

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004774.D
 Acq On : 18 Aug 2018 11:14
 Operator : SY/AP
 Sample : J4521-16
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11990

Quant Time: Aug 20 02:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

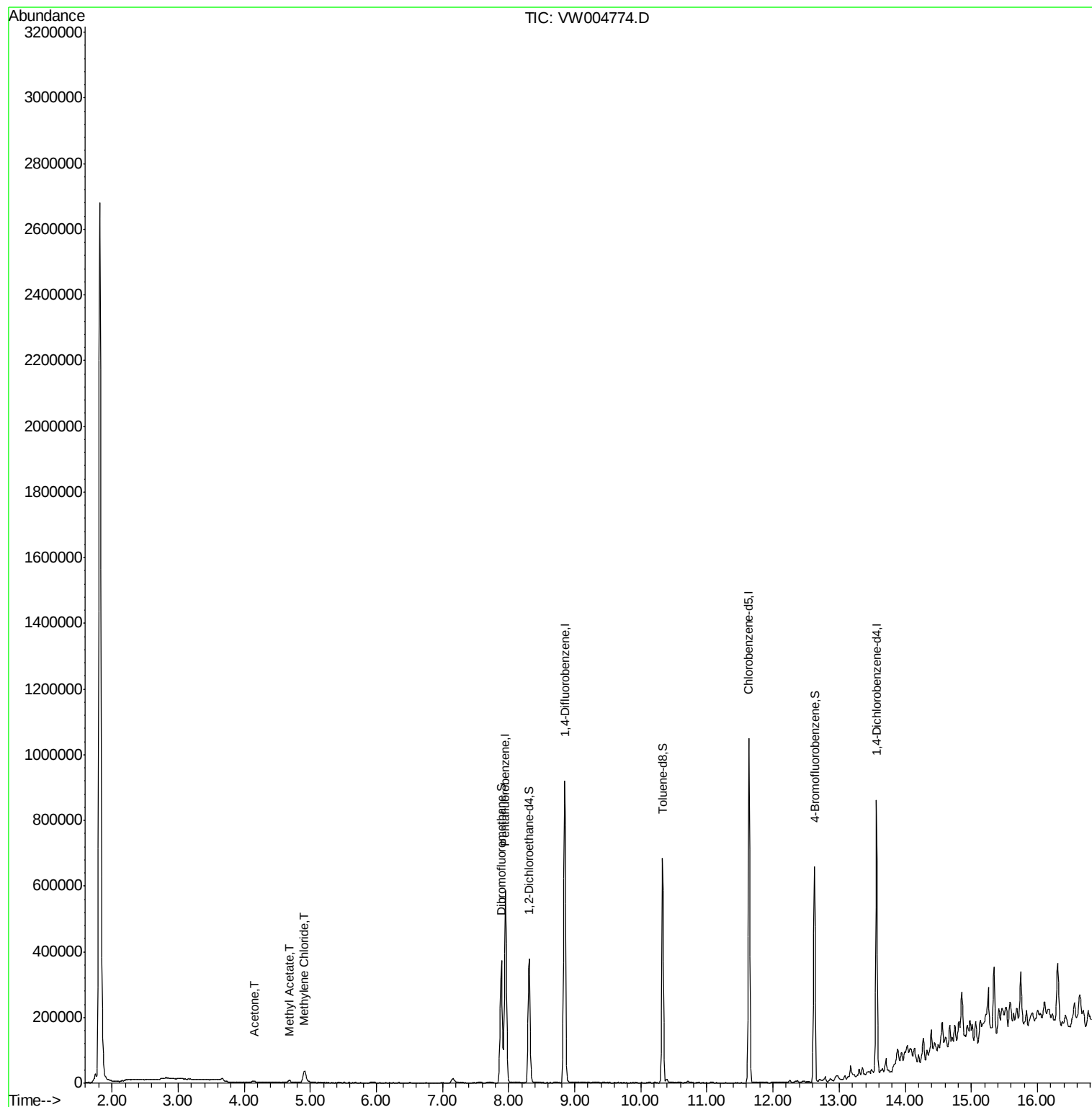
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	444774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	774724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	612003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	229567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	291543	67.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.60%	
35) Dibromofluoromethane	7.89	113	269758	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
50) Toluene-d8	10.33	98	462858	23.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.90%	
62) 4-Bromofluorobenzene	12.63	95	221746	31.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.78%	
Target Compounds						
16) Acetone	4.15	43	10925	9.95	ug/l	90
18) Methyl Acetate	4.68	43	13357	5.68	ug/l	96
20) Methylene Chloride	4.91	84	31972	2.26	ug/l #	93

