

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005498.D
 Acq On : 18 Sep 2018 23:26
 Operator : SY/AP
 Sample : J4959-01RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BACKFILL-SW2RE

Quant Time: Sep 19 06:56:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	258401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	398217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196269	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	124156	46.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.58%	
35) Dibromofluoromethane	7.90	113	96859	41.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.32%	
50) Toluene-d8	10.33	98	376506	35.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.72%	
62) 4-Bromofluorobenzene	12.63	95	161206	41.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.58%	

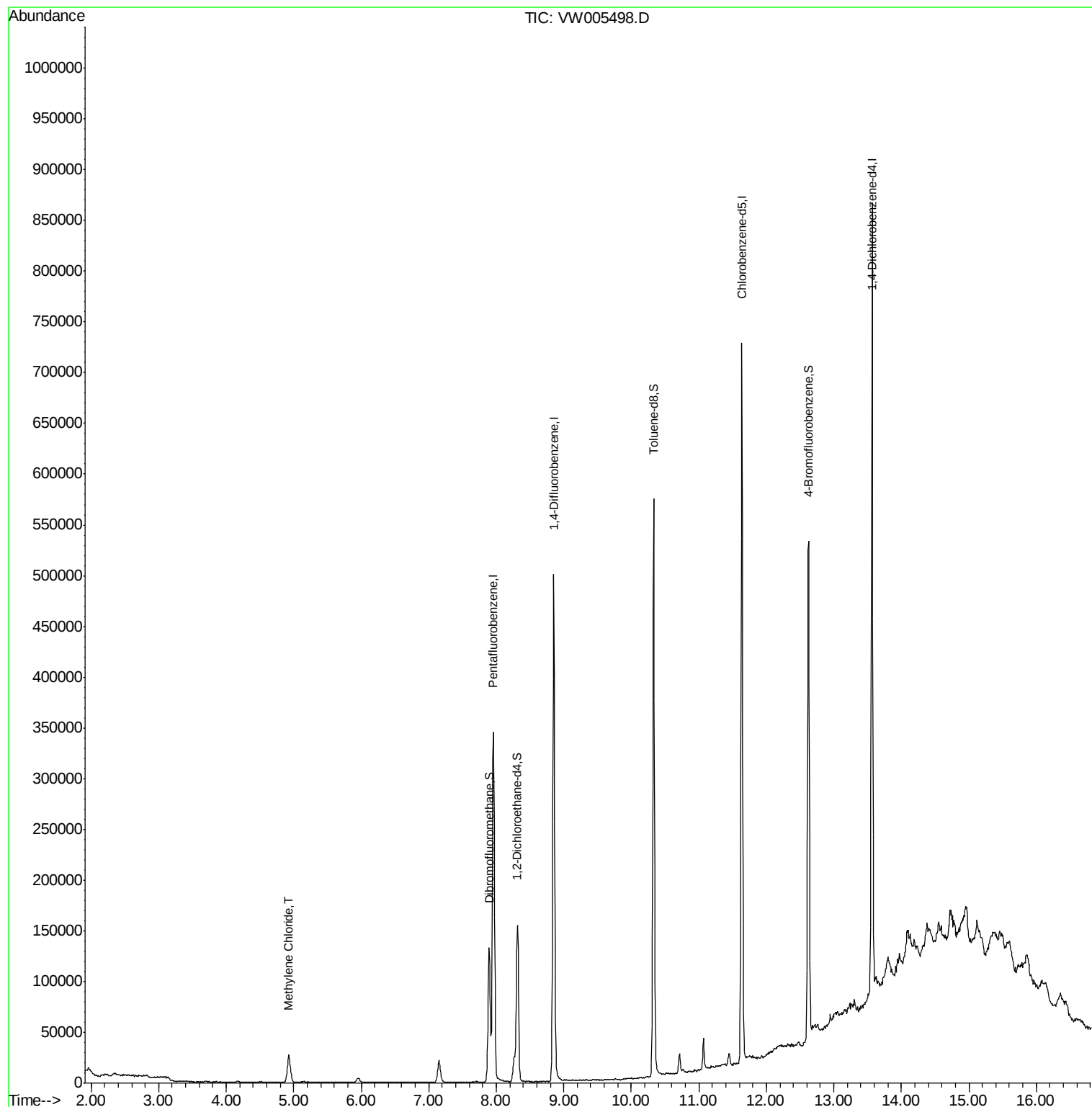
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	18839	1.51	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

