

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005845.D
 Acq On : 04 Oct 2018 09:12
 Operator : SY/AP
 Sample : J5200-03RE
 Misc : 7.62G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-BRE

Quant Time: Oct 04 11:30:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

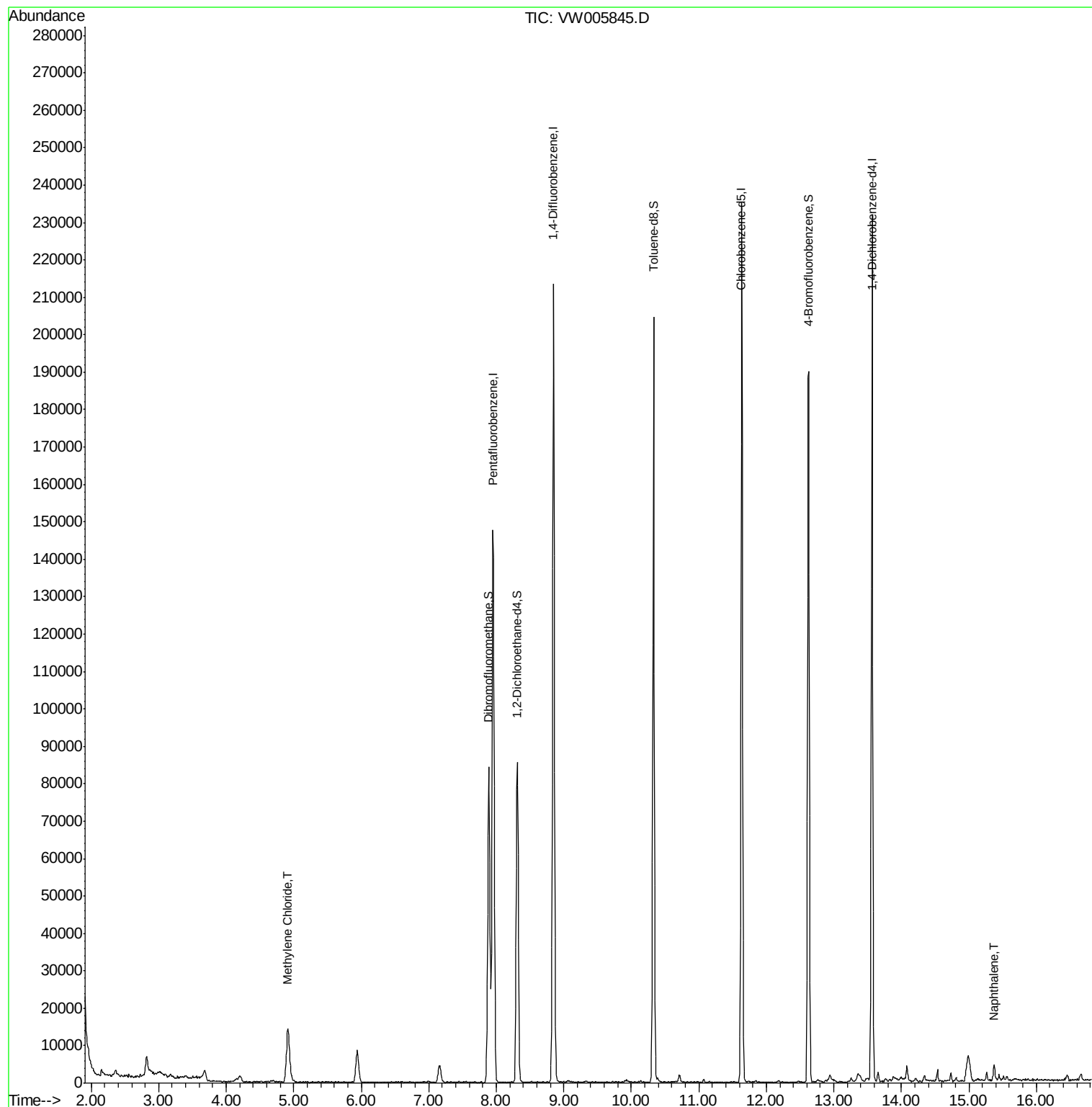
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73724	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.89	113	58359	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.33	98	131256	28.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.76%	
62) 4-Bromofluorobenzene	12.63	95	58636	34.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.82%	
Target Compounds						
20) Methylene Chloride	4.92	84	11957	2.568	ug/l	89
95) Naphthalene	15.38	128	3844	3.616	ug/l #	89

