

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137882.D
 Acq On : 10 Dec 2019 04:14
 Operator : JC/SP
 Sample : K6186-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 06:23:55 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

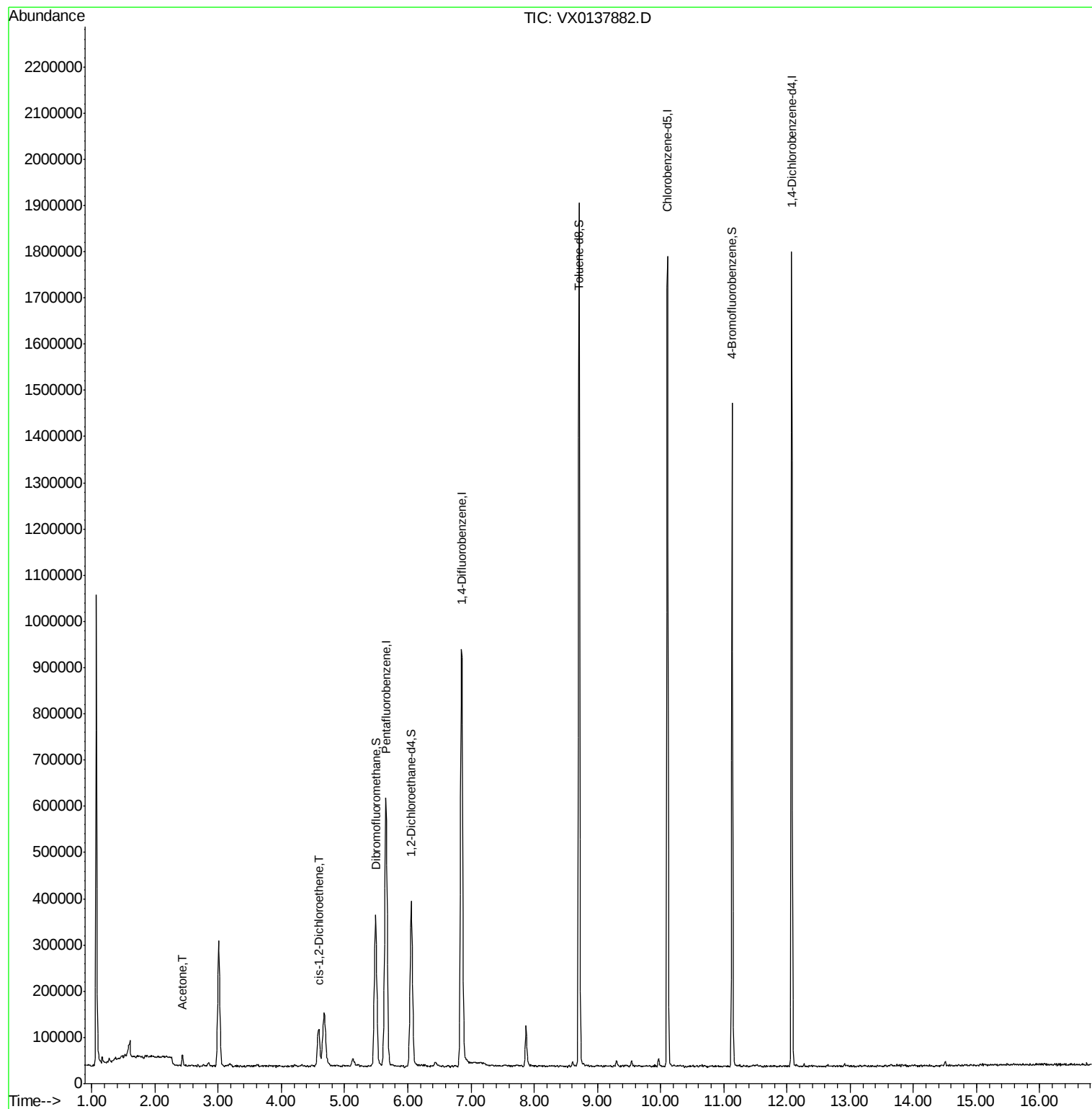
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	607270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	930370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	831515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	368849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	338977	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	5.49	113	280175	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	1095547	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	362992	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
16) Acetone	2.44	43	26563	7.633	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	54850	7.586	ug/l	90

