

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005907.D
 Acq On : 08 Oct 2018 20:18
 Operator : SY/AP
 Sample : J5302-03
 Misc : 5.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-3-(16.5-17)

Quant Time: Oct 09 07:32:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

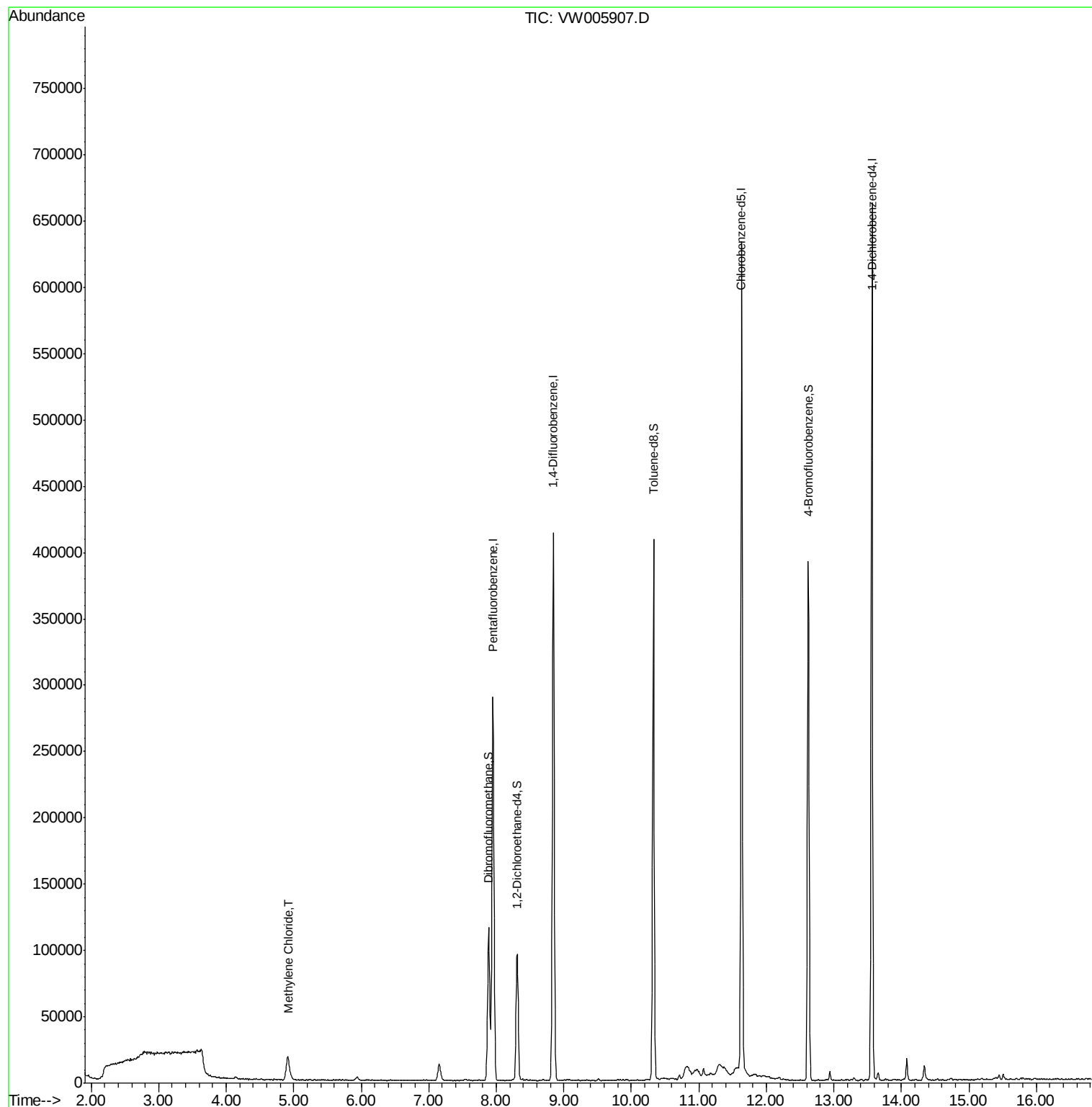
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	74240	33.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.20%	
35) Dibromofluoromethane	7.89	113	80050	34.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.26%	
50) Toluene-d8	10.33	98	276175	30.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.22%	
62) 4-Bromofluorobenzene	12.62	95	111672	32.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.06%	
Target Compounds						
20) Methylene Chloride	4.92	84	15266	6.80	ug/l	Qvalue 86

