

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003832.D
 Acq On : 10 Jul 2018 18:16
 Operator : SY/AP
 Sample : J3888-03
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC7-SWN1-1-1.5

Quant Time: Jul 11 05:15:04 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	133634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	231153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	92272	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	72039	41.22	ug/l	0.00
Spiked Amount			Recovery	=	82.44%	
35) Dibromofluoromethane	7.88	113	61844	38.23	ug/l	0.00
Spiked Amount			Recovery	=	76.46%	
50) Toluene-d8	10.33	98	189630	30.64	ug/l	0.00
Spiked Amount			Recovery	=	61.28%	
62) 4-Bromofluorobenzene	12.62	95	64494	28.80	ug/l	0.00
Spiked Amount			Recovery	=	57.60%	

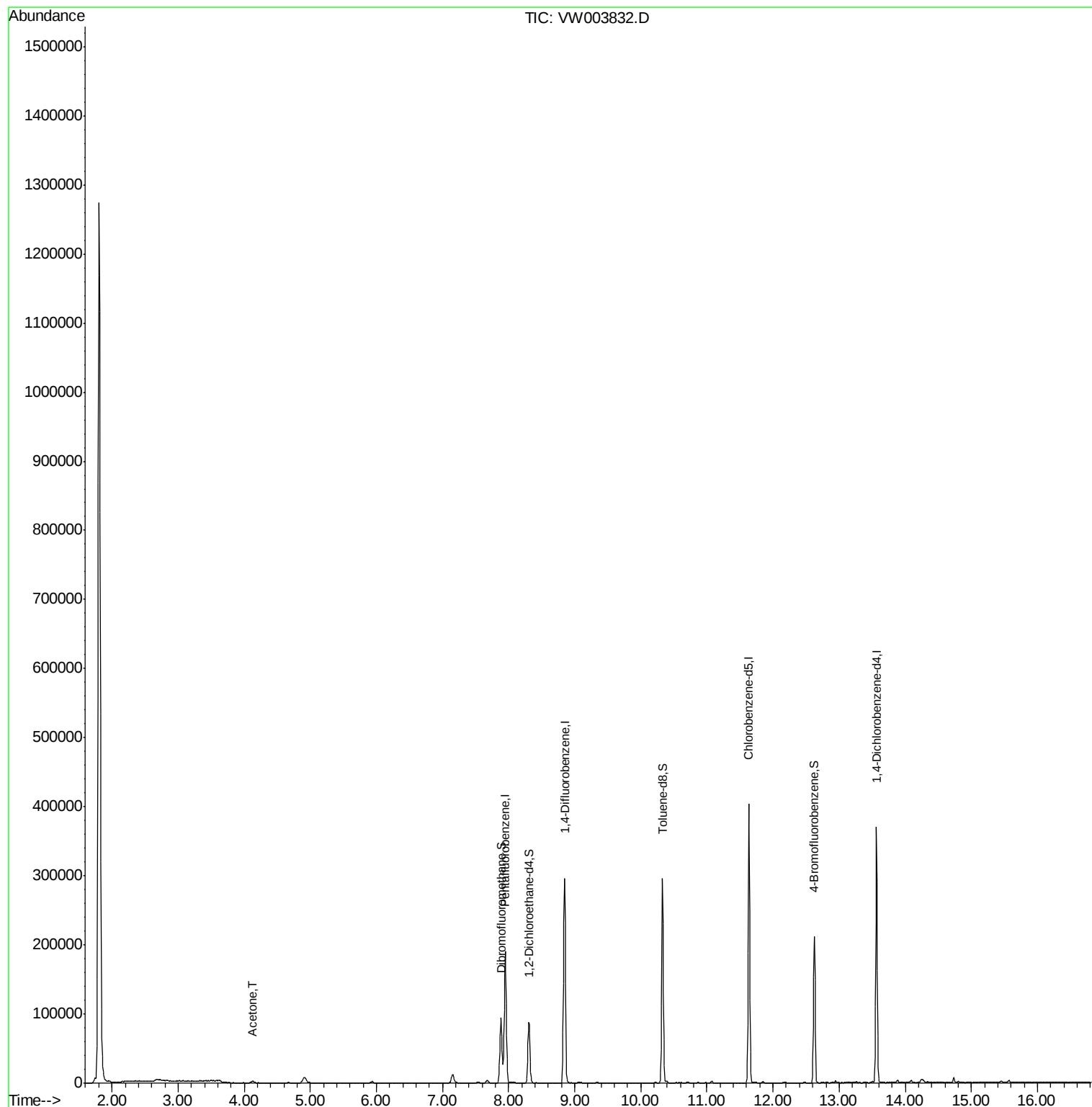
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	4592	15.15	ug/l	96

