

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013803.D
 Acq On : 06 Dec 2019 16:39
 Operator : JC/SP
 Sample : K6184-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20191204

Quant Time: Dec 07 04:21:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

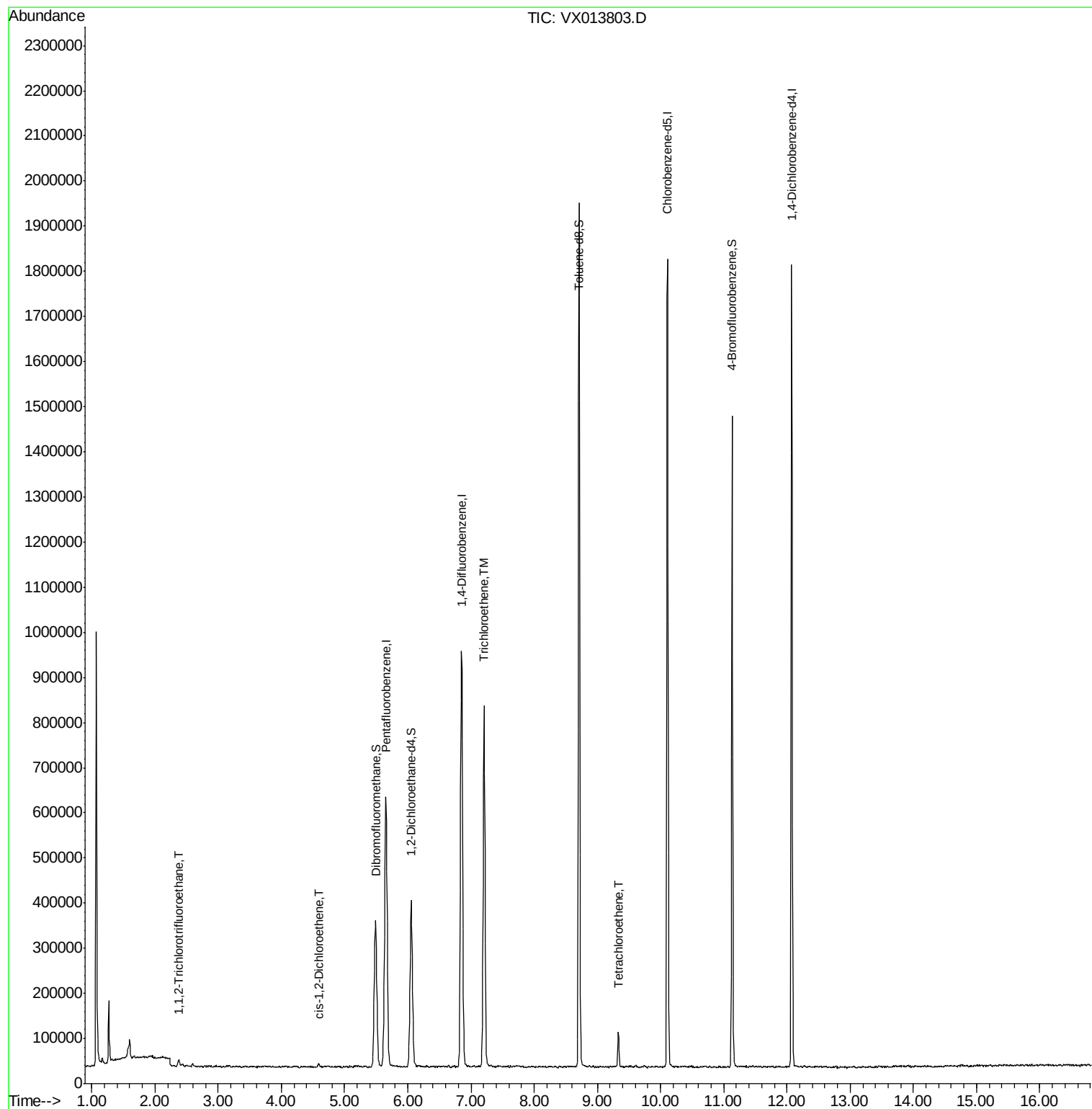
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	629721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	955804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	849147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	343886	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
35) Dibromofluoromethane	5.49	113	284010	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	1121660	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	378242	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7421	1.236	ug/l	89
27) cis-1,2-Dichloroethene	4.59	96	3111	0.415	ug/l	85
44) Trichloroethene	7.21	130	323320	44.582	ug/l	98
64) Tetrachloroethene	9.34	164	16228	2.563	ug/l	95

