

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012909.D
 Acq On : 09 Oct 2019 00:02
 Operator : JC/SP
 Sample : K5190-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW09I1-20191002

Quant Time: Oct 09 04:39:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

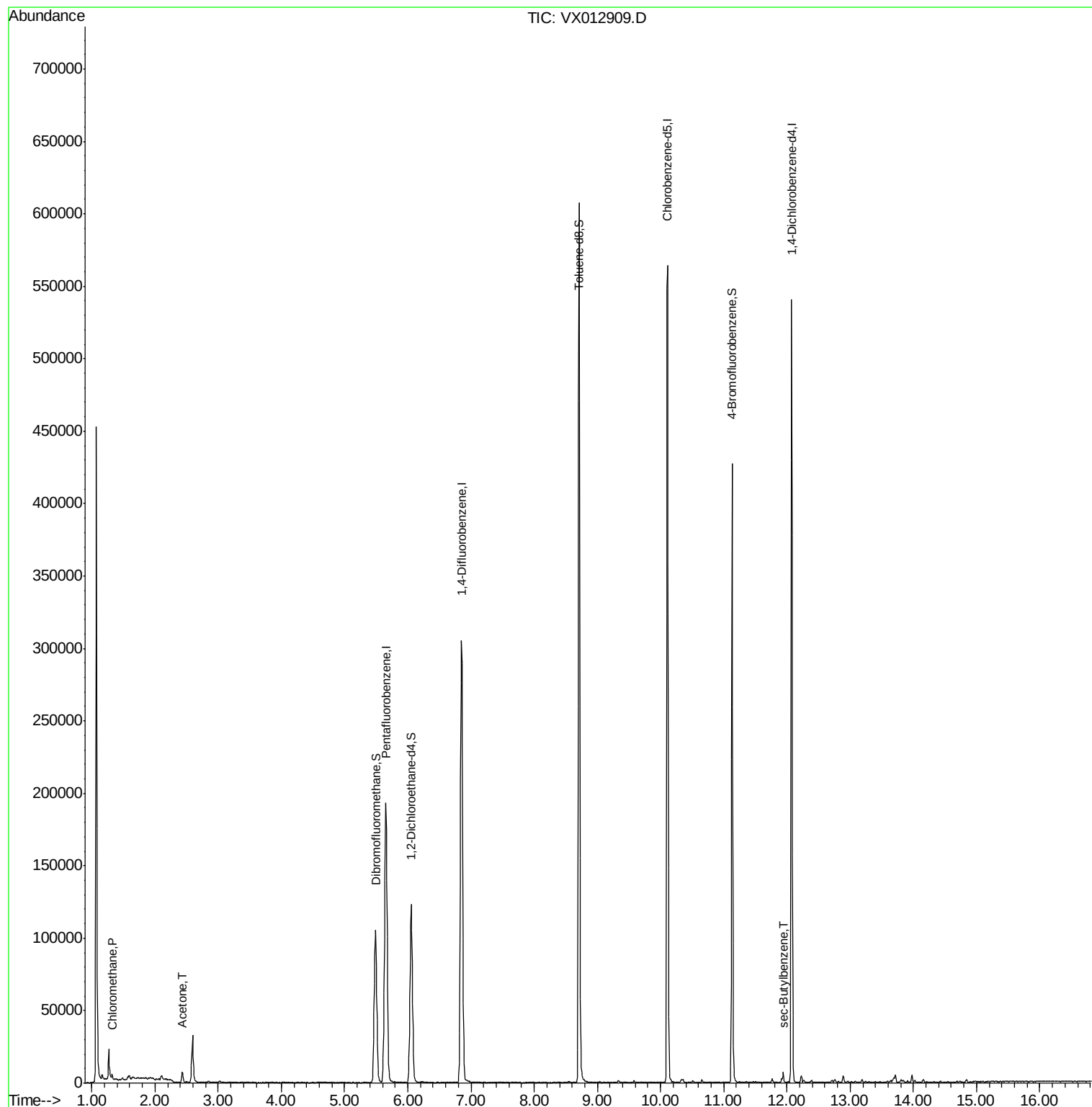
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117454	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	5.49	113	90723	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	8.71	98	359154	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.13	95	125525	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
3) Chloromethane	1.32	50	1526	0.762	ug/l #	86
16) Acetone	2.43	43	7643	6.422	ug/l	95
85) sec-Butylbenzene	11.94	105	3652	0.507	ug/l	98

