

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014100.D
 Acq On : 18 Dec 2019 16:34
 Operator : JC/SP
 Sample : K6300-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-1

Quant Time: Dec 19 03:28:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

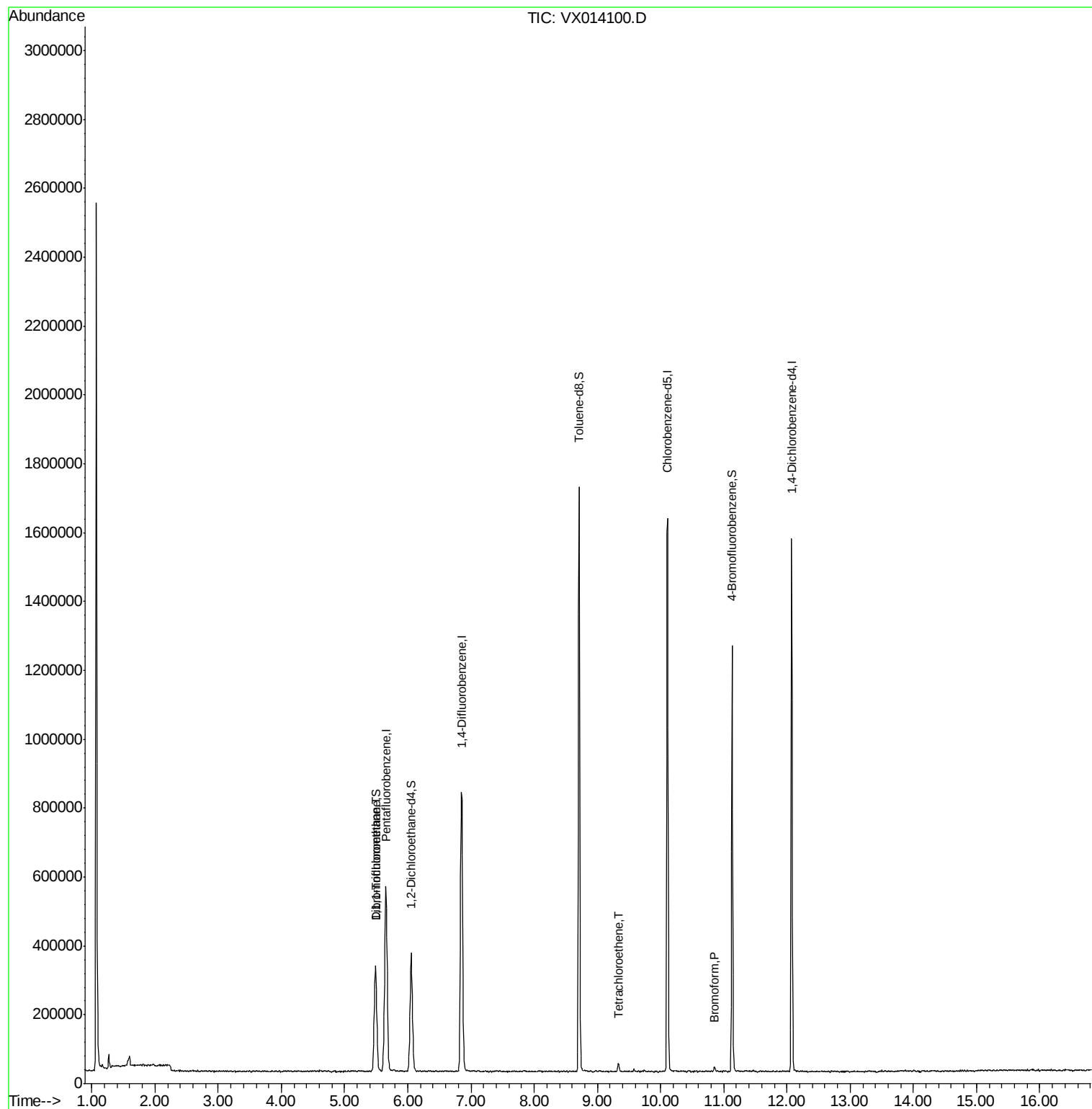
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	551381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	847490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	755198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	311698	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	5.49	113	253732	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	1008861	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	331438	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
Target Compounds						
32) 1,1,1-Trichloroethane	5.49	97	10984	1.295	ug/l #	44
64) Tetrachloroethene	9.33	164	5981	0.895	ug/l #	79
71) Bromoform	10.85	173	6020	1.306	ug/l #	93

