

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003990.D
 Acq On : 17 Jul 2018 17:28
 Operator : VA/AP
 Sample : J3819-05
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-C

Quant Time: Jul 18 05:25:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

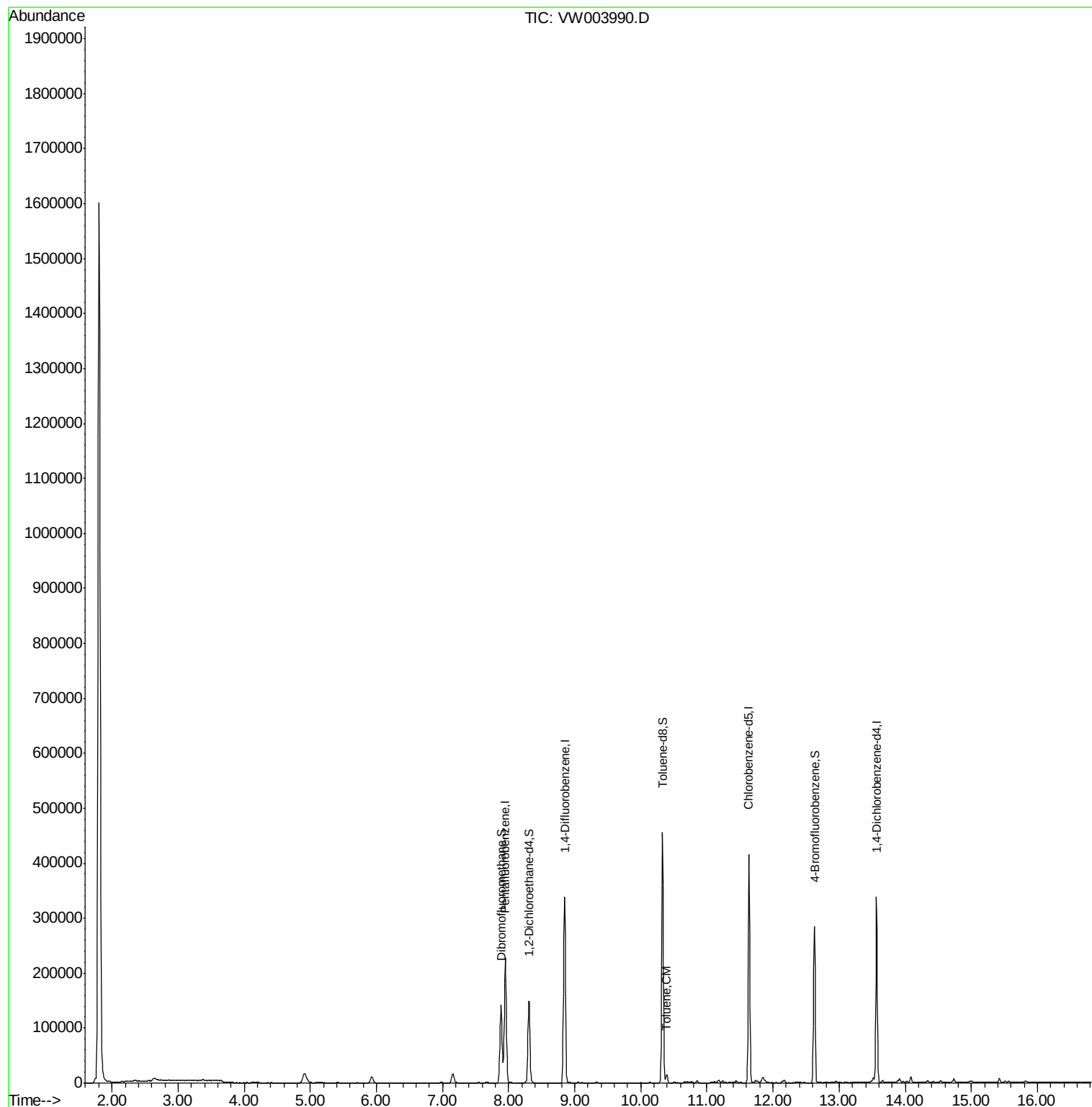
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	162379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	220820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119591	65.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.78%	
35) Dibromofluoromethane	7.88	113	100182	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
50) Toluene-d8	10.33	98	289812	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.02%	
62) 4-Bromofluorobenzene	12.62	95	87159	35.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.74%	
Target Compounds						
52) Toluene	10.39	92	5871	1.23	ug/l	Qvalue 93