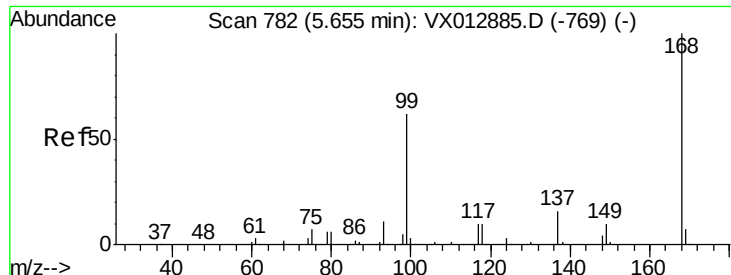
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012909.D

Acq: 09 Oct 2019 00:02

Instrument :

MSVOA_X

ClientSampleId :

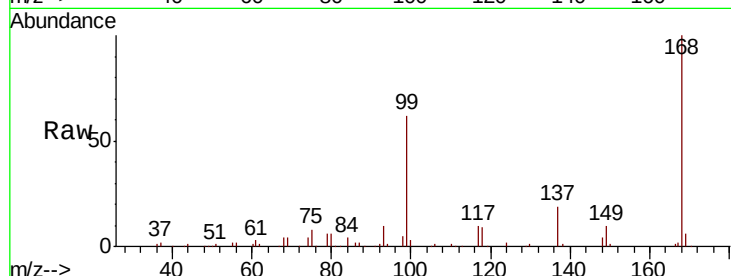
FC-MW09I1-20191002

Tot Ion:168 Resp: 180643

Ion Ratio Lower Upper

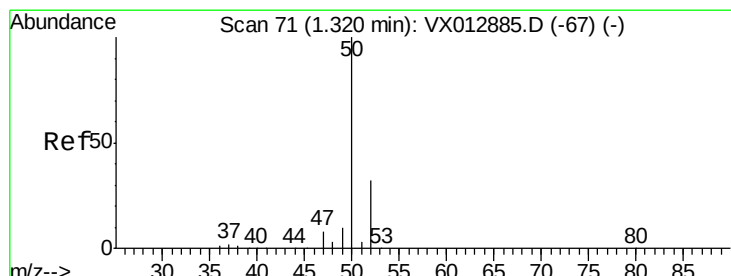
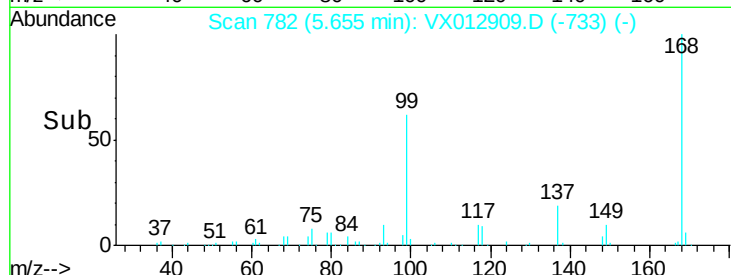
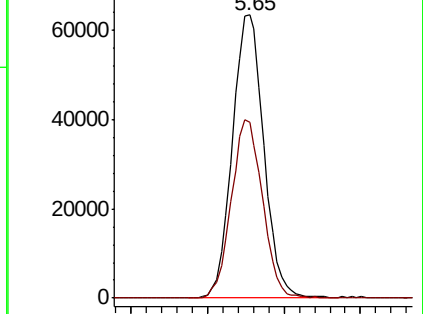
168 100

99 62.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.762 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012909.D

