

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014251.D
 Acq On : 24 Dec 2019 17:35
 Operator : JC/SP
 Sample : K6405-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 995-MW-11-(15)

Quant Time: Dec 25 07:48:29 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

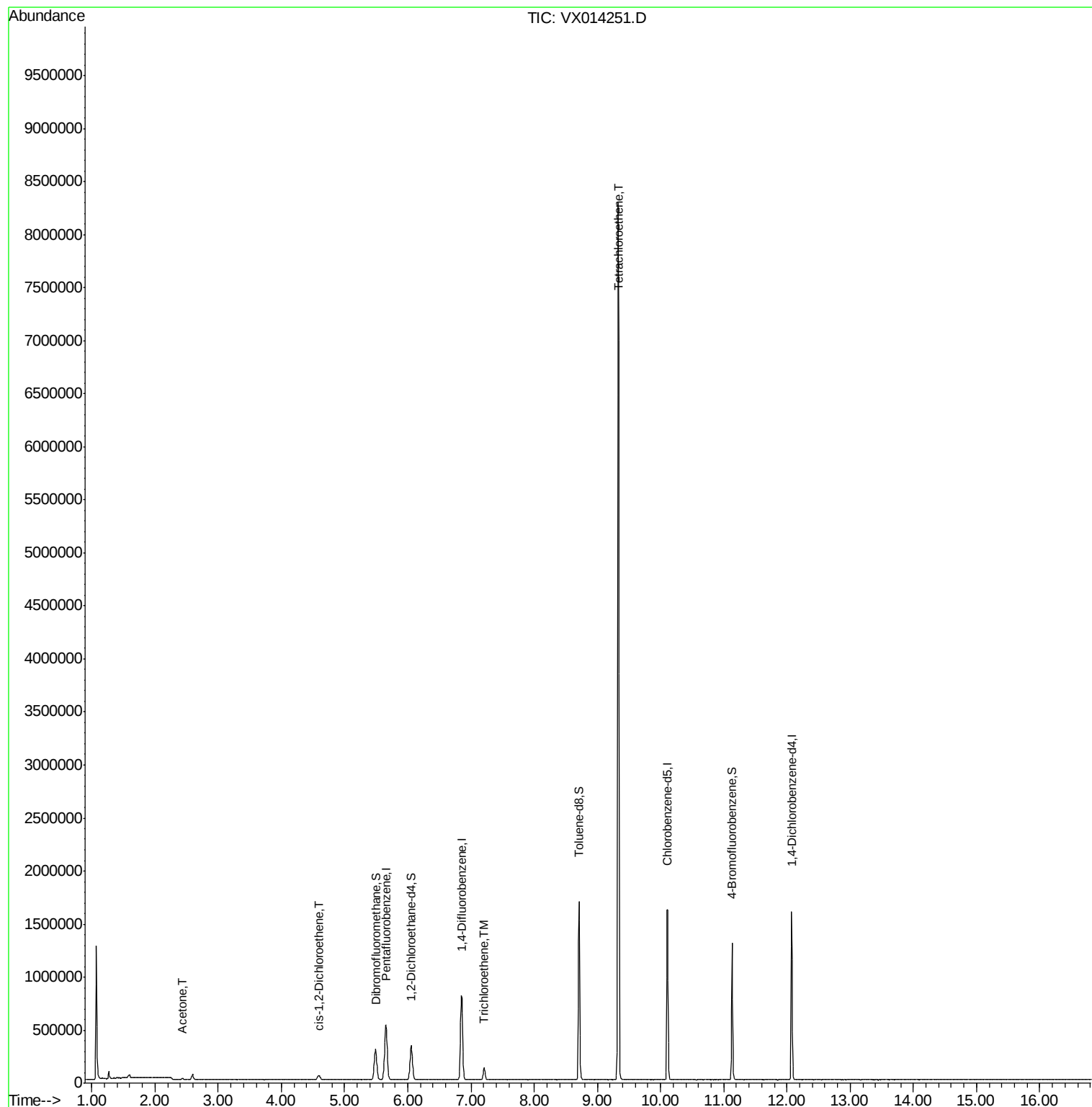
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	538402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	828843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	759077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	300316	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
35) Dibromofluoromethane	5.49	113	247836	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	992016	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	333814	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
16) Acetone	2.43	43	14143	3.570	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	27056	4.193	ug/l	93
44) Trichloroethene	7.21	130	47056	7.281	ug/l	90
64) Tetrachloroethene	9.33	164	1620509	241.259	ug/l	99