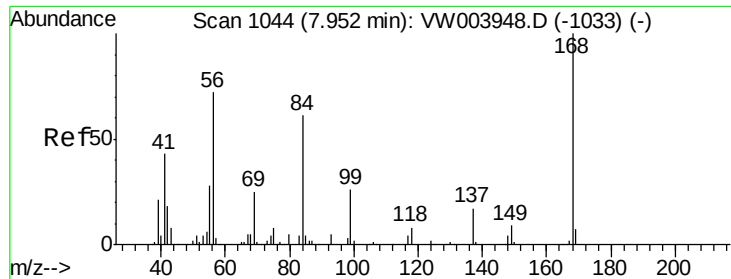
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003990.D

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ClientSampleId :

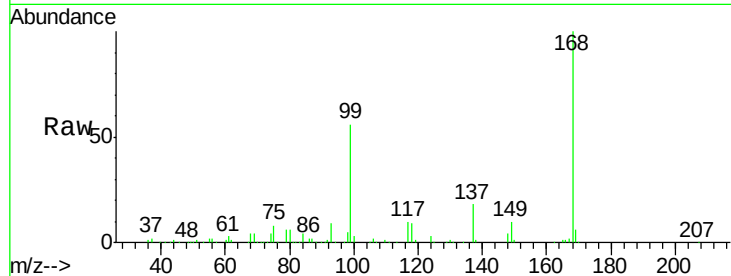
AU-05-071318-C

Tot Ion:168 Resp: 162379

Ion Ratio Lower Upper

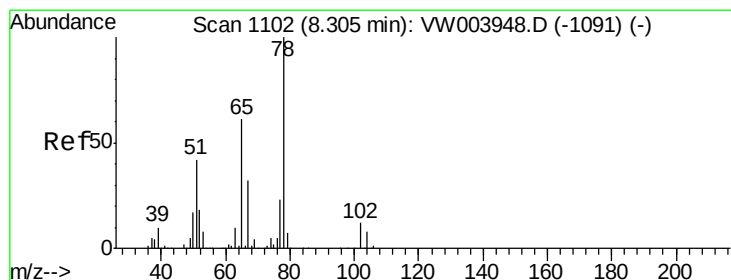
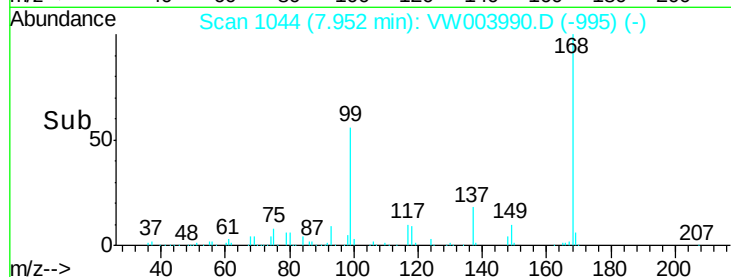
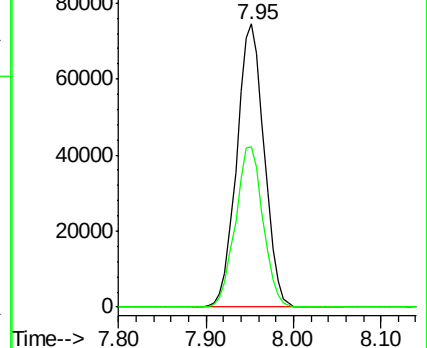
168 100

99 56.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 65.89 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003990.D

