

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014143.D
 Acq On : 20 Dec 2019 01:22
 Operator : JC/SP
 Sample : K6372-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: Dec 20 04:44:18 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

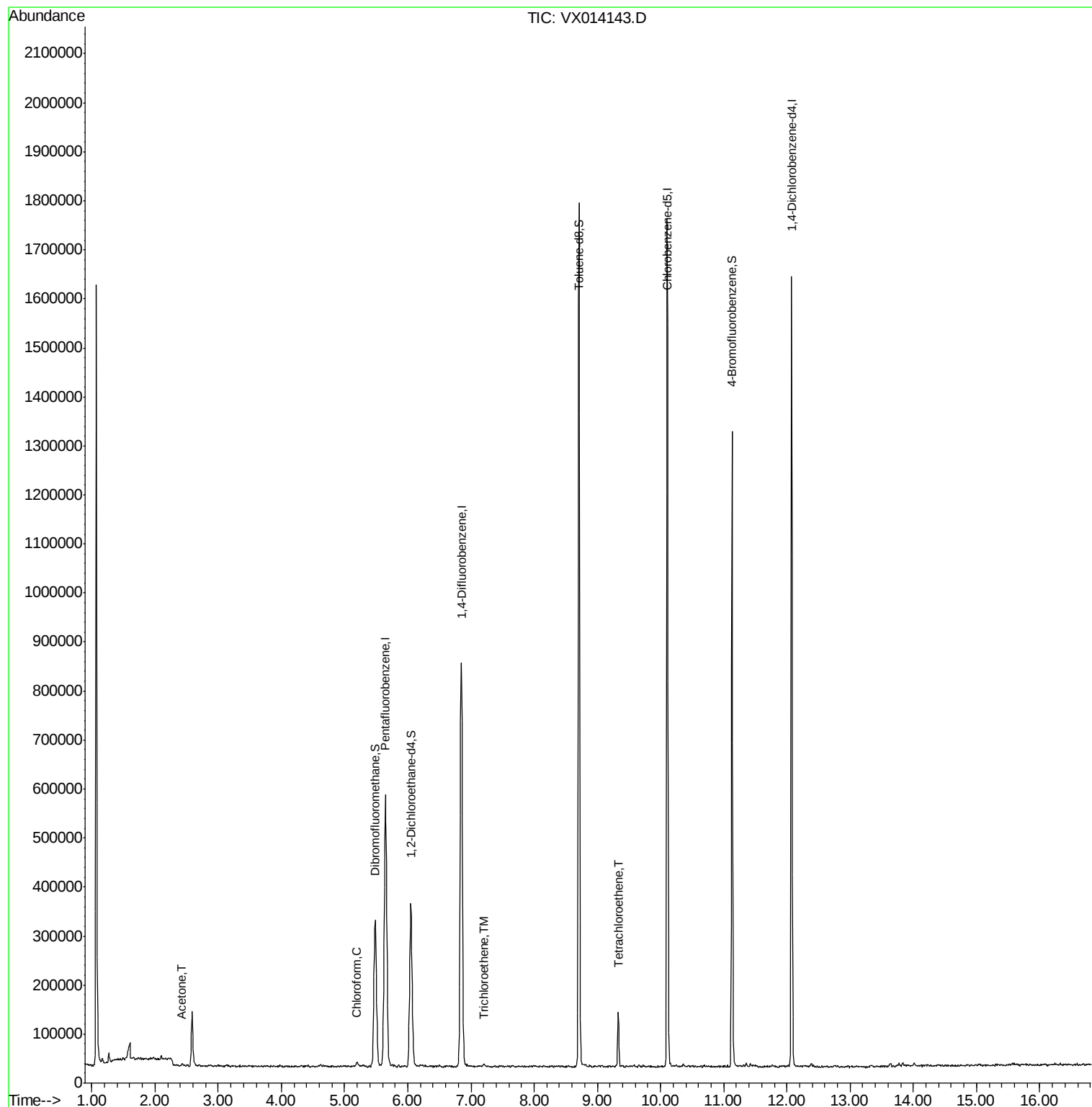
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	568117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	872284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	783079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	315868	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.48	113	257627	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	1036713	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	343146	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
Target Compounds						
16) Acetone	2.43	43	4459	1.067	ug/l	90
30) Chloroform	5.20	83	9748	0.951	ug/l	93
44) Trichloroethene	7.20	130	2521	0.371	ug/l	79
64) Tetrachloroethene	9.33	164	22960	3.313	ug/l	98

