

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120919\
 Data File : VX013852.D
 Acq On : 09 Dec 2019 15:23
 Operator : JC/SP
 Sample : K6184-21RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20191204RE

Quant Time: Dec 10 03:59:24 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

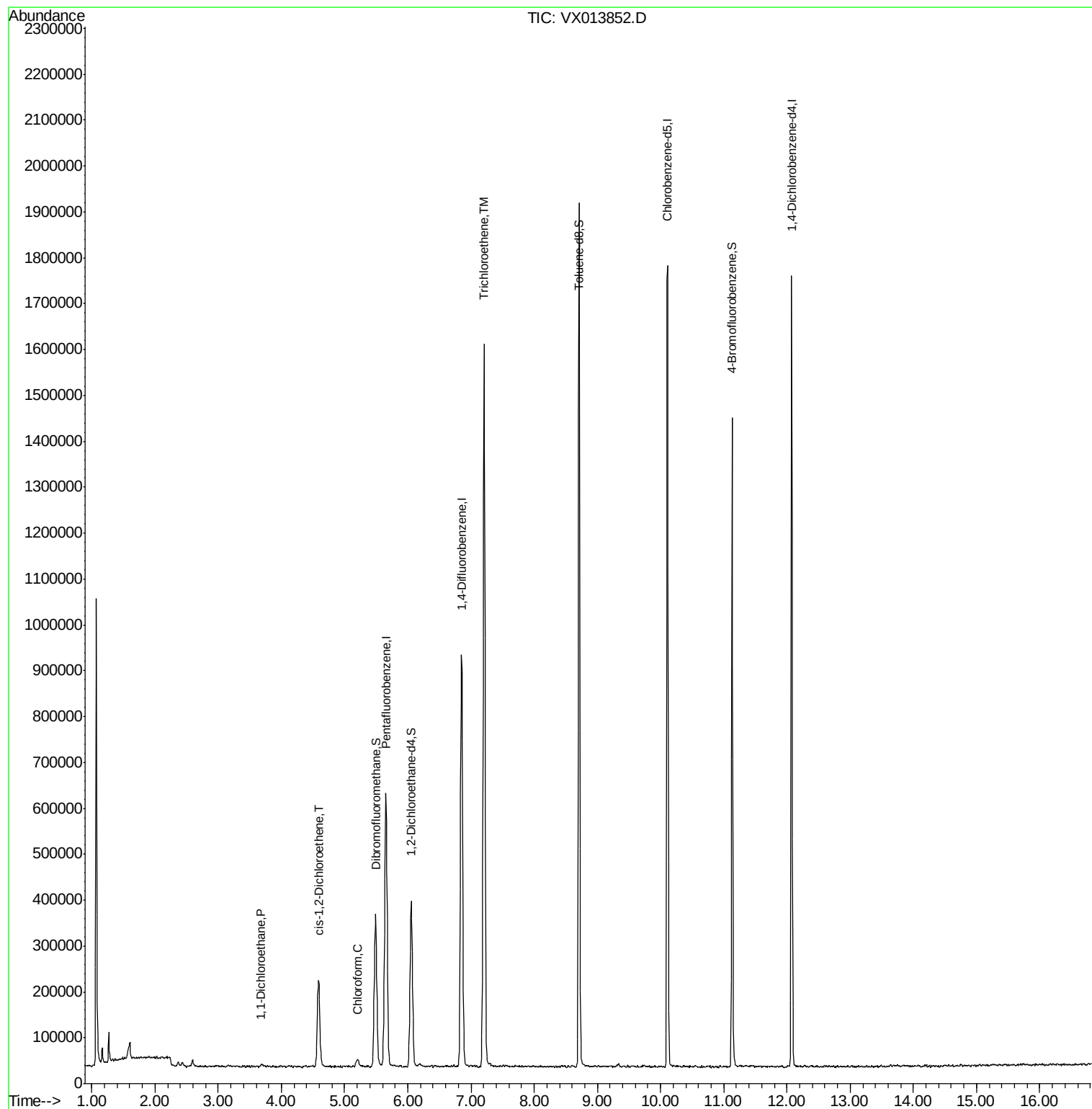
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	616214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	941664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	831164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	359705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	344139	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	5.49	113	278762	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	8.71	98	1110865	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.14	95	365939	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
24) 1,1-Dichloroethane	3.68	63	7368	0.658	ug/l #	92
27) cis-1,2-Dichloroethene	4.58	96	123946	16.894	ug/l	89
30) Chloroform	5.20	83	20571	1.811	ug/l	89
44) Trichloroethene	7.21	130	630308	88.217	ug/l	97