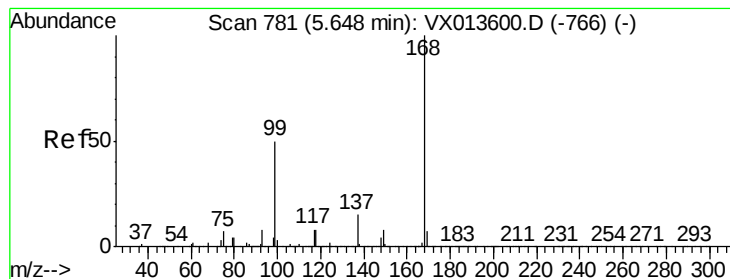
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX0137882.D

Acq: 10 Dec 2019 04:14

Instrument :

MSVOA_X

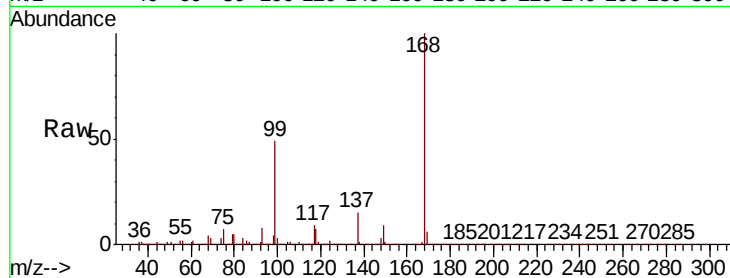
ClientSampleId :

Tot Ion:168 Resp: 607270

Ion Ratio Lower Upper

168 100

99 48.6 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

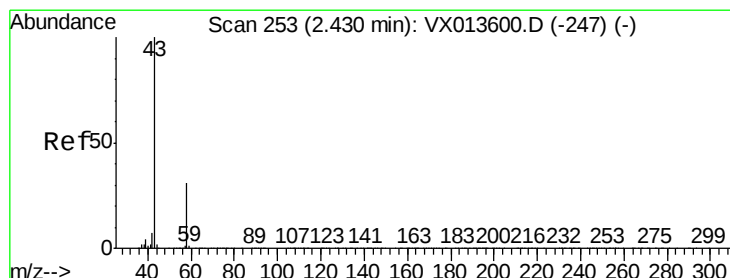
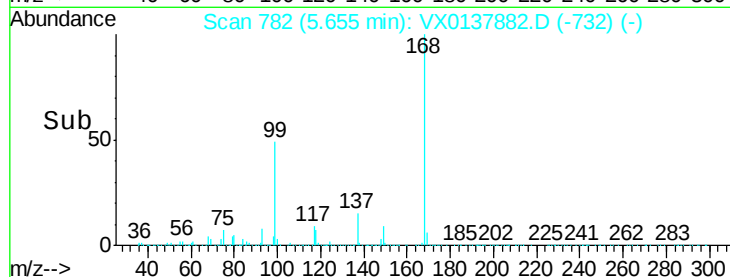
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.633 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX0137882.D