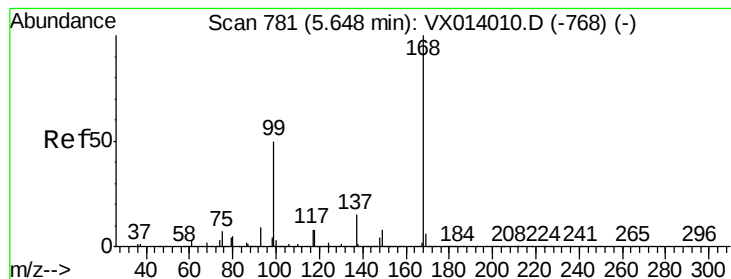
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014251.D

Acq: 24 Dec 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

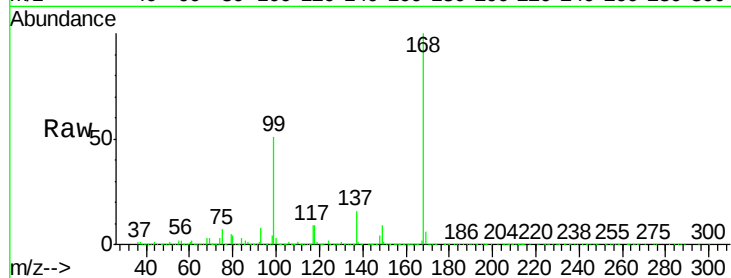
995-MW-11-(15)

Tot Ion:168 Resp: 538402

Ion Ratio Lower Upper

168 100

99 50.9 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

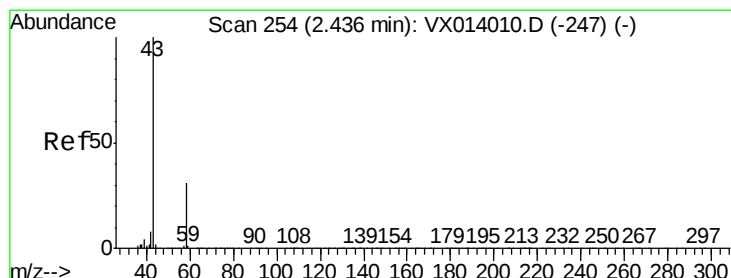
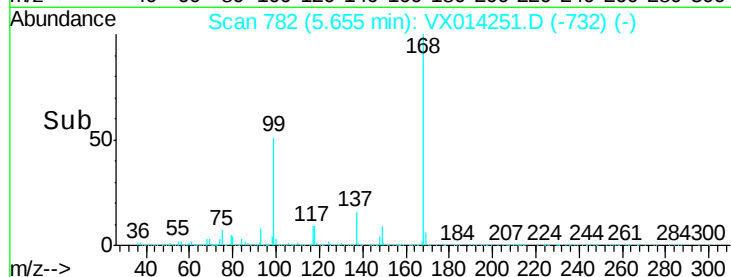
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 3.570 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014251.D