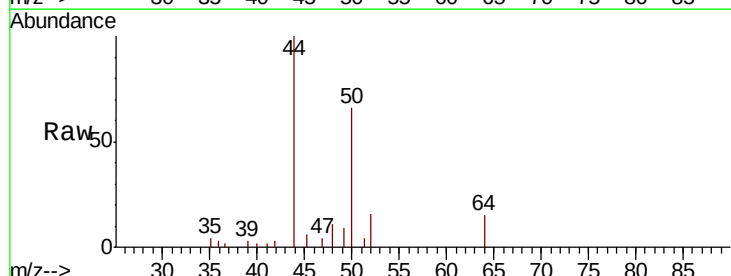
Acq: 09 Oct 2019 00:02

Tgt Ion: 50 Resp: 1526

Ion Ratio Lower Upper

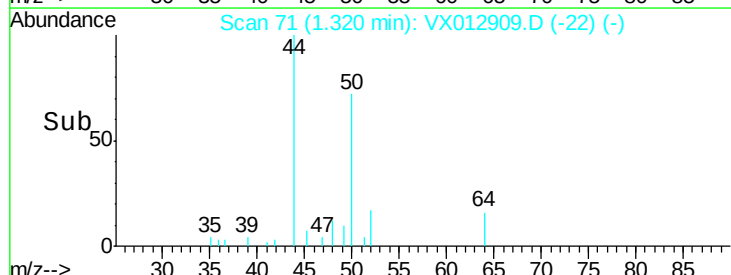
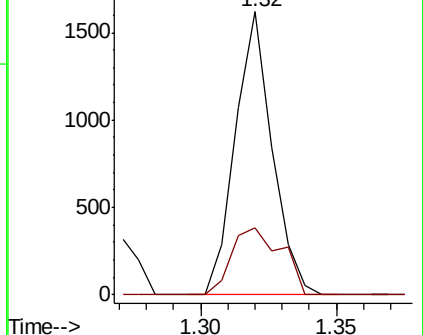
50 100

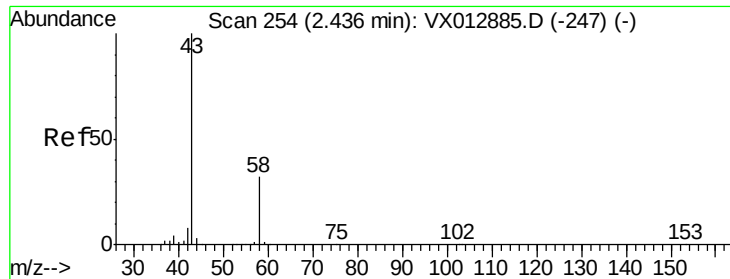
52 23.8 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 6.422 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012909.D

Acq: 09 Oct 2019 00:02

Instrument :

MSVOA_X

ClientSampleId :

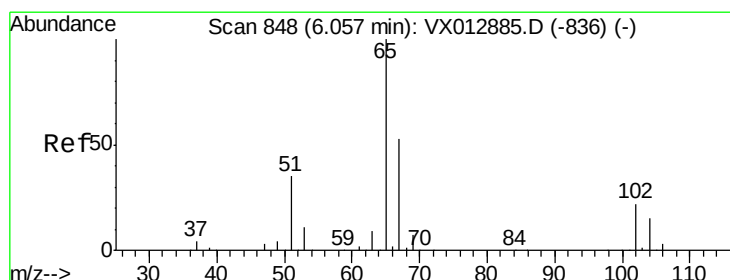
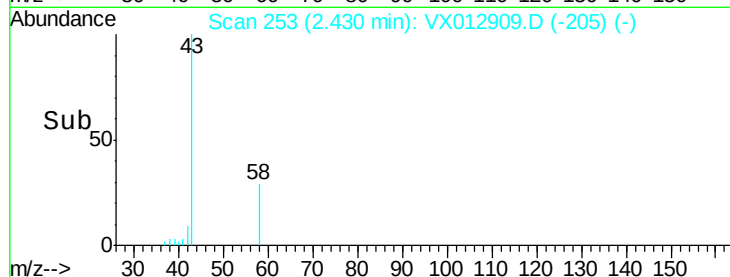
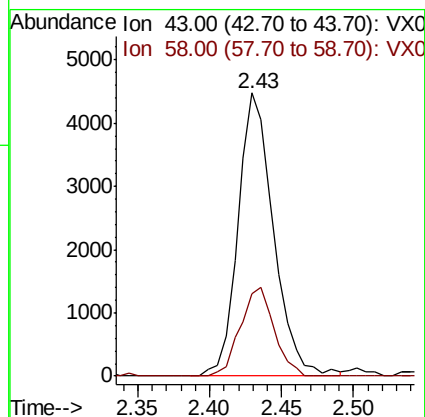
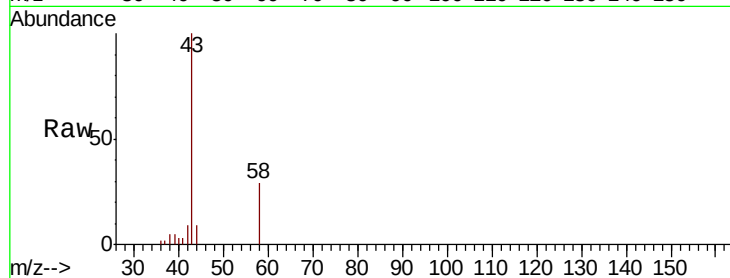
FC-MW09I1-20191002