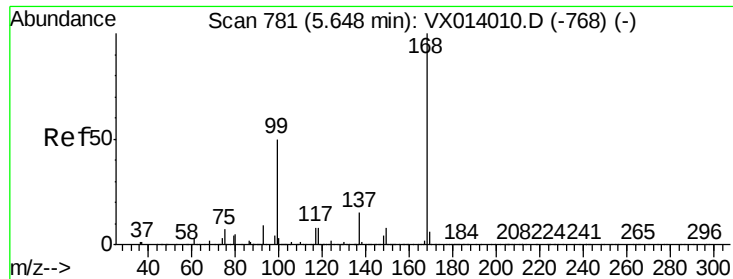
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

Instrument :

MSVOA_X

ClientSampleId :

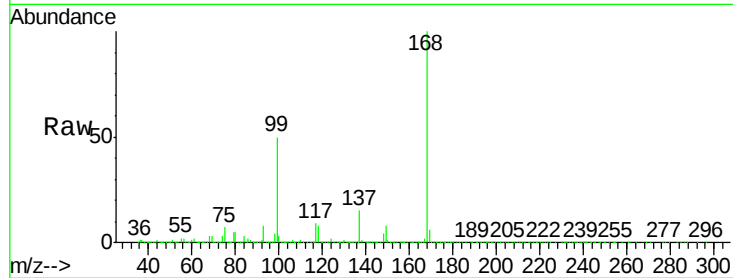
MW-15

Tot Ion:168 Resp: 568117

Ion Ratio Lower Upper

168 100

99 50.1 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

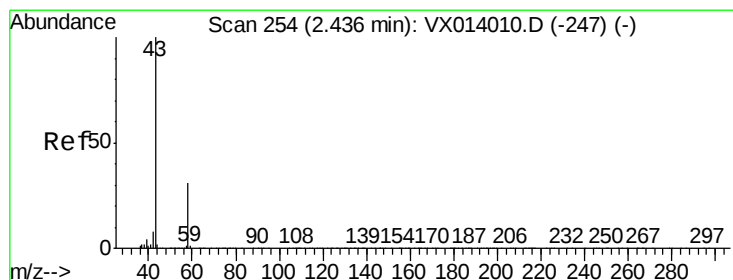
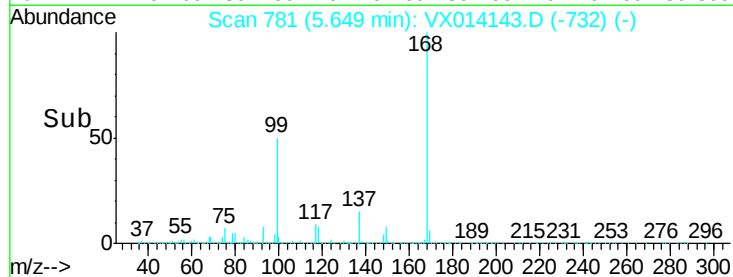
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.067 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014143.D