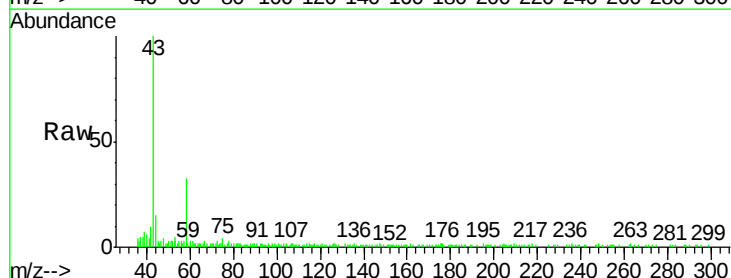
Acq: 24 Dec 2019 17:35

Tgt Ion: 43 Resp: 14143

Ion Ratio Lower Upper

43 100

58 30.3 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

10000

8000

6000

4000

2000

0

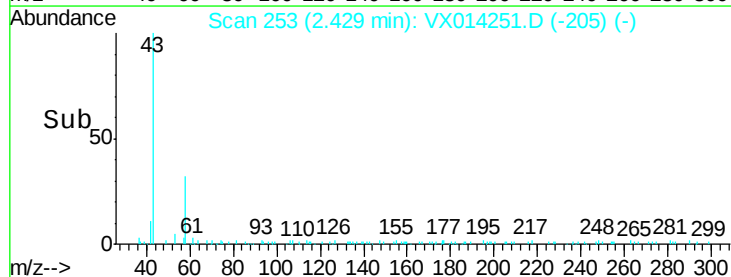
Time-->

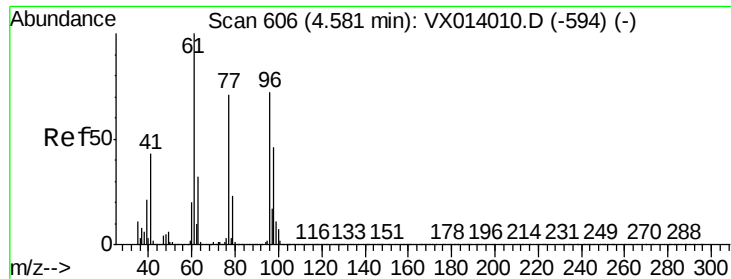
2.35

2.40

2.45

2.50



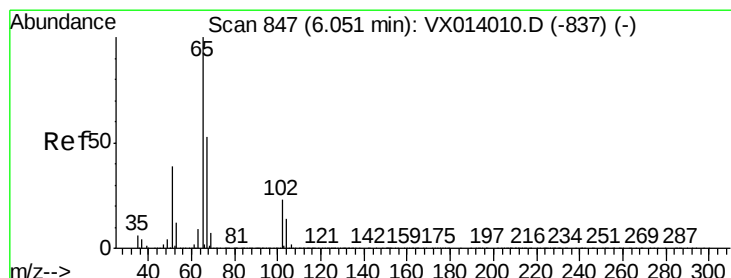
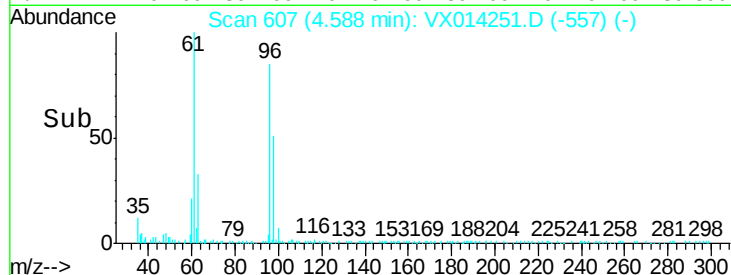
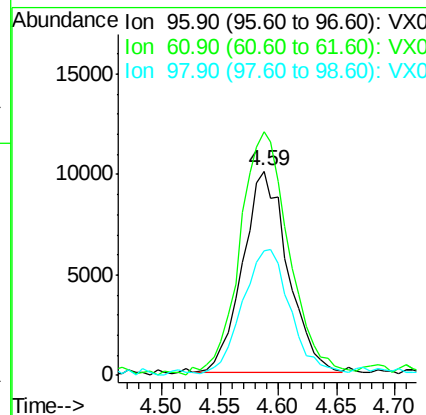
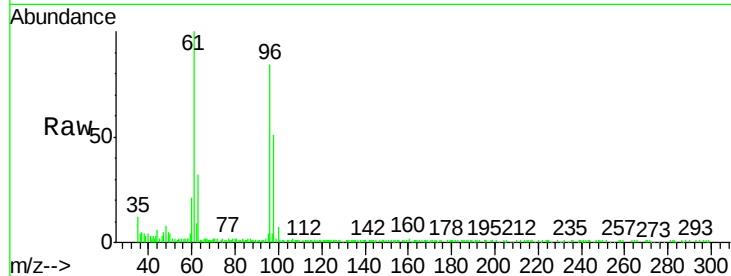


#27

cis-1,2-Dichloroethene
 Concen: 4.193 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX014251.D
 Acq: 24 Dec 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 995-MW-11-(15)

