

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014204.D
 Acq On : 23 Dec 2019 15:59
 Operator : JC/SP
 Sample : K6393-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-20A

Quant Time: Dec 24 07:44:08 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

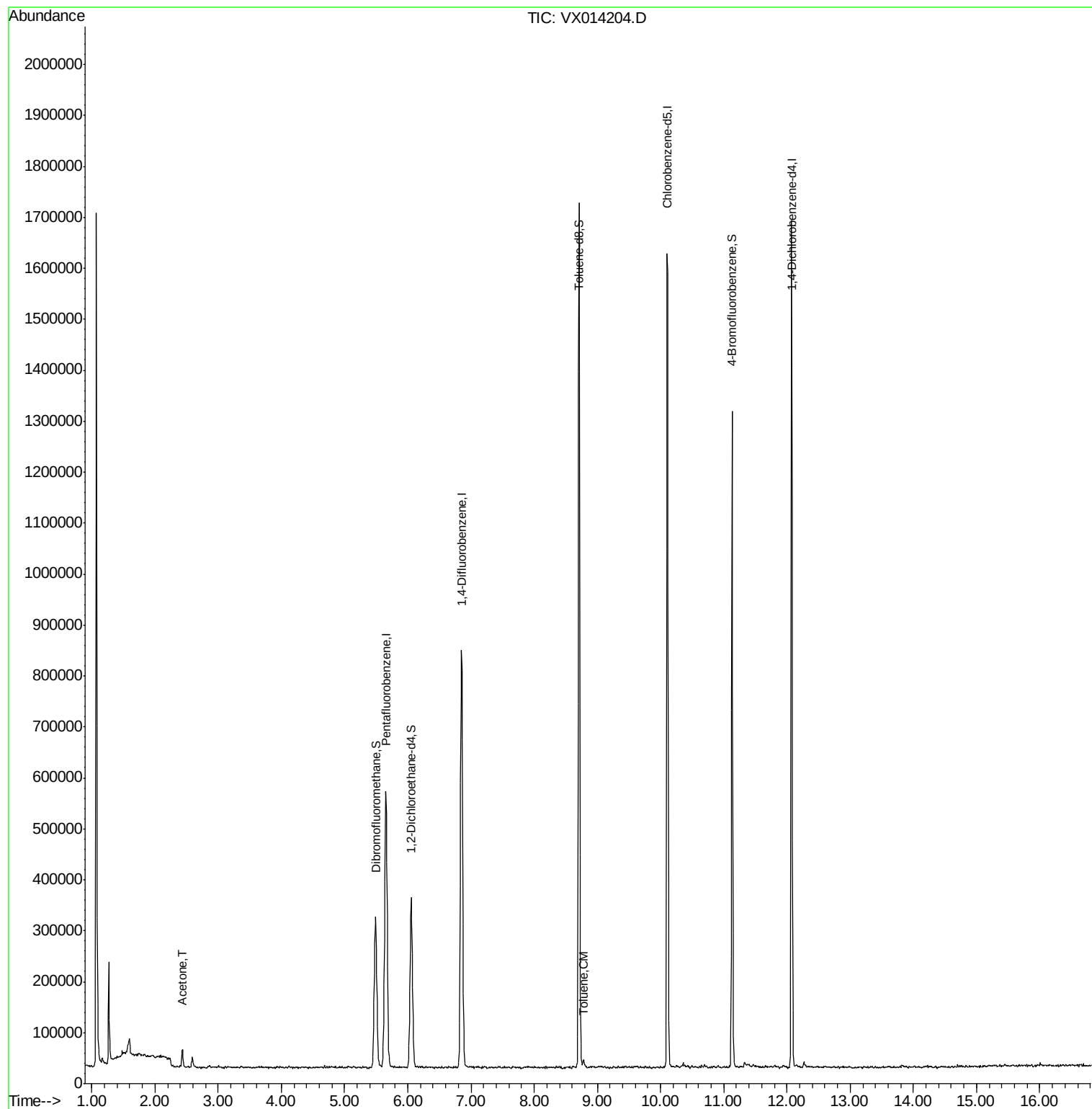
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	564408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	865025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	309163	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	5.49	113	258391	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	1015784	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	340984	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
16) Acetone	2.43	43	37324	8.987	ug/l	97
52) Toluene	8.78	92	5588	0.362	ug/l	93

