

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004708.D
 Acq On : 15 Aug 2018 21:10
 Operator : SY/AP
 Sample : J4471-13
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Aug 16 05:29:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

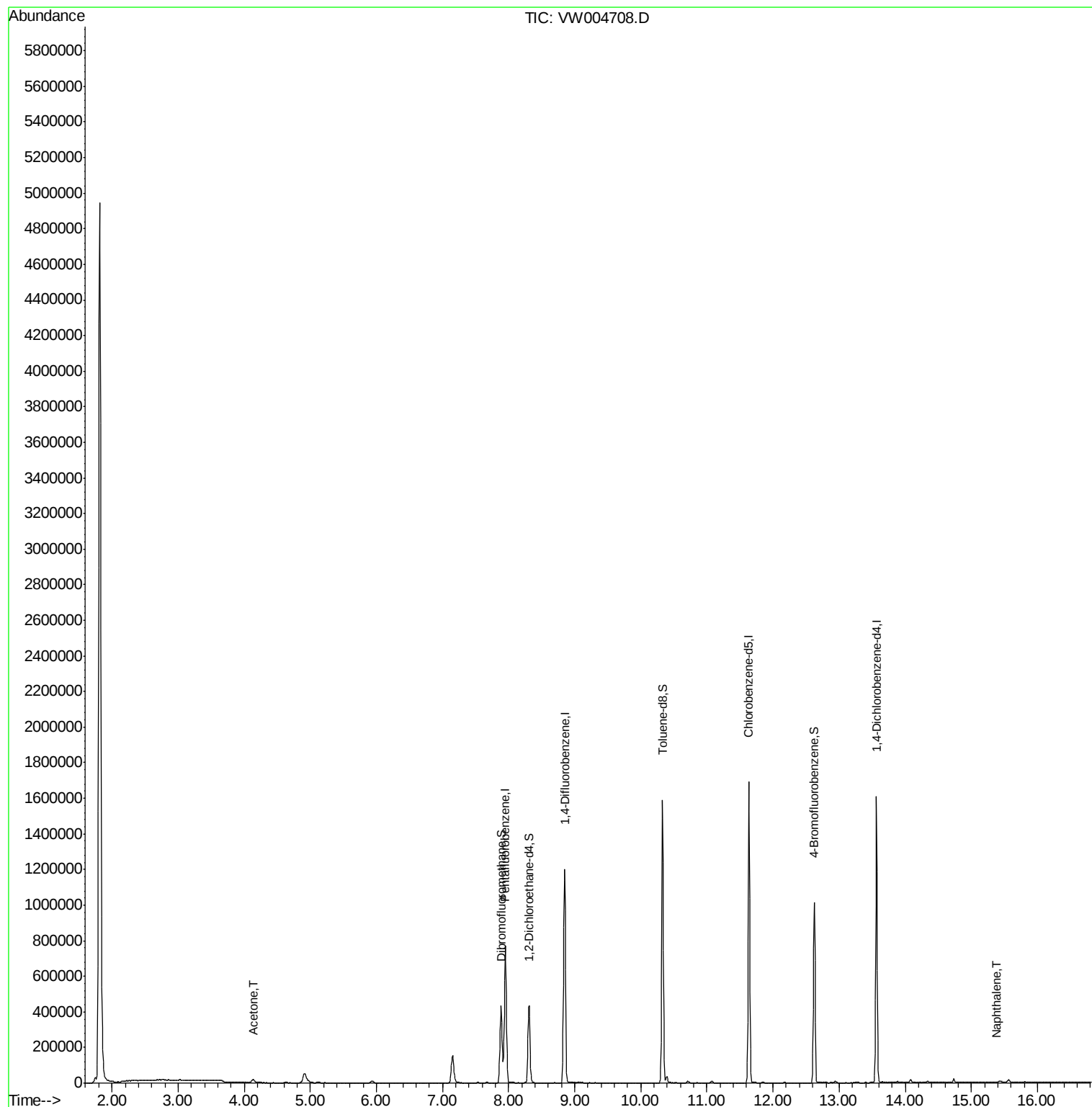
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	588156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1013560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	955964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	428854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	339591	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.89	113	310124	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	10.33	98	1064542	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.64%	
62) 4-Bromofluorobenzene	12.62	95	343361	37.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.00%	
Target Compounds						
16) Acetone	4.14	43	30695	18.88	ug/l	95
95) Naphthalene	15.38	128	1852	3.01	ug/l #	78