Tot Ion: 43 Resp: 7643

Ion Ratio Lower Upper

43 100

58 29.1 25.4 38.2



#33

1,2-Dichloroethane-d4

Concen: 52.021 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX012909.D

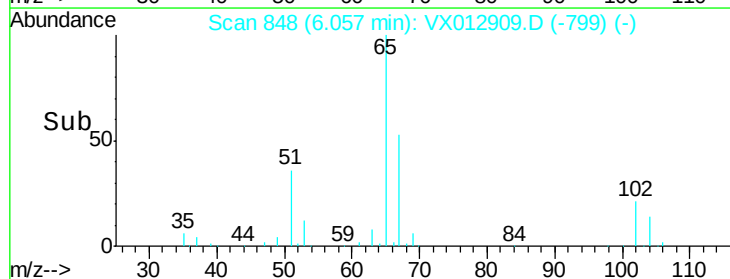
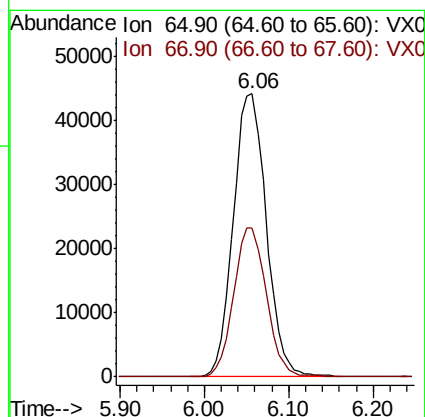
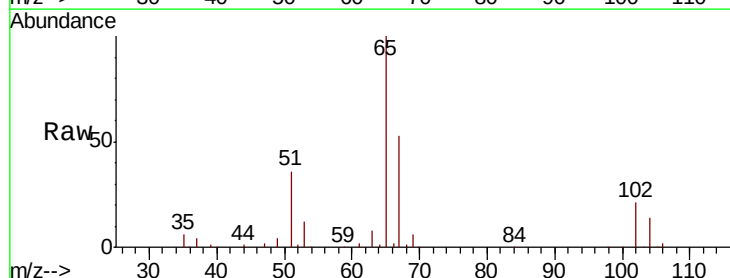
Acq: 09 Oct 2019 00:02

