

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005916.D
 Acq On : 09 Oct 2018 02:20
 Operator : SY/AP
 Sample : J5302-06
 Misc : 4.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(2-2.5)

Quant Time: Oct 09 08:05:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

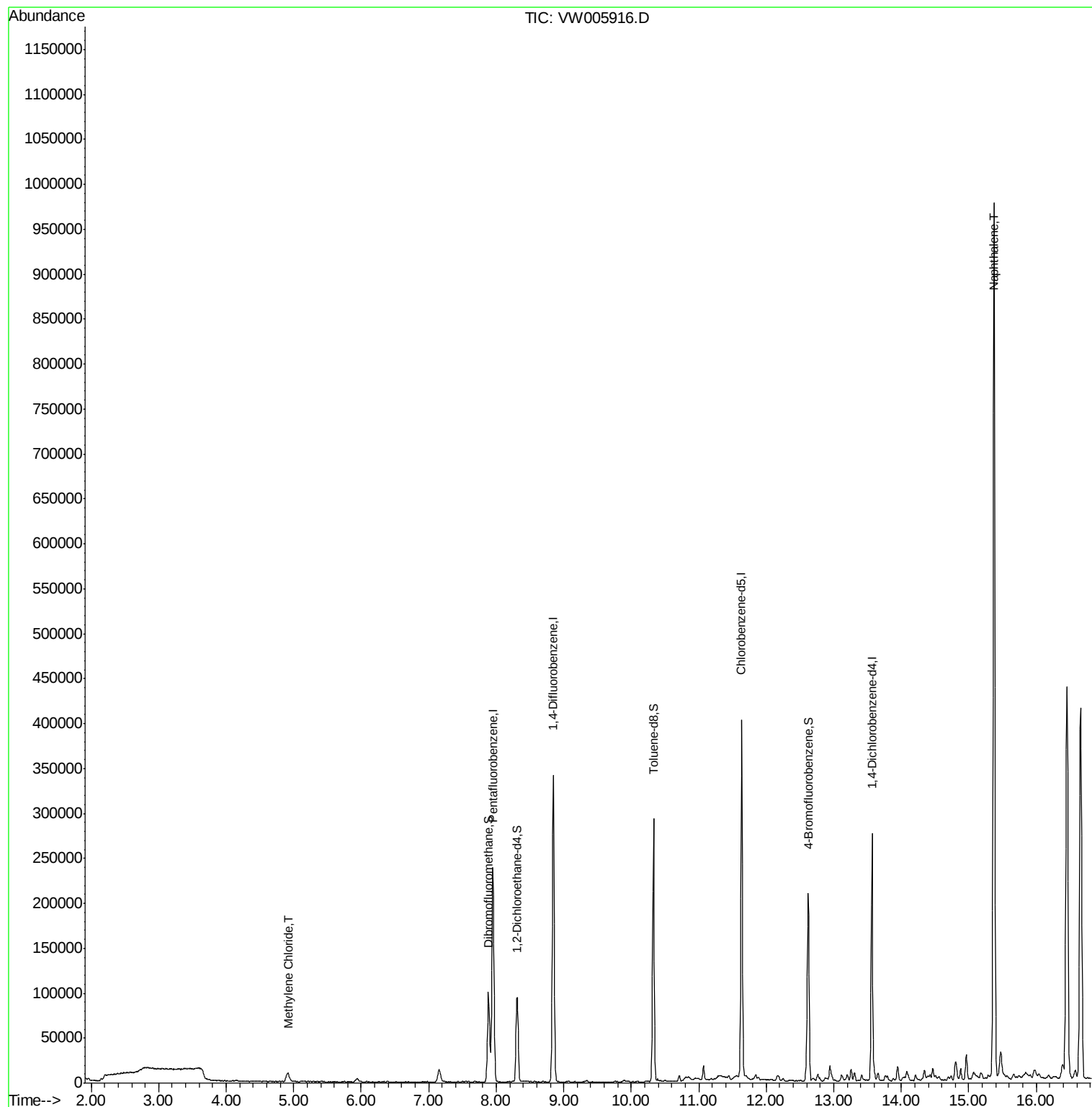
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	303117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	225037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	74721	39.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.18%	
35) Dibromofluoromethane	7.88	113	71237	36.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.62%	
50) Toluene-d8	10.33	98	198317	26.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.26%	
62) 4-Bromofluorobenzene	12.62	95	59664	21.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.12%	
Target Compounds						
20) Methylene Chloride	4.91	84	8221	4.35	ug/l	97
95) Naphthalene	15.38	128	883877	286.79	ug/l	100

