

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014054.D
 Acq On : 17 Dec 2019 16:12
 Operator : JC/SP
 Sample : K6251-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20191206

Quant Time: Dec 18 07:37:09 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

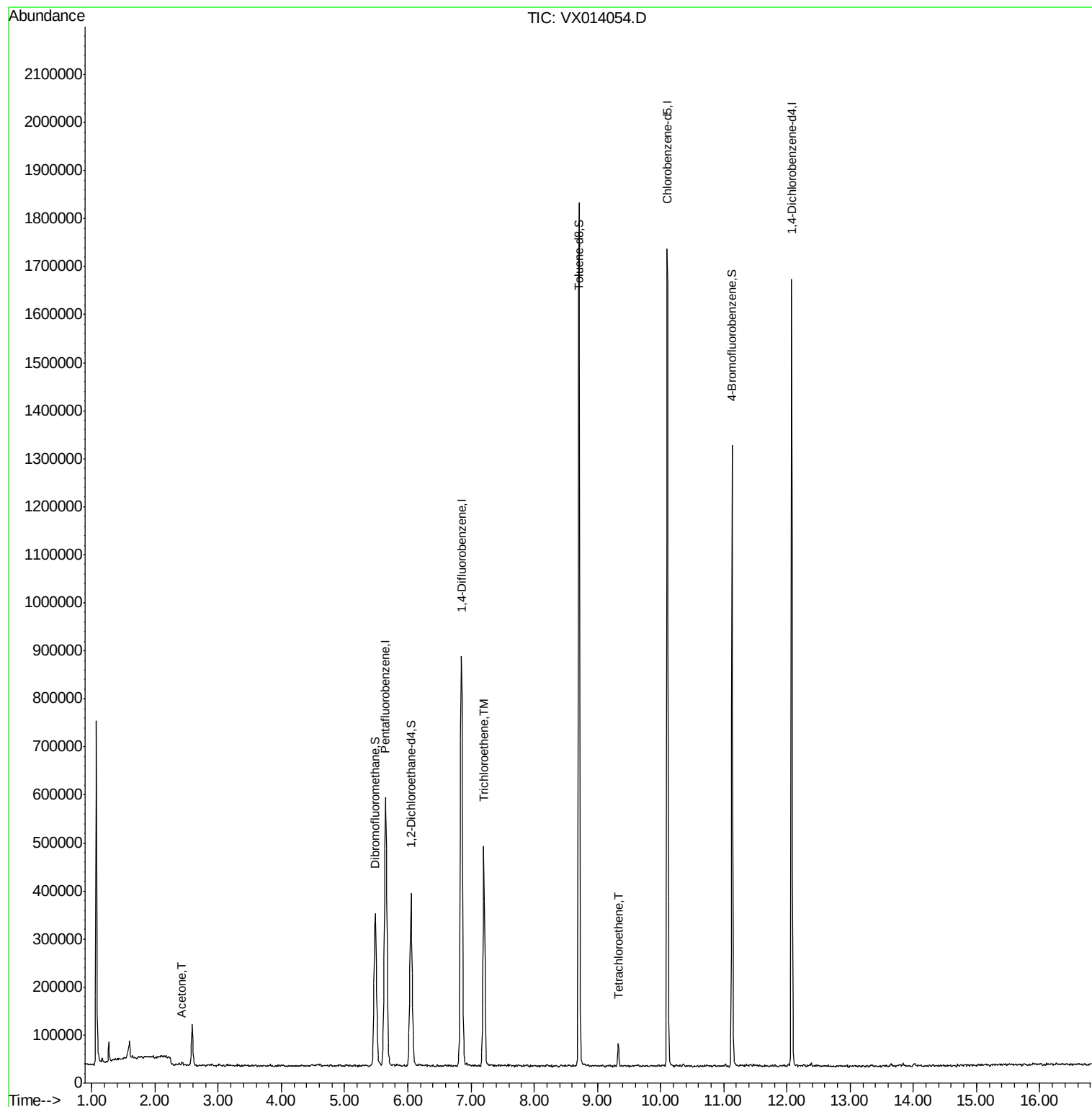
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	585738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	899722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	799703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	327881	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	5.48	113	269633	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	1068482	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	348119	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
16) Acetone	2.43	43	9923	2.302	ug/l	91
44) Trichloroethene	7.20	130	182978	26.080	ug/l	95
64) Tetrachloroethene	9.33	164	9286	1.312	ug/l	95