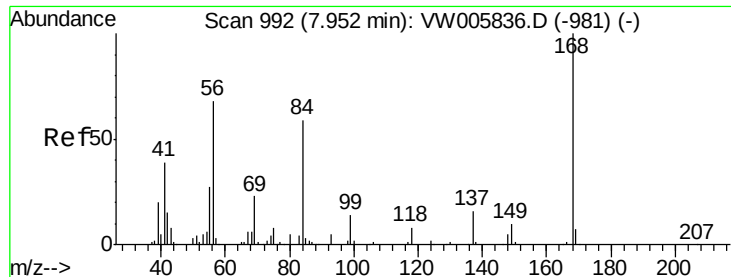
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

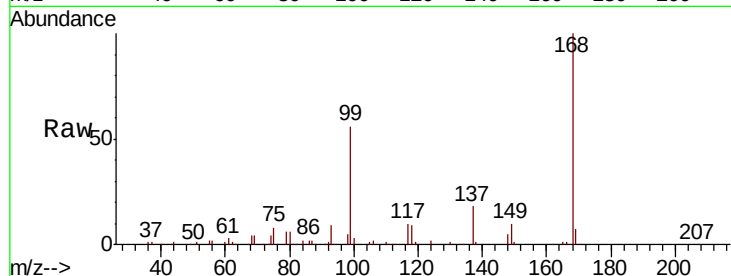
Instrument :
MSVOA_W
ClientSampleId :
OR-02-100118-BRE

Tot Ion:168 Resp: 110272

Ion Ratio Lower Upper

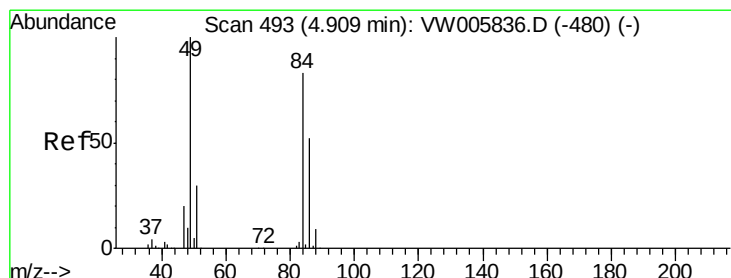
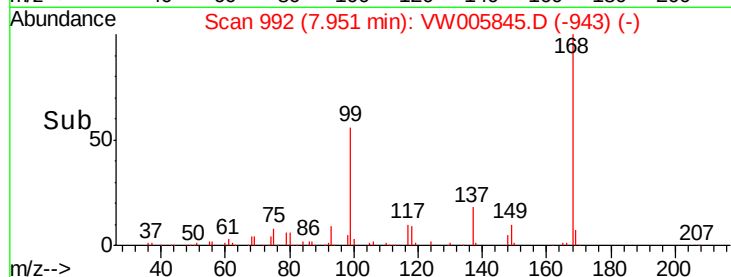
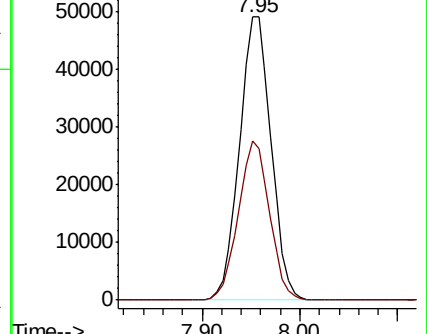
168 100

99 56.4 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 2.568 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Tgt Ion: 84 Resp: 11957

