

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005554.D
 Acq On : 21 Sep 2018 12:40
 Operator : VA/AP
 Sample : J5002-01RE
 Misc : 11.30G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BACKFILL-12TH-AVERE

Quant Time: Sep 21 16:11:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

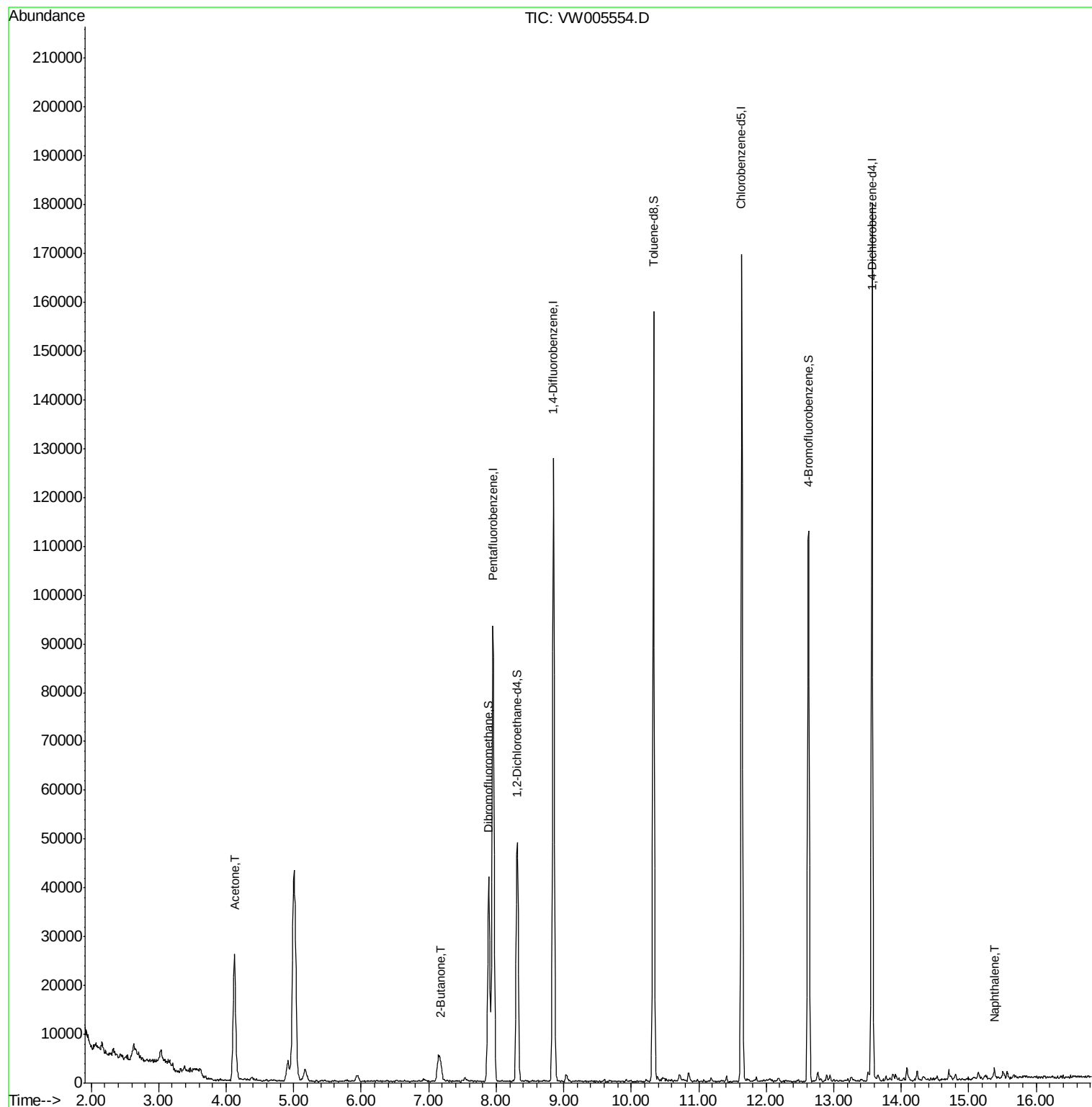
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	103572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	96005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41642	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	7.89	113	29837	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	10.33	98	103355	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	
62) 4-Bromofluorobenzene	12.62	95	35641	36.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.64%	
Target Compounds						
16) Acetone	4.12	43	44481	355.752	ug/l	Qvalue 100
25) 2-Butanone	7.18	43	4600	23.546	ug/l	95
95) Naphthalene	15.38	128	1785	1.119	ug/l #	90

