

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013946.D
 Acq On : 11 Dec 2019 15:58
 Operator : JC/SP
 Sample : K6237-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-191209

Quant Time: Dec 12 07:22:35 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

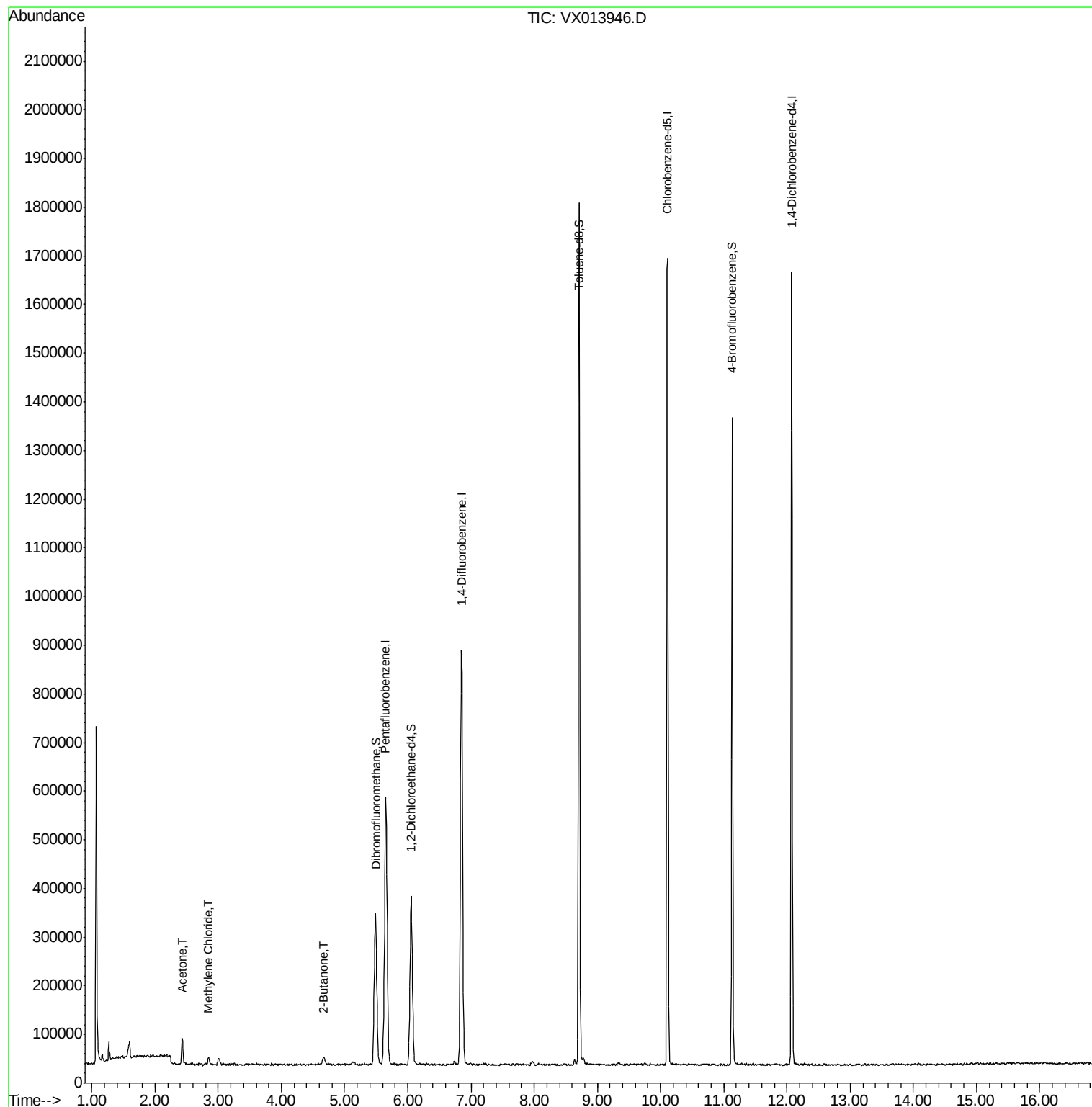
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	565935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	887431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	791517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	325696	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	5.49	113	262004	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	1047021	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.14	95	344180	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
16) Acetone	2.43	43	62135	19.158	ug/l	97
20) Methylene Chloride	2.84	84	8060	1.294	ug/l #	86
25) 2-Butanone	4.67	43	24446	5.072	ug/l #	88