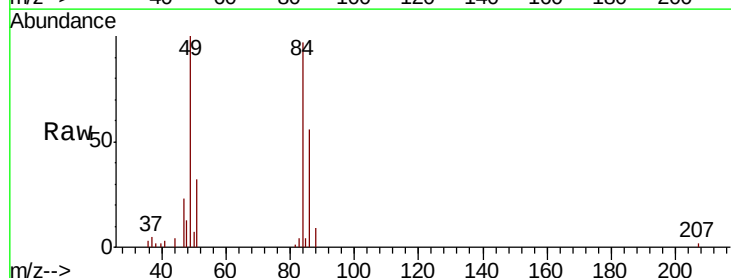
Ion Ratio Lower Upper

84 100

49 103.4 96.8 145.2

51 32.9 28.8 43.2

86 58.0 50.5 75.7

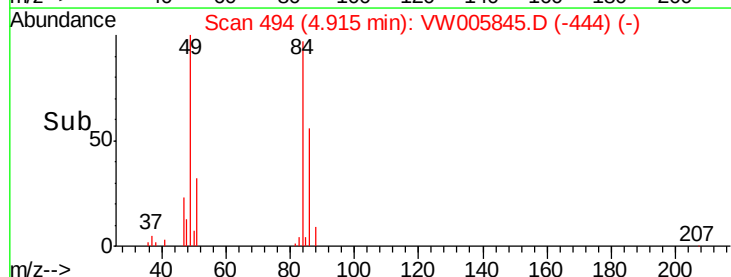
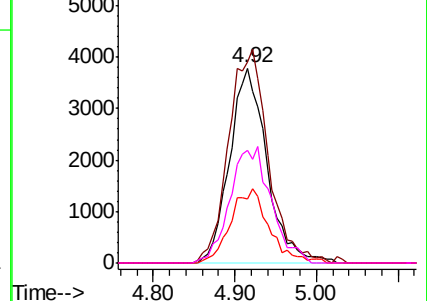


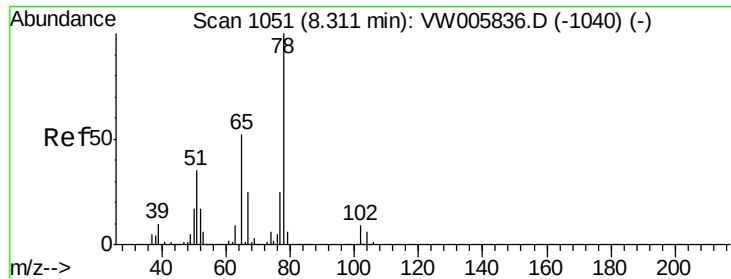
Abundance Ion 83.90 (83.60 to 84.60): VW

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

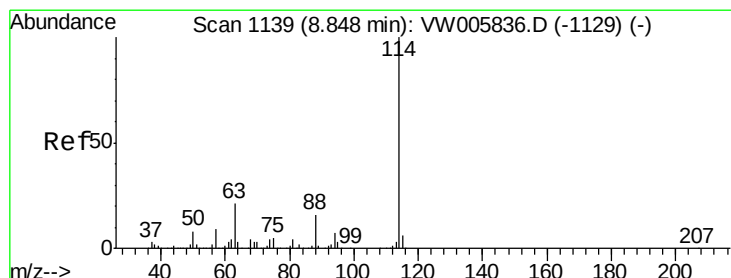
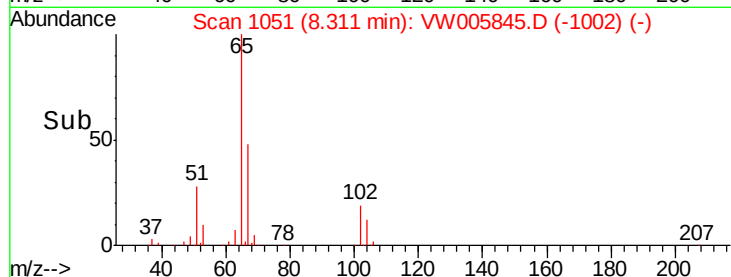
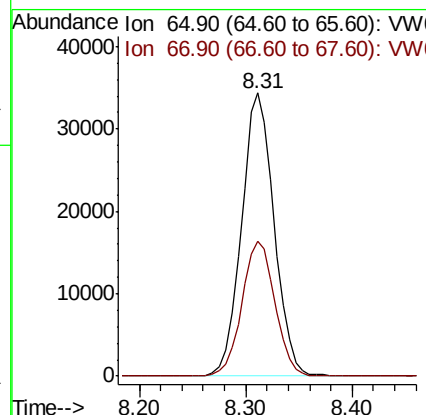
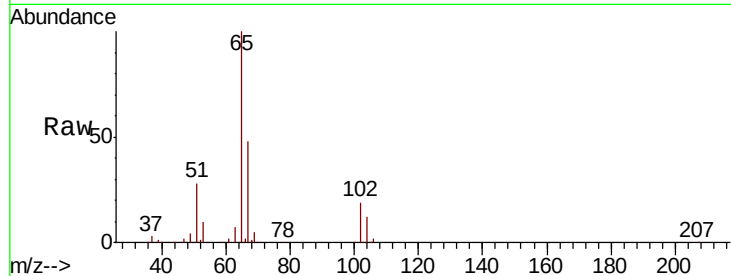