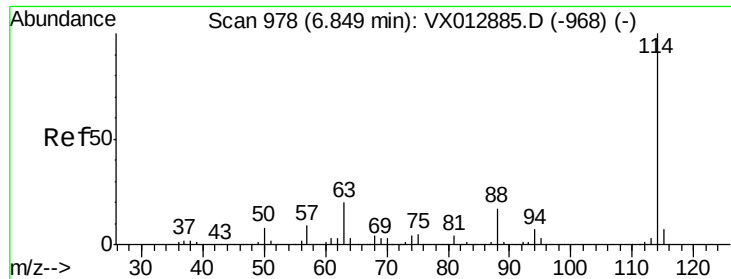
Tgt Ion: 65 Resp: 117454

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4

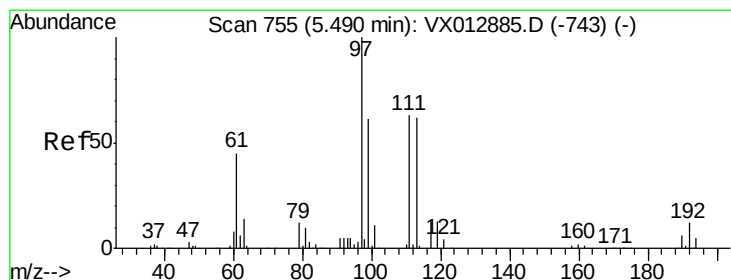
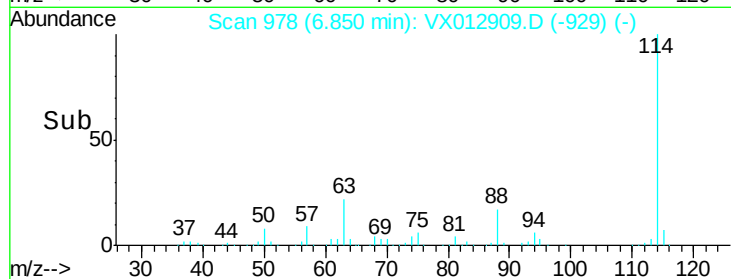
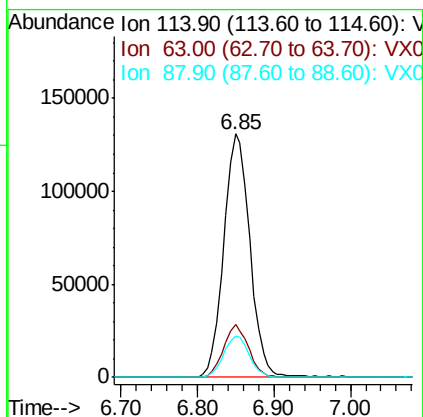
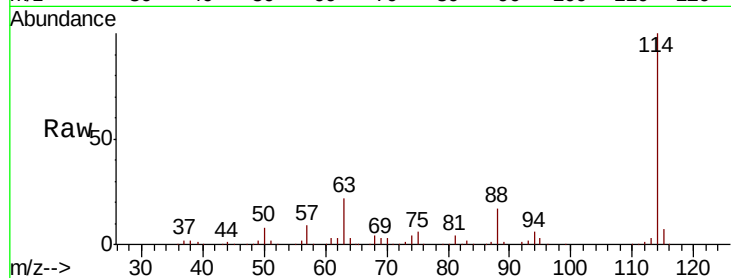




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012909.D
 Acq: 09 Oct 2019 00:02

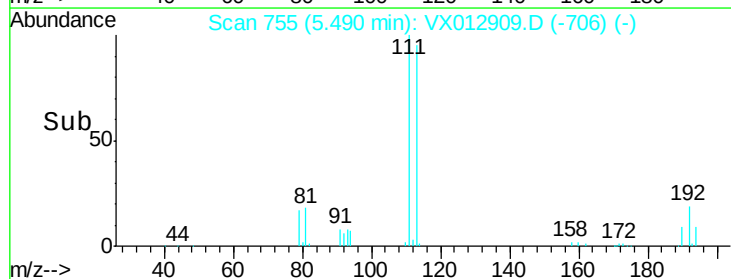
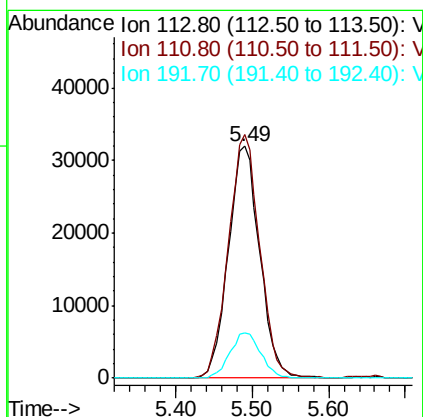
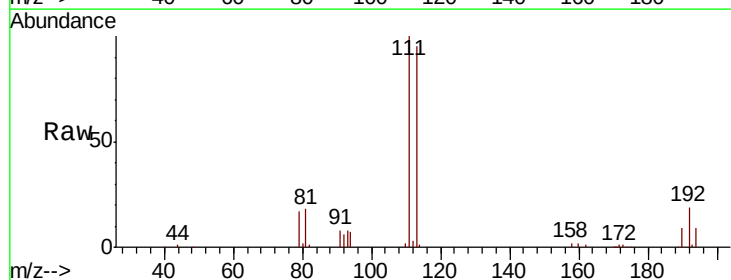
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW09I1-20191002

