

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014057.D
 Acq On : 17 Dec 2019 17:23
 Operator : JC/SP
 Sample : K6251-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20191207

Quant Time: Dec 18 07:44:59 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

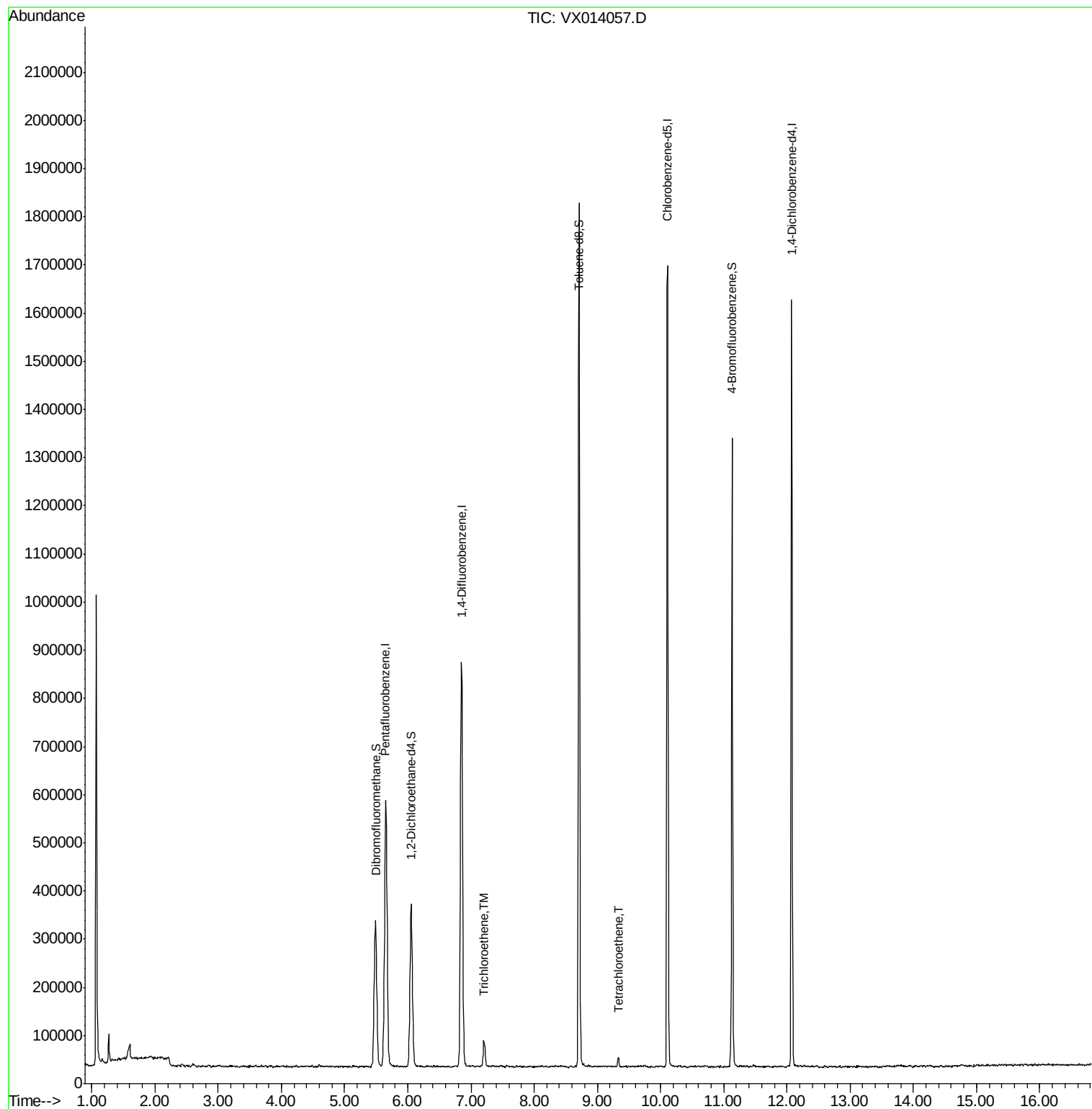
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	569149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	882940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	785377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	317955	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	5.49	113	263740	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	1048284	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.14	95	341875	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
44) Trichloroethene	7.20	130	24470	3.554	ug/l	93
64) Tetrachloroethene	9.34	164	4840	0.696	ug/l	91