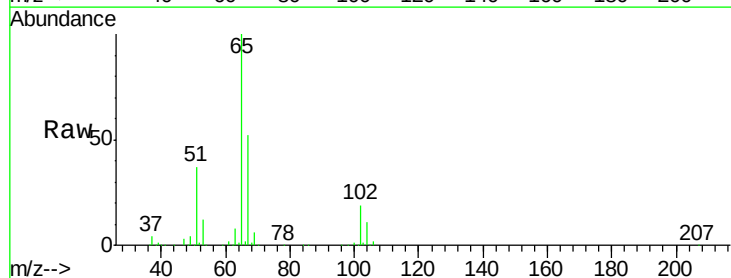
Acq: 17 Jul 2018 17:28

Tgt Ion: 65 Resp: 119591

Ion Ratio Lower Upper

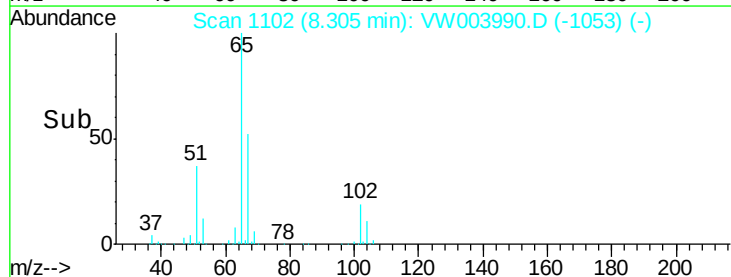
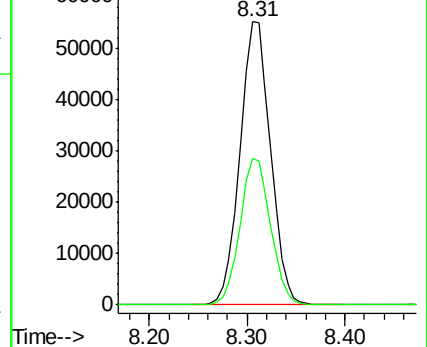
65 100

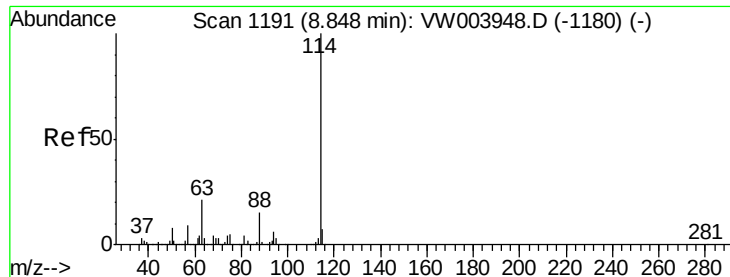
67 51.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003990.D

