

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014282.D
 Acq On : 26 Dec 2019 20:14
 Operator : JC/SP
 Sample : K6405-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 993-MW-03A-(17)DL

Quant Time: Dec 27 07:30:22 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

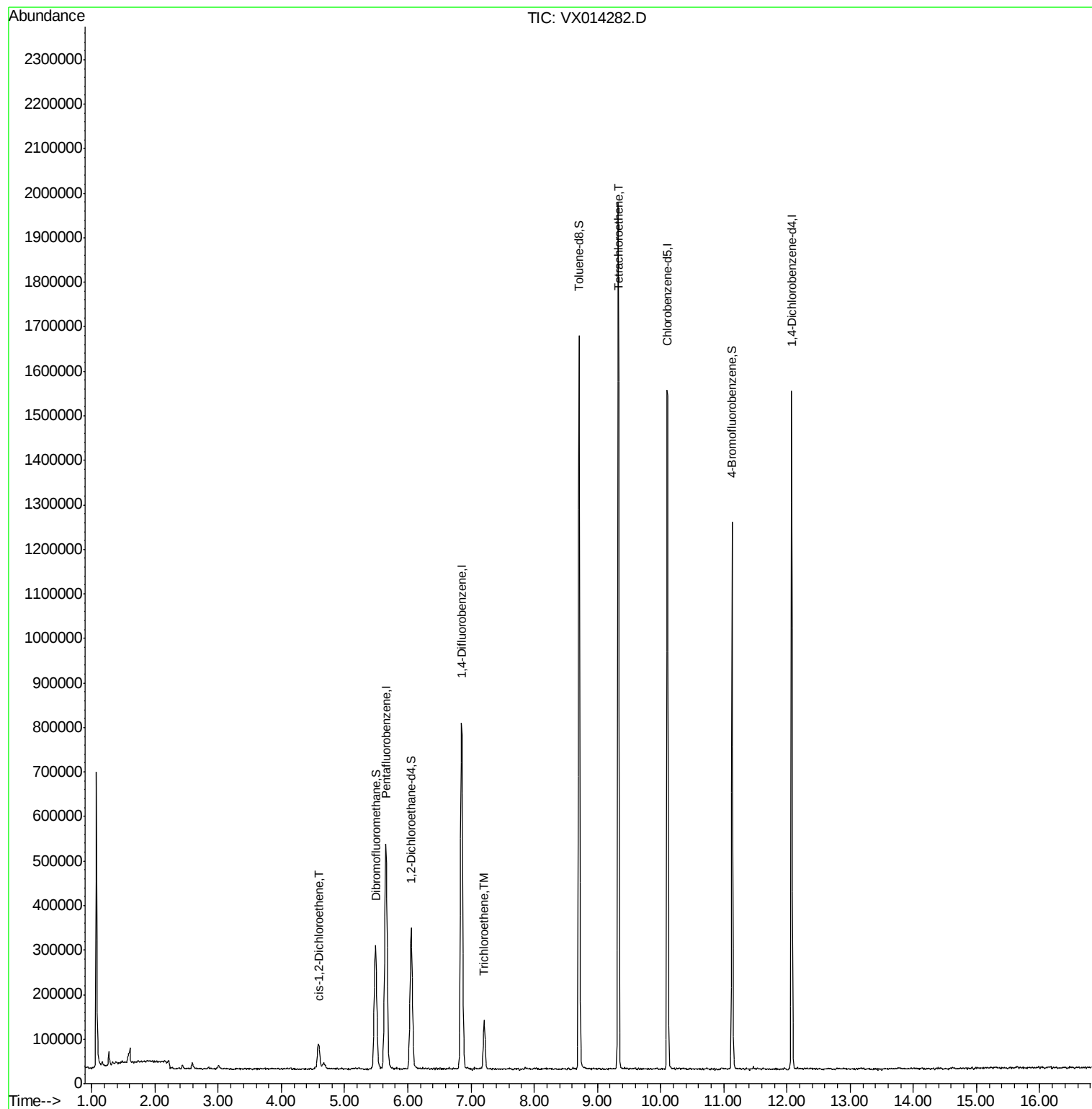
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	527397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	815574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	730963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	292862	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	5.49	113	243092	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	961203	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.14	95	321356	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	37929	6.000	ug/l	89
44) Trichloroethene	7.21	130	45863	7.211	ug/l	95
64) Tetrachloroethene	9.33	164	370872	57.338	ug/l	98

