

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003847.D
 Acq On : 11 Jul 2018 02:29
 Operator : SY/AP
 Sample : J3827-01
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-070918

Quant Time: Jul 11 06:43:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

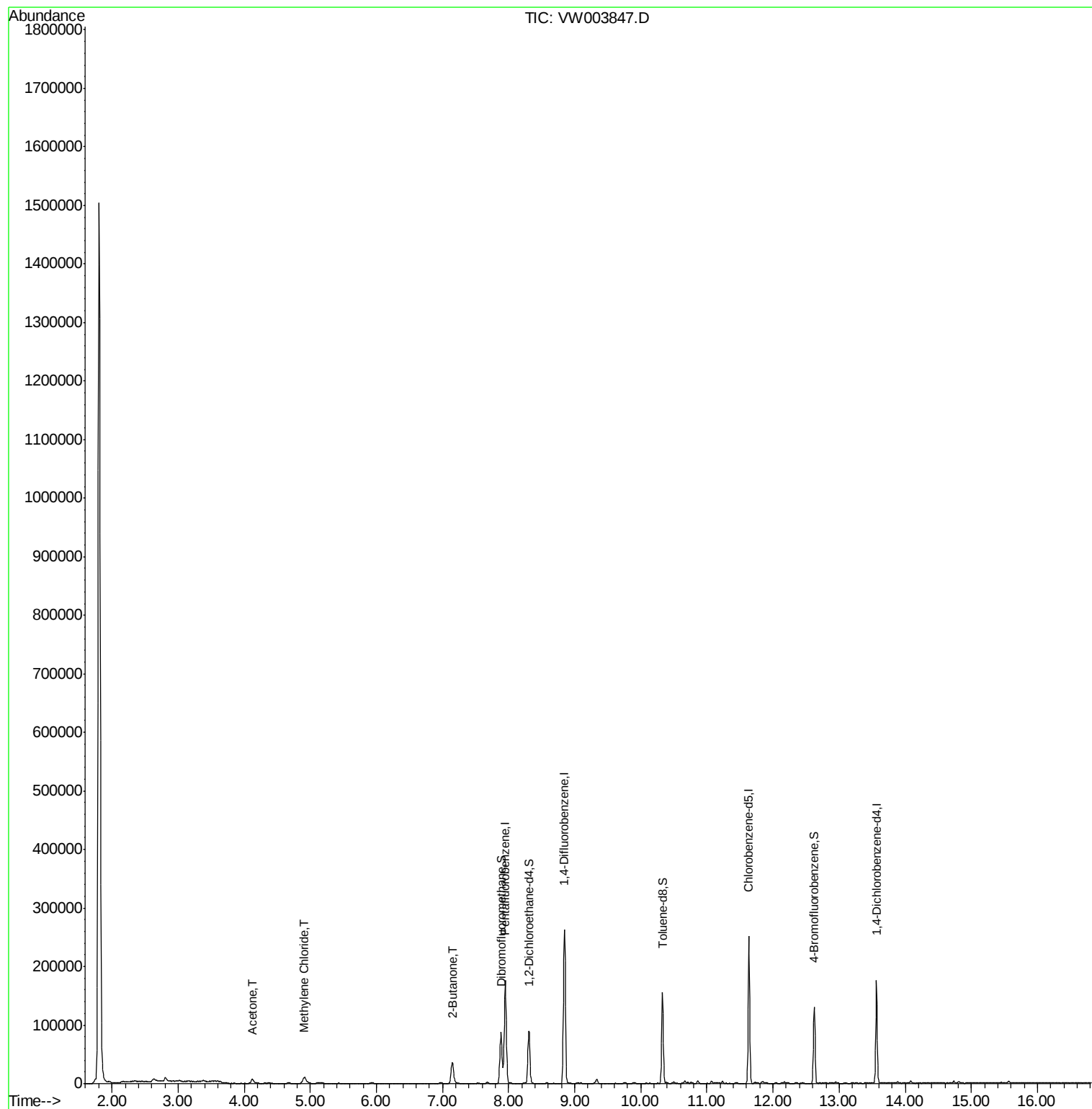
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	123878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	211971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71729	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
35) Dibromofluoromethane	7.88	113	60550	40.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.62%	
50) Toluene-d8	10.33	98	101850	17.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.90%	
62) 4-Bromofluorobenzene	12.62	95	39052	19.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.04%	
Target Compounds						
16) Acetone	4.12	43	12335	43.89	ug/l	97
20) Methylene Chloride	4.91	84	8316	1.85	ug/l	92
25) 2-Butanone	7.15	43	2519	5.72	ug/l #	77