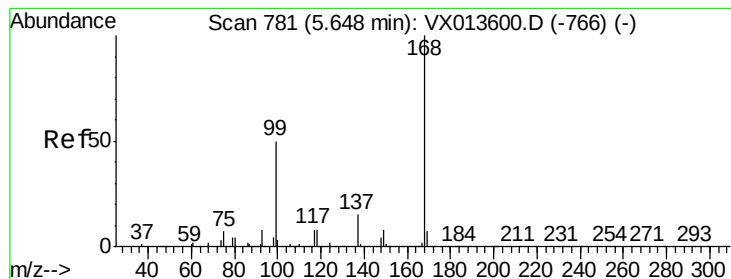
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 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: VX013852.D

Acq: 09 Dec 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

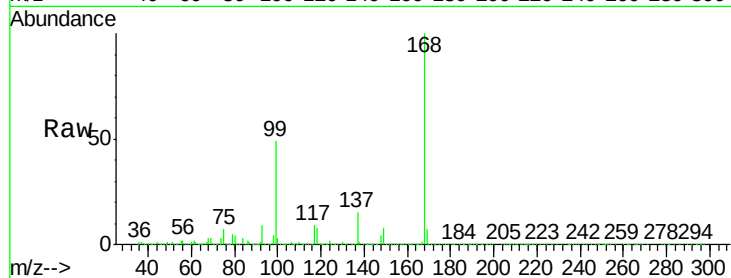
RE104D2-20191204RE

Tot Ion:168 Resp: 616214

Ion Ratio Lower Upper

168 100

99 49.4 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

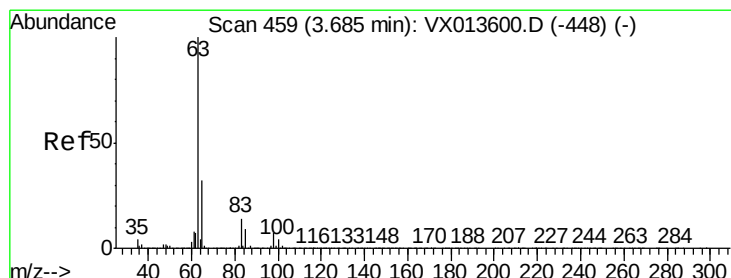
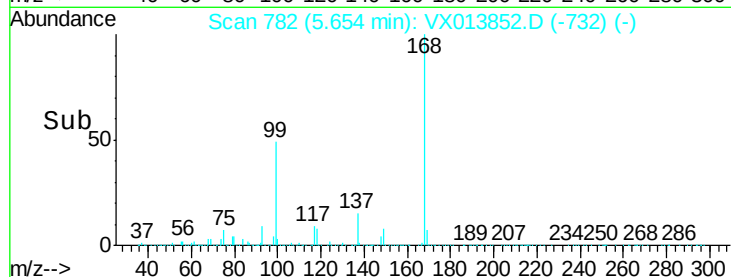
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 0.658 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013852.D