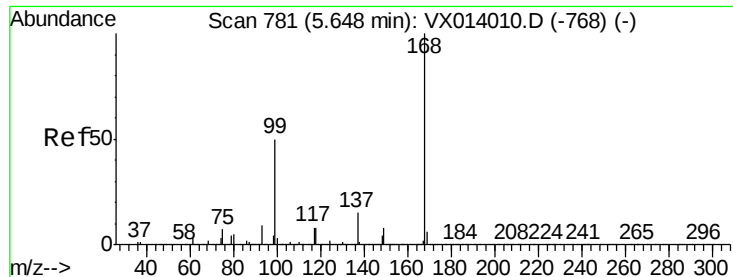
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014282.D

Acq: 26 Dec 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

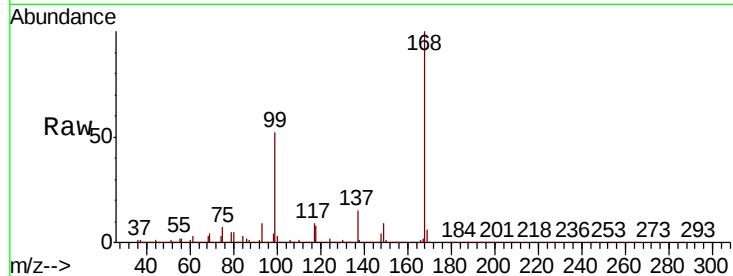
993-MW-03A-(17)DL

Tot Ion:168 Resp: 527397

Ion Ratio Lower Upper

168 100

99 51.5 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

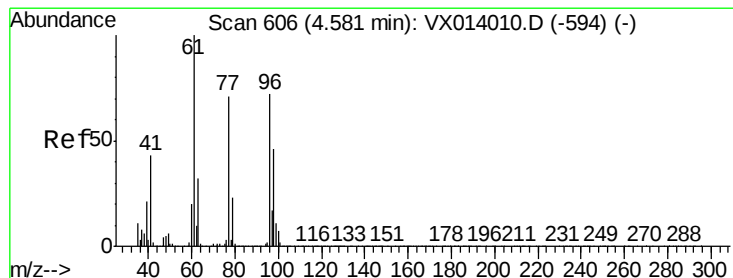
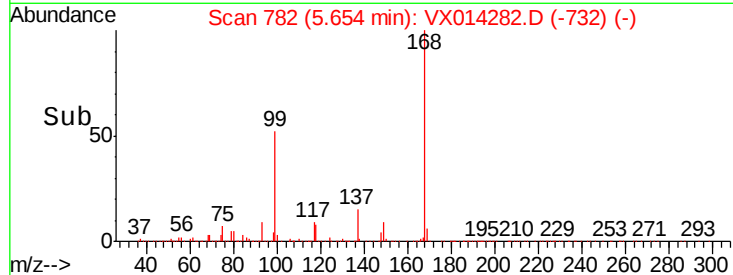
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 6.000 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX014282.D