(#) = 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: VW003847.D

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Instrument :

MSVOA_W

ClientSampleId :

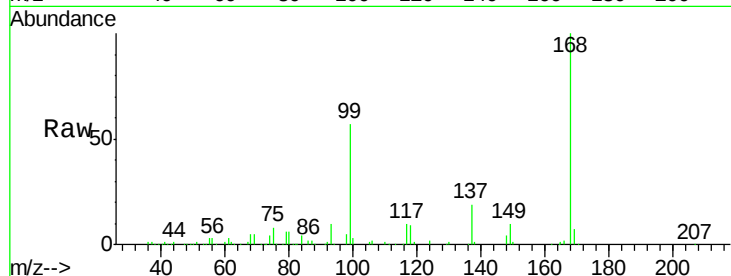
OR-03-070918

Tot Ion:168 Resp: 123878

Ion Ratio Lower Upper

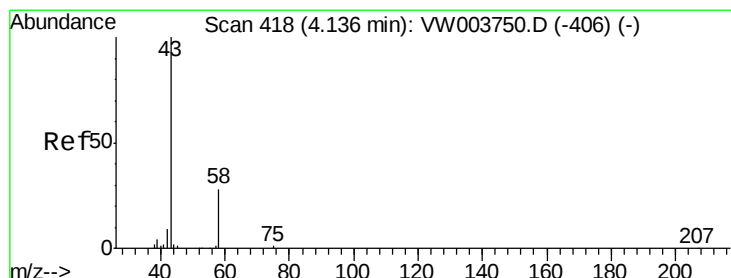
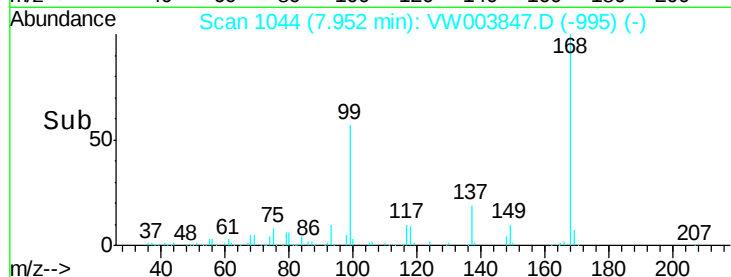
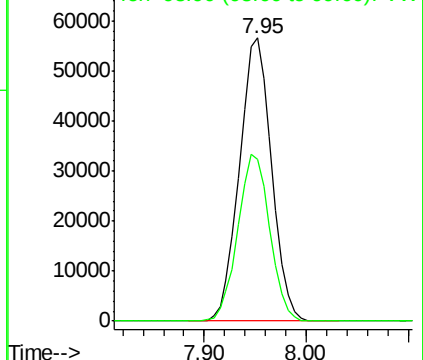
168 100

99 57.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 43.89 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003847.D