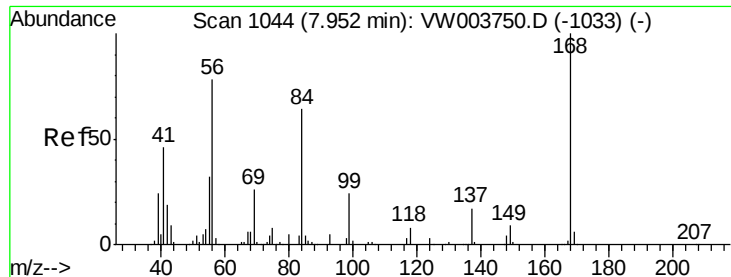
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

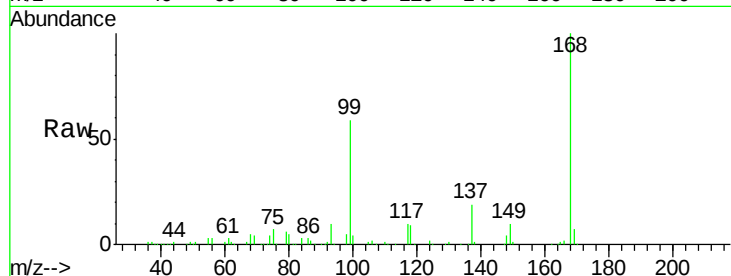
AOC7-SWN1-1-1.5

Tot Ion:168 Resp: 133634

Ion Ratio Lower Upper

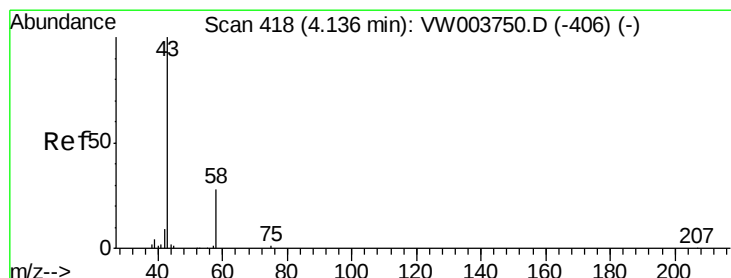
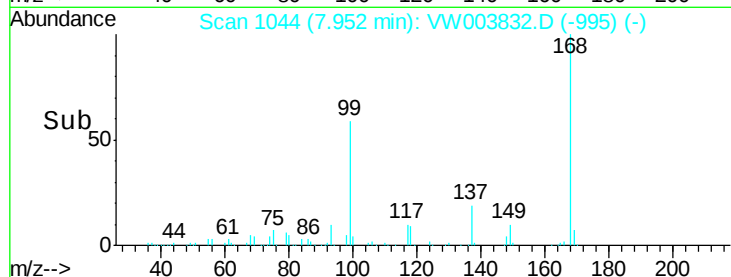
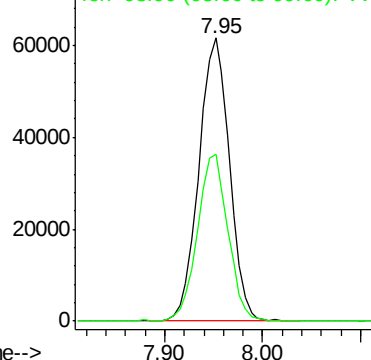
168 100

99 58.7 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: 15.15 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003832.D

