180529

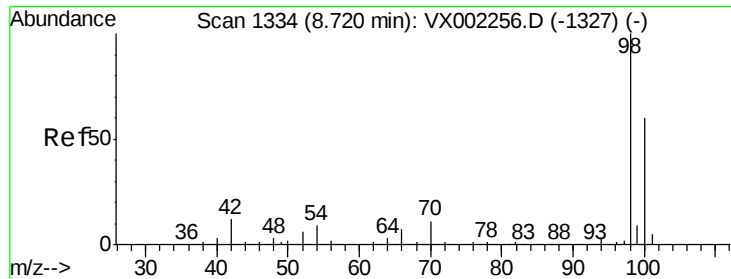
Tot Ion:113 Resp: 115134
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.4 122.0
 192 22.7 19.1 28.7



#44
 Trichloroethene
 Concen: 1.647 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002311.D
 Acq: 05 Jun 2018 17:44

Tgt Ion:130 Resp: 4813
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 185.4





#50

Toluene-d8

Concen: 47.333 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

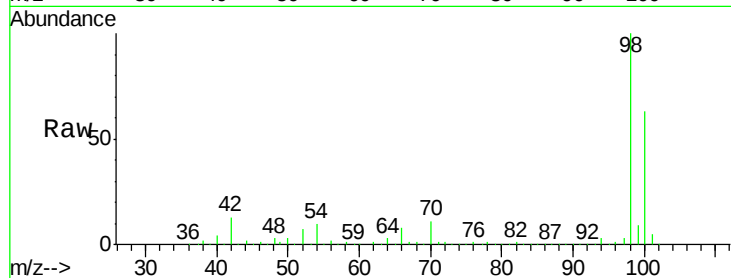
SS052MW160-180529

Tot Ion: 98 Resp: 465920

Ion Ratio Lower Upper

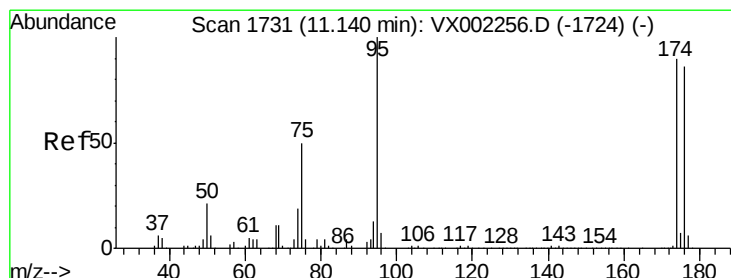
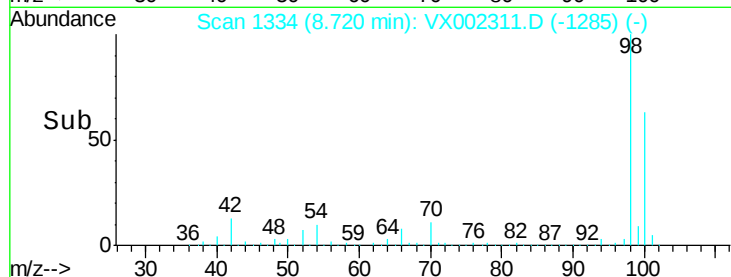
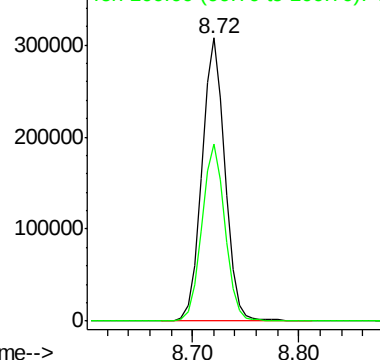
98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 40.337 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