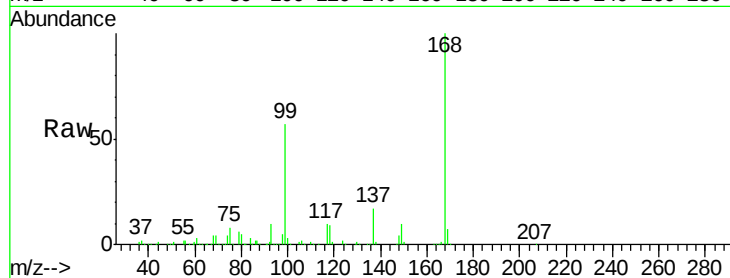
BACKFILL-SW2RE

Tot Ion:168 Resp: 258401

Ion Ratio Lower Upper

168 100

99 57.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

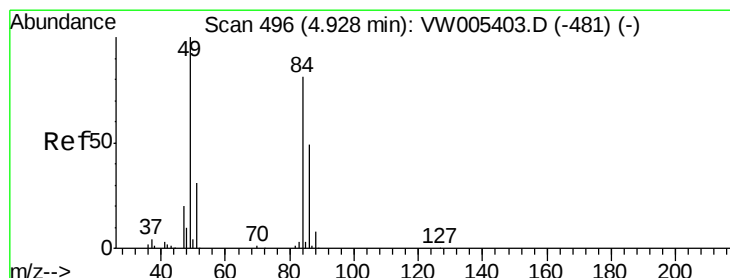
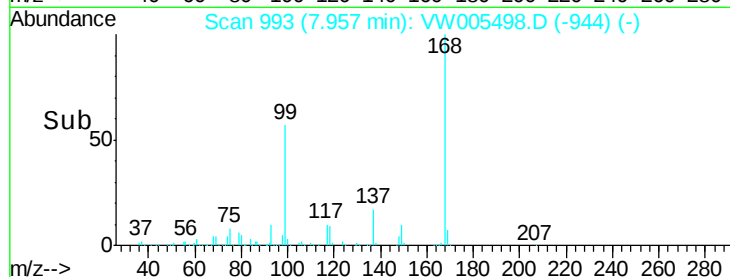
7.96

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.51 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Tgt Ion: 84 Resp: 18839

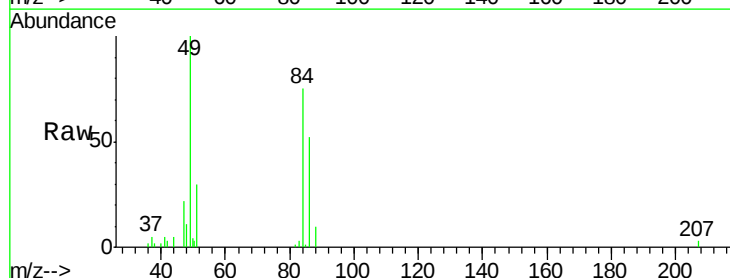
Ion Ratio Lower Upper

84 100

49 132.6 99.3 148.9

51 39.2 31.1 46.7

86 69.4 49.1 73.7



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

12000

10000

8000

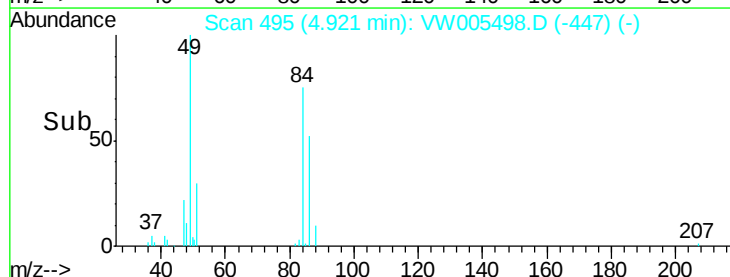
6000

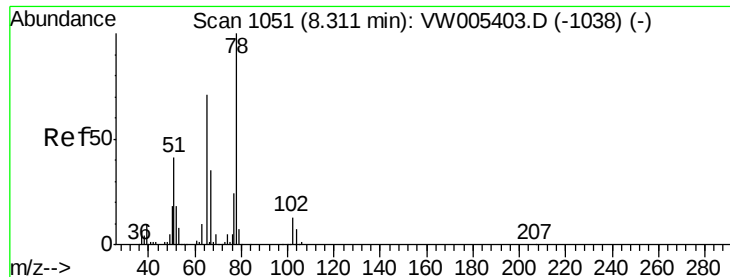
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.29 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