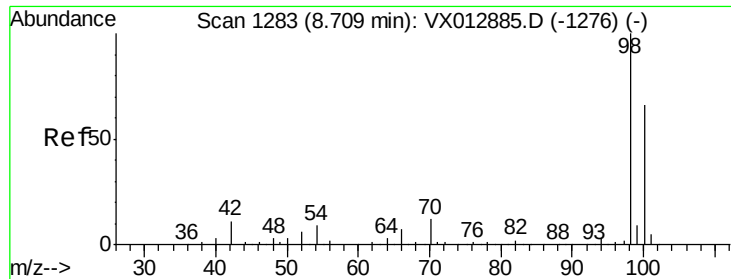
Tot Ion:114 Resp: 309003
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 17.1 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 51.154 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012909.D
 Acq: 09 Oct 2019 00:02

Tgt Ion:113 Resp: 90723
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.2 124.8
 192 19.3 15.4 23.2





#50

Toluene-d8

Concen: 51.922 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012909.D

Acq: 09 Oct 2019 00:02

Instrument :

MSVOA_X

ClientSampleId :

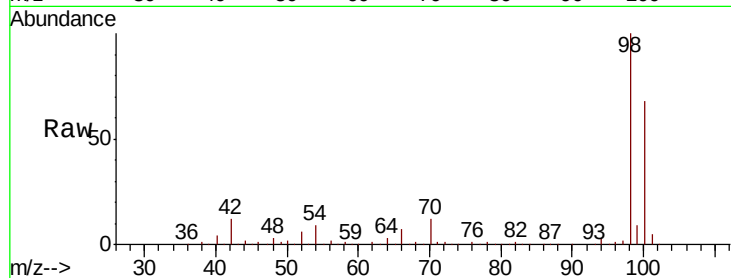
FC-MW09I1-20191002

Tot Ion: 98 Resp: 359154

Ion Ratio Lower Upper

98 100

100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

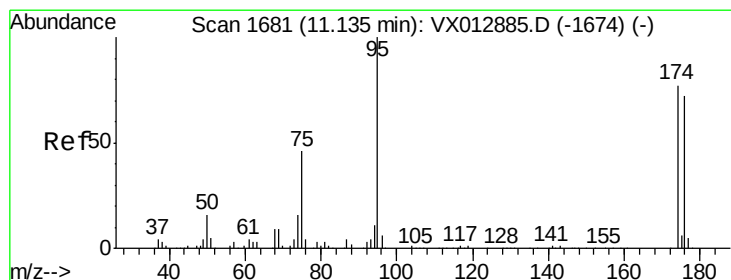
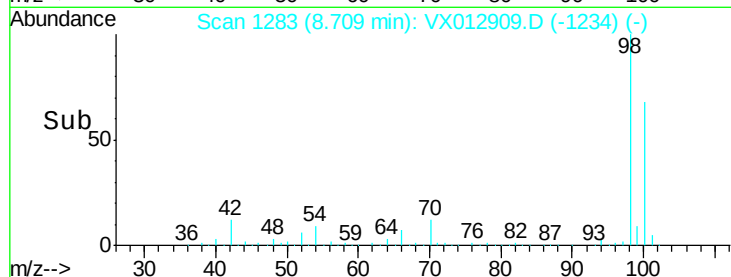
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.703 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012909.D