Acq: 09 Dec 2019 15:23

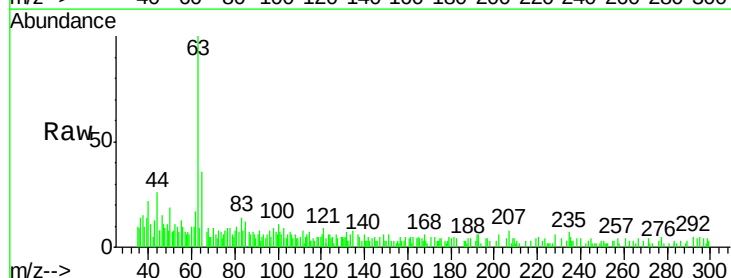
Tgt Ion: 63 Resp: 7368

Ion Ratio Lower Upper

63 100

98 4.1 3.5 10.4

100 7.1 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.68

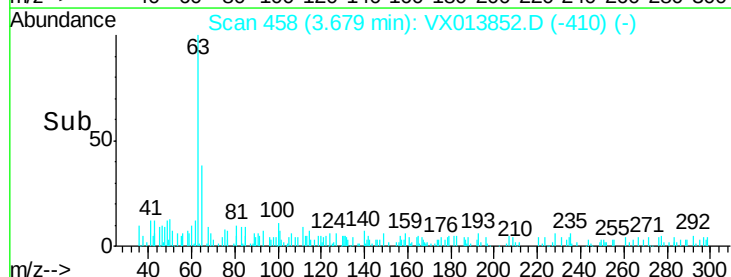
3000

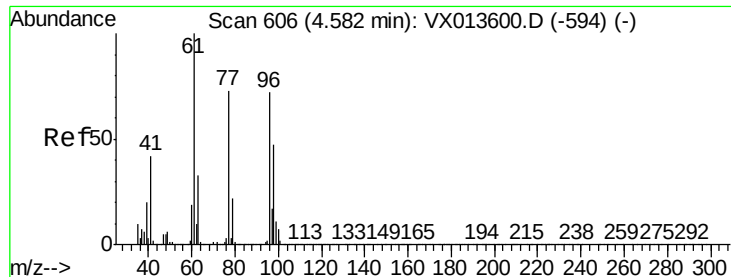
2000

1000

0

Time-->



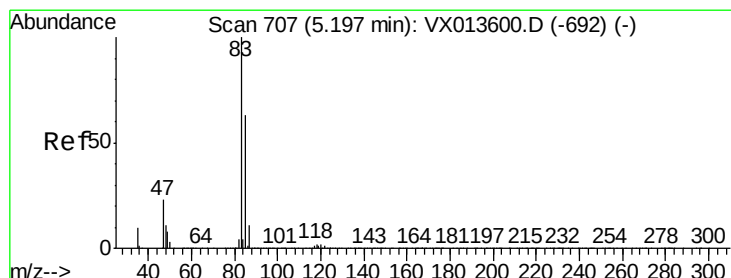
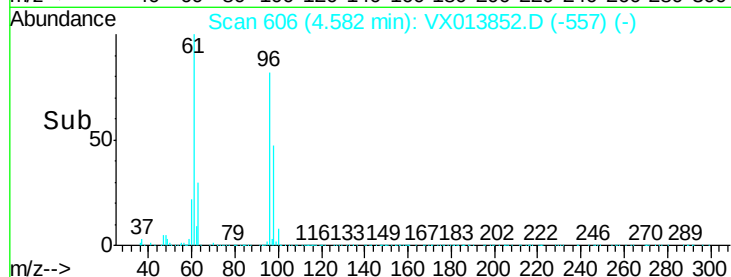
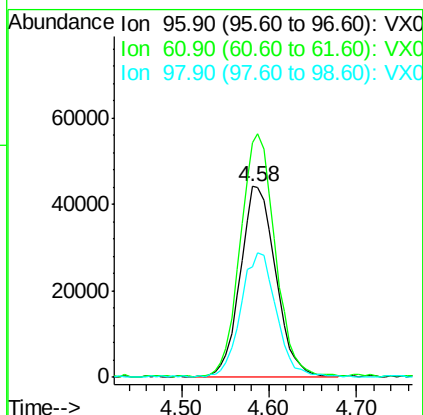
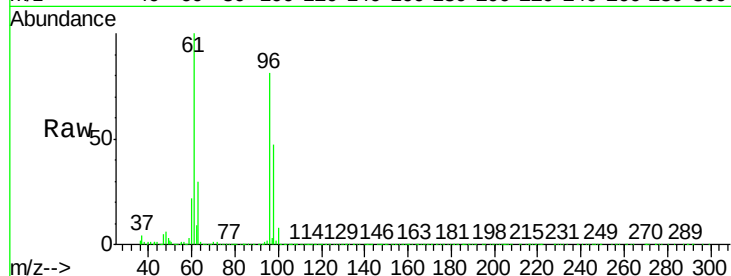


#27

cis-1,2-Dichloroethene
Concen: 16.894 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013852.D
Acq: 09 Dec 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20191204RE

