

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007211.D
 Acq On : 05 Dec 2018 03:34
 Operator : SY/AP
 Sample : J6206-12
 Misc : 3.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4A-(1)

Quant Time: Dec 05 07:52:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

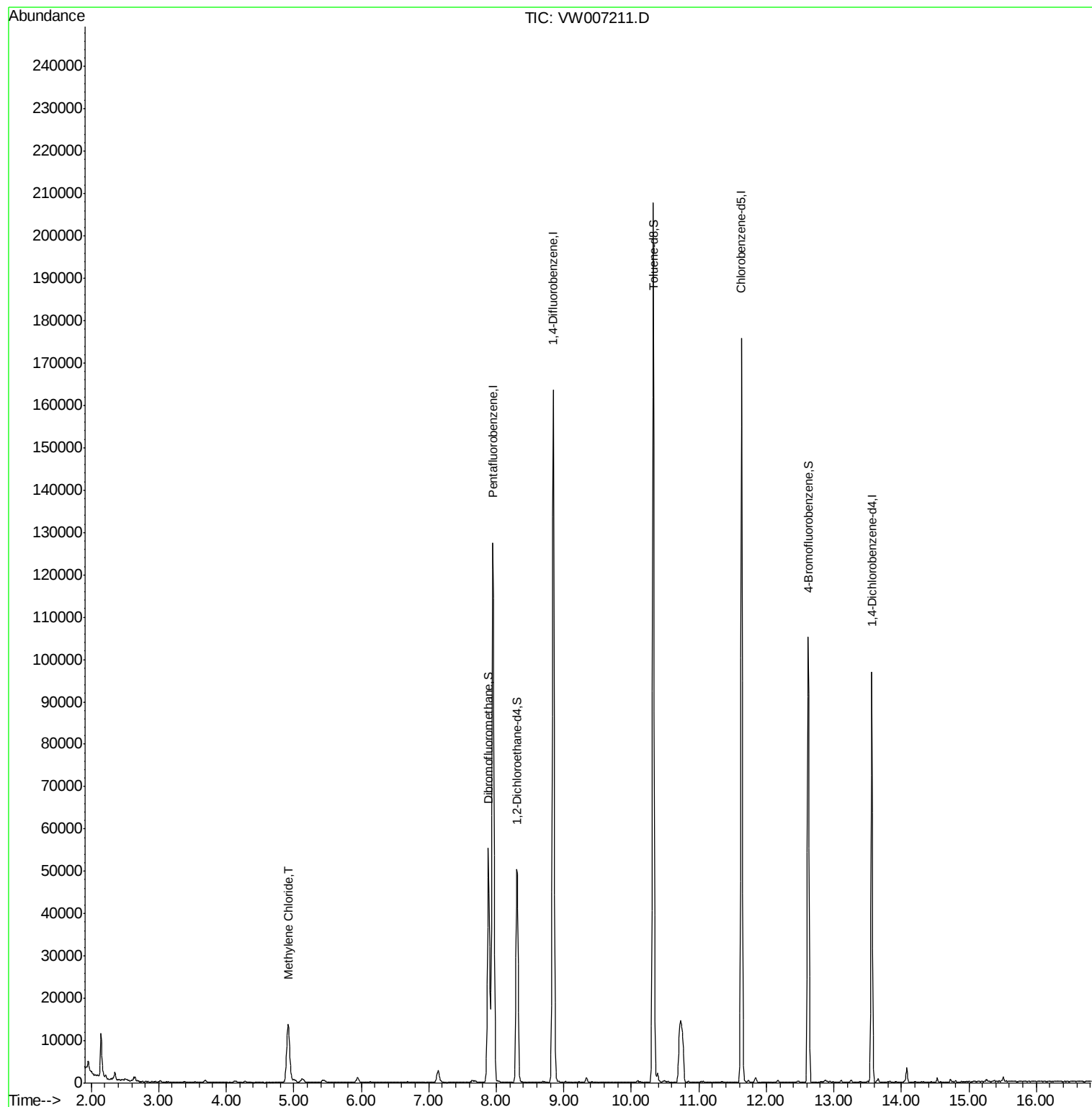
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	146949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41261	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
35) Dibromofluoromethane	7.88	113	40957	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.32	98	142707	38.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.00%	
62) 4-Bromofluorobenzene	12.62	95	33823	24.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.36%	
Target Compounds						
20) Methylene Chloride	4.92	84	11262	6.001	ug/l	Qvalue 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: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

