

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011879.D
 Acq On : 13 Aug 2019 04:37
 Operator : SY/VA
 Sample : K4230-09
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-D1-(1)

Quant Time: Aug 13 10:00:08 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

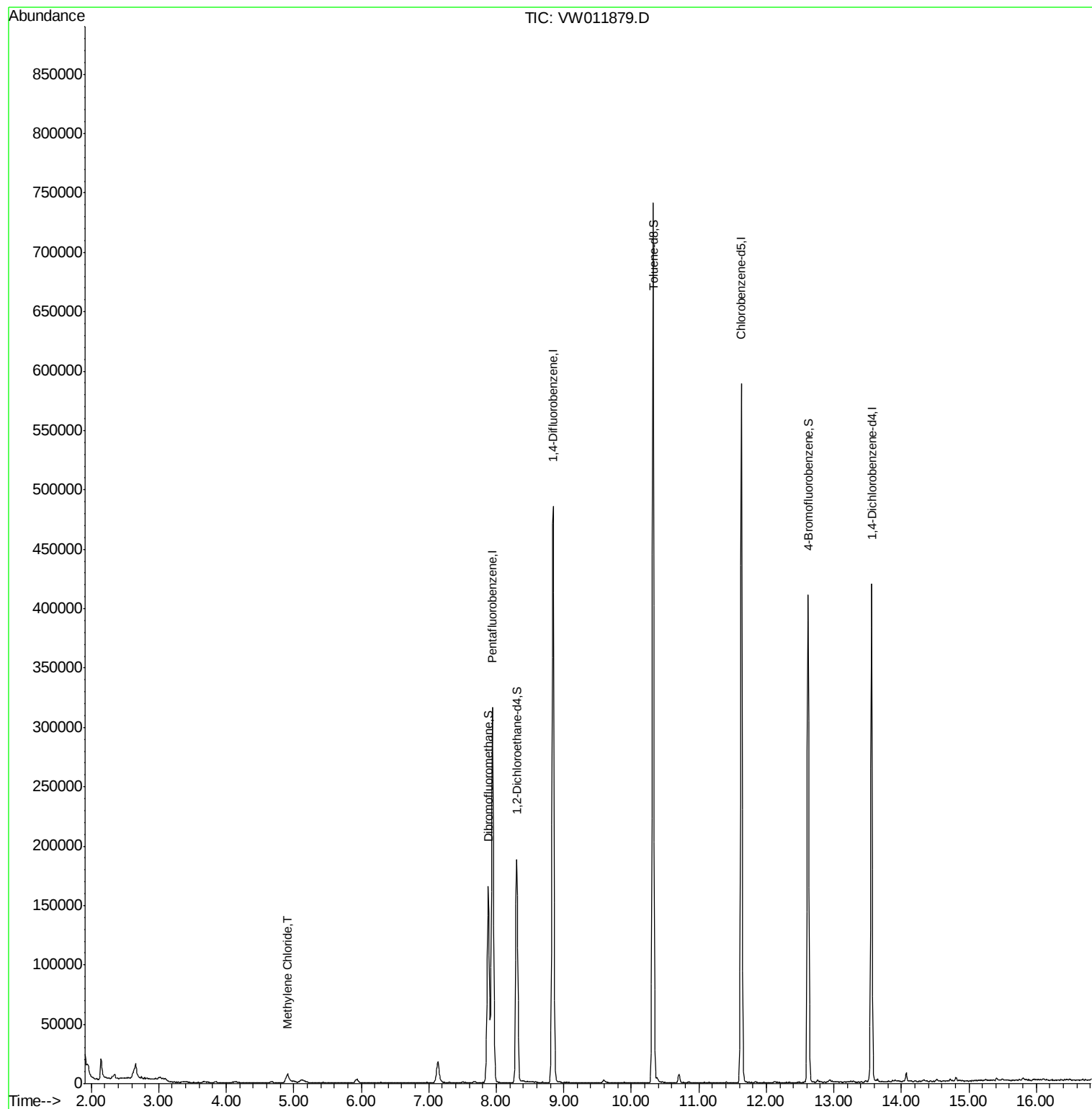
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150740	58.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.00%	
35) Dibromofluoromethane	7.88	113	117989	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
50) Toluene-d8	10.32	98	460219	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.62	95	133197	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						
20) Methylene Chloride	4.91	84	4785	1.678	ug/l	Qvalue 91