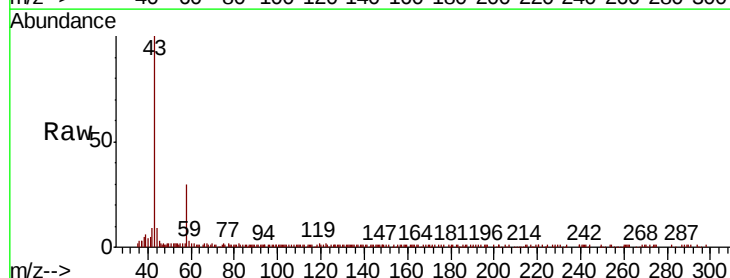
Acq: 10 Dec 2019 04:14

Tgt Ion: 43 Resp: 26563

Ion Ratio Lower Upper

43 100

58 29.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

15000

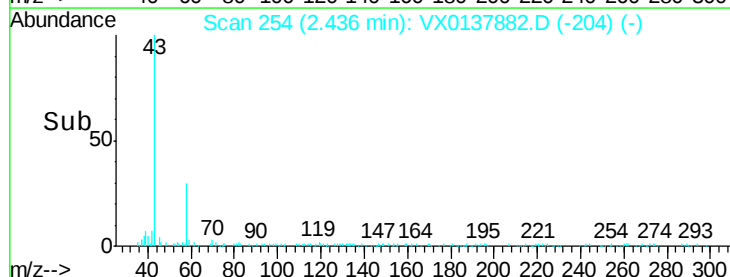
10000

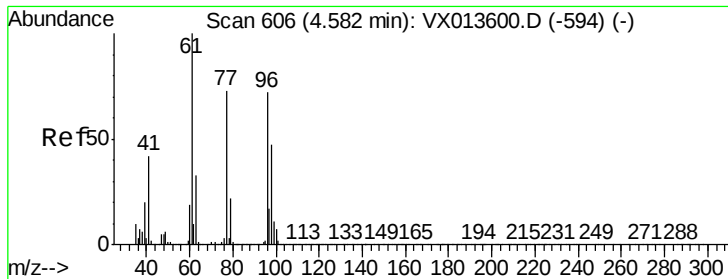
5000

0

Time-->

2.40 2.45 2.50



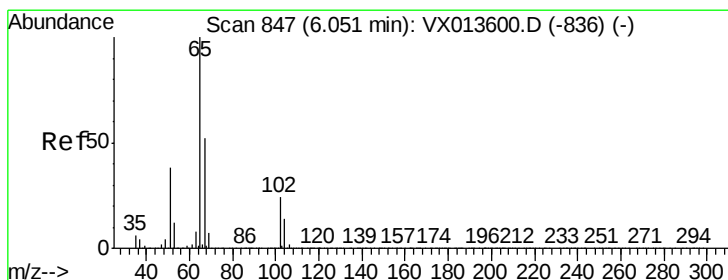
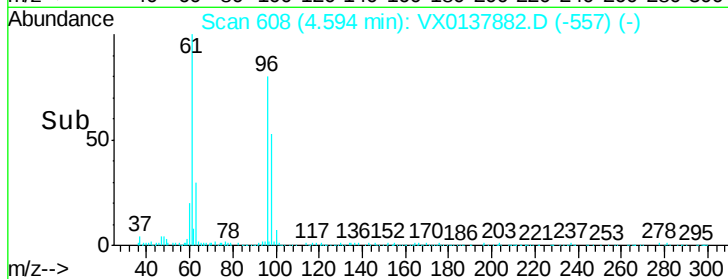
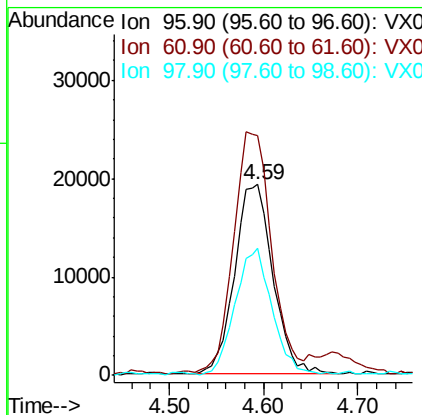
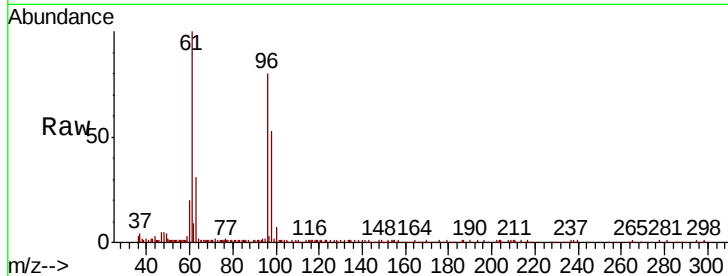


#27

cis-1,2-Dichloroethene
 Concen: 7.586 ug/l
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX0137882.D
 Acq: 10 Dec 2019 04:14

Instrument :
 MSVOA_X
 ClientSampleId :