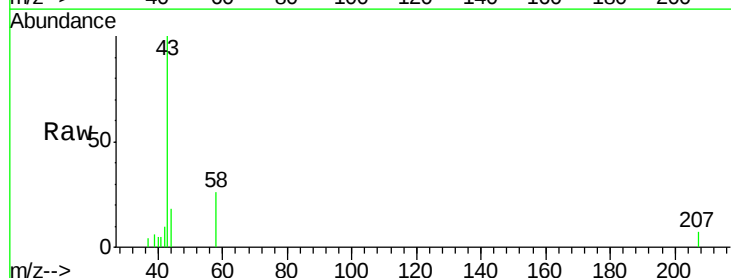
Acq: 10 Jul 2018 18:16

Tgt Ion: 43 Resp: 4592

Ion Ratio Lower Upper

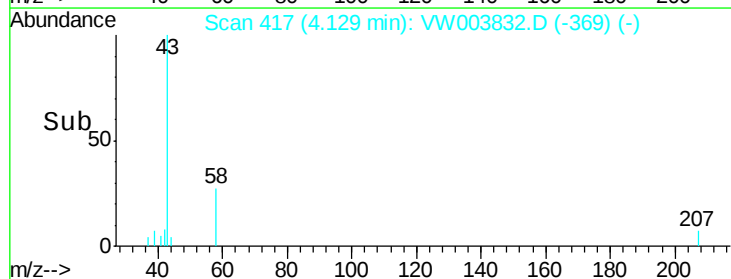
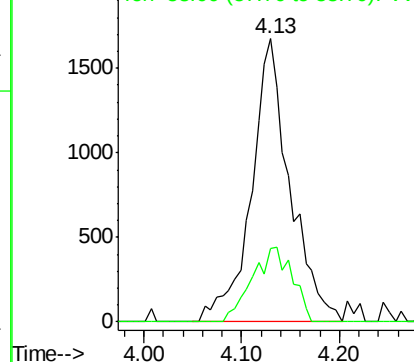
43 100

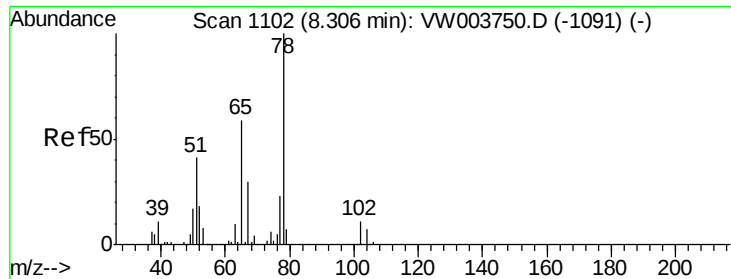
58 26.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

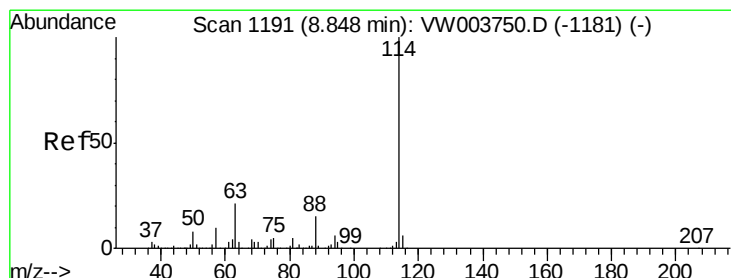
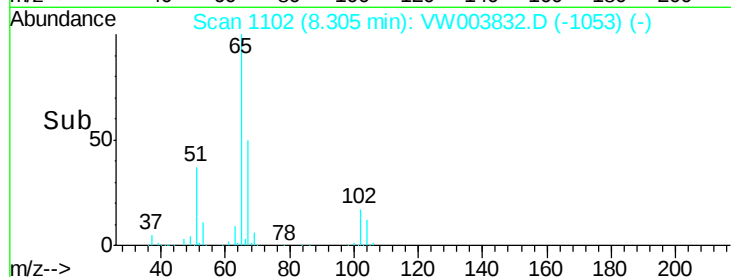
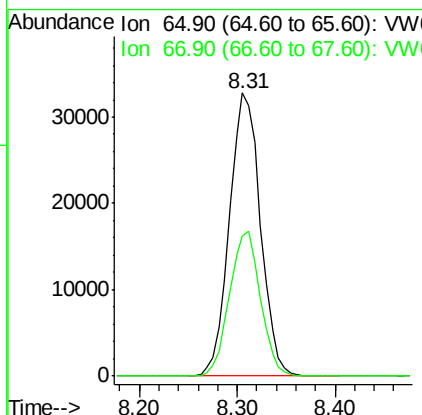
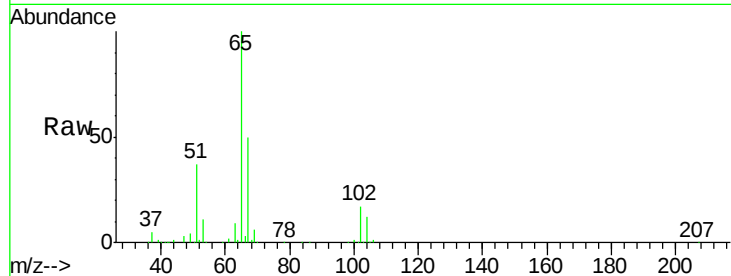