Acq: 26 Dec 2019 20:14

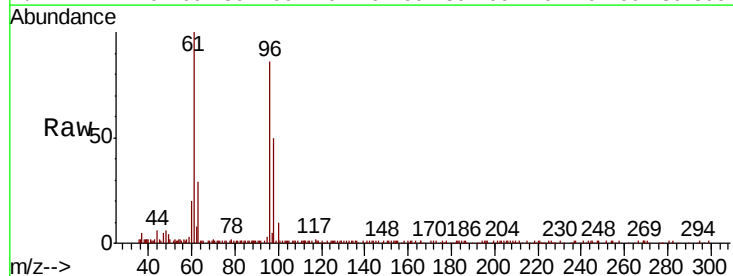
Tgt Ion: 96 Resp: 37929

Ion Ratio Lower Upper

96 100

61 124.8 0.0 288.4

98 65.5 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

20000

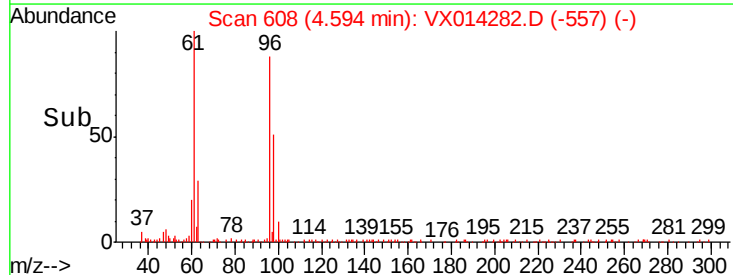
15000

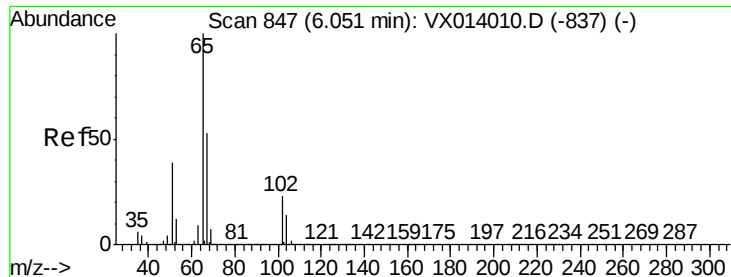
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.996 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014282.D

Acq: 26 Dec 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

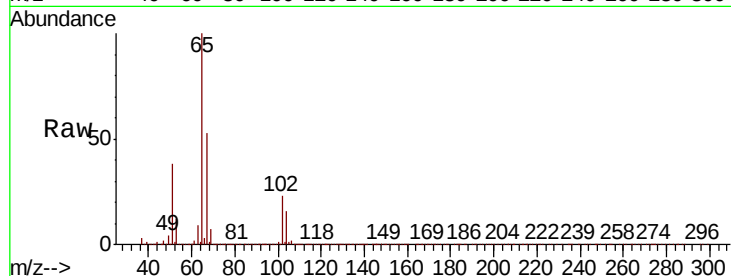
993-MW-03A-(17)DL

Tot Ion: 65 Resp: 292862

Ion Ratio Lower Upper

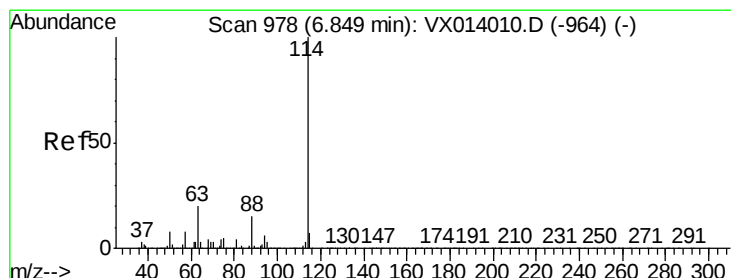
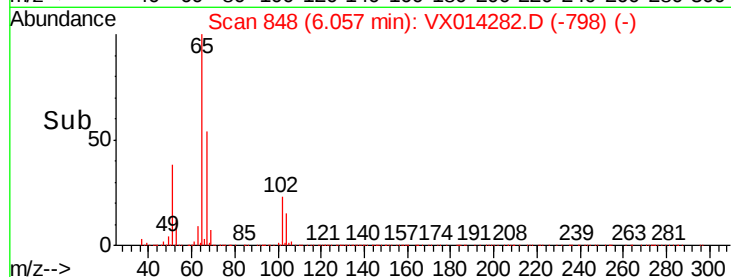
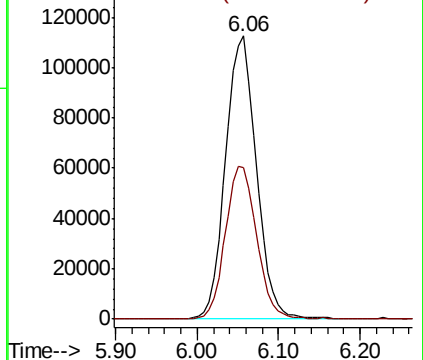
65 100