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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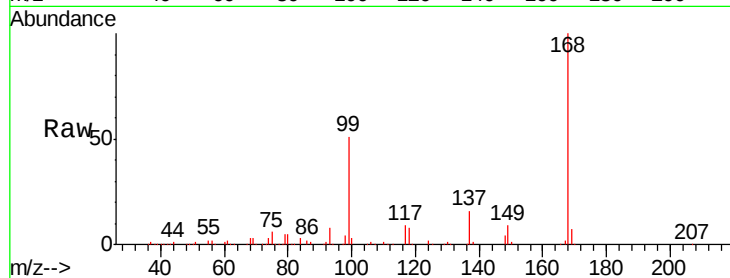
SB-TW-3-(16.5-17)

Tgt Ion:168 Resp: 231031

Ion Ratio Lower Upper

168 100

99 50.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

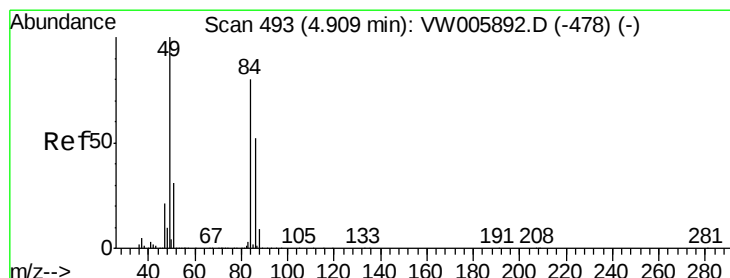
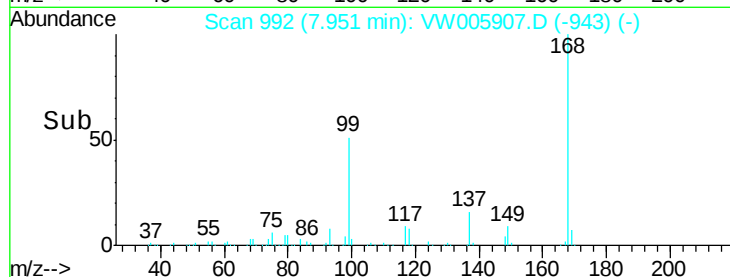
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.80 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Tgt Ion: 84 Resp: 15266

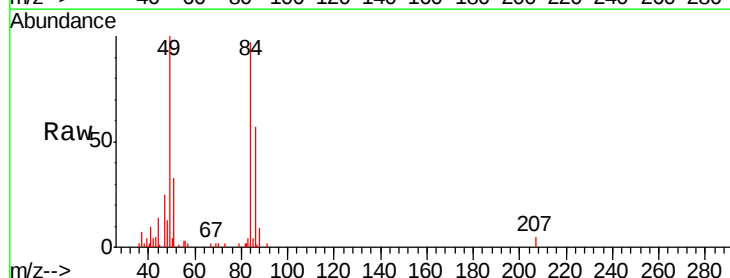
Ion Ratio Lower Upper

84 100

49 102.8 99.9 149.9

51 33.7 31.1 46.7

86 58.7 51.8 77.6



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

4.92

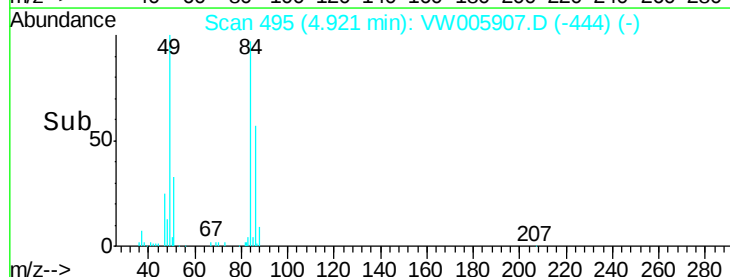
6000

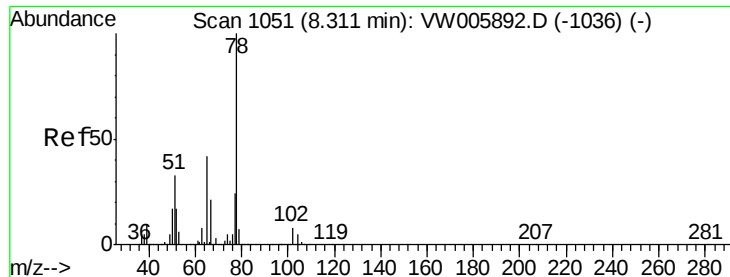
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 33.10 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