(#) = 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: VW011879.D

Acq: 13 Aug 2019 04:37

Instrument :

MSVOA_W

ClientSampled :

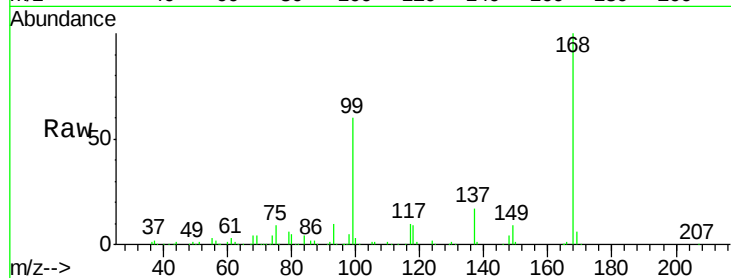
2S-D1-(1)

Tot Ion:168 Resp: 226337

Ion Ratio Lower Upper

168 100

99 60.0 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

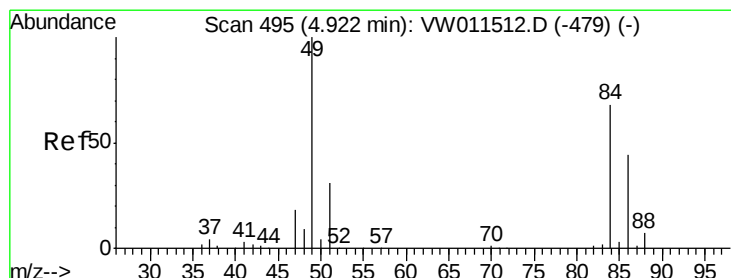
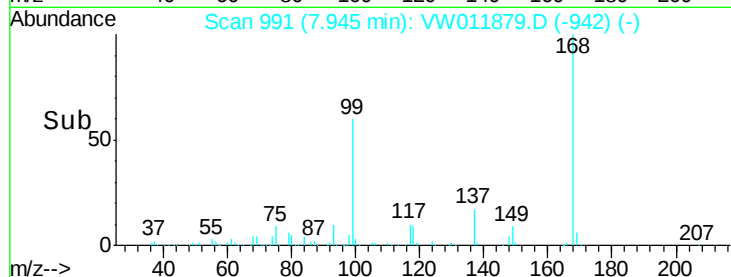
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 1.678 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011879.D