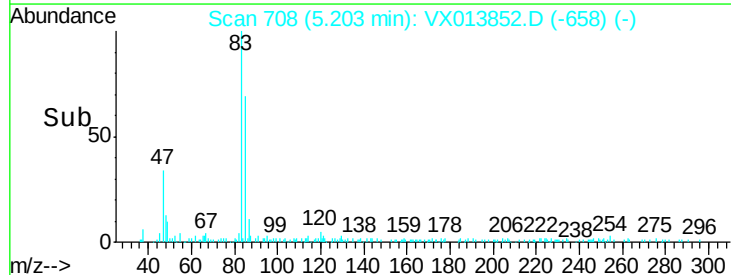
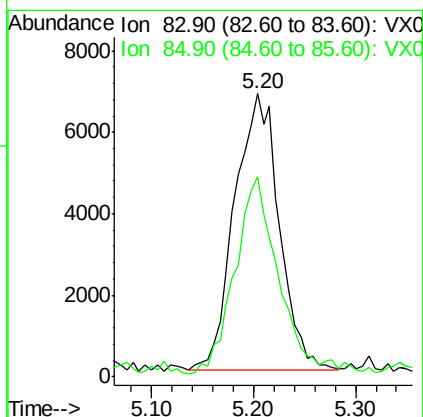
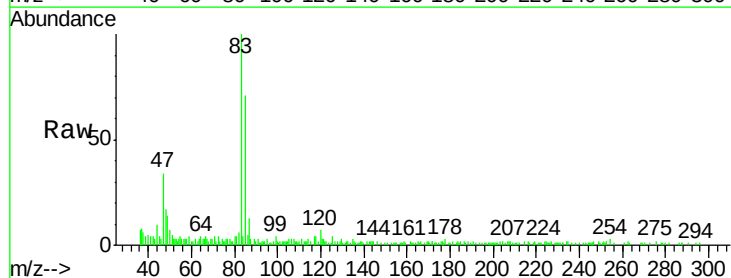
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	286.4
98	65.7	0.0	127.4

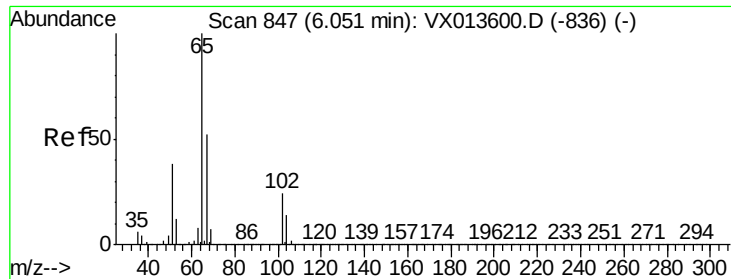


#30

Chloroform
Concen: 1.811 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013852.D
Acq: 09 Dec 2019 15:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.5	50.2	75.4

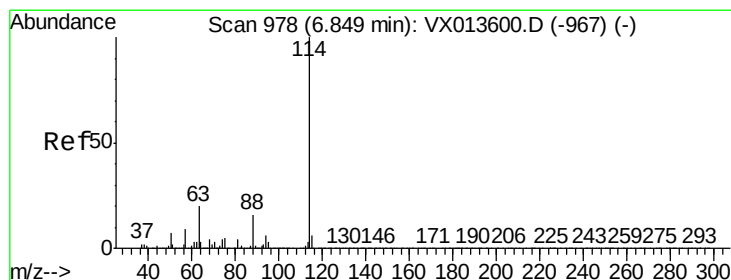
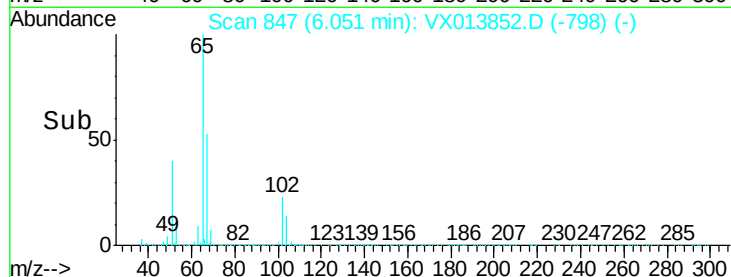
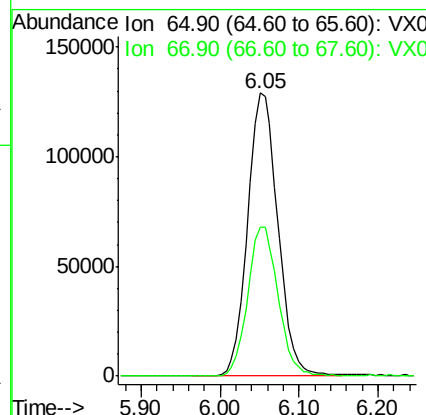
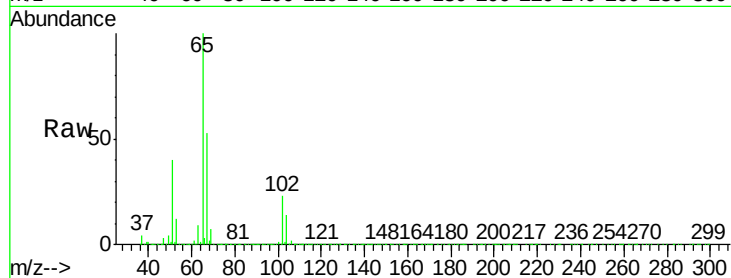