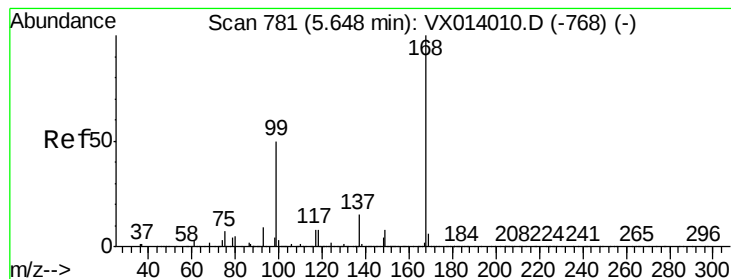
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

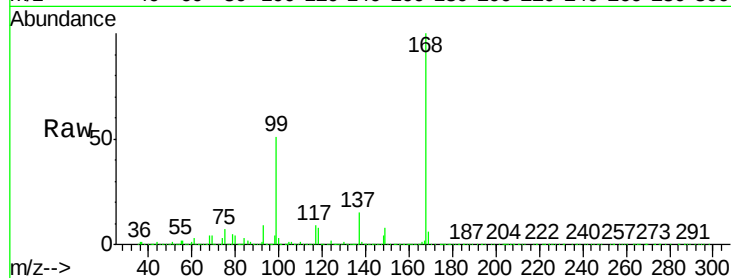
SSI-MW-1

Tot Ion:168 Resp: 551381

Ion Ratio Lower Upper

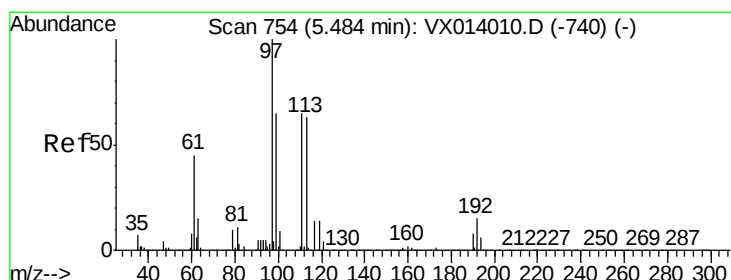
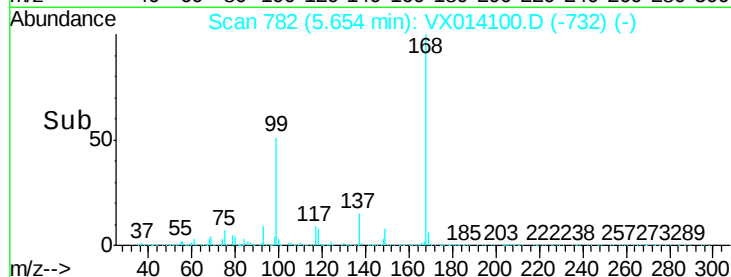
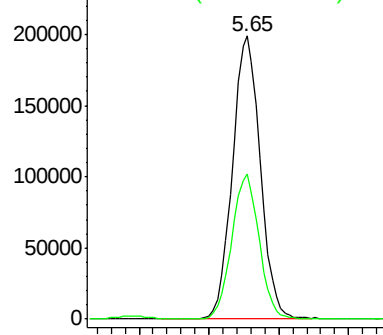
168 100