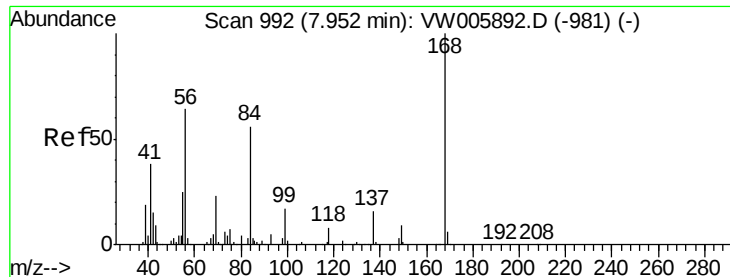
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

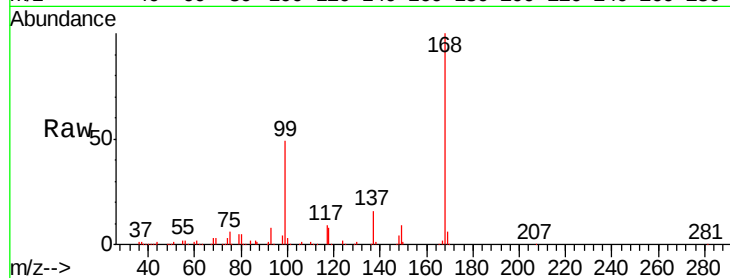
SB-6-(2-2.5)

Tgt Ion:168 Resp: 194410

Ion Ratio Lower Upper

168 100

99 49.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

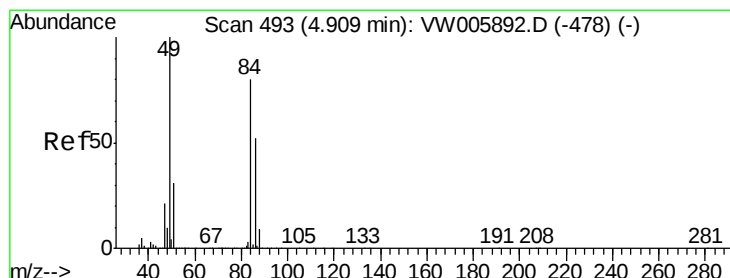
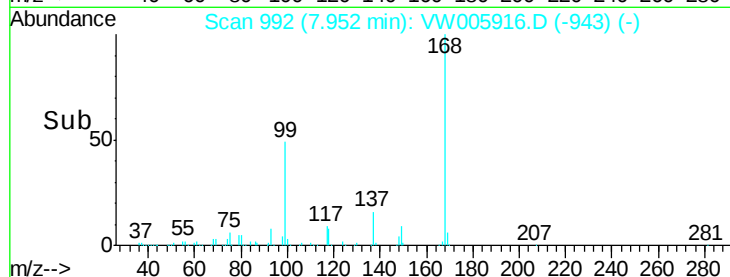
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 4.35 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Tgt Ion: 84 Resp: 8221