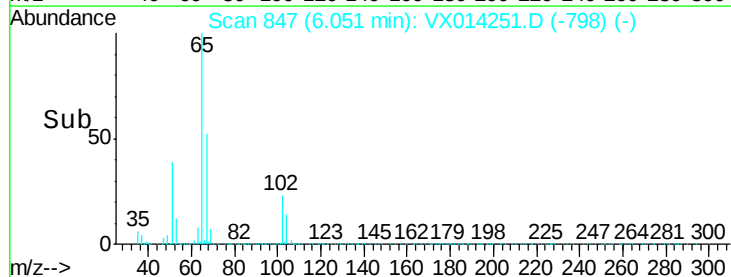
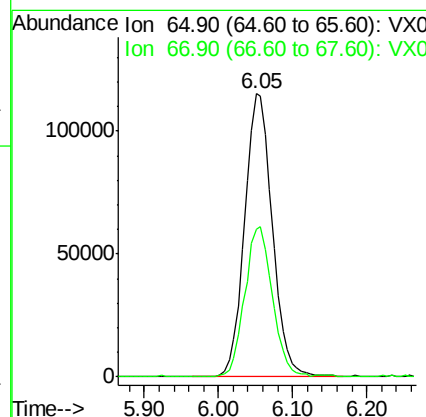
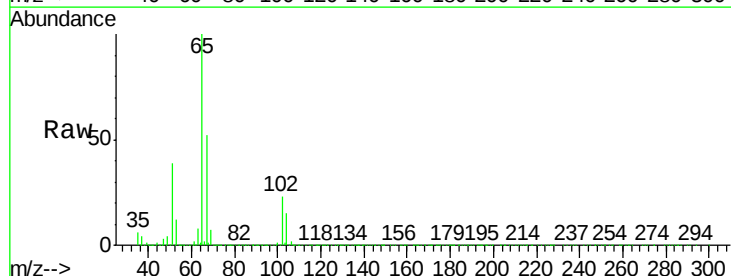
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	288.4
98	64.6	0.0	129.6

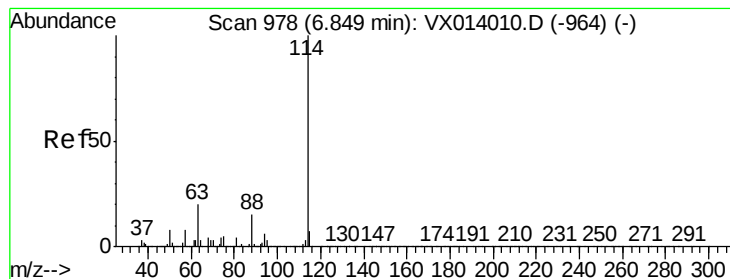


#33

1,2-Dichloroethane-d4
 Concen: 49.216 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014251.D
 Acq: 24 Dec 2019 17:35

Tgt 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: VX014251.D

Acq: 24 Dec 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

995-MW-11-(15)

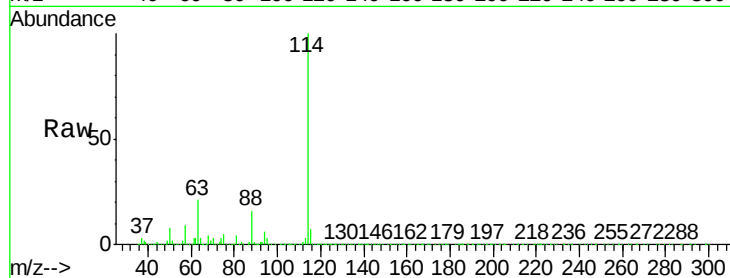
Tot Ion:114 Resp: 828843

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

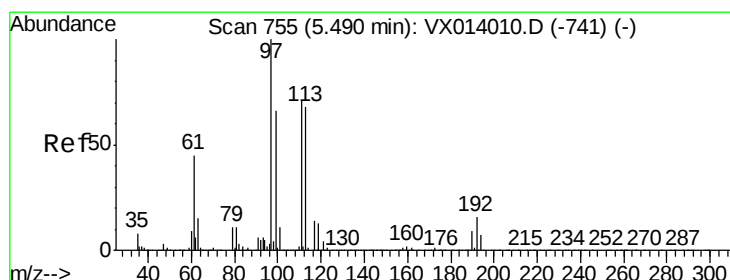
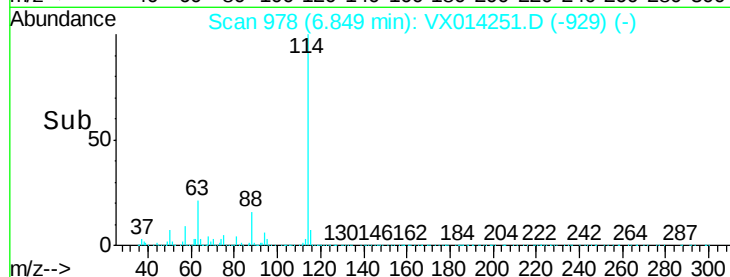
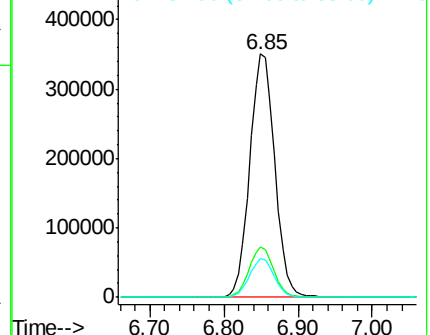
88 15.9 0.0 30.4



