

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009707.D
 Acq On : 18 May 2019 10:10
 Operator : JC/SP
 Sample : K2901-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15A_R2

Quant Time: May 20 04:43:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

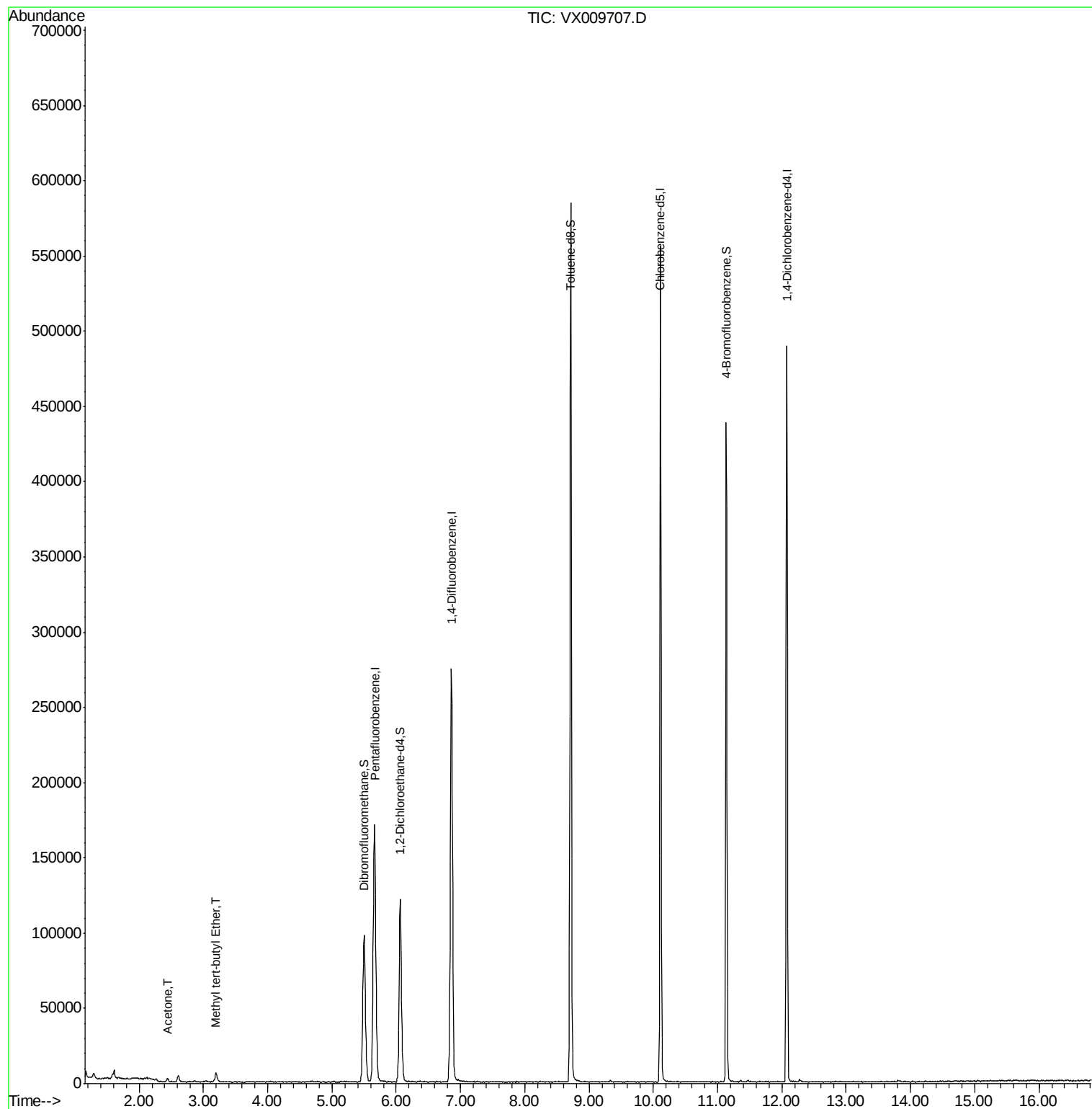
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113313	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	5.50	113	82247	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	338168	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	111487	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	2.44	43	2408	1.965	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	6213	1.020	ug/l #	81