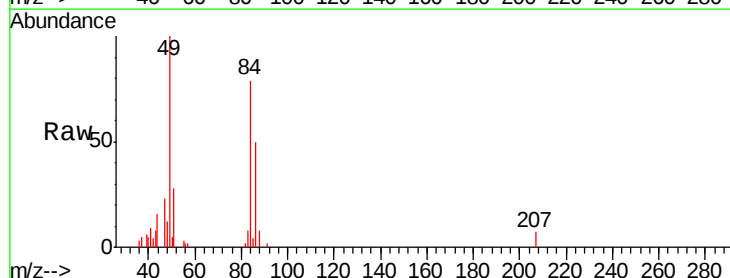
Ion Ratio Lower Upper

84 100

49 127.2 99.9 149.9

51 35.2 31.1 46.7

86 63.6 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

4000

3000

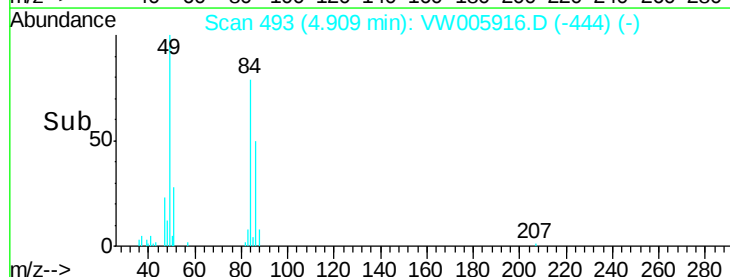
2000

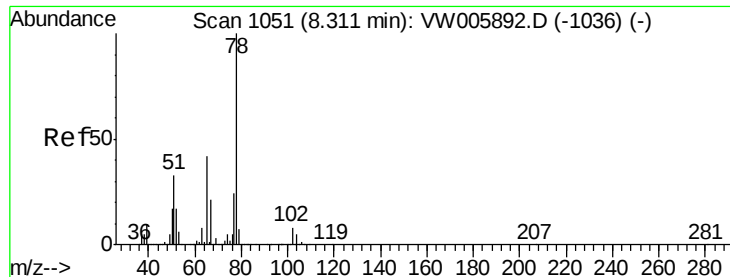
1000

0

4.80 4.90 5.00

Time-->

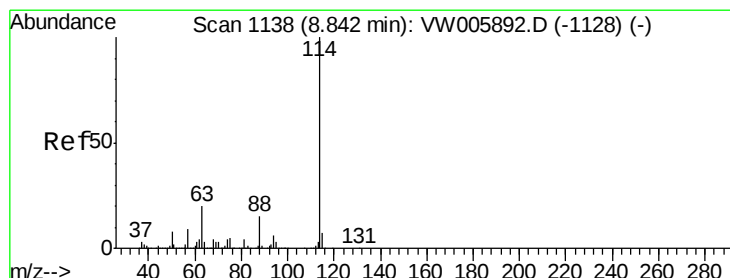
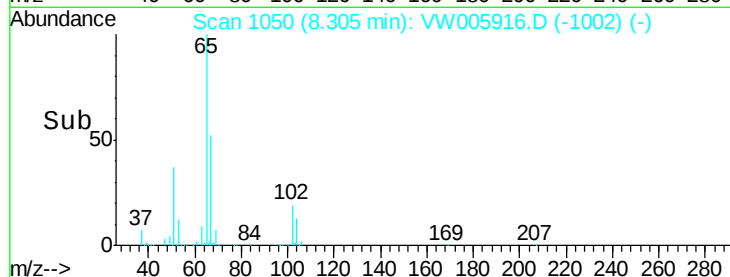
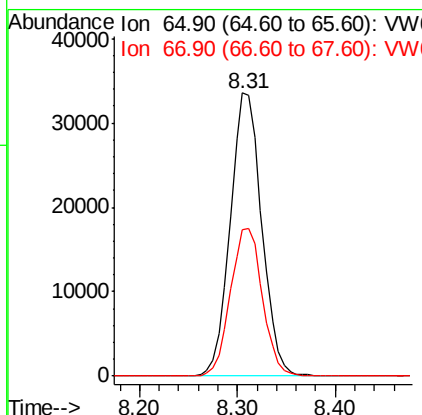
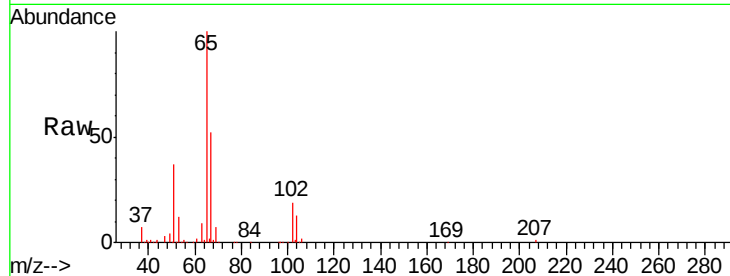




#33
 1,2-Dichloroethane-d4
 Concen: 39.59 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005916.D
 Acq: 09 Oct 2018 02:20