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: 49.189 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014251.D

Acq: 24 Dec 2019 17:35

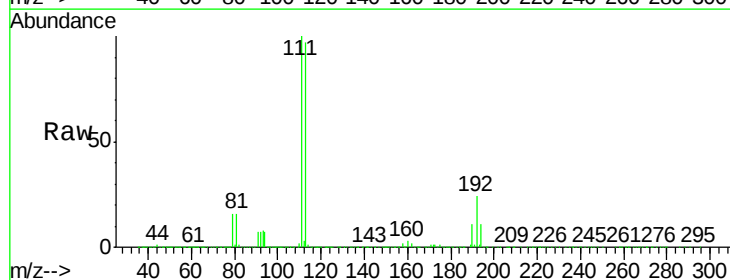
Tgt Ion:113 Resp: 247836

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

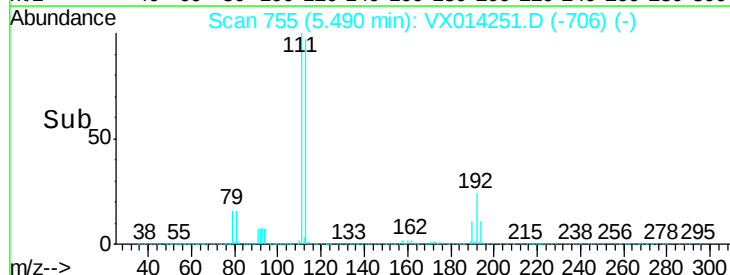
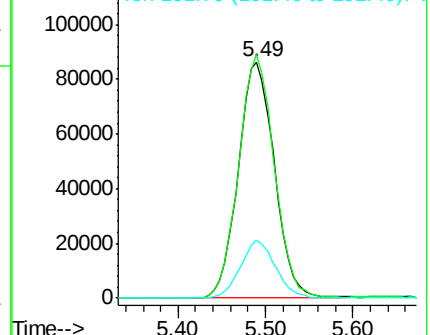
192 23.9 19.3 28.9

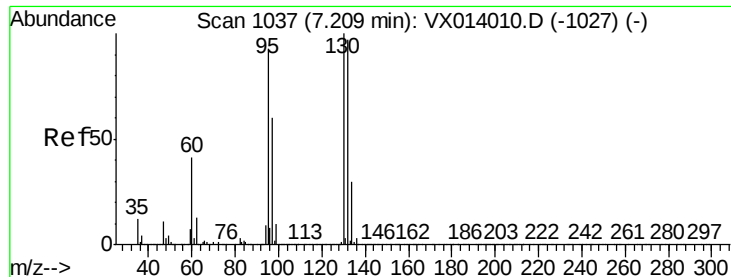


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.281 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014251.D

Acq: 24 Dec 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

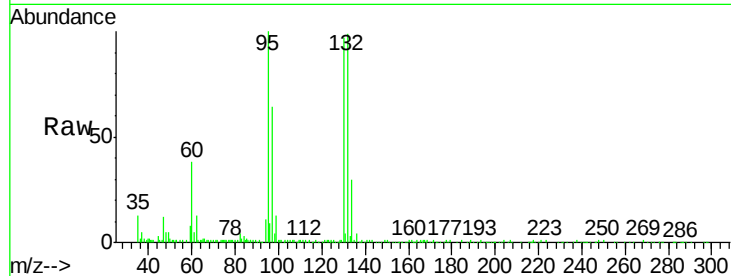
995-MW-11-(15)