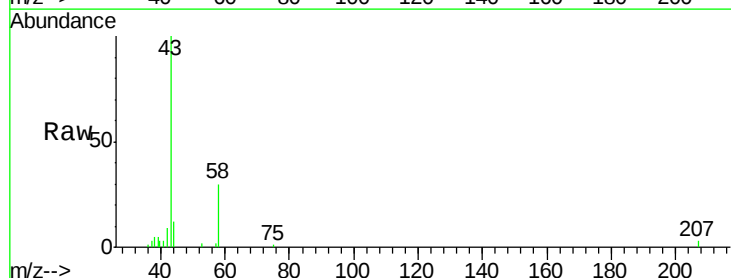
Acq: 11 Jul 2018 02:29

Tgt Ion: 43 Resp: 12335

Ion Ratio Lower Upper

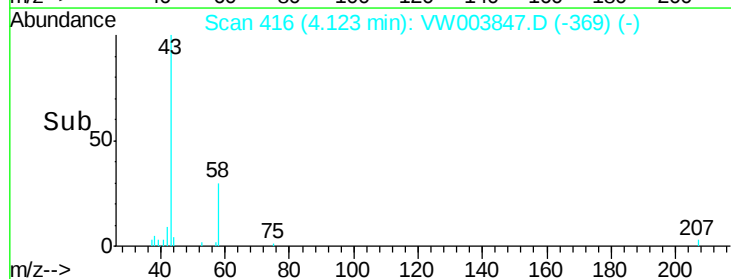
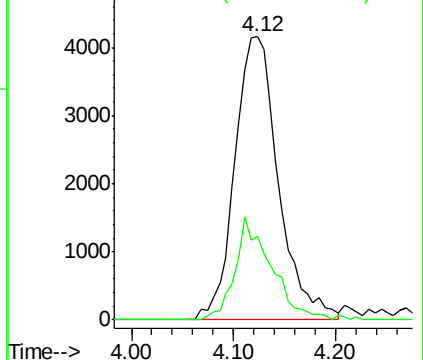
43 100

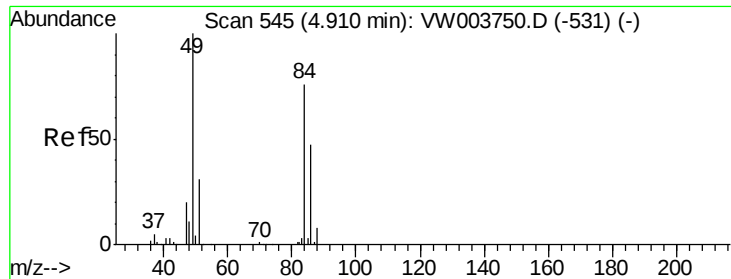
58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

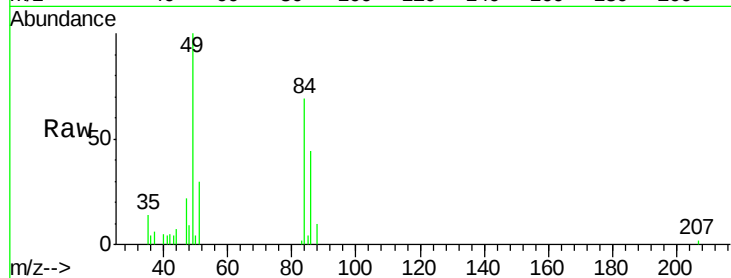




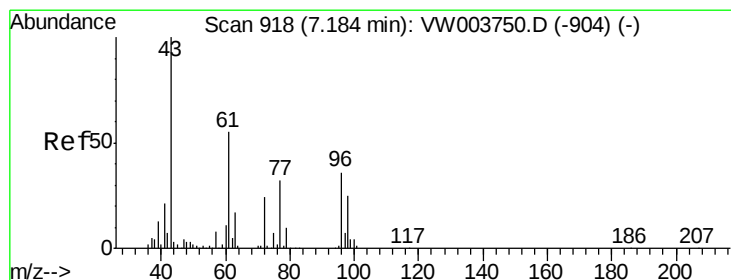
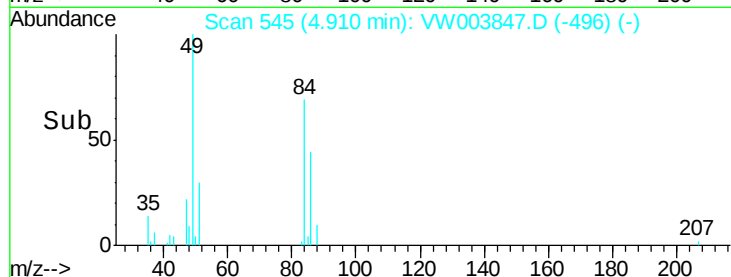
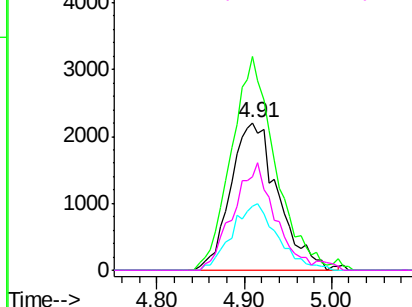
#20
Methylene Chloride
Concen: 1.85 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Instrument :
MSVOA_W
ClientSampleId :
OR-03-070918