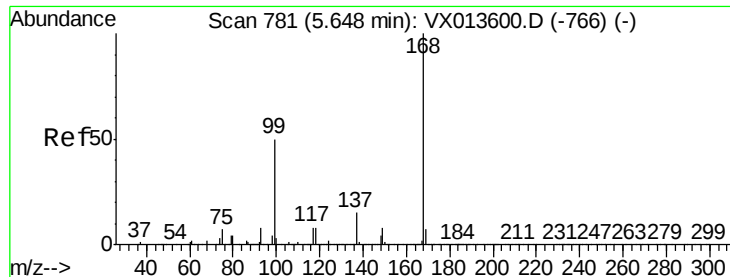
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013946.D

Acq: 11 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

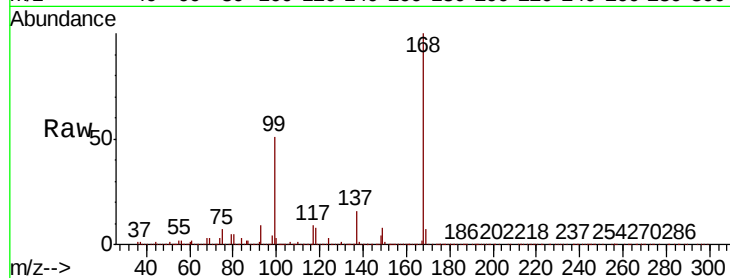
TB-01-191209

Tot Ion:168 Resp: 565935

Ion Ratio Lower Upper

168 100

99 51.1 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

200000

150000

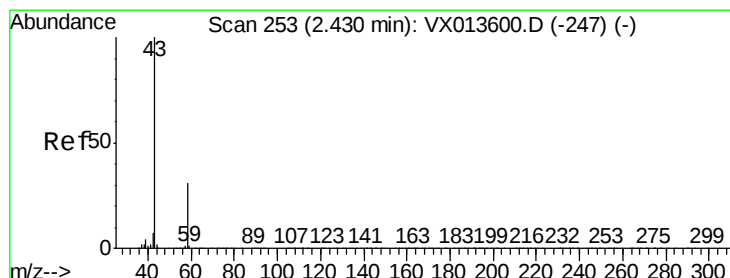
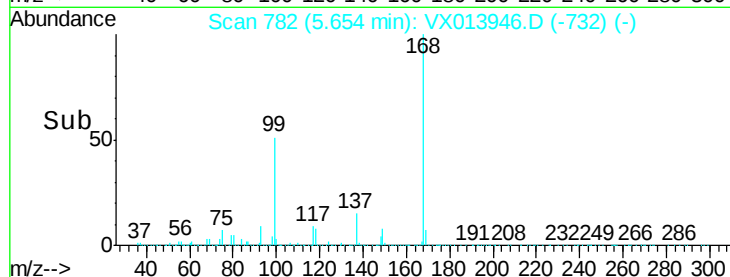
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 19.158 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013946.D