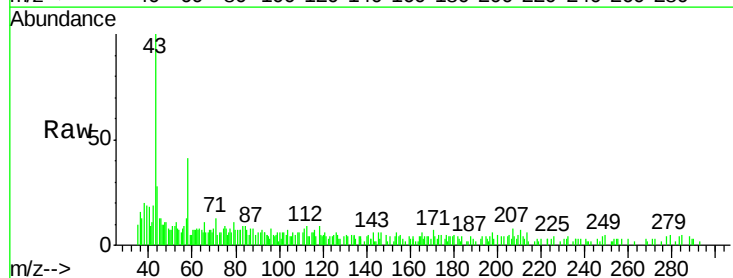
Acq: 20 Dec 2019 01:22

Tgt Ion: 43 Resp: 4459

Ion Ratio Lower Upper

43 100

58 36.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

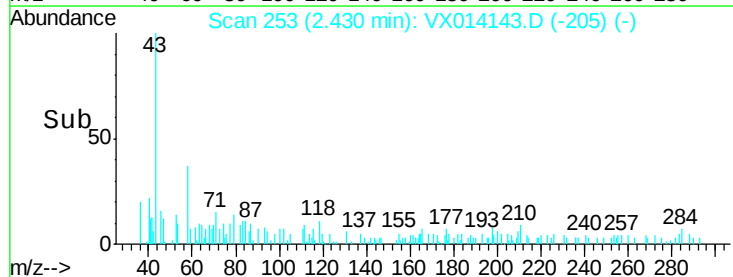
1500

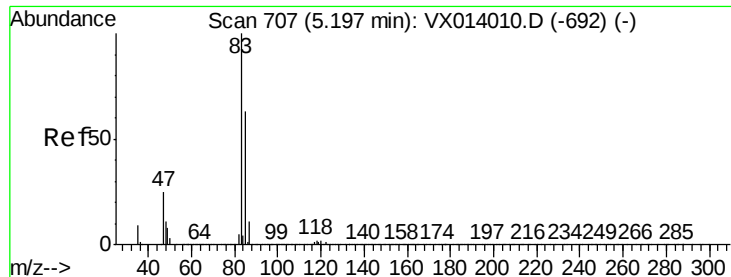
1000

500

0

Time--> 2.35 2.40 2.45 2.50

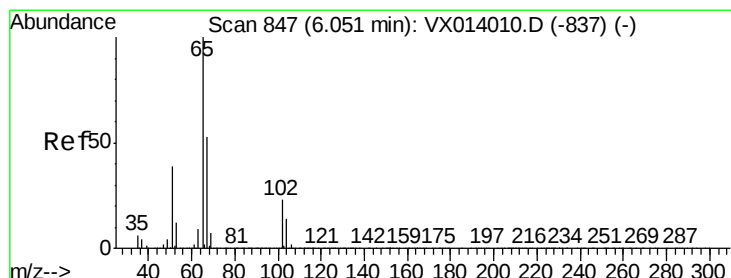
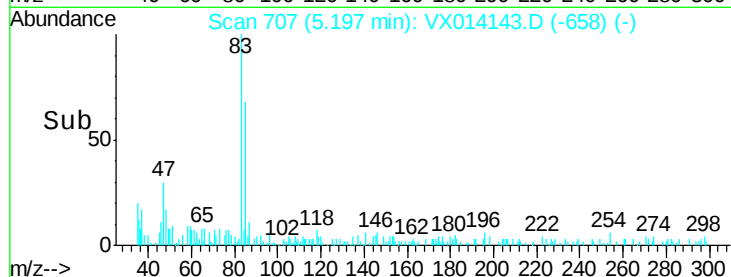
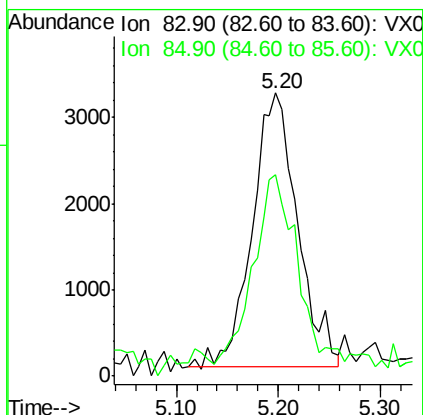
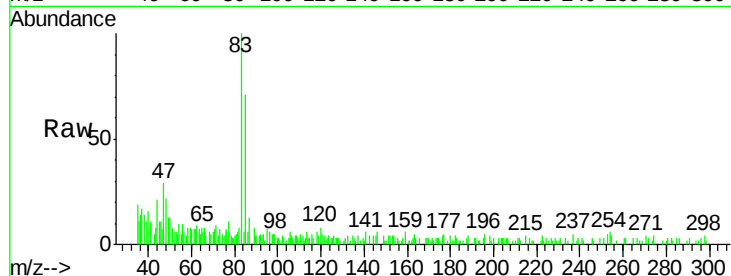




#30
Chloroform
Concen: 0.951 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