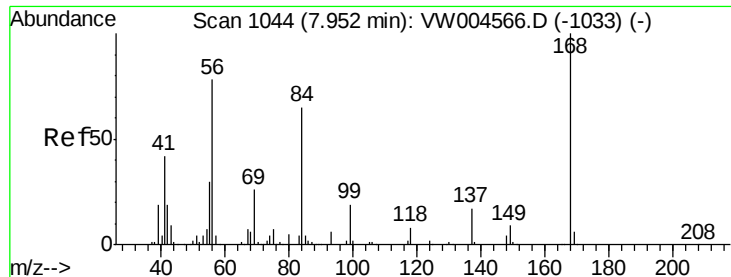
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

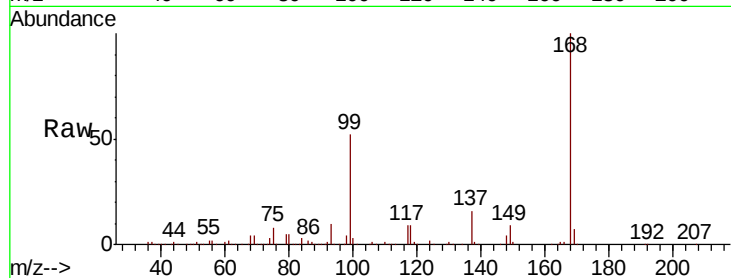
Instrument :
MSVOA_W
ClientSampled :
TP-4

Tot Ion:168 Resp: 588156

Ion Ratio Lower Upper

168 100

99 52.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

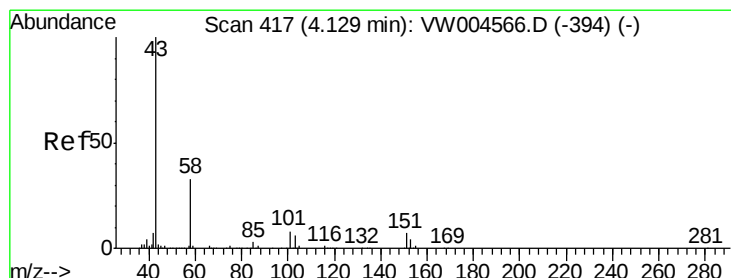
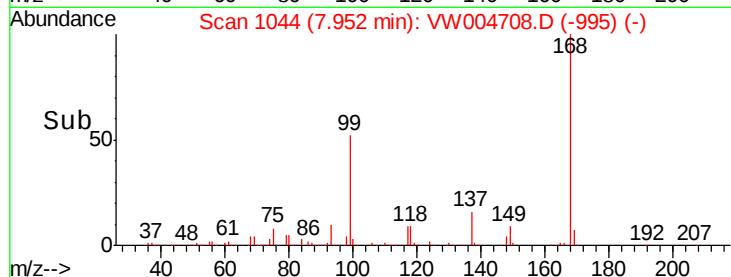
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.88 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004708.D