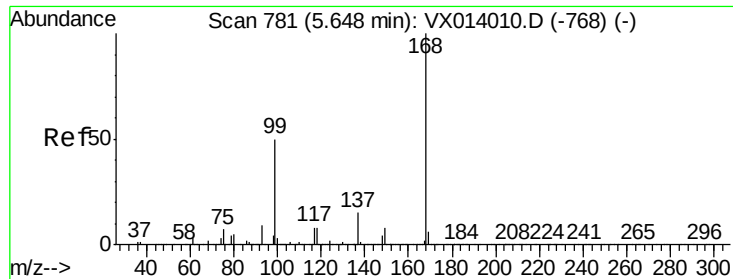
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

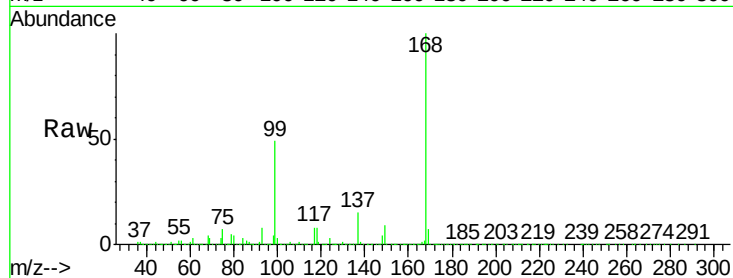
MW201D1-20191207

Tot Ion:168 Resp: 569149

Ion Ratio Lower Upper

168 100

99 48.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

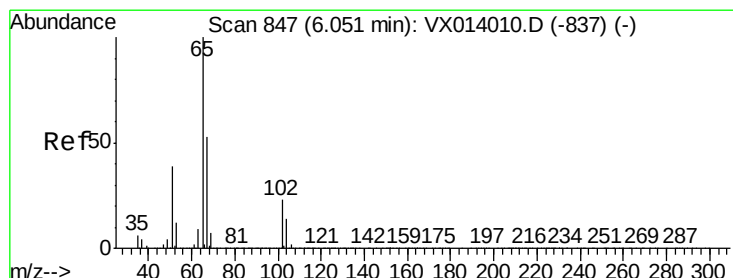
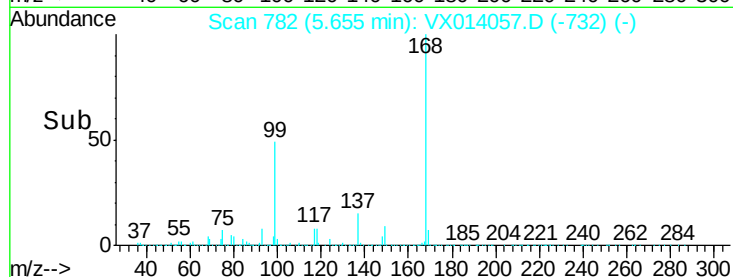
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.291 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014057.D

