

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012877.D
 Acq On : 10 Sep 2019 18:07
 Operator : SY/VA
 Sample : K4692-11
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-25-7.5-8.0

Quant Time: Sep 11 08:33:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

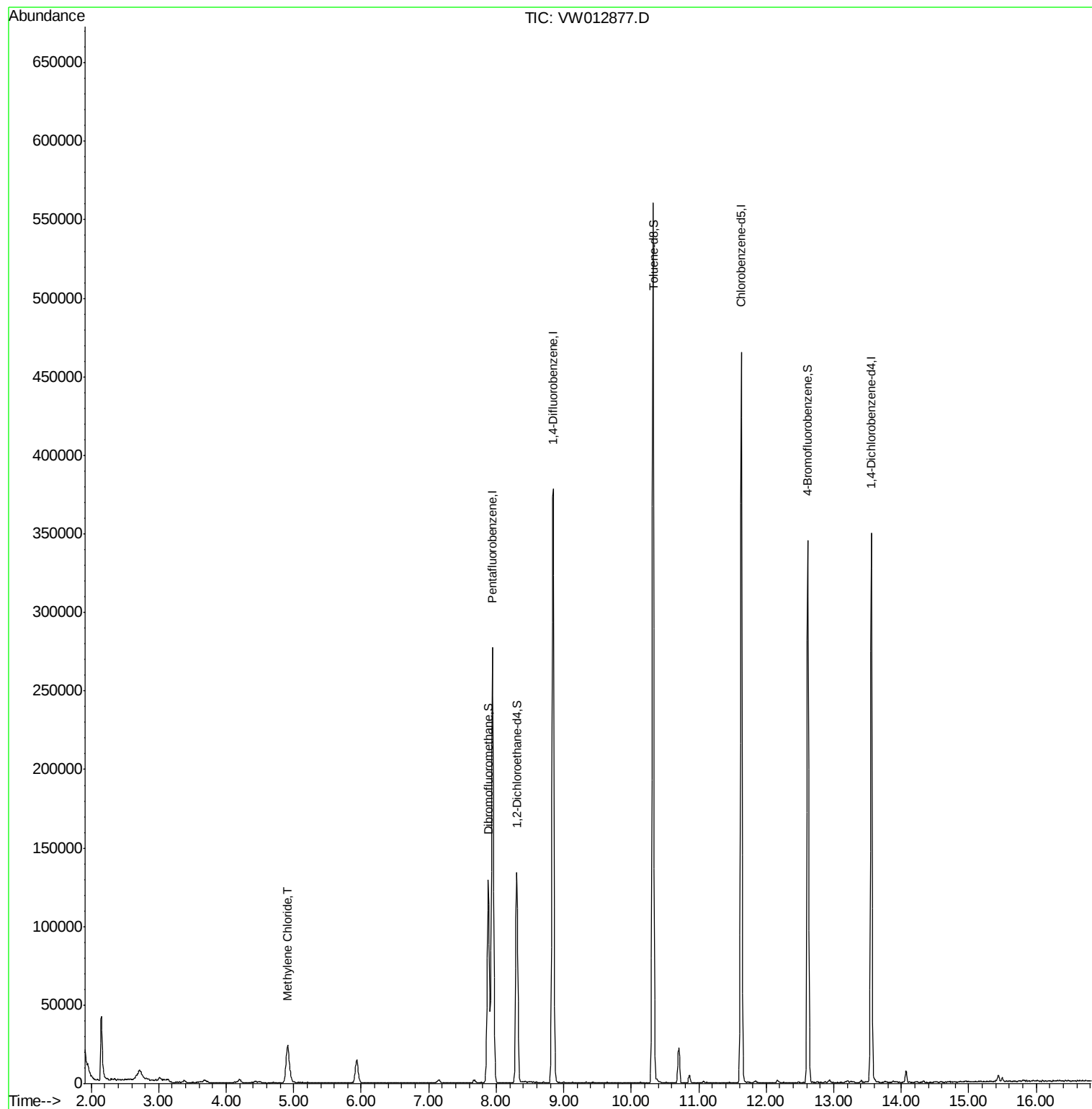
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	92026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109272	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
35) Dibromofluoromethane	7.88	113	92624	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.32	98	367076	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	105700	39.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.86%	
Target Compounds						
20) Methylene Chloride	4.91	84	19750	9.725	ug/l	Qvalue 84