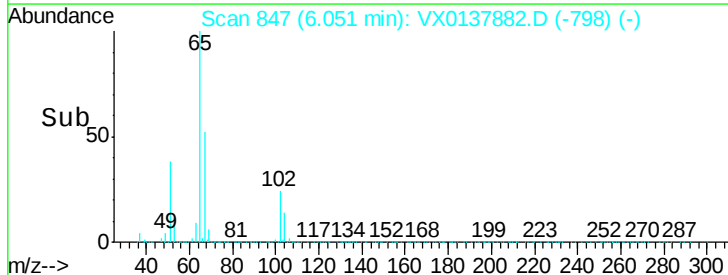
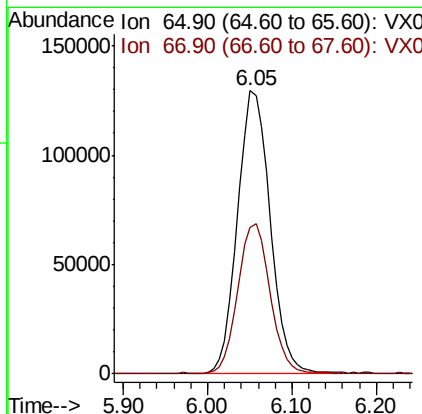
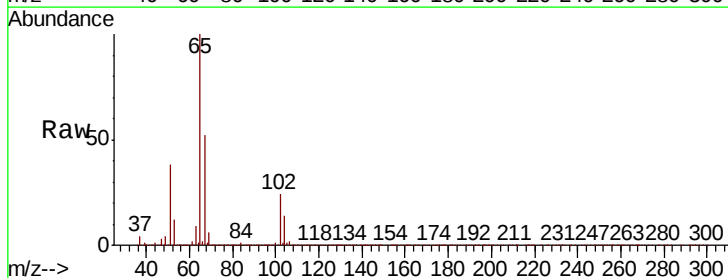
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	286.4
98	63.8	0.0	127.4

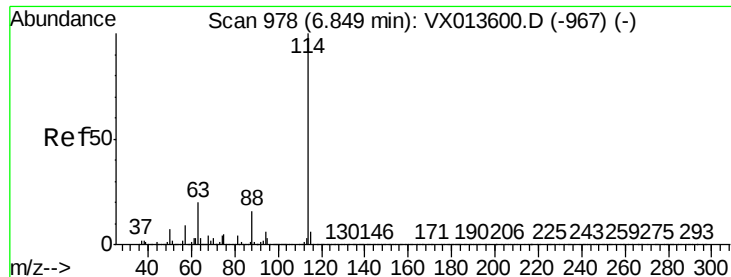


#33

1,2-Dichloroethane-d4
 Concen: 48.088 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX0137882.D
 Acq: 10 Dec 2019 04:14

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX0137882.D

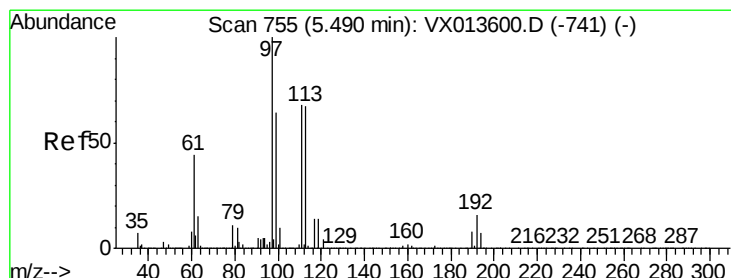
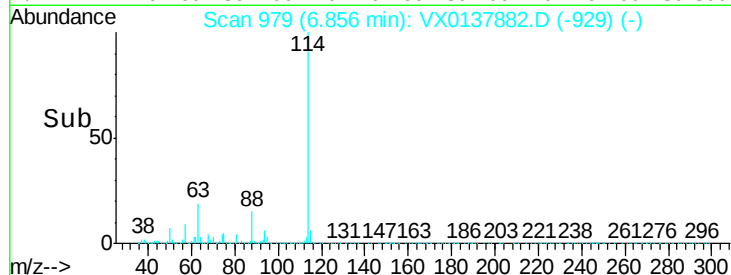
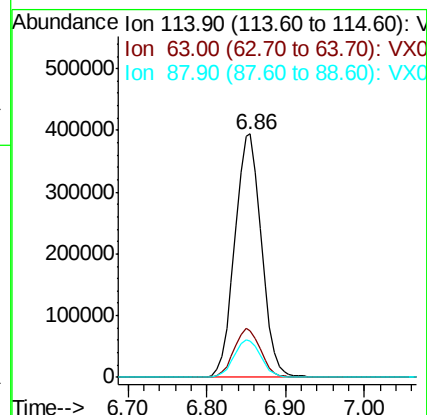
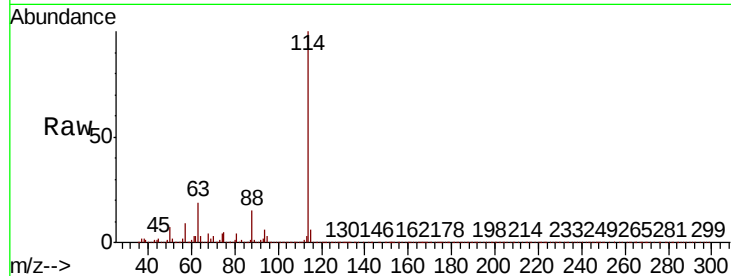
Acq: 10 Dec 2019 04:14

