

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013961.D
 Acq On : 11 Dec 2019 23:21
 Operator : JC/SP
 Sample : K6252-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20191210

Quant Time: Dec 12 06:35:02 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

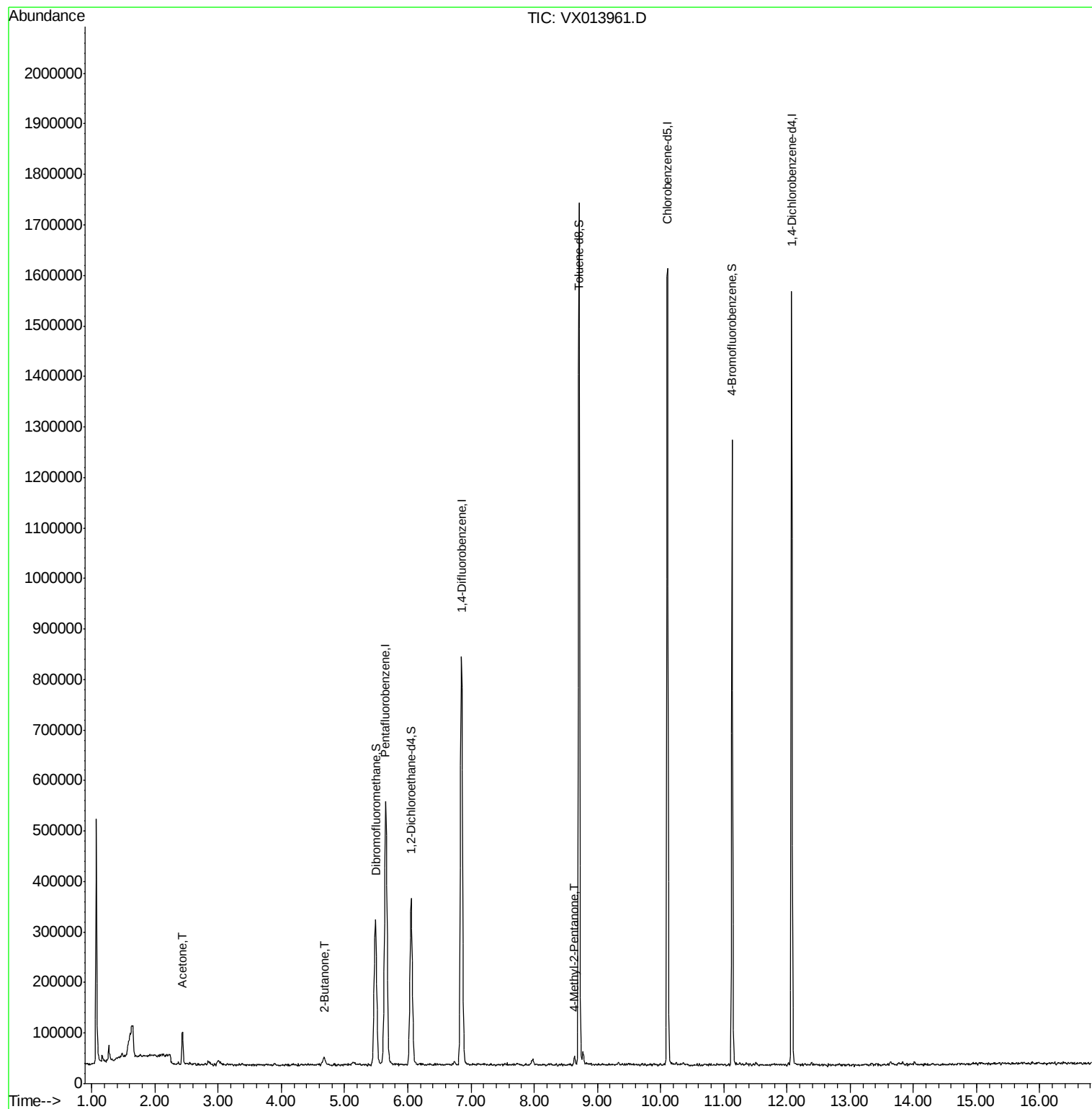
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	554372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	842899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	313478	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	5.49	113	252672	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1004327	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	333936	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
16) Acetone	2.43	43	70217	22.101	ug/l	96
25) 2-Butanone	4.67	43	26278	5.565	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	10755	1.210	ug/l	96