#33
 1,2-Dichloroethane-d4
 Concen: 41.22 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003832.D
 Acq: 10 Jul 2018 18:16

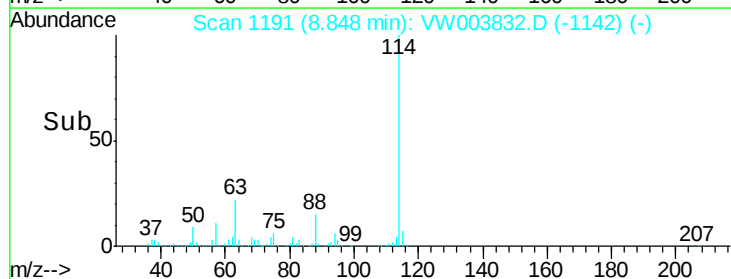
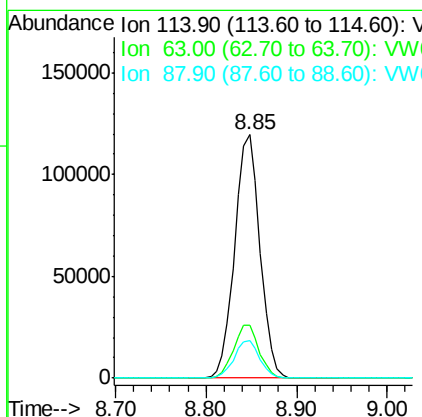
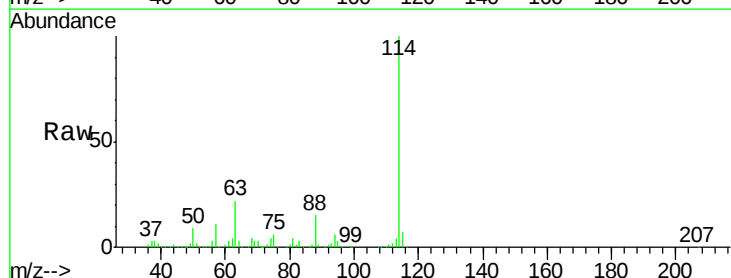
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC7-SWN1-1-1.5

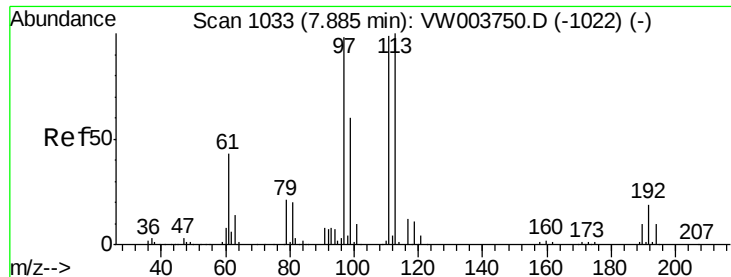
Tot Ion: 65 Resp: 72039
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003832.D
 Acq: 10 Jul 2018 18:16