#33
 1,2-Dichloroethane-d4
 Concen: 48.112 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013852.D
 Acq: 09 Dec 2019 15:23

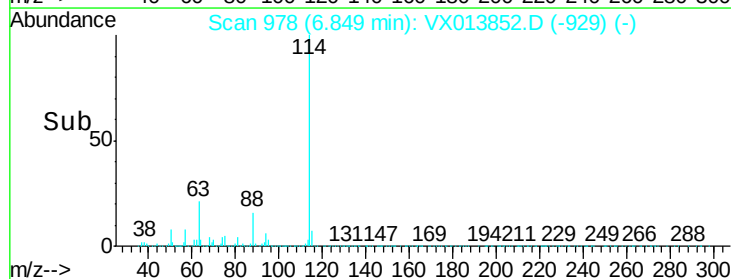
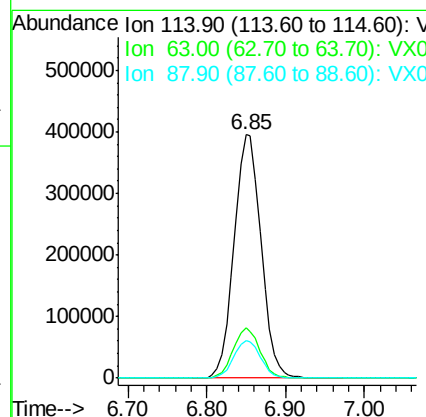
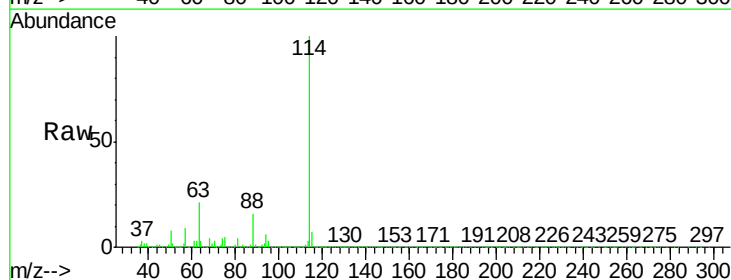
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20191204RE

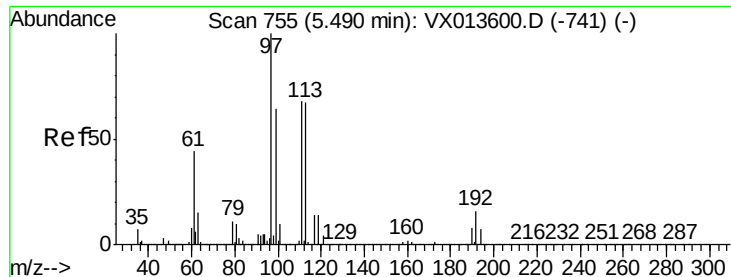
Tot Ion: 65 Resp: 344139
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013852.D
 Acq: 09 Dec 2019 15:23

Tgt Ion: 114 Resp: 941664
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 15.7 0.0 31.4