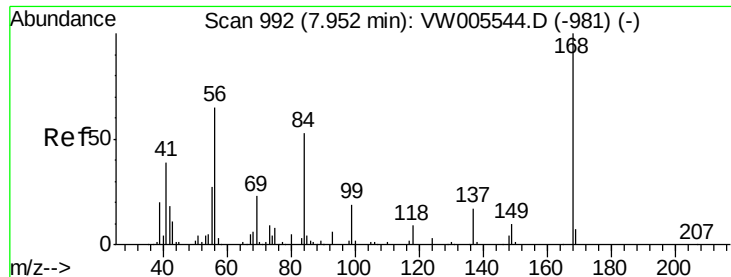
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

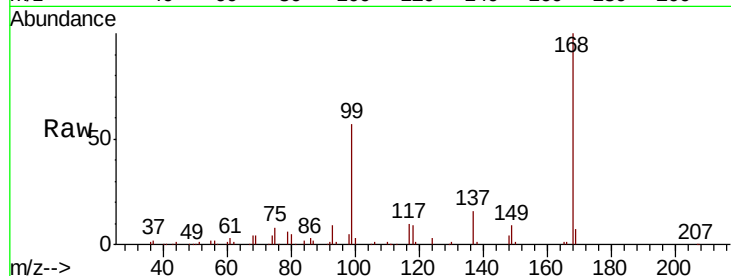
BACKFILL-12TH-AVERE

Tot Ion:168 Resp: 68278

Ion Ratio Lower Upper

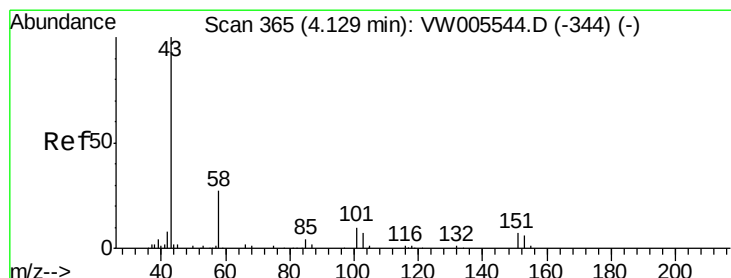
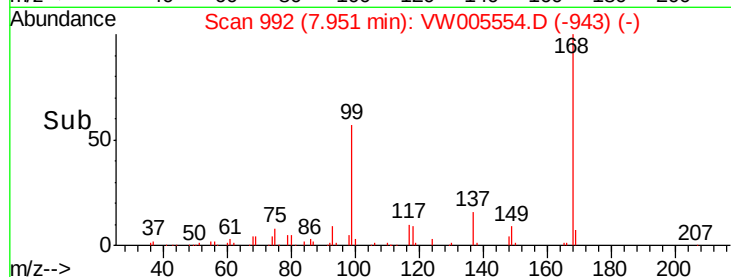
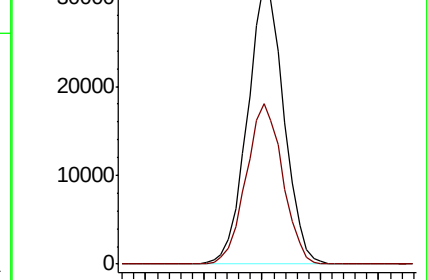
168 100

99 56.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 355.752 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005554.D