Tot Ion:130 Resp: 47056

Ion Ratio Lower Upper

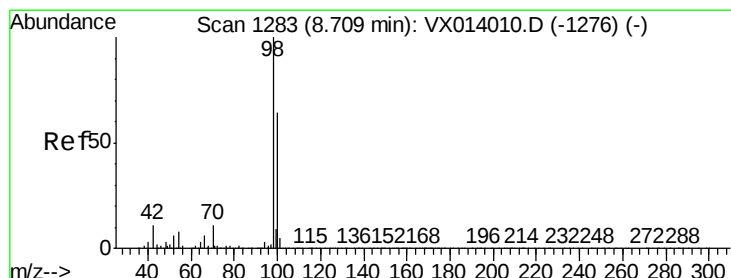
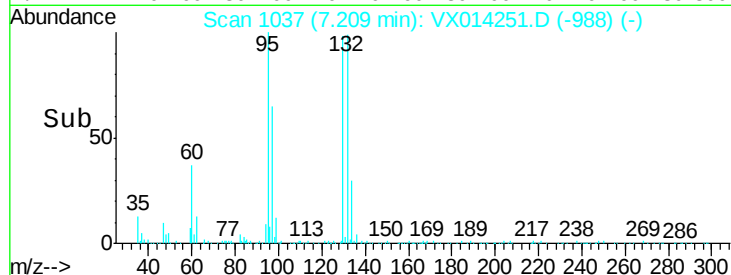
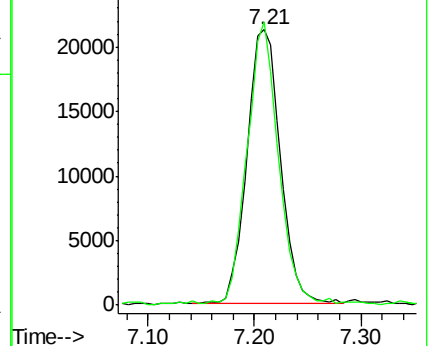
130 100

95 102.2 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: 50.572 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014251.D

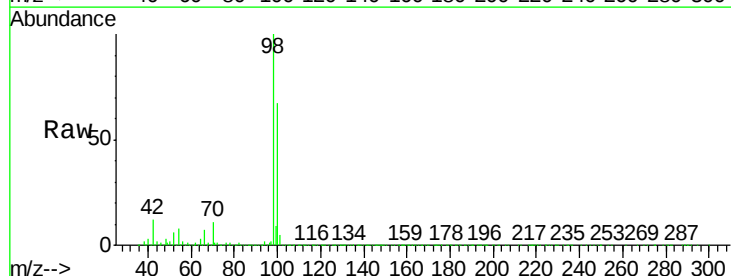
Acq: 24 Dec 2019 17:35

Tgt Ion: 98 Resp: 992016

Ion Ratio Lower Upper

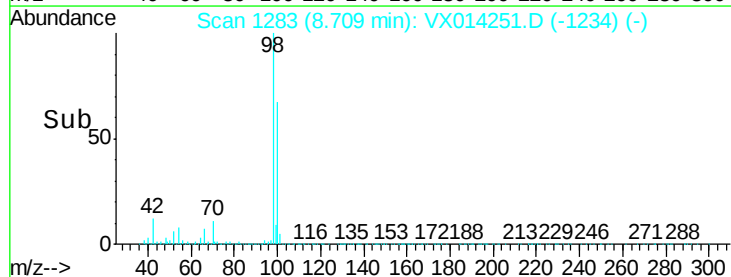
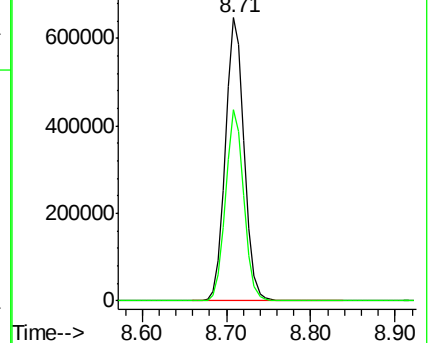
98 100

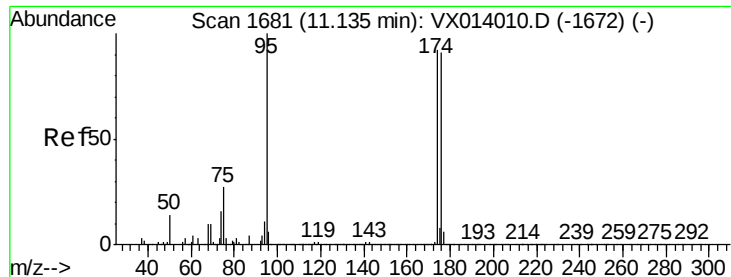
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.554 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014251.D

Acq: 24 Dec 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

995-MW-11-(15)