Tgt Ion: 114 Resp: 231153
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.8
 88 15.5 0.0 30.2

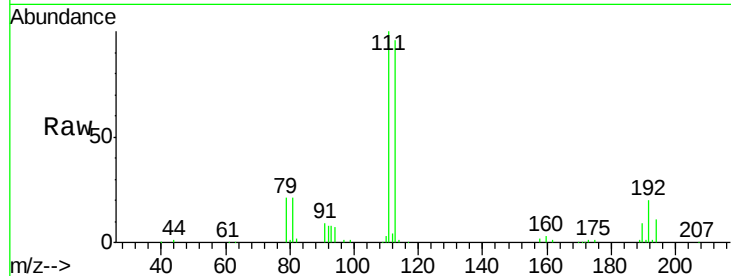




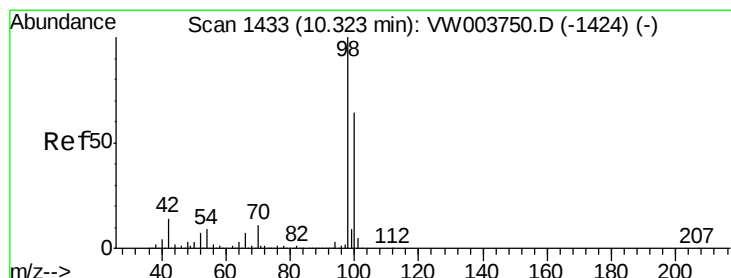
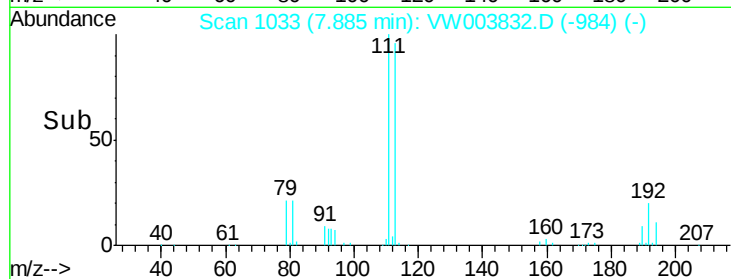
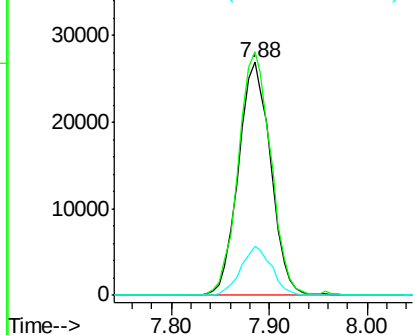
#35
 Dibromofluoromethane
 Concen: 38.23 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003832.D
 Acq: 10 Jul 2018 18:16

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC7-SWN1-1-1.5

Tot Ion:113 Resp: 61844
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.7 122.5
 192 20.0 15.8 23.8