99 51.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#32

1,1,1-Trichloroethane

Concen: 1.295 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

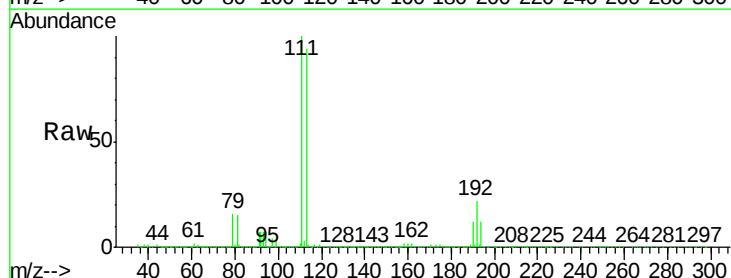
Tgt Ion: 97 Resp: 10984

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

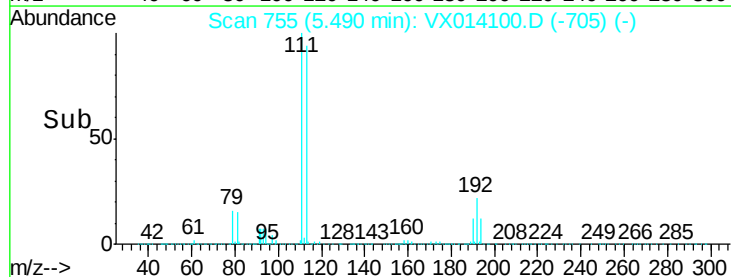
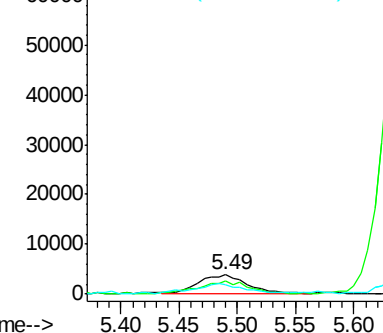
61 59.0 36.7 55.1#

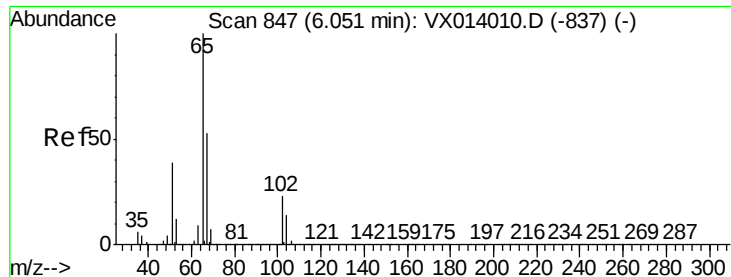


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.879 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