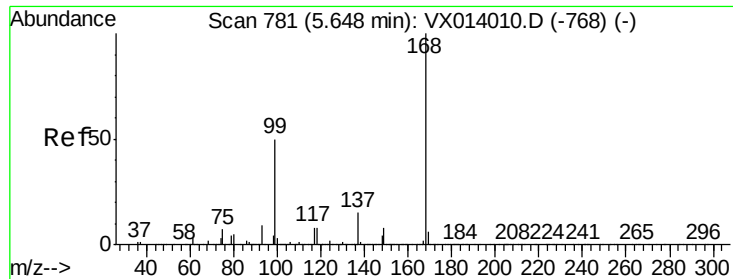
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014204.D

Acq: 23 Dec 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

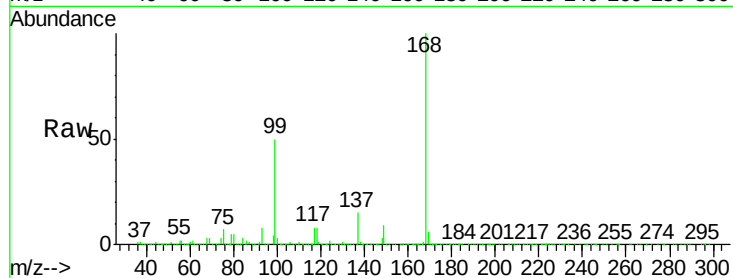
MH-20A

Tot Ion:168 Resp: 564408

Ion Ratio Lower Upper

168 100

99 49.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

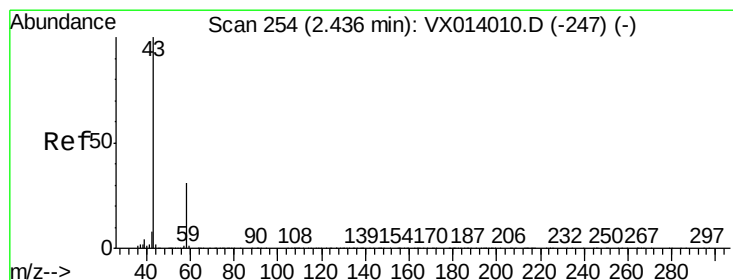
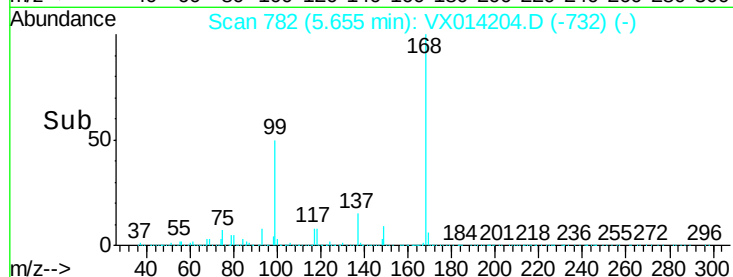
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.987 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014204.D