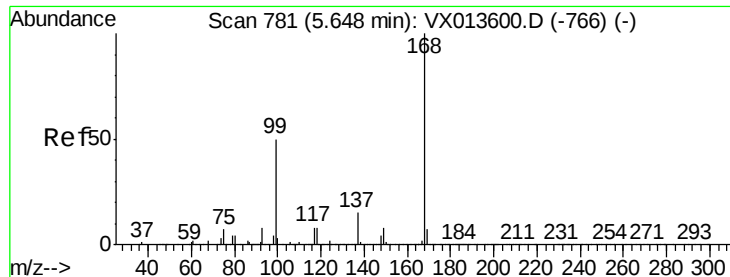
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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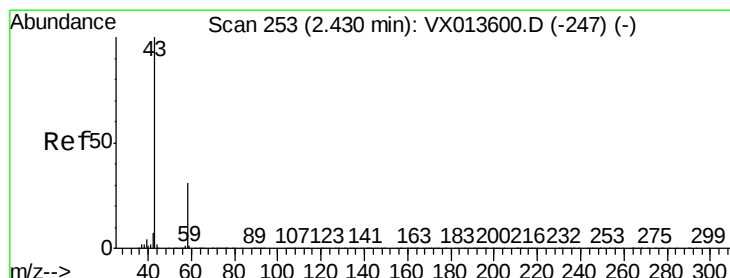
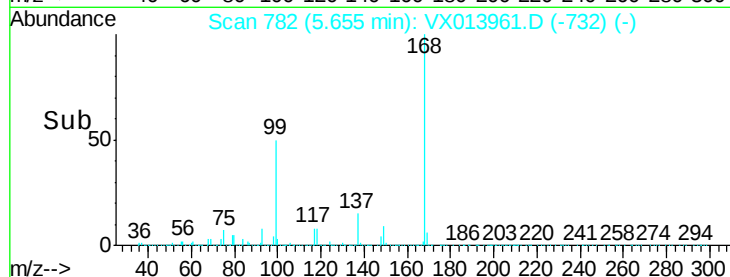
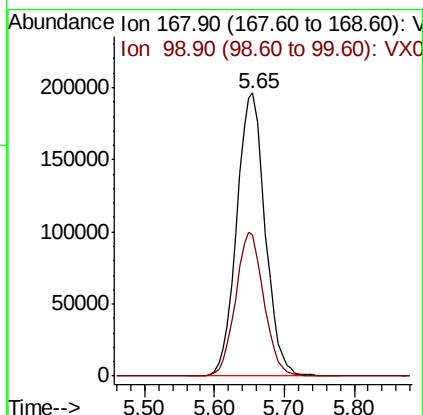
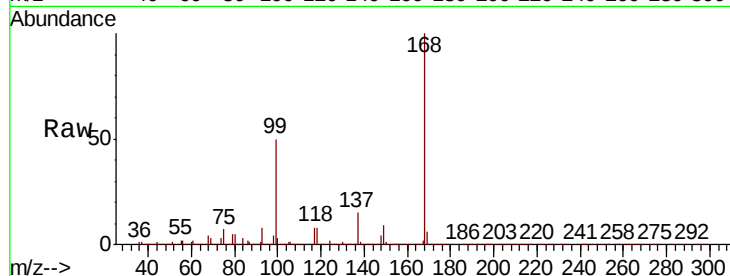


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013961.D
 Acq: 11 Dec 2019 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20191210