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	114	Resp:	930370
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.0	0.0	31.4



#35

Dibromofluoromethane

Concen: 48.712 ug/l

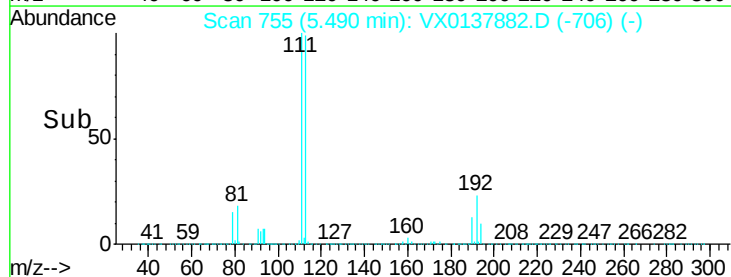
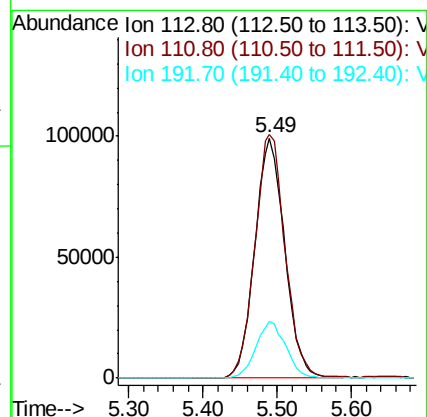
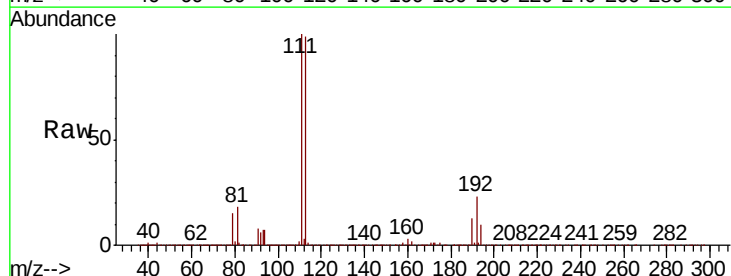
RT: 5.49 min Scan# 755

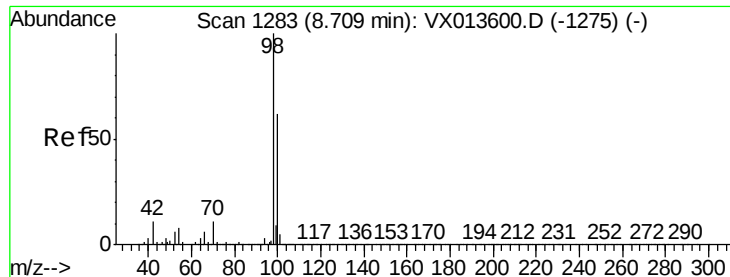
Delta R.T. -0.00 min

Lab File: VX0137882.D

Acq: 10 Dec 2019 04:14

Tgt Ion:	113	Resp:	280175
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.6	125.4
192	23.4	19.2	28.8





#50

Toluene-d8

Concen: 48.888 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX0137882.D

Acq: 10 Dec 2019 04:14

Instrument :