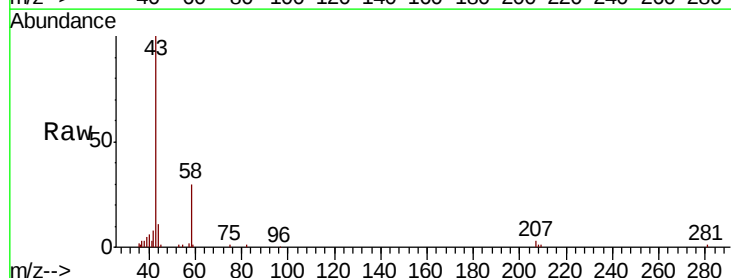
Acq: 15 Aug 2018 21:10

Tgt Ion: 43 Resp: 30695

Ion Ratio Lower Upper

43 100

58 30.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

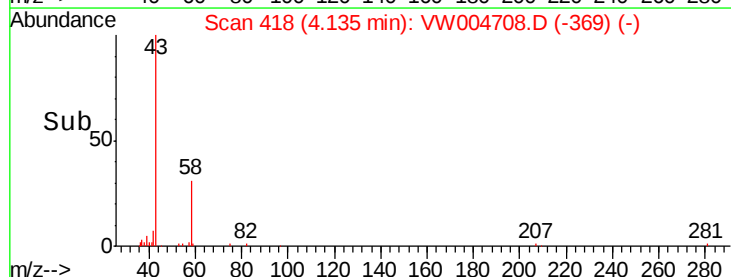
6000

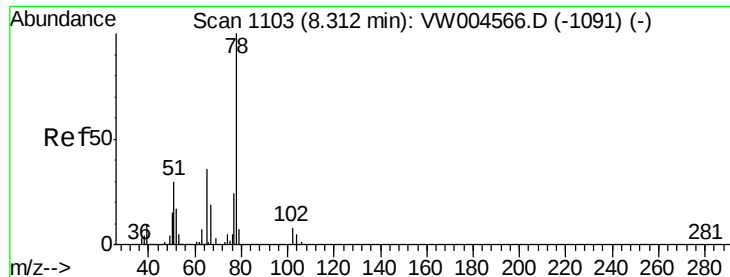
4000

2000

0

Time-->

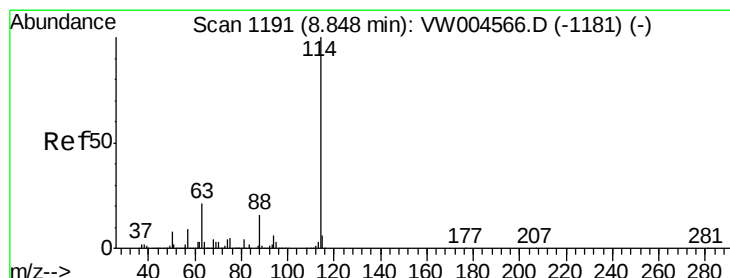
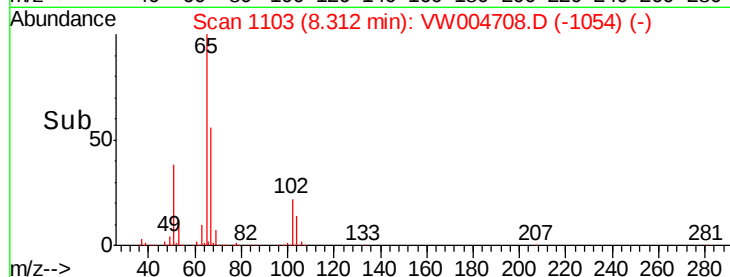
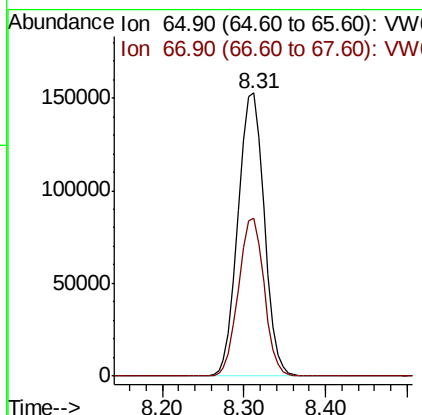
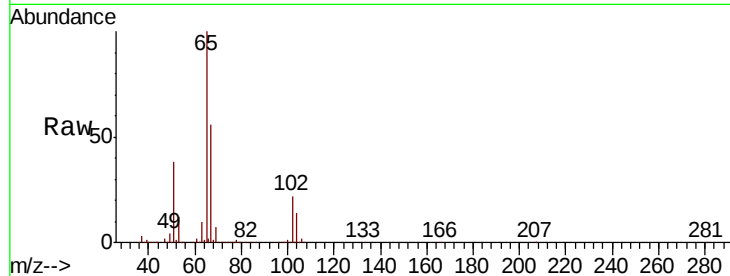




#33
 1,2-Dichloroethane-d4
 Concen: 52.16 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004708.D
 Acq: 15 Aug 2018 21:10