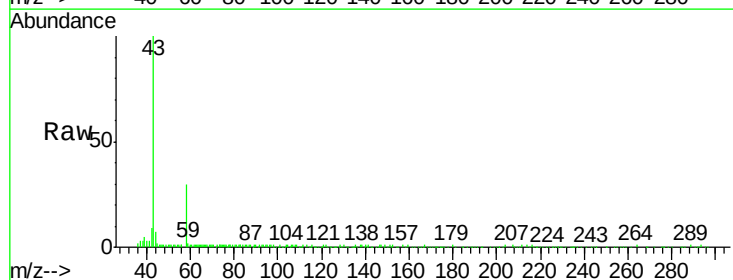
Acq: 23 Dec 2019 15:59

Tgt Ion: 43 Resp: 37324

Ion Ratio Lower Upper

43 100

58 29.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

25000

20000

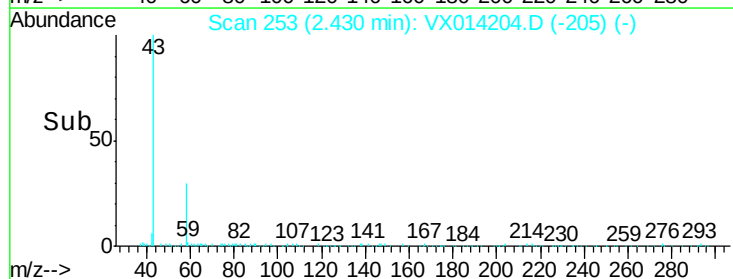
15000

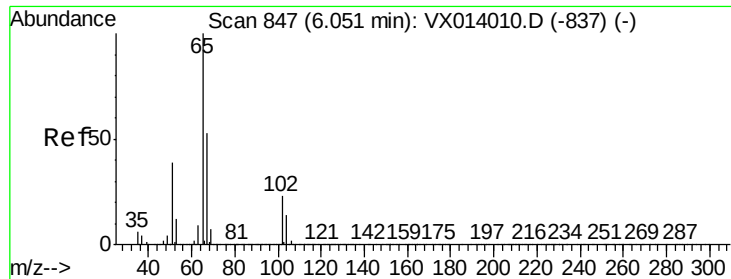
10000

5000

0

Time-->

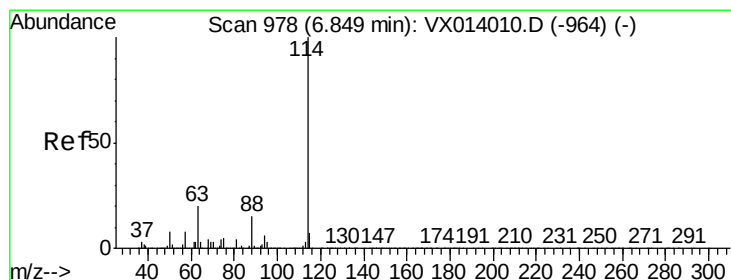
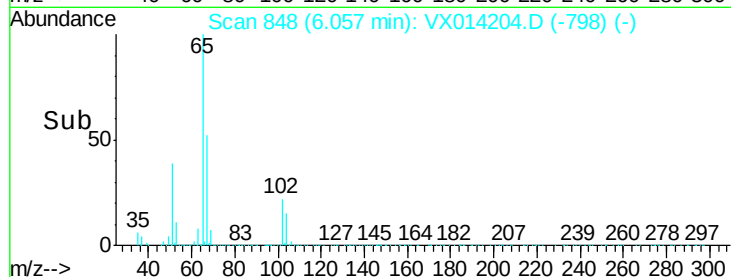
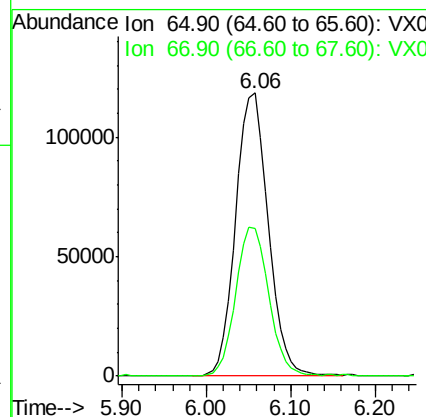
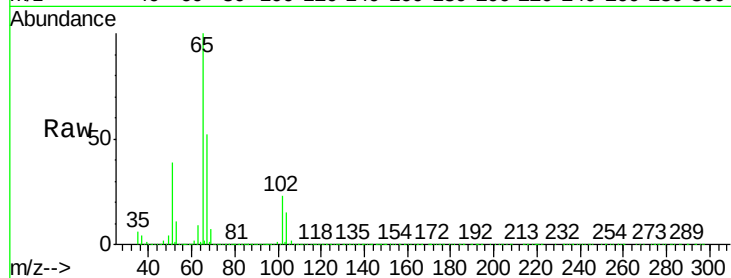




#33
 1,2-Dichloroethane-d4
 Concen: 48.331 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014204.D
 Acq: 23 Dec 2019 15:59