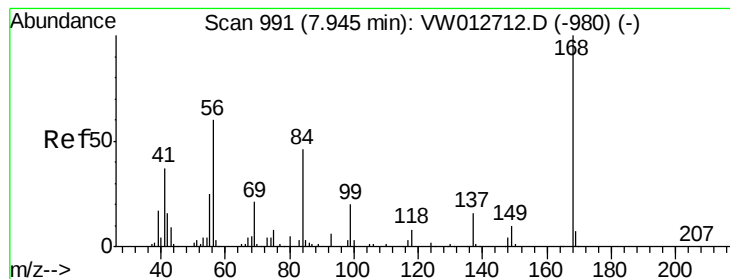
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

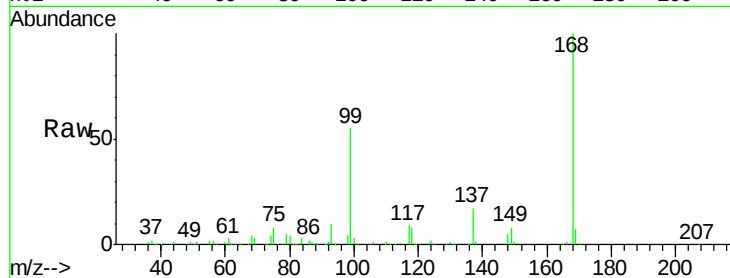
SB-25-7.5-8.0

Tot Ion:168 Resp: 213113

Ion Ratio Lower Upper

168 100

99 55.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

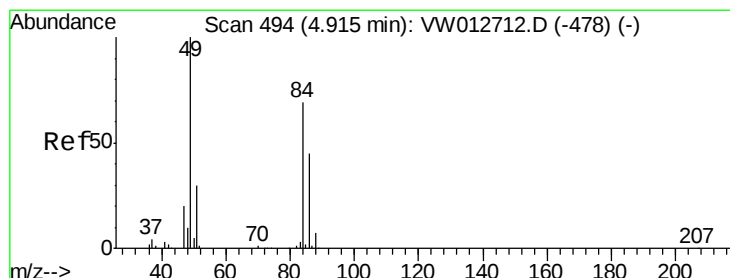
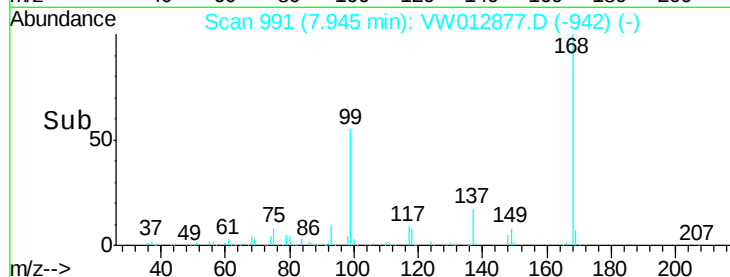
40000

20000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 9.725 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012877.D