Acq: 17 Jul 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-C

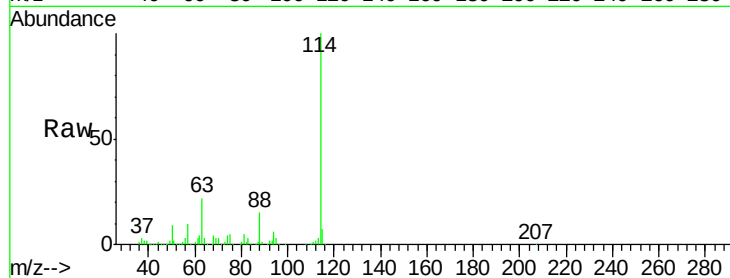
Tot Ion:114 Resp: 270635

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.8

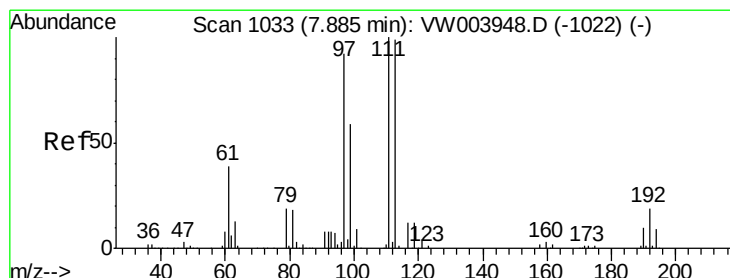
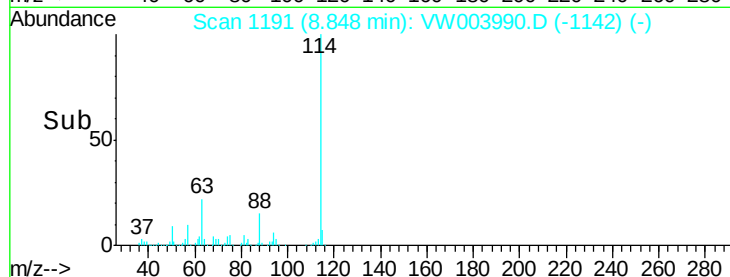
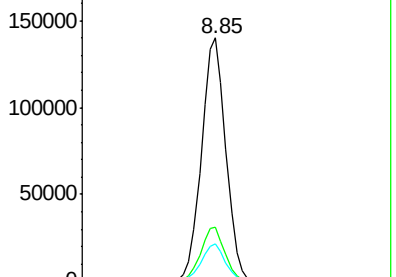
88 15.3 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 57.69 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003990.D

Acq: 17 Jul 2018 17:28

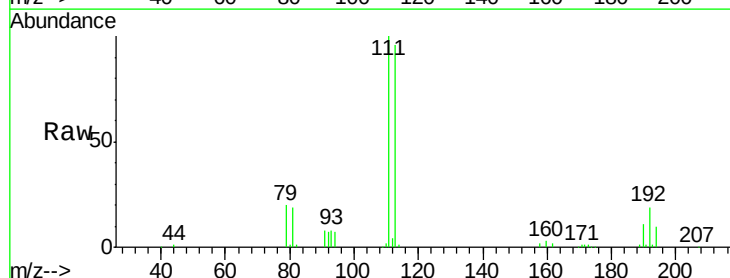
Tgt Ion:113 Resp: 100182

Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

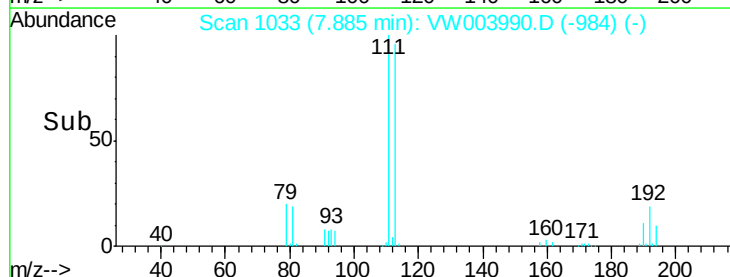
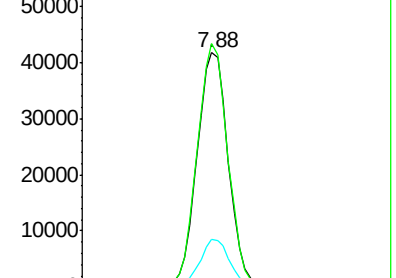
192 19.3 15.8 23.6