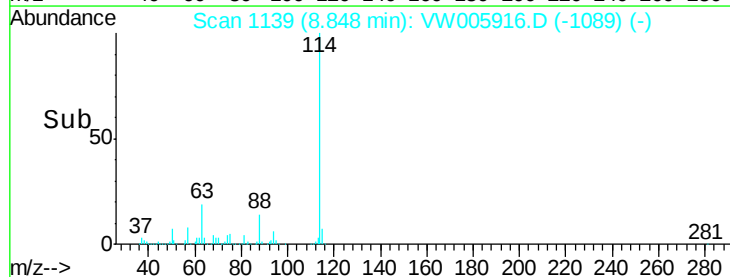
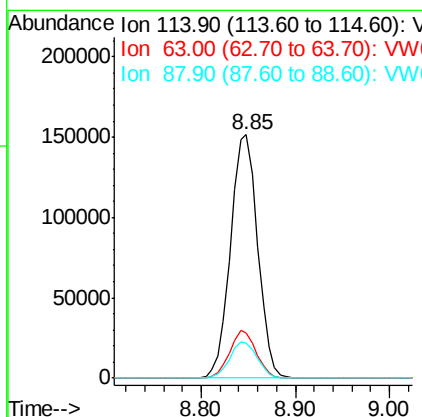
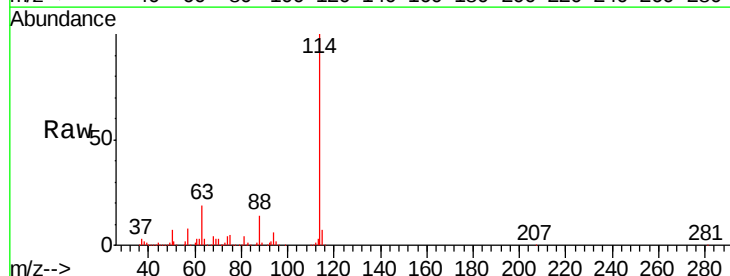
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(2-2.5)

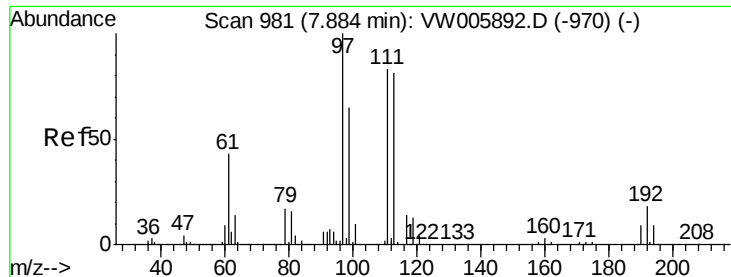
Tgt Ion: 65 Resp: 74721
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005916.D
 Acq: 09 Oct 2018 02:20

Tgt Ion: 114 Resp: 303117
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 36.81 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(2-2.5)