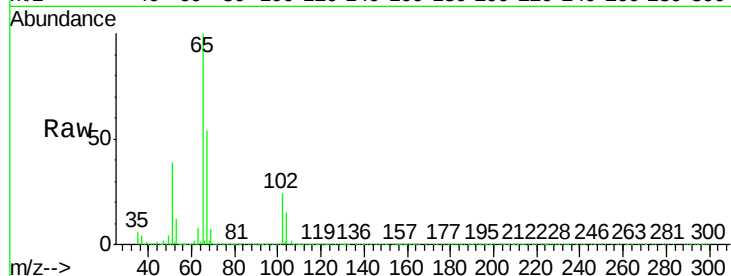
SSI-MW-1

Tot Ion: 65 Resp: 311698

Ion Ratio Lower Upper

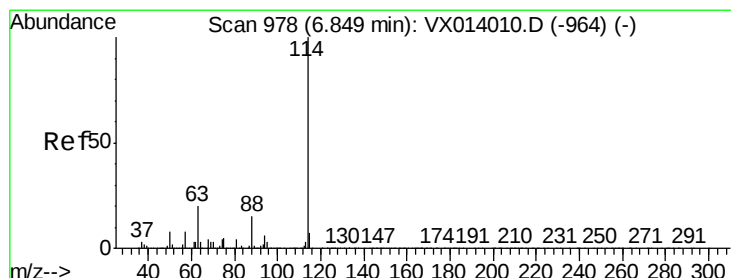
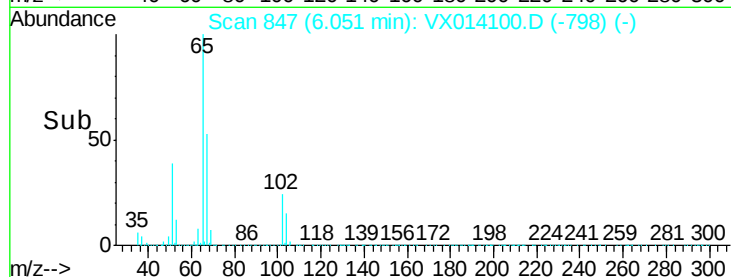
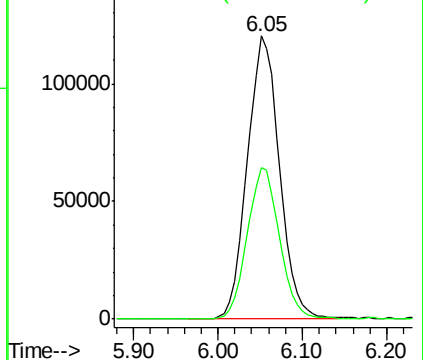
65 100

67 53.3 0.0 106.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

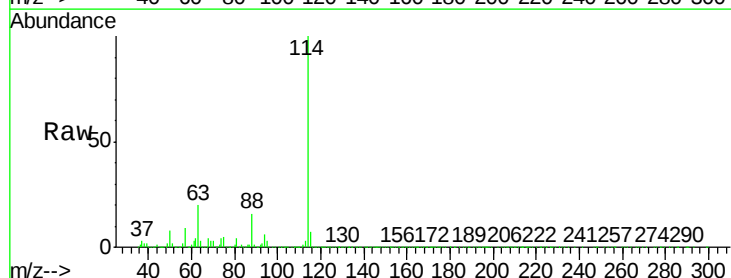
Tgt Ion: 114 Resp: 847490

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

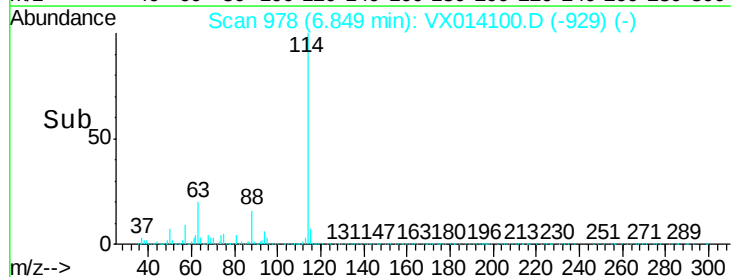
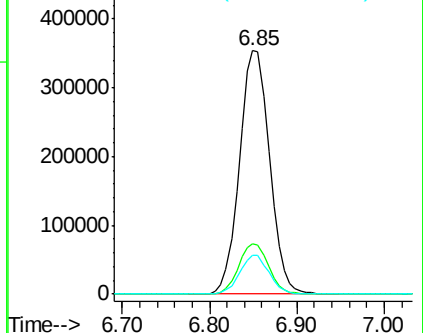
88 15.8 0.0 30.4



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: 49.251 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-1