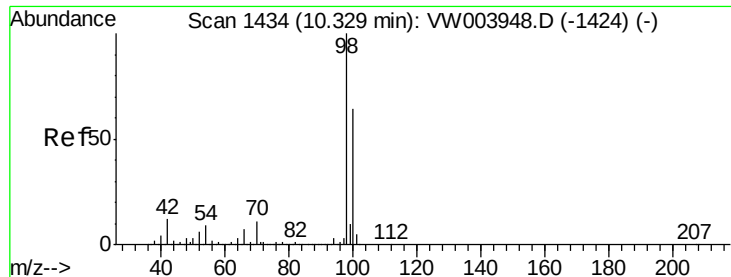


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

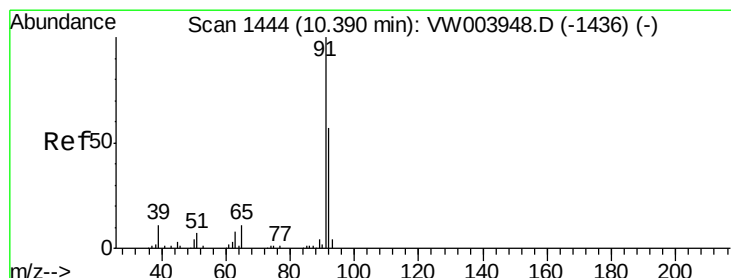
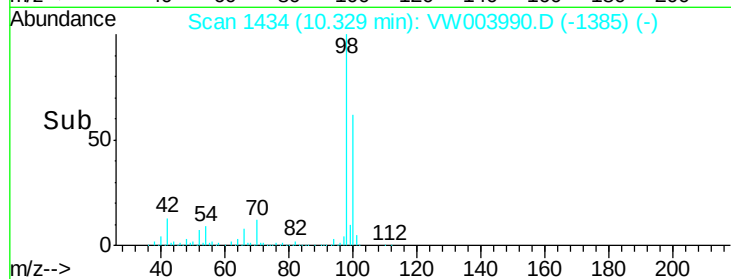
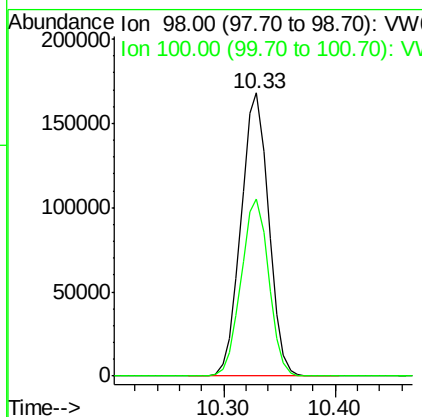
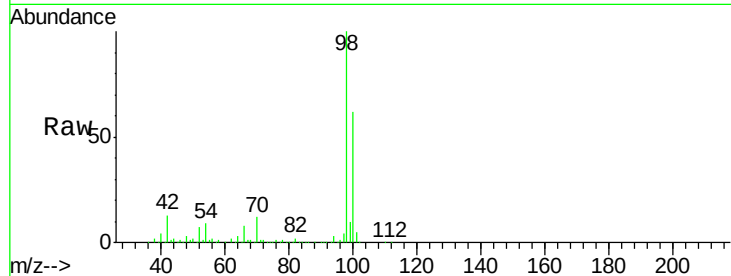




#50
Toluene-d8
Concen: 43.01 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

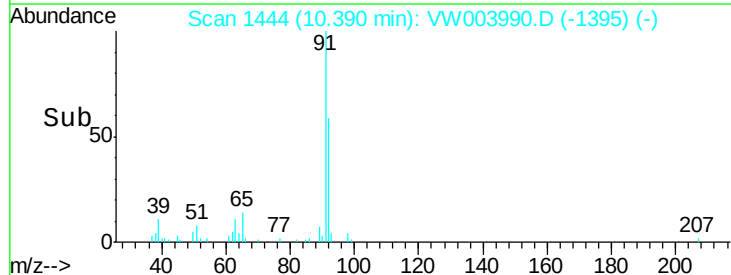
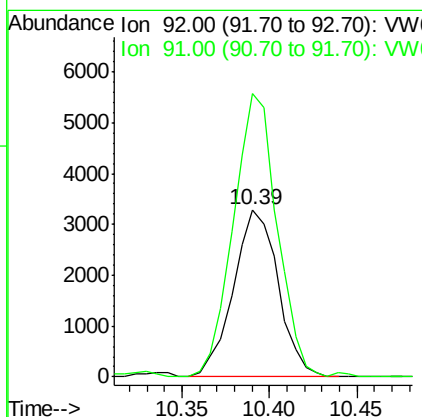
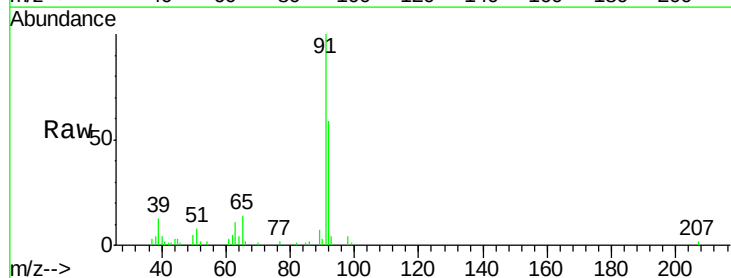
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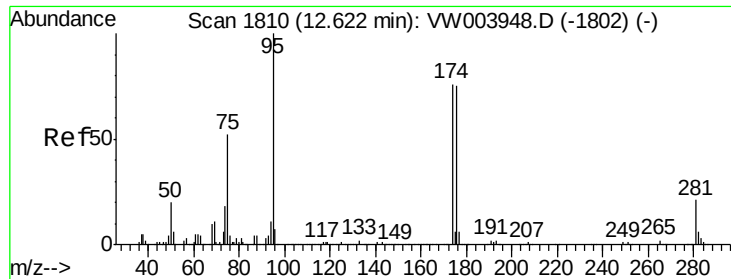
Tot Ion: 98 Resp: 289812
Ion Ratio Lower Upper
98 100
100 62.5 51.2 76.8