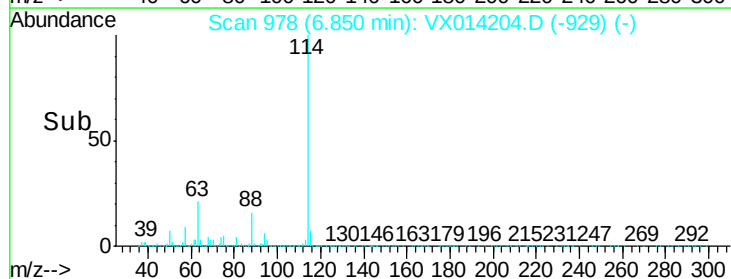
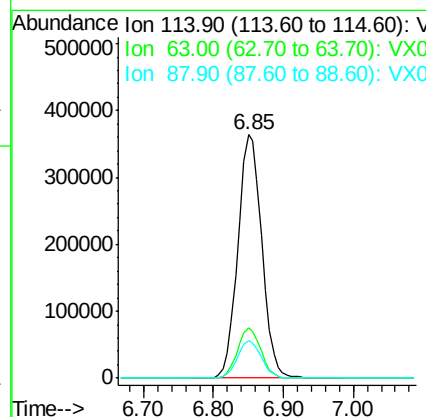
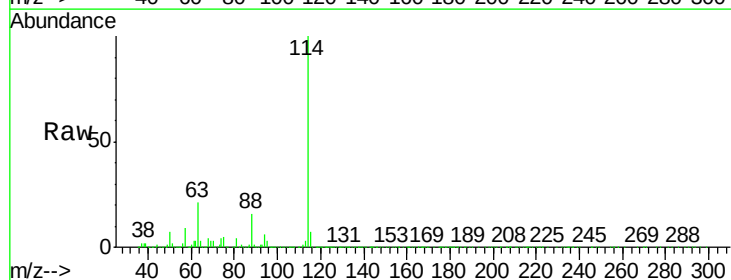
Instrument :
 MSVOA_X
 ClientSampled :
 MH-20A

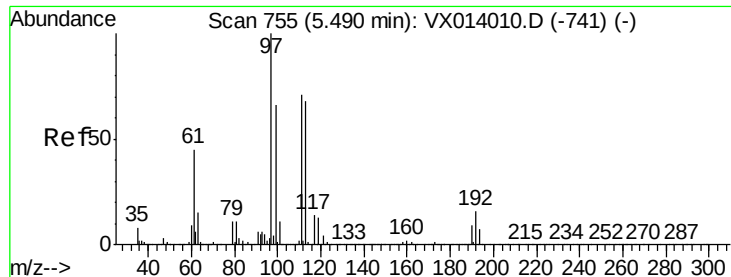
Tot Ion: 65 Resp: 309163
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014204.D
 Acq: 23 Dec 2019 15:59

Tgt Ion: 114 Resp: 865025
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.139 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014204.D