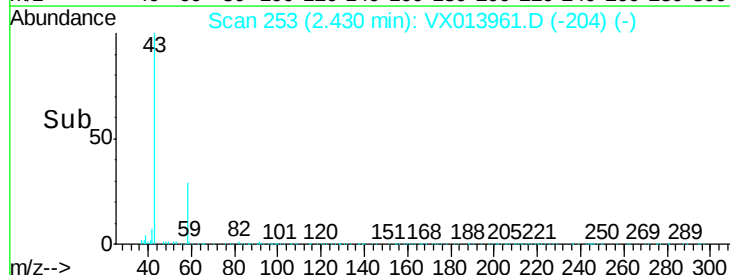
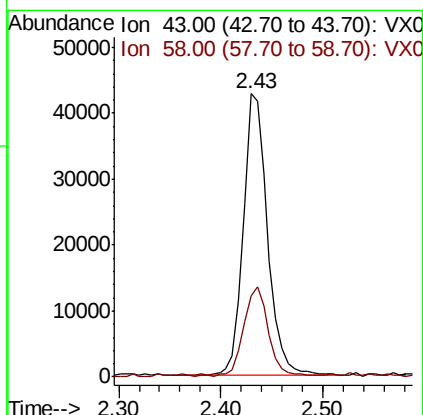
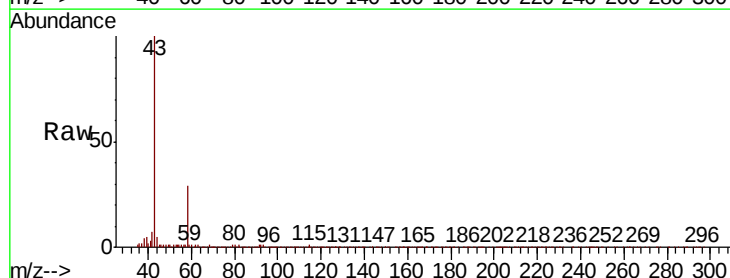
Tot Ion:168 Resp: 554372
 Ion Ratio Lower Upper
 168 100
 99 49.8 39.8 59.8

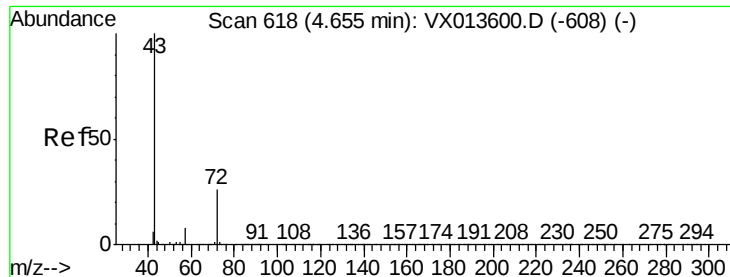


#16

Acetone
 Concen: 22.101 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013961.D
 Acq: 11 Dec 2019 23:21

Tgt Ion: 43 Resp: 70217
 Ion Ratio Lower Upper
 43 100
 58 28.3 24.6 36.8

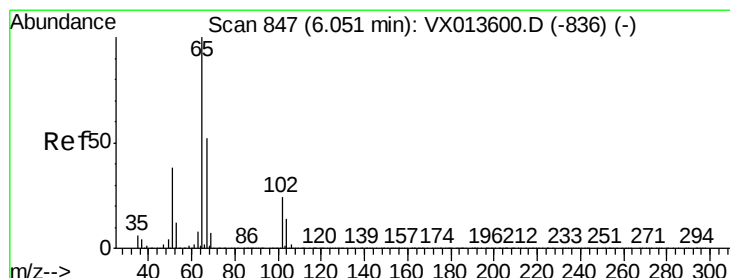
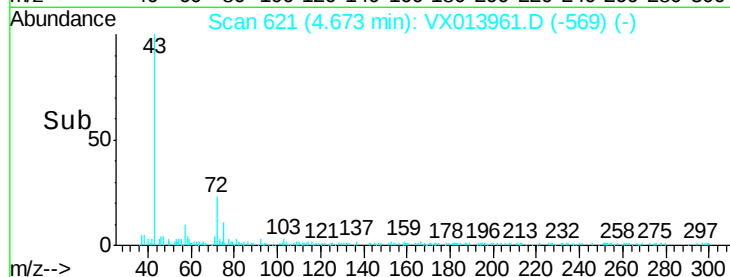
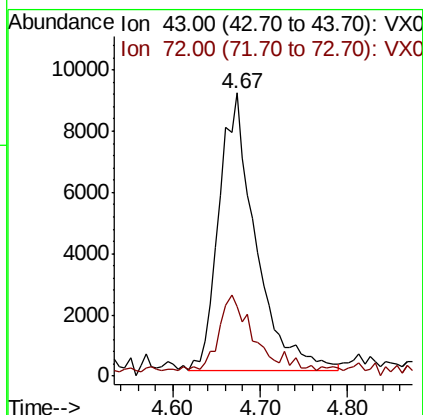
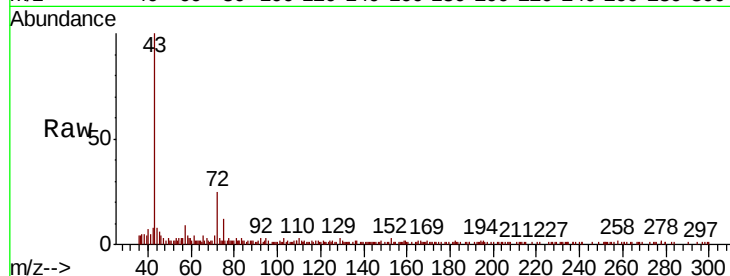