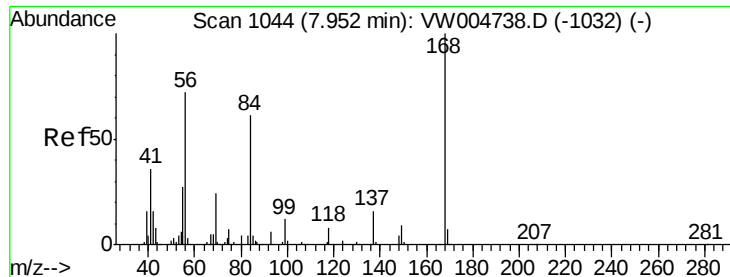
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004774.D

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Instrument :

MSVOA_W

ClientSampleId :

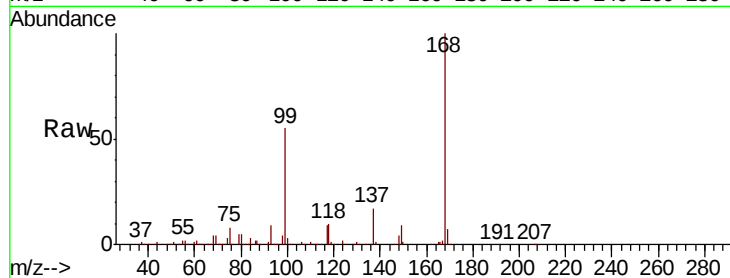
72-11990

Tot Ion:168 Resp: 444774

Ion Ratio Lower Upper

168 100

99 54.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

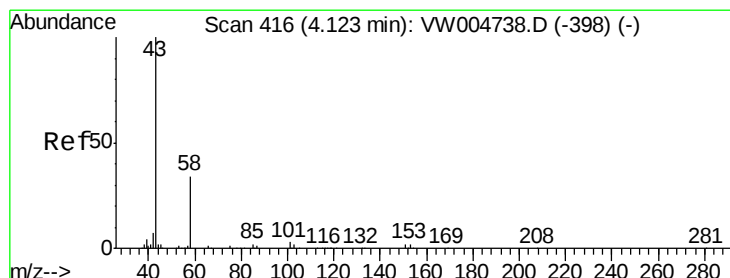
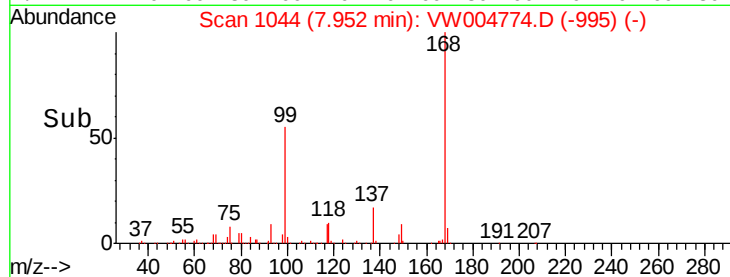
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.95 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004774.D

