

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014045.D
 Acq On : 16 Dec 2019 19:07
 Operator : JC/SP
 Sample : K6251-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20191206

Quant Time: Dec 17 05:37:40 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

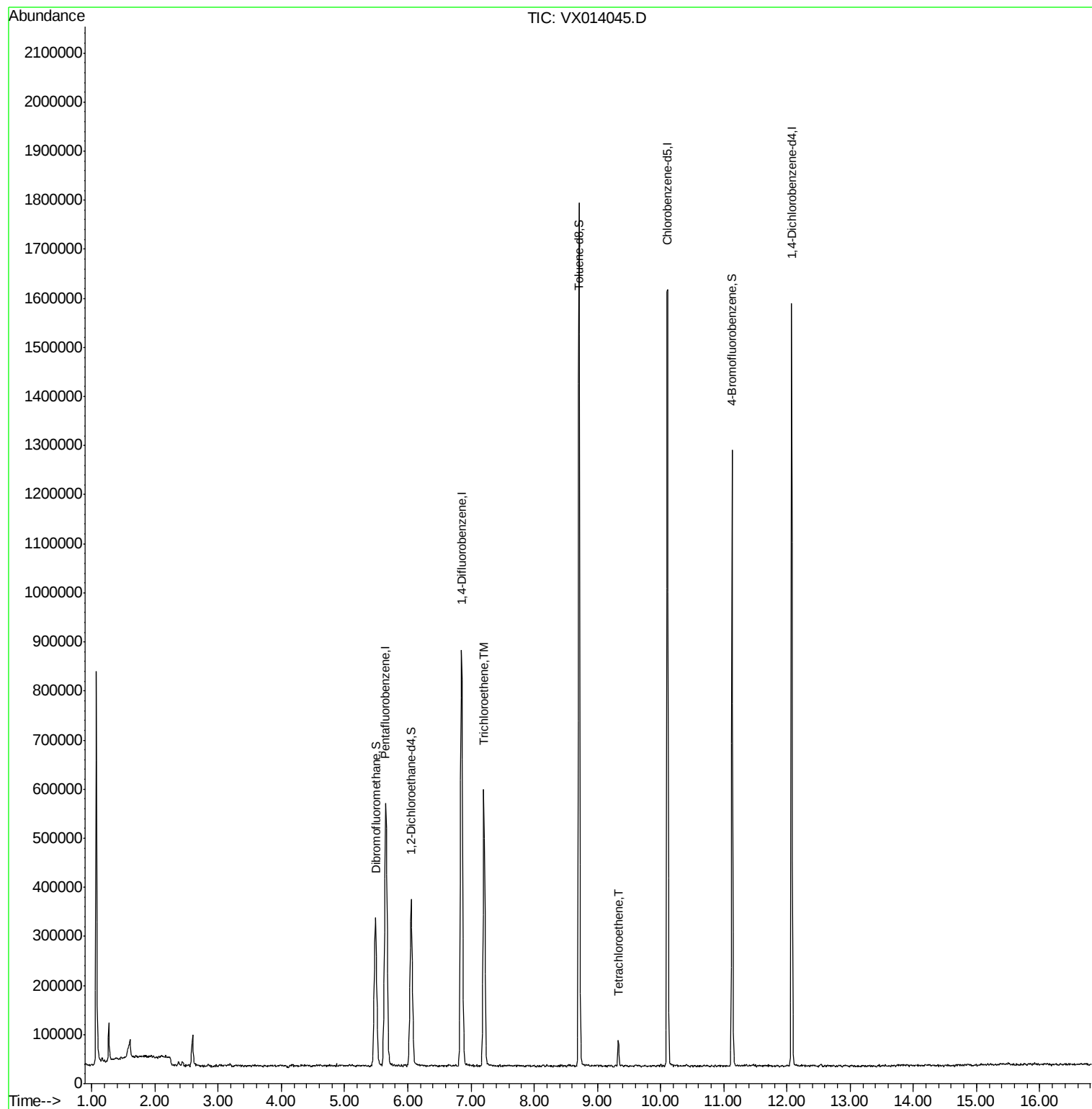
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	564704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	867852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	758944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	317120	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	5.49	113	260683	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	1014981	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	333777	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
44) Trichloroethene	7.21	130	227285	33.585	ug/l	98
64) Tetrachloroethene	9.33	164	11961	1.781	ug/l	88