Tot Ion: 84 Resp: 8316
Ion Ratio Lower Upper
84 100
49 145.0 105.1 157.7
51 43.8 32.5 48.7
86 63.4 49.8 74.6

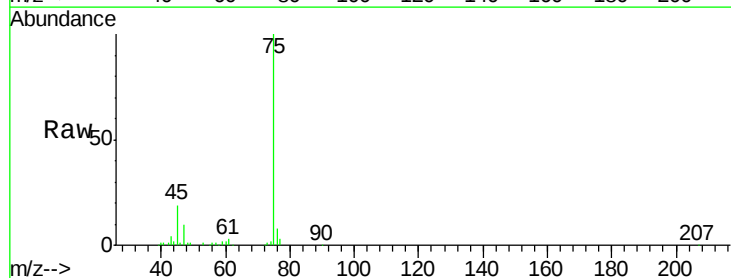


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

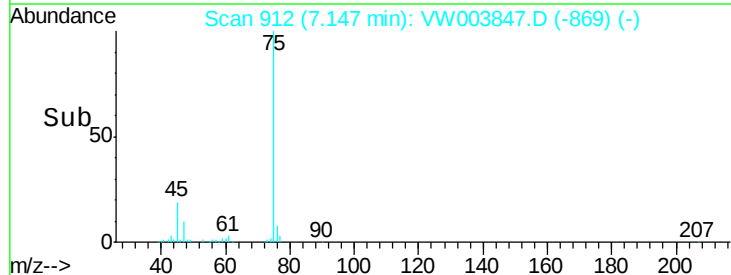
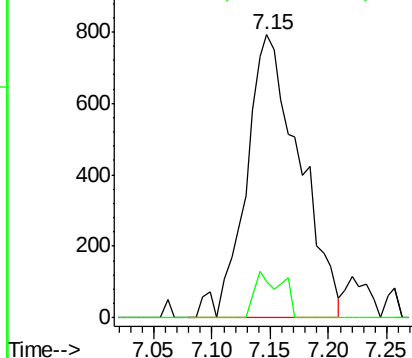


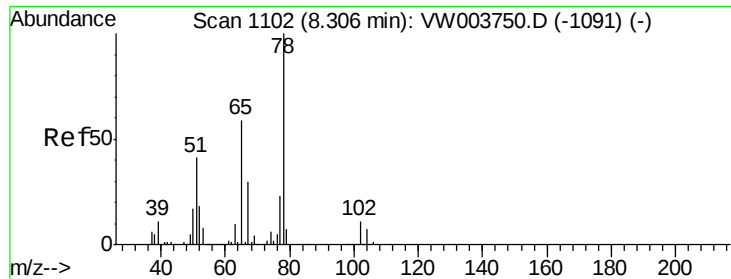
#25
2-Butanone
Concen: 5.72 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.04 min
Lab File: VW003847.D
Acq: 11 Jul 2018 02:29

Tgt Ion: 43 Resp: 2519
Ion Ratio Lower Upper
43 100
72 13.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 44.28 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