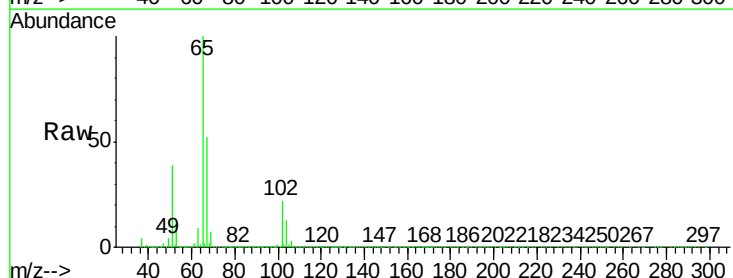
Acq: 17 Dec 2019 17:23

Tgt Ion: 65 Resp: 317955

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

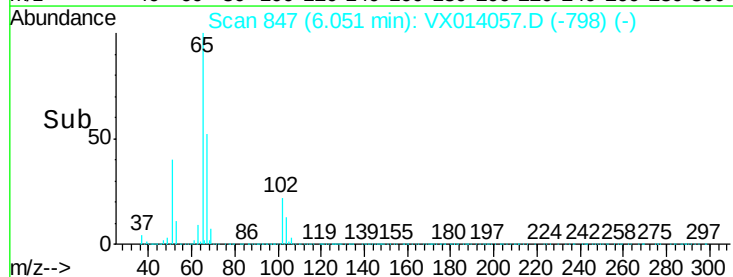
100000

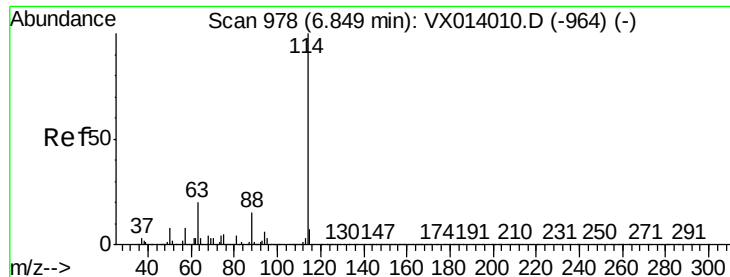
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

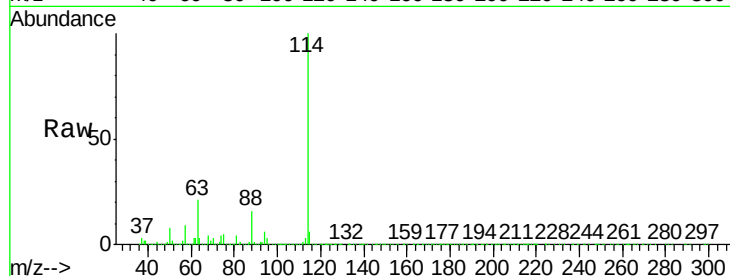
Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20191207

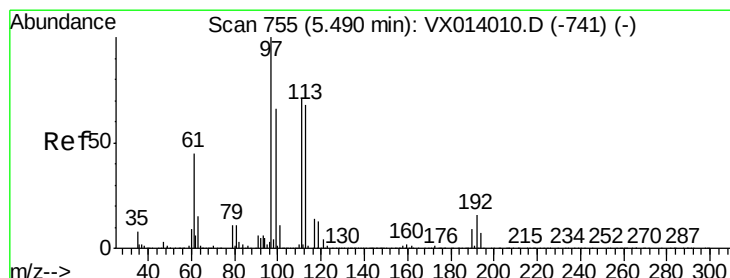
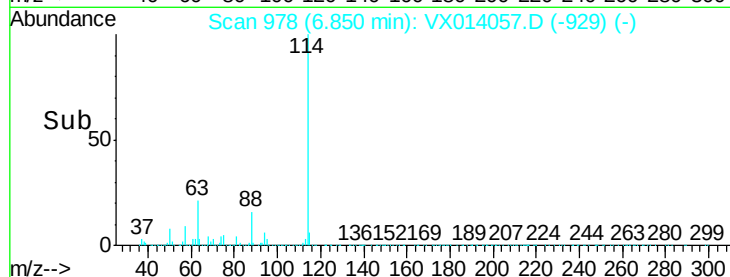
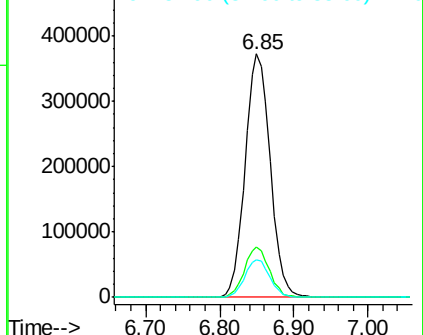
Tot Ion:	114	Resp:	882940
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	15.6	0.0	30.4