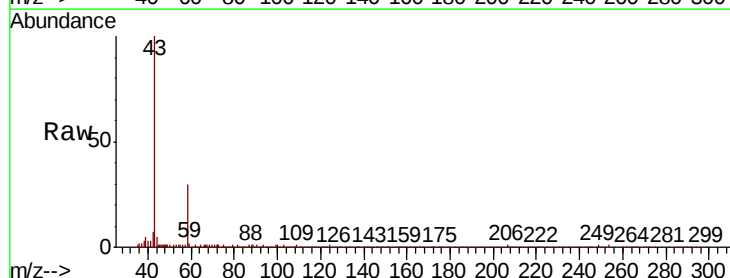
Acq: 11 Dec 2019 15:58

Tgt Ion: 43 Resp: 62135

Ion Ratio Lower Upper

43 100

58 28.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

40000

30000

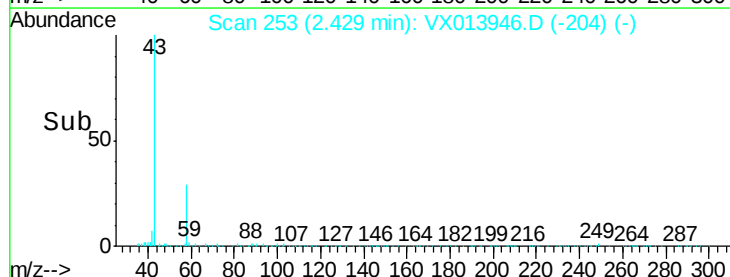
20000

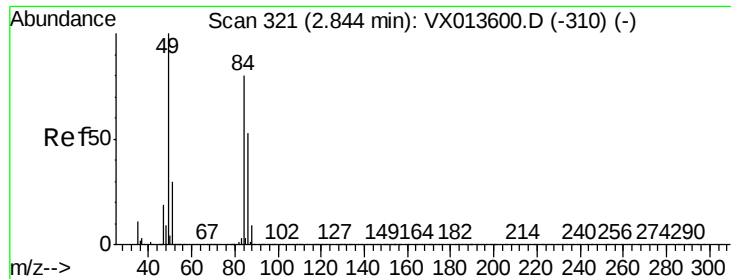
10000

0

Time-->

2.35 2.40 2.45 2.50 2.55

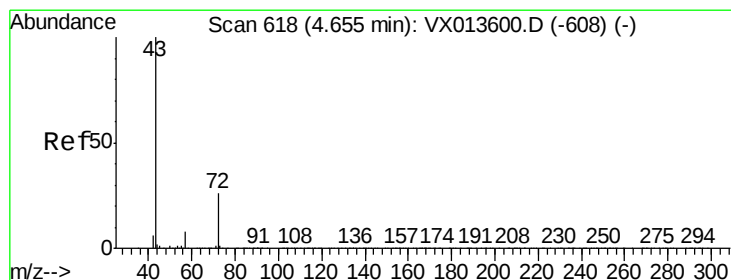
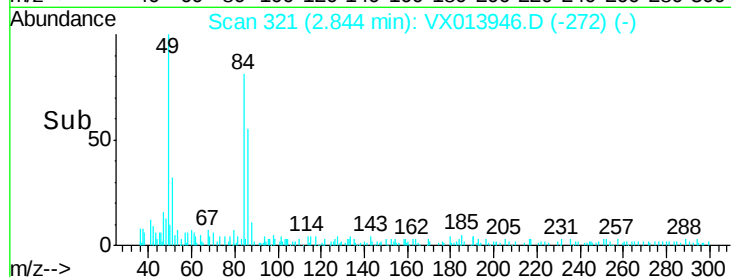
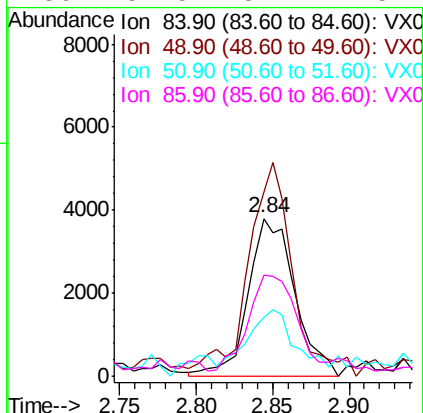
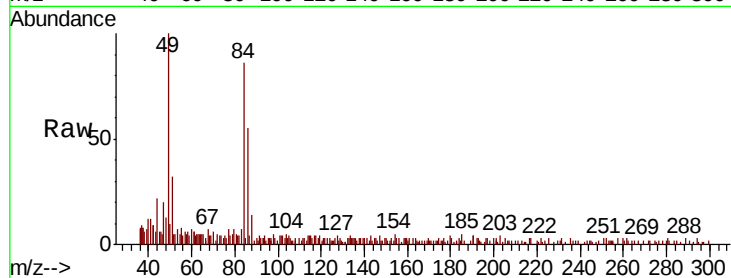