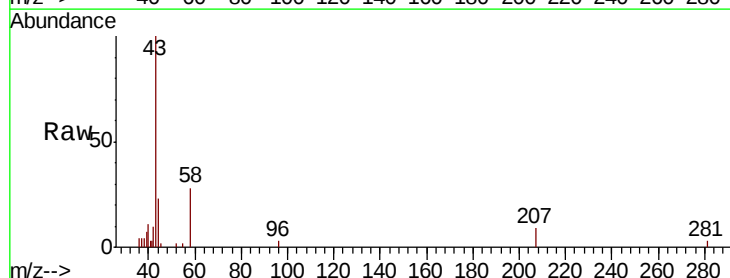
Acq: 18 Aug 2018 11:14

Tgt Ion: 43 Resp: 10925

Ion Ratio Lower Upper

43 100

58 28.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

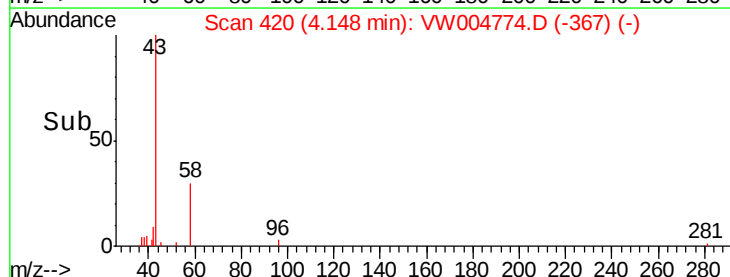
3000

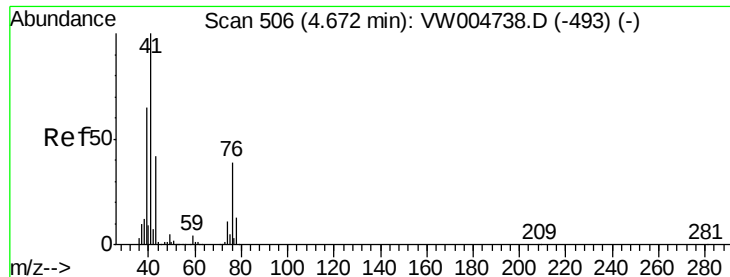
2000

1000

0

Time-->

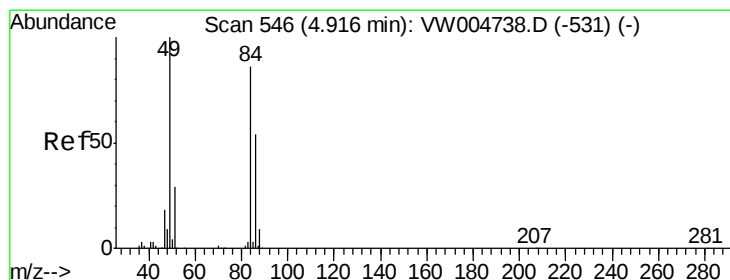
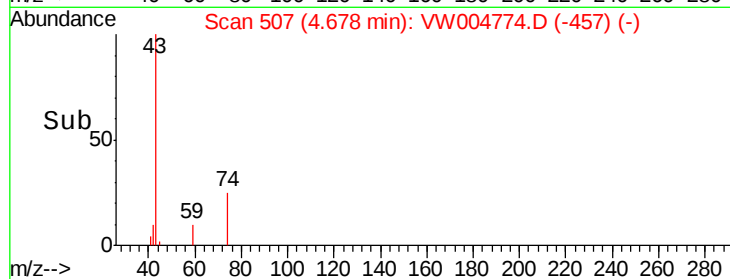
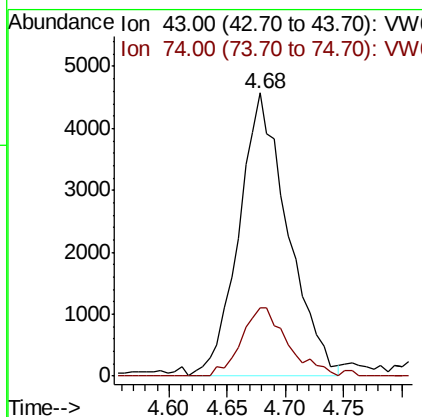
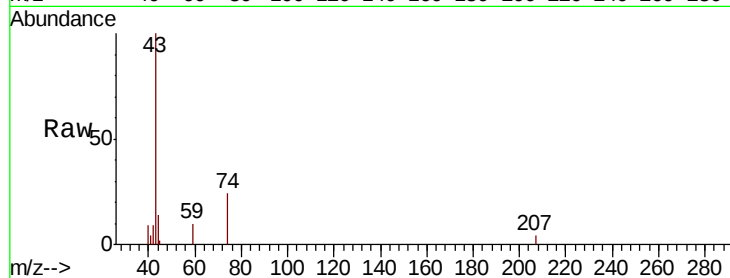