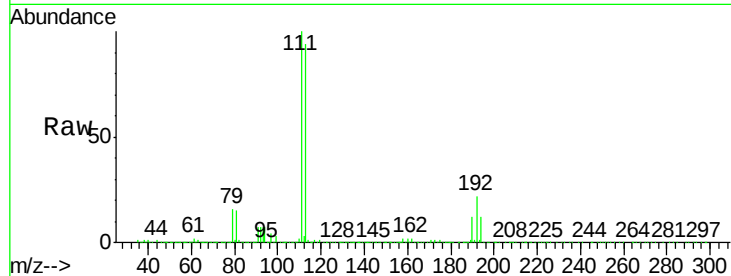
Tot Ion:113 Resp: 253732

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

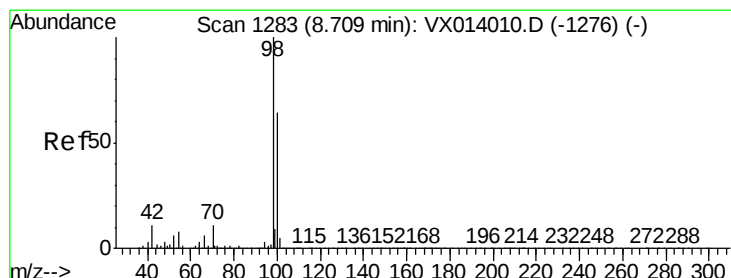
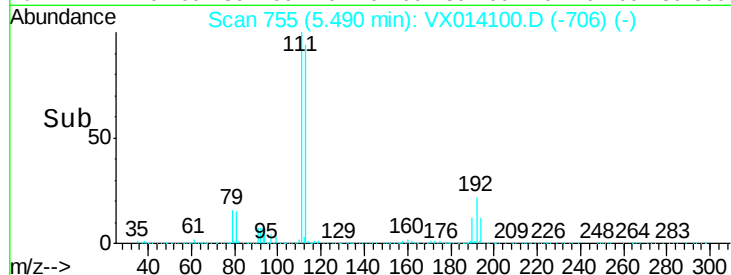
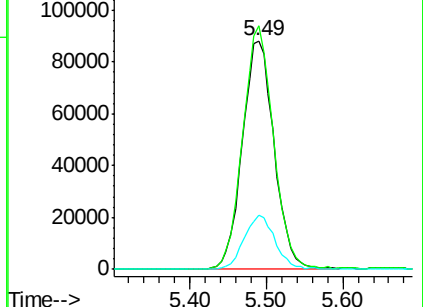
192 23.0 19.3 28.9



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: 50.299 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014100.D

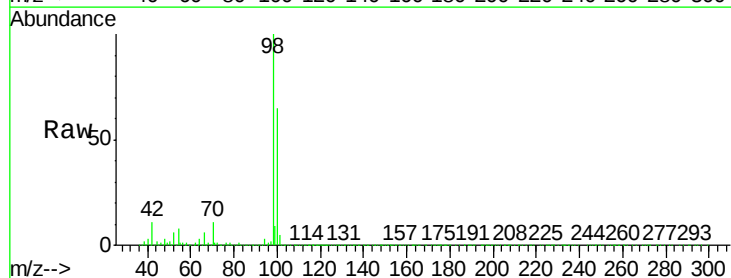
Acq: 18 Dec 2019 16:34

Tgt Ion: 98 Resp: 1008861

Ion Ratio Lower Upper

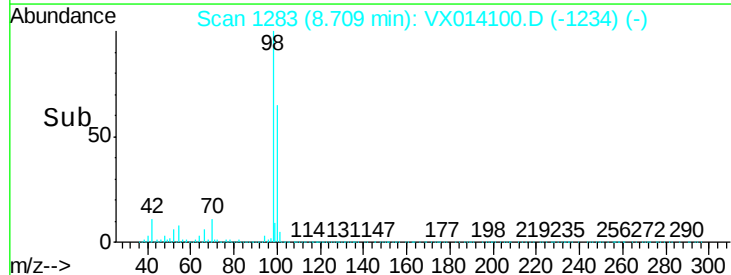
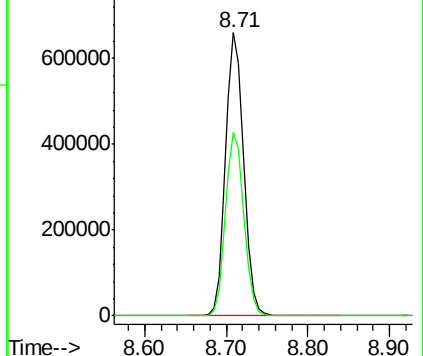
98 100

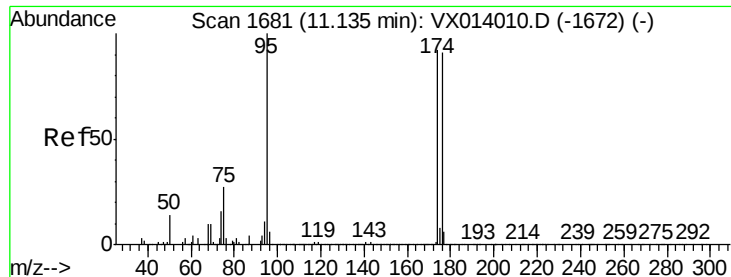
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.205 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-1