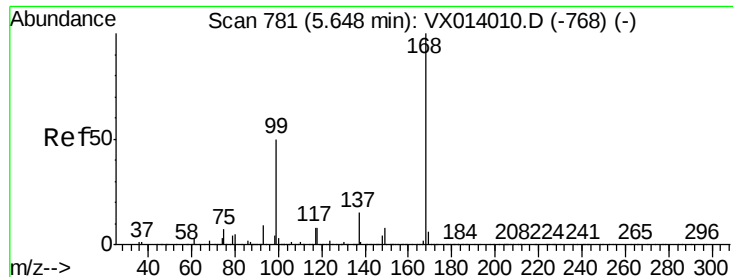
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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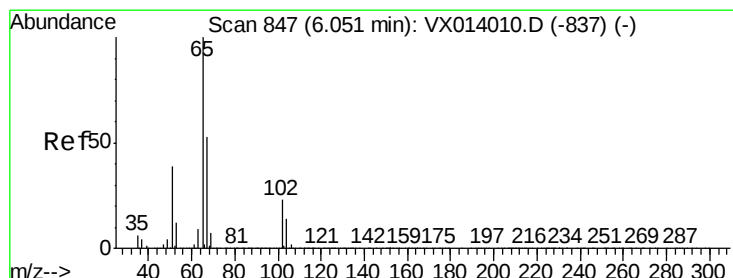
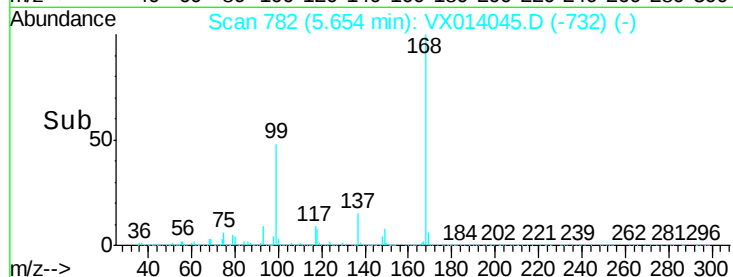
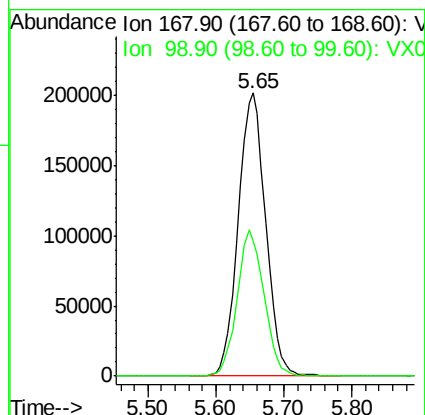
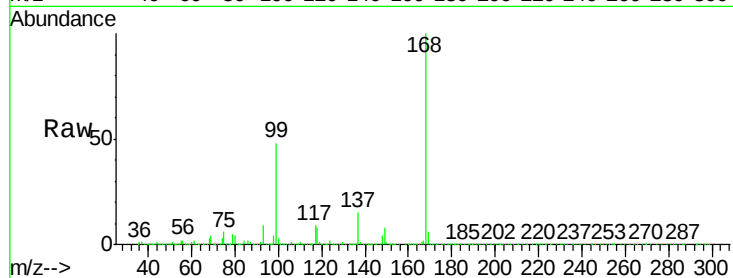


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014045.D
 Acq: 16 Dec 2019 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20191206