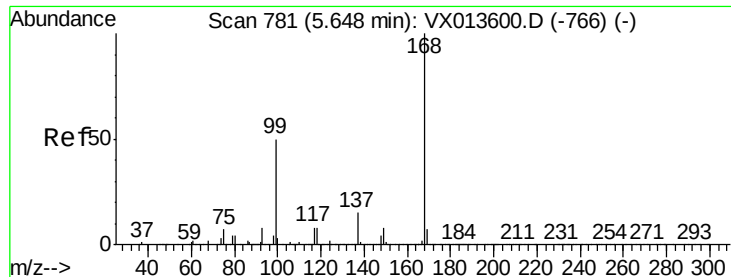
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013803.D

Acq: 06 Dec 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

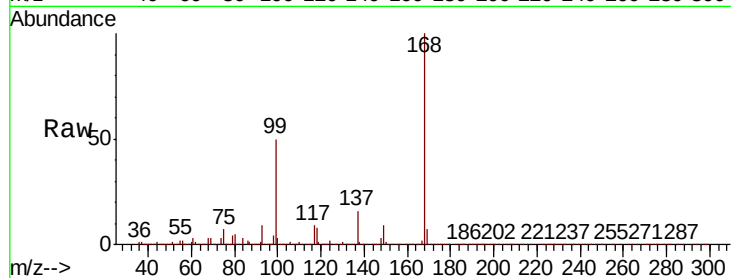
RE104D1-20191204

Tot Ion:168 Resp: 629721

Ion Ratio Lower Upper

168 100

99 50.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

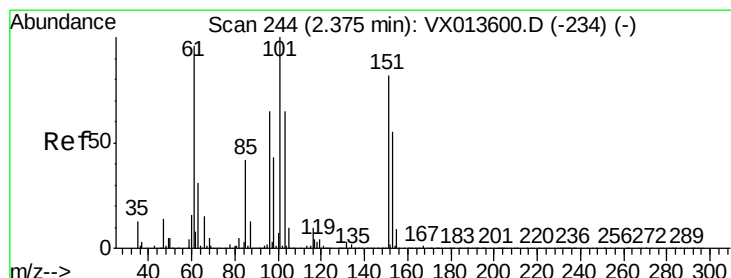
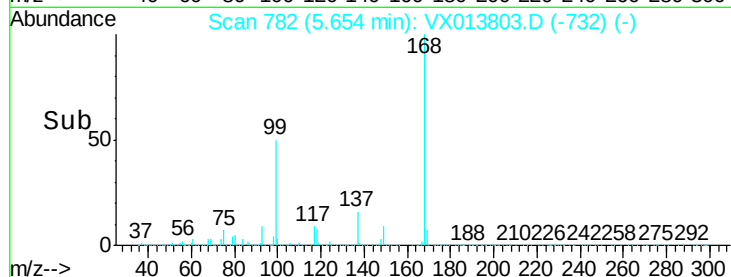
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.236 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013803.D