#18
Methyl Acetate
Concen: 5.68 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004774.D
Acq: 18 Aug 2018 11:14

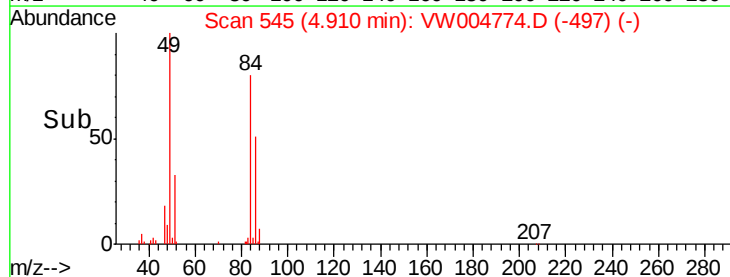
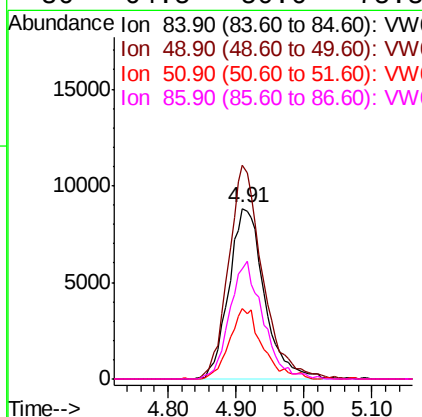
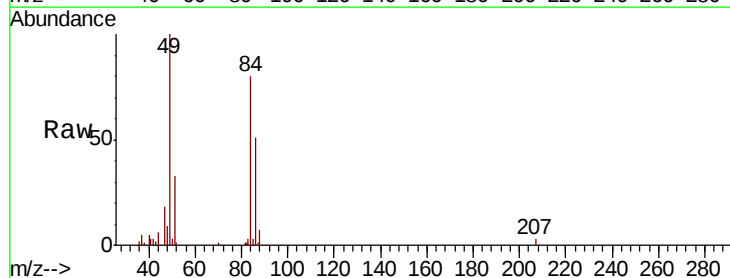
Instrument :
MSVOA_W
ClientSampleId :
72-11990

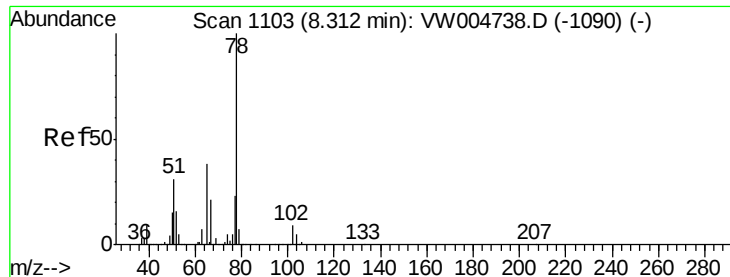
Tot Ion: 43 Resp: 13357
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.8



#20
Methylene Chloride
Concen: 2.26 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004774.D
Acq: 18 Aug 2018 11:14

Tgt Ion: 84 Resp: 31972
Ion Ratio Lower Upper
84 100
49 125.3 93.2 139.8
51 41.2 27.4 41.0#
86 64.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 67.80 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004774.D

Acq: 18 Aug 2018 11:14

Instrument :

MSVOA_W

ClientSampled :