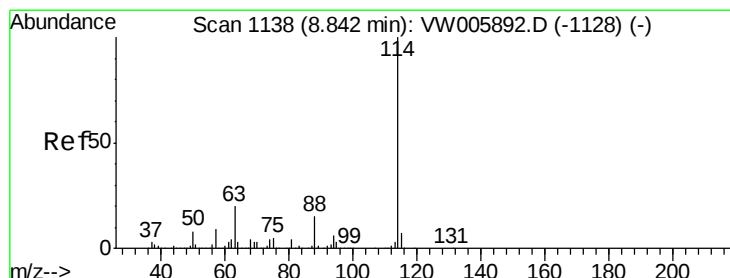
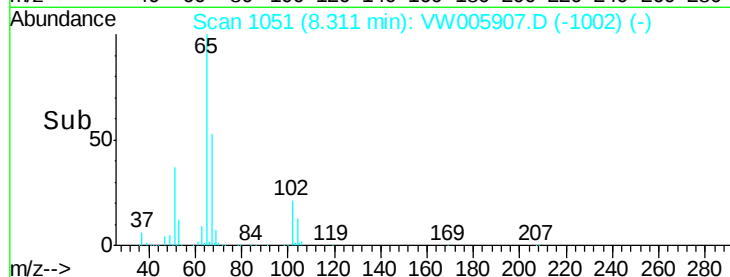
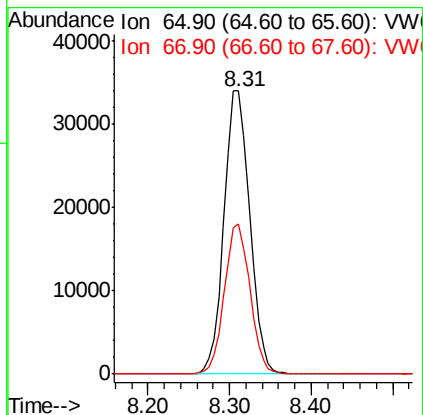
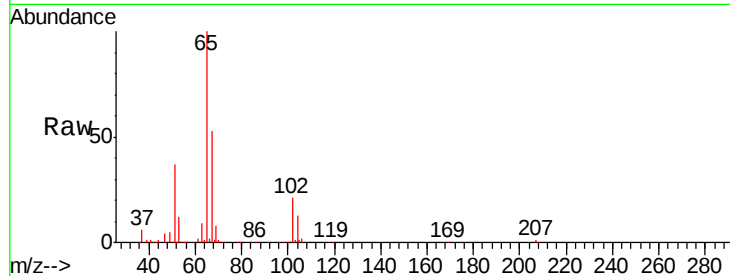
SB-TW-3-(16.5-17)

Tgt Ion: 65 Resp: 74240

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

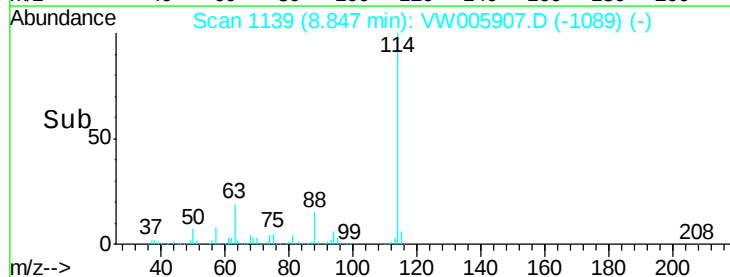
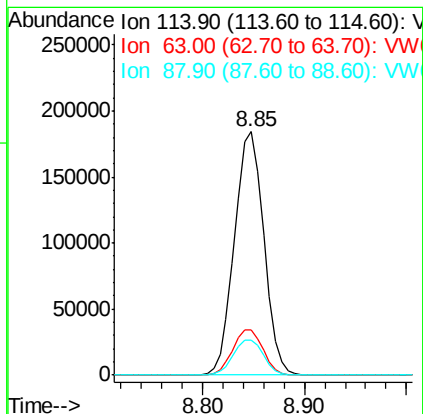
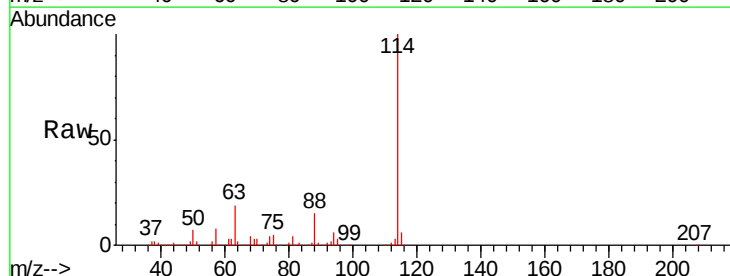
Tgt Ion: 114 Resp: 367327