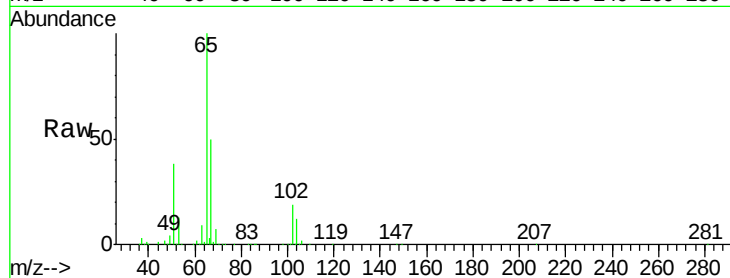
BACKFILL-SW2RE

Tot Ion: 65 Resp: 124156

Ion Ratio Lower Upper

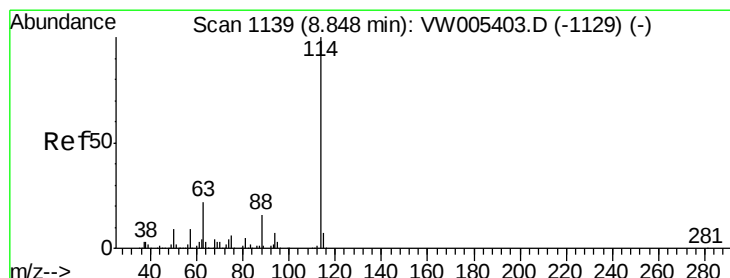
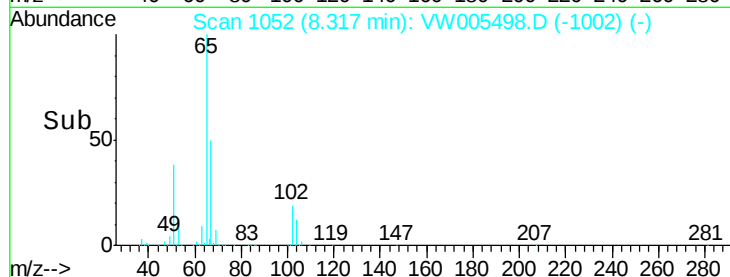
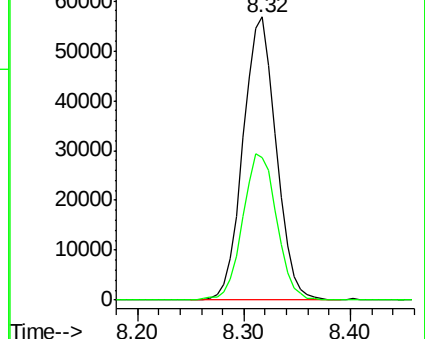
65 100

67 53.2 0.0 100.6



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# 1140

Delta R.T. 0.01 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

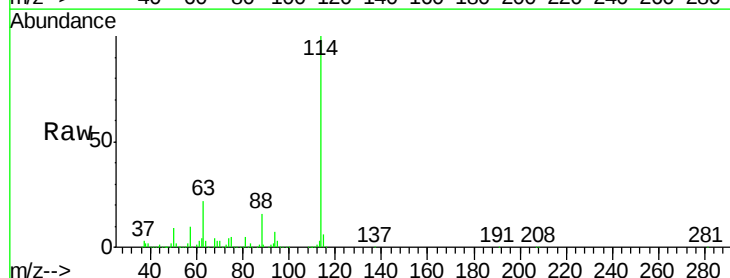
Tgt Ion: 114 Resp: 414675

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

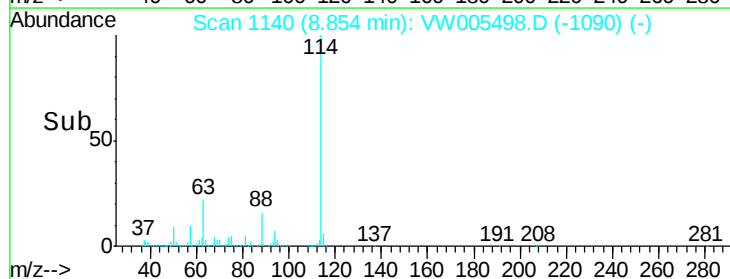
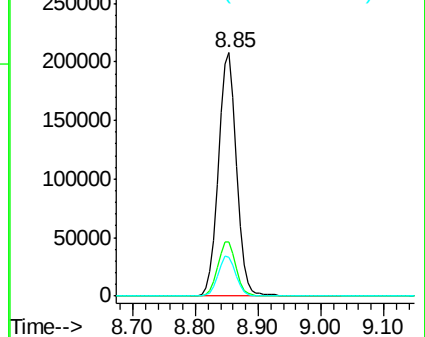
88 16.1 0.0 31.8