#33
 1,2-Dichloroethane-d4
 Concen: 55.110 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

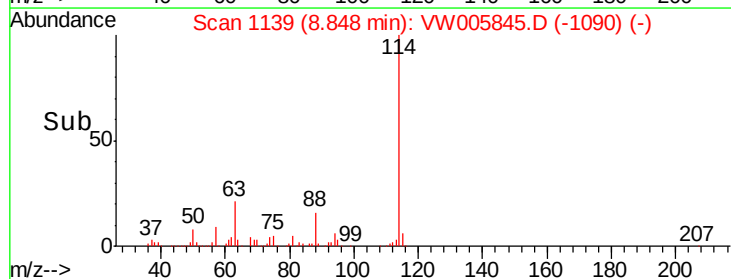
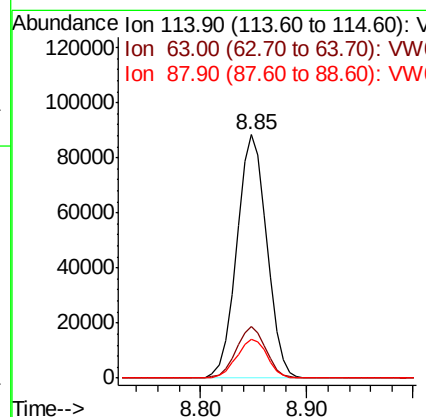
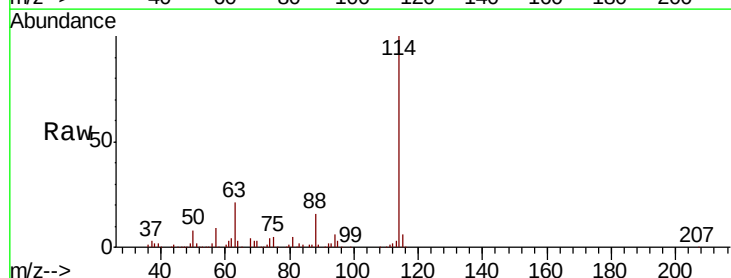
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-BRE

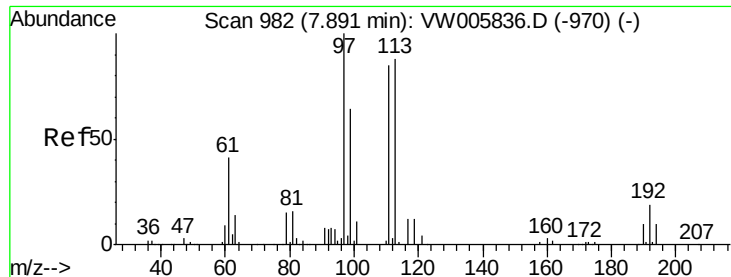
Tot Ion: 65 Resp: 73724
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

Tgt Ion: 114 Resp: 174624
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.988 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :
MSVOA_W
ClientSampleId :
OR-02-100118-BRE

