

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011869.D
 Acq On : 13 Aug 2019 00:19
 Operator : SY/VA
 Sample : K4229-14
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-A2-(0)

Quant Time: Aug 13 09:42:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

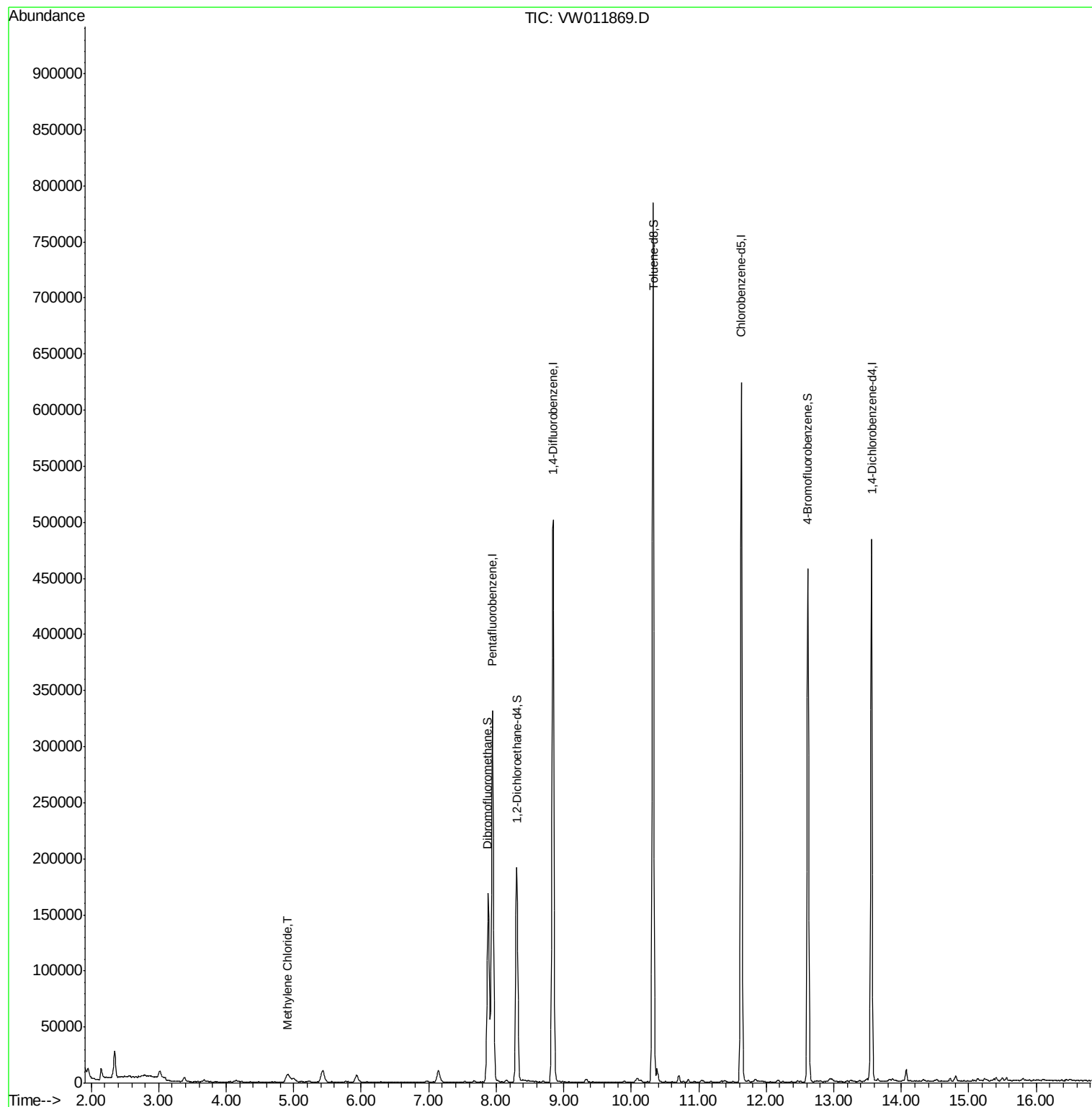
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152100	56.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.14%	
35) Dibromofluoromethane	7.88	113	120408	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
50) Toluene-d8	10.32	98	482305	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.62	95	147727	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
20) Methylene Chloride	4.90	84	4901	1.662	ug/l	Qvalue 89