Acq: 10 Sep 2019 18:07

Tgt Ion: 84 Resp: 19750

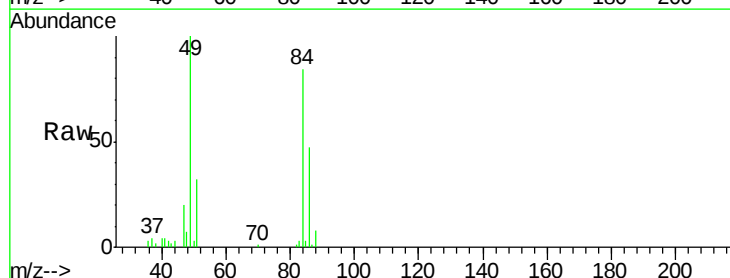
Ion Ratio Lower Upper

84 100

49 118.1 115.4 173.0

51 38.6 34.9 52.3

86 55.6 52.2 78.4



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

10000

8000

6000

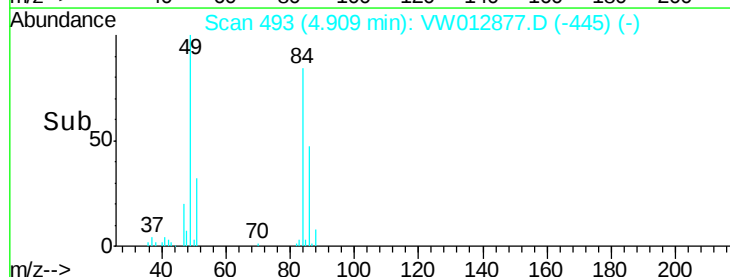
4000

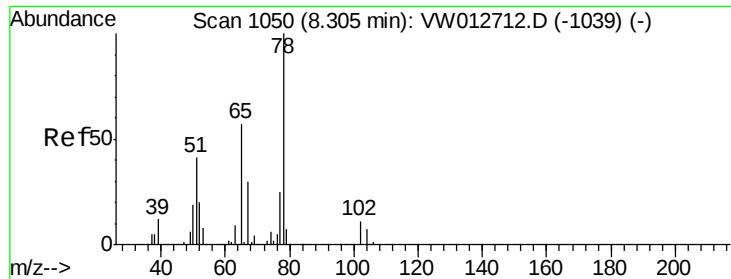
2000

0

Time-->

4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 45.890 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012877.D

Acq: 10 Sep 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

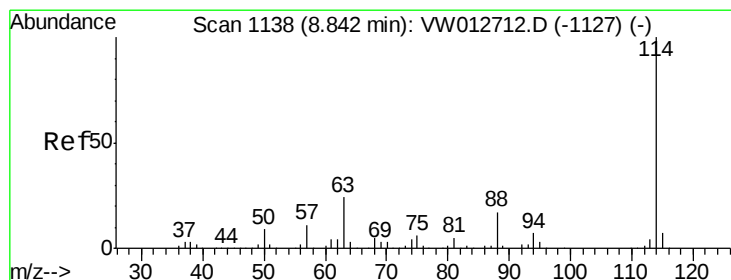
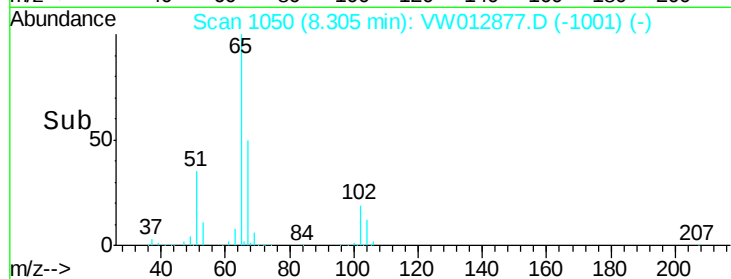
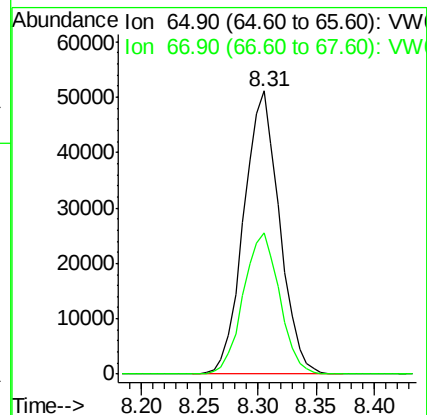
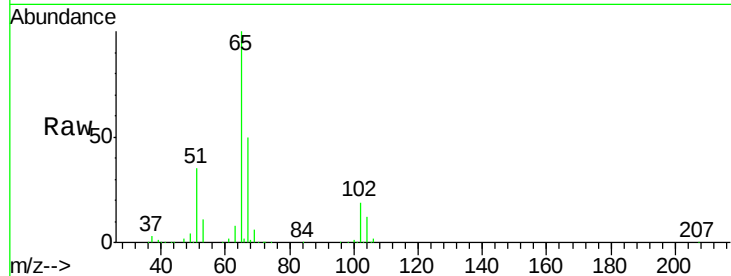
SB-25-7.5-8.0