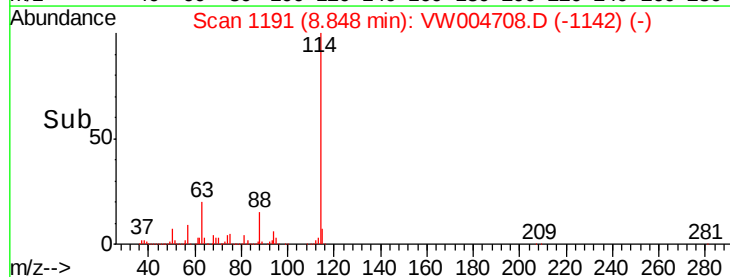
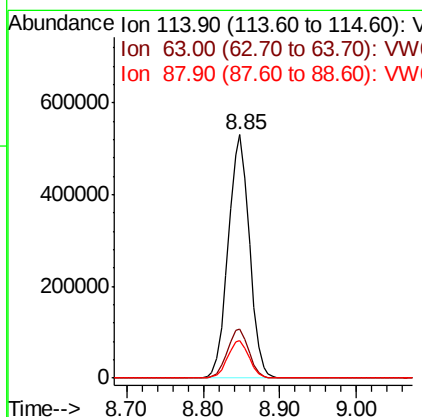
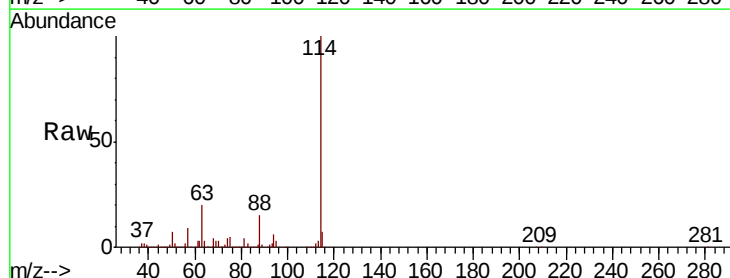
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

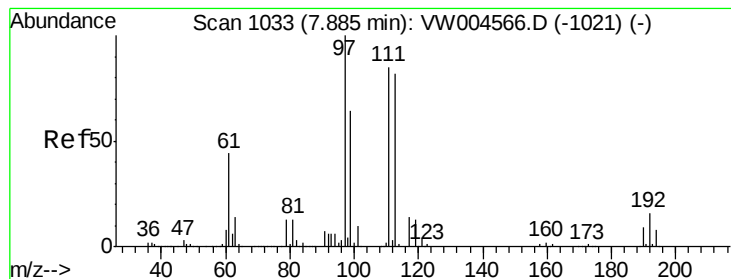
Tot Ion: 65 Resp: 339591
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004708.D
 Acq: 15 Aug 2018 21:10

Tgt Ion: 114 Resp: 1013560
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.89 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

TP-4

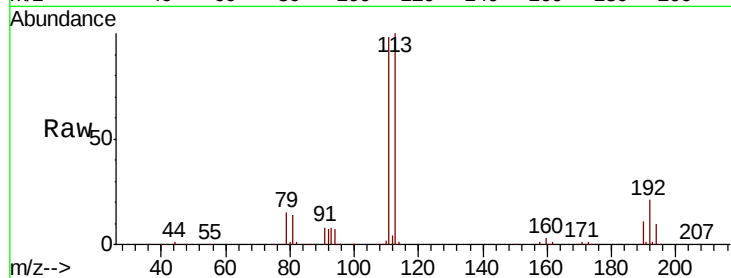
Tot Ion:113 Resp: 310124

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

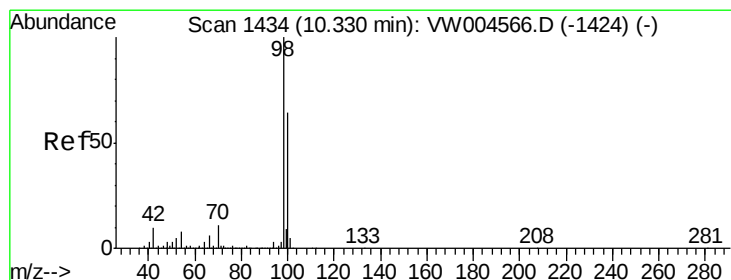
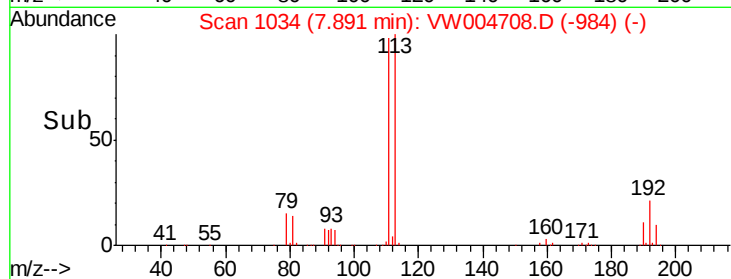
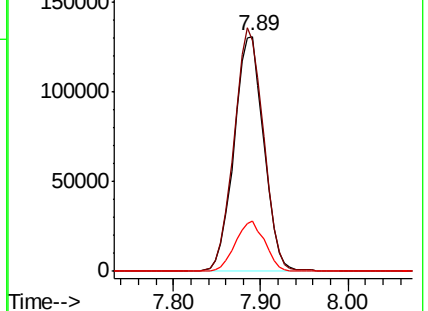
192 21.1 15.8 23.6