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: 49.138 ug/l

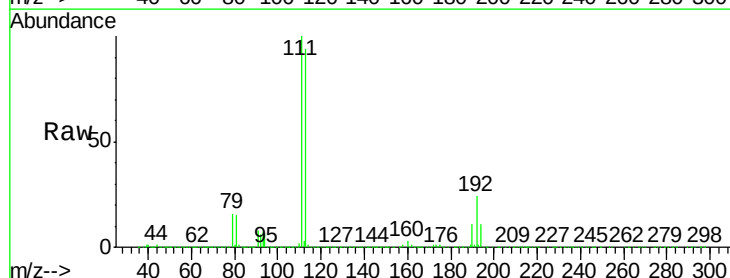
RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

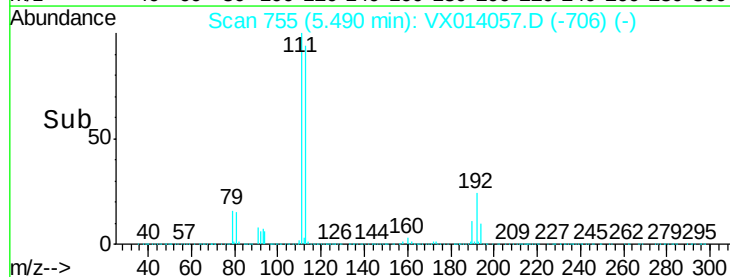
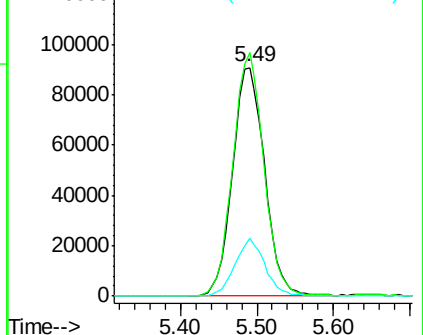
Tgt Ion:	113	Resp:	263740
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.7	19.3	28.9

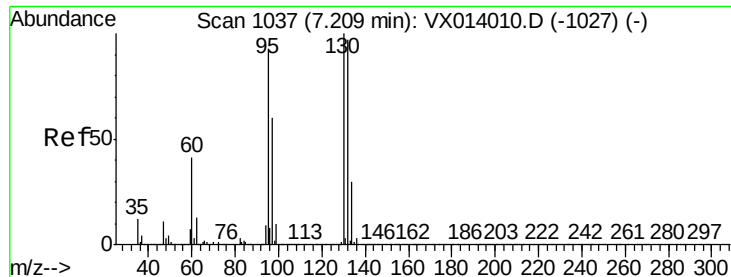


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.554 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