Tot Ion: 65 Resp: 109272

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012877.D

Acq: 10 Sep 2019 18:07

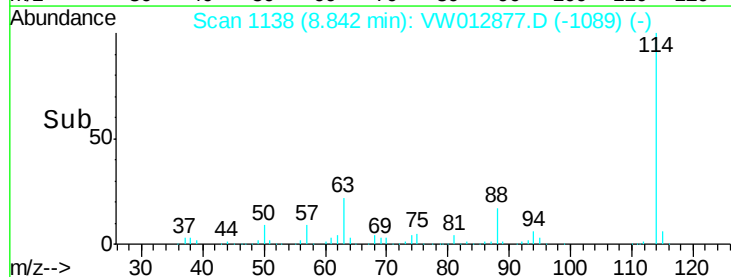
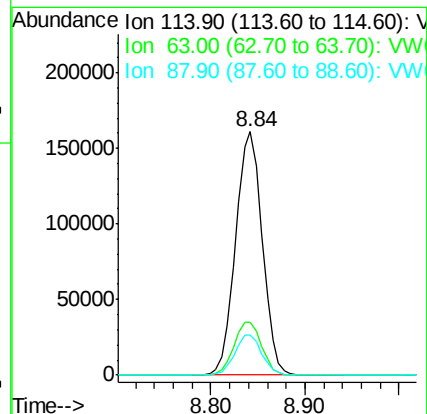
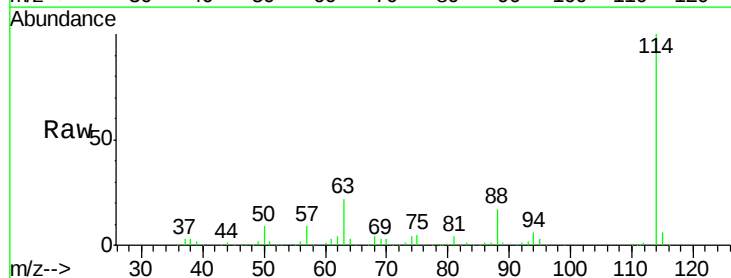
Tgt Ion: 114 Resp: 317058

Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.2

88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.137 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012877.D