#25
2-Butanone
Concen: 5.565 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX013961.D
Acq: 11 Dec 2019 23:21

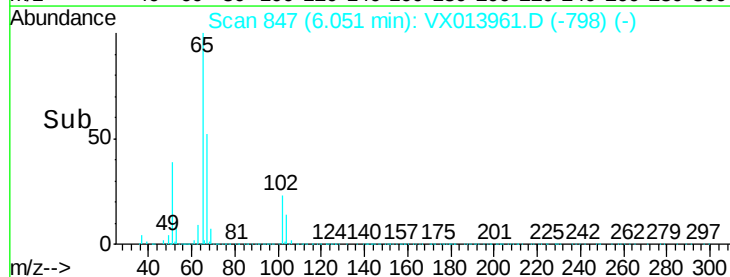
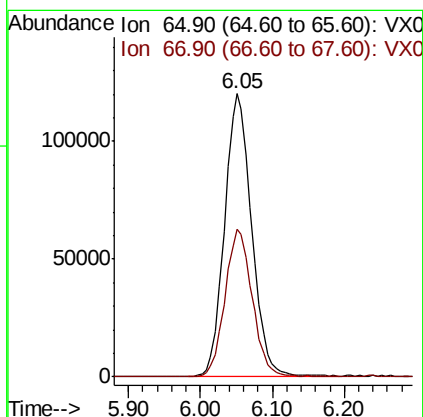
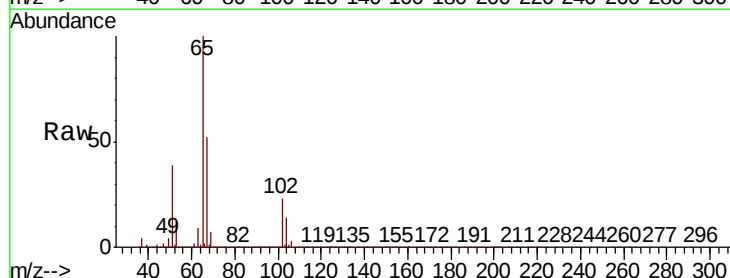
Instrument :
MSVOA_X
ClientSampleId :
TB03-20191210

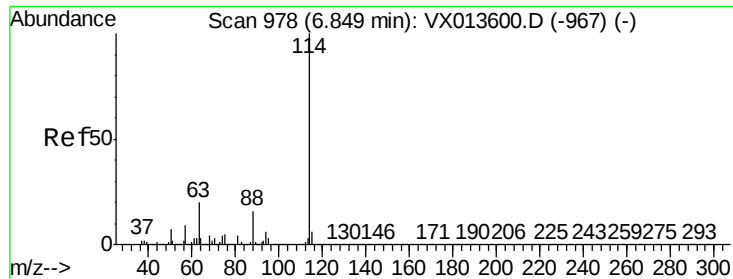
Tot Ion: 43 Resp: 26278
Ion Ratio Lower Upper
43 100
72 22.8 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 48.715 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013961.D
Acq: 11 Dec 2019 23:21