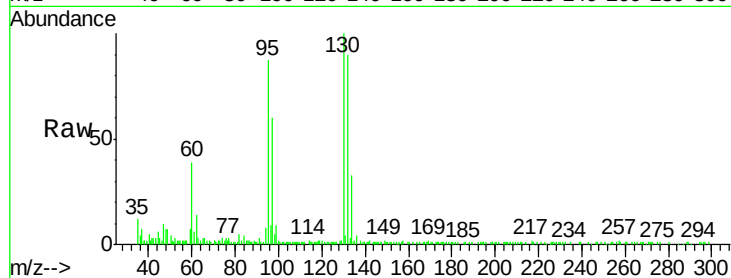
MW201D1-20191207

Tot Ion:130 Resp: 24470

Ion Ratio Lower Upper

130 100

95 86.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

12000

10000

8000

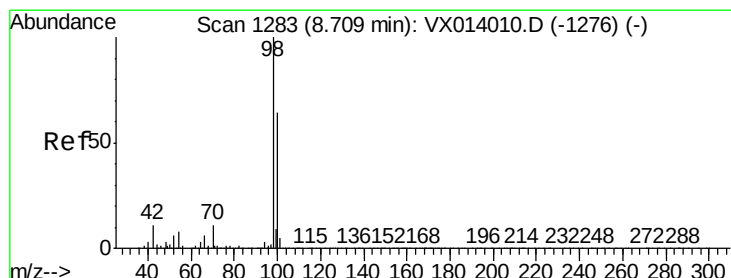
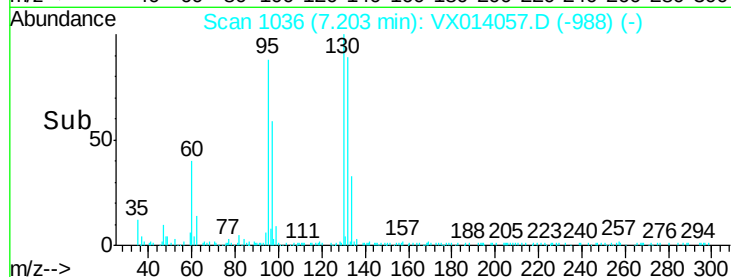
6000

4000

2000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.166 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014057.D

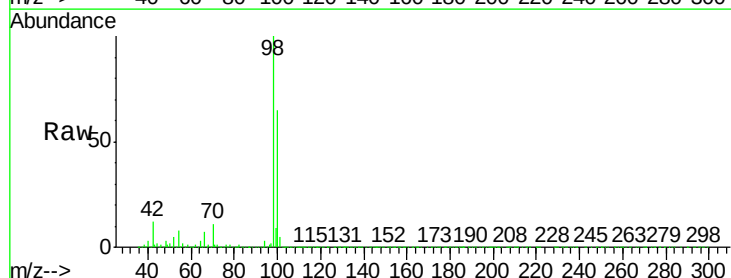
Acq: 17 Dec 2019 17:23

Tgt Ion: 98 Resp: 1048284

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

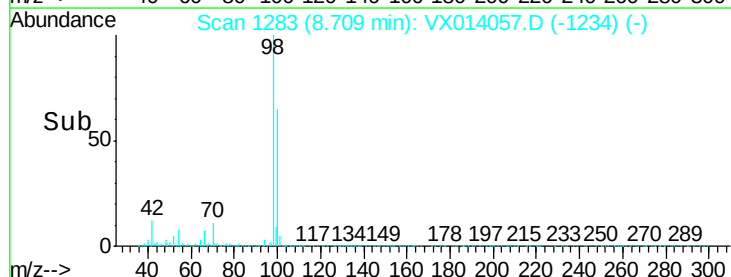
600000

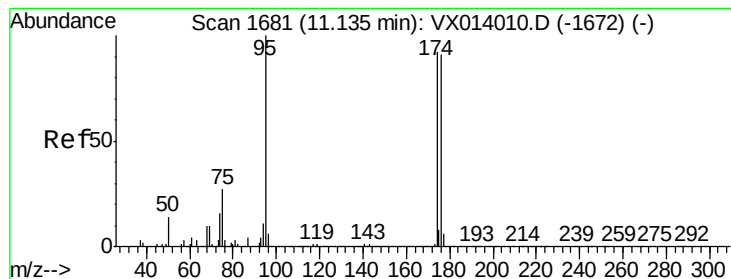
400000

200000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 44.757 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20191207