67 54.4 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: VX014282.D

Acq: 26 Dec 2019 20:14

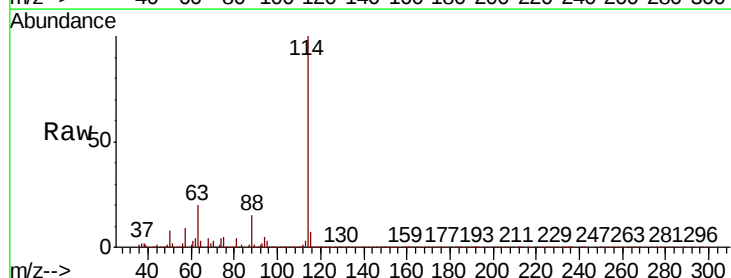
Tgt Ion: 114 Resp: 815574

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

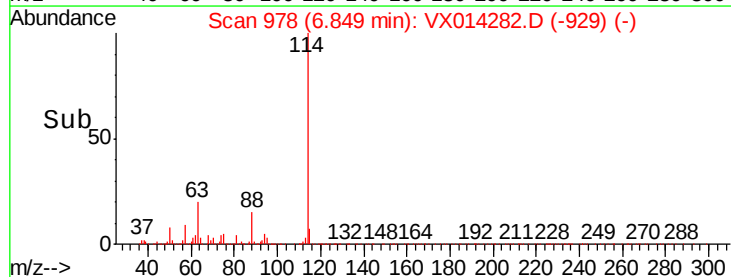
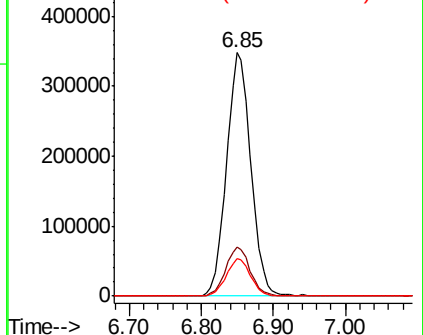
88 15.3 0.0 30.4

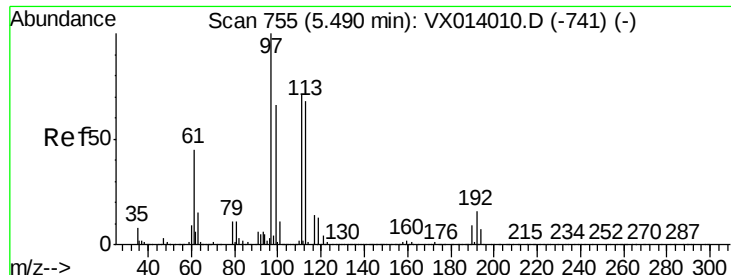


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

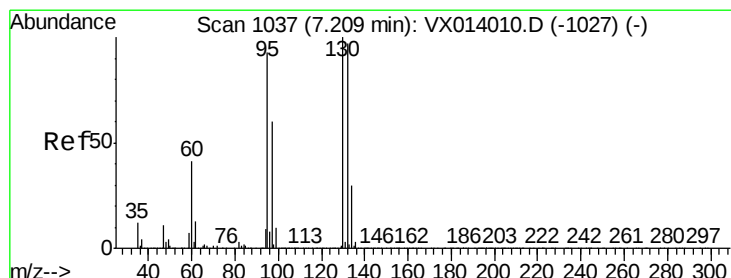
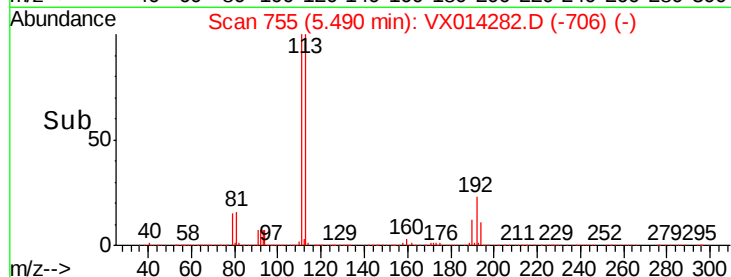
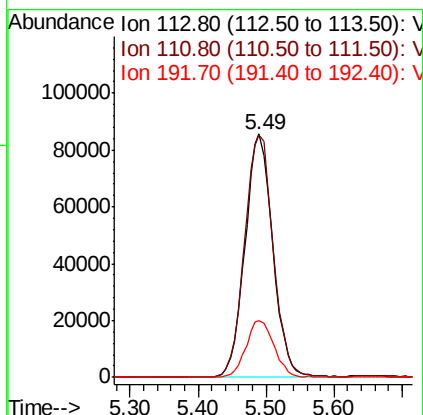
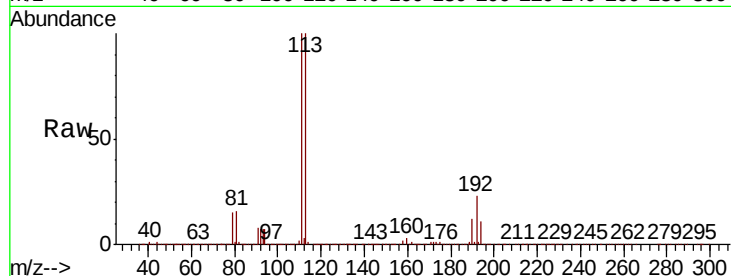