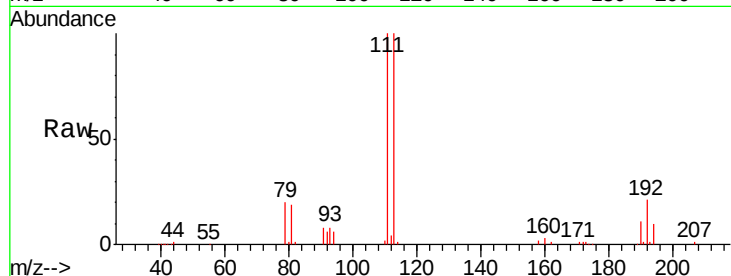
Tgt Ion:113 Resp: 71237

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

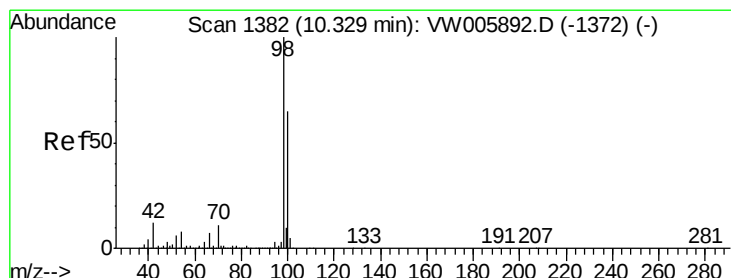
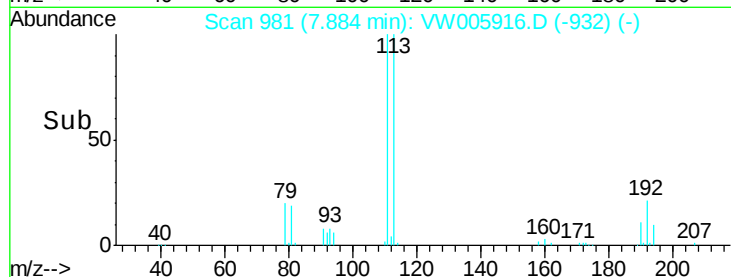
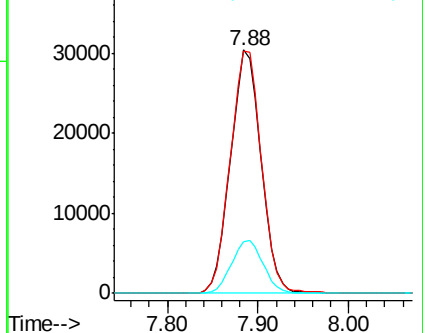
192 22.2 18.3 27.5



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: 26.63 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005916.D

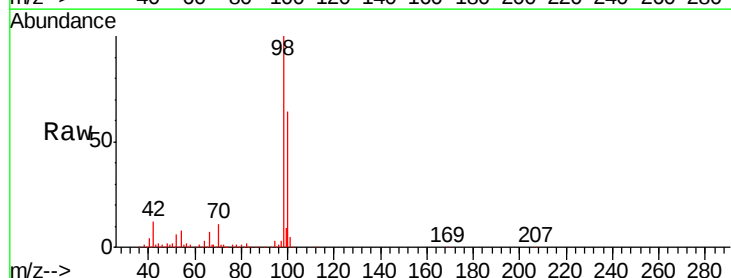
Acq: 09 Oct 2018 02:20

Tgt Ion: 98 Resp: 198317

Ion Ratio Lower Upper

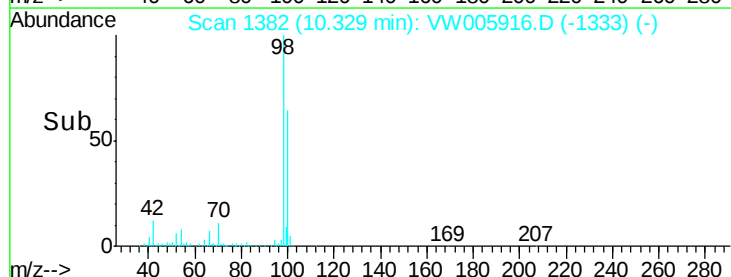
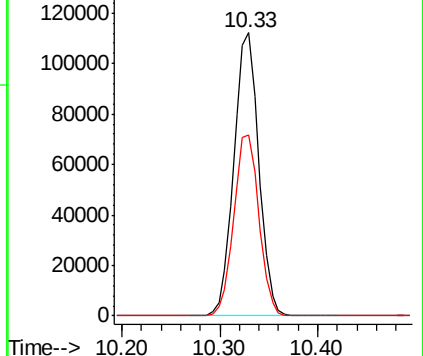
98 100

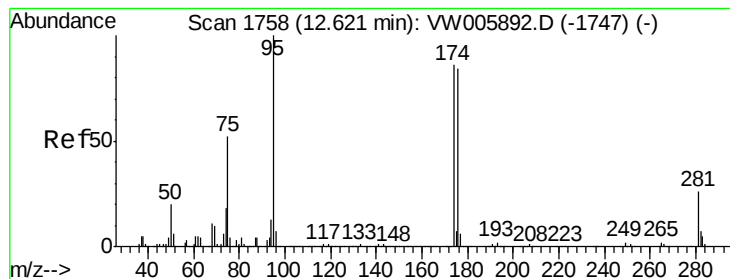
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 21.06 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

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ClientSampleId :

SB-6-(2-2.5)