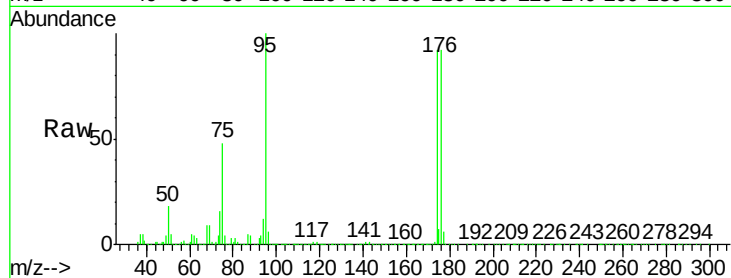
Tot Ion: 95 Resp: 341875

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.8

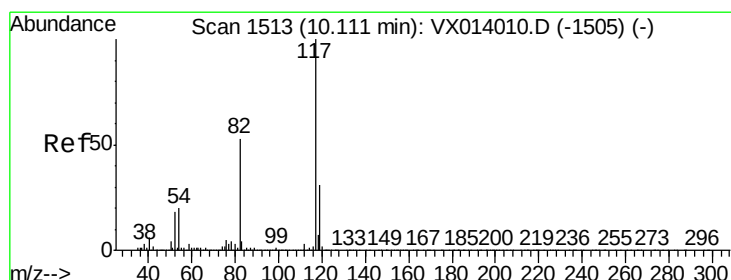
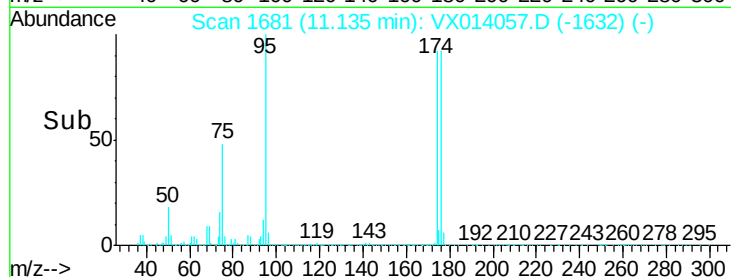
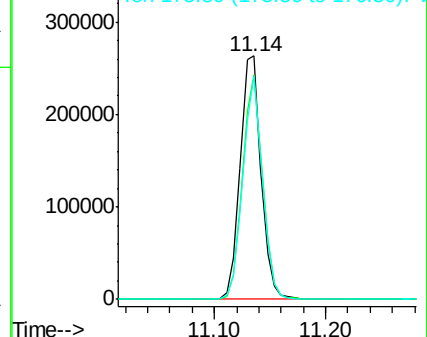
176 86.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014057.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014057.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014057.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

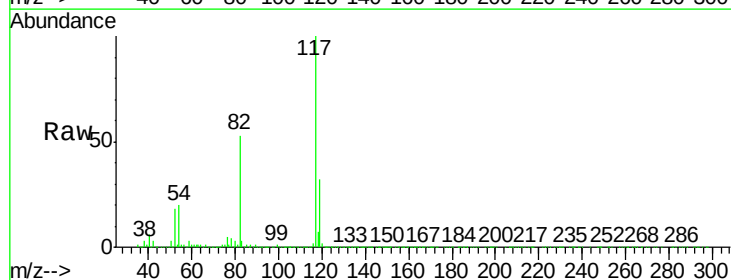
Tgt Ion: 117 Resp: 785377

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

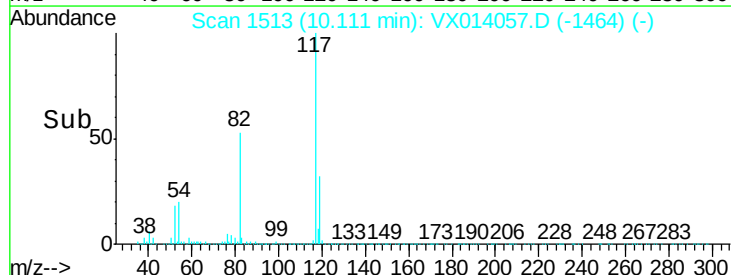
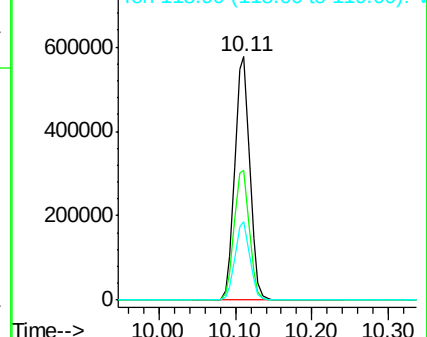
119 32.0 25.1 37.7

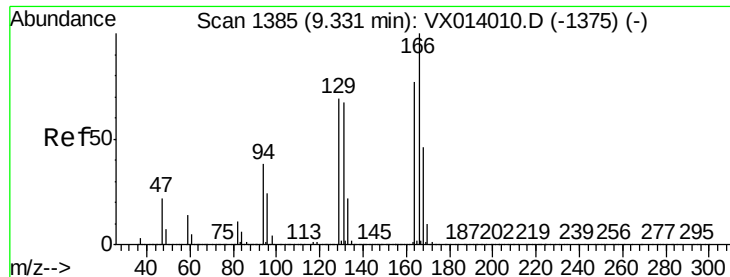


Abundance Ion 116.90 (116.60 to 117.60): VX014057.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014057.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014057.D (-1464) (-)