Acq: 23 Dec 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

MH-20A

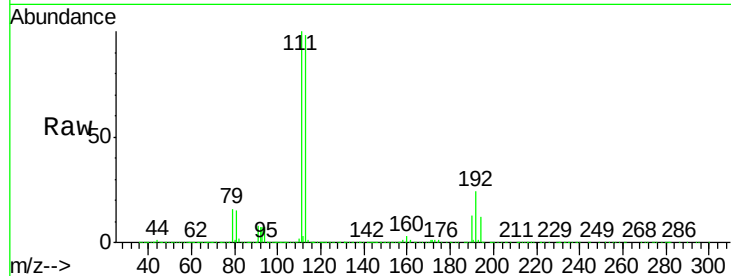
Tot Ion:113 Resp: 258391

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

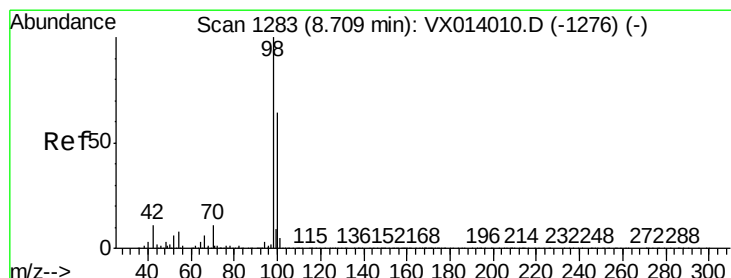
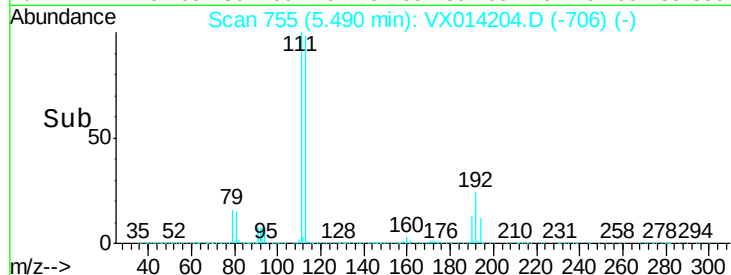
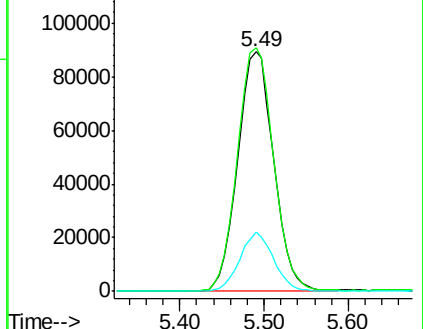
192 22.8 19.3 28.9



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



#50

Toluene-d8

Concen: 49.618 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014204.D

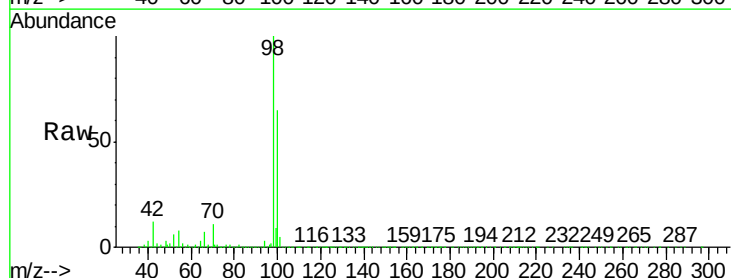
Acq: 23 Dec 2019 15:59

Tgt Ion: 98 Resp: 1015784

Ion Ratio Lower Upper

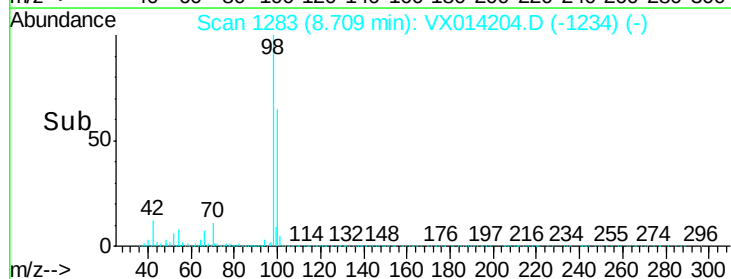
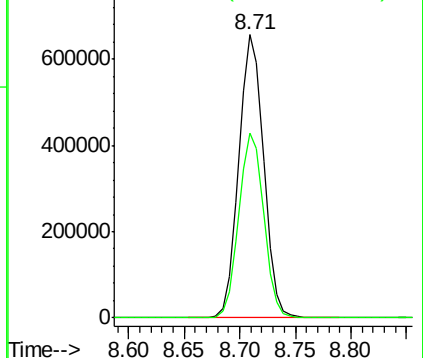
98 100

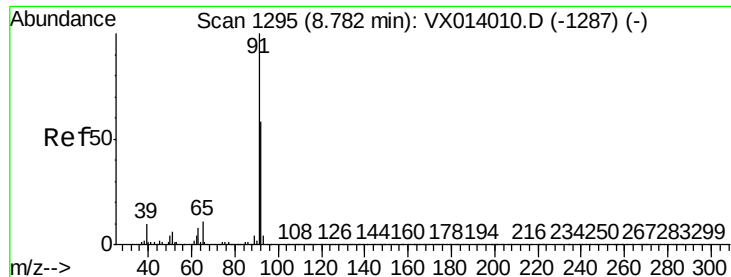
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#52