Acq: 10 Sep 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

SB-25-7.5-8.0

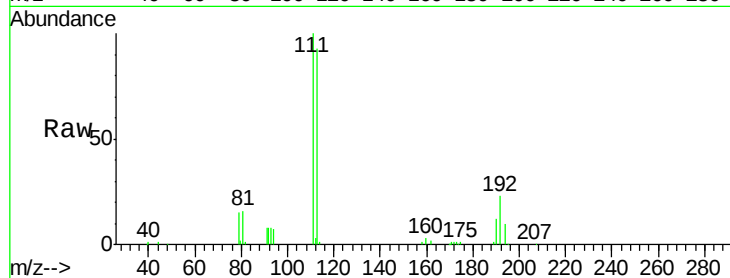
Tot Ion:113 Resp: 92624

Ion Ratio Lower Upper

113 100

111 103.5 80.2 120.4

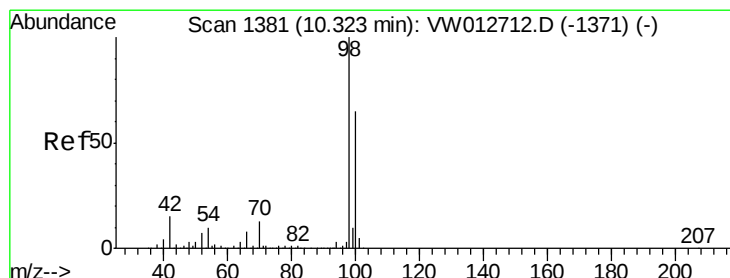
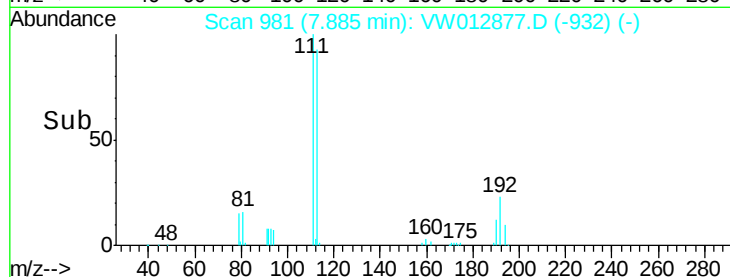
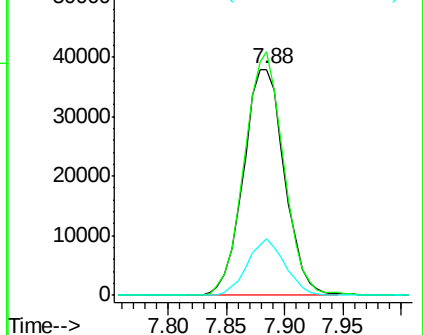
192 23.0 17.3 25.9



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: 49.706 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012877.D

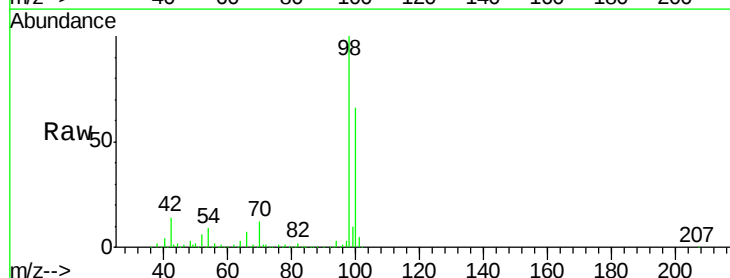
Acq: 10 Sep 2019 18:07

Tgt Ion: 98 Resp: 367076

Ion Ratio Lower Upper

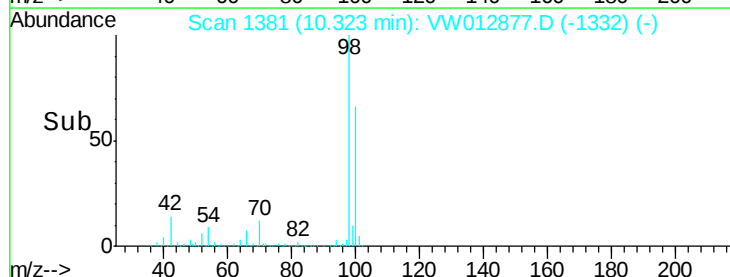
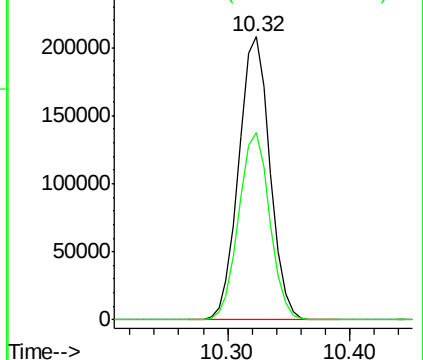
98 100