#20
Methvlene Chloride
Concen: 1.294 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013946.D
Acq: 11 Dec 2019 15:58

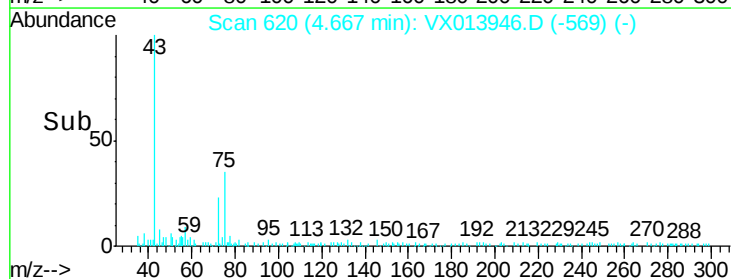
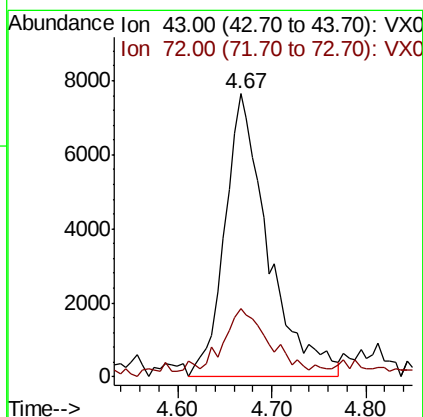
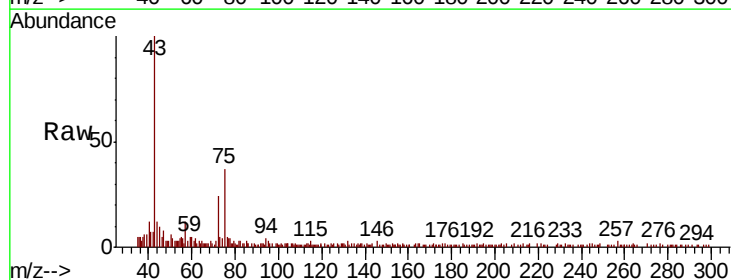
Instrument :
MSVOA_X
ClientSampleId :
TB-01-191209

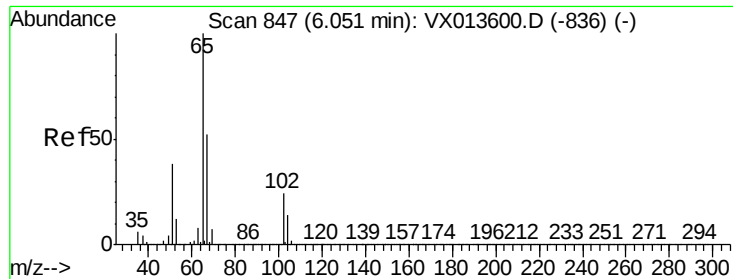
Tot Ion:	84	Resp:	8060
Ion	Ratio	Lower	Upper
84	100		
49	107.6	99.7	149.5
51	28.7	29.9	44.9#
86	54.5	52.2	78.4



#25
2-Butanone
Concen: 5.072 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013946.D
Acq: 11 Dec 2019 15:58