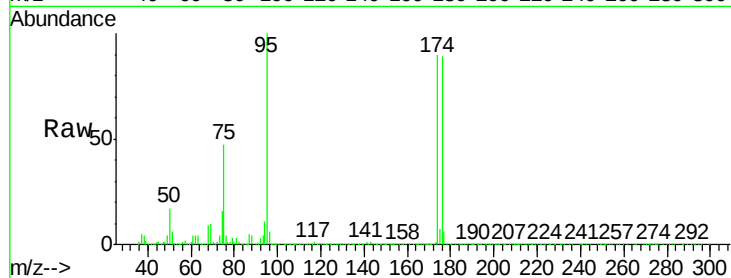
Tot Ion: 95 Resp: 331438

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.8

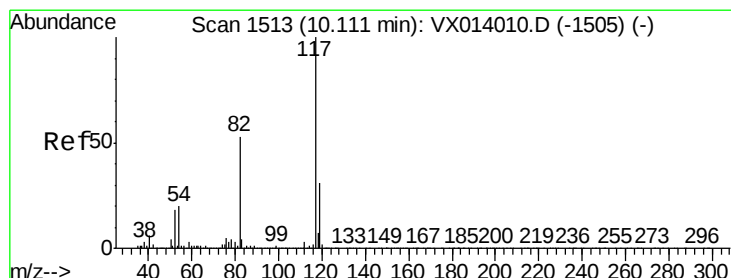
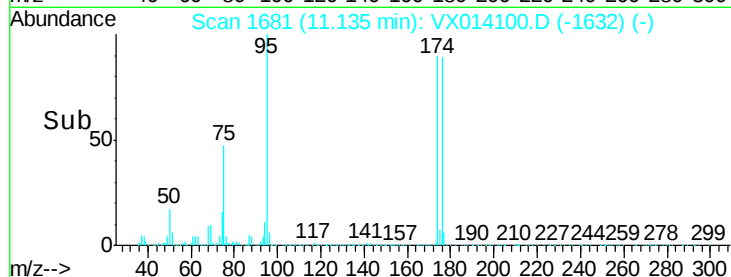
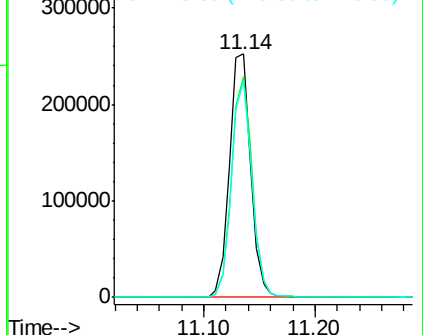
176 85.5 0.0 173.0