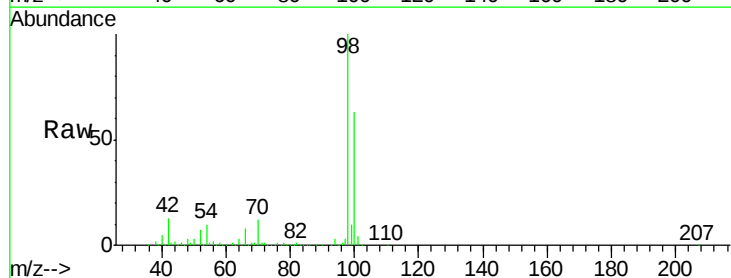


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

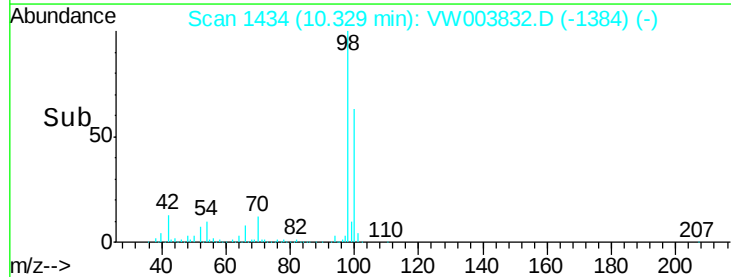
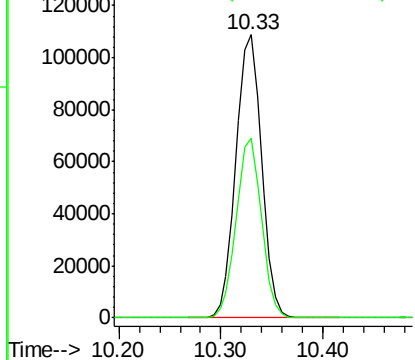


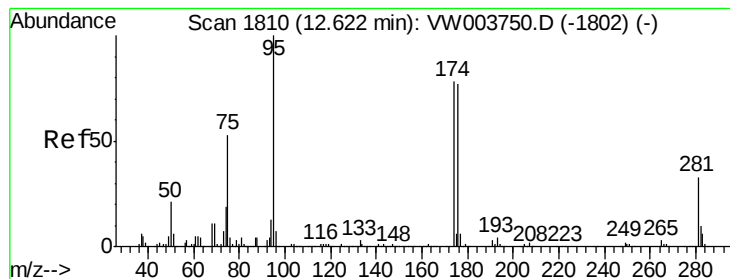
#50
 Toluene-d8
 Concen: 30.64 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003832.D
 Acq: 10 Jul 2018 18:16

Tgt Ion: 98 Resp: 189630
 Ion Ratio Lower Upper
 98 100
 100 62.3 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: 28.80 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

AOC7-SWN1-1-1.5

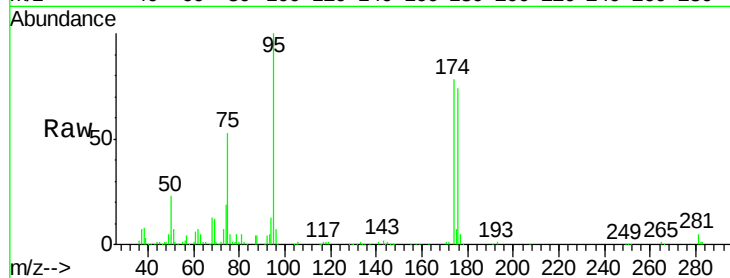
Tot Ion: 95 Resp: 64494

Ion Ratio Lower Upper

95 100

174 84.4 0.0 163.4

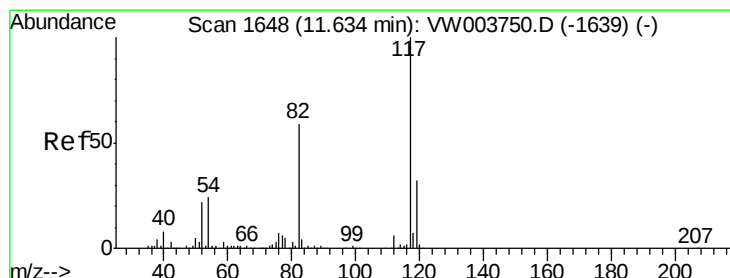
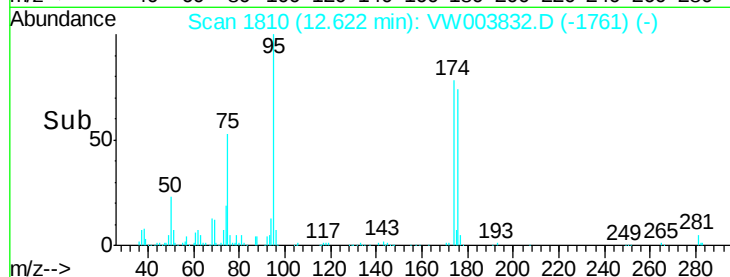
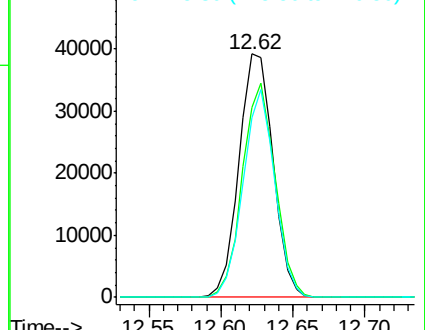
176 78.9 0.0 156.8