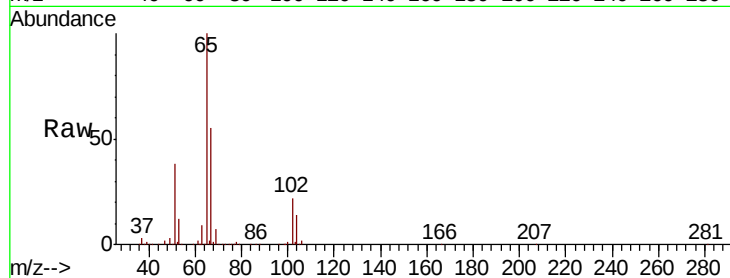
72-11990

Tot Ion: 65 Resp: 291543

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

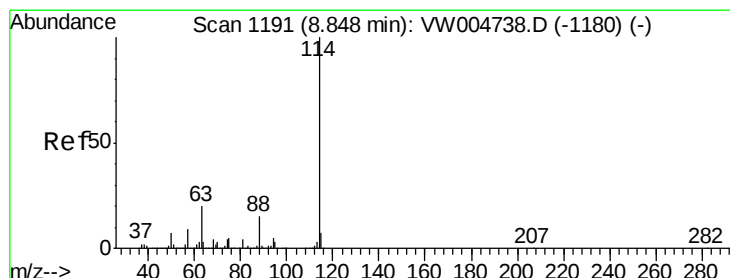
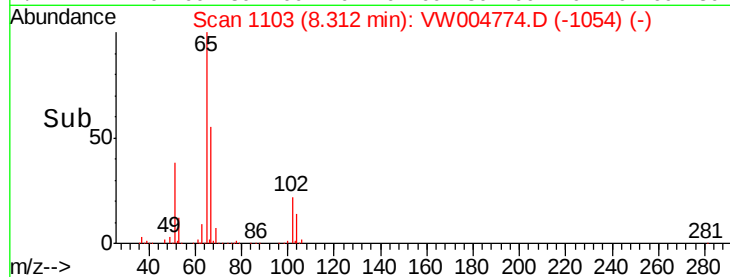
100000

50000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004774.D

Acq: 18 Aug 2018 11:14

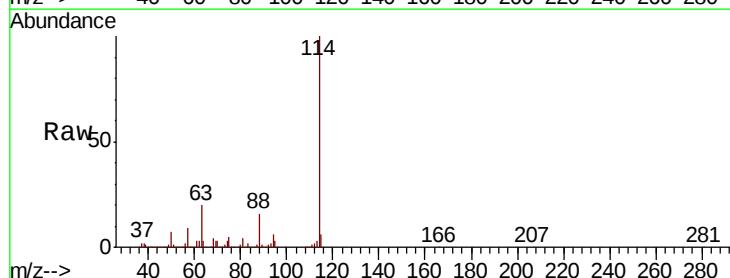
Tgt Ion: 114 Resp: 774724

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

88 16.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.85

500000

400000

300000

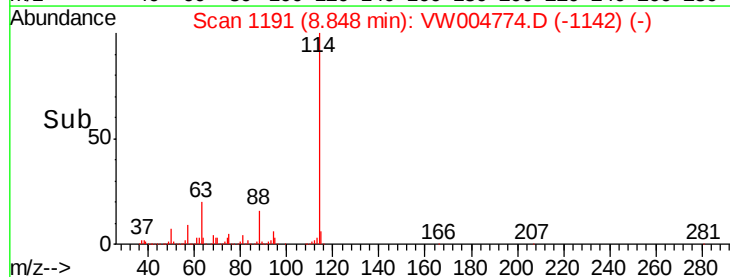
200000

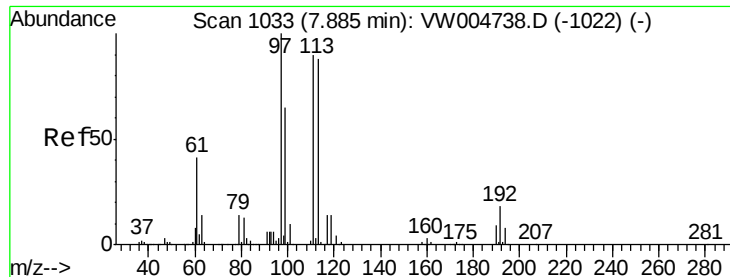
100000

0

8.70 8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 54.48 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004774.D