Acq: 06 Dec 2019 16:39

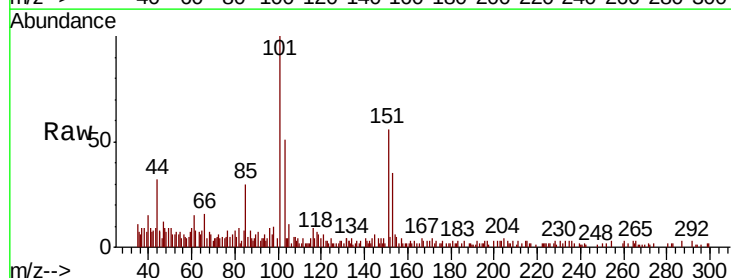
Tgt Ion:101 Resp: 7421

Ion Ratio Lower Upper

101 100

85 47.4 33.9 50.9

151 69.7 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

5000

4000

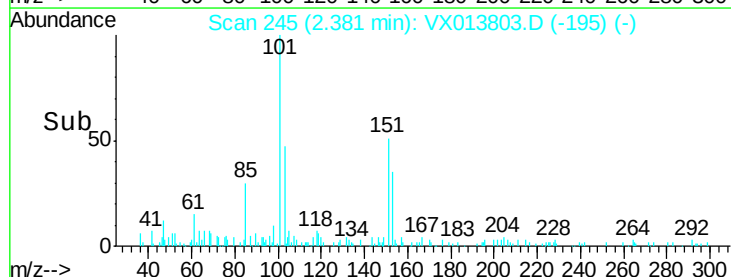
3000

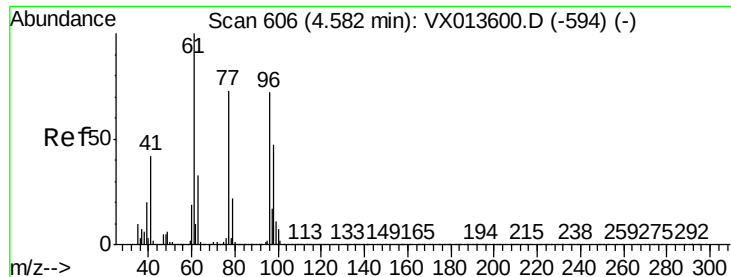
2000

1000

0

Time-->



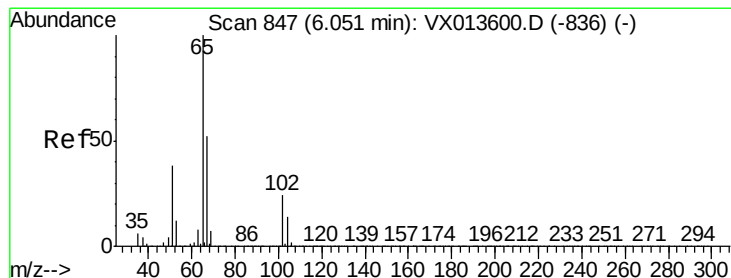
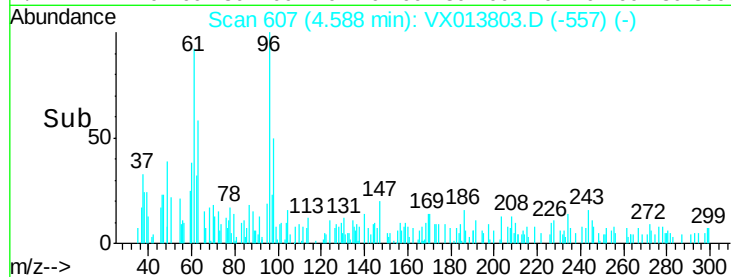
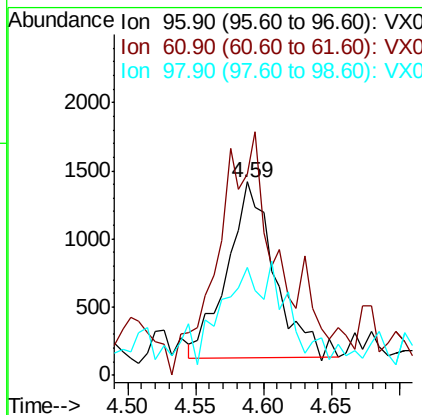
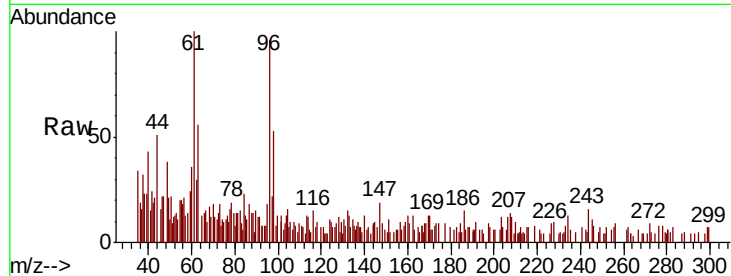


#27

cis-1,2-Dichloroethene
 Concen: 0.415 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013803.D
 Acq: 06 Dec 2019 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20191204