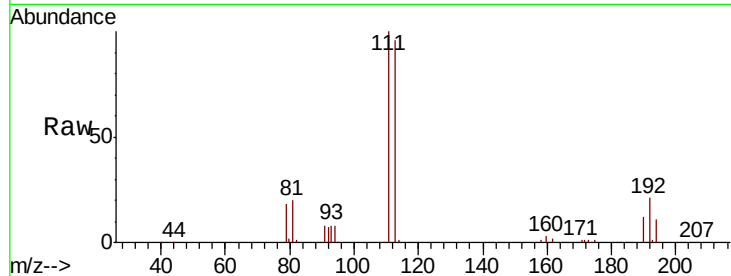
Tot Ion:113 Resp: 58359

Ion Ratio Lower Upper

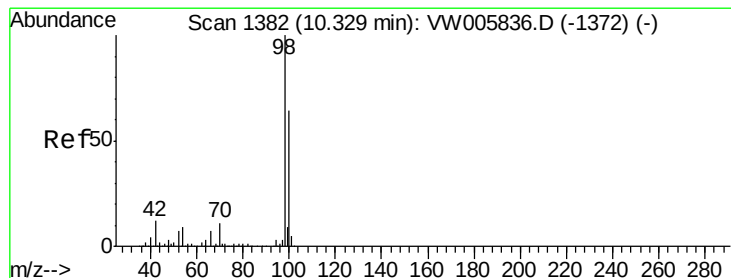
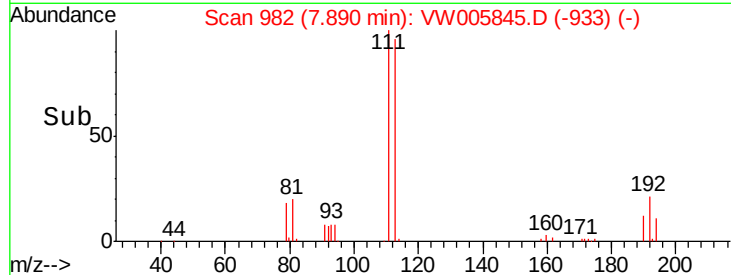
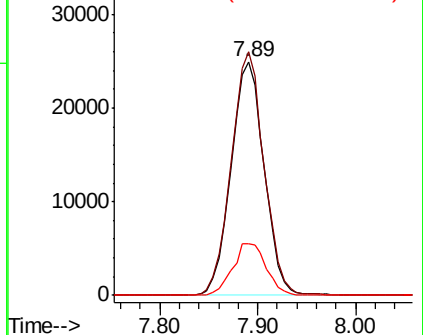
113 100

111 103.6 81.4 122.2

192 22.6 17.3 25.9



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: 28.881 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005845.D

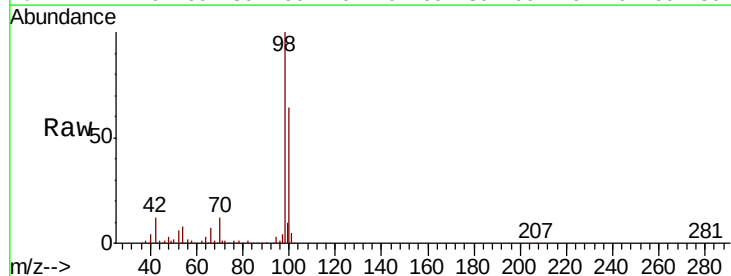
Acq: 04 Oct 2018 09:12

Tgt Ion: 98 Resp: 131256

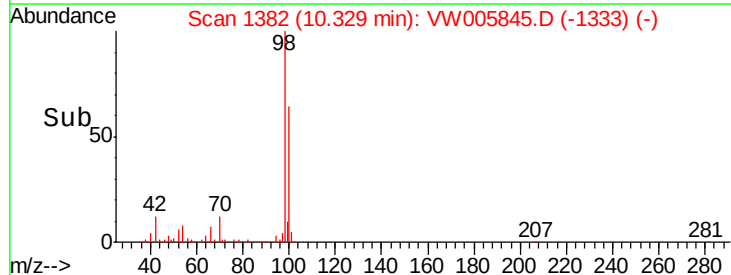
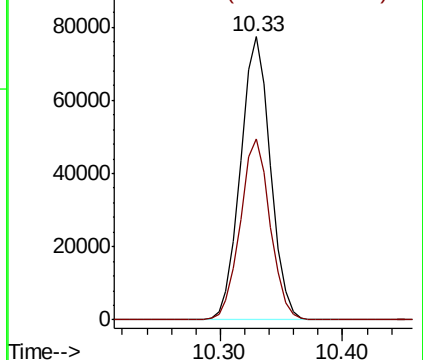
Ion Ratio Lower Upper

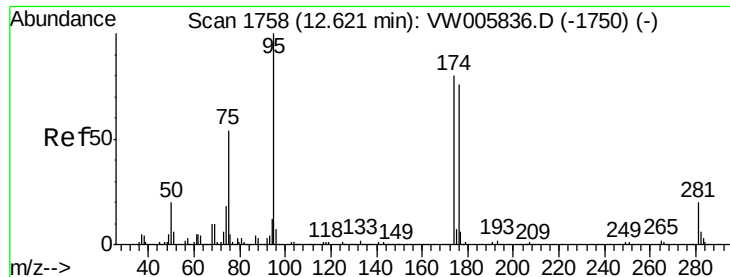
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.912 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :

MSVOA_W

ClientSampleId :