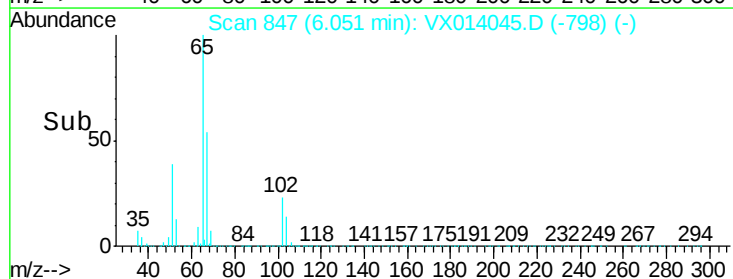
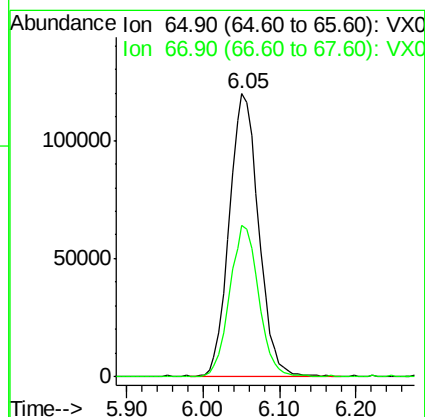
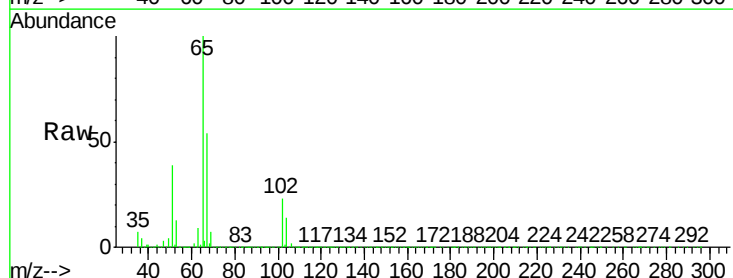
Tot Ion:168 Resp: 564704
 Ion Ratio Lower Upper
 168 100
 99 47.7 40.3 60.5

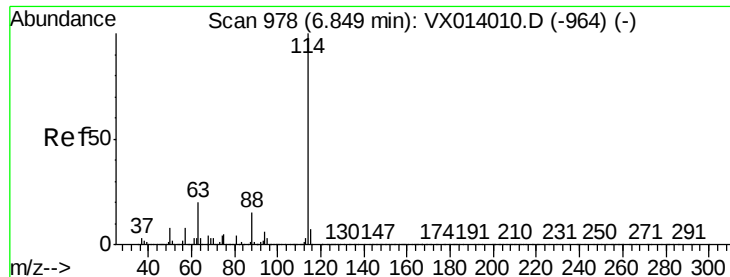


#33

1,2-Dichloroethane-d4
 Concen: 49.549 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014045.D
 Acq: 16 Dec 2019 19:07

Tgt Ion: 65 Resp: 317120
 Ion Ratio Lower Upper
 65 100
 67 53.2 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: VX014045.D