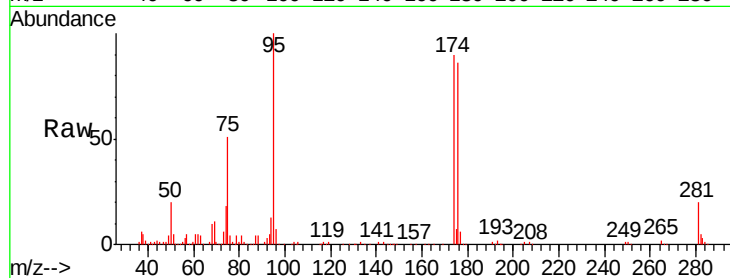
Tgt Ion: 95 Resp: 59664

Ion Ratio Lower Upper

95 100

174 93.1 0.0 176.4

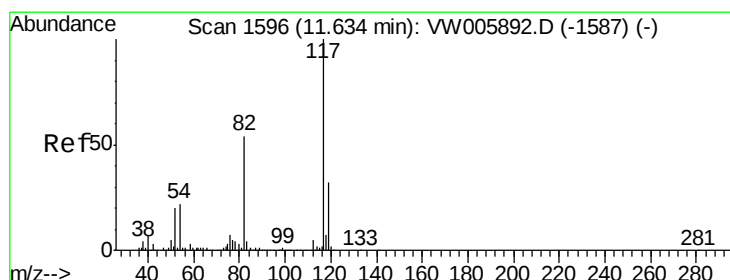
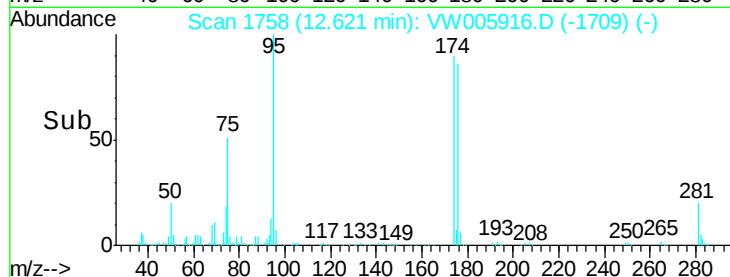
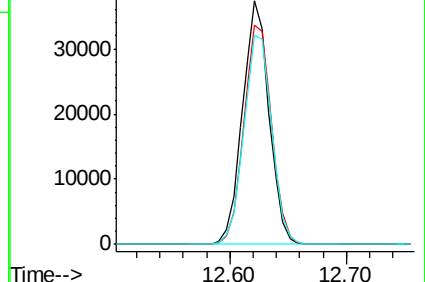
176 89.7 0.0 173.0



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# 1596

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

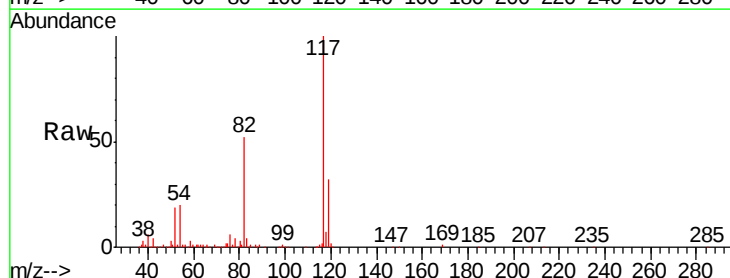
Tgt Ion: 117 Resp: 225037

Ion Ratio Lower Upper

117 100

82 52.0 43.5 65.3

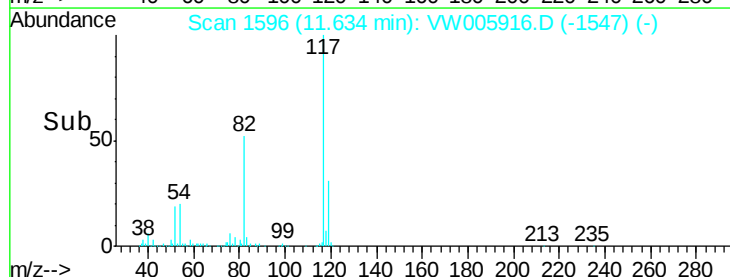
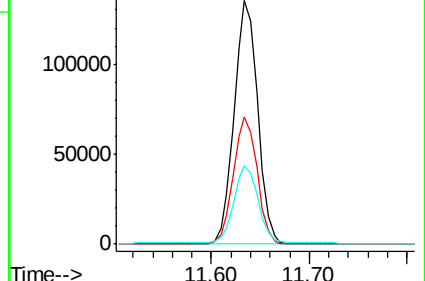
119 32.1 25.4 38.2