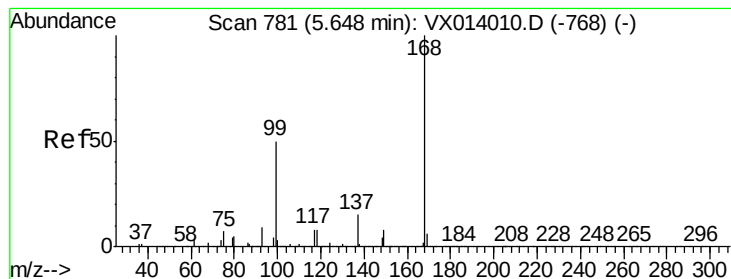
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014054.D

Acq: 17 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

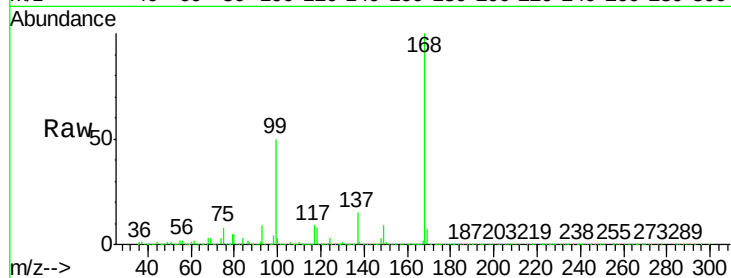
RE108D1-20191206

Tot Ion:168 Resp: 585738

Ion Ratio Lower Upper

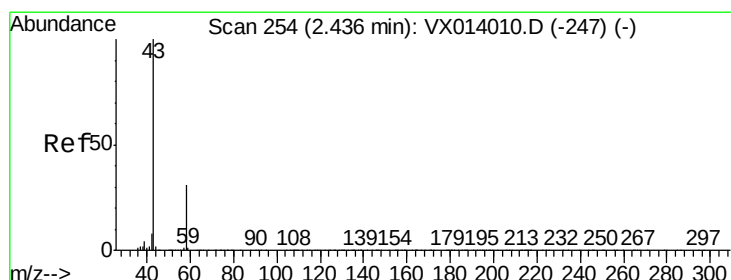
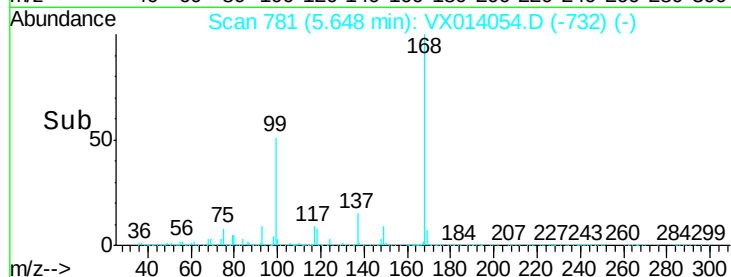
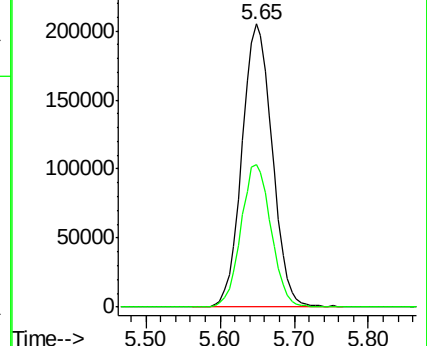
168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.302 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014054.D