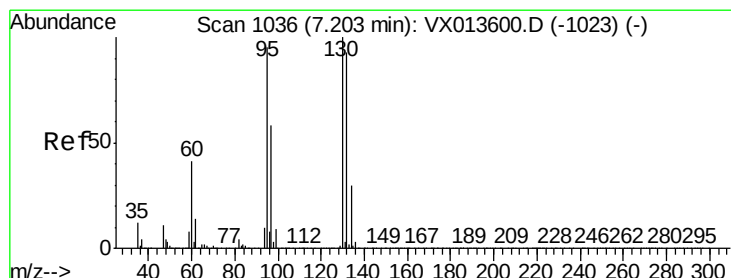
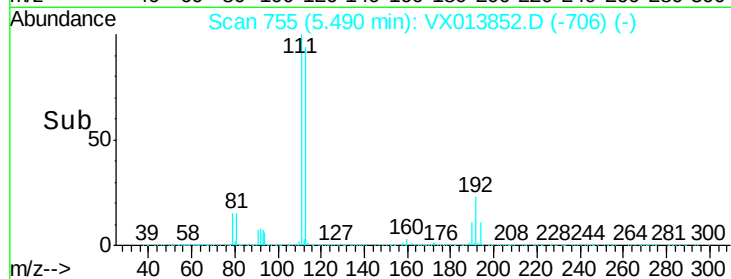
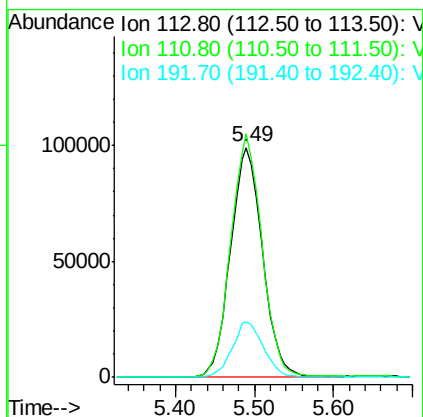
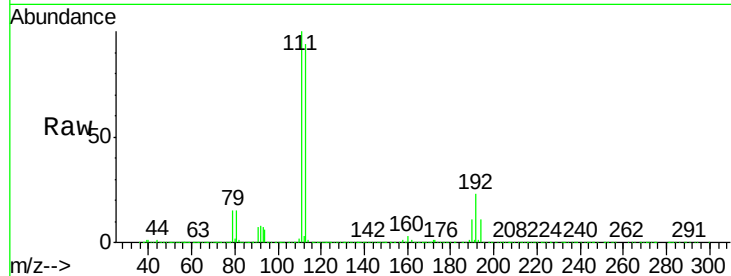




#35
Dibromofluoromethane
Concen: 47.885 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013852.D
Acq: 09 Dec 2019 15:23

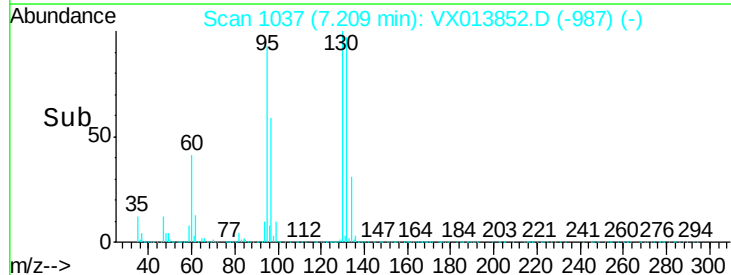
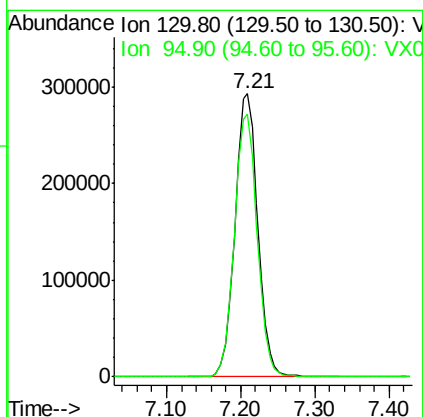
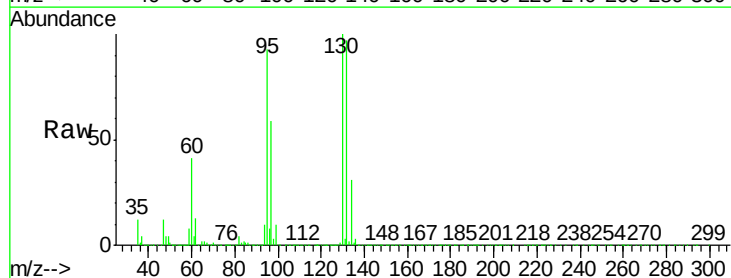
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20191204RE

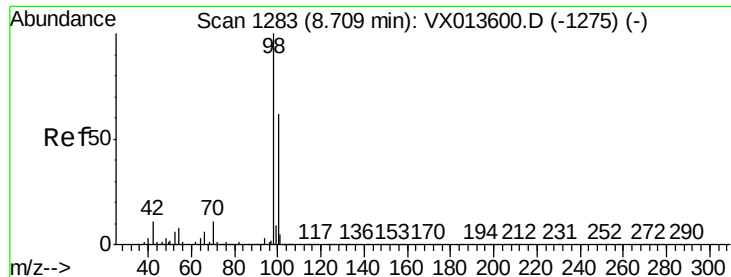
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.6	125.4
192	23.6	19.2	28.8