#35
Dibromofluoromethane
Concen: 49.032 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014282.D
Acq: 26 Dec 2019 20:14

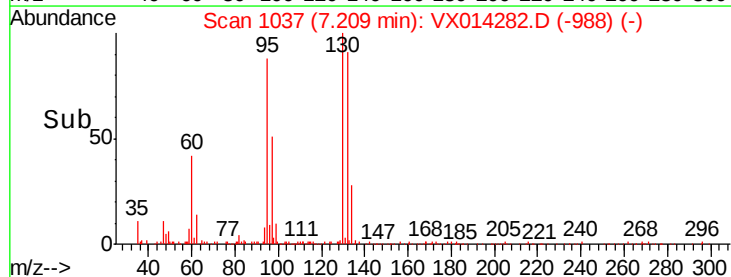
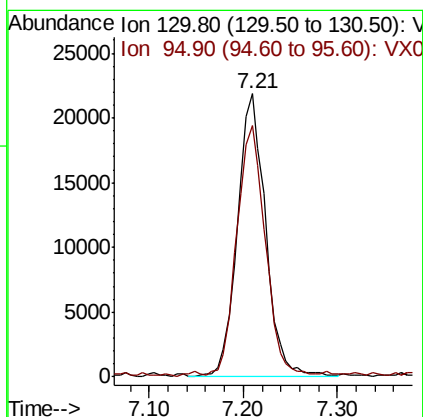
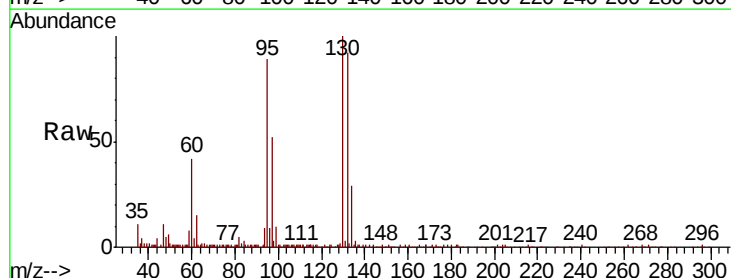
Instrument :
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993-MW-03A-(17)DL

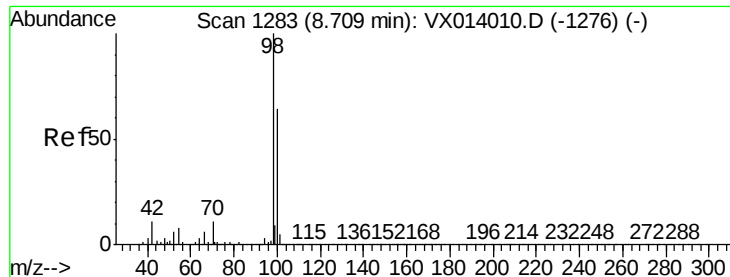
Tot Ion:113 Resp: 243092
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 23.8 19.3 28.9