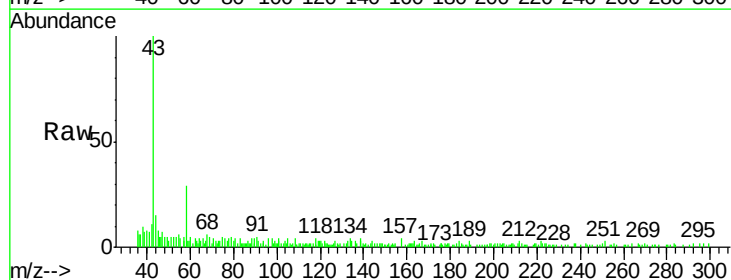
Acq: 17 Dec 2019 16:12

Tgt Ion: 43 Resp: 9923

Ion Ratio Lower Upper

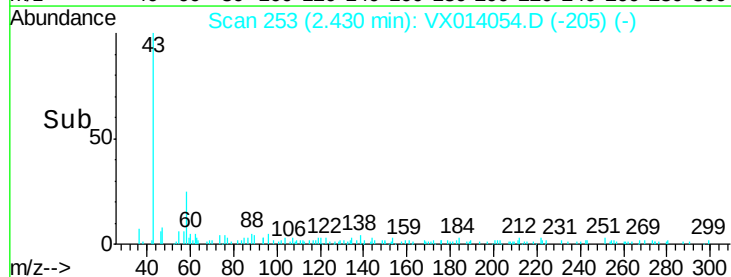
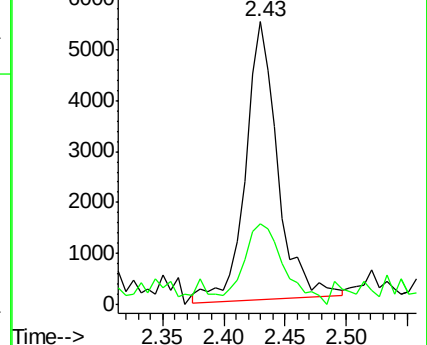
43 100

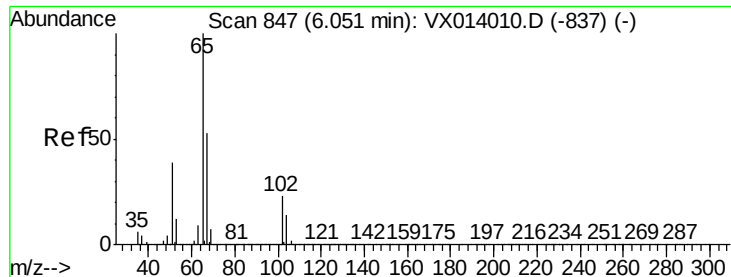
58 26.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

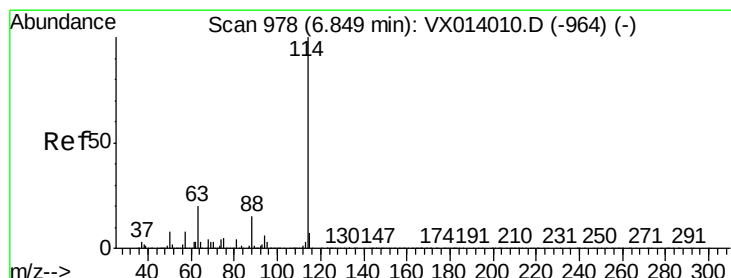
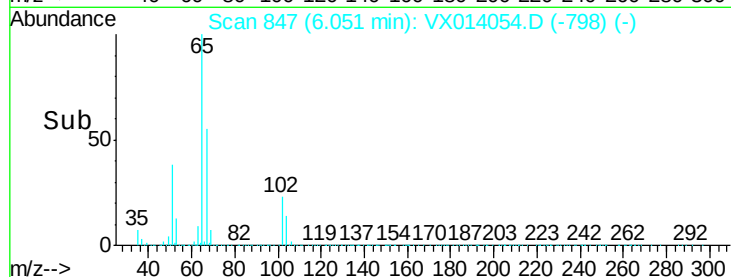
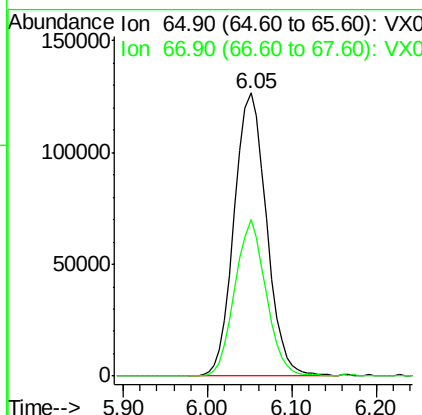
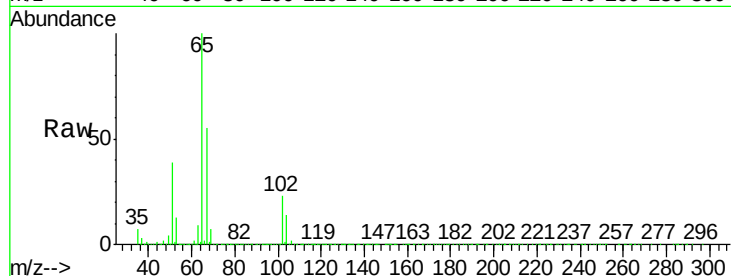