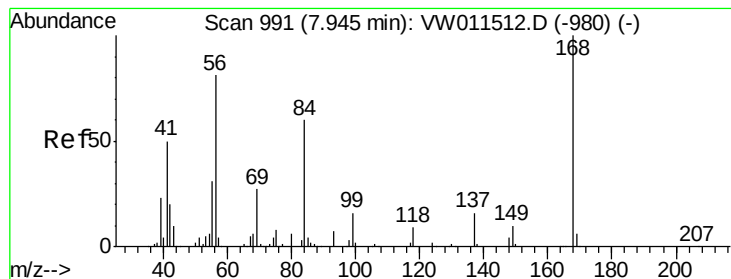
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011869.D

Acq: 13 Aug 2019 00:19

Instrument :

MSVOA_W

ClientSampleId :

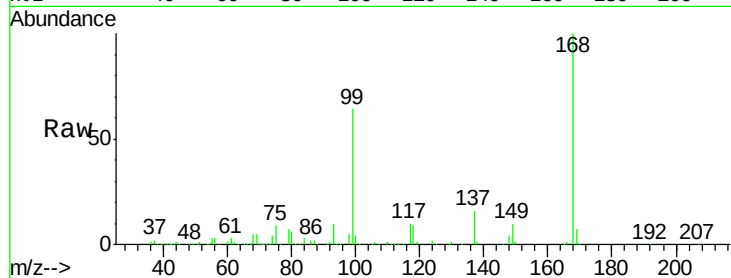
2S-A2-(0)

Tot Ion:168 Resp: 234136

Ion Ratio Lower Upper

168 100

99 64.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

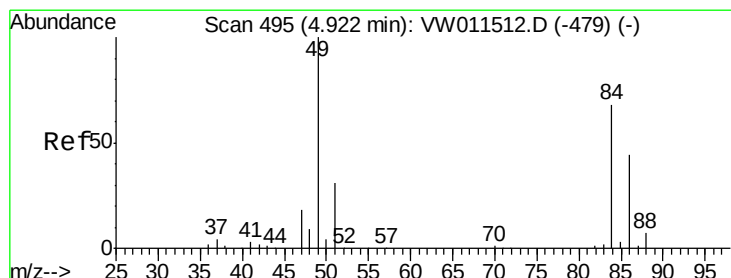
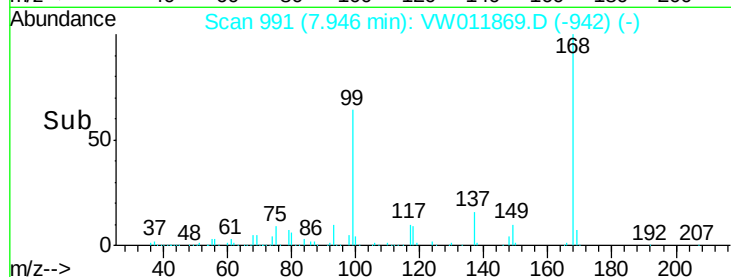
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.662 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011869.D