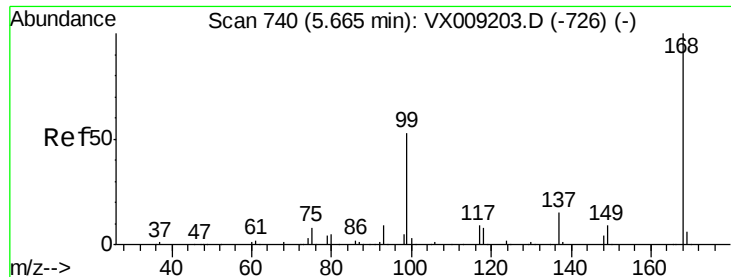
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009707.D

Acq: 18 May 2019 10:10

Instrument :

MSVOA_X

ClientSampleId :

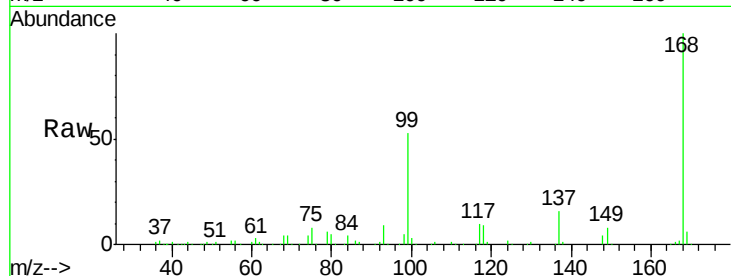
MW-15A_R2

Tot Ion:168 Resp: 167152

Ion Ratio Lower Upper

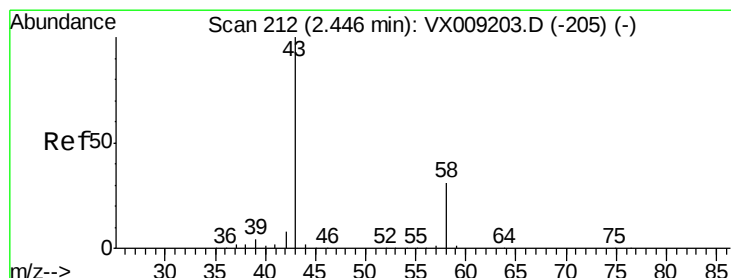
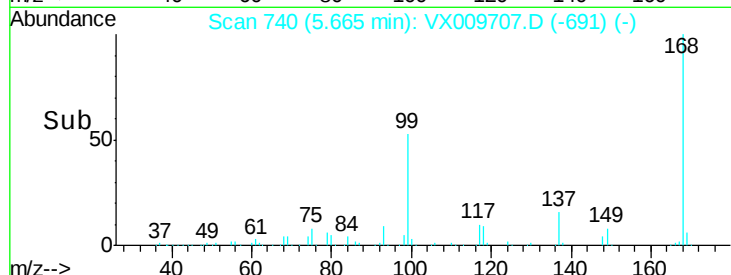
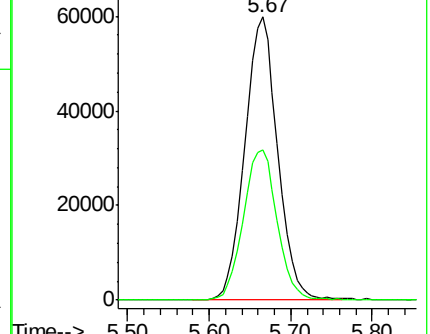
168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.965 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009707.D