#33
 1,2-Dichloroethane-d4
 Concen: 49.391 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014054.D
 Acq: 17 Dec 2019 16:12

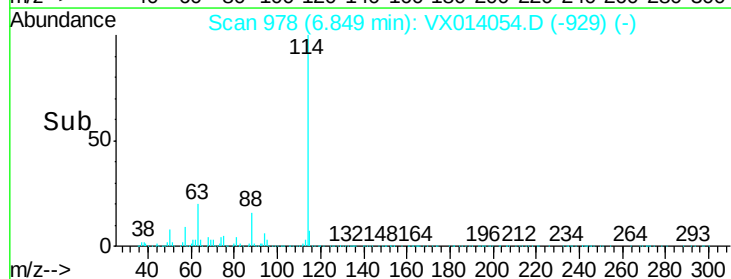
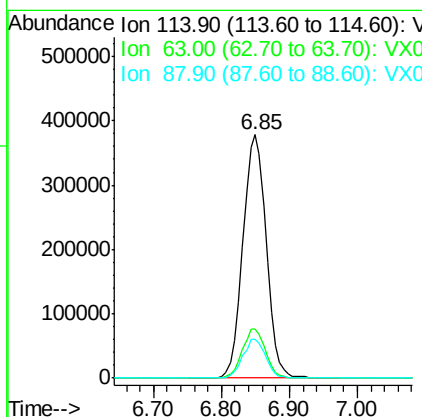
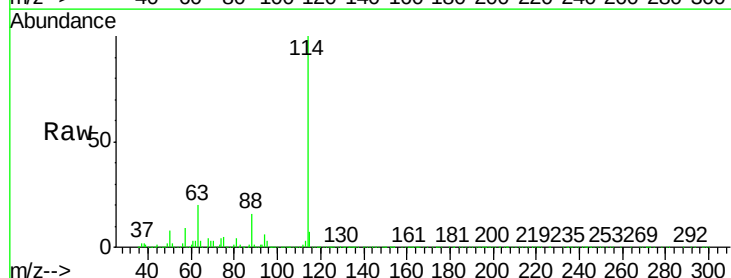
Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20191206

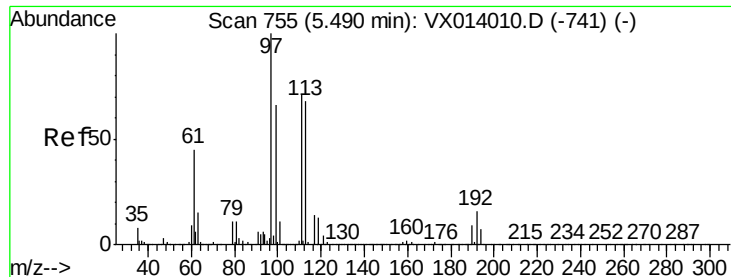
Tot Ion: 65 Resp: 327881
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014054.D
 Acq: 17 Dec 2019 16:12

Tgt Ion: 114 Resp: 899722
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.299 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014054.D