Tgt Ion: 65 Resp: 313478
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.4

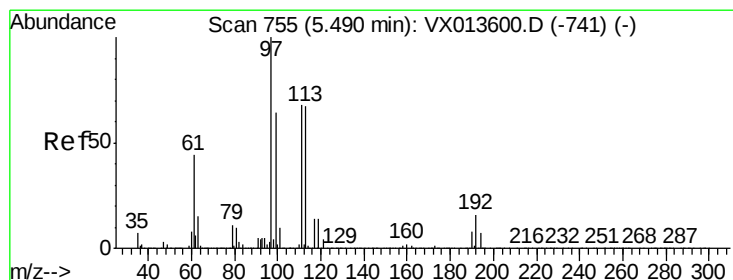
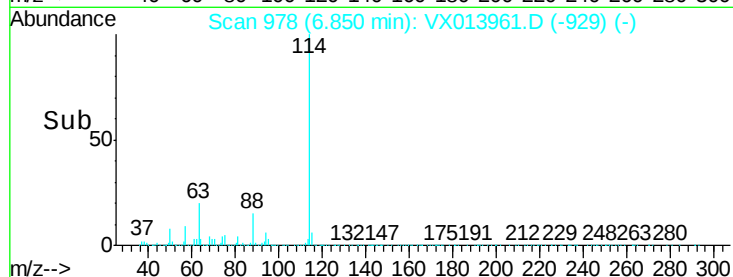
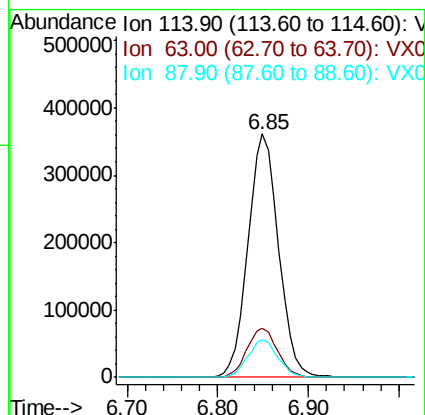
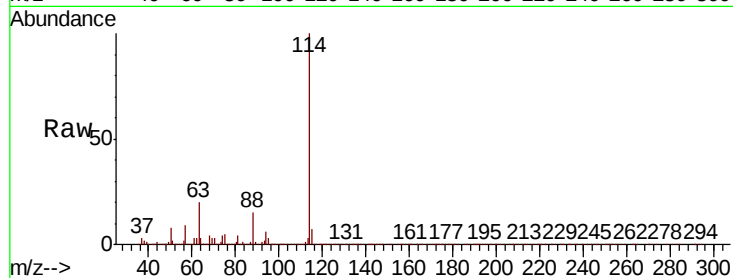




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013961.D
Acq: 11 Dec 2019 23:21

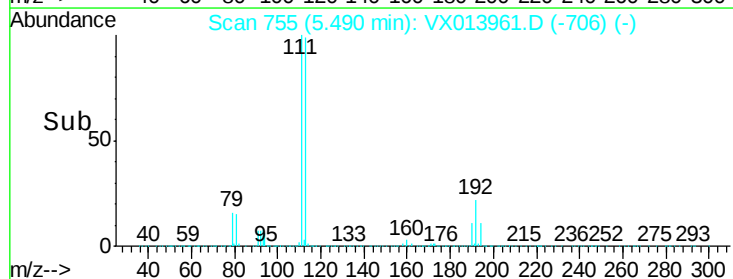
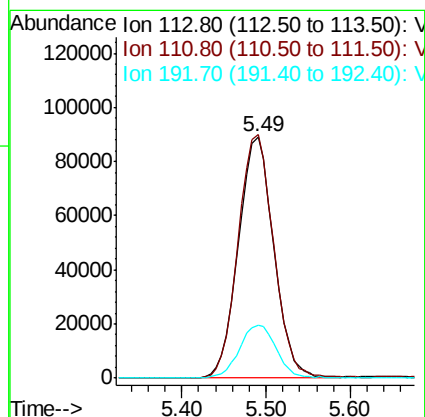
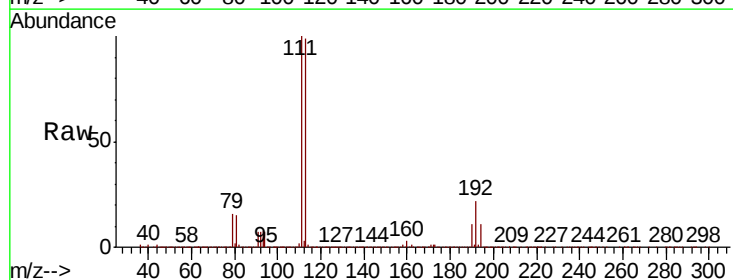
Instrument :
MSVOA_X
ClientSampleId :
TB03-20191210