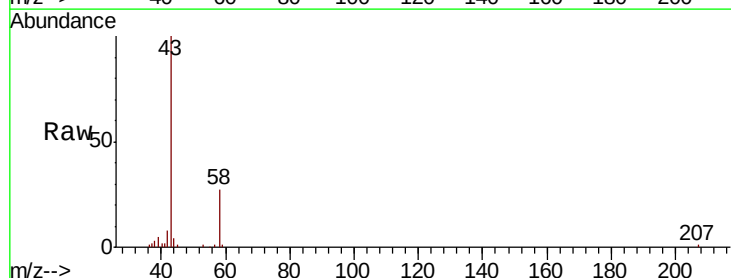
Acq: 21 Sep 2018 12:40

Tgt Ion: 43 Resp: 44481

Ion Ratio Lower Upper

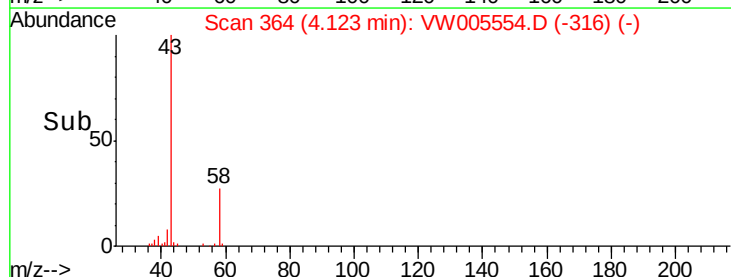
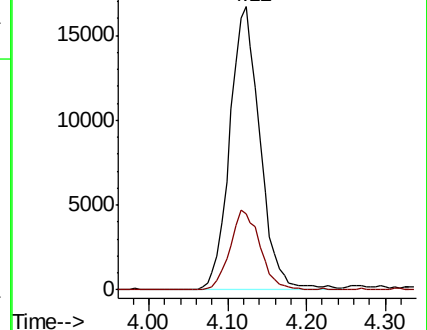
43 100

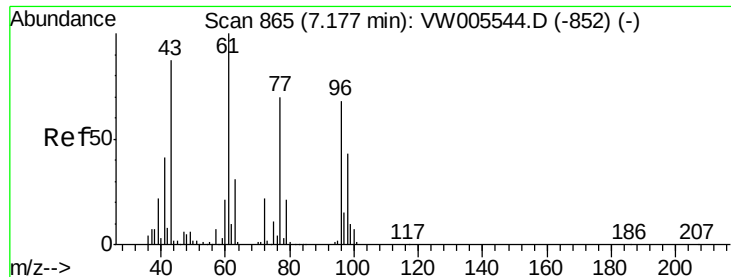
58 27.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 23.546 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

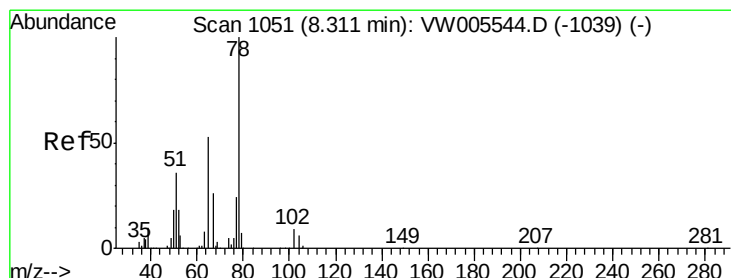
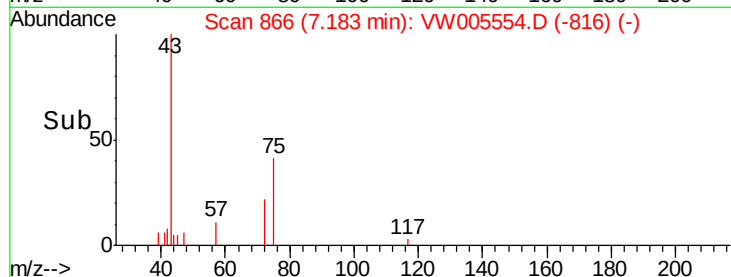
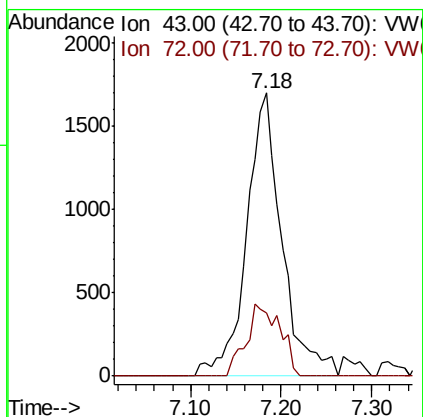
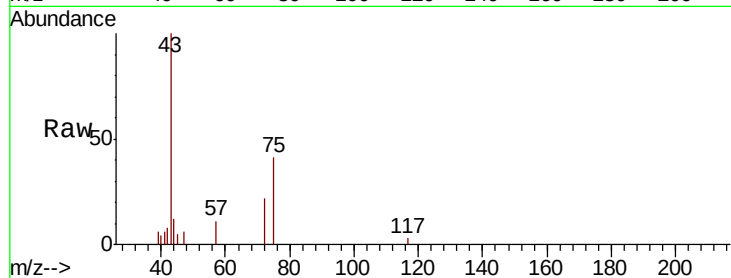
BACKFILL-12TH-AVERE