Acq: 13 Aug 2019 00:19

Tgt Ion: 84 Resp: 4901

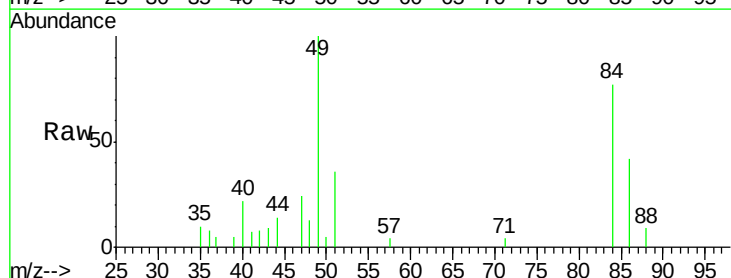
Ion Ratio Lower Upper

84 100

49 129.4 117.8 176.6

51 46.8 37.0 55.4

86 54.6 51.8 77.8



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

3000

2500

2000

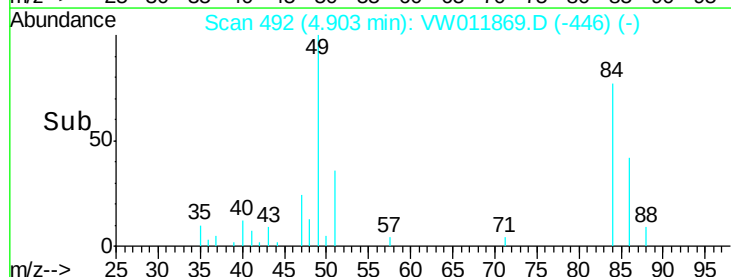
1500

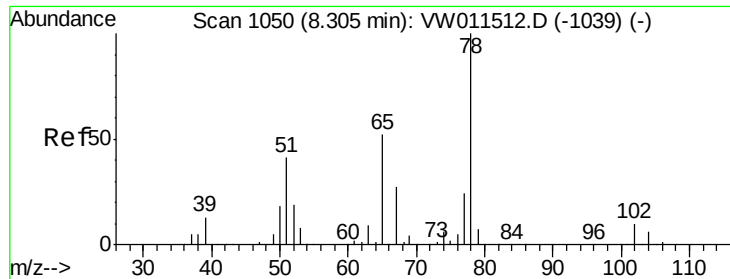
1000

500

0

Time--> 4.80 4.90 5.00

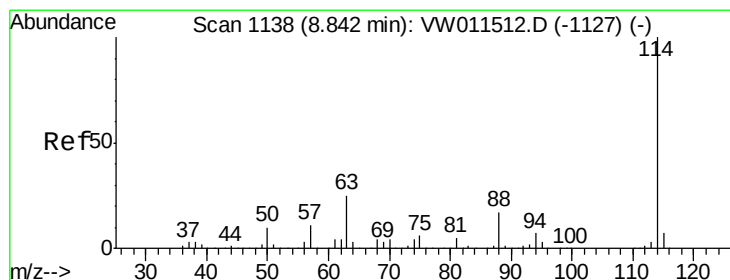
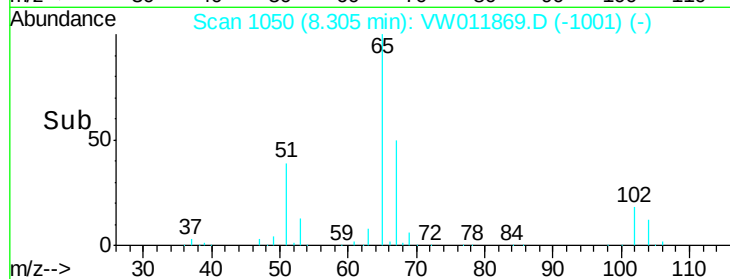
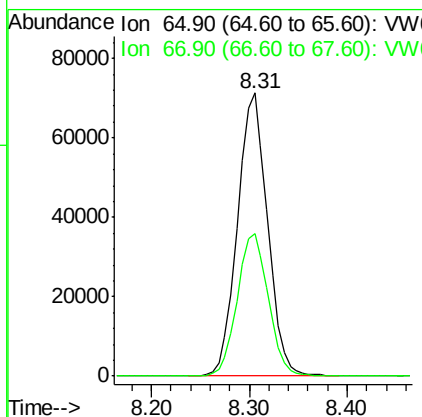
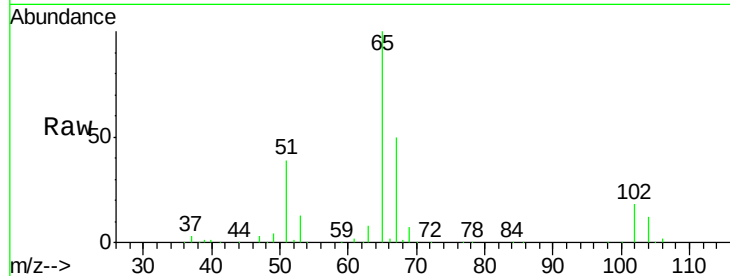