Toluene

Concen: 0.362 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014204.D

Acq: 23 Dec 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

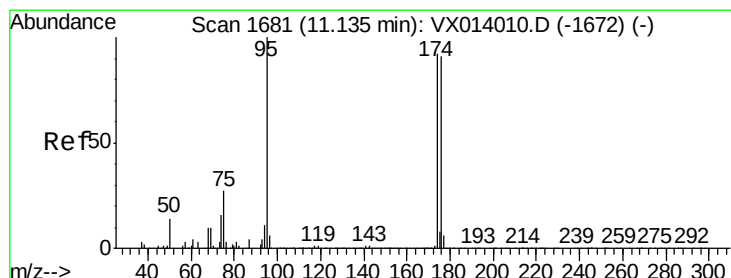
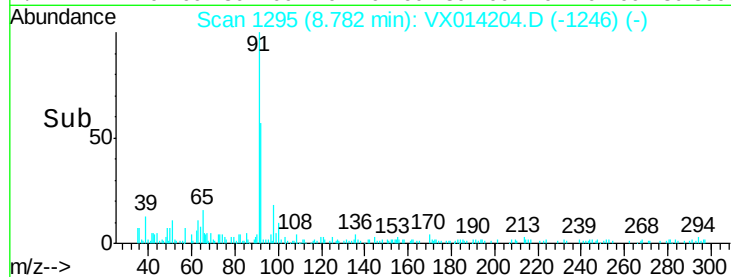
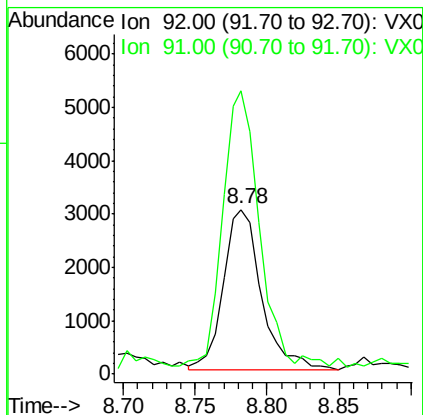
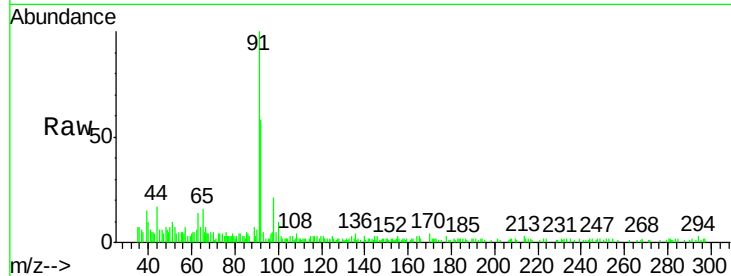
MH-20A

Tot Ion: 92 Resp: 5588

Ion Ratio Lower Upper

92 100

91 160.1 136.2 204.4



#62

4-Bromofluorobenzene

Concen: 45.565 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014204.D

Acq: 23 Dec 2019 15:59

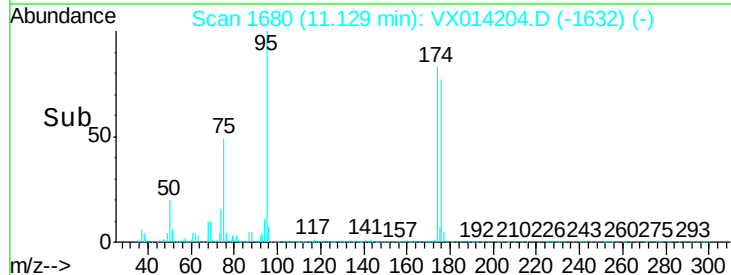
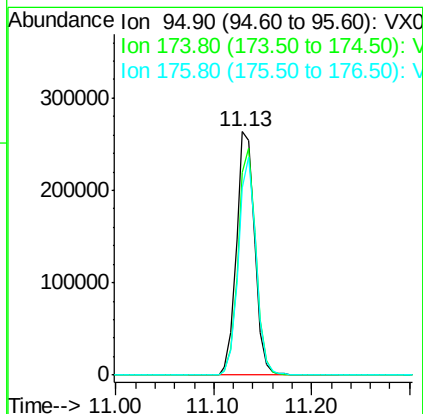
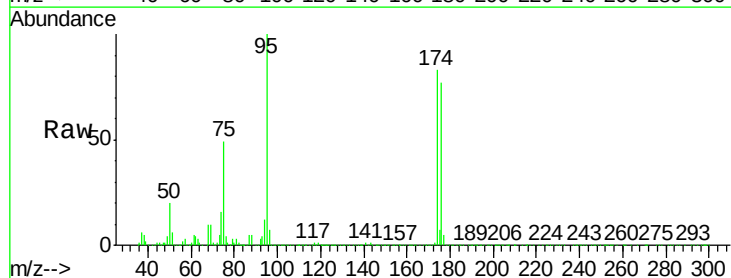
Tgt Ion: 95 Resp: 340984