Acq: 09 Oct 2019 00:02

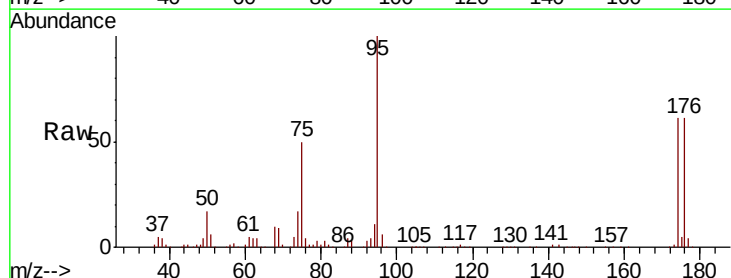
Tgt Ion: 95 Resp: 125525

Ion Ratio Lower Upper

95 100

174 70.2 0.0 143.4

176 68.4 0.0 136.0



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

120000

100000

80000

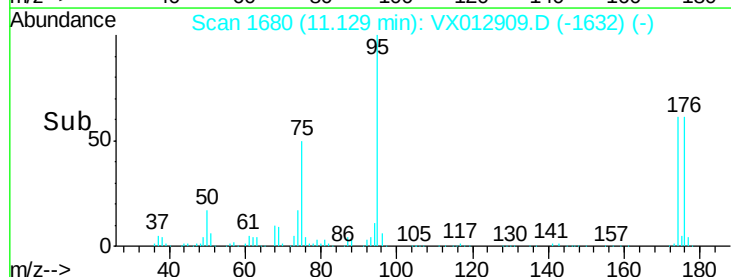
60000

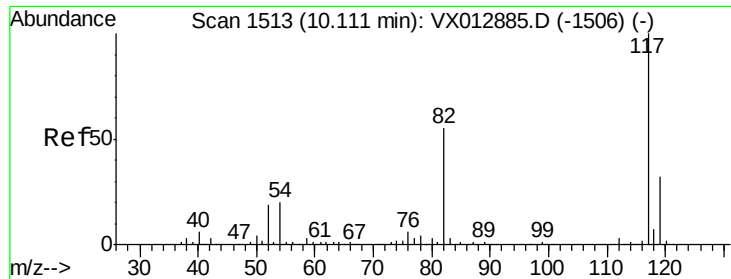
40000

20000

0

Time--> 11.10 11.20

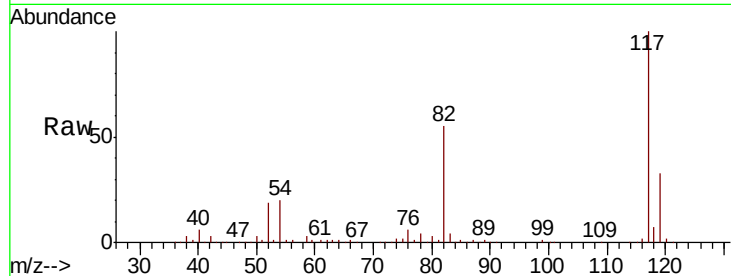




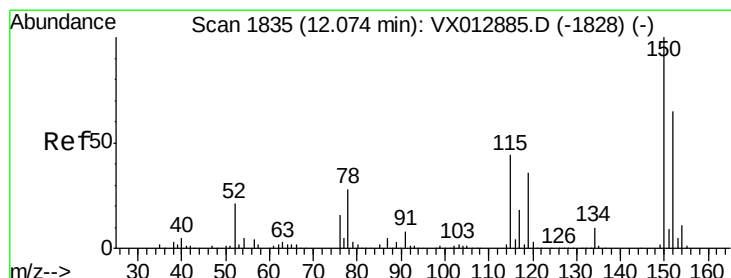
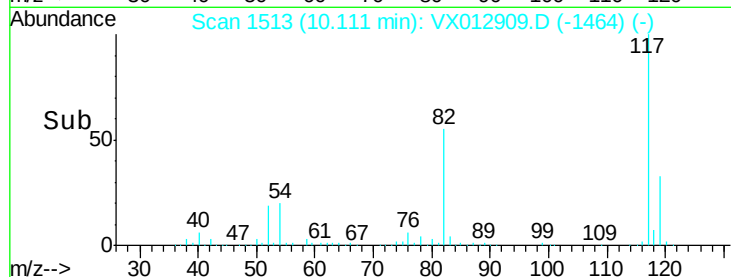
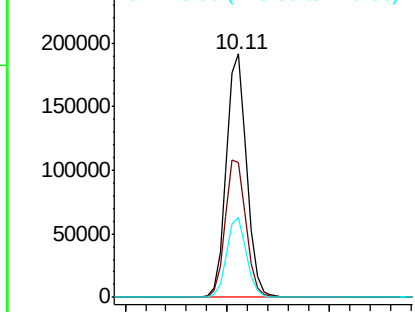
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012909.D
Acq: 09 Oct 2019 00:02