Acq: 16 Dec 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20191206

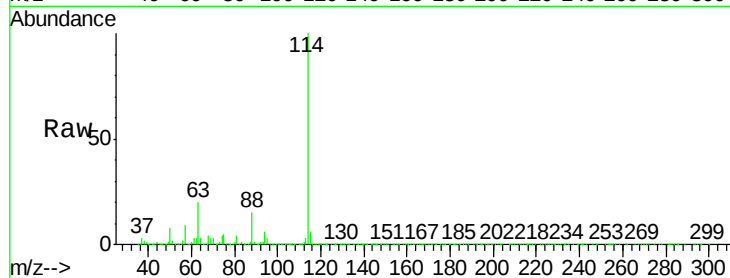
Tot Ion:114 Resp: 867852

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

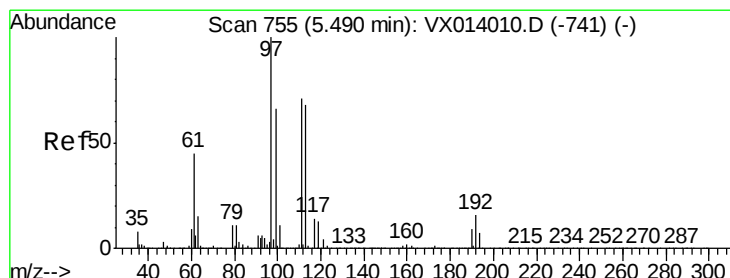
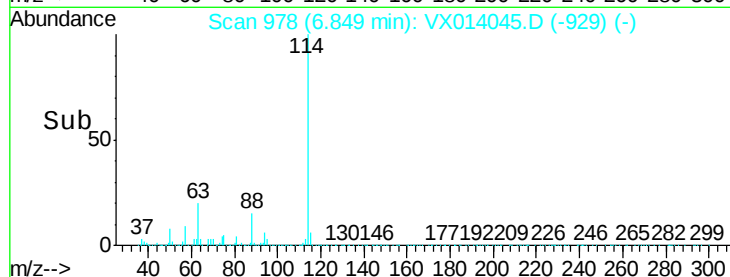
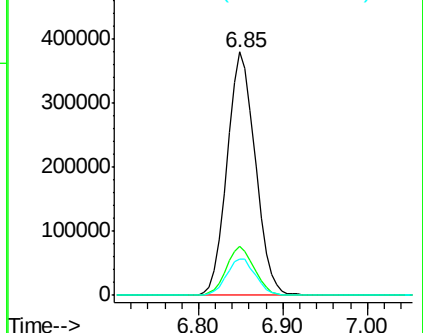
88 15.1 0.0 30.4



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: 49.413 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014045.D

Acq: 16 Dec 2019 19:07

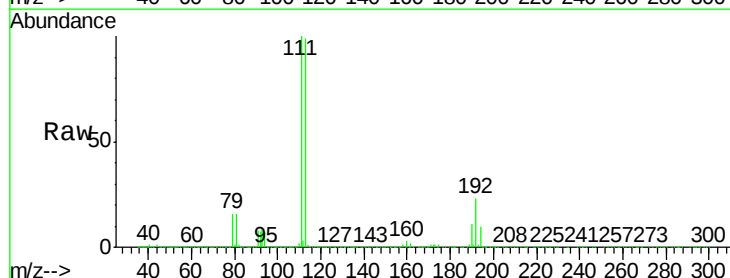
Tgt Ion:113 Resp: 260683

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

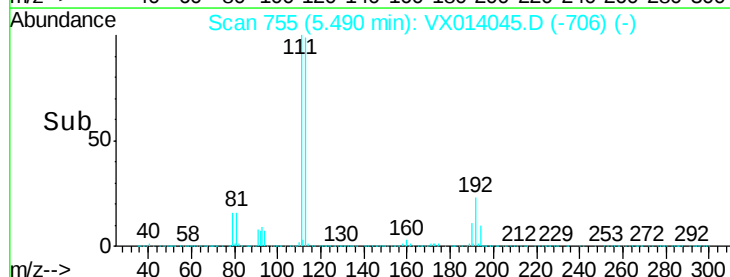
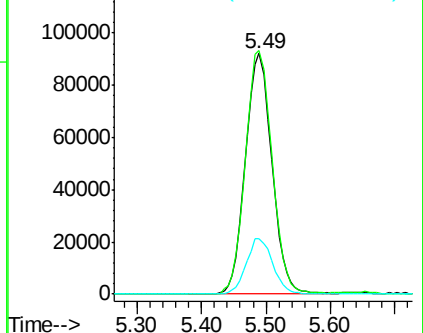
192 23.1 19.3 28.9