Acq: 17 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20191206

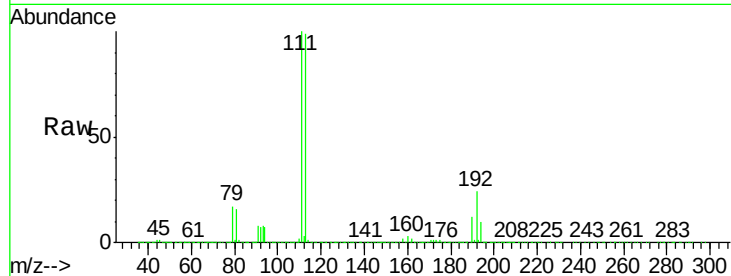
Tot Ion:113 Resp: 269633

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

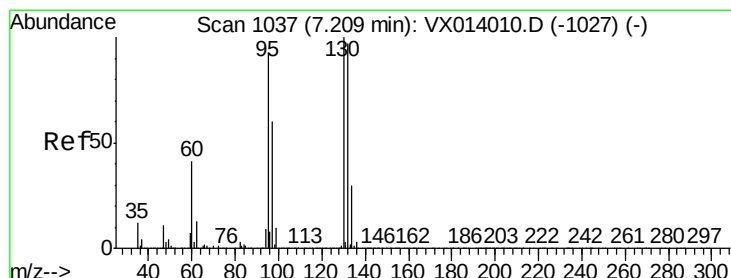
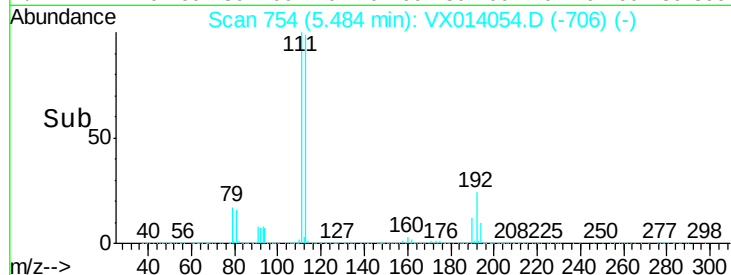
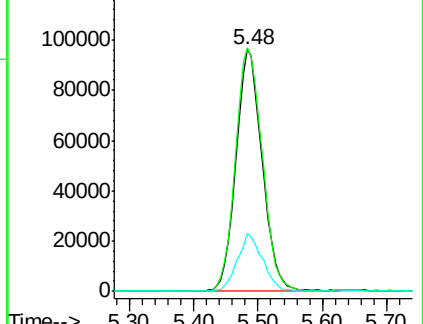
192 23.2 19.3 28.9



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: 26.080 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014054.D

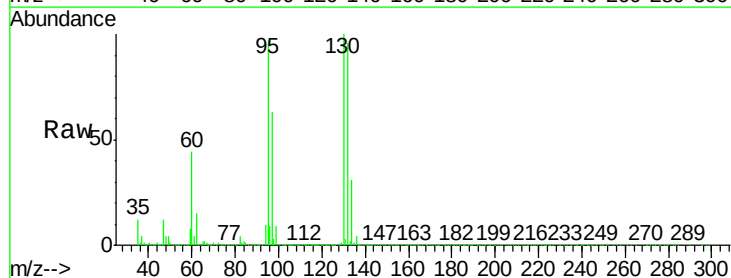
Acq: 17 Dec 2019 16:12

Tgt Ion:130 Resp: 182978

Ion Ratio Lower Upper

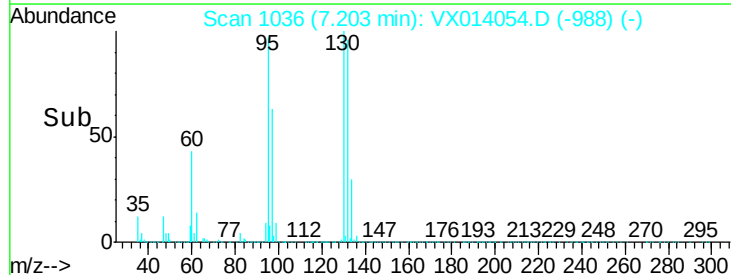
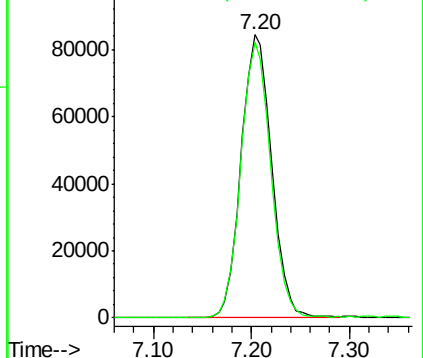
130 100