#33
 1,2-Dichloroethane-d4
 Concen: 56.574 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011869.D
 Acq: 13 Aug 2019 00:19

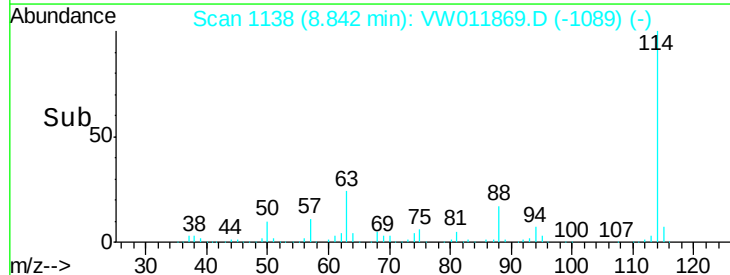
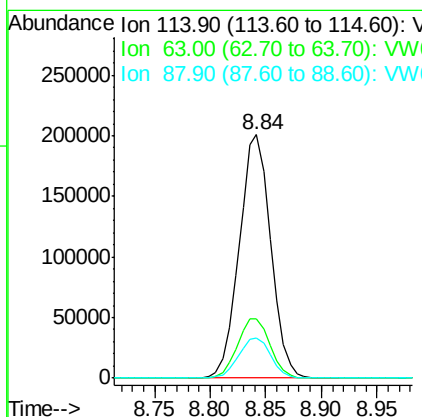
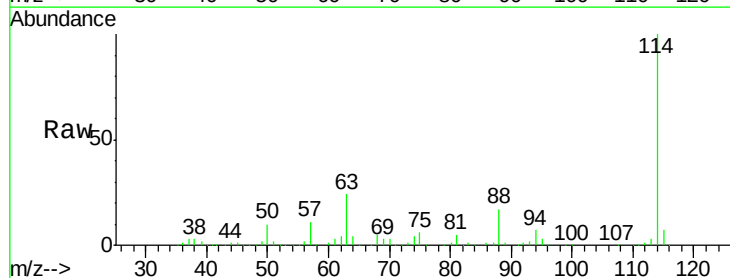
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-A2-(0)

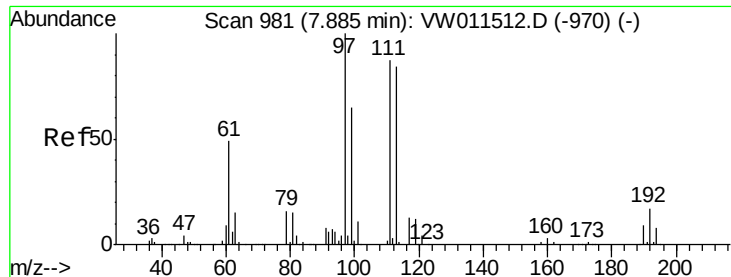
Tot Ion: 65 Resp: 152100
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011869.D
 Acq: 13 Aug 2019 00:19

Tgt Ion: 114 Resp: 394496
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.405 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011869.D

Acq: 13 Aug 2019 00:19

Instrument :

MSVOA_W

ClientSampleId :

2S-A2-(0)