#44
Trichloroethene
Concen: 7.211 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014282.D
Acq: 26 Dec 2019 20:14

Tgt Ion:130 Resp: 45863
Ion Ratio Lower Upper
130 100
95 87.8 0.0 185.6





#50

Toluene-d8

Concen: 49.798 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014282.D

Acq: 26 Dec 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

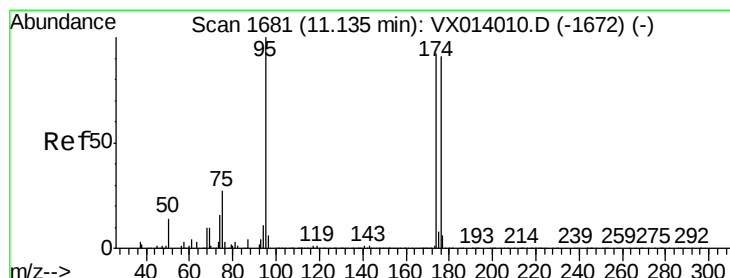
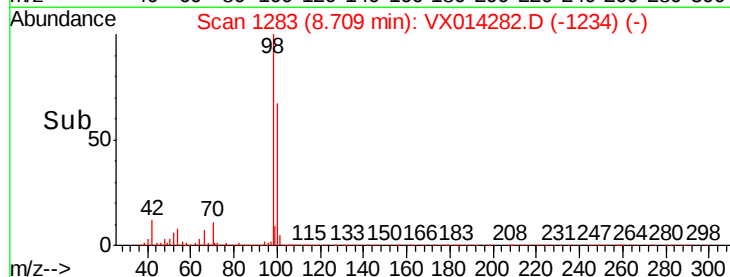
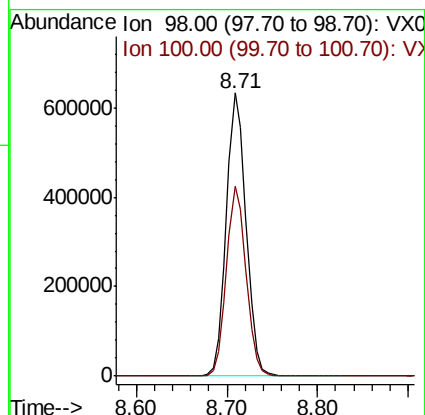
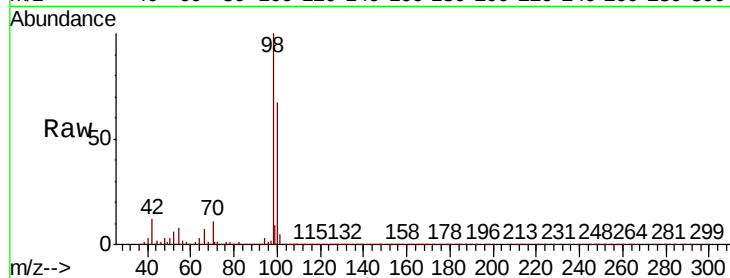
993-MW-03A-(17)DL

Tot Ion: 98 Resp: 961203

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.546 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014282.D