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# 1513

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

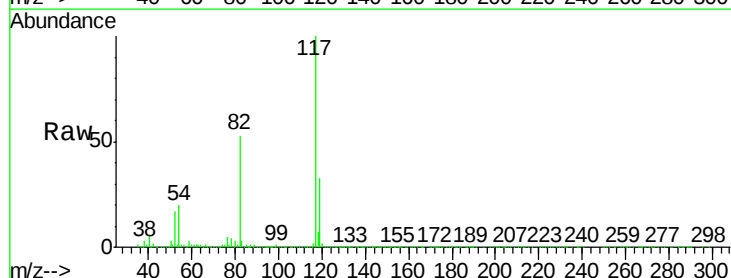
Tgt Ion: 117 Resp: 755198

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

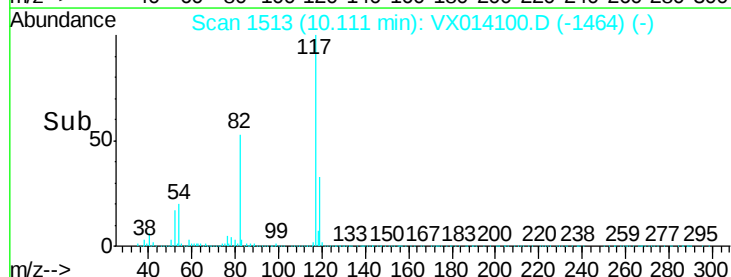
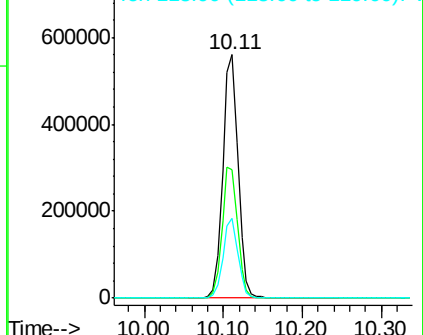
119 32.9 25.1 37.7

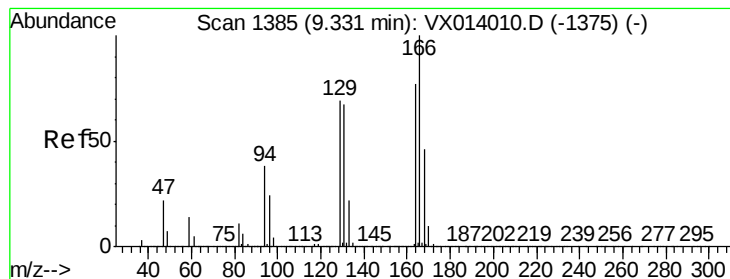


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.895 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

SSI-MW-1

Tot Ion:164 Resp: 5981

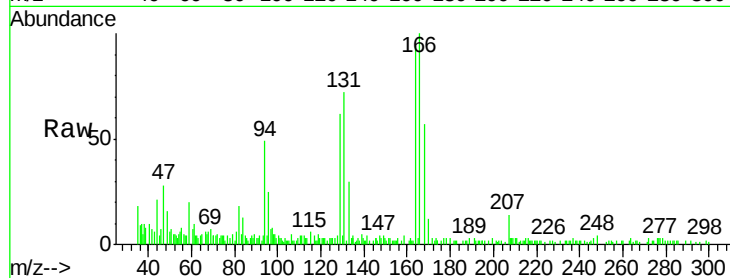
Ion Ratio Lower Upper

164 100

166 102.4 104.0 156.0#

129 64.3 72.2 108.4#

131 76.4 69.6 104.4

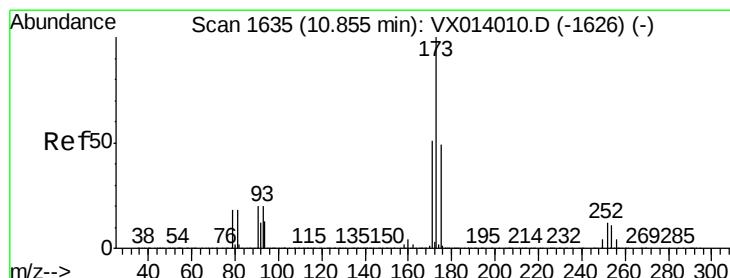
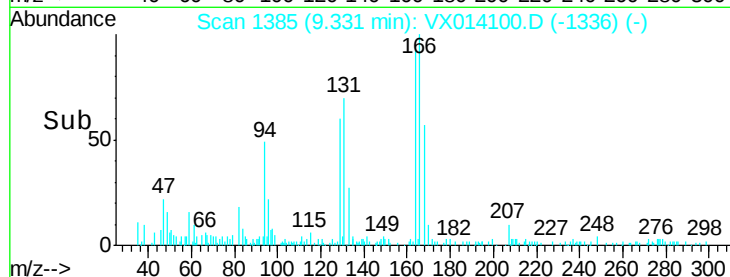
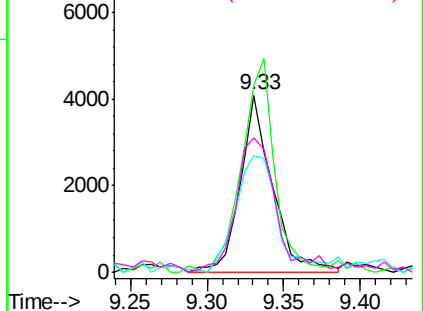