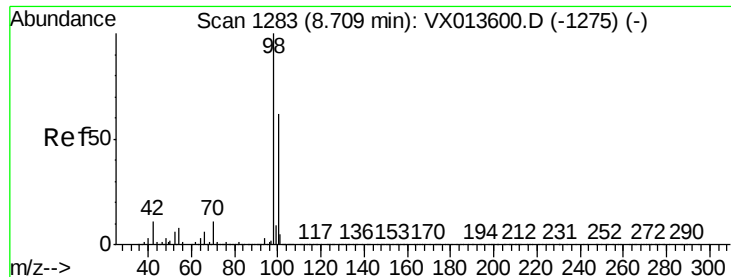
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.3	0.0	31.4



#35
Dibromofluoromethane
Concen: 48.489 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013961.D
Acq: 11 Dec 2019 23:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.6	125.4
192	23.2	19.2	28.8





#50

Toluene-d8

Concen: 49.469 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013961.D

Acq: 11 Dec 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

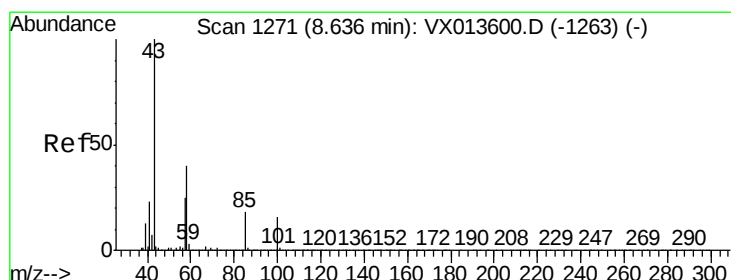
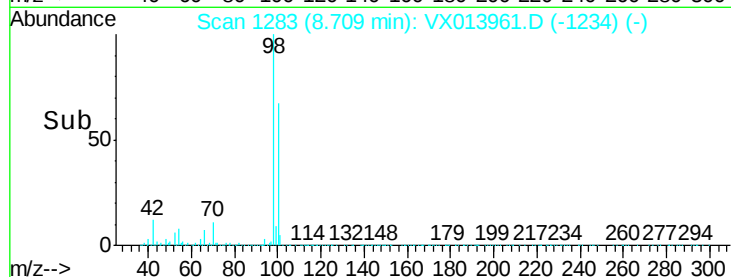
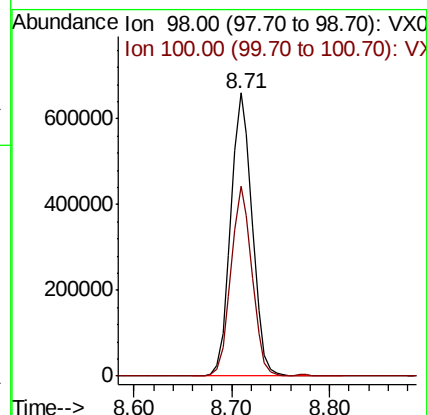
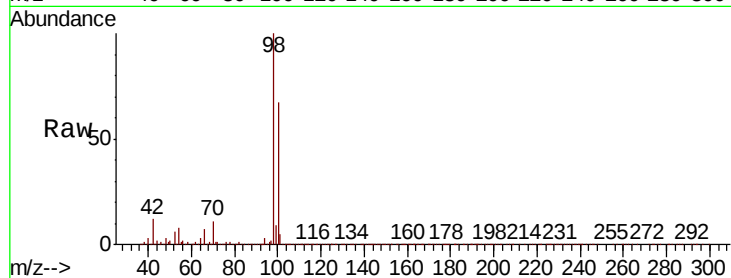
TB03-20191210

Tot Ion: 98 Resp: 1004327

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 1.210 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013961.D