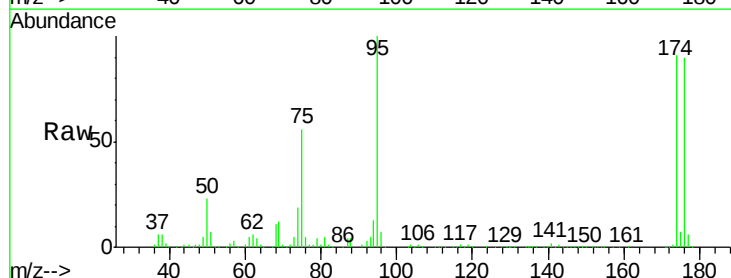
Tgt Ion: 95 Resp: 153108

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

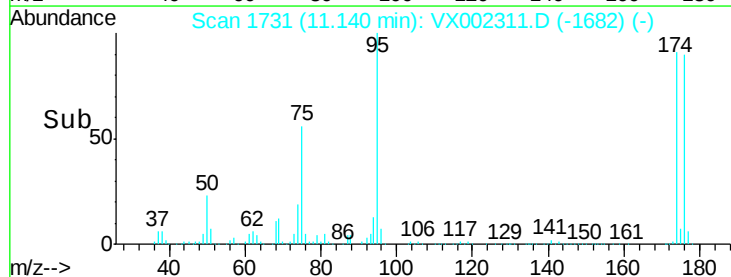
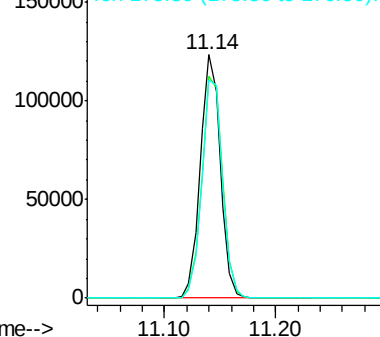
176 92.4 0.0 181.0

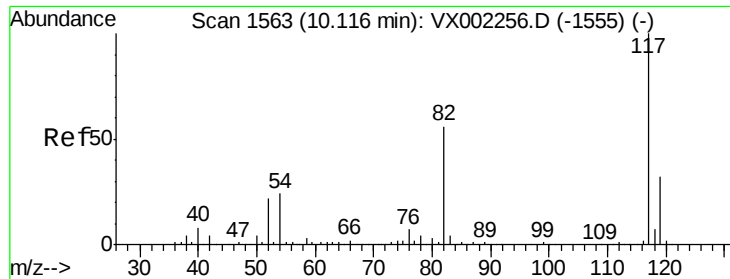


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

SS052MW160-180529

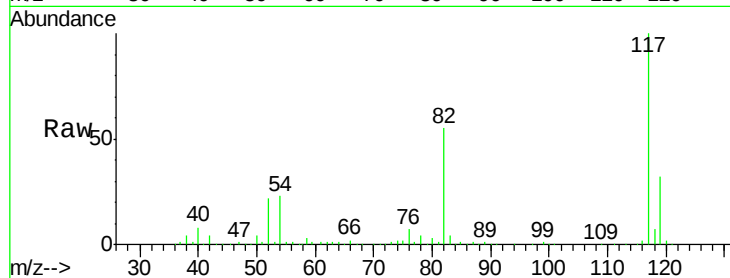
Tot Ion:117 Resp: 292642

Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.4

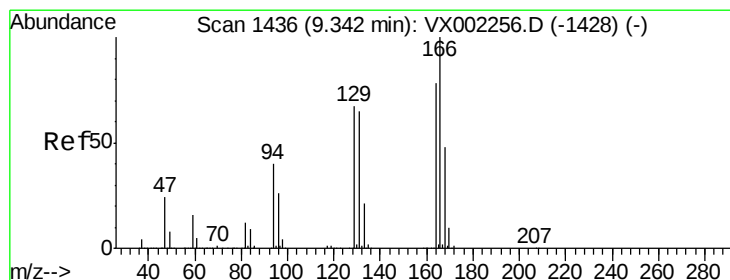
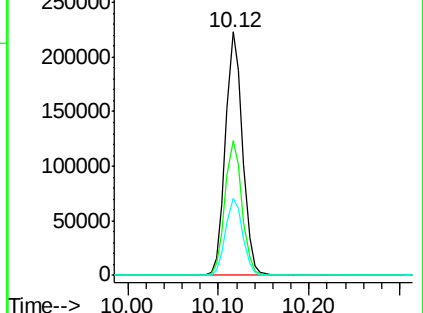
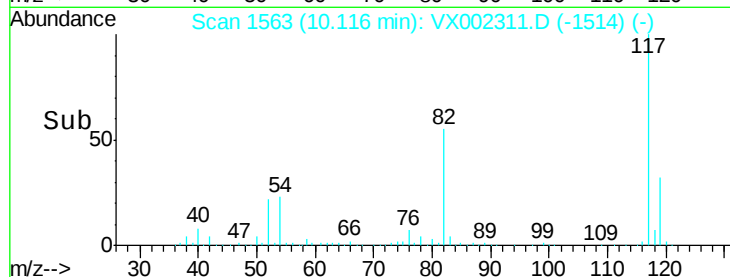
119 31.7 25.8 38.6