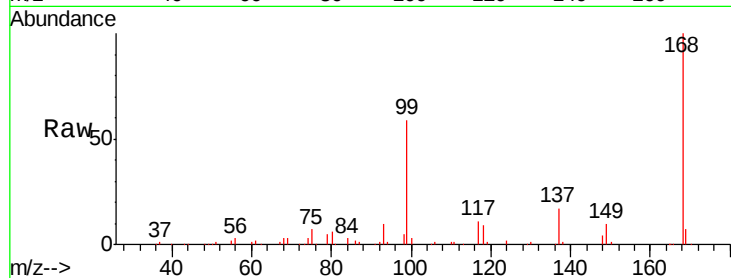
HLSP-SB-4A-(1)

Tgt Ion:168 Resp: 95805

Ion Ratio Lower Upper

168 100

99 59.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

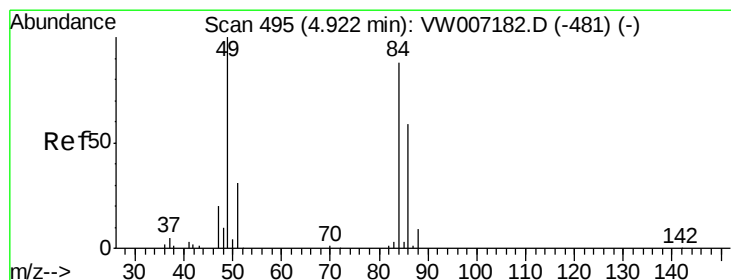
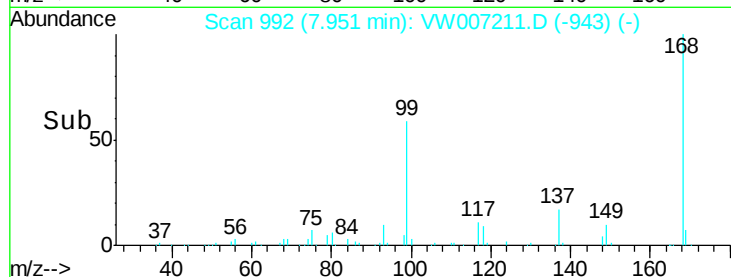
20000

10000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 6.001 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

Tgt Ion: 84 Resp: 11262

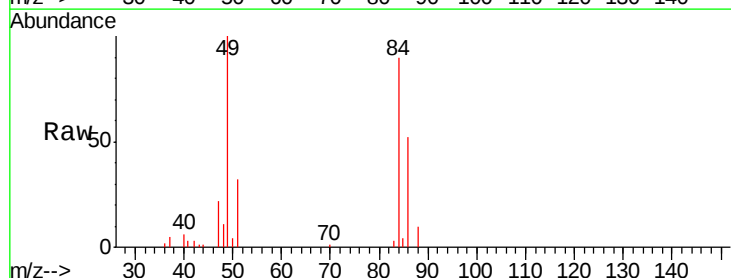
Ion Ratio Lower Upper

84 100

49 111.6 90.6 135.8

51 35.8 27.6 41.4

86 58.5 53.7 80.5



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

5000

4000

3000

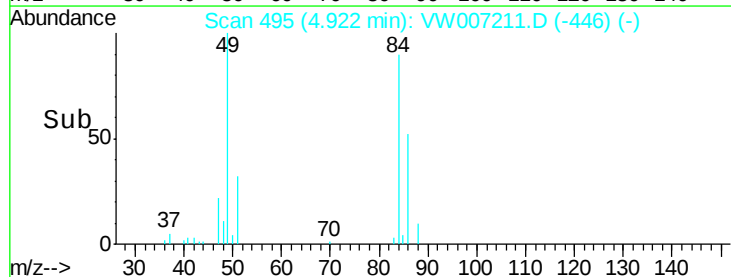
2000

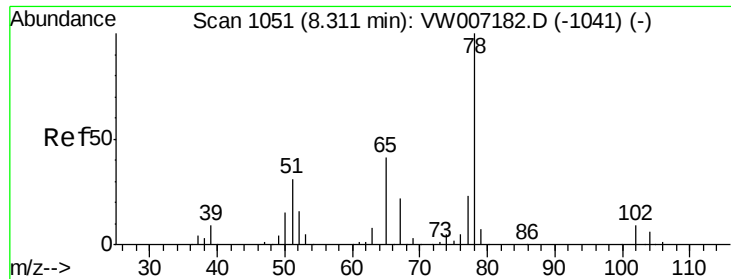
1000

0

Time-->

4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 46.258 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