Tot Ion: 43 Resp: 4600

Ion Ratio Lower Upper

43 100

72 22.2 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 51.770 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005554.D

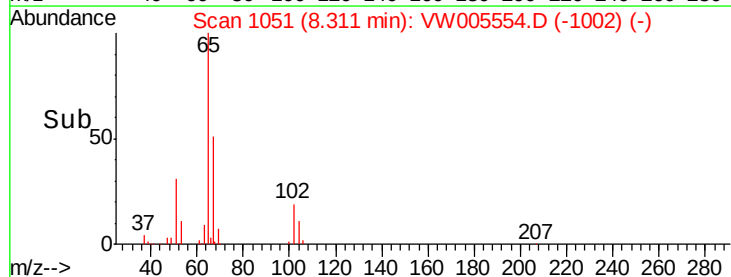
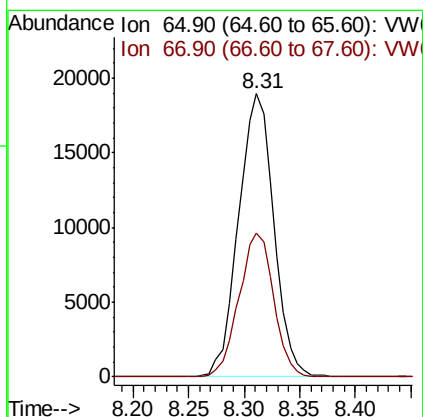
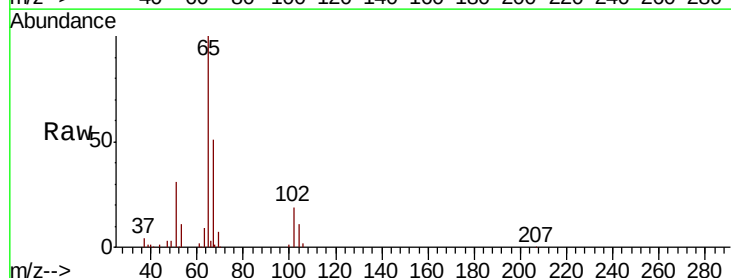
Acq: 21 Sep 2018 12:40