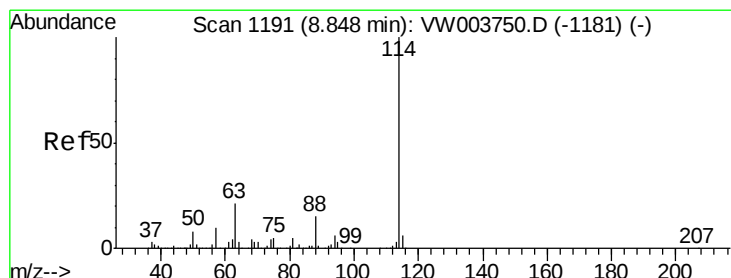
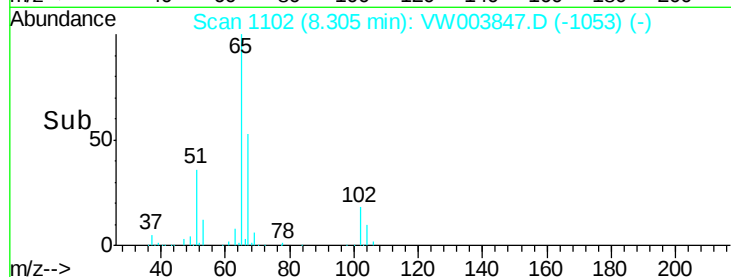
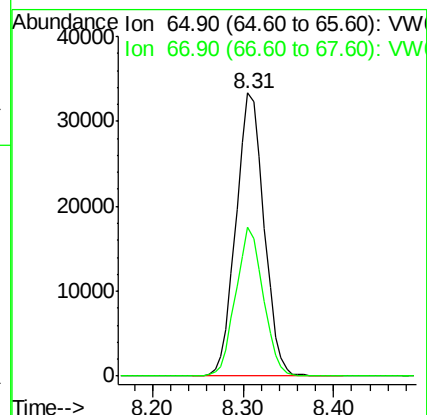
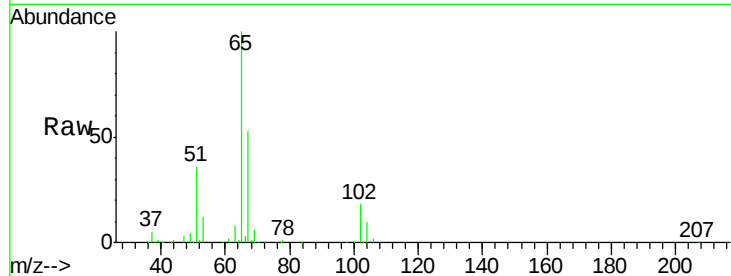
OR-03-070918

Tot Ion: 65 Resp: 71729

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

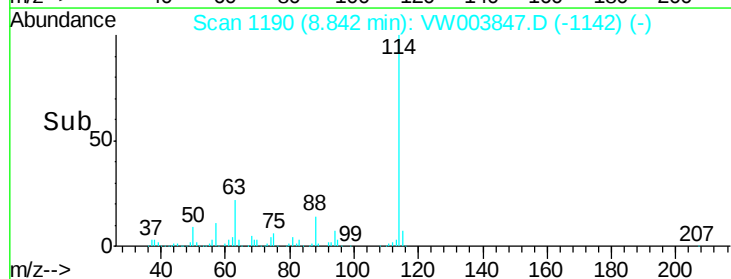
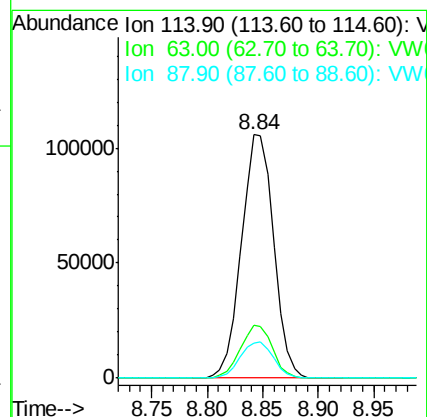
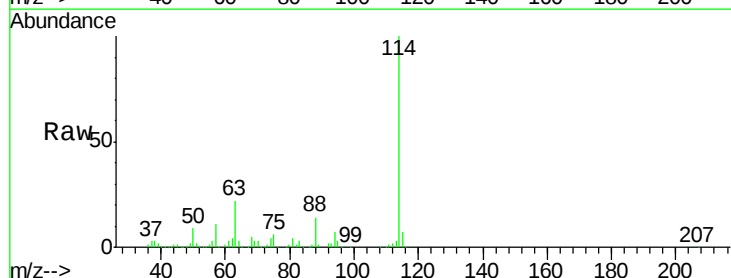
Tgt Ion: 114 Resp: 211971