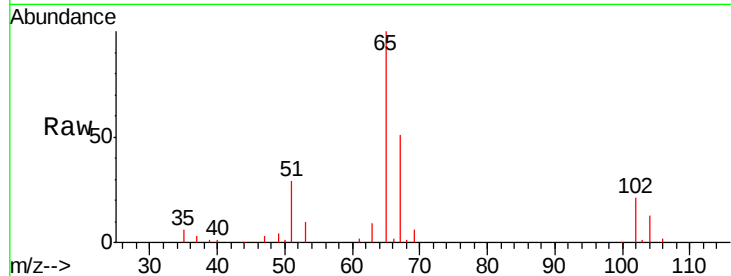
HLSP-SB-4A-(1)

Tgt Ion: 65 Resp: 41261

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

10000

5000

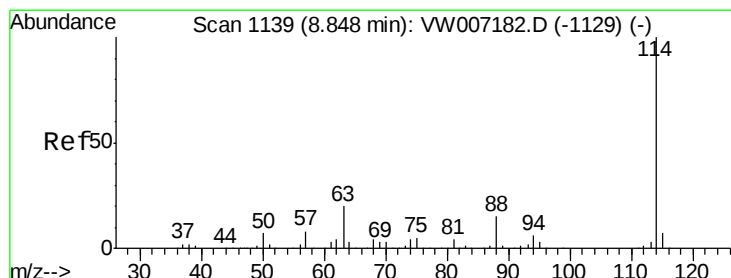
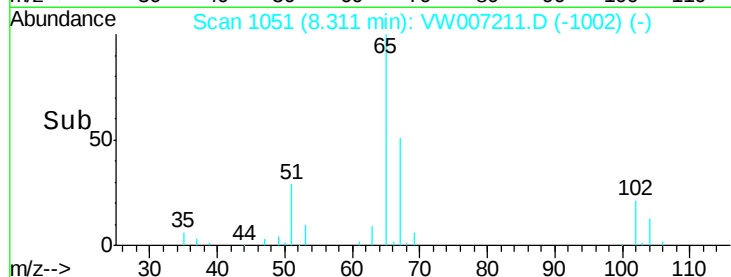
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Time-->