Tgt Ion:	43	Resp:	24446
Ion	Ratio	Lower	Upper
43	100		
72	19.8	20.6	31.0#

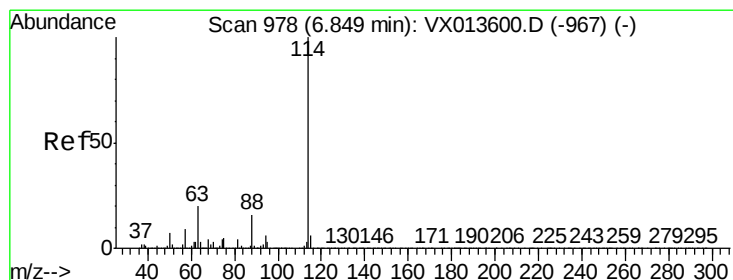
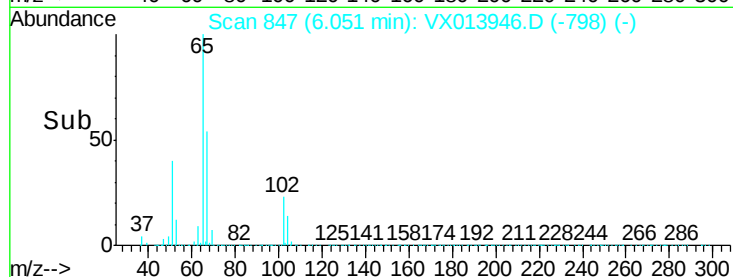
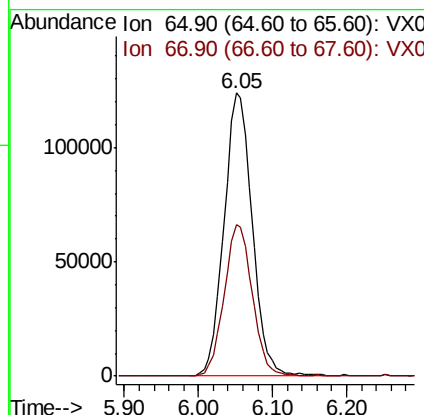
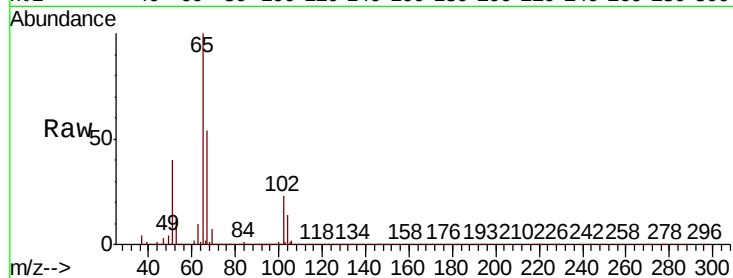




#33
 1,2-Dichloroethane-d4
 Concen: 49.579 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013946.D
 Acq: 11 Dec 2019 15:58

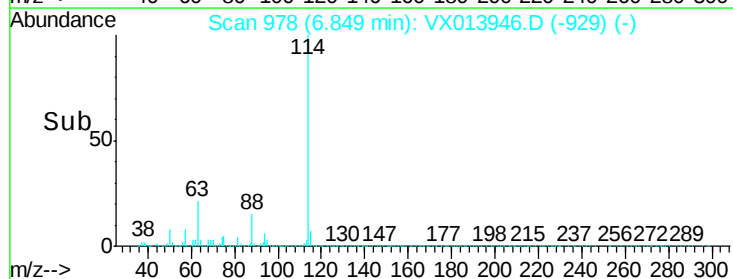
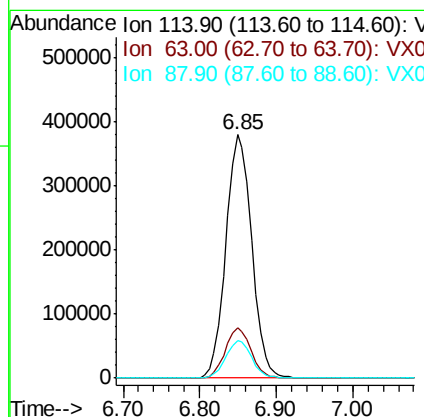
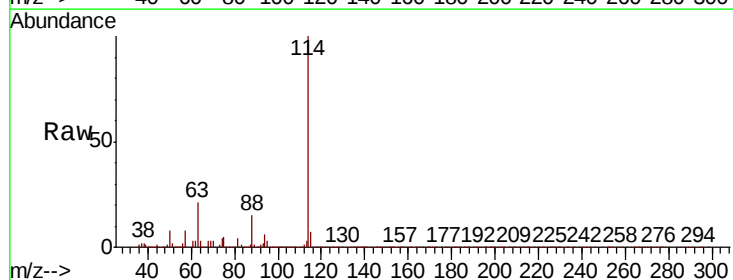
Instrument :
 MSVOA_X
 ClientSampled :
 TB-01-191209