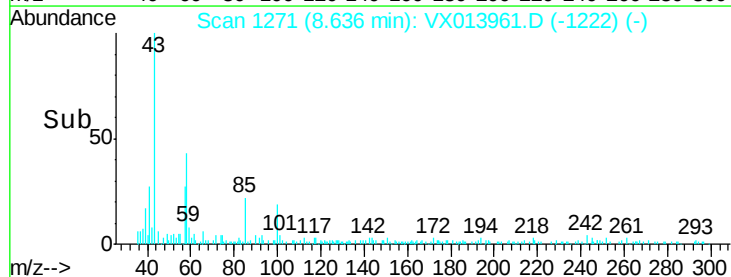
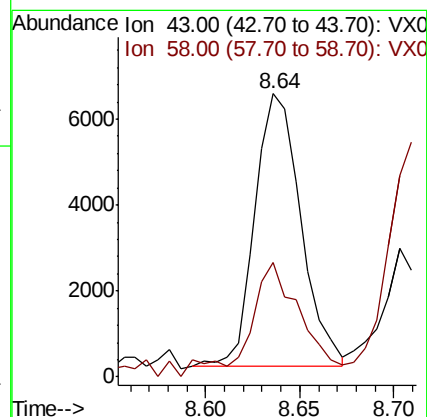
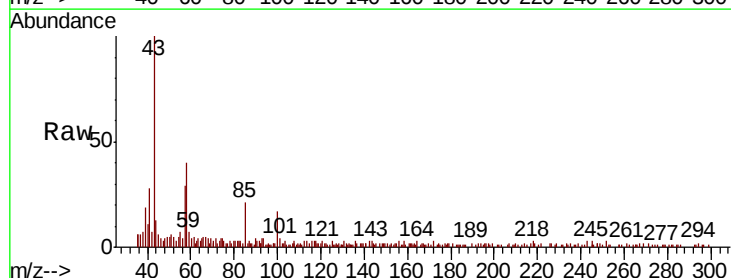
Acq: 11 Dec 2019 23:21

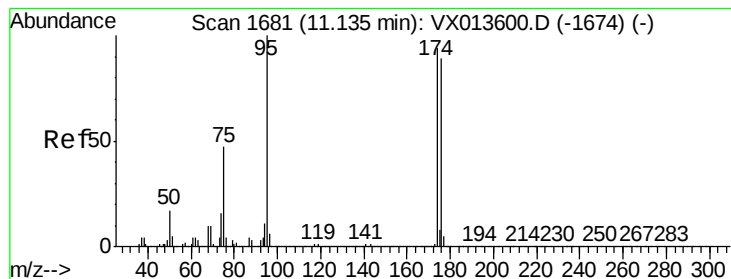
Tgt Ion: 43 Resp: 10755

Ion Ratio Lower Upper

43 100

58 37.4 32.1 48.1





#62

4-Bromofluorobenzene

Concen: 45.613 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013961.D

Acq: 11 Dec 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

TB03-20191210

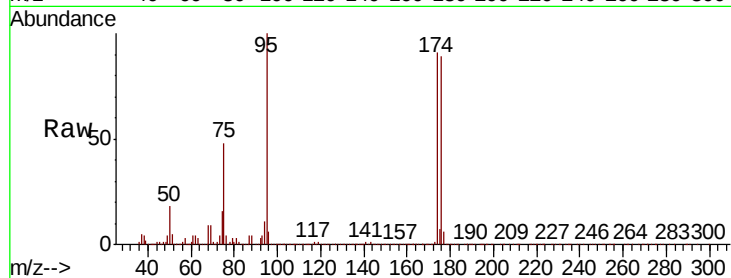
Tot Ion: 95 Resp: 333936

Ion Ratio Lower Upper

95 100

174 86.9 0.0 180.0

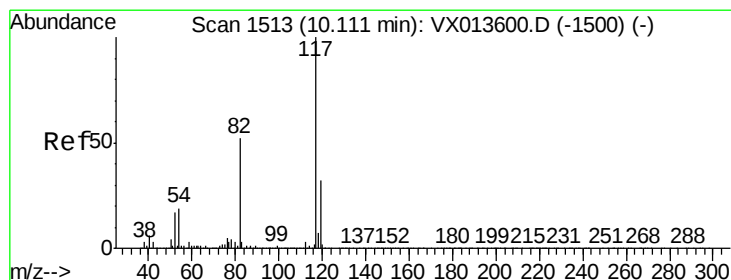
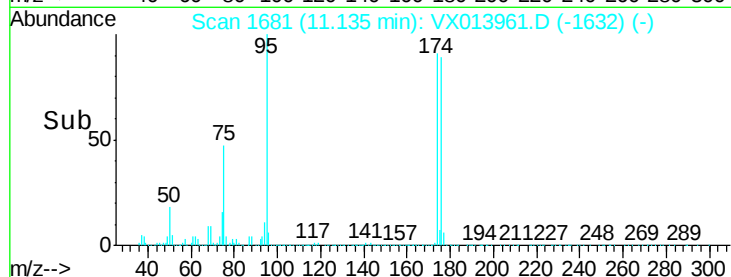
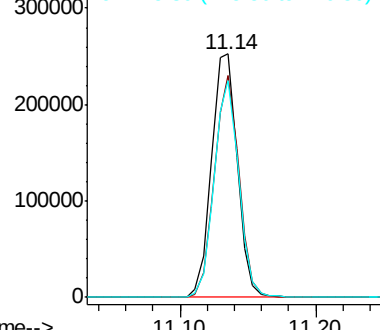
176 85.0 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013961.D