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



#64

Tetrachloroethene

Concen: 0.730 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

Tgt Ion:164 Resp: 2204

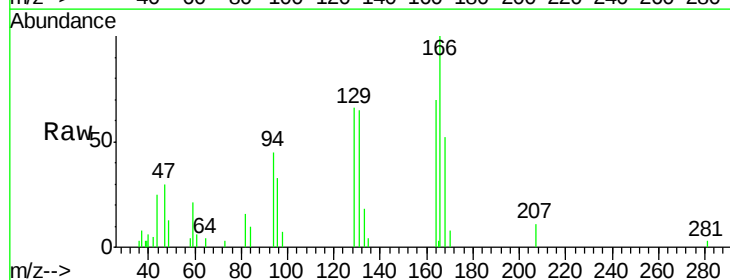
Ion Ratio Lower Upper

164 100

166 143.5 102.9 154.3

129 94.8 68.6 102.8

131 93.1 66.8 100.2

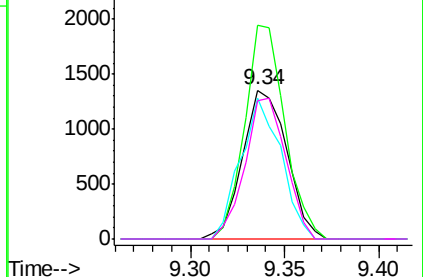
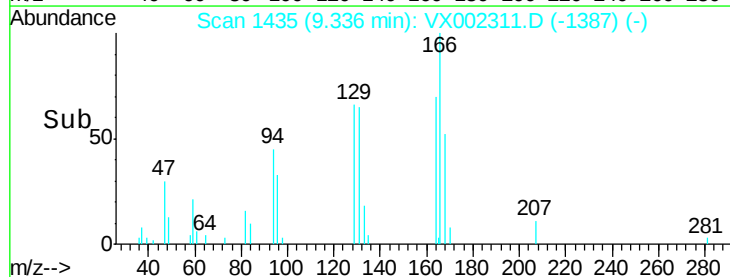


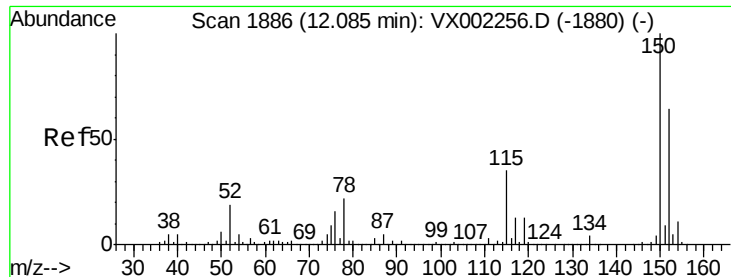
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002311.D

Acq: 05 Jun 2018 17:44

Instrument :

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ClientSampleId :

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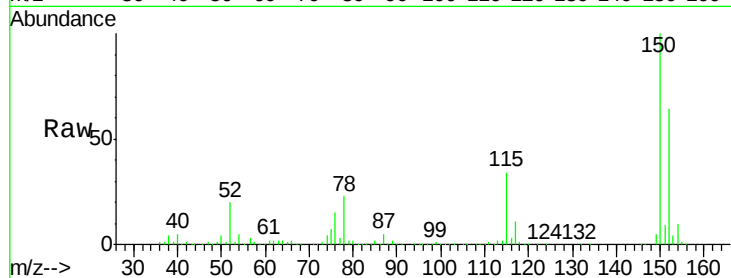
Tot Ion:152 Resp: 151371

Ion Ratio Lower Upper

152 100

115 55.2 40.1 120.2

150 157.0 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