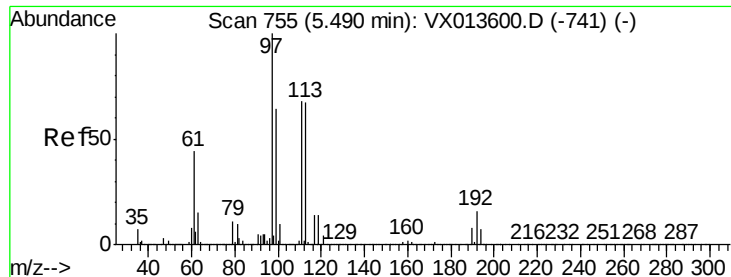
Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013946.D
 Acq: 11 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.6
88	15.3	0.0	31.4

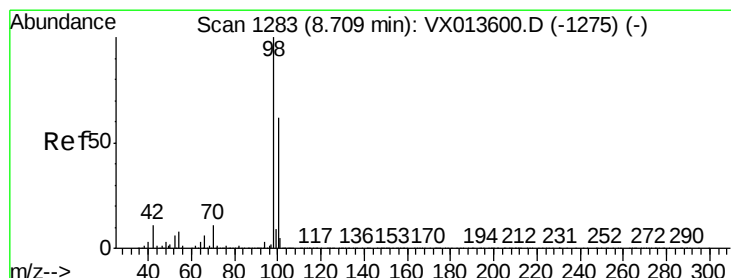
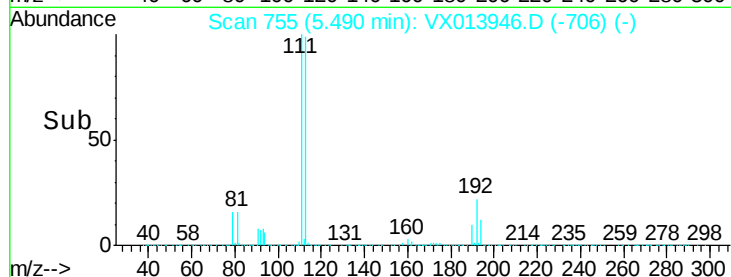
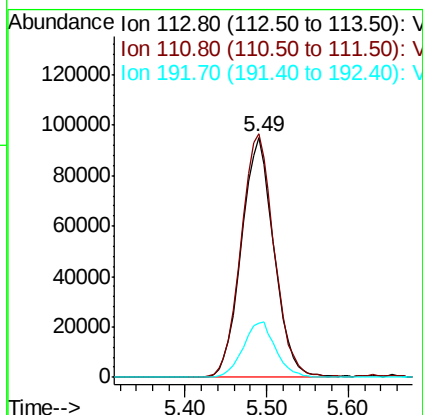
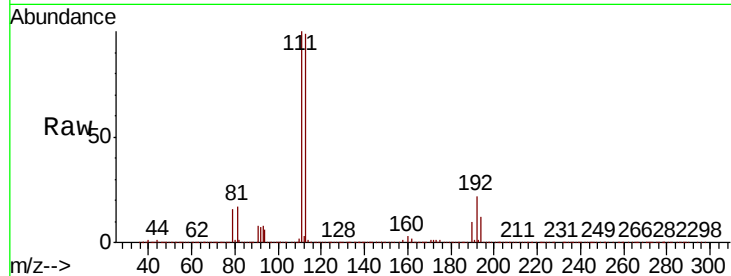




#35
 Dibromofluoromethane
 Concen: 47.757 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013946.D
 Acq: 11 Dec 2019 15:58