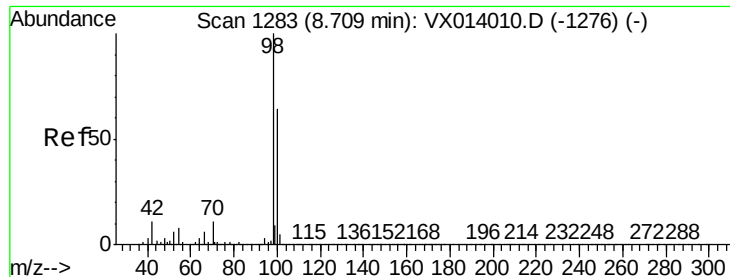
95 97.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.179 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014054.D

Acq: 17 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

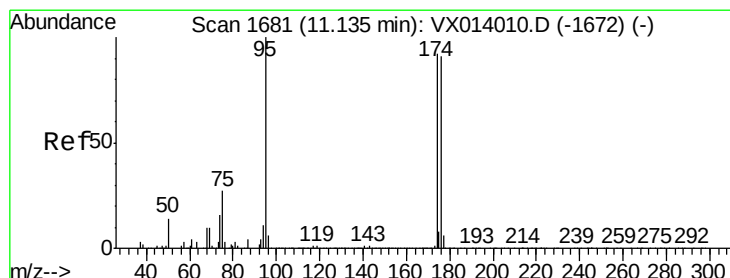
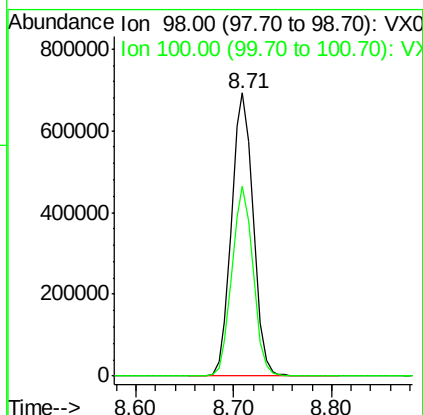
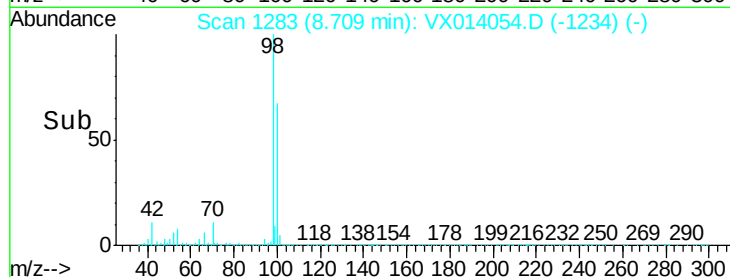
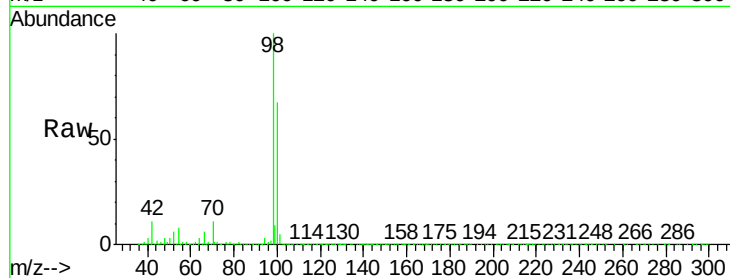
RE108D1-20191206

Tot Ion: 98 Resp: 1068482

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.724 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014054.D