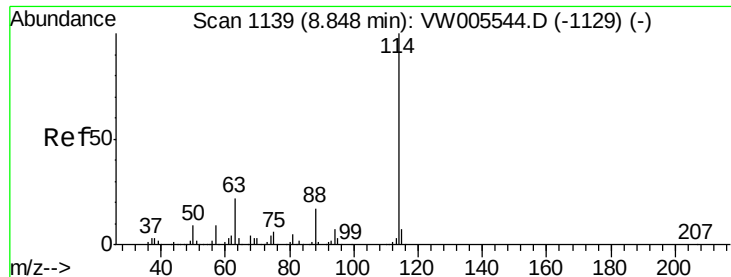
Tgt Ion: 65 Resp: 41642

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

BACKFILL-12TH-AVERE

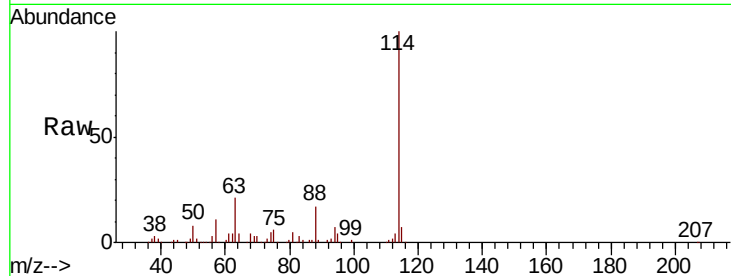
Tot Ion:114 Resp: 103572

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

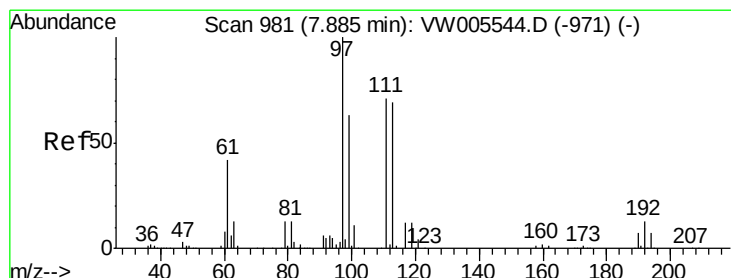
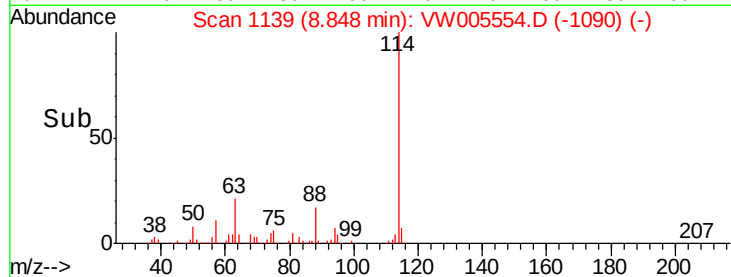
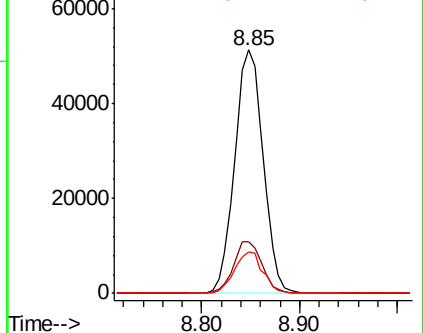
88 16.8 0.0 33.0



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: 45.810 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

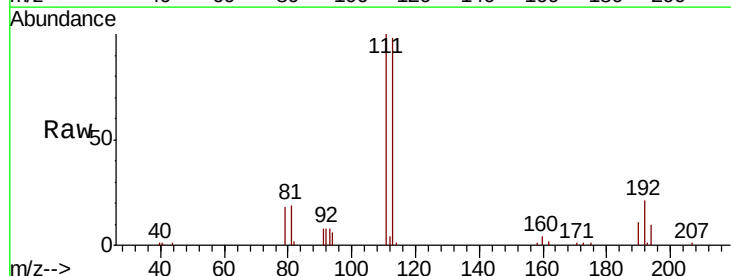
Tgt Ion:113 Resp: 29837

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

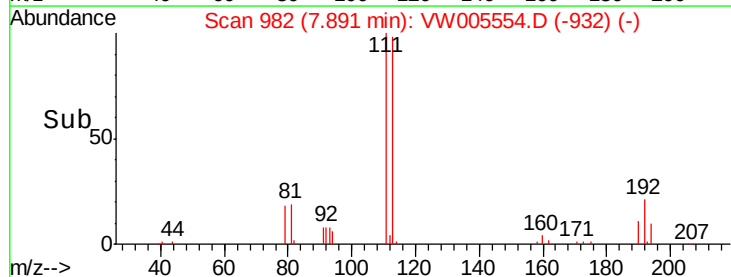
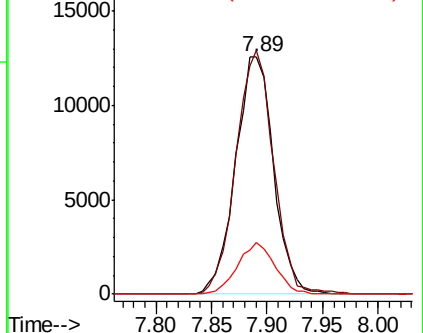
192 21.4 17.0 25.4