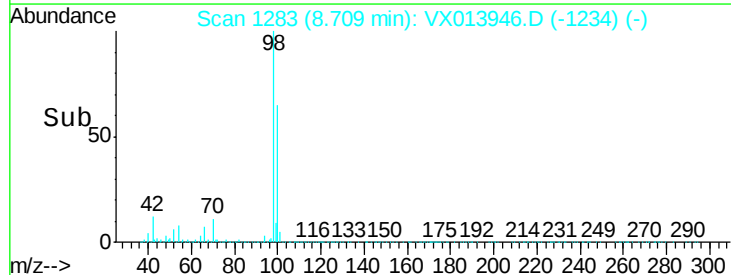
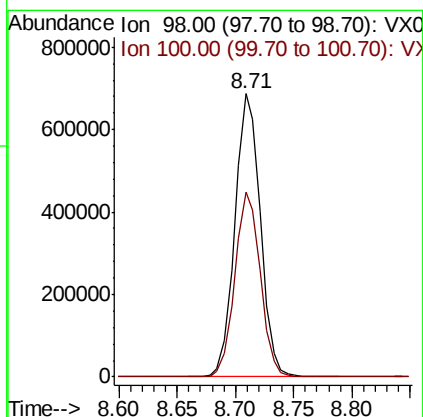
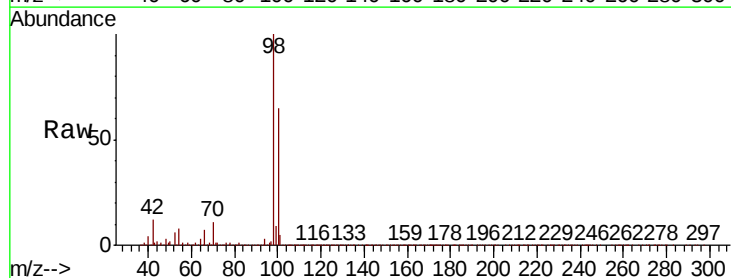
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-191209

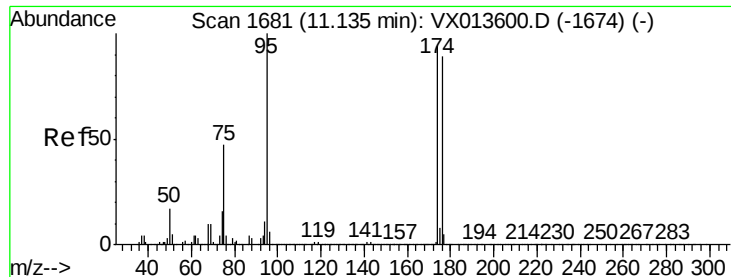
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.6	125.4
192	23.2	19.2	28.8



#50
 Toluene-d8
 Concen: 48.984 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013946.D
 Acq: 11 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7

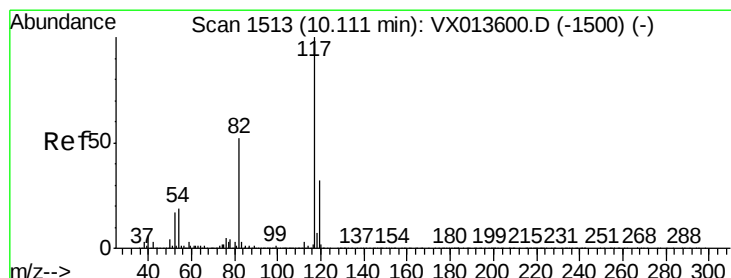
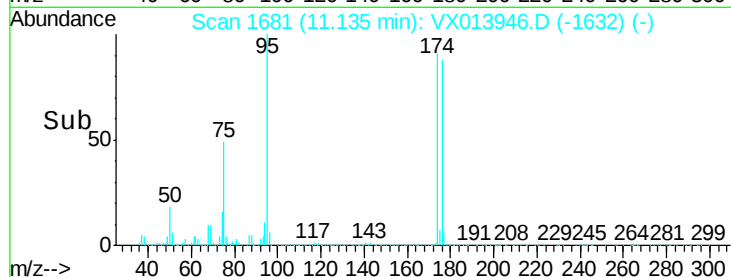
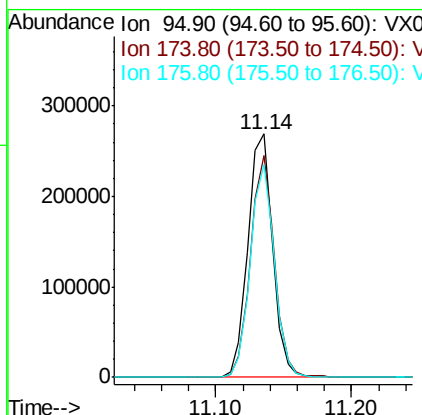
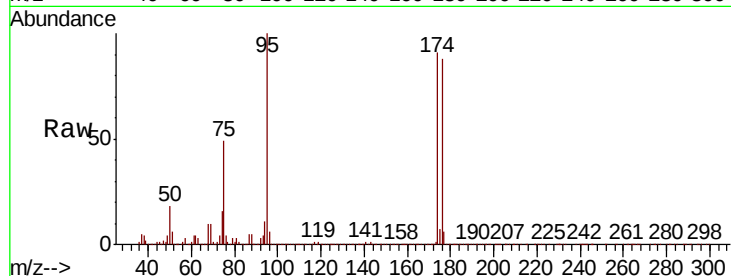