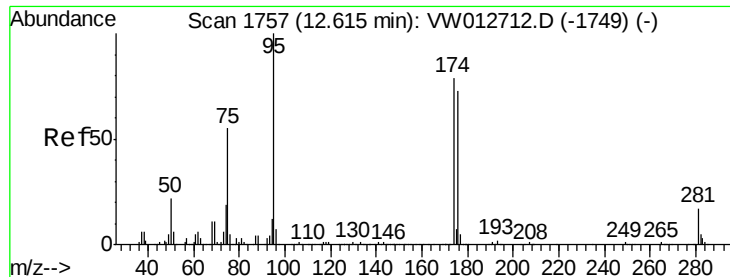
100 65.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 39.426 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012877.D

Acq: 10 Sep 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

SB-25-7.5-8.0

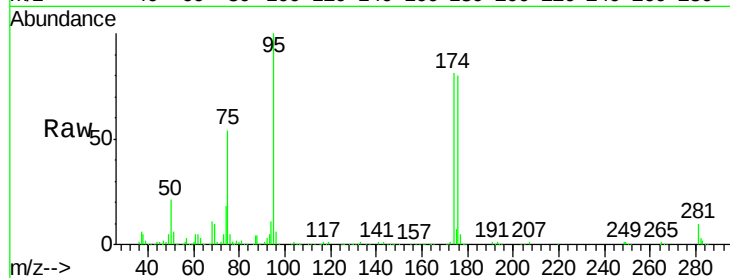
Tot Ion: 95 Resp: 105700

Ion Ratio Lower Upper

95 100

174 84.8 0.0 161.0

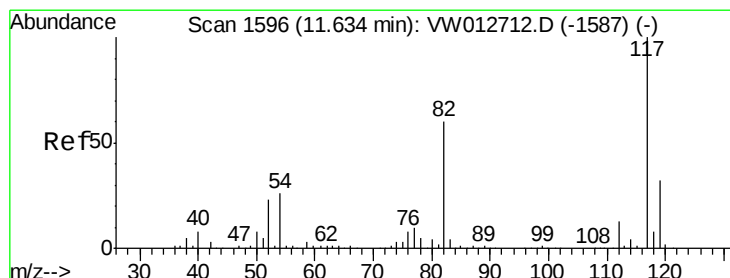
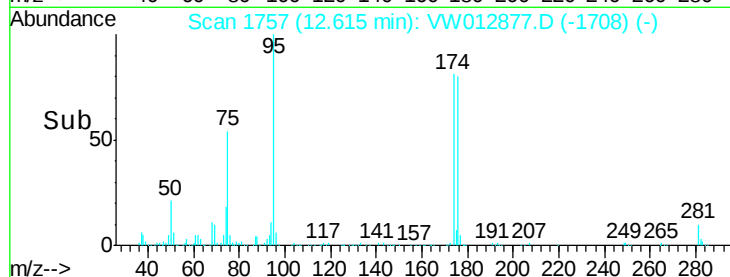
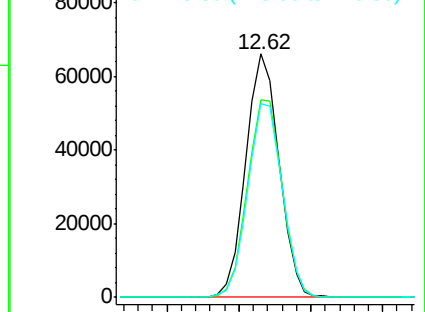
176 82.5 0.0 156.4