Acq: 17 Dec 2019 16:12

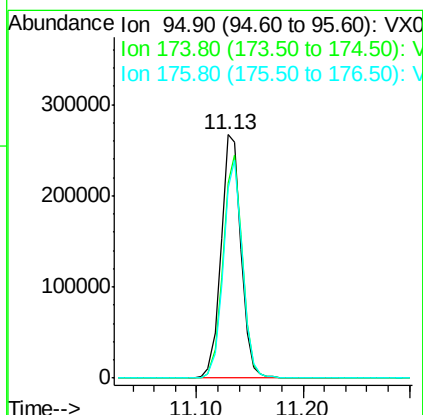
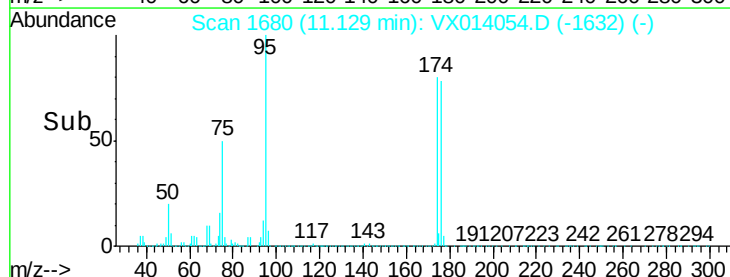
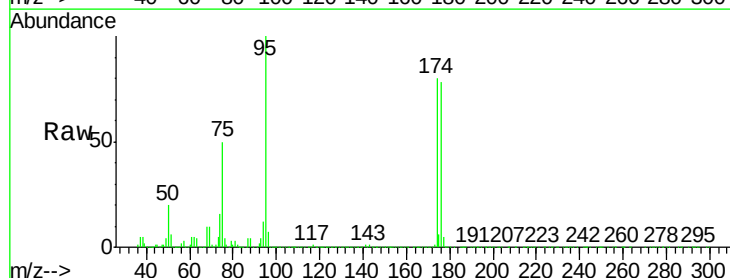
Tgt Ion: 95 Resp: 348119

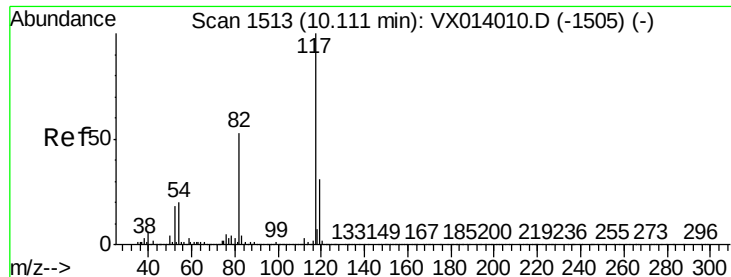
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

176 86.4 0.0 173.0

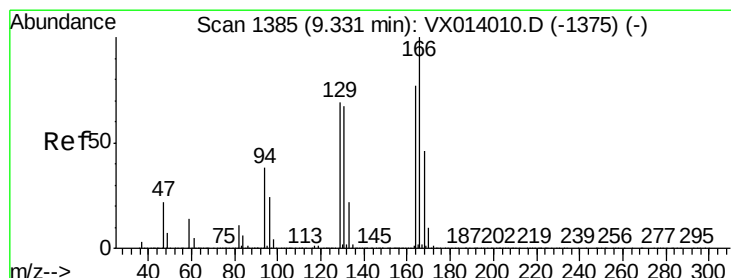
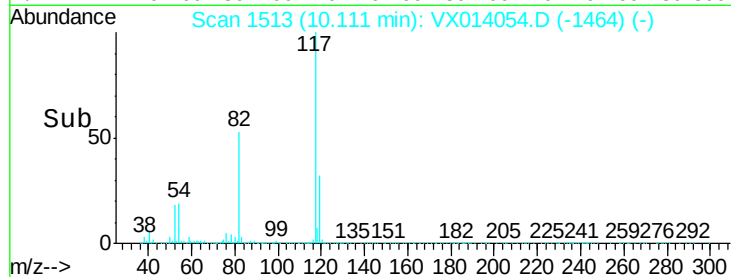
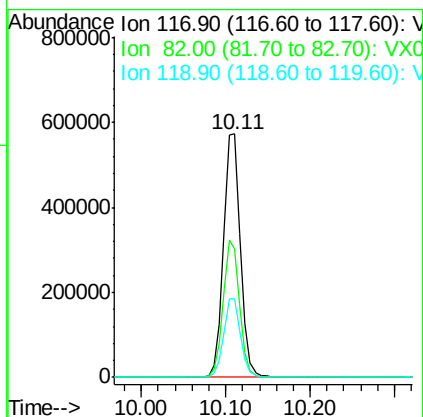
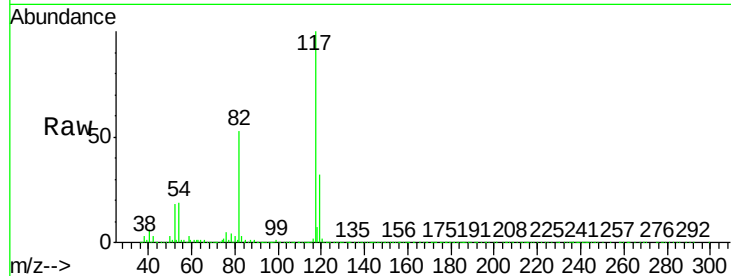