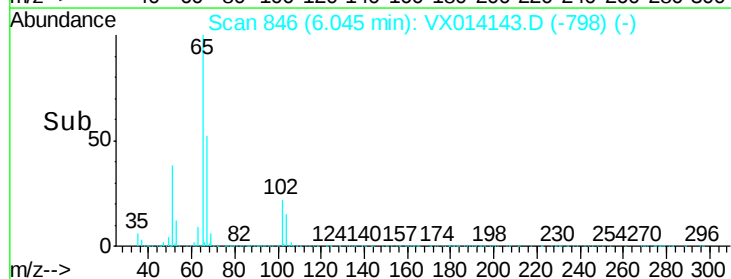
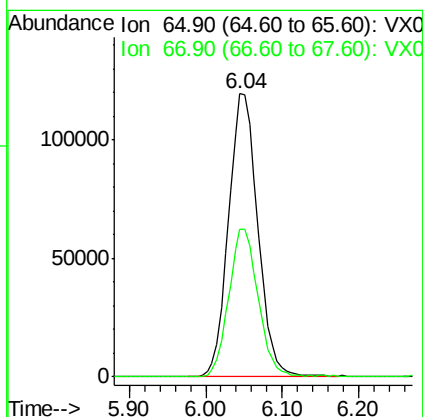
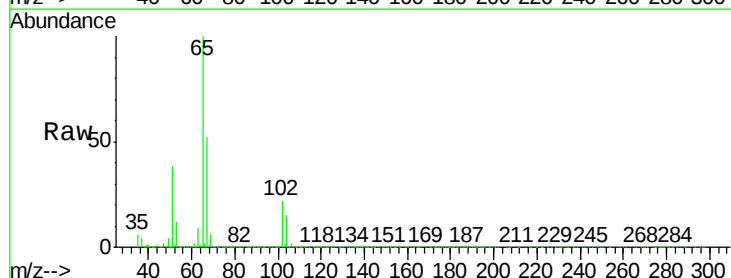
Instrument :
MSVOA_X
ClientSampleId :
MW-15

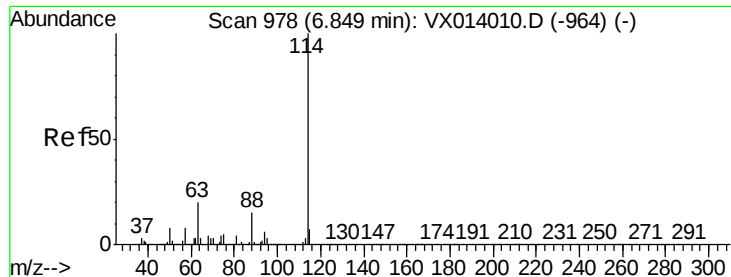
Tot Ion: 83 Resp: 9748
Ion Ratio Lower Upper
83 100
85 68.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 49.057 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX014143.D
Acq: 20 Dec 2019 01:22

Tgt Ion: 65 Resp: 315868
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

Instrument :

MSVOA_X

ClientSampleId :

MW-15

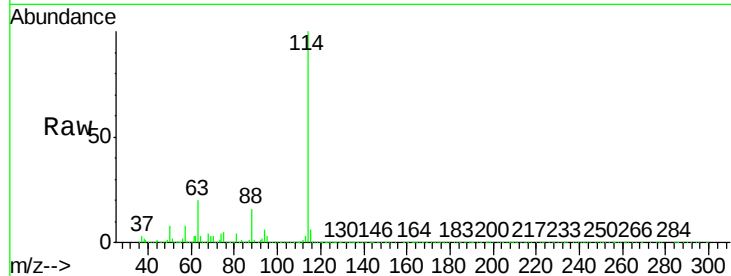
Tot Ion:114 Resp: 872284

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.8 0.0 30.4



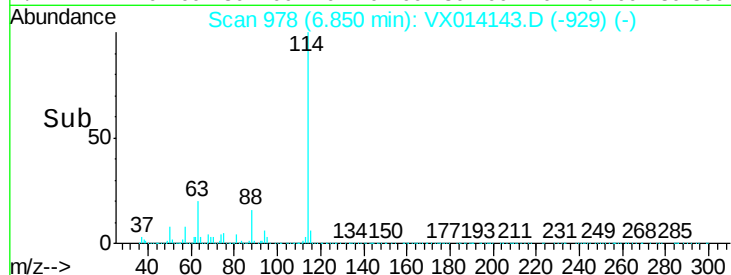
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