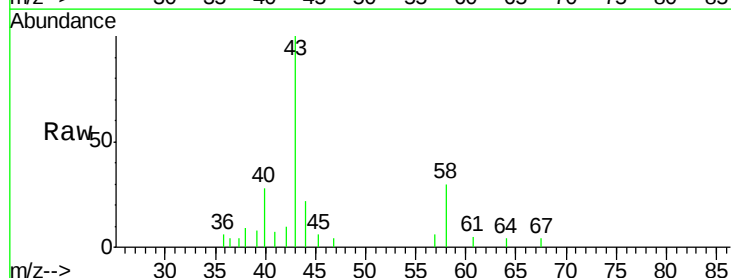
Acq: 18 May 2019 10:10

Tgt Ion: 43 Resp: 2408

Ion Ratio Lower Upper

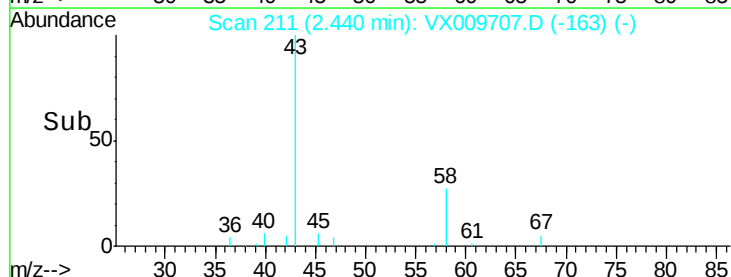
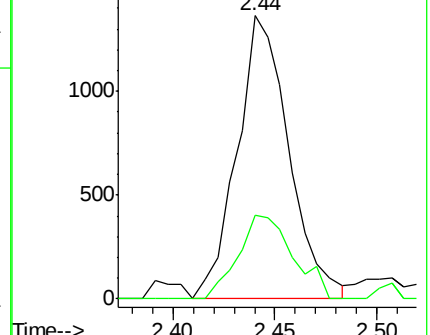
43 100

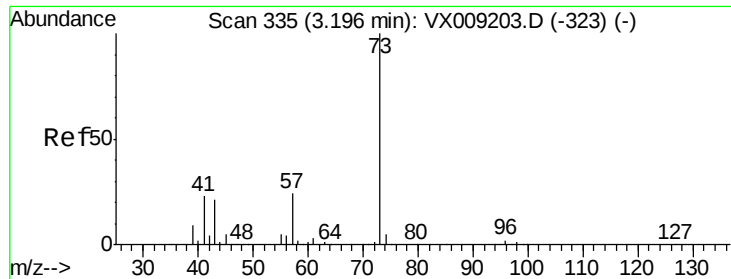
58 29.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

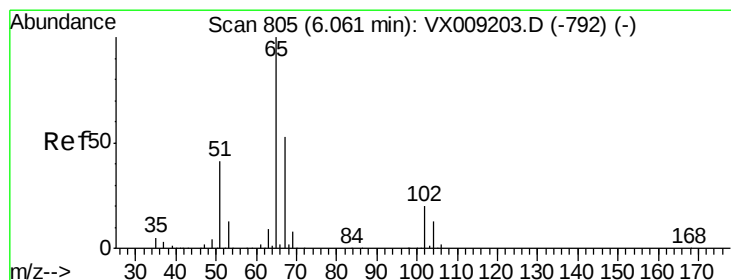
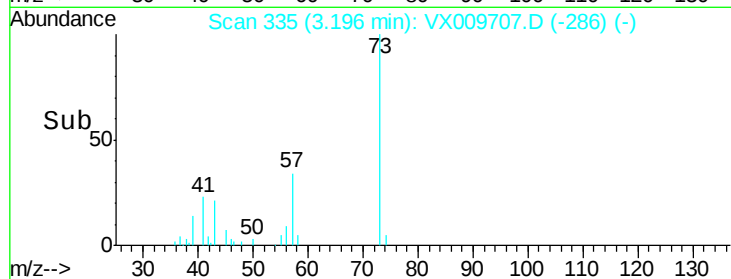
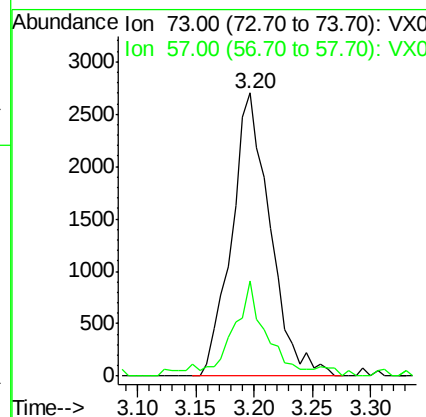
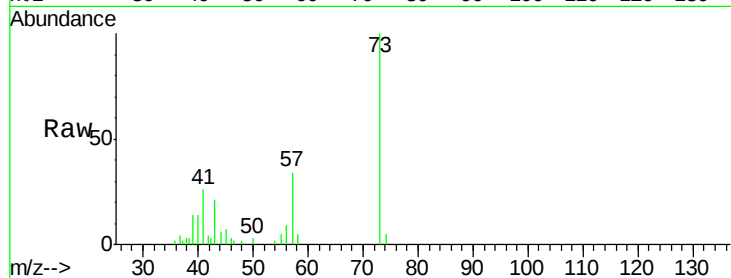