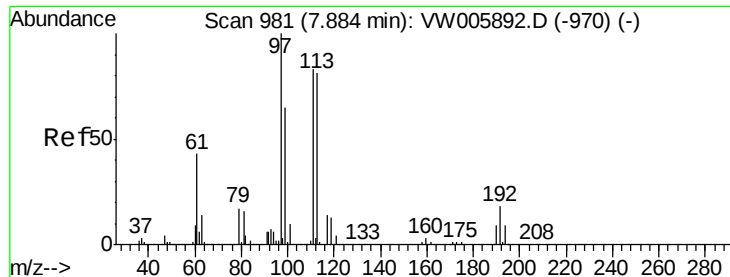
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 14.5 0.0 30.8

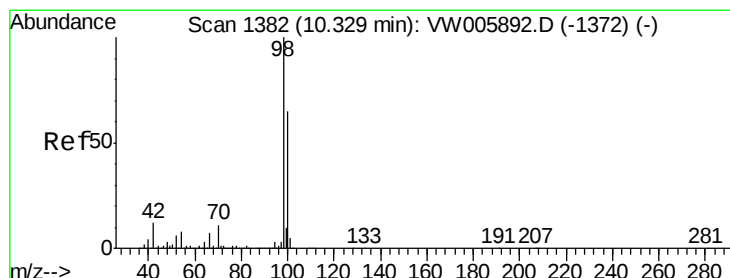
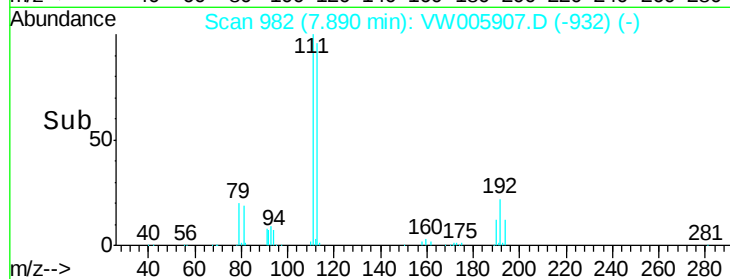
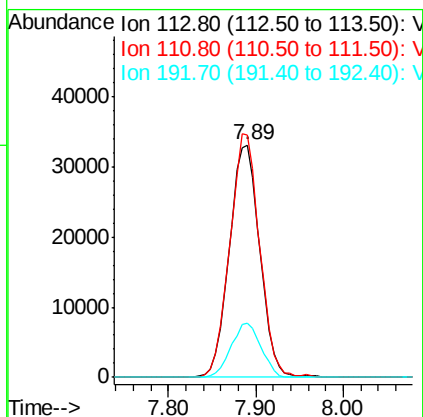
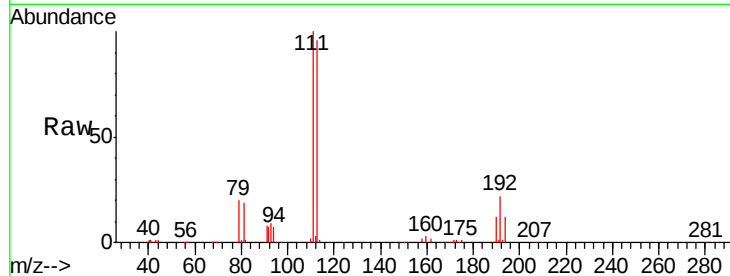




#35
 Dibromofluoromethane
 Concen: 34.13 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005907.D
 Acq: 08 Oct 2018 20:18