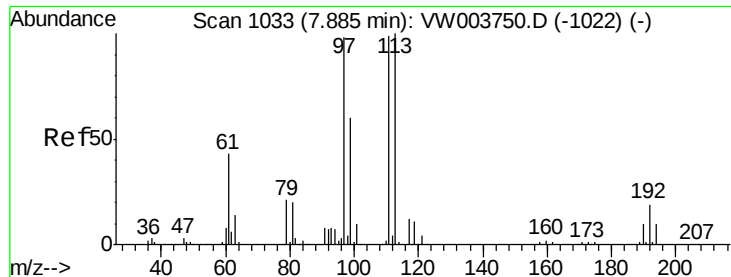
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 40.81 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

OR-03-070918

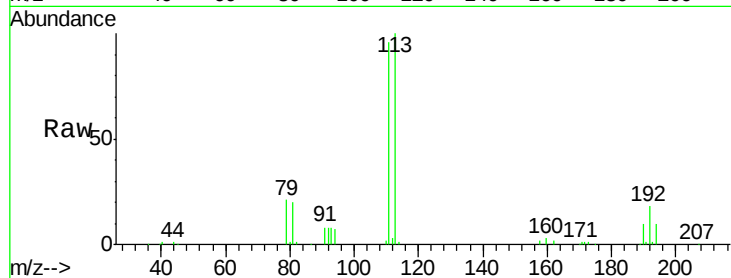
Tot Ion:113 Resp: 60550

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

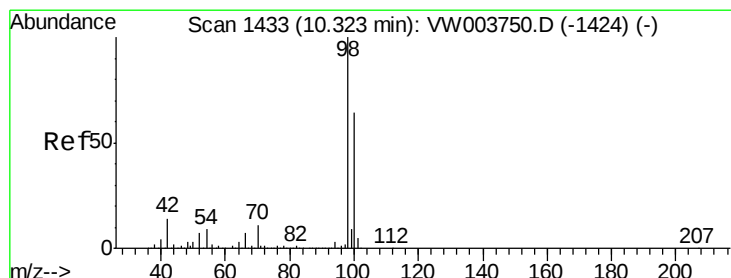
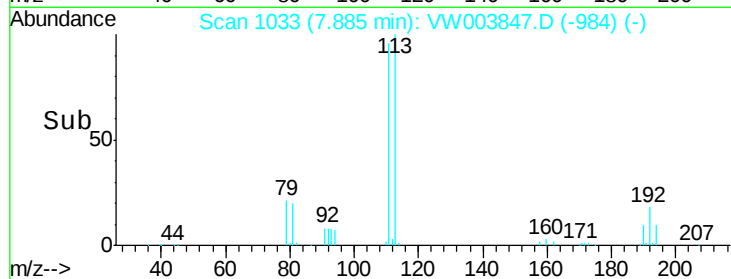
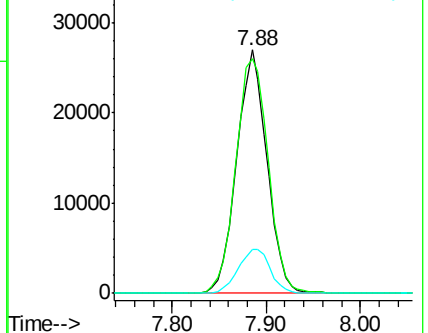
192 19.4 15.8 23.8



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: 17.95 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003847.D