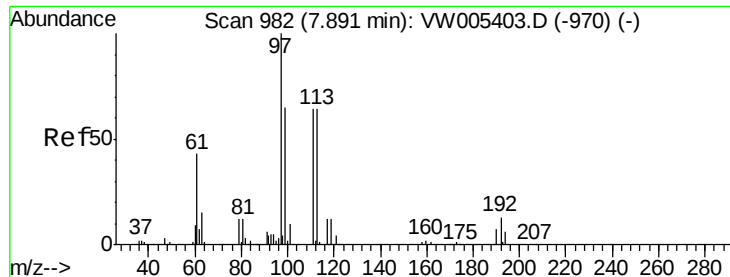


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

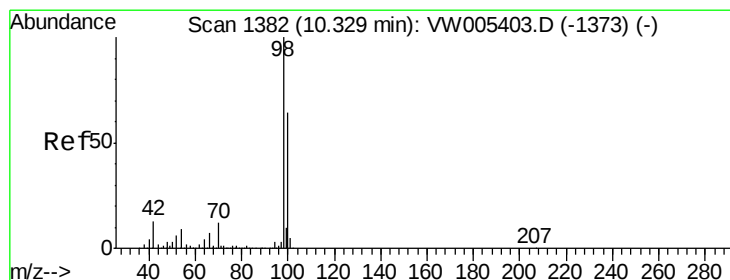
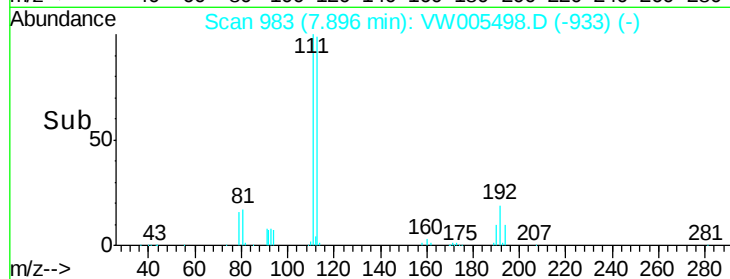
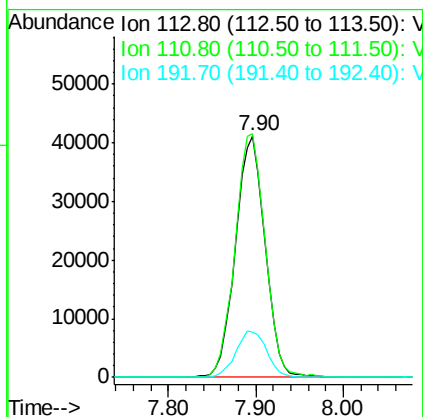
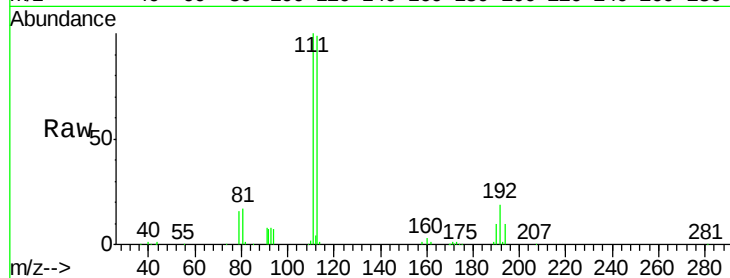




#35
 Dibromofluoromethane
 Concen: 41.66 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