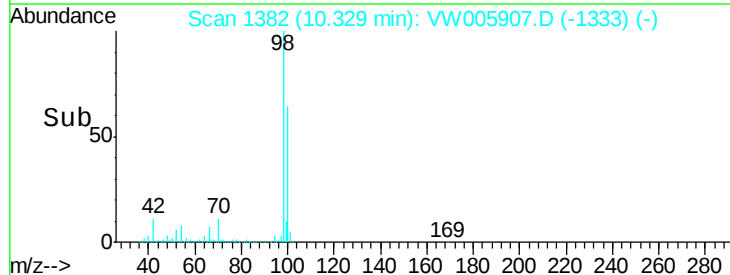
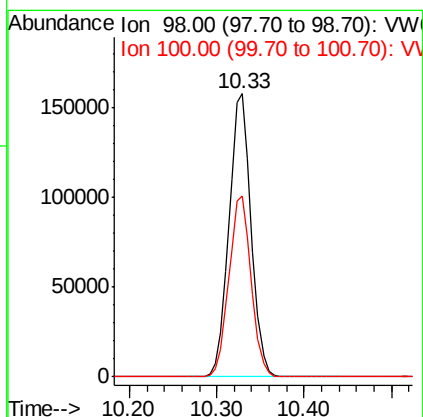
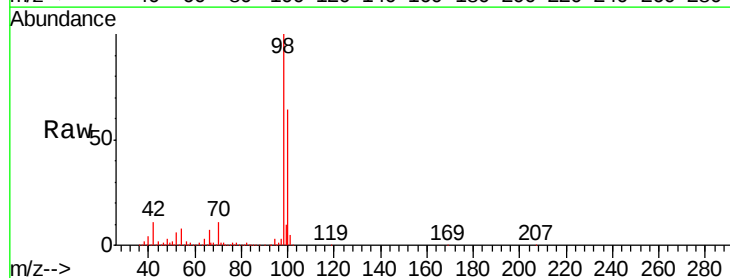
Instrument :
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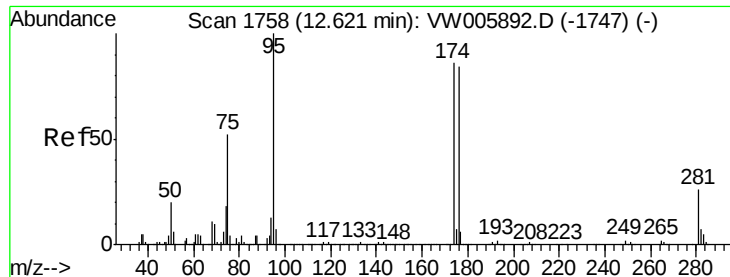
Tgt Ion:113 Resp: 80050
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.1 18.3 27.5



#50
 Toluene-d8
 Concen: 30.61 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005907.D
 Acq: 08 Oct 2018 20:18

Tgt Ion: 98 Resp: 276175
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.9 77.9

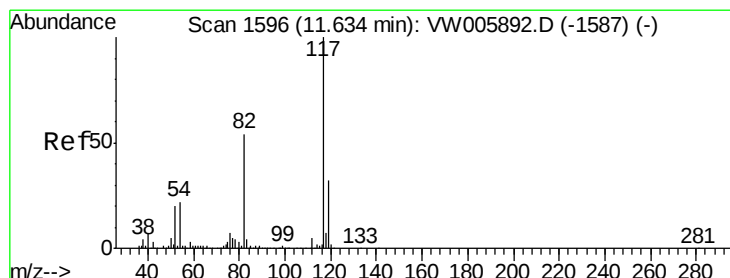
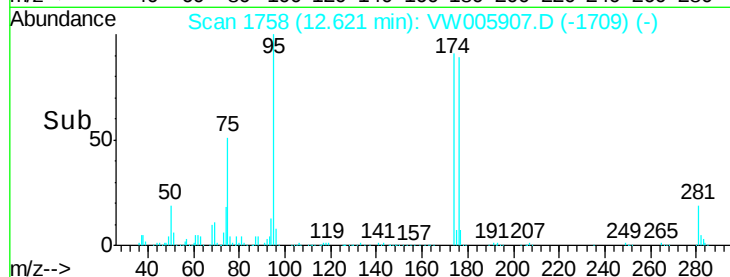
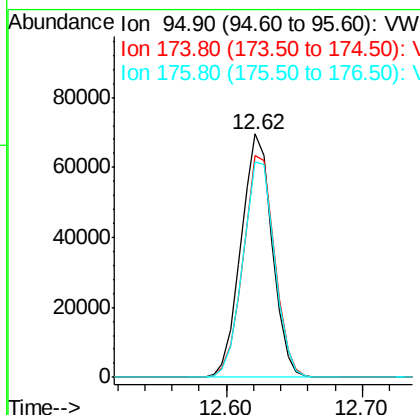
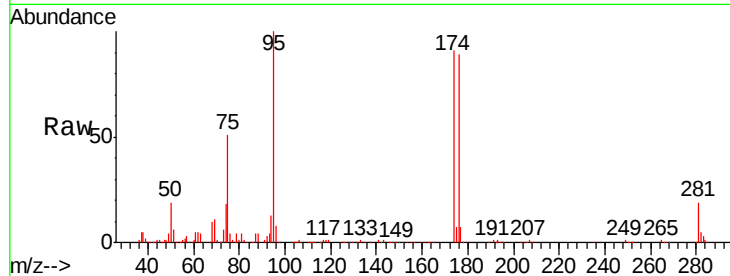