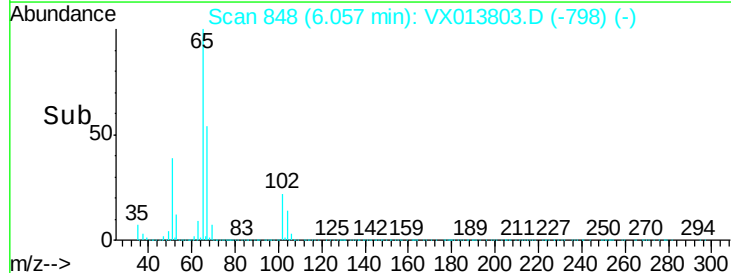
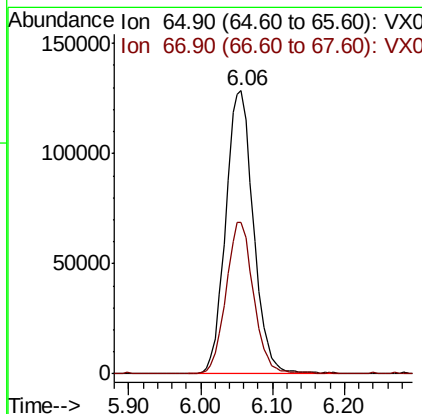
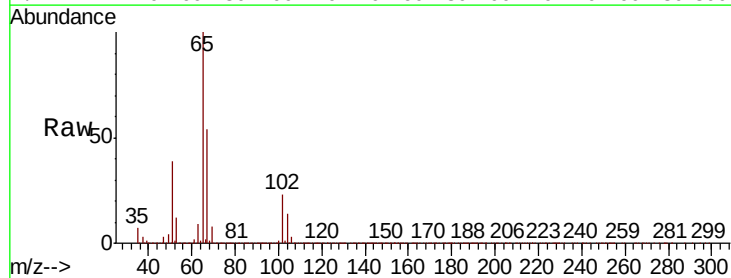
Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	286.4
98	45.5	0.0	127.4

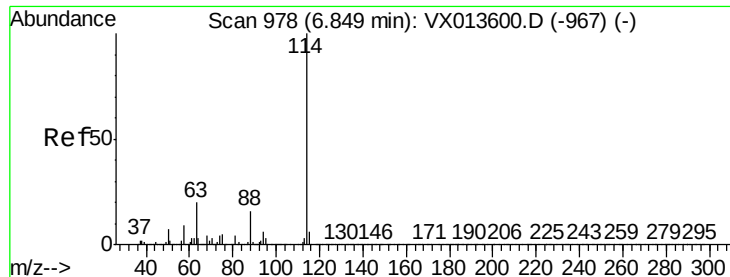


#33

1,2-Dichloroethane-d4
 Concen: 47.046 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013803.D
 Acq: 06 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.4

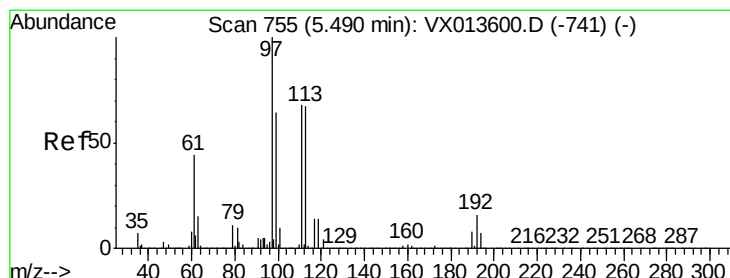
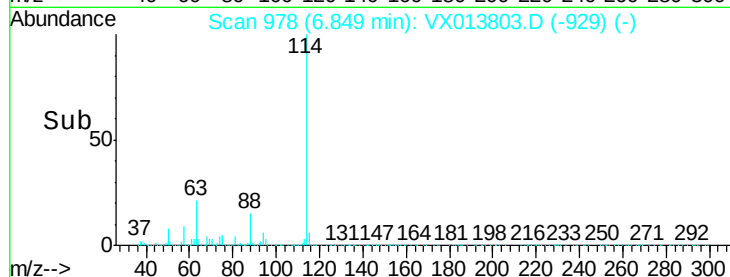
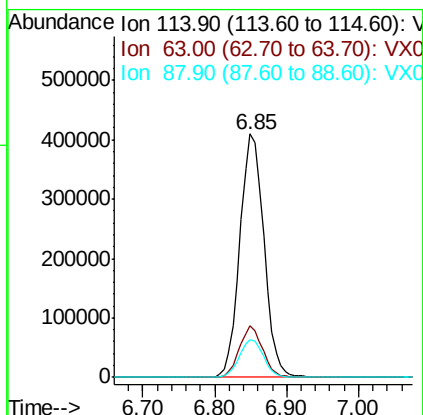
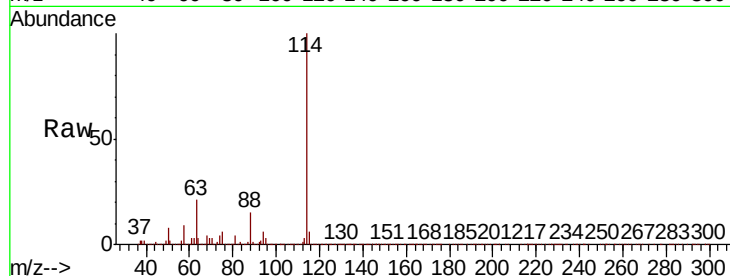