#64

Tetrachloroethene

Concen: 0.696 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20191207

Tot Ion:164 Resp: 4840

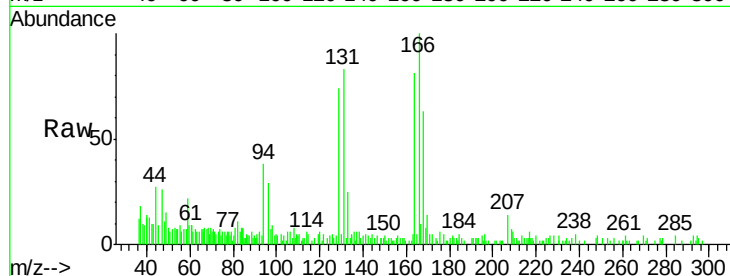
Ion Ratio Lower Upper

164 100

166 118.6 104.0 156.0

129 85.8 72.2 108.4

131 96.8 69.6 104.4

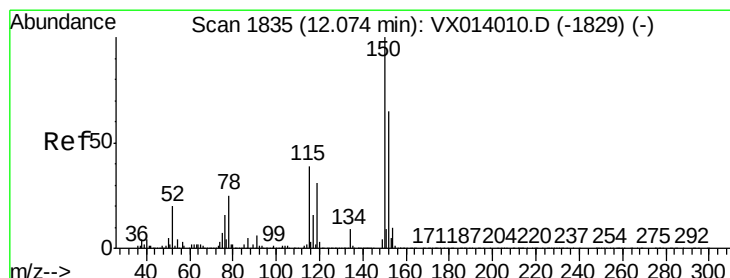
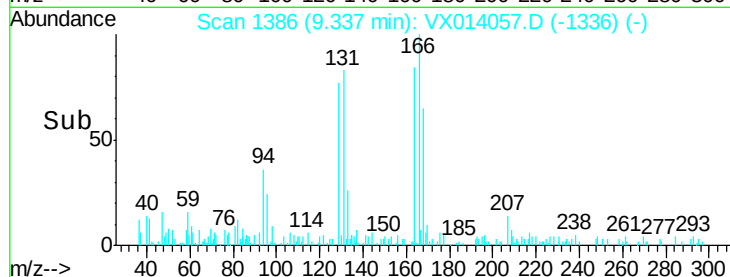
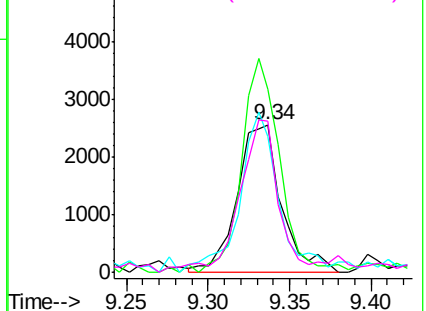


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014057.D

Acq: 17 Dec 2019 17:23

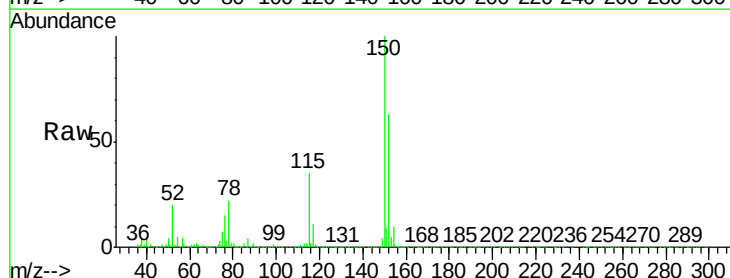
Tgt Ion:152 Resp: 325995

Ion Ratio Lower Upper

152 100

115 57.0 38.3 114.9

150 157.8 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