Acq: 13 Aug 2019 04:37

Tgt Ion: 84 Resp: 4785

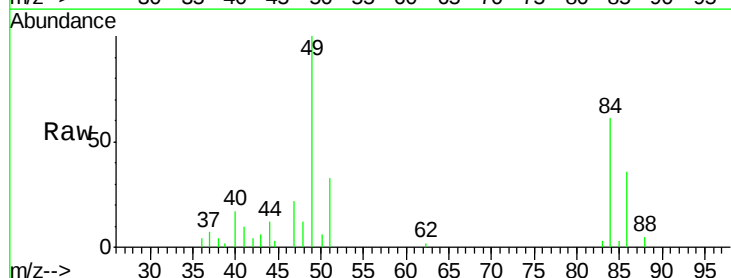
Ion Ratio Lower Upper

84 100

49 158.1 117.8 176.6

51 54.8 37.0 55.4

86 58.8 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

4.91

3000

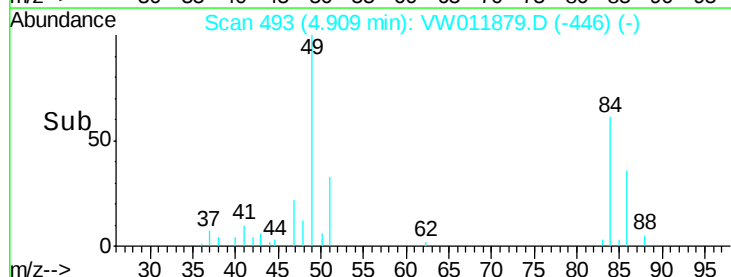
2000

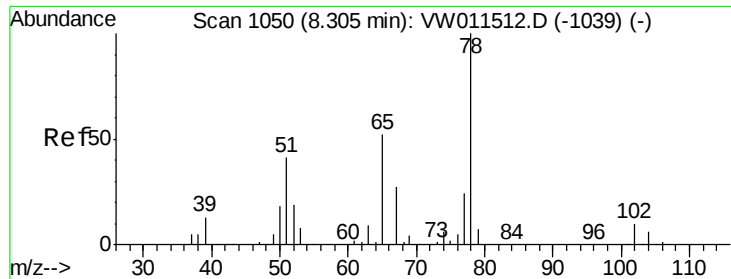
1000

0

4.80 4.90 5.00

Time-->

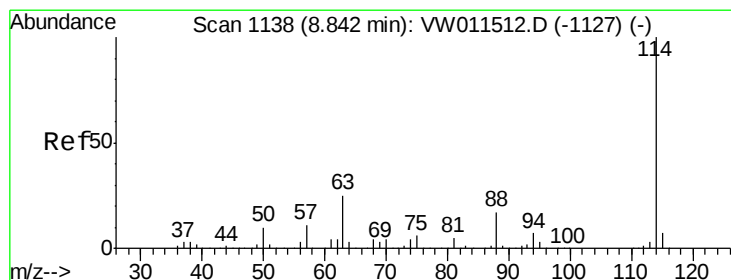
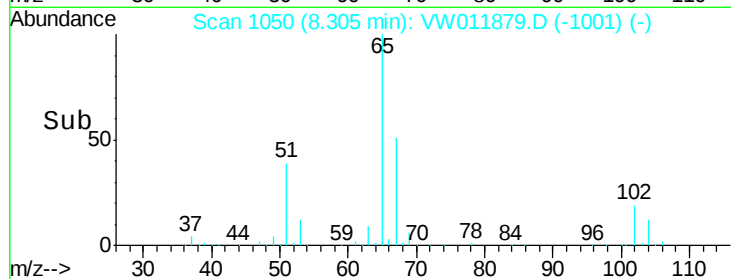
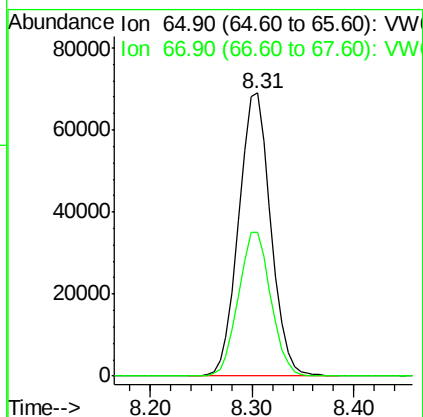
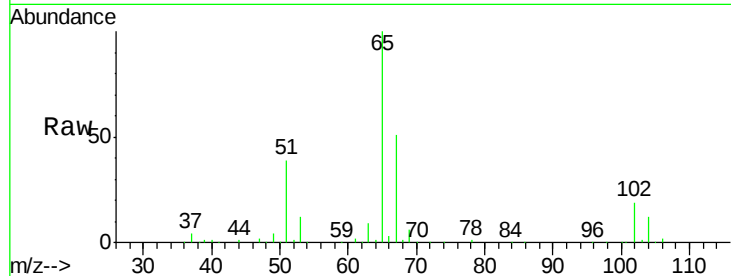




#33
 1,2-Dichloroethane-d4
 Concen: 58.000 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011879.D
 Acq: 13 Aug 2019 04:37