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014054.D
Acq: 17 Dec 2019 16:12

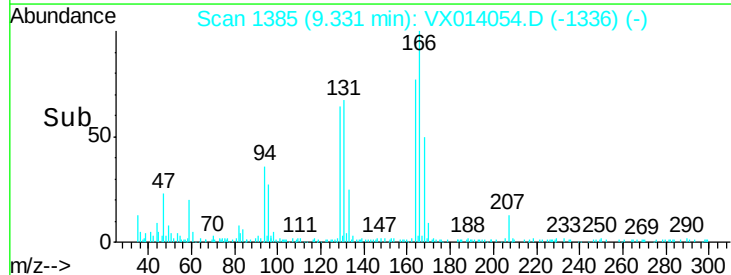
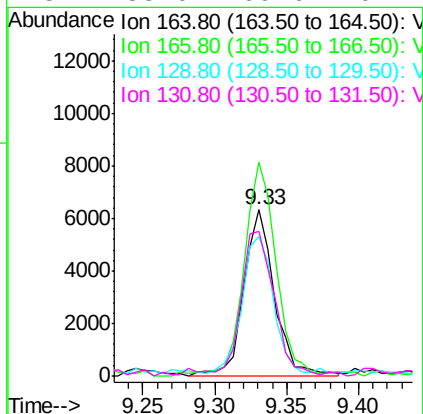
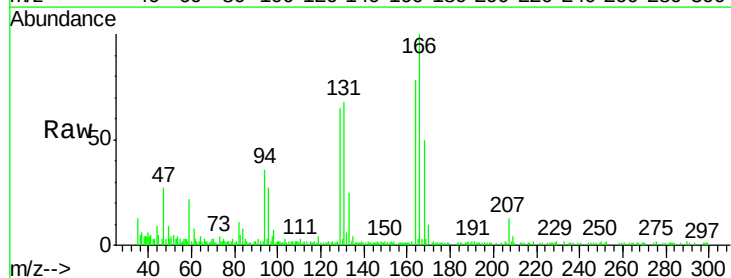
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20191206

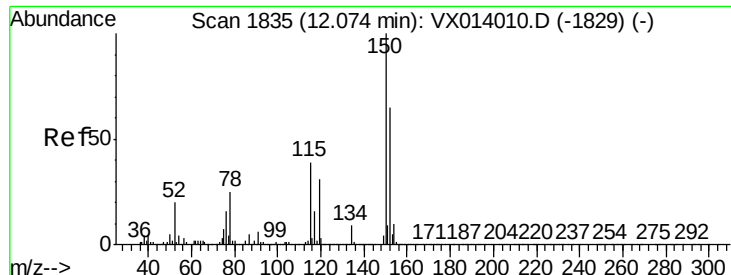
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.4
119	32.4	25.1	37.7



#64
Tetrachloroethene
Concen: 1.312 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014054.D
Acq: 17 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	104.0	156.0
129	81.7	72.2	108.4
131	85.0	69.6	104.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014054.D

Acq: 17 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20191206

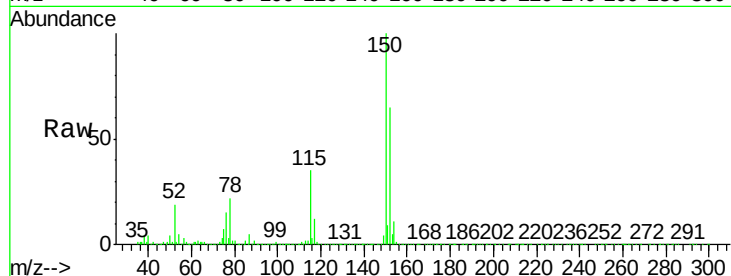
Tot Ion:152 Resp: 333219

Ion Ratio Lower Upper

152 100

115 56.0 38.3 114.9

150 157.1 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