#62
4-Bromofluorobenzene
Concen: 44.653 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013946.D
Acq: 11 Dec 2019 15:58

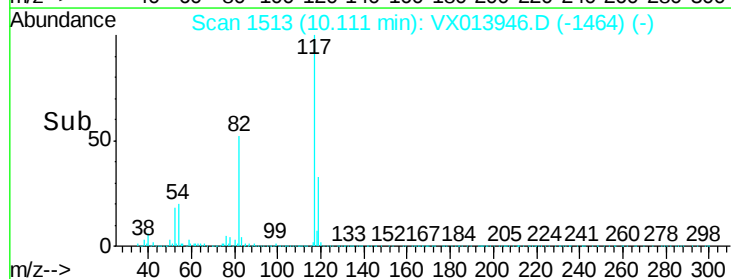
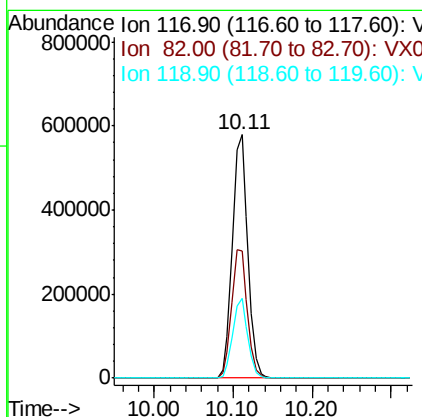
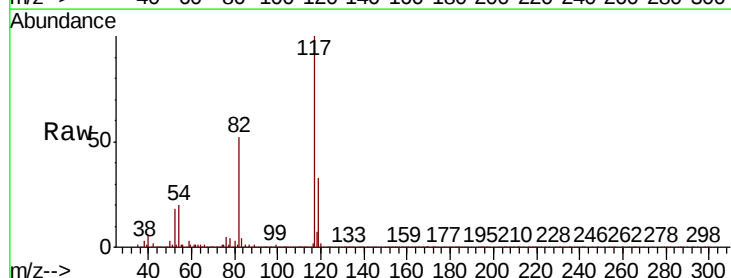
Instrument :
MSVOA_X
ClientSampleId :
TB-01-191209

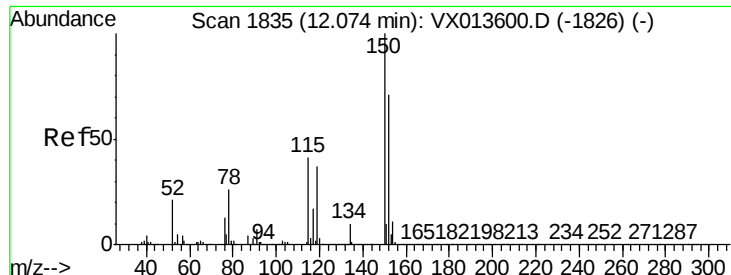
Tot Ion: 95 Resp: 344180
Ion Ratio Lower Upper
95 100
174 88.4 0.0 180.0
176 85.5 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013946.D
Acq: 11 Dec 2019 15:58

Tgt Ion: 117 Resp: 791517
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.8 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: VX013946.D

Acq: 11 Dec 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

TB-01-191209

Tot Ion:152 Resp: 339421

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

150 156.2 0.0 346.8