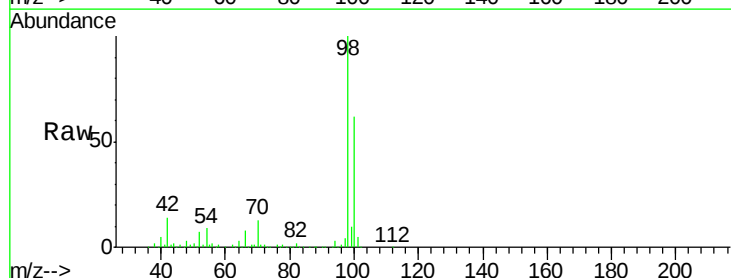
Acq: 11 Jul 2018 02:29

Tgt Ion: 98 Resp: 101850

Ion Ratio Lower Upper

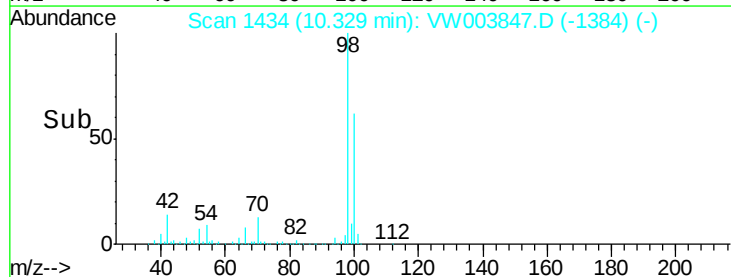
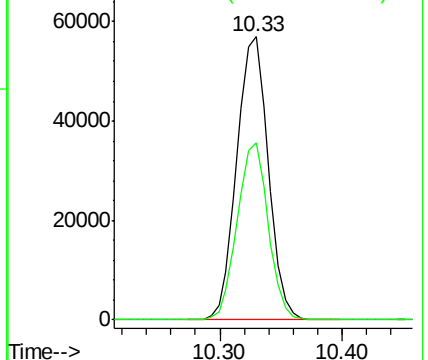
98 100

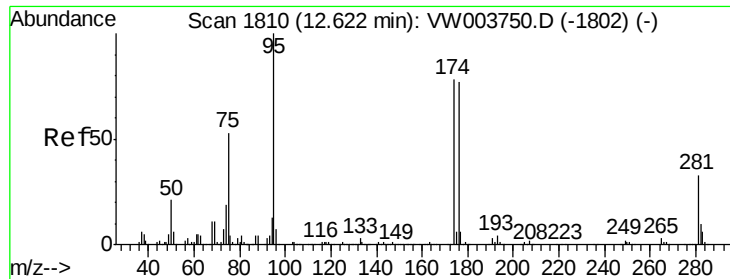
100 61.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 19.02 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

MSVOA_W

ClientSampleId :

OR-03-070918

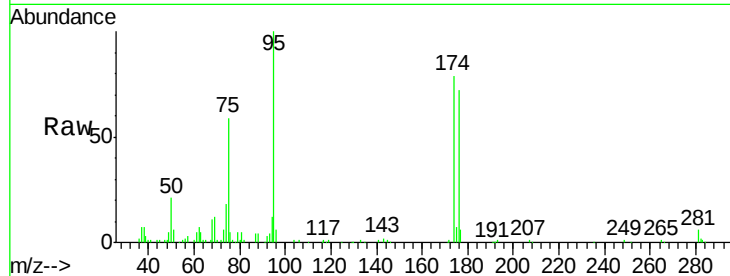
Tot Ion: 95 Resp: 39052

Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.4

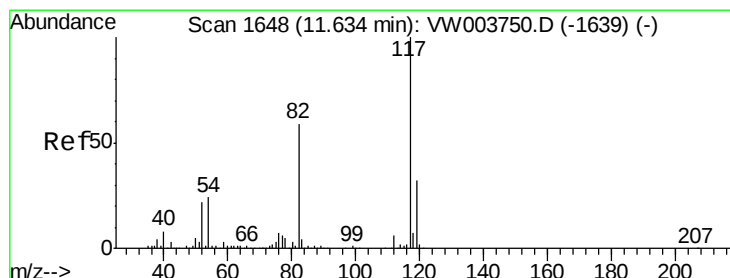
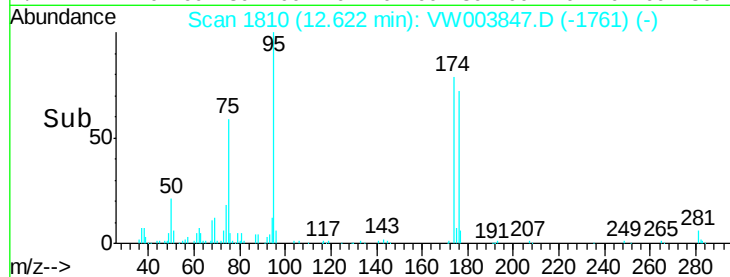
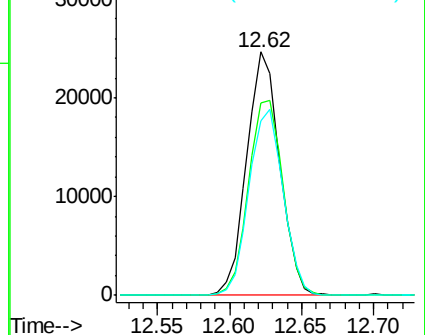
176 78.8 0.0 156.8