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013803.D
 Acq: 06 Dec 2019 16:39

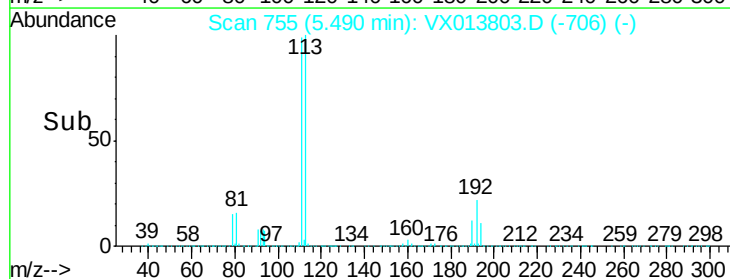
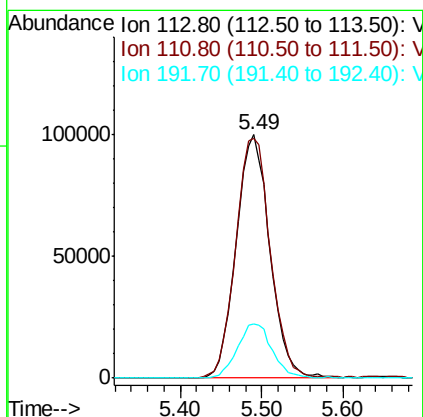
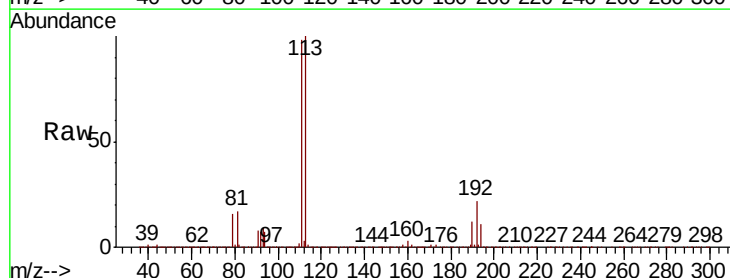
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20191204

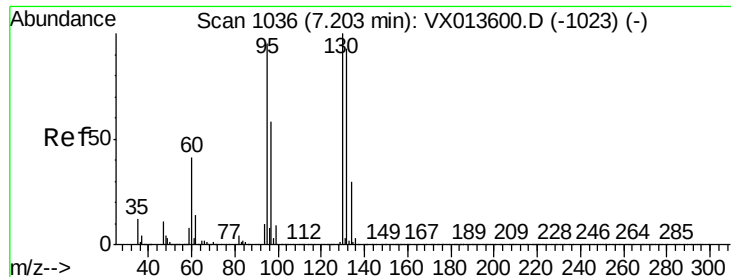
Tot Ion:	114	Resp:	955804
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.6
88	15.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 48.065 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013803.D
 Acq: 06 Dec 2019 16:39

Tgt Ion:	113	Resp:	284010
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.6	125.4
192	23.0	19.2	28.8