#19
Methvl tert-butvl Ether
Concen: 1.020 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009707.D
Acq: 18 May 2019 10:10

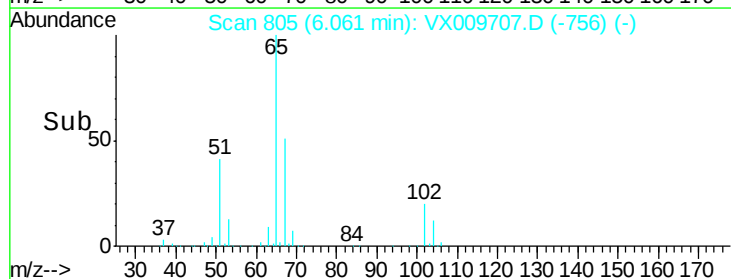
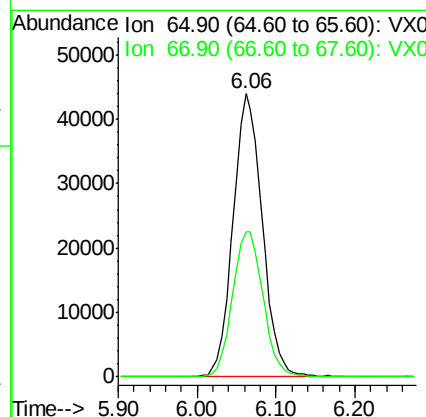
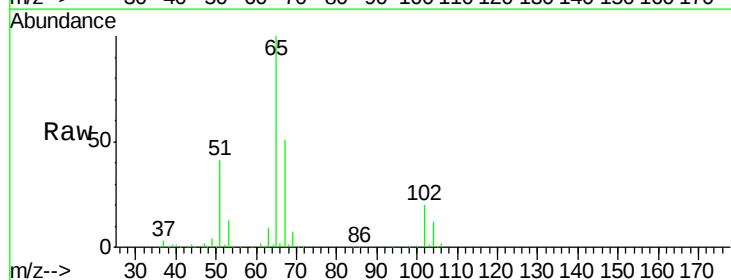
Instrument :
MSVOA_X
ClientSampleId :
MW-15A_R2

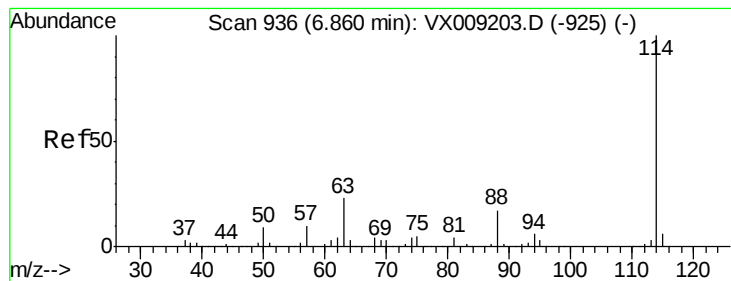
Tot Ion: 73 Resp: 6213
Ion Ratio Lower Upper
73 100
57 33.7 19.3 28.9#



#33
1,2-Dichloroethane-d4
Concen: 49.659 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009707.D
Acq: 18 May 2019 10:10

Tgt Ion: 65 Resp: 113313
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009707.D

Acq: 18 May 2019 10:10

Instrument :

MSVOA_X

ClientSampled :