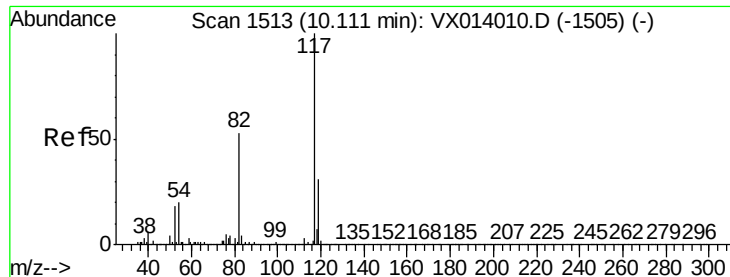
Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.8

176 86.4 0.0 173.0

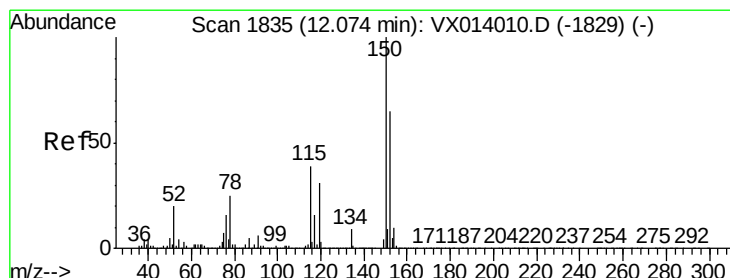
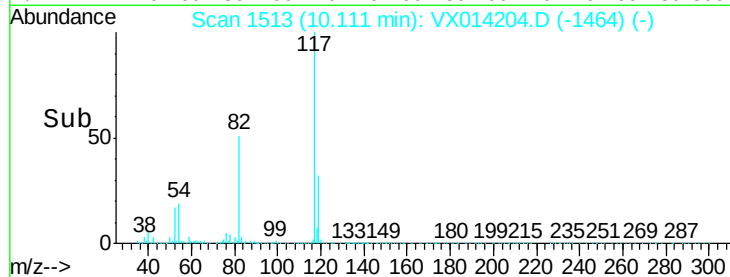
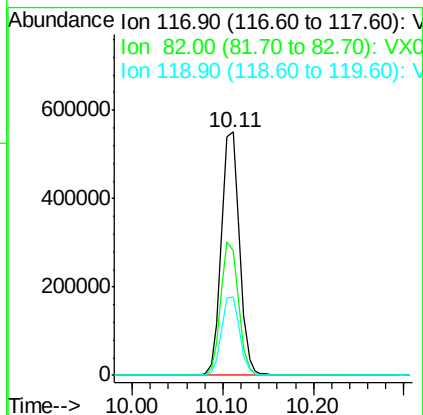
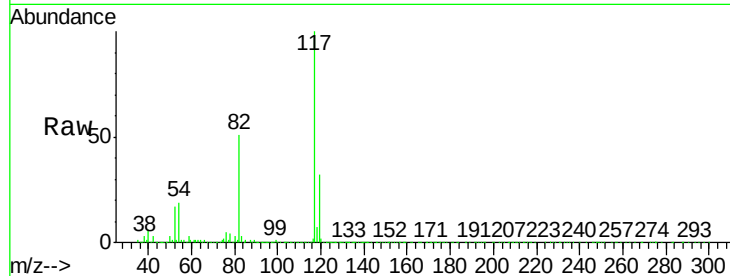




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014204.D
Acq: 23 Dec 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
MH-20A

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.2	63.4
119	32.3	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014204.D
Acq: 23 Dec 2019 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.3	114.9
150	156.3	0.0	345.4