Acq: 18 Aug 2018 11:14

Instrument :

MSVOA_W

ClientSampleId :

72-11990

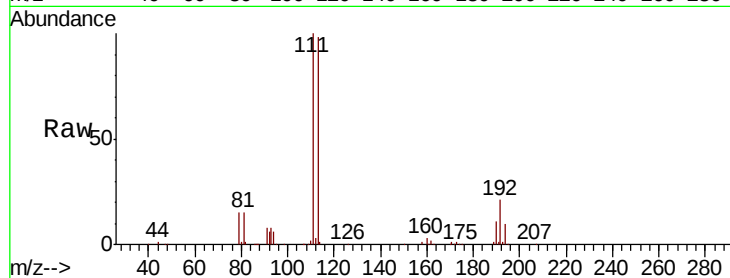
Tot Ion:113 Resp: 269758

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

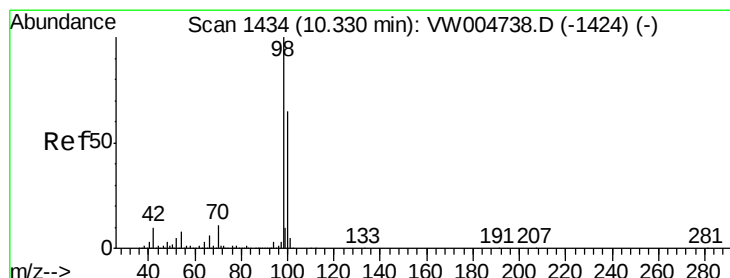
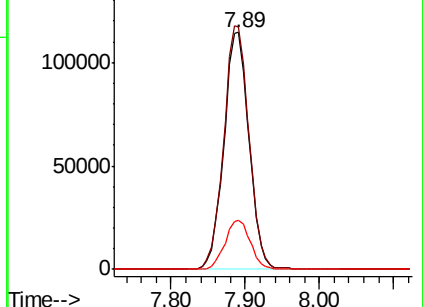
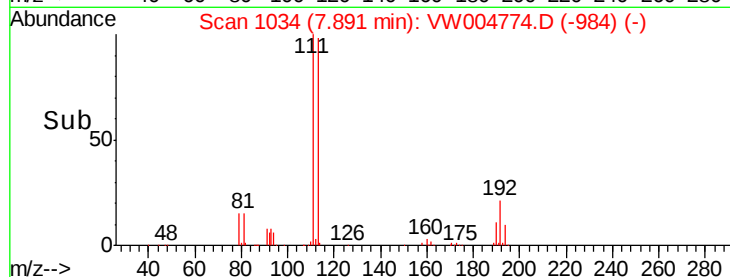
192 21.0 16.7 25.1



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: 23.95 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004774.D