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: 41.32 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004708.D

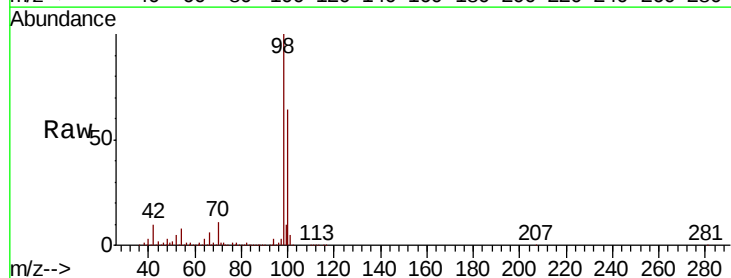
Acq: 15 Aug 2018 21:10

Tgt Ion: 98 Resp: 1064542

Ion Ratio Lower Upper

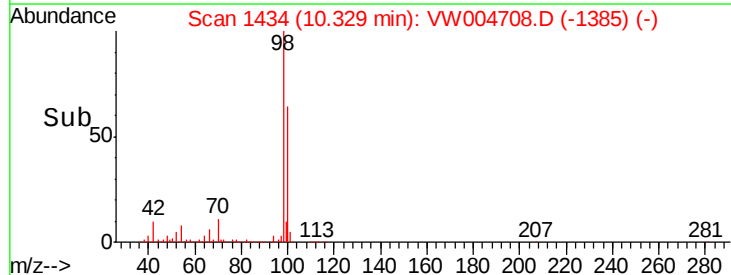
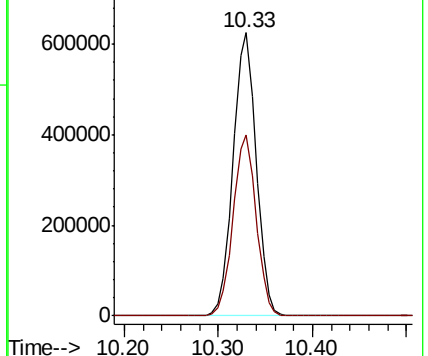
98 100

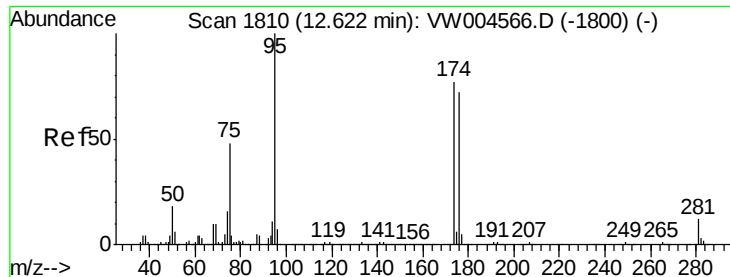
100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