8.20

8.30

8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

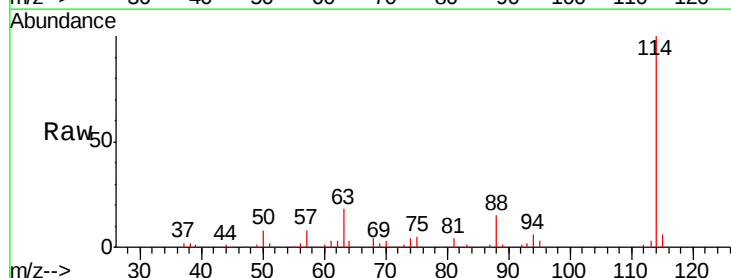
Tgt Ion: 114 Resp: 146949

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.2

88 15.3 0.0 30.0



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

8.84

100000

80000

60000

40000

20000

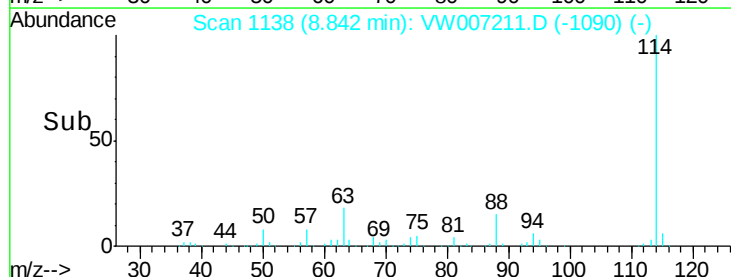
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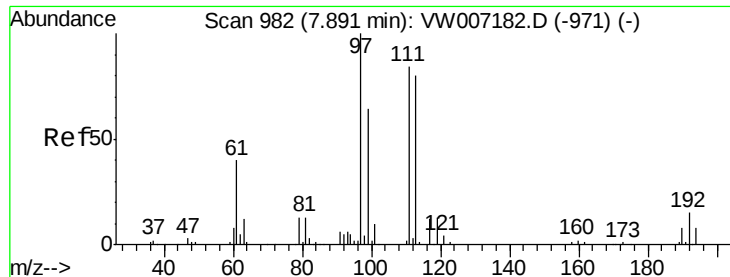
Time-->

8.80

8.90

9.00

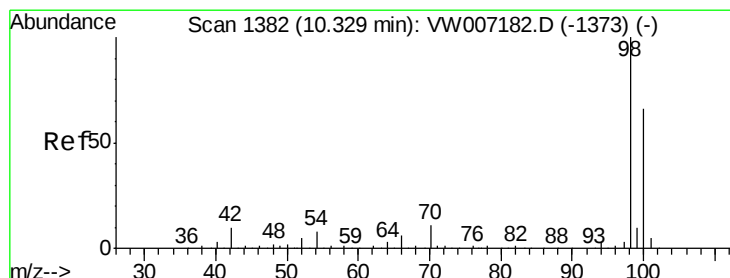
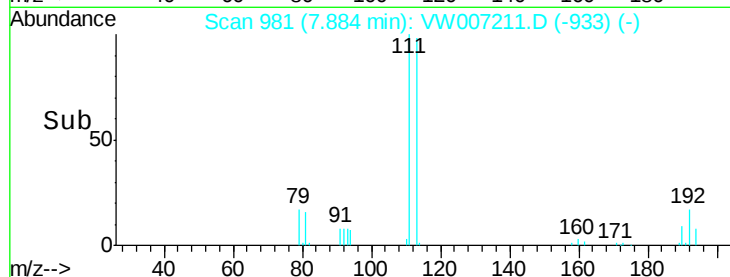
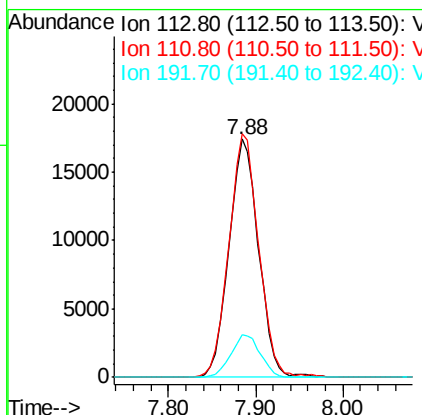
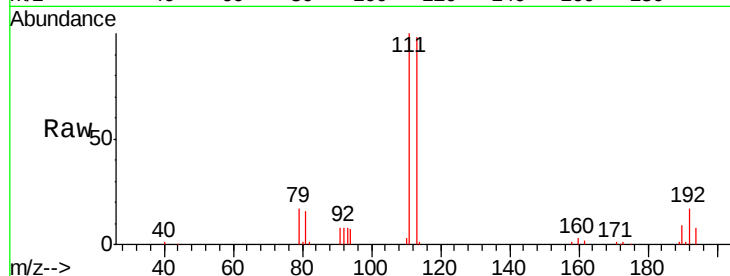




#35
Dibromofluoromethane
Concen: 48.676 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