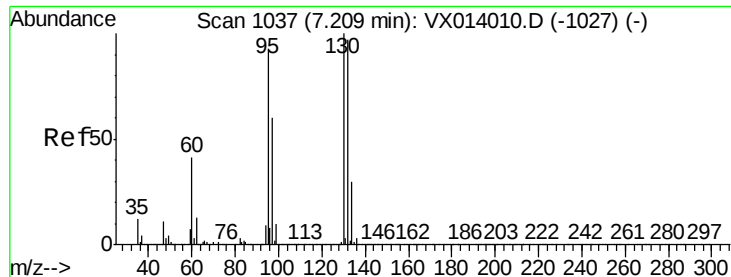


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

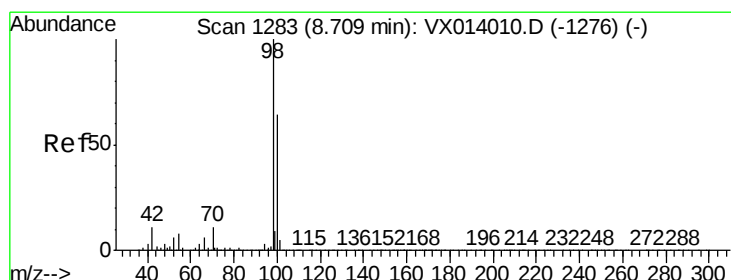
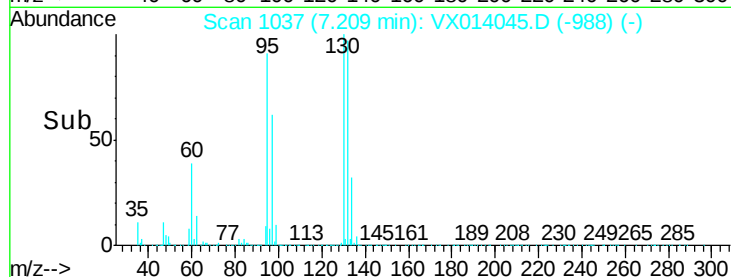
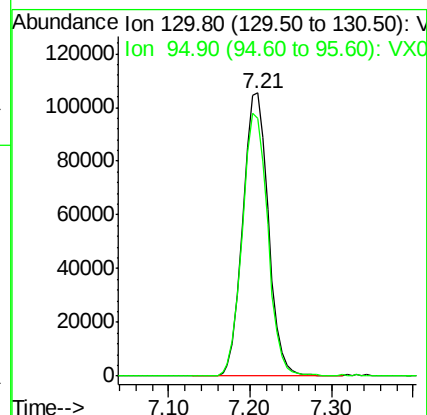
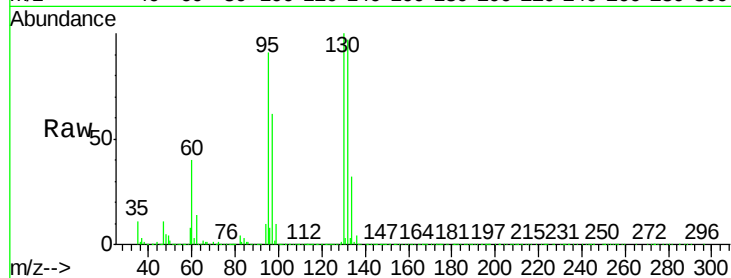




#44
 Trichloroethene
 Concen: 33.585 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014045.D
 Acq: 16 Dec 2019 19:07