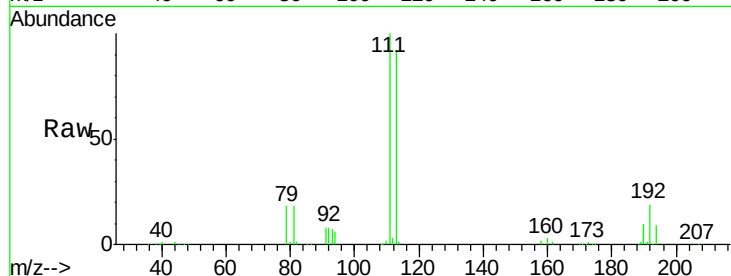
Tot Ion:113 Resp: 120408

Ion Ratio Lower Upper

113 100

111 105.0 82.7 124.1

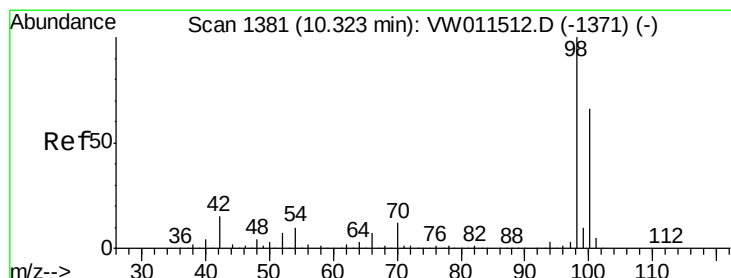
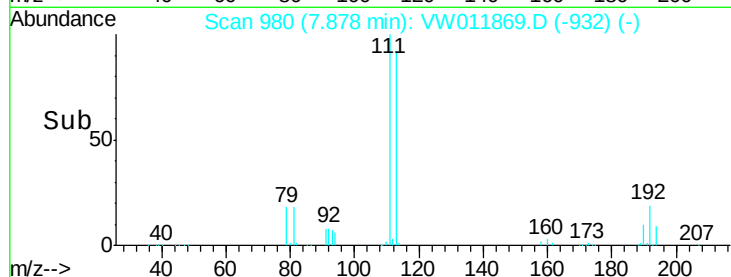
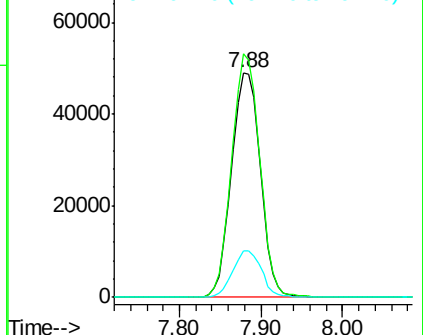
192 20.6 16.1 24.1



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: 53.226 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011869.D

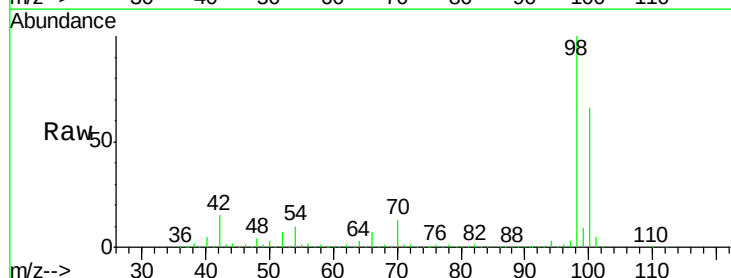
Acq: 13 Aug 2019 00:19

Tgt Ion: 98 Resp: 482305

Ion Ratio Lower Upper

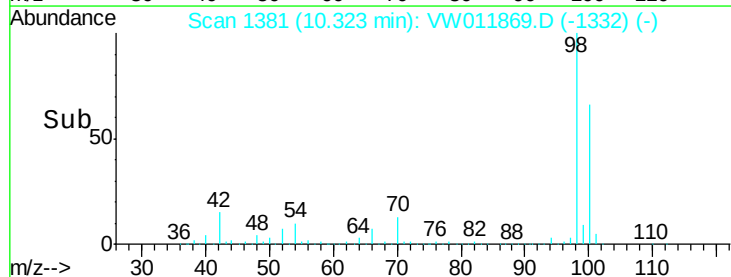
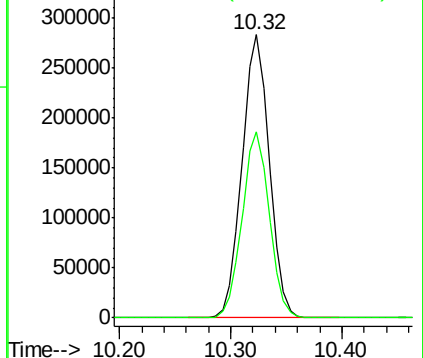
98 100