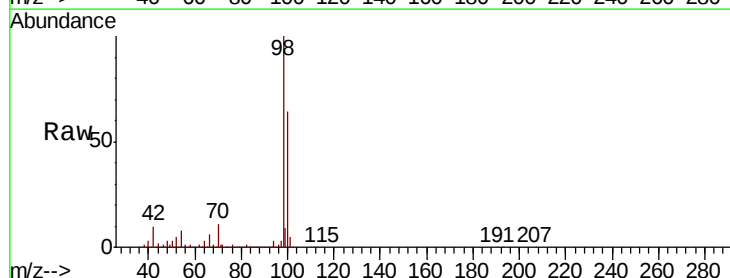
Acq: 18 Aug 2018 11:14

Tgt Ion: 98 Resp: 462858

Ion Ratio Lower Upper

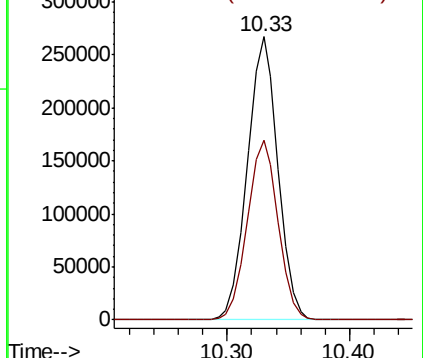
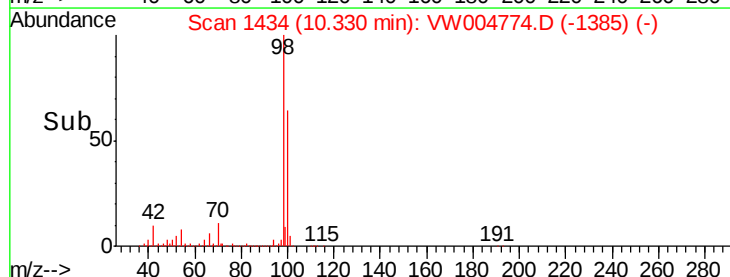
98 100

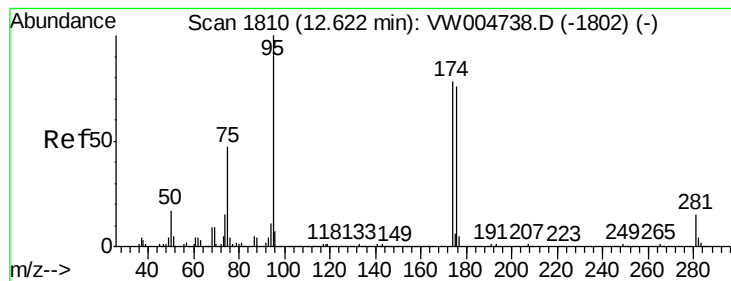
100 64.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 31.89 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004774.D

Acq: 18 Aug 2018 11:14

Instrument :

MSVOA_W

ClientSampleId :

72-11990

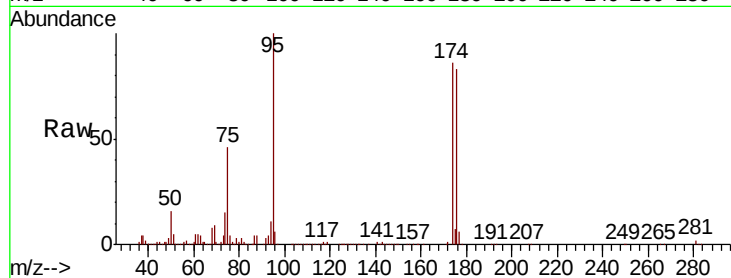
Tot Ion: 95 Resp: 221746

Ion Ratio Lower Upper

95 100

174 83.8 0.0 165.8

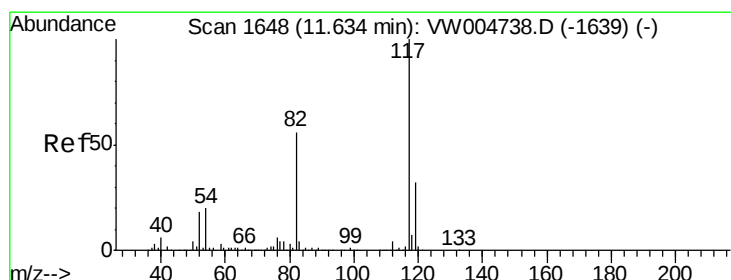
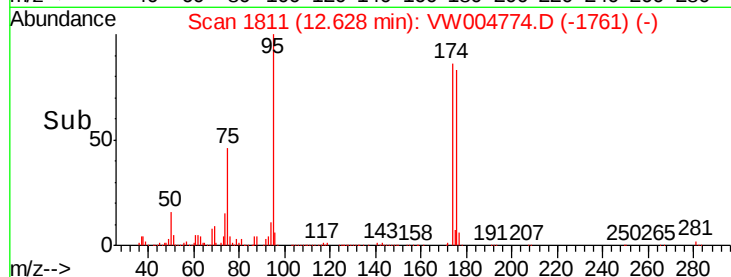
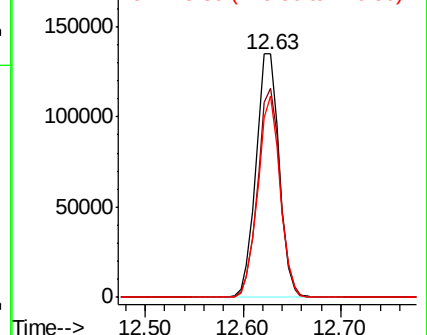
176 79.4 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004774.D