MW-15A_R2

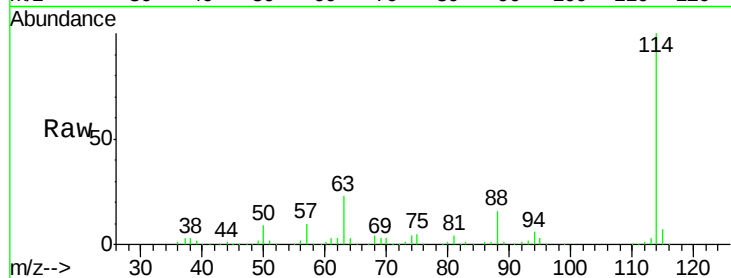
Tot Ion:114 Resp: 269942

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

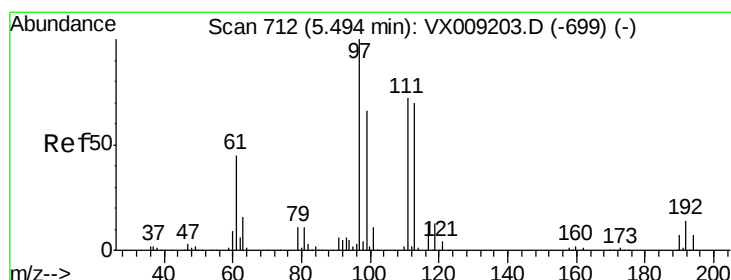
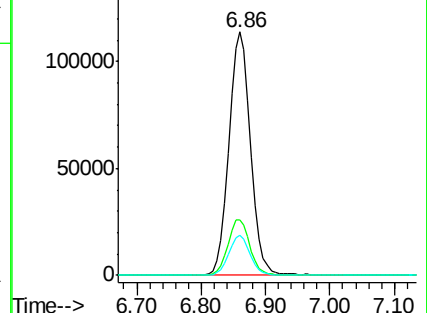
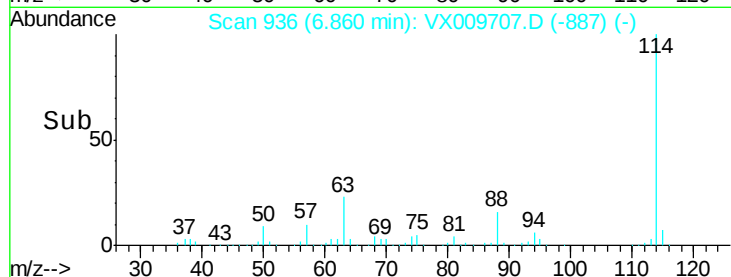
88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.467 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009707.D

Acq: 18 May 2019 10:10

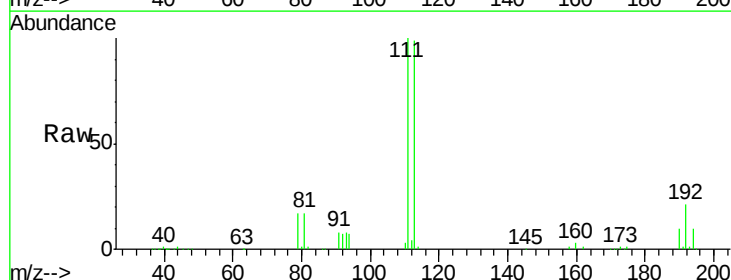
Tgt Ion:113 Resp: 82247

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

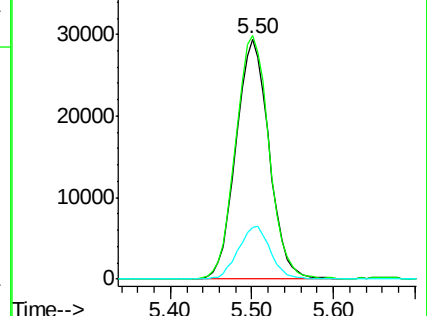
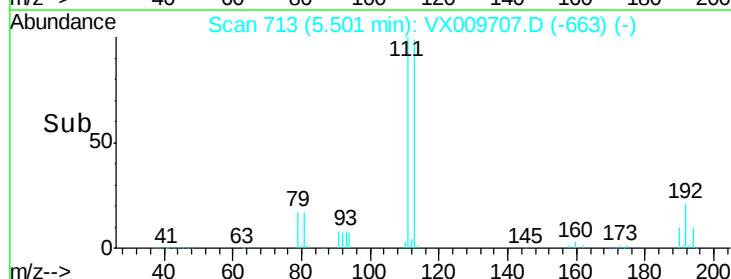
192 21.5 17.0 25.6