Acq: 26 Dec 2019 20:14

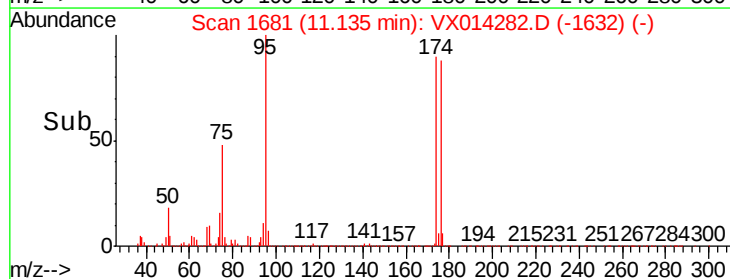
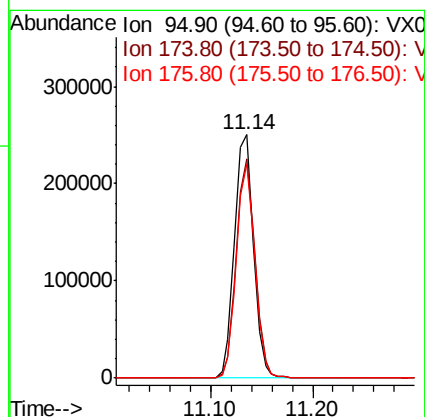
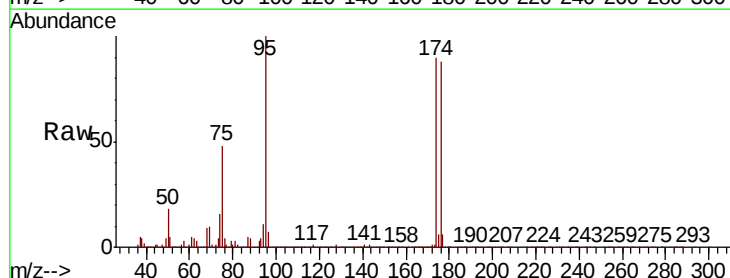
Tgt Ion: 95 Resp: 321356

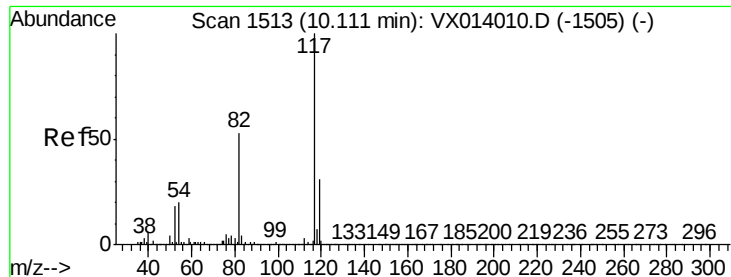
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

176 85.7 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014282.D

Acq: 26 Dec 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

993-MW-03A-(17)DL

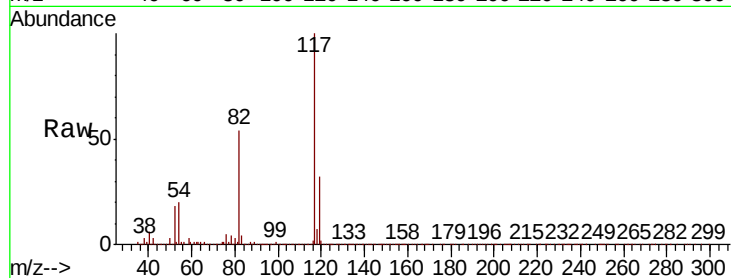
Tot Ion:117 Resp: 730963

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

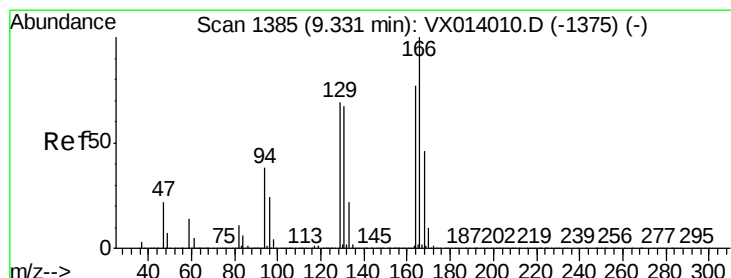
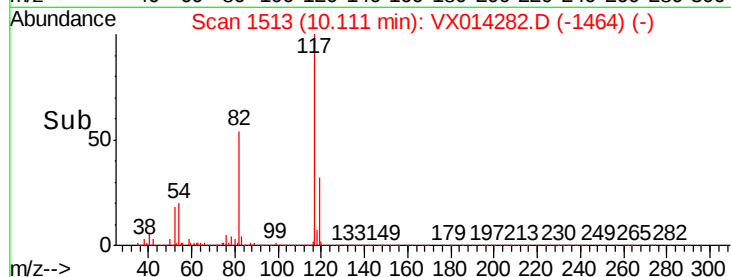
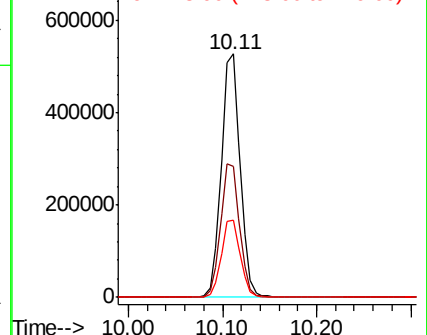
119 31.9 25.1 37.7