#52
Toluene
Concen: 1.23 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

Tgt Ion: 92 Resp: 5871
Ion Ratio Lower Upper
92 100
91 164.7 139.6 209.4

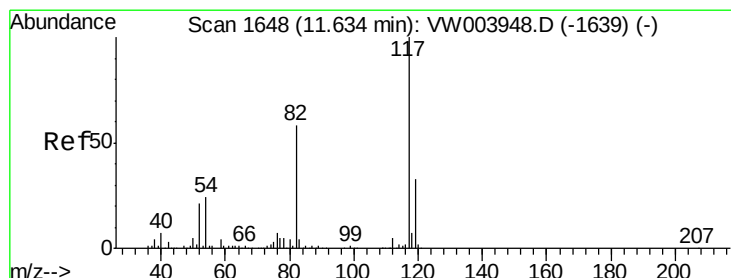
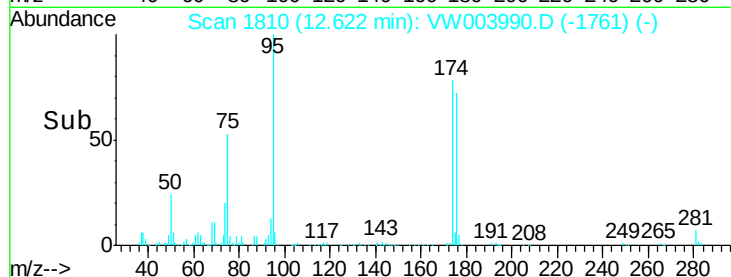
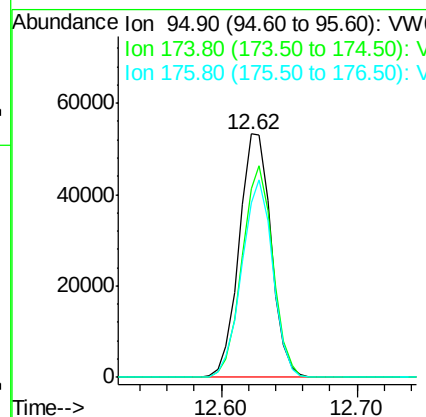
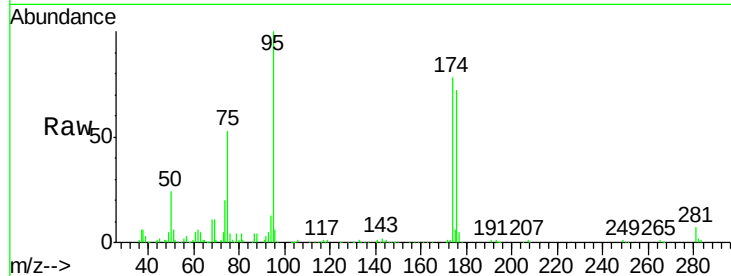