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: VW003832.D

Acq: 10 Jul 2018 18:16

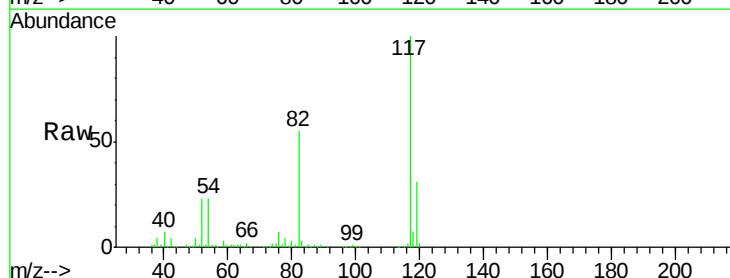
Tgt Ion: 117 Resp: 209615

Ion Ratio Lower Upper

117 100

82 54.9 46.9 70.3

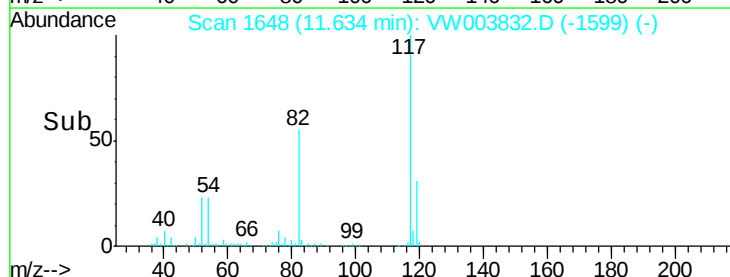
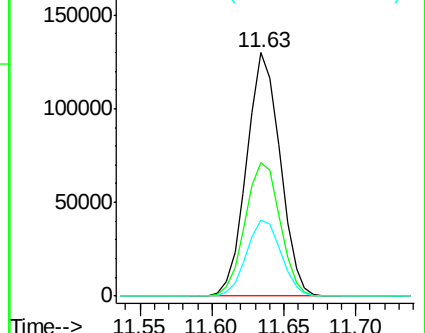
119 31.2 25.5 38.3

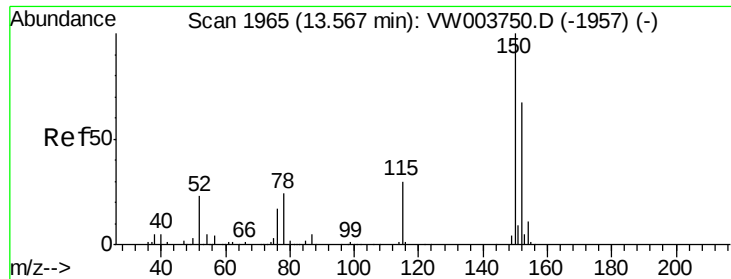


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW003832.D

Acq: 10 Jul 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

AOC7-SWN1-1-1.5

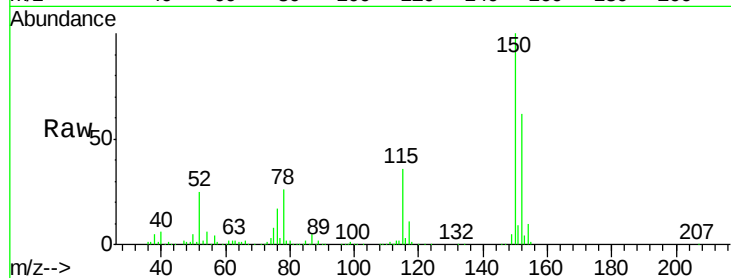
Tot Ion:152 Resp: 92272

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

150 158.9 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