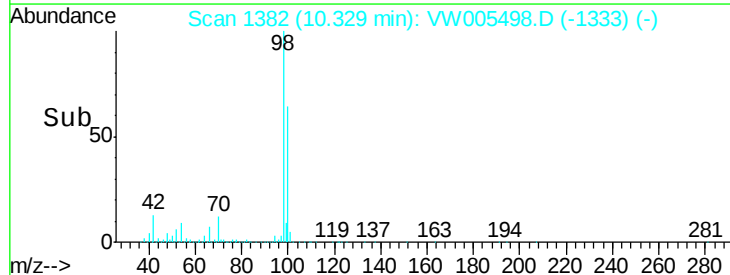
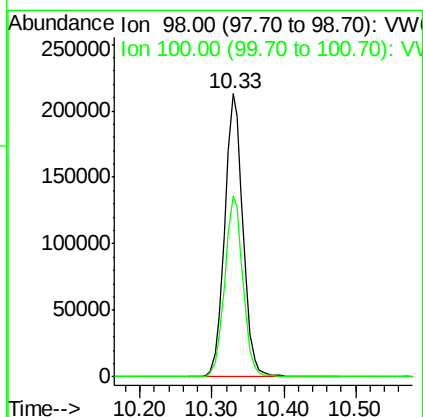
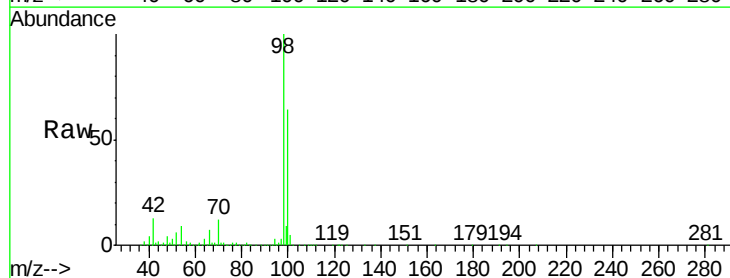
Instrument :
 MSVOA_W
 ClientSampleId :
 BACKFILL-SW2RE

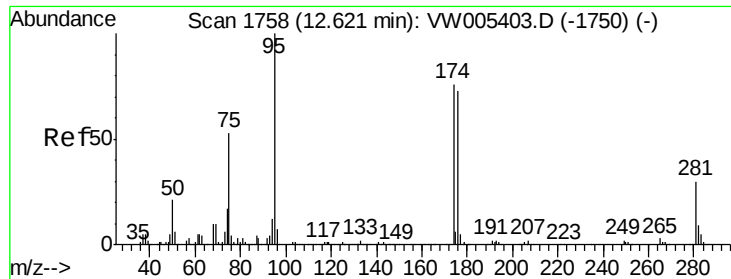
Tot Ion:113 Resp: 96859
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 19.9 16.5 24.7



#50
 Toluene-d8
 Concen: 35.36 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005498.D
 Acq: 18 Sep 2018 23:26

Tgt Ion: 98 Resp: 376506
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0

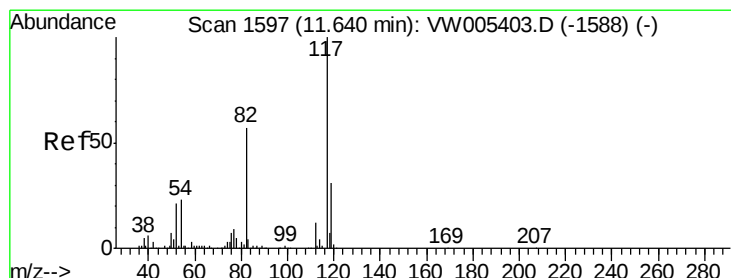
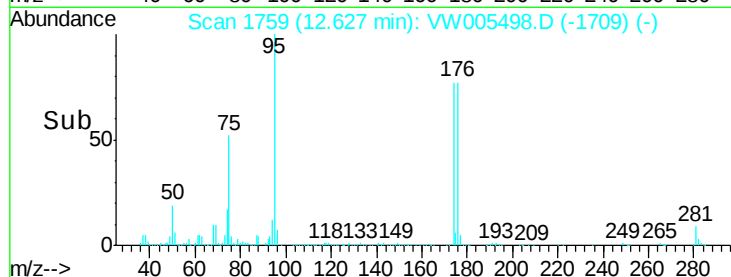
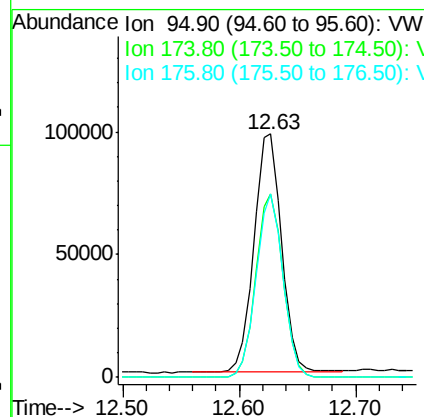
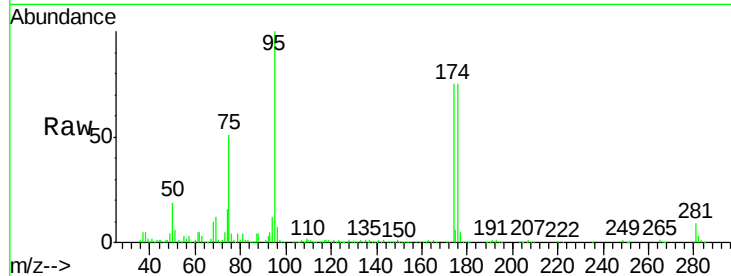