Instrument :
MSVOA_X
ClientSampleId :
FC-MW09I1-20191002

Tot Ion:117 Resp: 261628
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.5 25.8 38.8

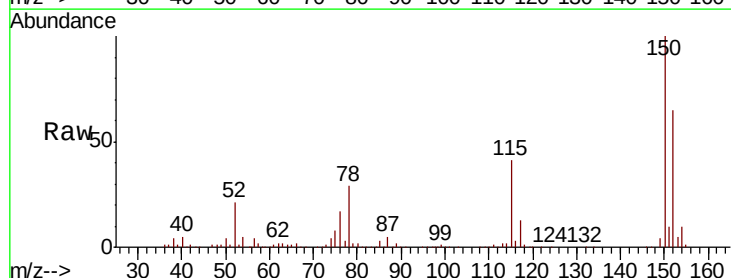


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

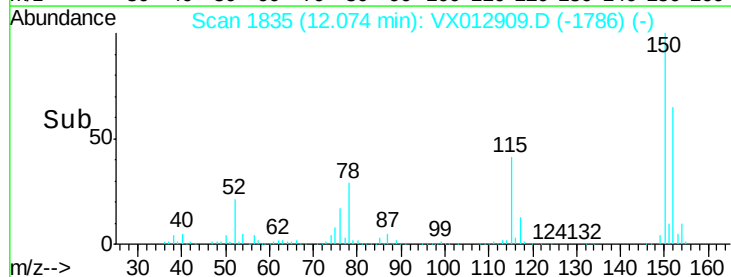
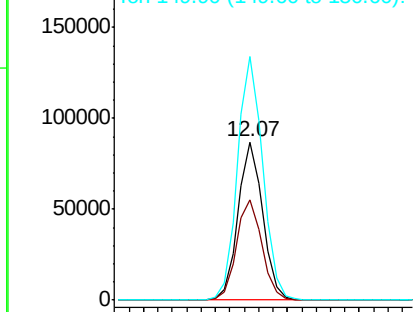


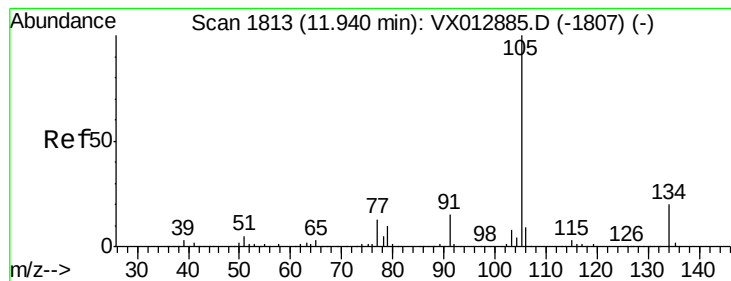
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012909.D
Acq: 09 Oct 2019 00:02

Tgt Ion:152 Resp: 103857
Ion Ratio Lower Upper
152 100
115 65.3 44.5 133.5
150 157.9 0.0 353.4



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





#85
 sec-Butylbenzene
 Concen: 0.507 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012909.D
 Acq: 09 Oct 2019 00:02

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW0911-20191002

Tot Ion:105 Resp: 3652
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0