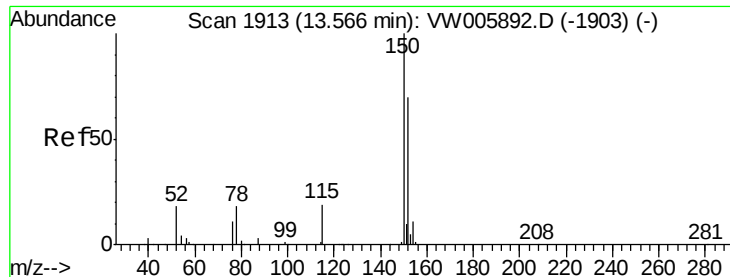


Abundance Ion 116.90 (116.60 to 117.60): VW

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# 1913

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

Instrument :

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SB-6-(2-2.5)

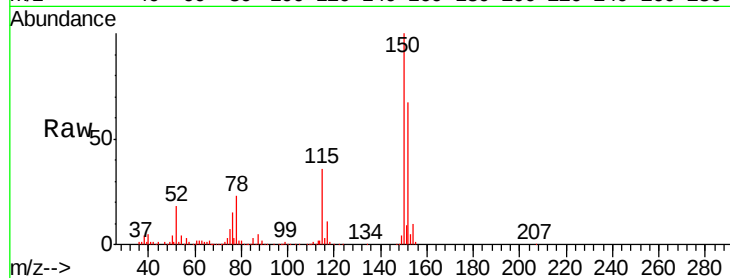
Tgt Ion:152 Resp: 75560

Ion Ratio Lower Upper

152 100

115 56.7 28.3 85.0

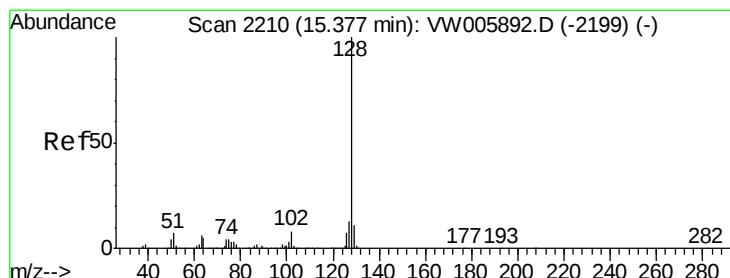
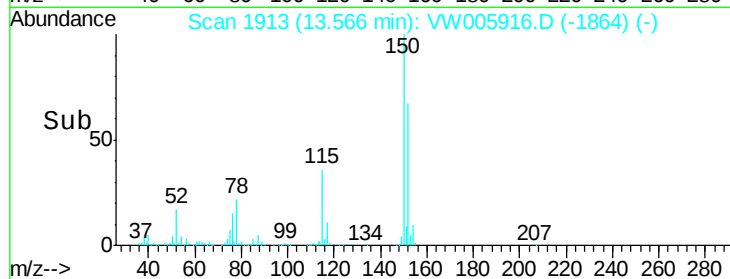
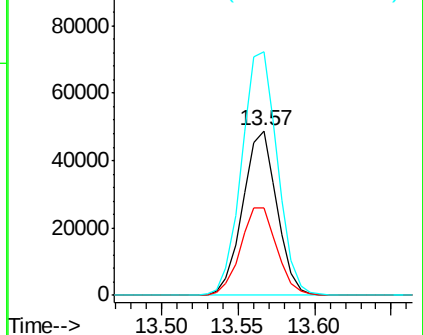
150 155.6 0.0 349.2



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: 286.79 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005916.D

Acq: 09 Oct 2018 02:20

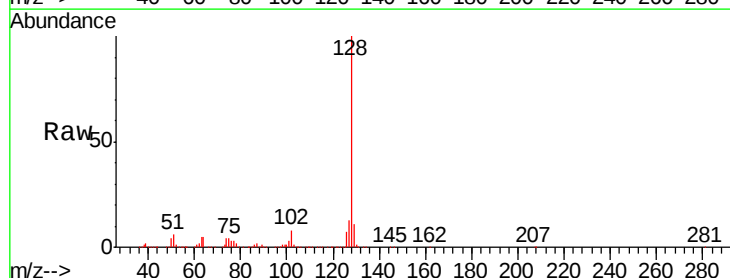
Tgt Ion:128 Resp: 883877

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 8.9 13.3



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