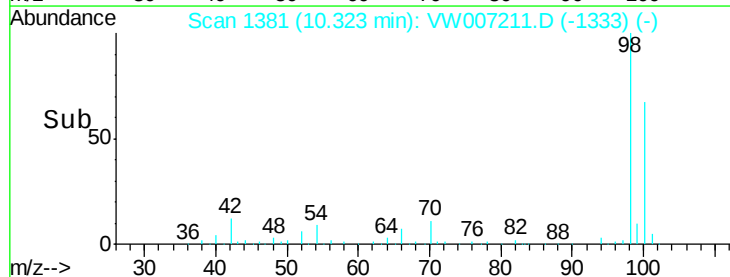
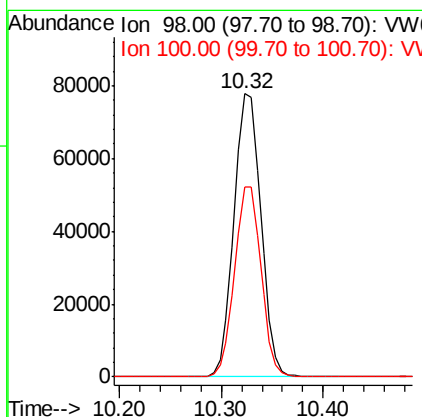
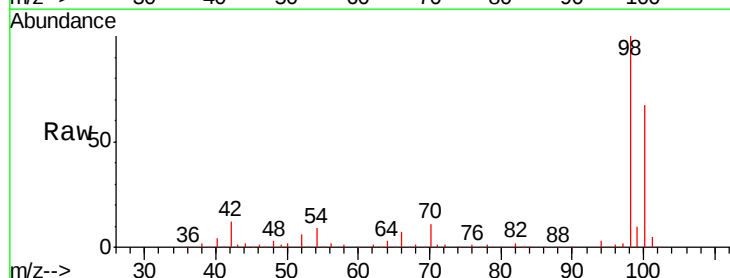
Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-4A-(1)

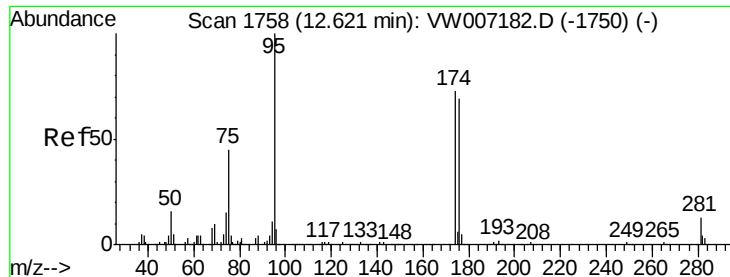
Tgt Ion:113 Resp: 40957
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.8 14.4 21.6



#50
Toluene-d8
Concen: 38.502 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007211.D
Acq: 05 Dec 2018 03:34

Tgt Ion: 98 Resp: 142707
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 24.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-4A-(1)

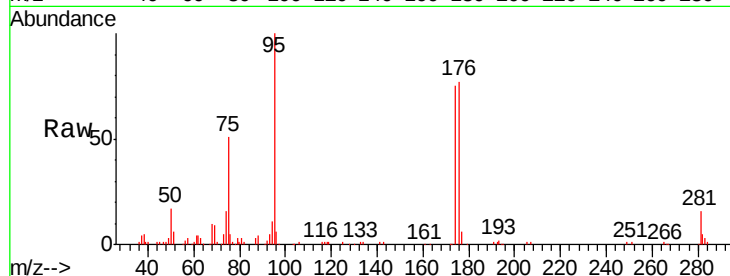
Tgt Ion: 95 Resp: 33823

Ion Ratio Lower Upper

95 100

174 75.7 0.0 148.0

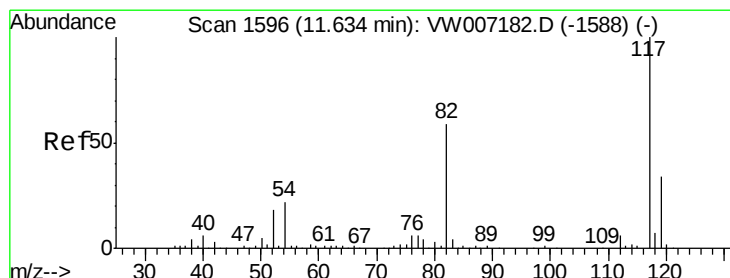
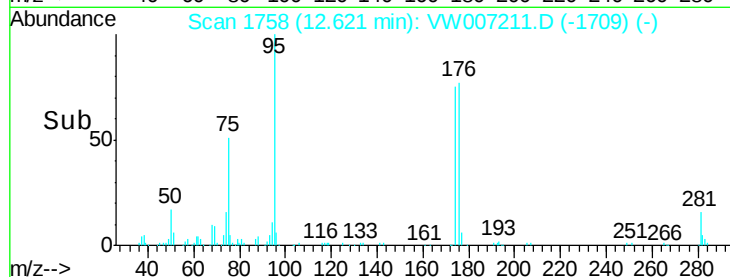
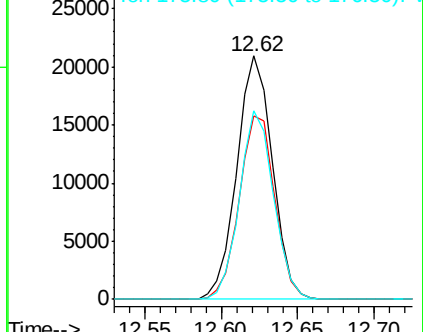
176 74.1 0.0 139.4