#62
4-Bromofluorobenzene
Concen: 35.87 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

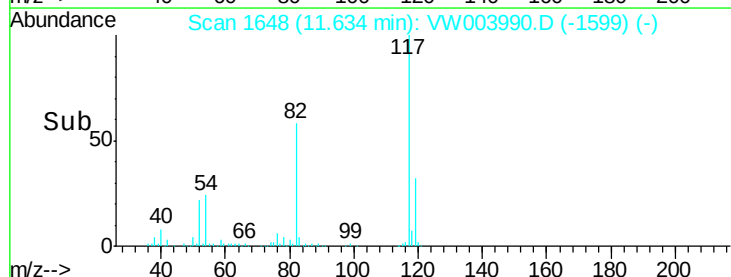
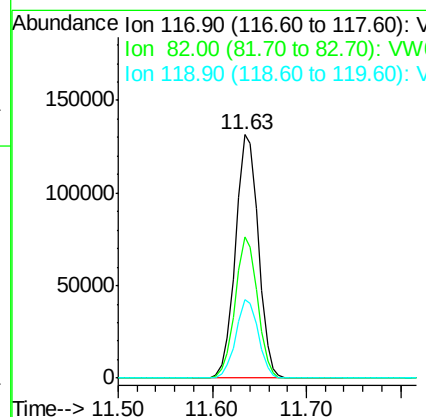
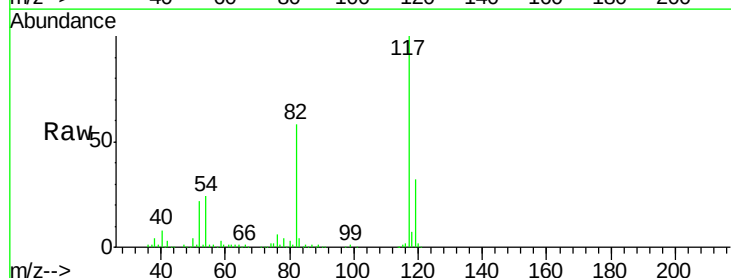
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-C

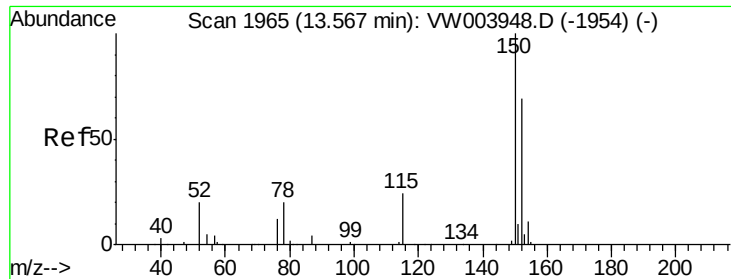
Tot Ion: 95 Resp: 87159
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.2
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

Tgt Ion: 117 Resp: 220820
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003990.D

Acq: 17 Jul 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-C

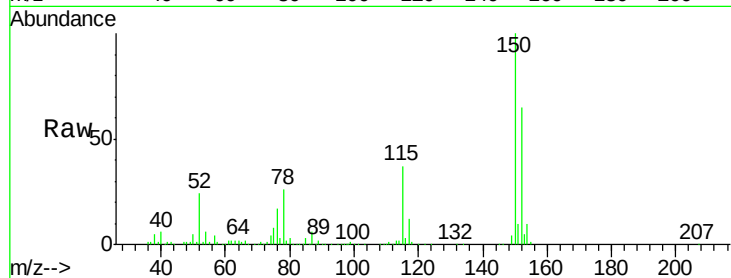
Tot Ion:152 Resp: 83585

Ion Ratio Lower Upper

152 100

115 58.7 29.2 87.6

150 157.4 0.0 345.2



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