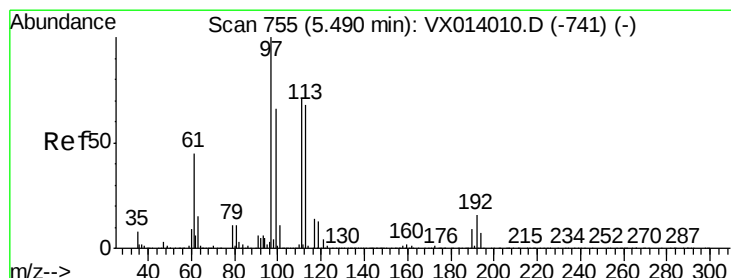
Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 48.586 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

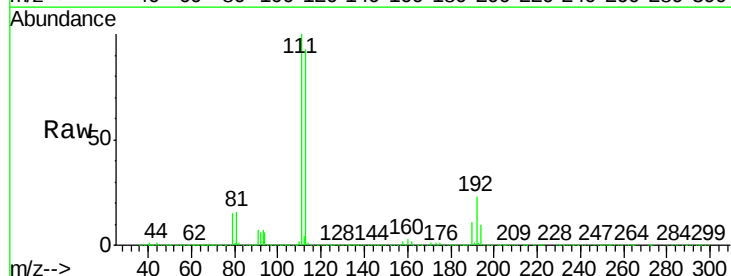
Tgt Ion:113 Resp: 257627

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 23.9 19.3 28.9



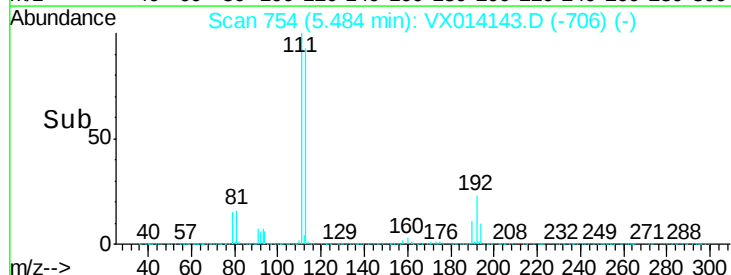
Abundance Ion 112.80 (112.50 to 113.50): V

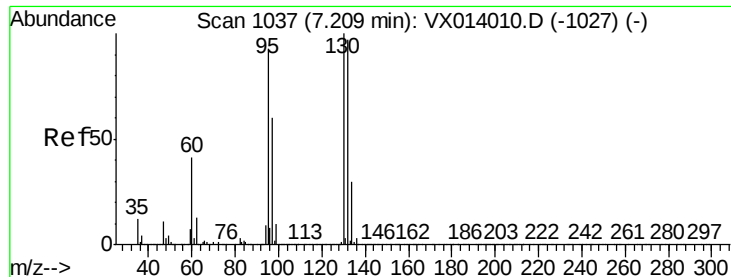
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

Time-->





#44

Trichloroethene

Concen: 0.371 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

Instrument :

MSVOA_X

ClientSampleId :