#62
4-Bromofluorobenzene
Concen: 32.53 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005907.D
Acq: 08 Oct 2018 20:18

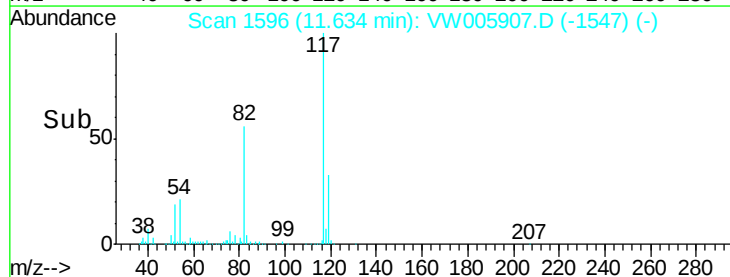
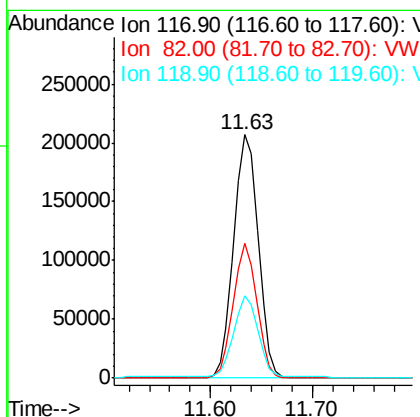
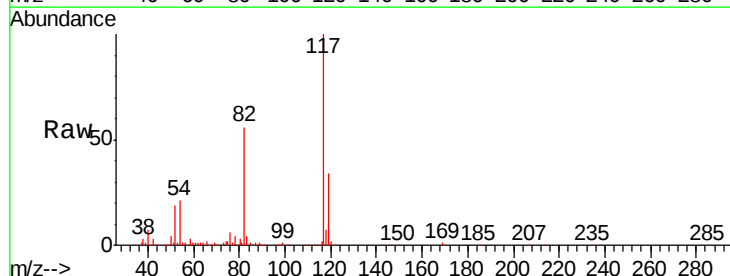
Instrument :
MSVOA_W
ClientSampleId :
SB-TW-3-(16.5-17)

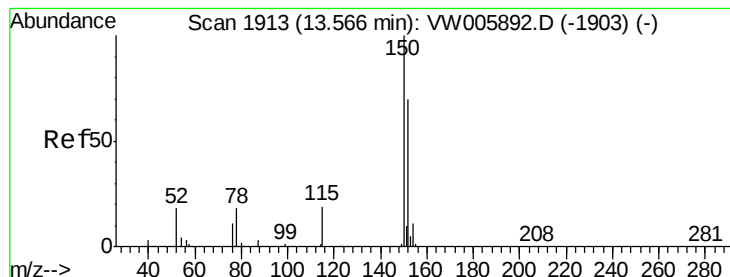
Tgt Ion: 95 Resp: 111672
Ion Ratio Lower Upper
95 100
174 92.0 0.0 176.4
176 90.2 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005907.D
Acq: 08 Oct 2018 20:18

Tgt Ion: 117 Resp: 344263
Ion Ratio Lower Upper
117 100
82 55.5 43.5 65.3
119 33.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-3-(16.5-17)

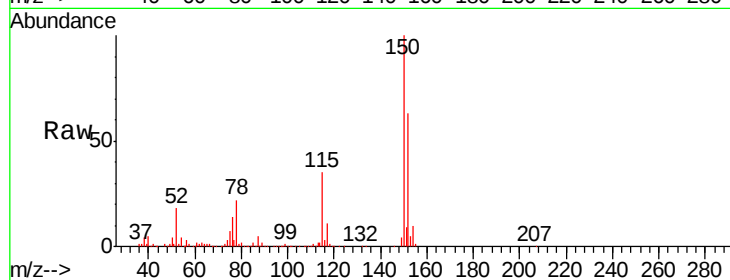
Tgt Ion:152 Resp: 182766

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

150 157.3 0.0 349.2



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