#62
4-Bromofluorobenzene
Concen: 41.29 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005498.D
Acq: 18 Sep 2018 23:26

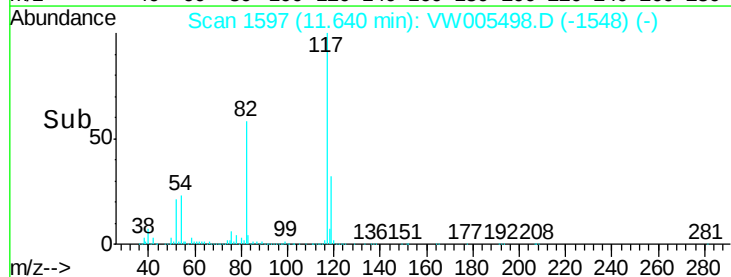
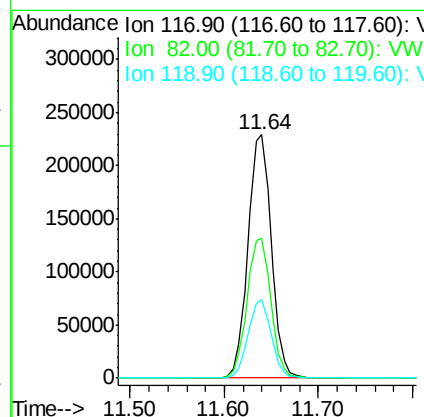
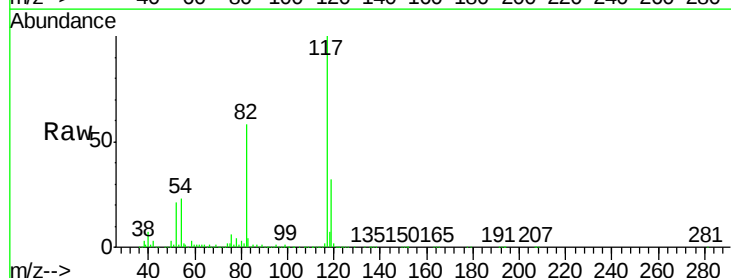
Instrument :
MSVOA_W
ClientSampleId :
BACKFILL-SW2RE

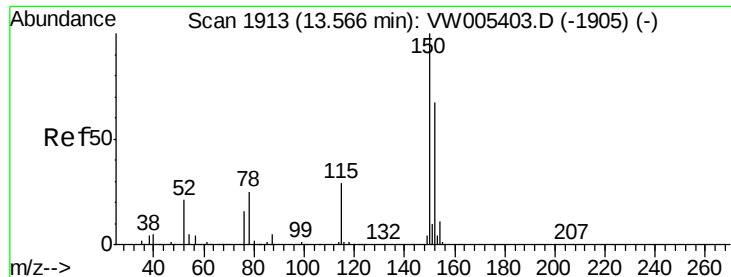
Tot Ion: 95 Resp: 161206
Ion Ratio Lower Upper
95 100
174 75.6 0.0 161.2
176 74.2 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005498.D
Acq: 18 Sep 2018 23:26

Tgt Ion: 117 Resp: 398217
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.4 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005498.D

Acq: 18 Sep 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

BACKFILL-SW2RE

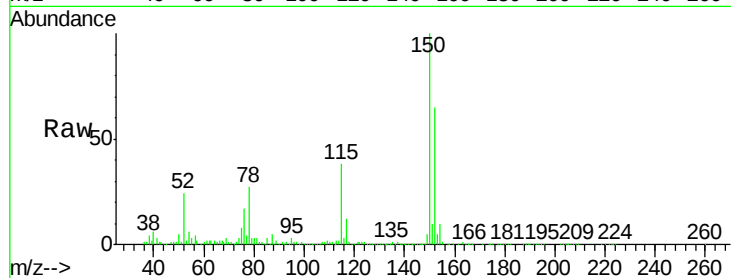
Tot Ion:152 Resp: 196269

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

150 156.8 0.0 345.6



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