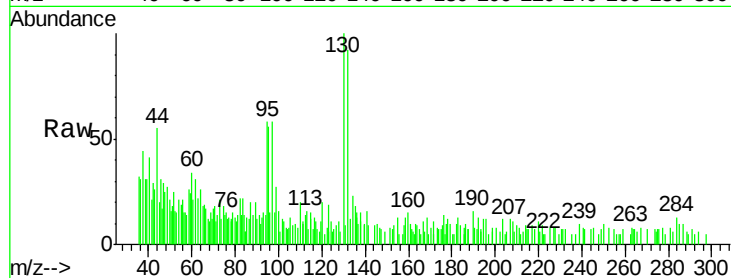
MW-15

Tot Ion:130 Resp: 2521

Ion Ratio Lower Upper

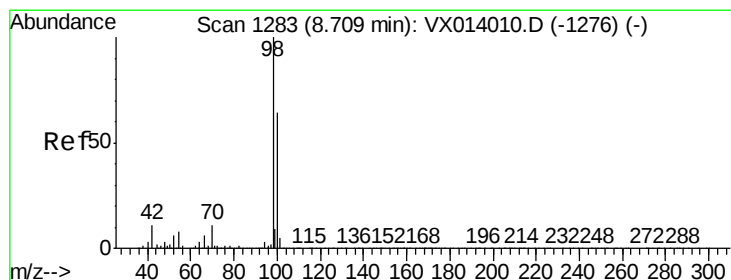
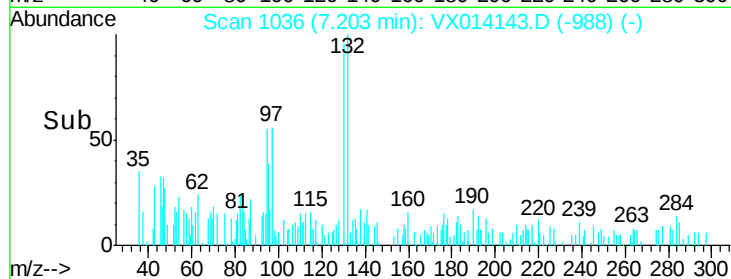
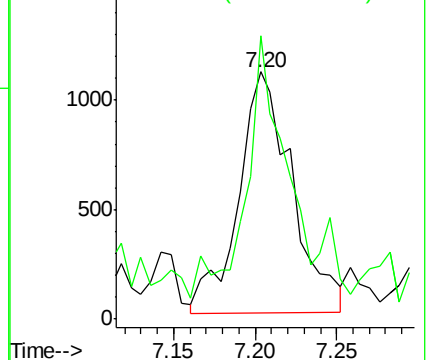
130 100

95 112.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.219 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014143.D

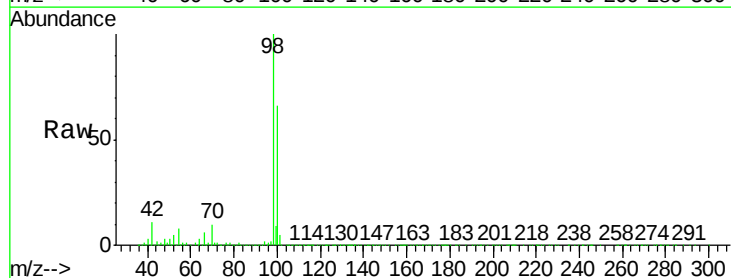
Acq: 20 Dec 2019 01:22

Tgt Ion: 98 Resp: 1036713

Ion Ratio Lower Upper

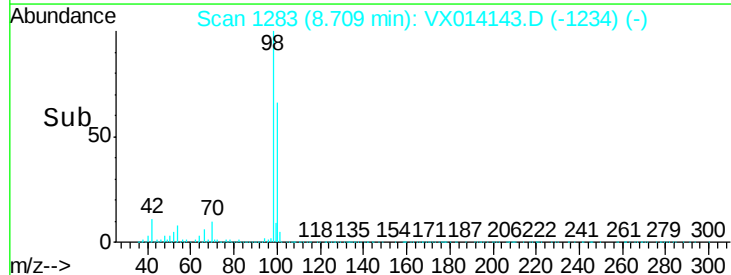
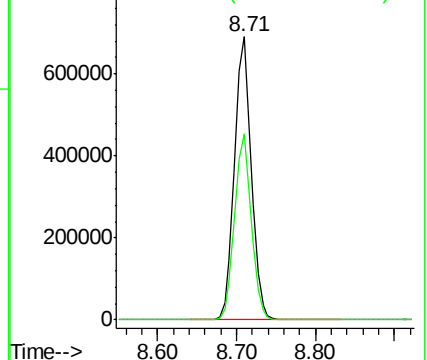
98 100

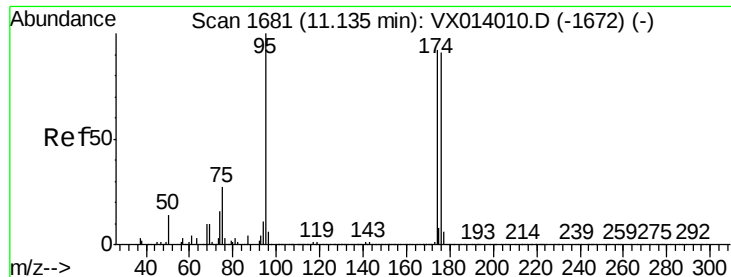
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.472 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

Instrument :

MSVOA_X

ClientSampleId :