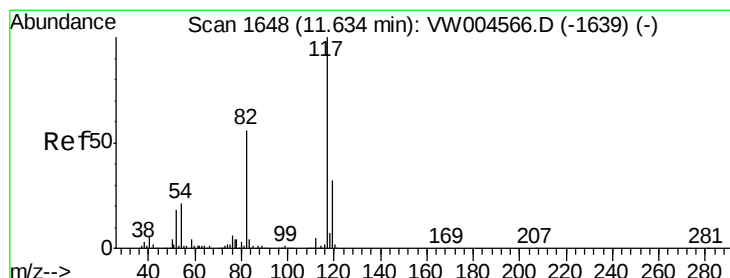
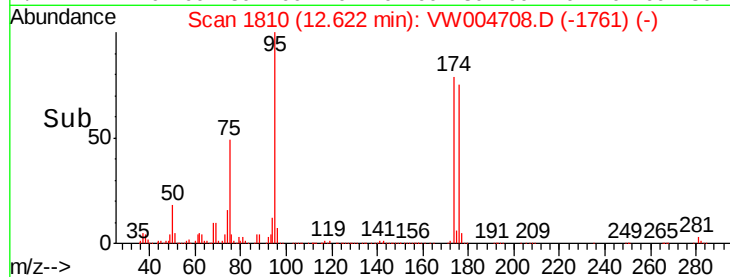
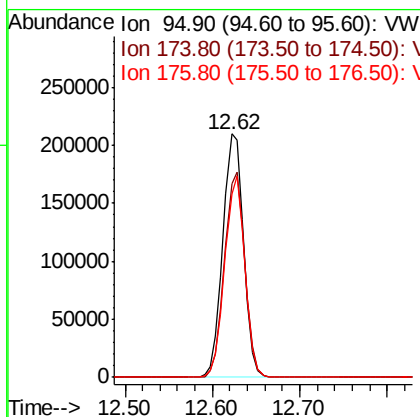
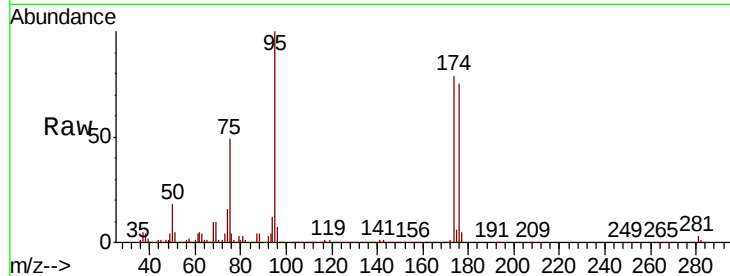




#62
4-Bromofluorobenzene
Concen: 37.00 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004708.D
Acq: 15 Aug 2018 21:10

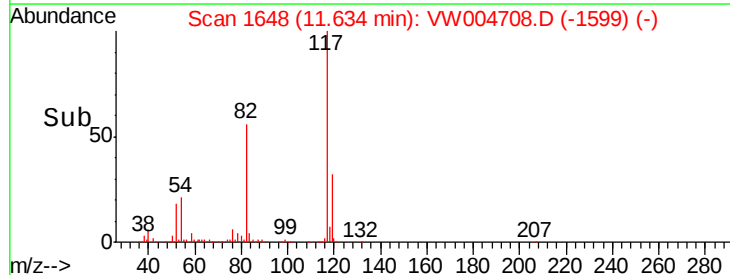
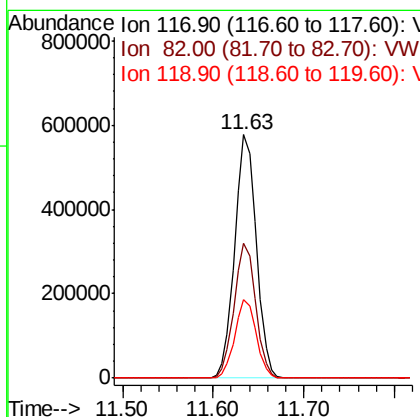
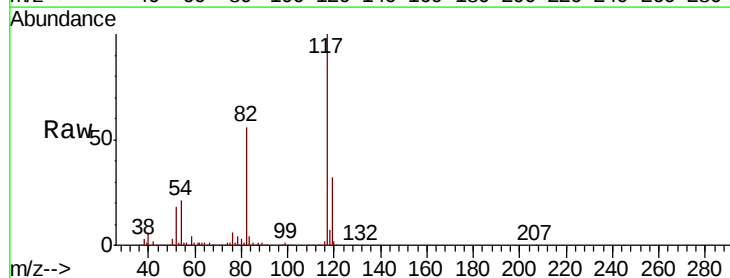
Instrument :
MSVOA_W
ClientSampled :
TP-4