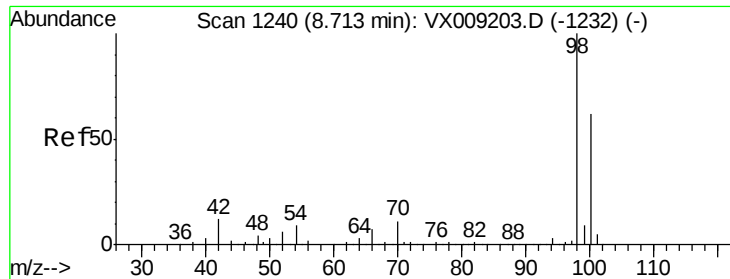


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.360 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009707.D

Acq: 18 May 2019 10:10

Instrument :

MSVOA_X

ClientSampleId :

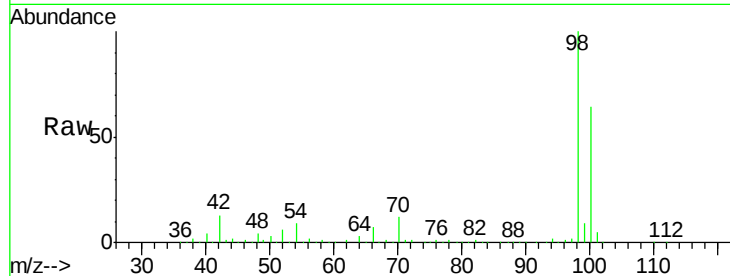
MW-15A_R2

Tot Ion: 98 Resp: 338168

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

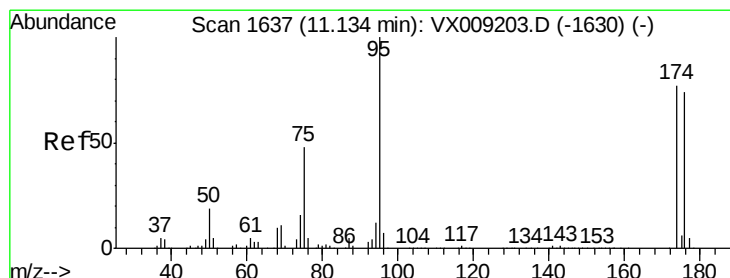
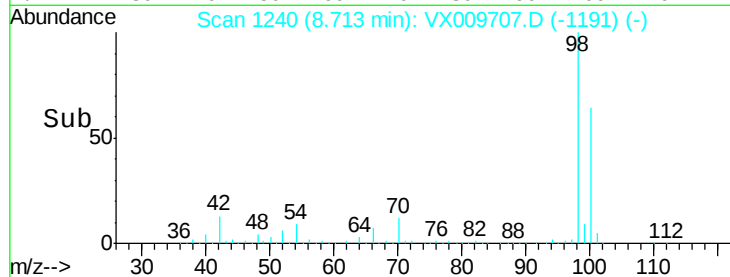
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.784 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009707.D