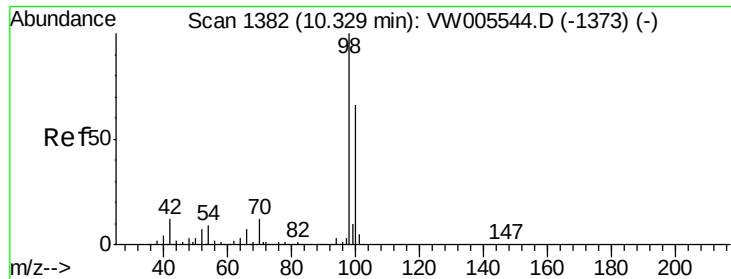


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.972 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

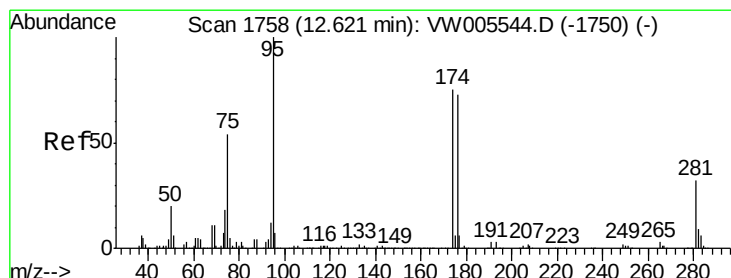
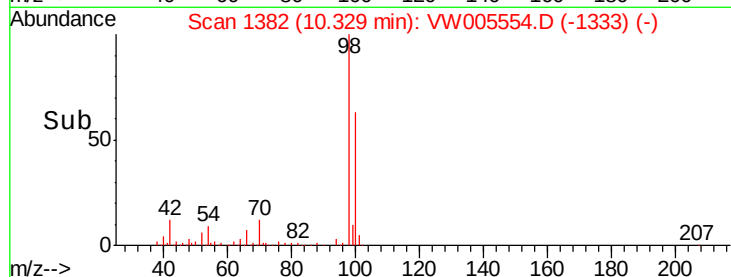
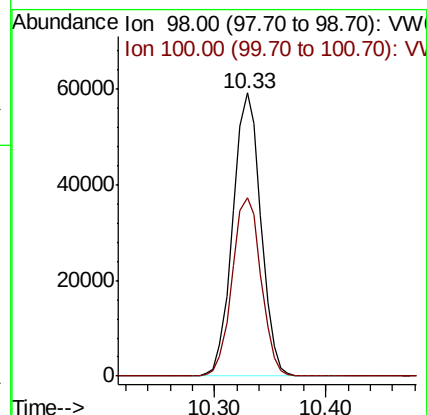
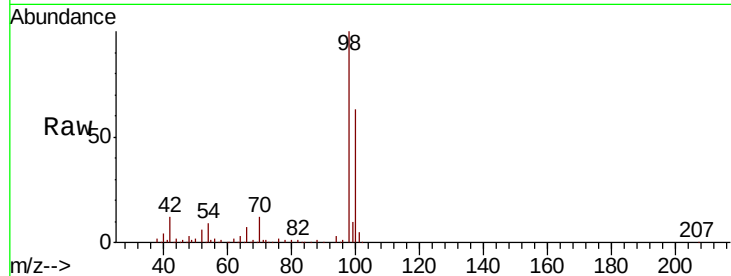
BACKFILL-12TH-AVERE

Tot Ion: 98 Resp: 103355

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.319 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