#44

Trichloroethene

Concen: 44.582 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013803.D

Acq: 06 Dec 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

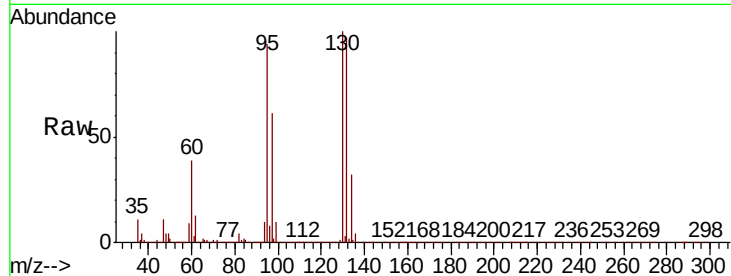
RE104D1-20191204

Tot Ion:130 Resp: 323320

Ion Ratio Lower Upper

130 100

95 93.4 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

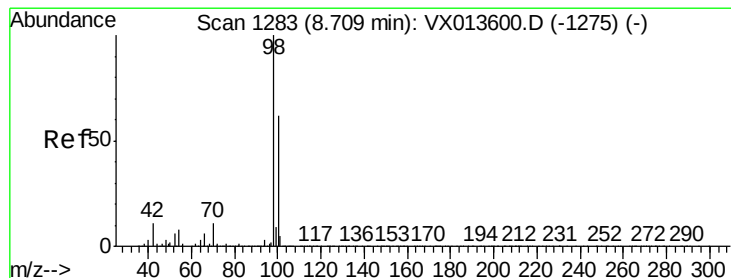
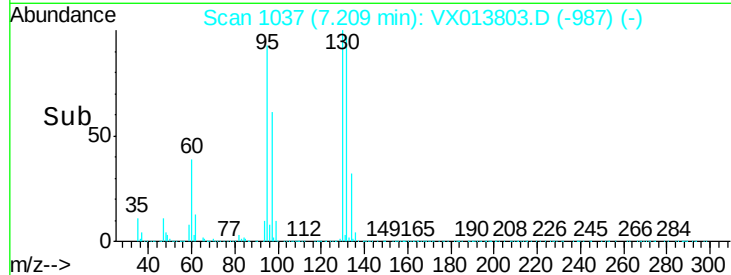
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.722 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013803.D

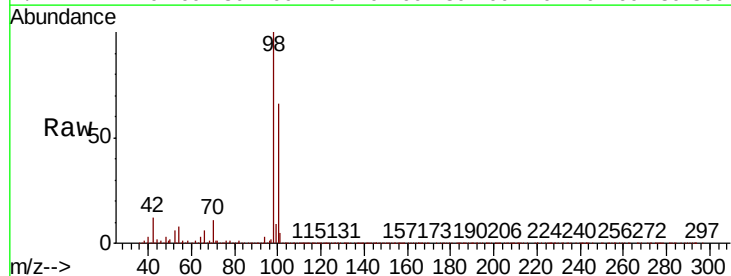
Acq: 06 Dec 2019 16:39

Tgt Ion: 98 Resp: 1121660

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

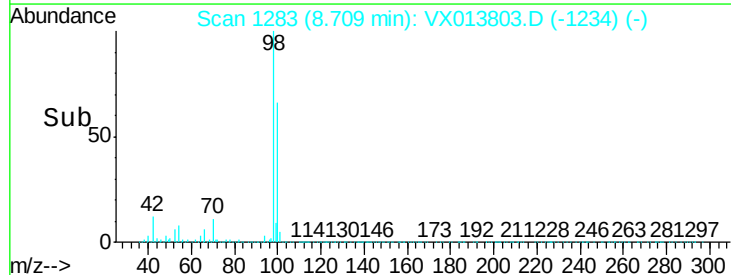
600000

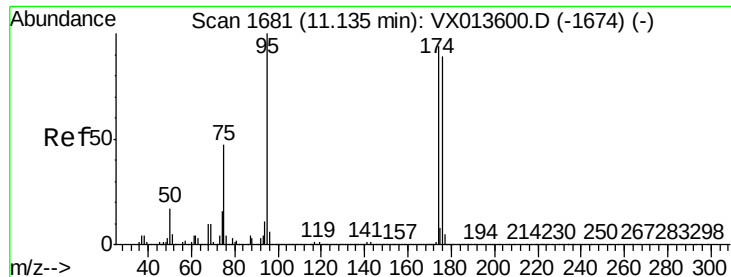
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.562 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013803.D