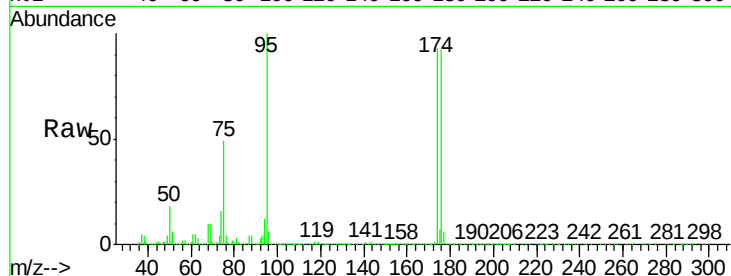
Tot Ion: 95 Resp: 333814

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.8

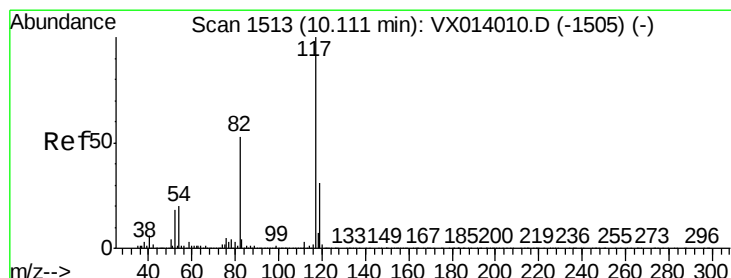
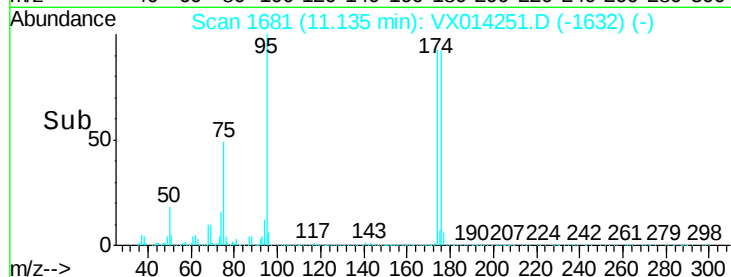
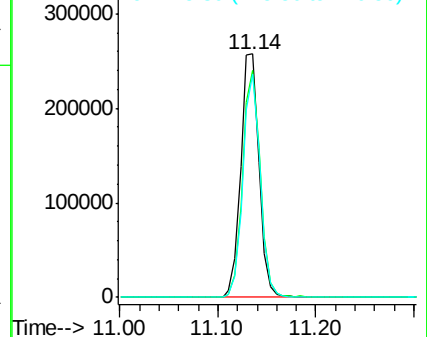
176 86.8 0.0 173.0



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# 1513

Delta R.T. 0.00 min

Lab File: VX014251.D

Acq: 24 Dec 2019 17:35

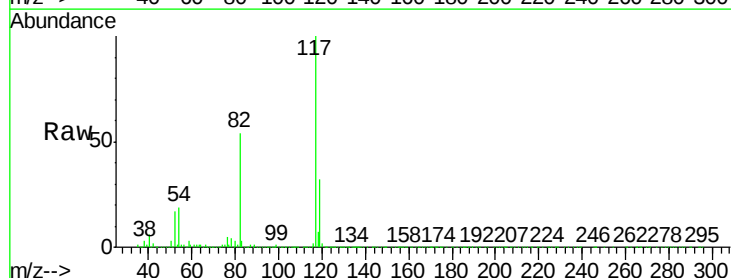
Tgt Ion: 117 Resp: 759077

Ion Ratio Lower Upper

117 100

82 53.6 42.2 63.4

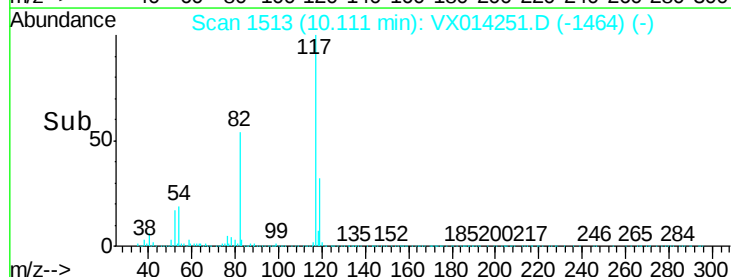
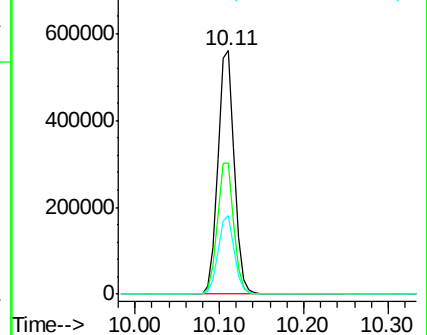
119 32.0 25.1 37.7