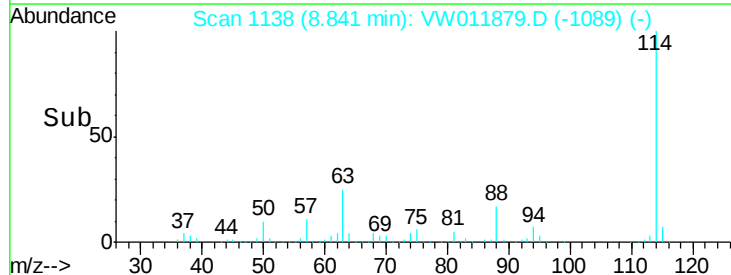
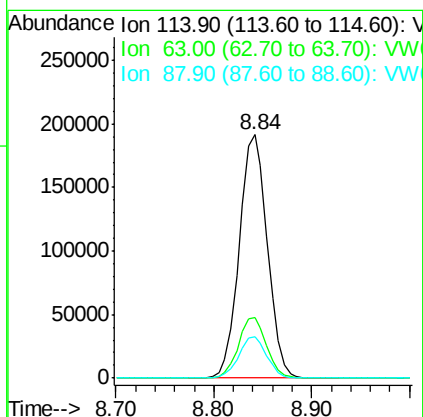
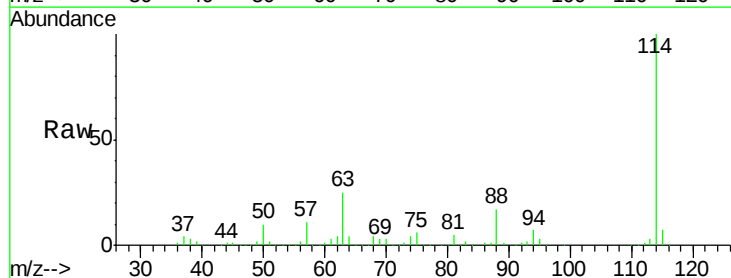
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-D1-(1)

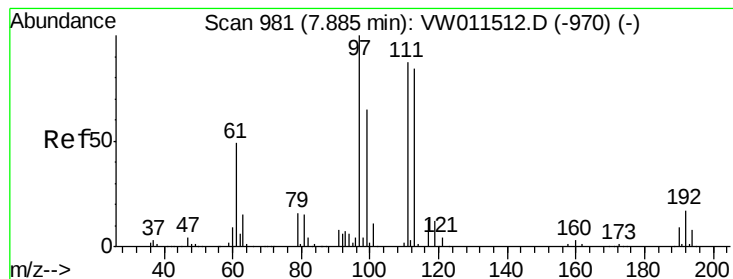
Tot Ion: 65 Resp: 150740
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011879.D
 Acq: 13 Aug 2019 04:37

Tgt Ion: 114 Resp: 379704
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.389 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011879.D

Acq: 13 Aug 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

2S-D1-(1)

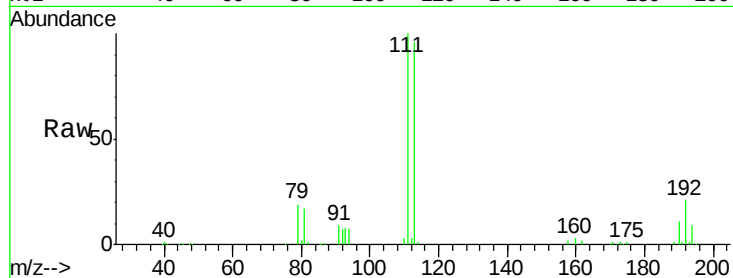
Tot Ion:113 Resp: 117989

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

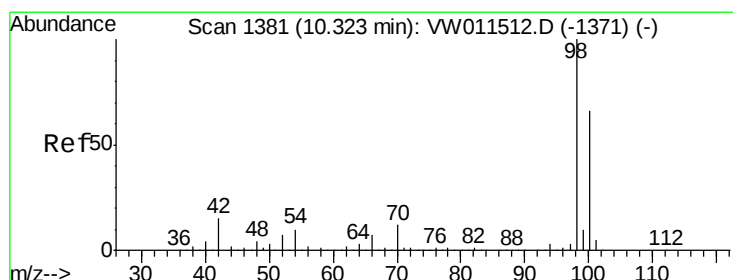
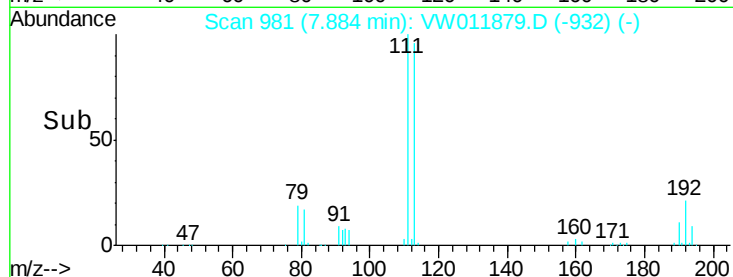
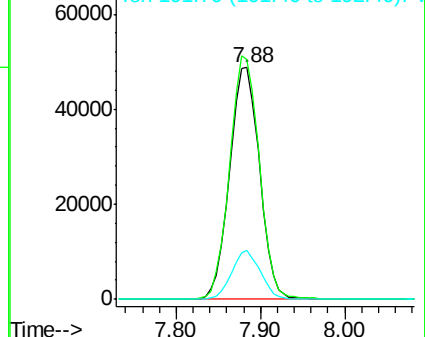
192 20.1 16.1 24.1