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# 1595

Delta R.T. -0.01 min

Lab File: VW012877.D

Acq: 10 Sep 2019 18:07

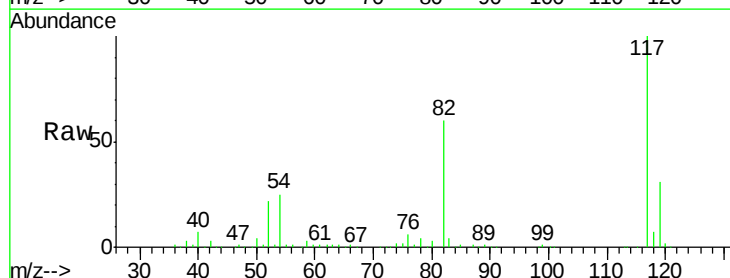
Tgt Ion: 117 Resp: 251556

Ion Ratio Lower Upper

117 100

82 59.9 48.2 72.4

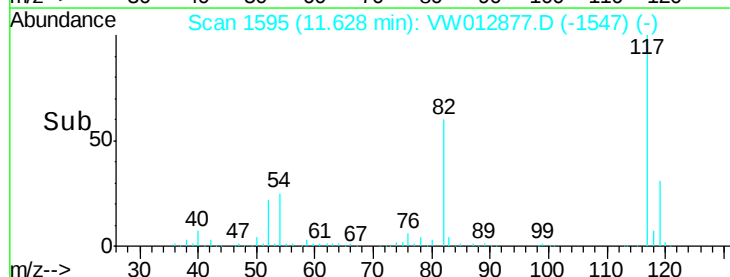
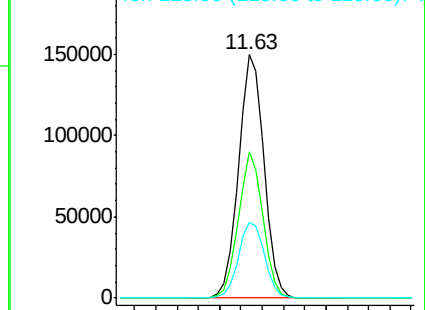
119 31.1 25.8 38.6

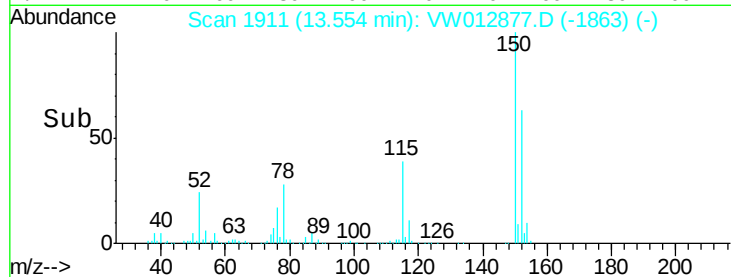
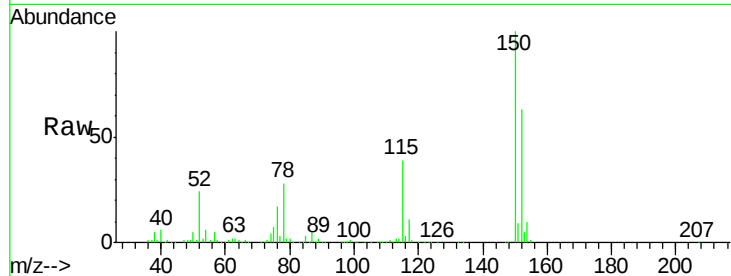
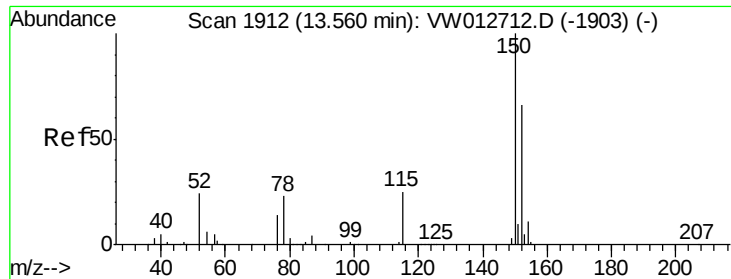


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012877.D

Acq: 10 Sep 2019 18:07

Instrument :

MSVOA_W

ClientSampleId :

SB-25-7.5-8.0

Tot Ion:152 Resp: 92026

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.1

150 156.9 0.0 349.0