OR-02-100118-BRE

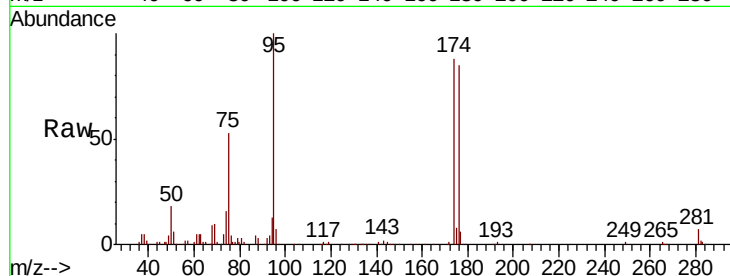
Tot Ion: 95 Resp: 58636

Ion Ratio Lower Upper

95 100

174 87.5 0.0 169.0

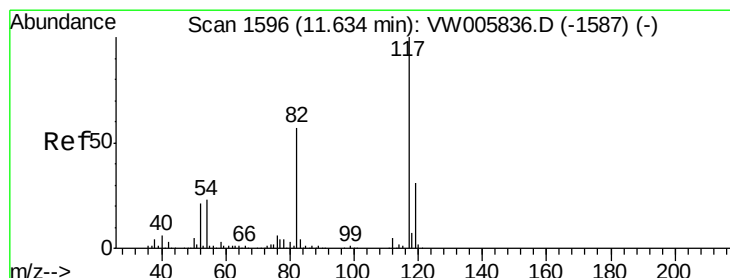
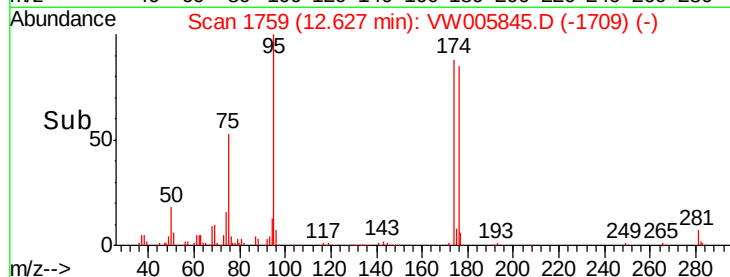
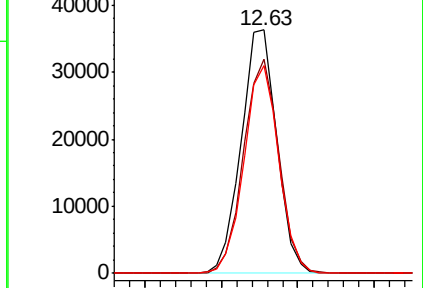
176 83.6 0.0 164.2



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

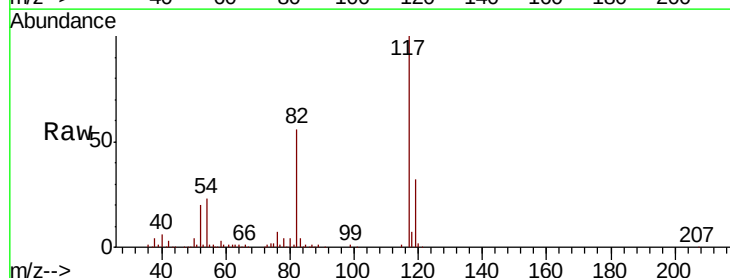
Tgt Ion: 117 Resp: 133173

Ion Ratio Lower Upper

117 100

82 56.3 45.6 68.4

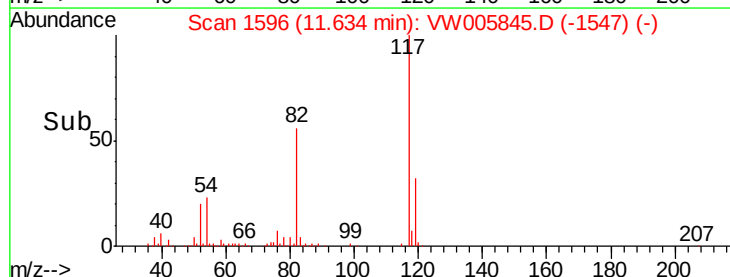
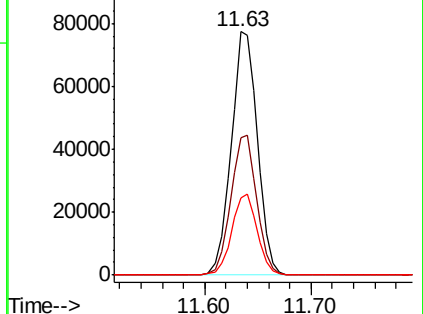
119 31.9 25.0 37.6