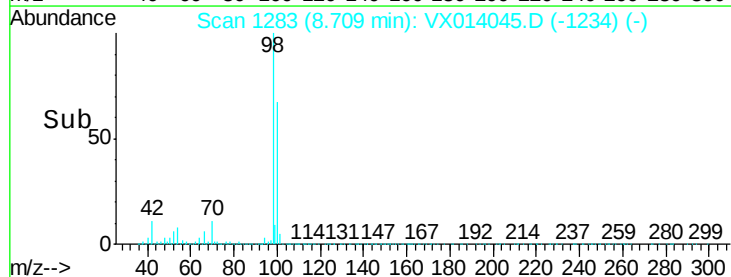
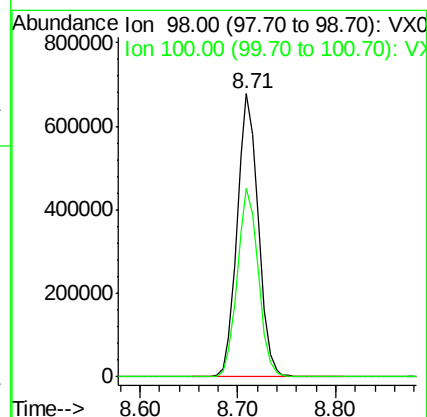
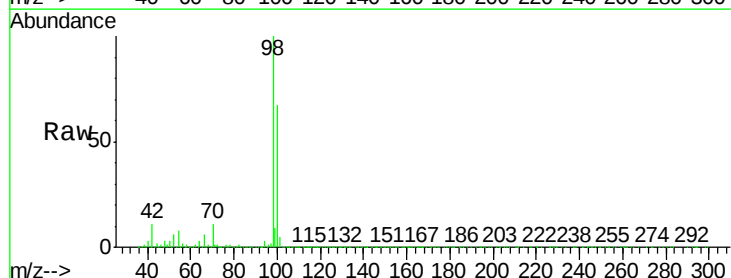
Instrument :
 MSVOA_X
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 RE108D1-20191206

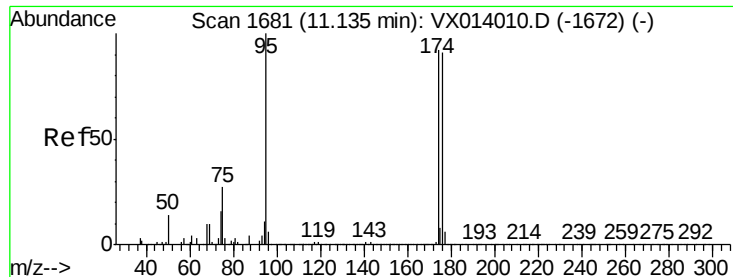
Tot Ion:130 Resp: 227285
 Ion Ratio Lower Upper
 130 100
 95 90.8 0.0 185.6



#50
 Toluene-d8
 Concen: 49.417 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014045.D
 Acq: 16 Dec 2019 19:07

Tgt Ion: 98 Resp: 1014981
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 44.456 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014045.D