Acq: 06 Dec 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20191204

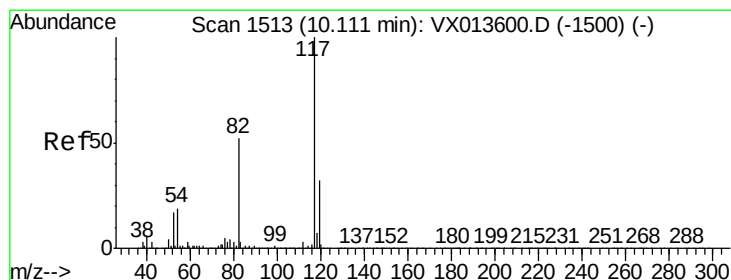
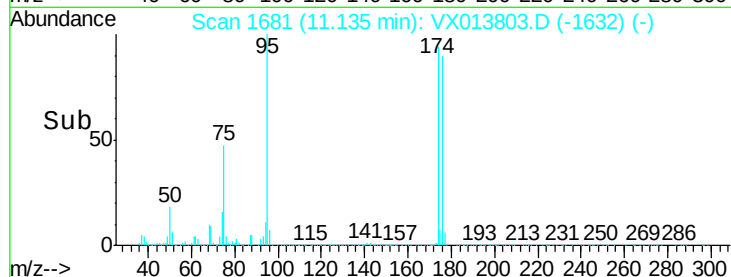
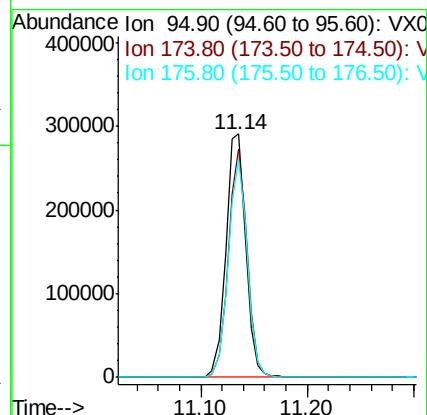
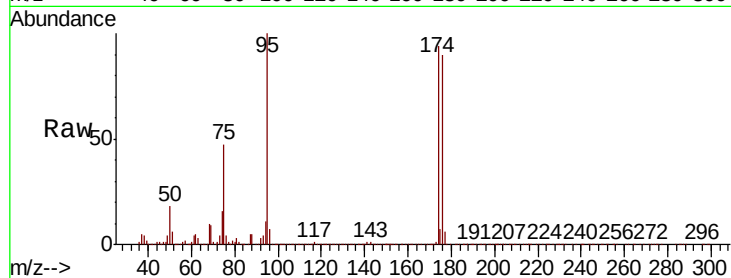
Tot Ion: 95 Resp: 378242

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

176 85.9 0.0 173.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013803.D

Acq: 06 Dec 2019 16:39

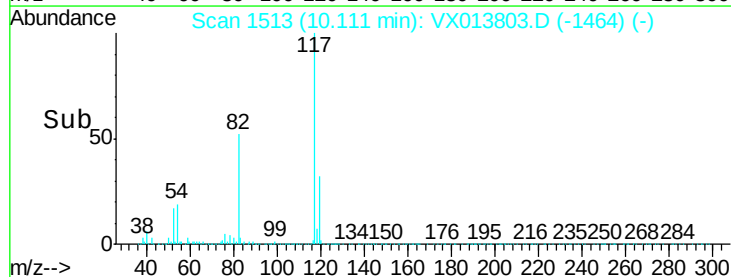
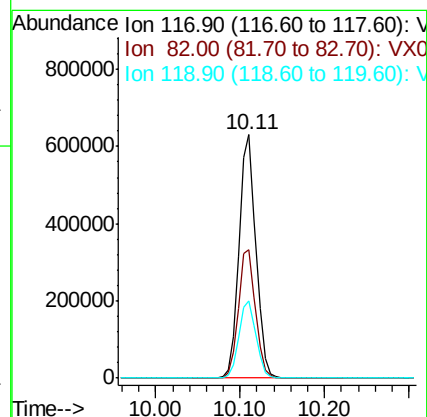
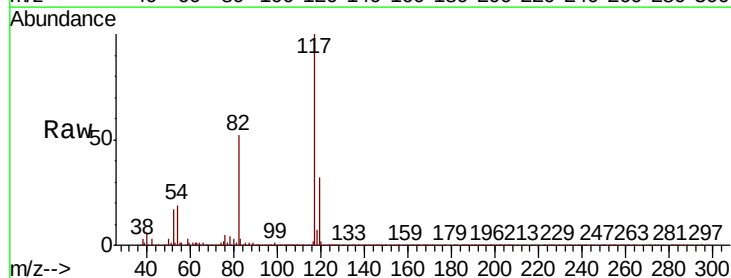
Tgt Ion: 117 Resp: 849147