MW-15

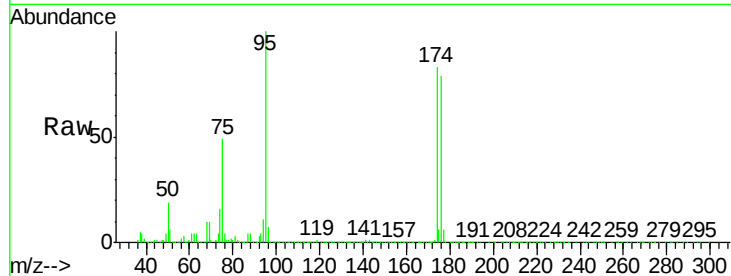
Tot Ion: 95 Resp: 343146

Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.8

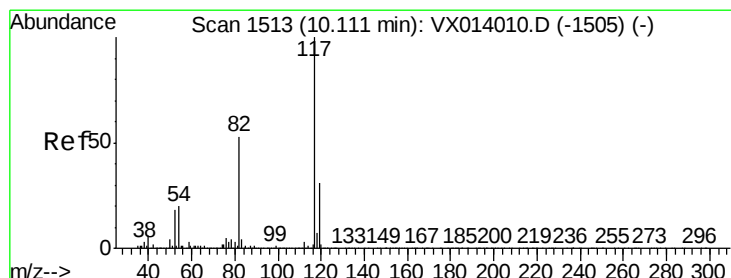
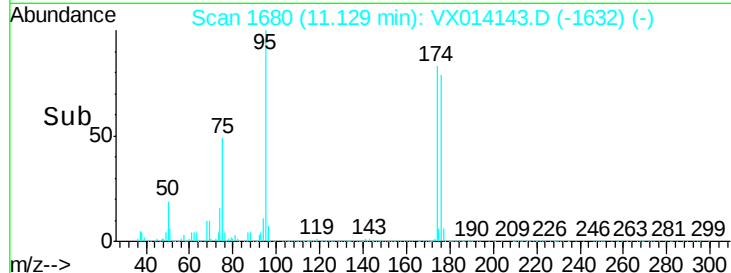
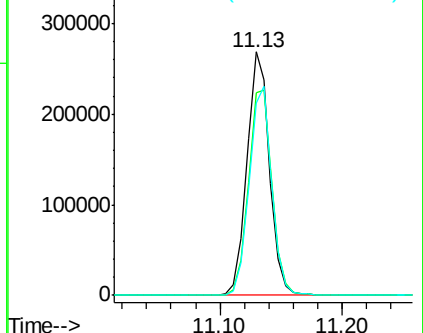
176 86.8 0.0 173.0



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# 1512

Delta R.T. -0.01 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

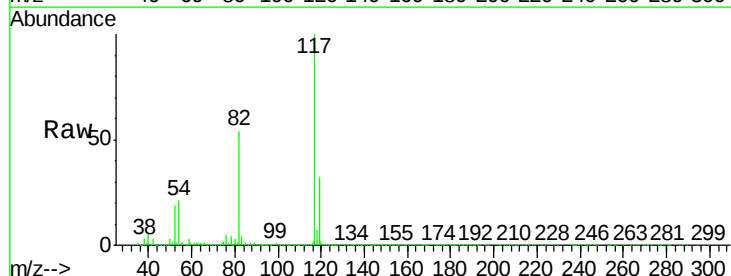
Tgt Ion: 117 Resp: 783079

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

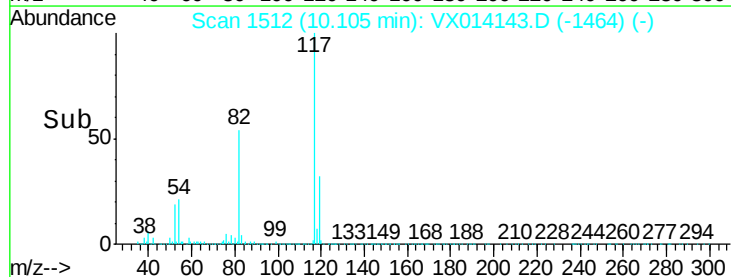
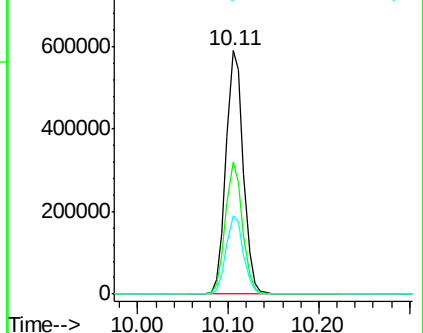
119 32.0 25.1 37.7