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: 52.767 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011879.D

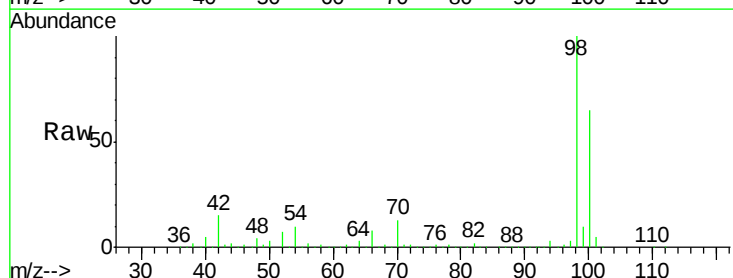
Acq: 13 Aug 2019 04:37

Tgt Ion: 98 Resp: 460219

Ion Ratio Lower Upper

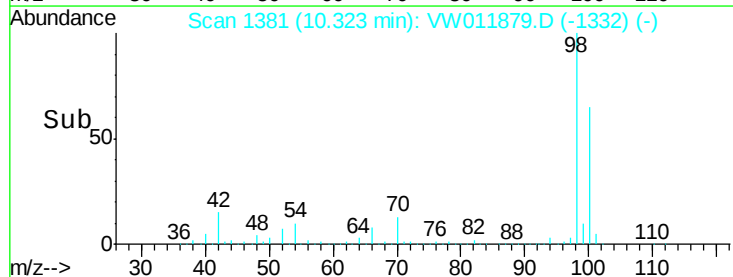
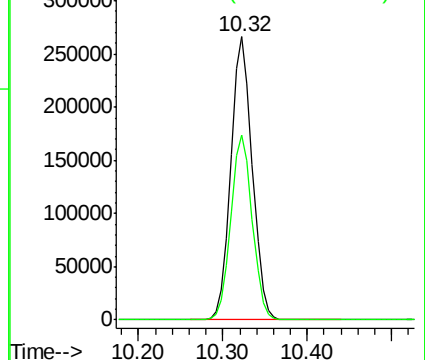
98 100

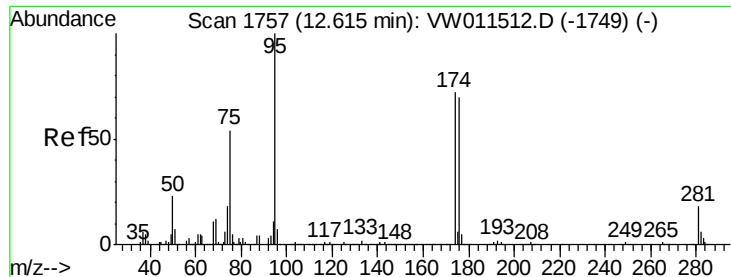
100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.836 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011879.D

Acq: 13 Aug 2019 04:37

Instrument :

MSVOA_W

ClientSampled :

2S-D1-(1)