Acq: 18 May 2019 10:10

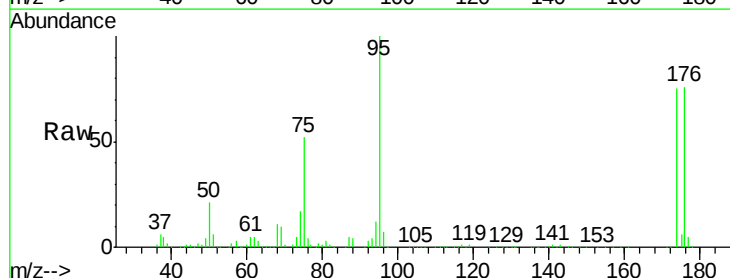
Tgt Ion: 95 Resp: 111487

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

176 80.5 0.0 159.2



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

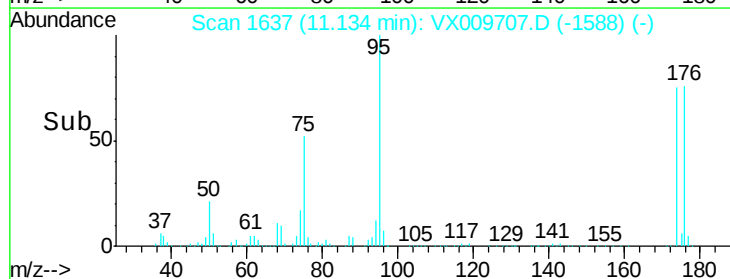
60000

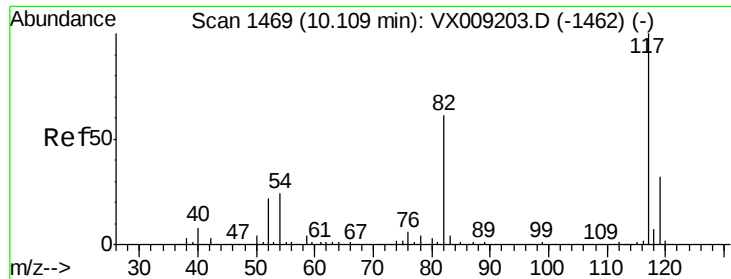
40000

20000

0

Time--> 11.10 11.20

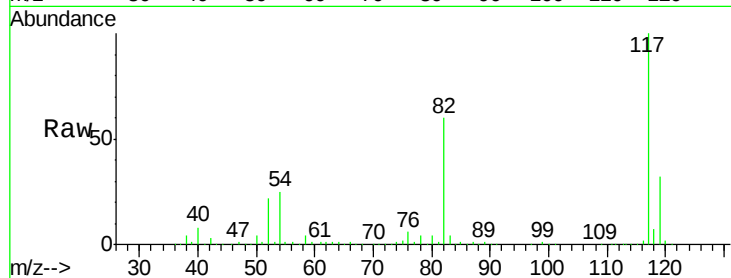




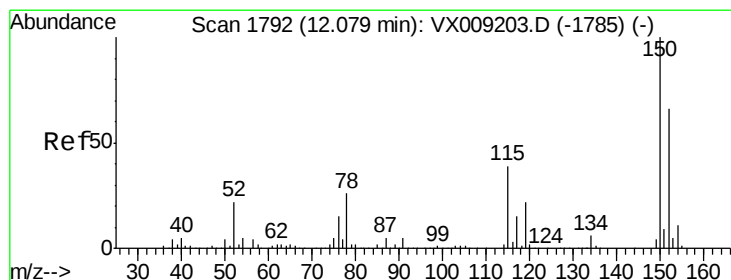
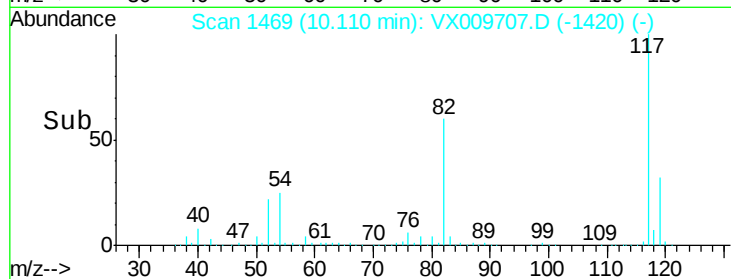
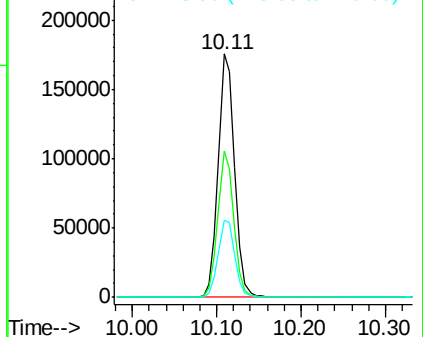
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009707.D
Acq: 18 May 2019 10:10

Instrument :
MSVOA_X
ClientSampleId :
MW-15A_R2

Tot Ion:117 Resp: 237636
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 31.7 25.8 38.6

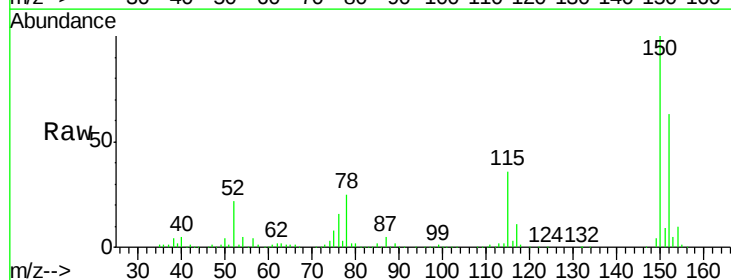


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009707.D
Acq: 18 May 2019 10:10

Tgt Ion:152 Resp: 102309
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 156.6 0.0 346.4



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