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: VW003847.D

Acq: 11 Jul 2018 02:29

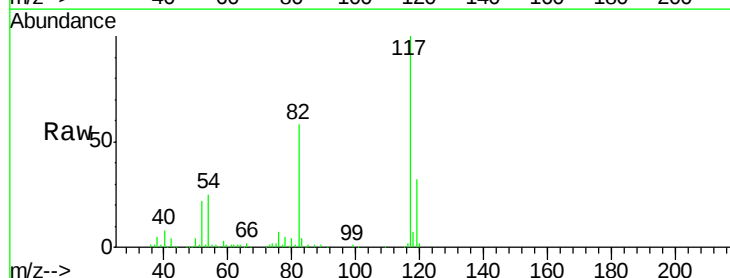
Tgt Ion: 117 Resp: 130808

Ion Ratio Lower Upper

117 100

82 57.9 46.9 70.3

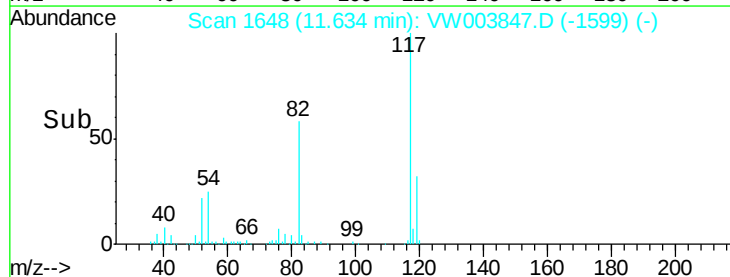
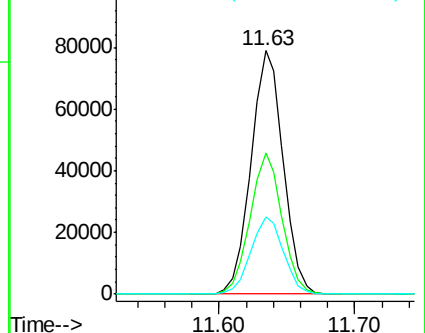
119 31.6 25.5 38.3

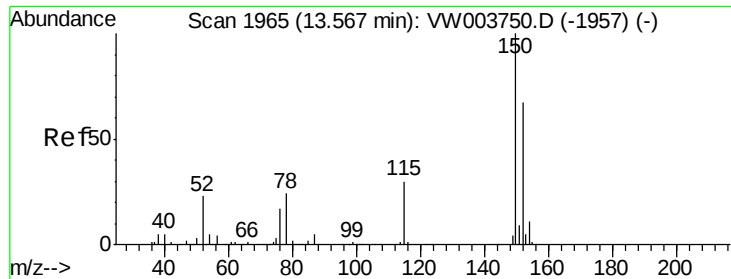


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW003847.D

Acq: 11 Jul 2018 02:29

Instrument :

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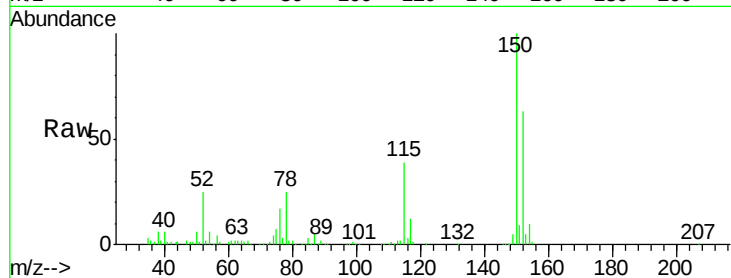
Tot Ion:152 Resp: 43273

Ion Ratio Lower Upper

152 100

115 61.2 28.9 86.8

150 160.2 0.0 342.4



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