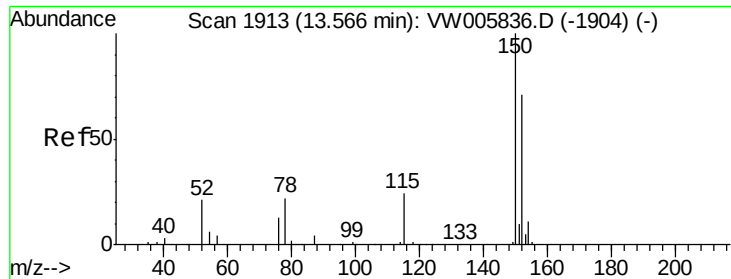


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

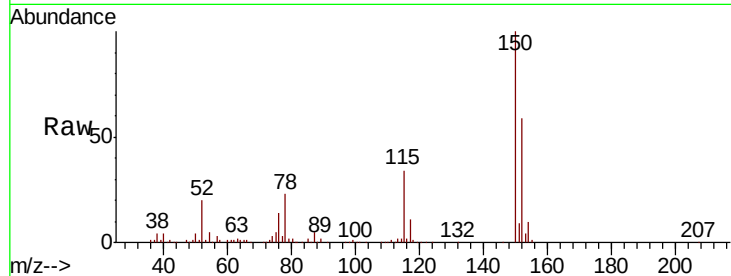




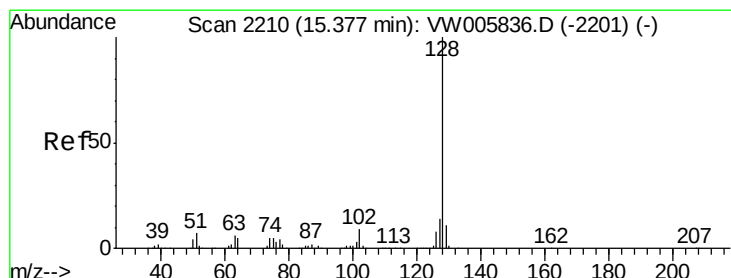
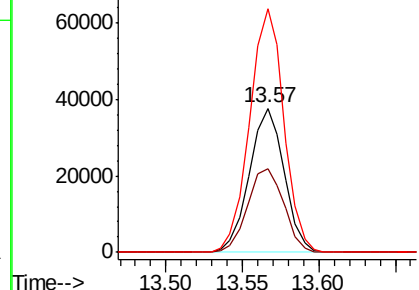
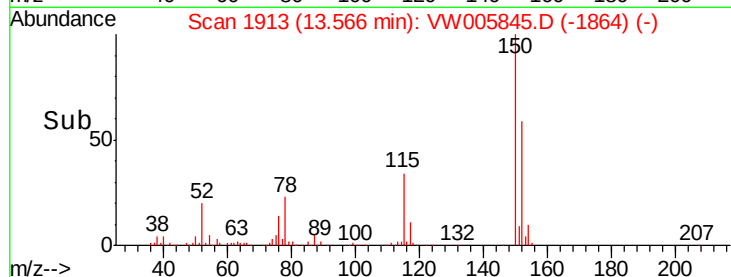
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-BRE

Tot Ion:152 Resp: 59725
 Ion Ratio Lower Upper
 152 100
 115 60.8 29.8 89.4
 150 166.3 0.0 349.4

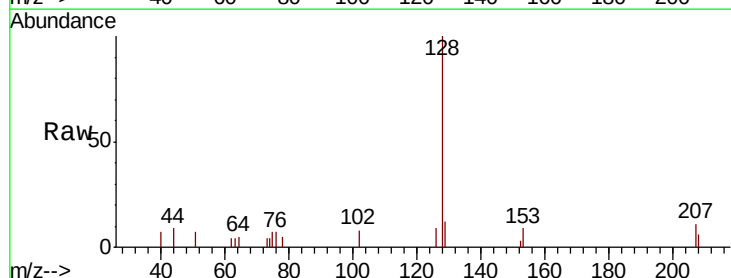


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 3.616 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

Tgt Ion:128 Resp: 3844
 Ion Ratio Lower Upper
 128 100
 127 6.4 10.9 16.3#
 129 10.1 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