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: 57.338 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014282.D

Acq: 26 Dec 2019 20:14

Tgt Ion:164 Resp: 370872

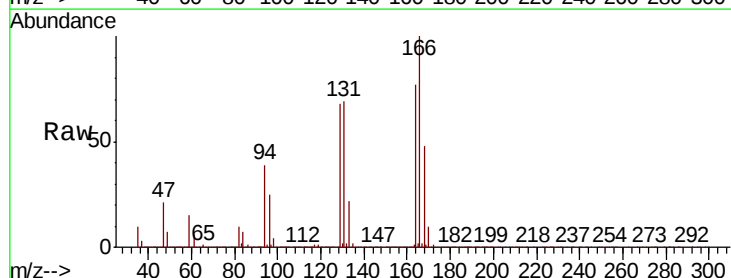
Ion Ratio Lower Upper

164 100

166 129.2 104.0 156.0

129 87.4 72.2 108.4

131 88.8 69.6 104.4

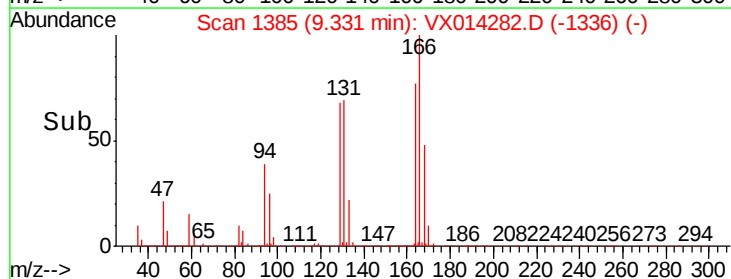
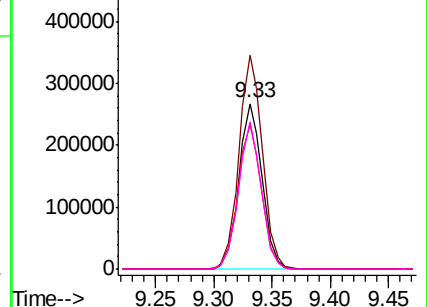


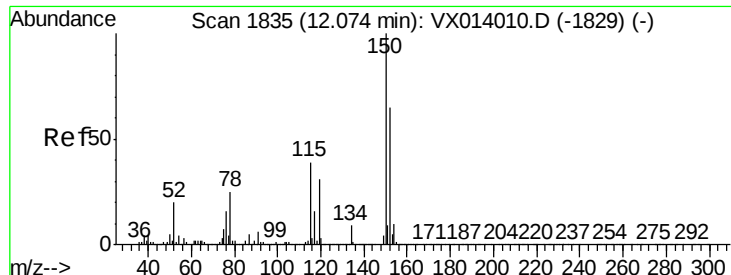
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014282.D

Acq: 26 Dec 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

993-MW-03A-(17)DL

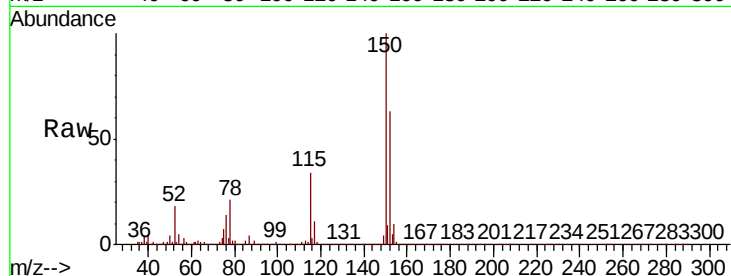
Tot Ion:152 Resp: 317988

Ion Ratio Lower Upper

152 100

115 54.7 38.3 114.9

150 158.4 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