Acq: 11 Dec 2019 23:21

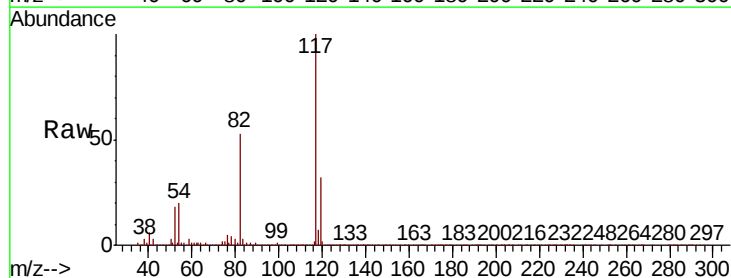
Tgt Ion: 117 Resp: 750214

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

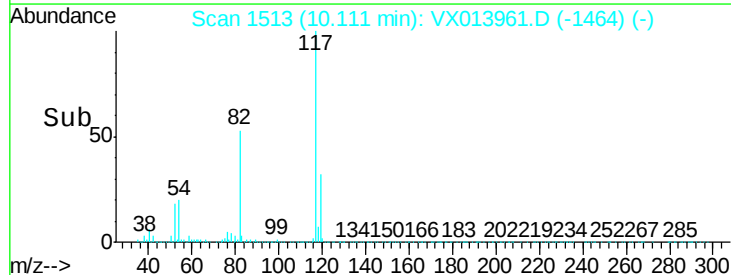
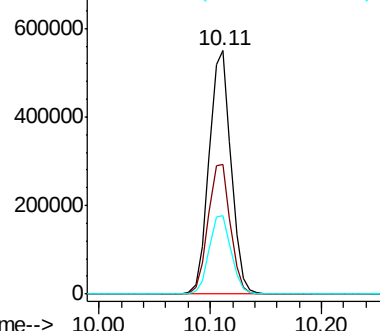
119 32.4 25.8 38.8

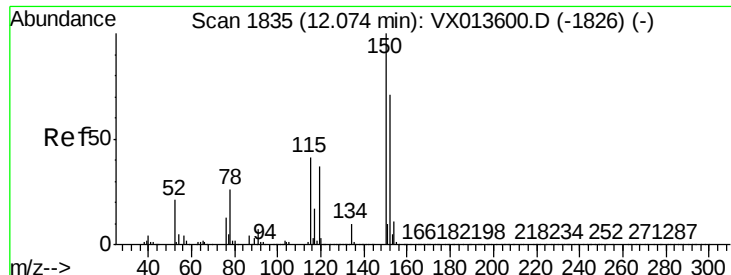


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013961.D

Acq: 11 Dec 2019 23:21

Instrument :

MSVOA_X

ClientSampleId :

TB03-20191210

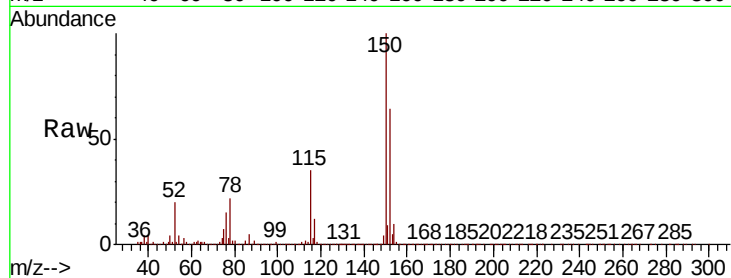
Tot Ion:152 Resp: 324455

Ion Ratio Lower Upper

152 100

115 55.8 38.4 115.1

150 155.1 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