Abundance Ion 163.80 (163.50 to 164.50): V

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



#71

Bromoform

Concen: 1.306 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

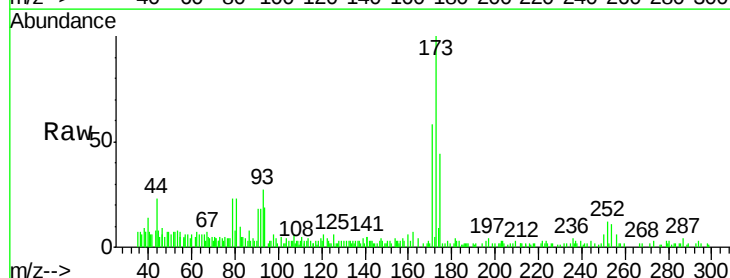
Tgt Ion:173 Resp: 6020

Ion Ratio Lower Upper

173 100

175 43.9 24.4 73.4

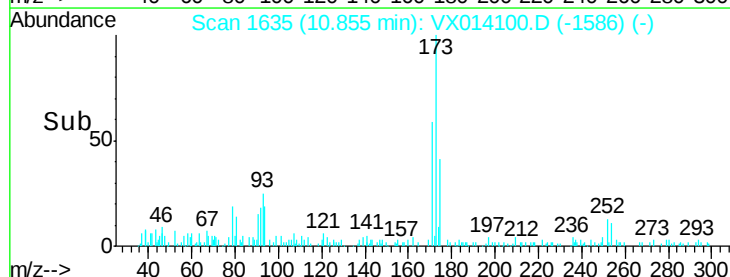
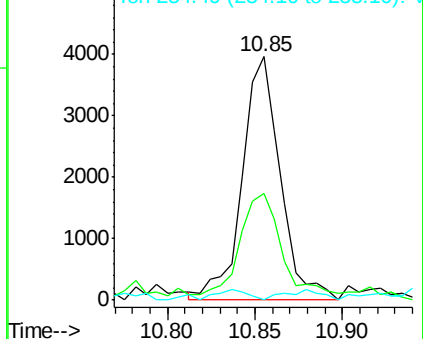
254 3.5 0.2 0.2#

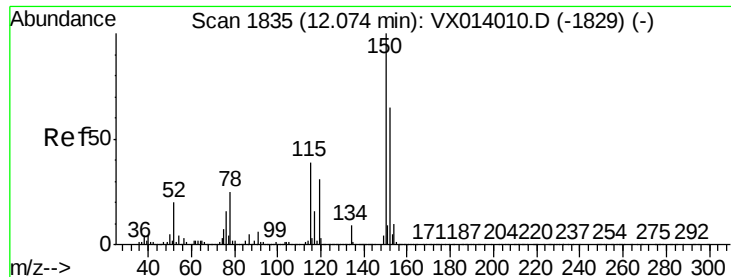


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-1

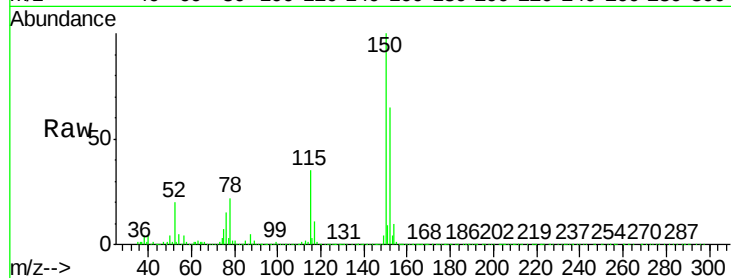
Tot Ion:152 Resp: 317787

Ion Ratio Lower Upper

152 100

115 55.6 38.3 114.9

150 158.2 0.0 345.4



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