#44
Trichloroethene
Concen: 88.217 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013852.D
Acq: 09 Dec 2019 15:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	190.8





#50

Toluene-d8

Concen: 48.977 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013852.D

Acq: 09 Dec 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

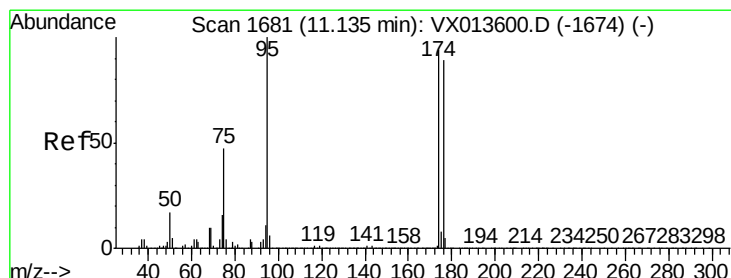
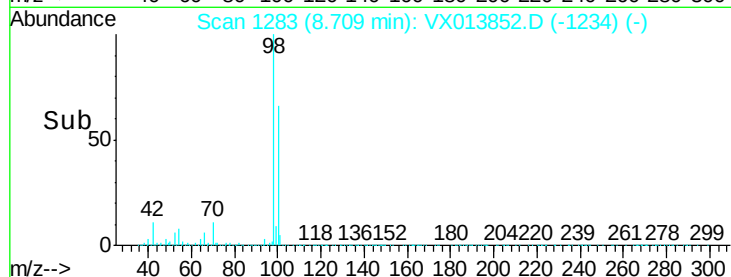
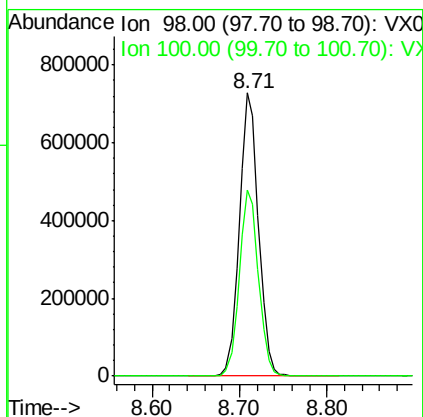
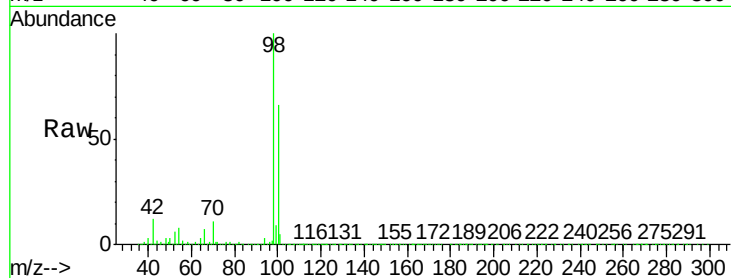
RE104D2-20191204RE

Tot Ion: 98 Resp: 1110865

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.742 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013852.D

Acq: 09 Dec 2019 15:23

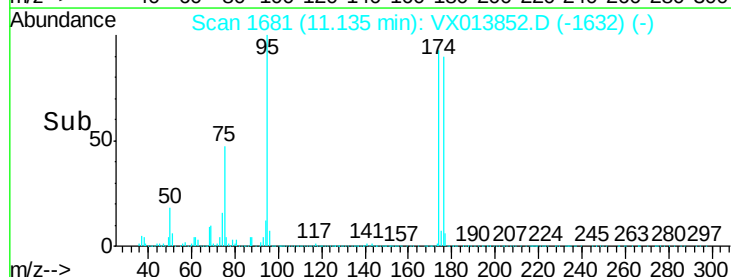
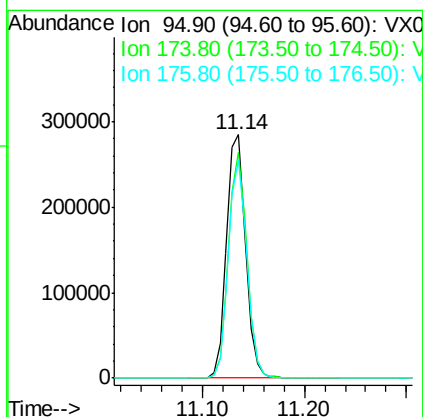
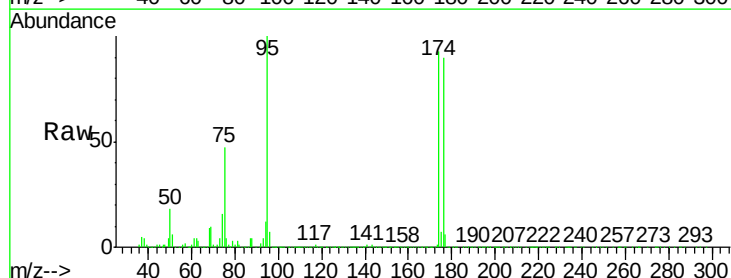
Tgt Ion: 95 Resp: 365939