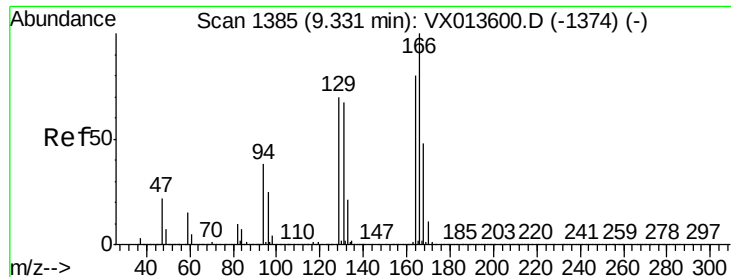
Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

119 31.9 25.8 38.8





#64

Tetrachloroethene

Concen: 2.563 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX013803.D

Acq: 06 Dec 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20191204

Tot Ion:164 Resp: 16228

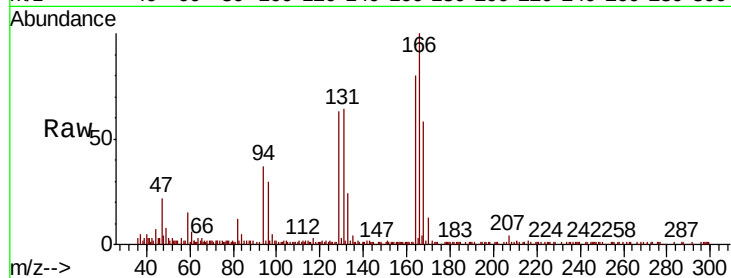
Ion Ratio Lower Upper

164 100

166 123.4 99.7 149.5

129 77.8 70.1 105.1

131 78.2 66.9 100.3

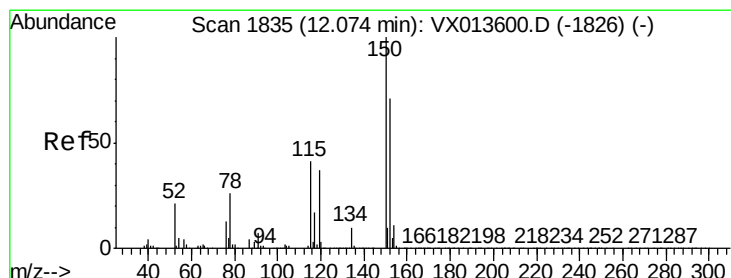
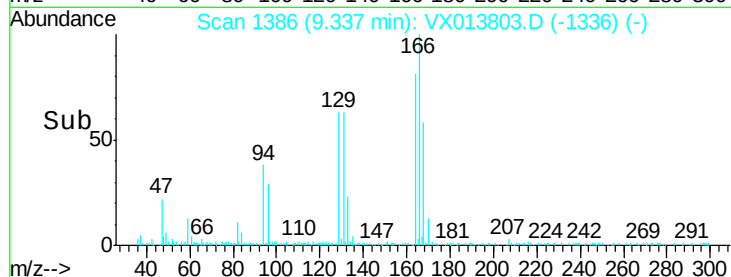
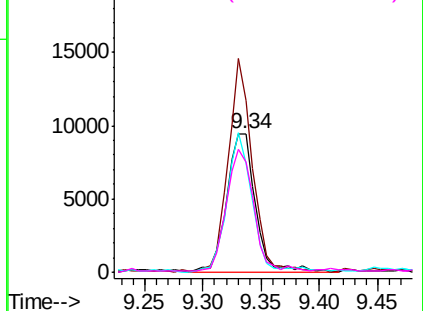


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX013803.D

Acq: 06 Dec 2019 16:39

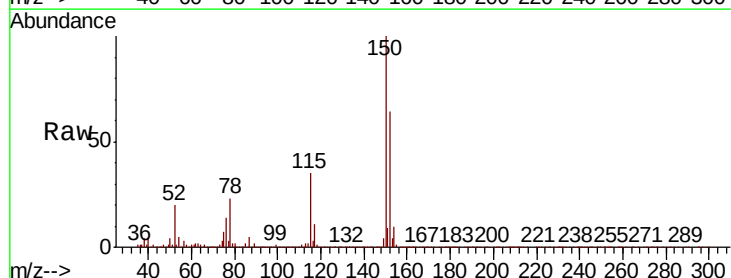
Tgt Ion:152 Resp: 371637

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

150 155.6 0.0 346.8



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