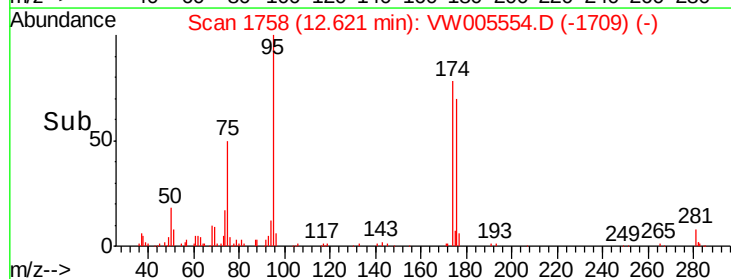
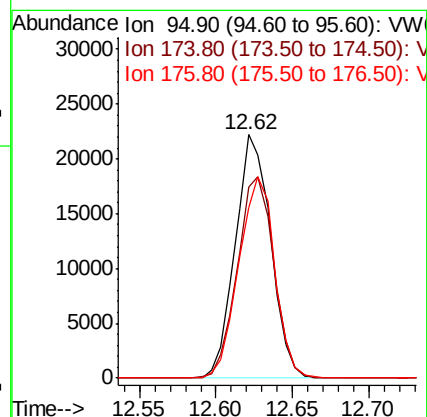
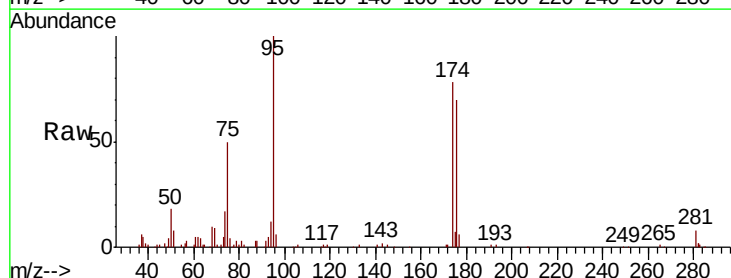
Tgt Ion: 95 Resp: 35641

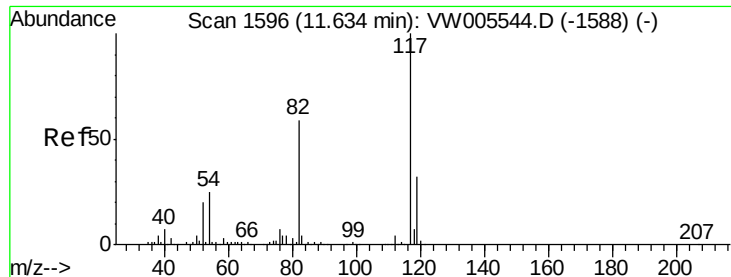
Ion Ratio Lower Upper

95 100

174 85.4 0.0 163.8

176 83.8 0.0 158.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

BACKFILL-12TH-AVERE

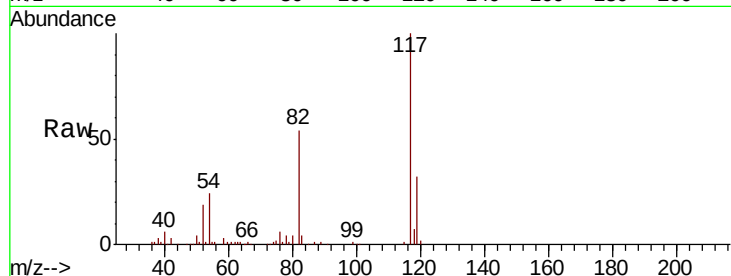
Tot Ion:117 Resp: 96005

Ion Ratio Lower Upper

117 100

82 54.4 46.9 70.3

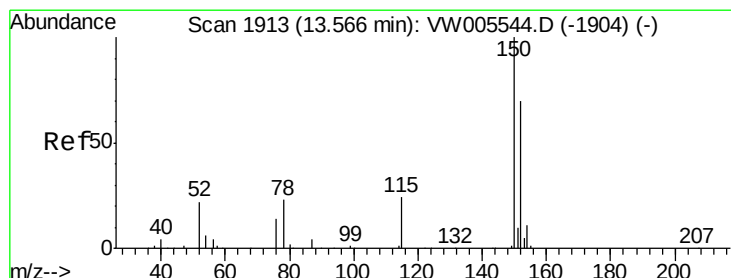
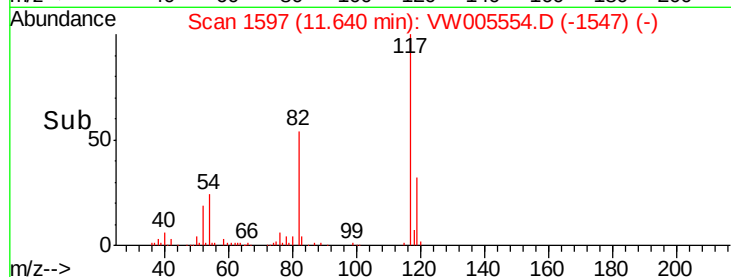
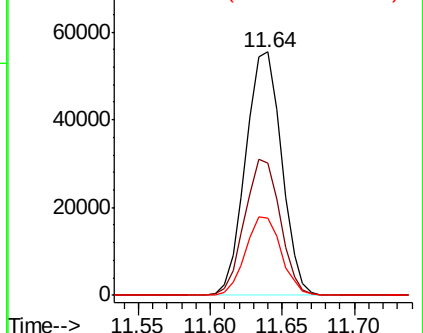
119 31.9 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