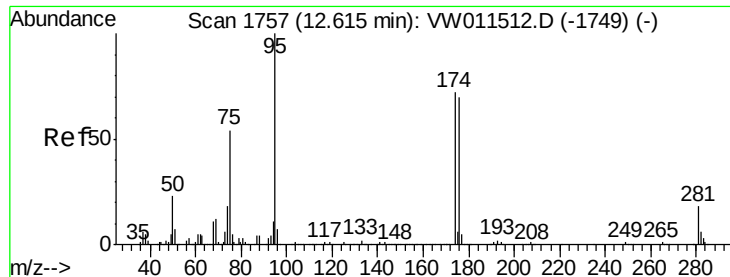
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.728 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011869.D

Acq: 13 Aug 2019 00:19

Instrument :

MSVOA_W

ClientSampleId :

2S-A2-(0)

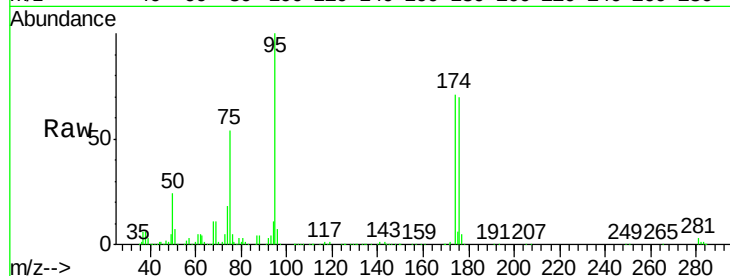
Tot Ion: 95 Resp: 147727

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

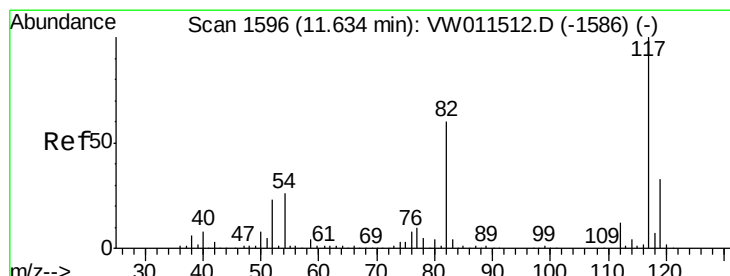
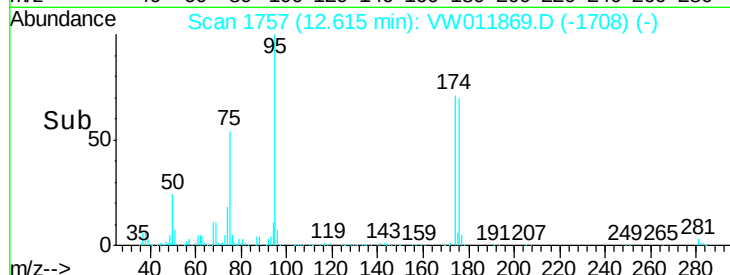
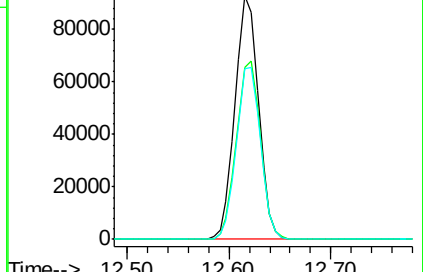
176 72.5 0.0 144.4