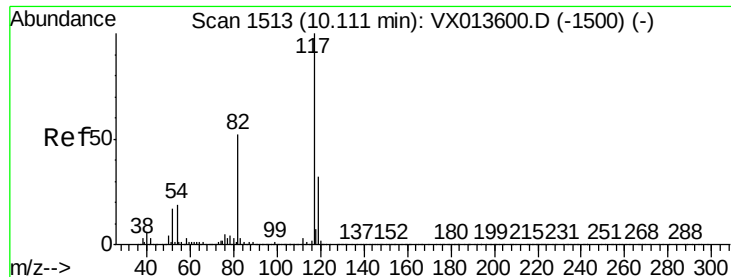
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 87.3 0.0 173.6

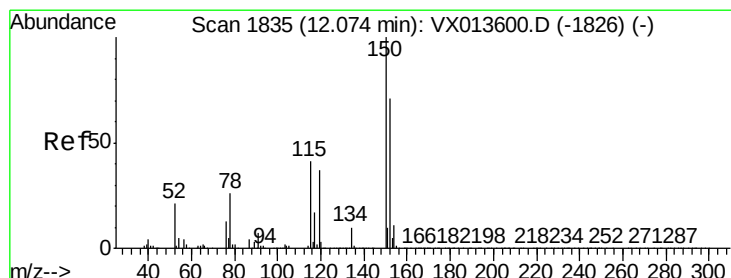
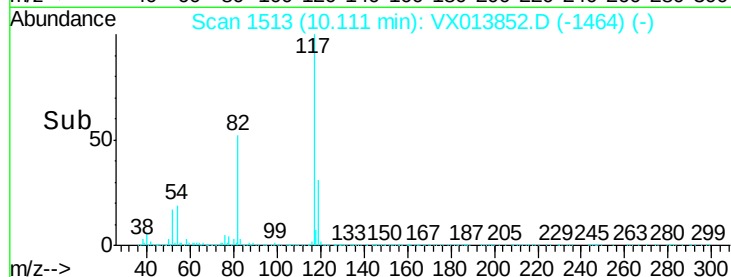
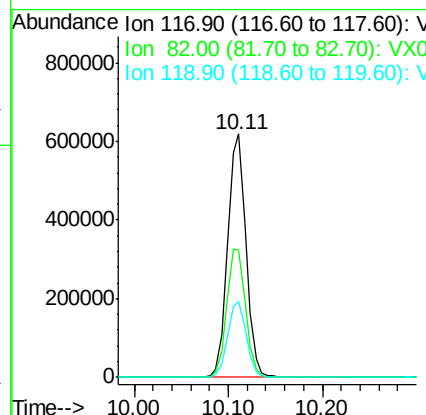
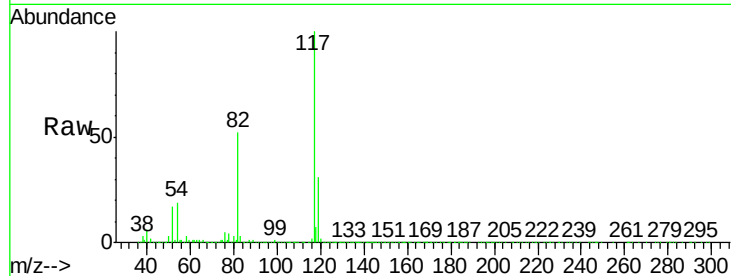




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013852.D
Acq: 09 Dec 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20191204RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.8
119	31.4	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013852.D
Acq: 09 Dec 2019 15:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.4	115.1
150	155.1	0.0	346.8