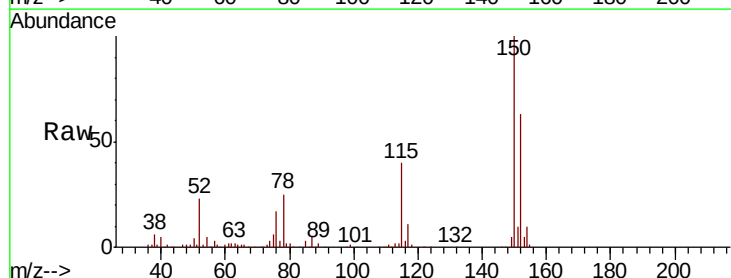
Tgt Ion:152 Resp: 45296

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

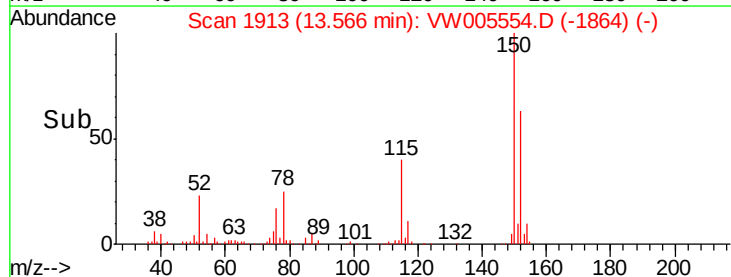
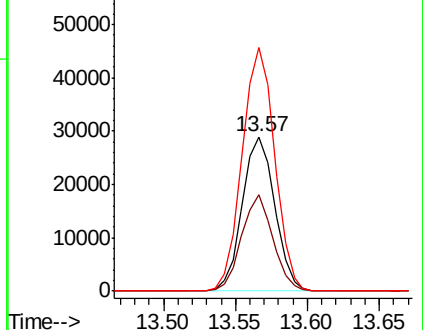
150 158.0 0.0 348.6

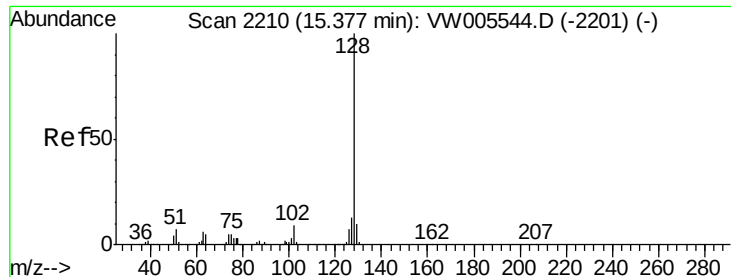


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.119 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005554.D

Acq: 21 Sep 2018 12:40

Instrument :

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BACKFILL-12TH-AVERE

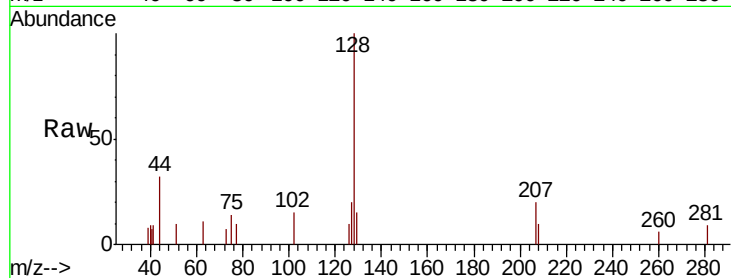
Tot Ion:128 Resp: 1785

Ion Ratio Lower Upper

128 100

127 19.1 10.9 16.3#

129 12.5 8.6 13.0



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