MSVOA_X

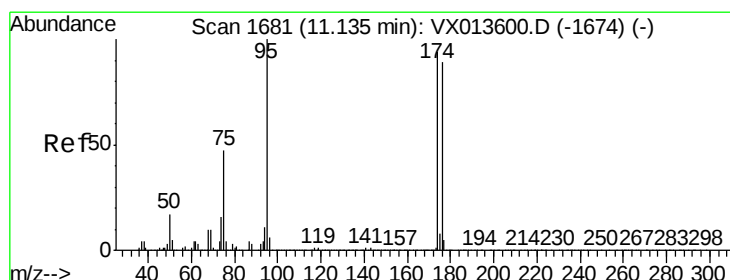
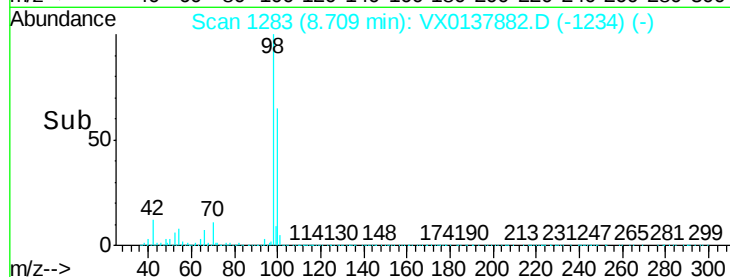
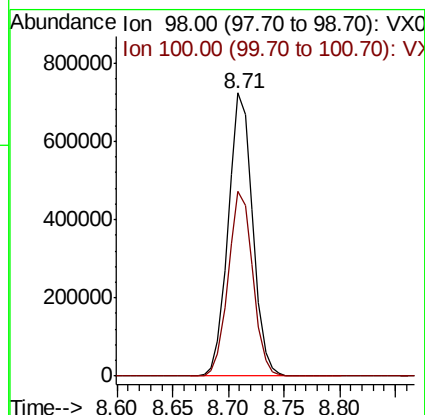
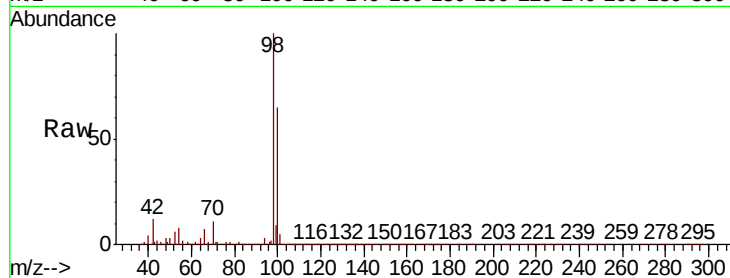
ClientSampleId :

Tot Ion: 98 Resp: 1095547

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.920 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137882.D

Acq: 10 Dec 2019 04:14

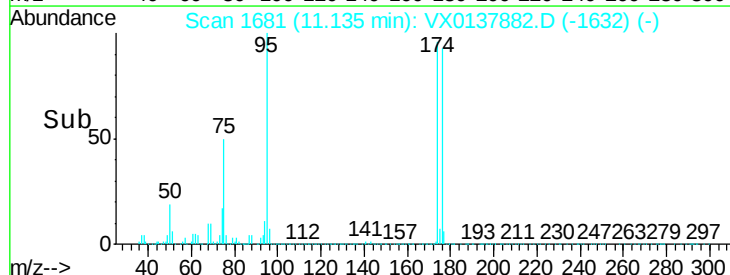
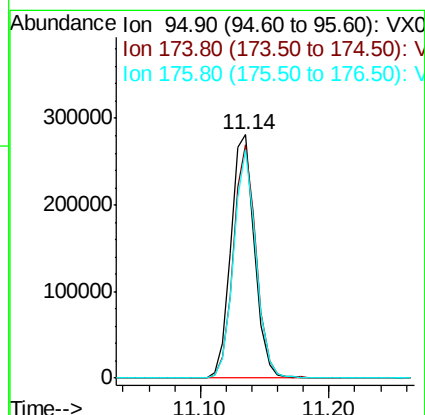
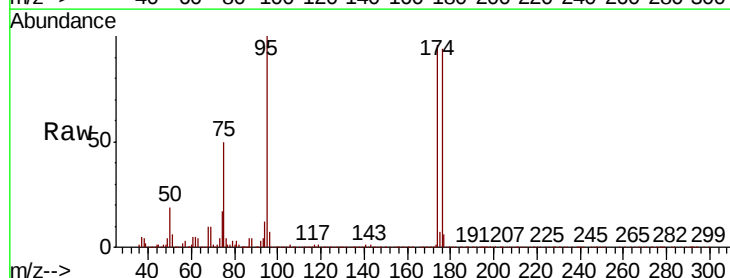
Tgt Ion: 95 Resp: 362992