Acq: 16 Dec 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20191206

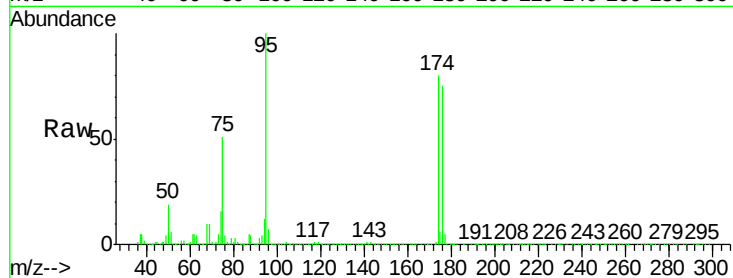
Tot Ion: 95 Resp: 333777

Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.8

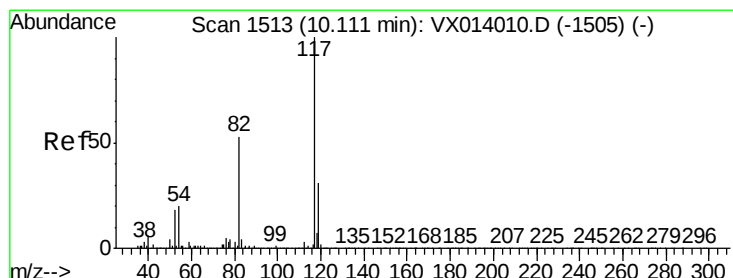
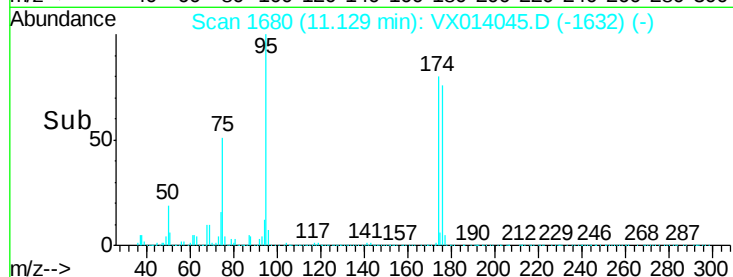
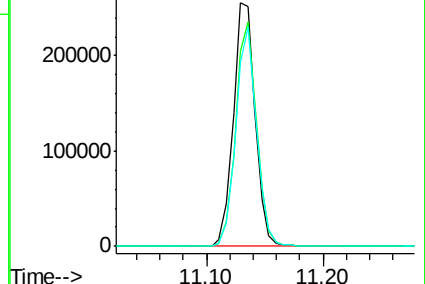
176 85.9 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014045.D

Acq: 16 Dec 2019 19:07

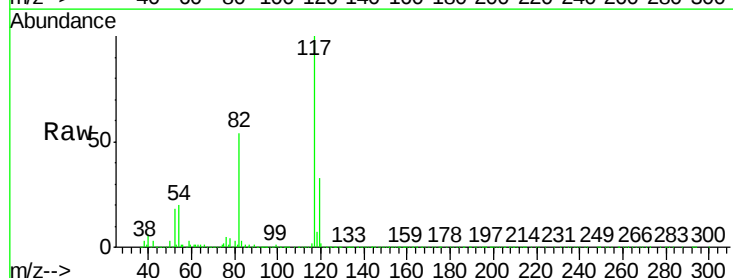
Tgt Ion: 117 Resp: 758944

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

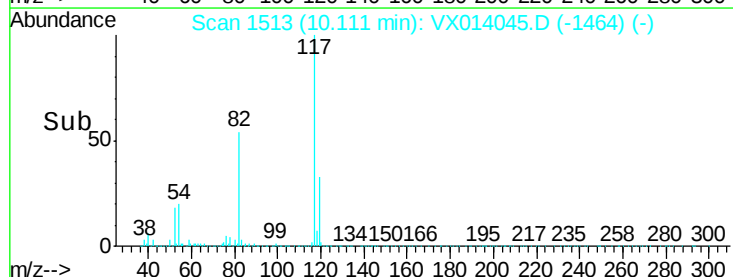
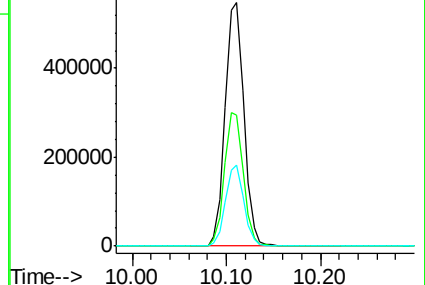
119 33.3 25.1 37.7

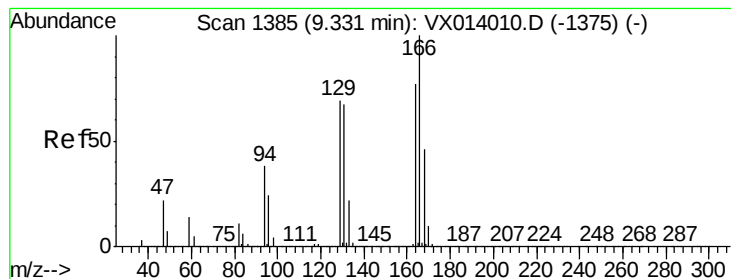


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 1.781 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014045.D