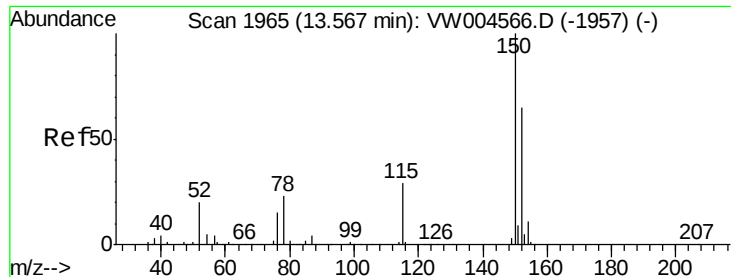
Tot Ion: 95 Resp: 343361
Ion Ratio Lower Upper
95 100
174 83.0 0.0 160.4
176 80.2 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004708.D
Acq: 15 Aug 2018 21:10

Tgt Ion: 117 Resp: 955964
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

TP-4

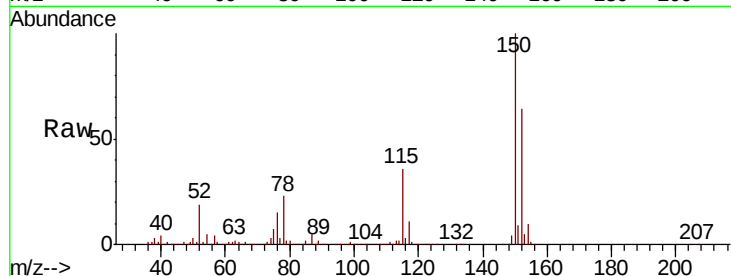
Tot Ion:152 Resp: 428854

Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.3

150 156.1 0.0 349.6

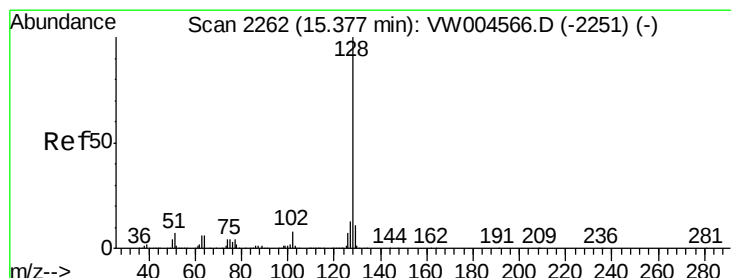
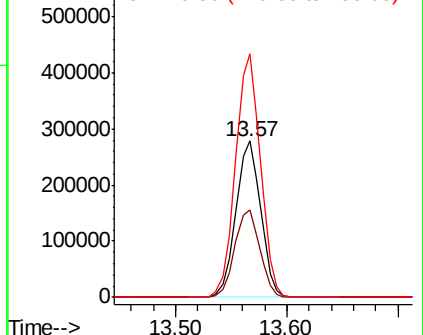
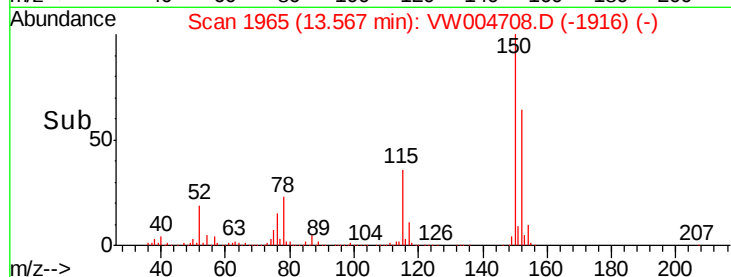


Abundance

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



#95

Naphthalene

Concen: 3.01 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

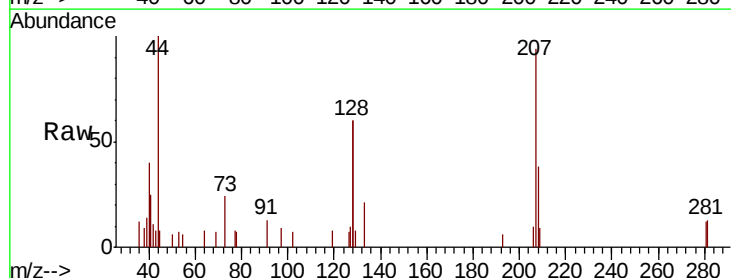
Tgt Ion:128 Resp: 1852

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 7.0 8.6 13.0#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