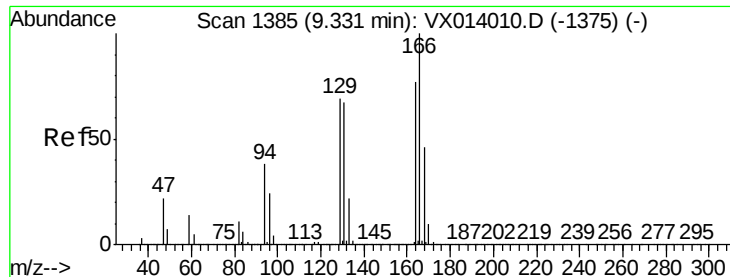


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.313 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

Instrument :

MSVOA_X

ClientSampleId :

MW-15

Tot Ion:164 Resp: 22960

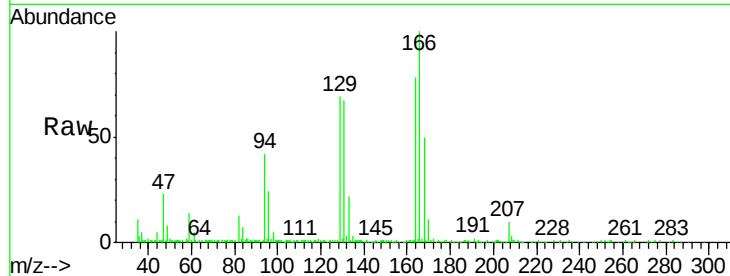
Ion Ratio Lower Upper

164 100

166 128.1 104.0 156.0

129 87.5 72.2 108.4

131 85.4 69.6 104.4

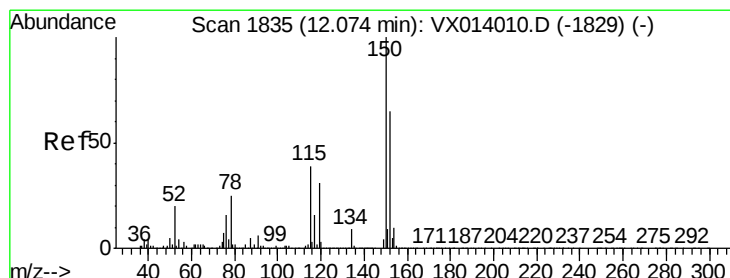
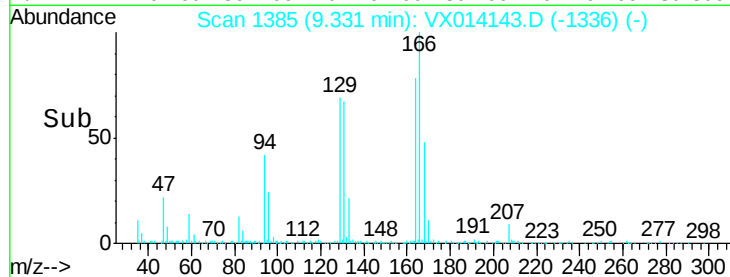
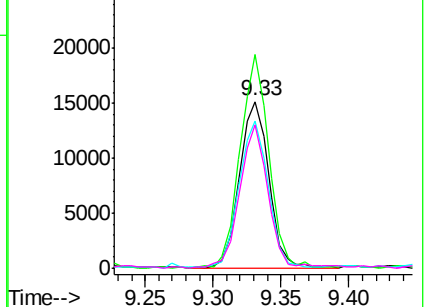


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014143.D

Acq: 20 Dec 2019 01:22

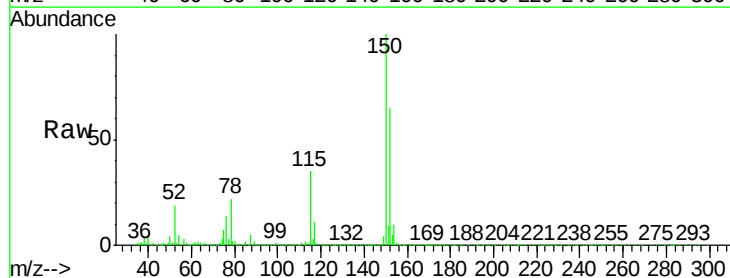
Tgt Ion:152 Resp: 341139

Ion Ratio Lower Upper

152 100

115 54.6 38.3 114.9

150 155.7 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