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: VW011869.D

Acq: 13 Aug 2019 00:19

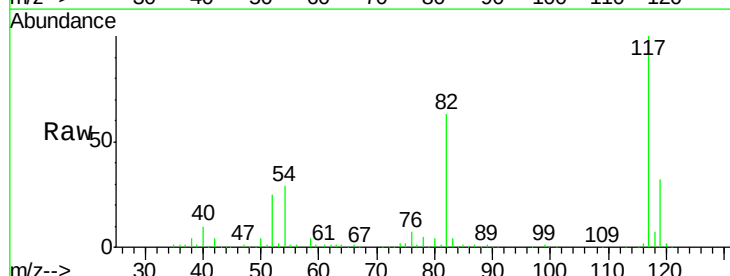
Tgt Ion: 117 Resp: 321982

Ion Ratio Lower Upper

117 100

82 63.1 47.9 71.9

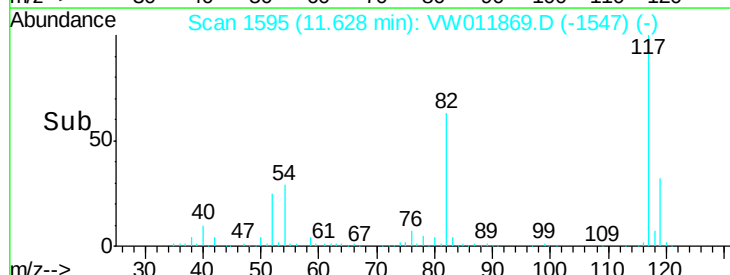
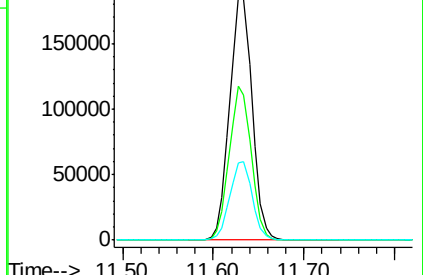
119 31.8 26.2 39.2

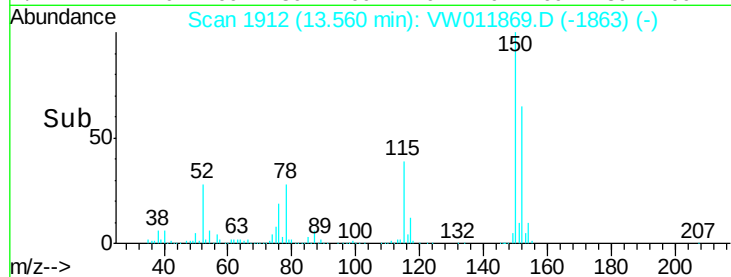
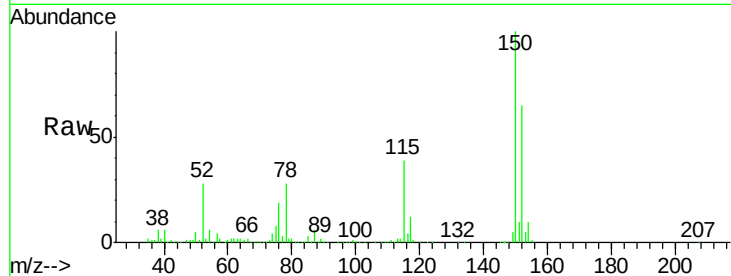
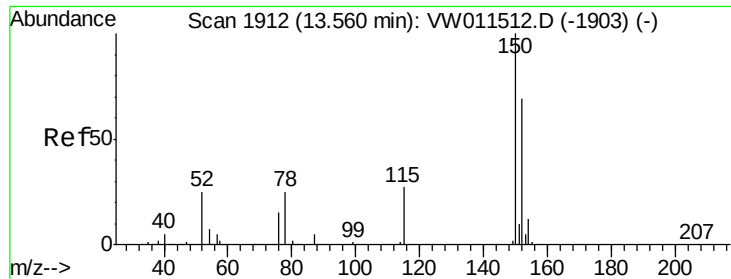


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011869.D

Acq: 13 Aug 2019 00:19

Instrument :

MSVOA_W

ClientSampleId :

2S-A2-(0)

Tot Ion:152 Resp: 119481

Ion Ratio Lower Upper

152 100

115 61.2 30.5 91.5

150 156.7 0.0 352.6