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007211.D

Acq: 05 Dec 2018 03:34

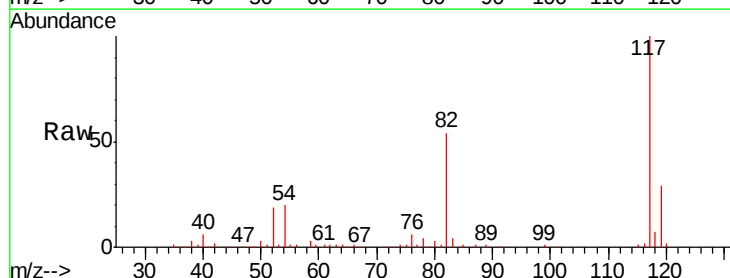
Tgt Ion: 117 Resp: 100740

Ion Ratio Lower Upper

117 100

82 54.4 47.4 71.2

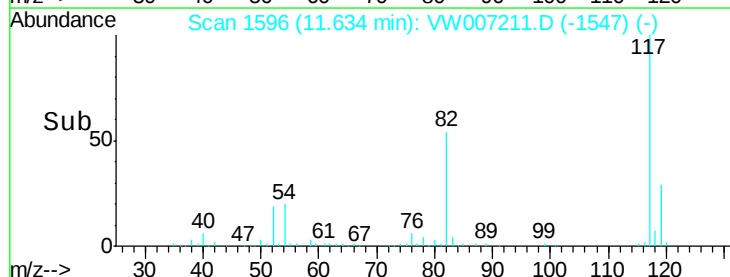
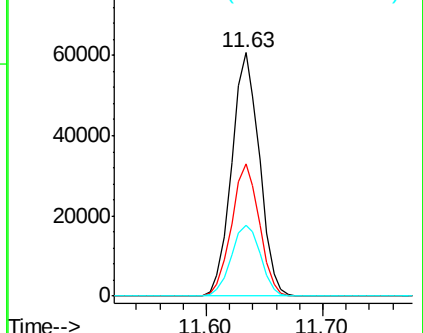
119 28.9 26.8 40.2

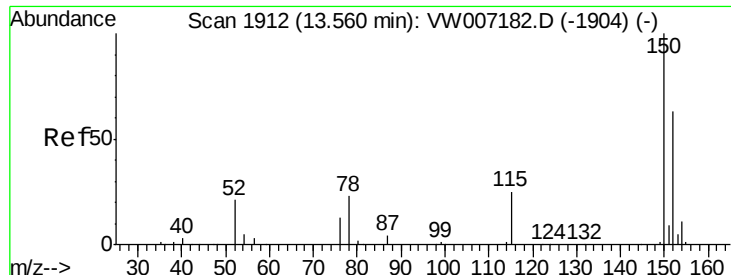


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

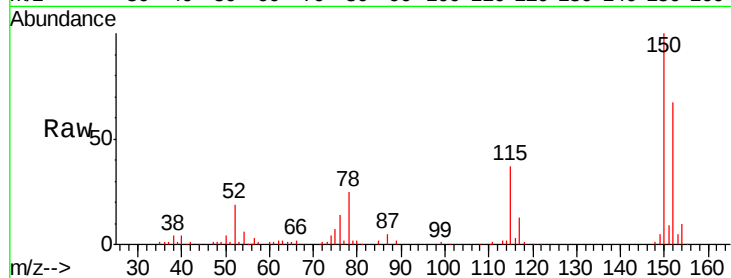




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007211.D
 Acq: 05 Dec 2018 03:34

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-4A-(1)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.3	93.8
150	156.6	0.0	358.0



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