Acq: 16 Dec 2019 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20191206

Tot Ion:164 Resp: 11961

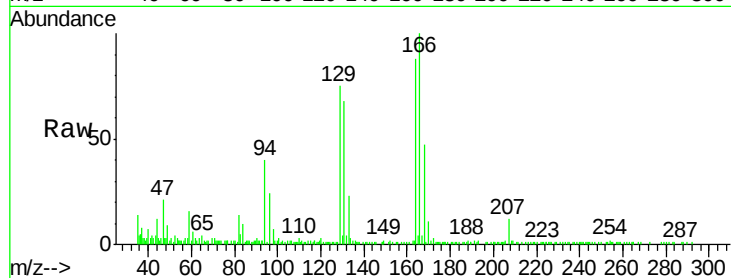
Ion Ratio Lower Upper

164 100

166 112.1 104.0 156.0

129 84.5 72.2 108.4

131 75.6 69.6 104.4

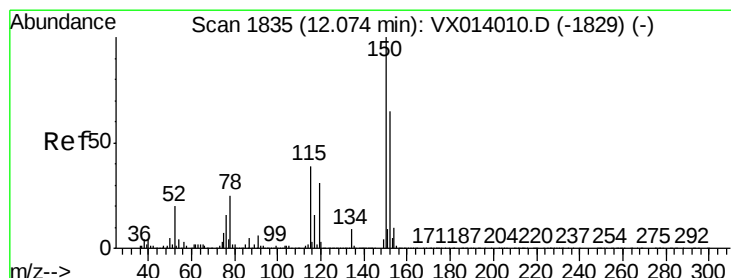
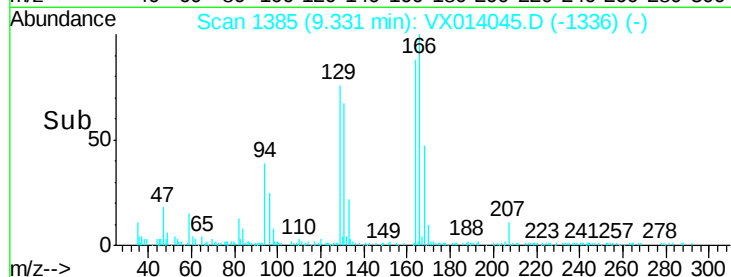
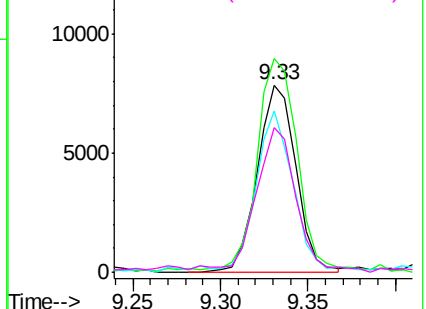


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014045.D

Acq: 16 Dec 2019 19:07

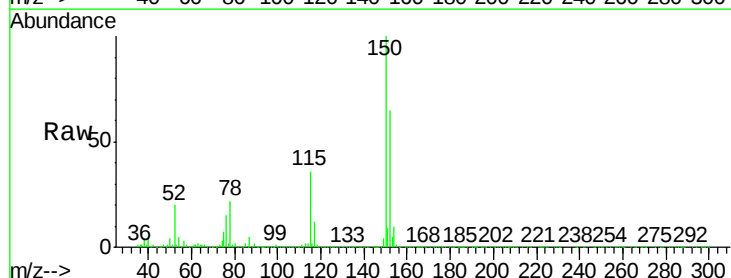
Tgt Ion:152 Resp: 324419

Ion Ratio Lower Upper

152 100

115 55.9 38.3 114.9

150 154.2 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