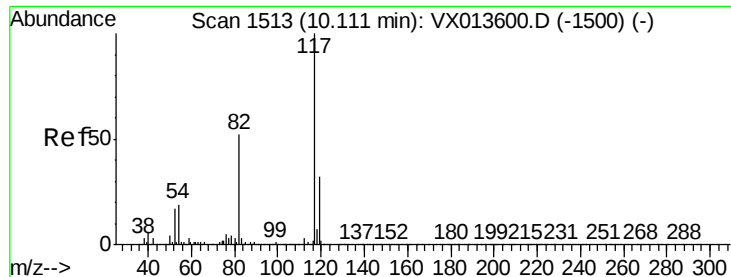
Ion Ratio Lower Upper

95 100

174 91.9 0.0 180.0

176 89.0 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: VX0137882.D

Acq: 10 Dec 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

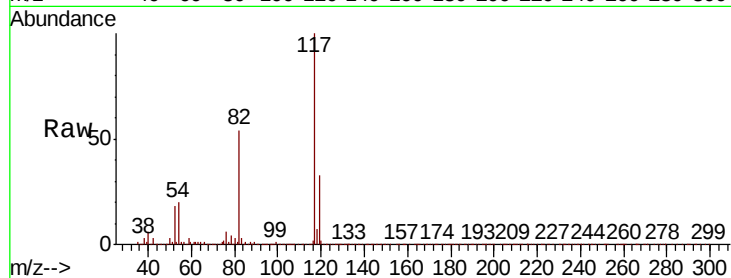
Tot Ion:117 Resp: 831515

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

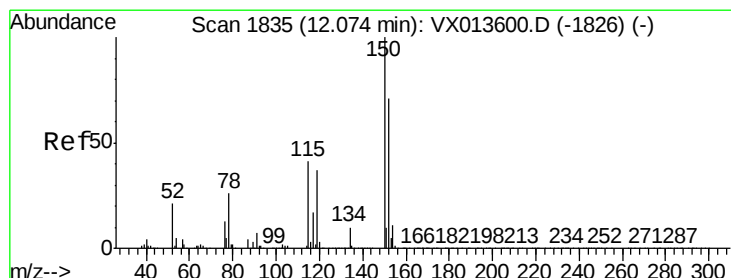
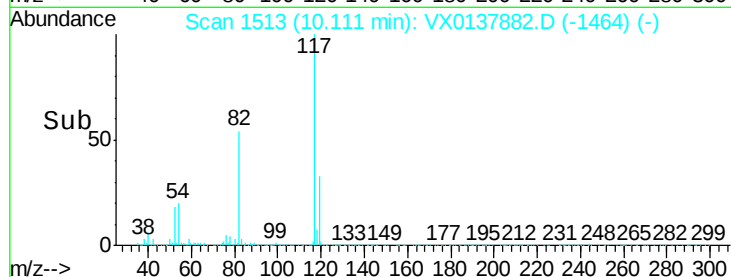
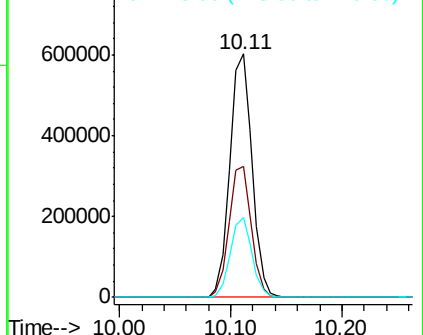
119 32.8 25.8 38.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX0137882.D

Acq: 10 Dec 2019 04:14

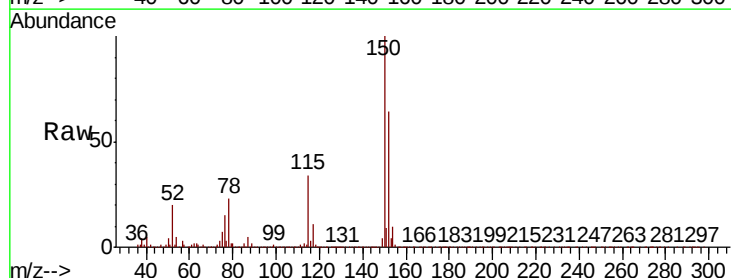
Tgt Ion:152 Resp: 368849

Ion Ratio Lower Upper

152 100

115 55.2 38.4 115.1

150 158.4 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