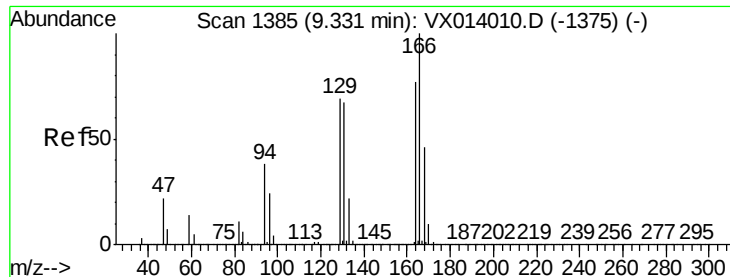


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 241.259 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014251.D

Acq: 24 Dec 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

995-MW-11-(15)

Tot Ion:164 Resp: 1620509

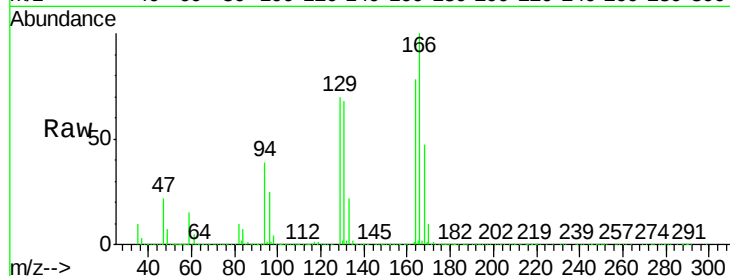
Ion Ratio Lower Upper

164 100

166 127.7 104.0 156.0

129 89.2 72.2 108.4

131 86.8 69.6 104.4

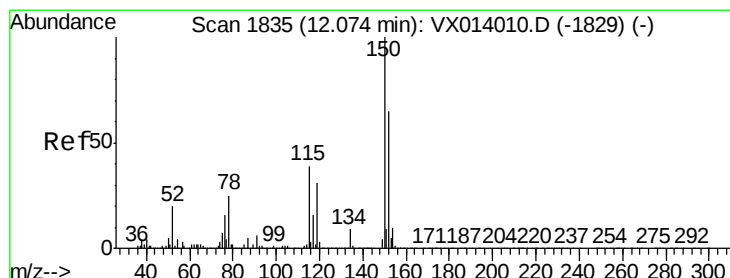
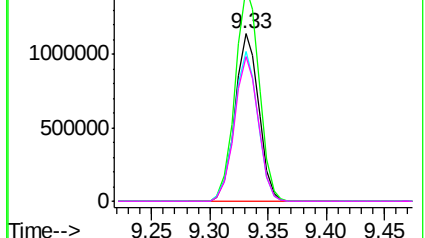
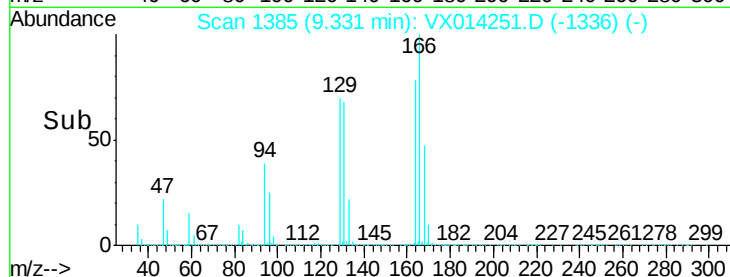


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014251.D

Acq: 24 Dec 2019 17:35

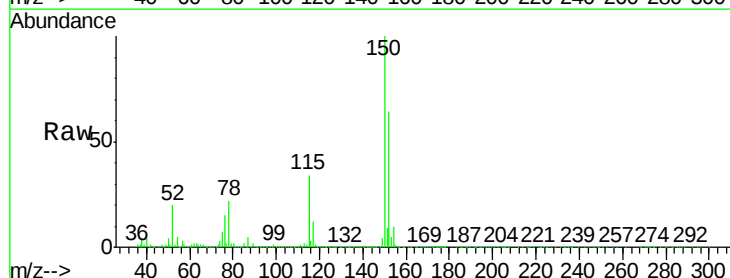
Tgt Ion:152 Resp: 334150

Ion Ratio Lower Upper

152 100

115 55.0 38.3 114.9

150 157.3 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