Acq: 18 Aug 2018 11:14

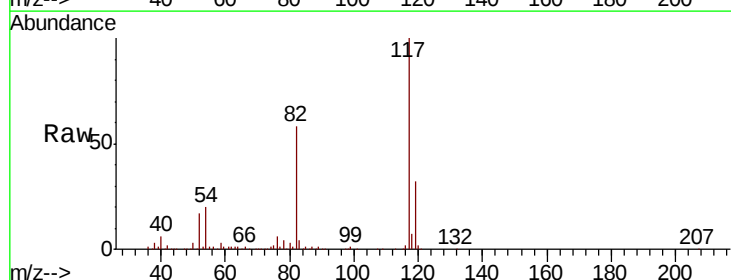
Tgt Ion: 117 Resp: 612003

Ion Ratio Lower Upper

117 100

82 58.1 44.6 67.0

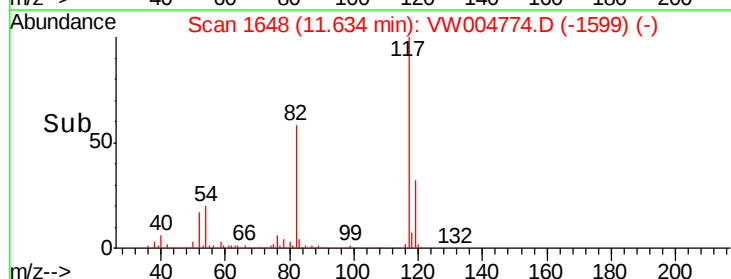
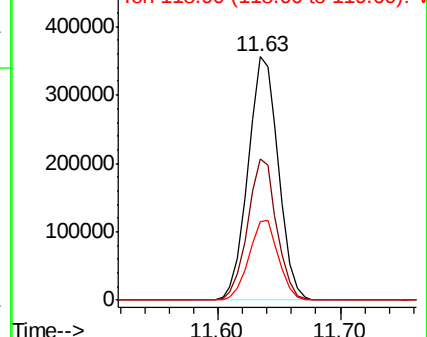
119 32.4 25.6 38.4

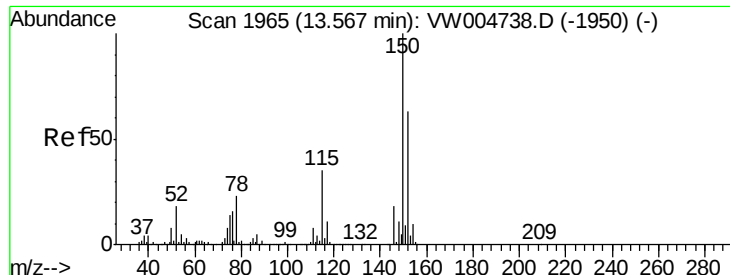


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004774.D

Acq: 18 Aug 2018 11:14

Instrument :

MSVOA_W

ClientSampleId :

72-11990

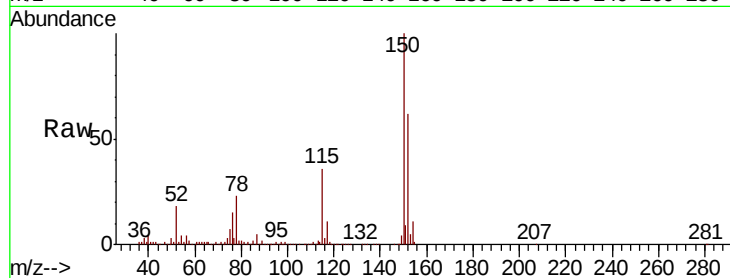
Tot Ion:152 Resp: 229567

Ion Ratio Lower Upper

152 100

115 57.2 28.5 85.5

150 154.7 0.0 344.8



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