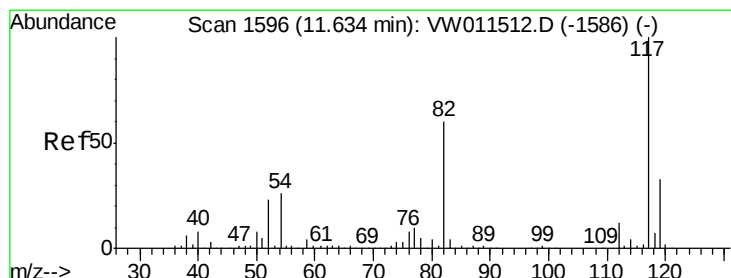
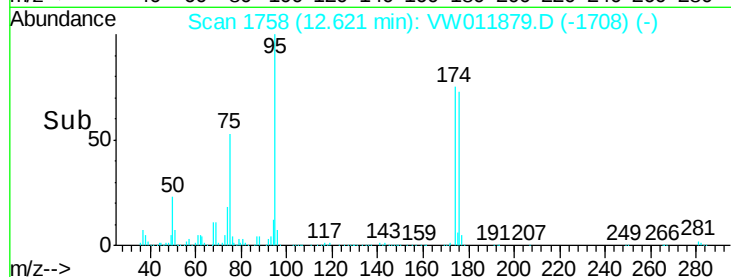
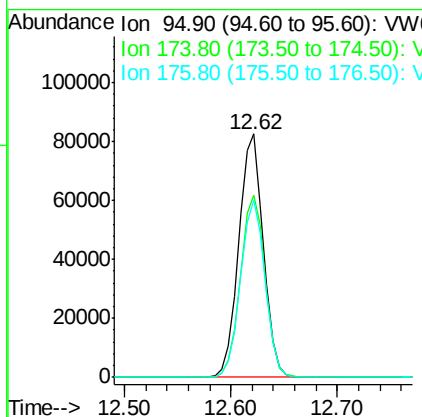
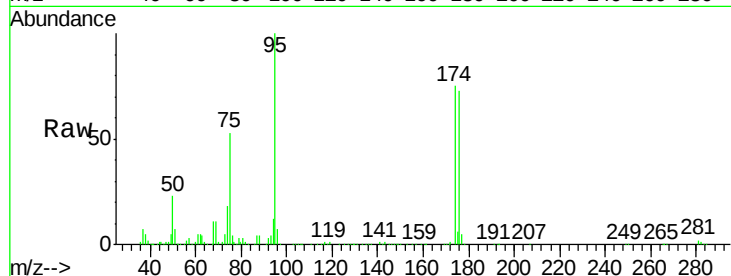
Tot Ion: 95 Resp: 133197

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 72.8 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011879.D

Acq: 13 Aug 2019 04:37

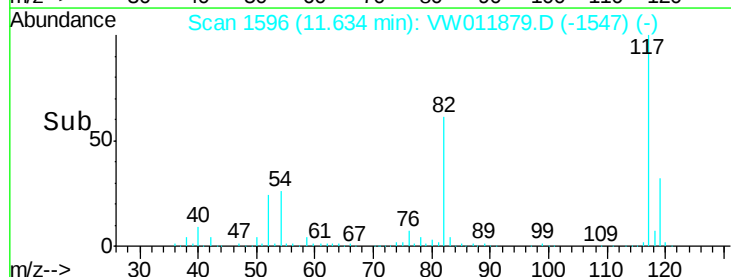
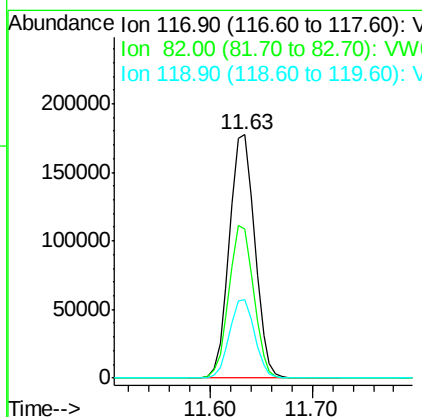
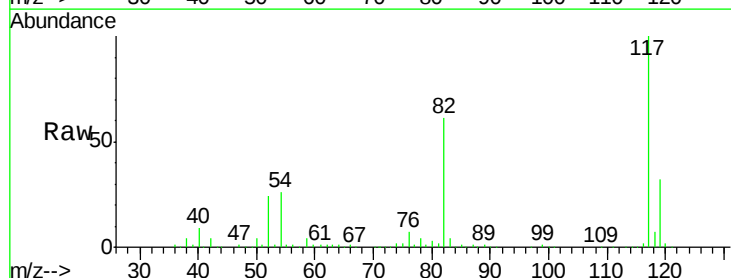
Tgt Ion: 117 Resp: 304755

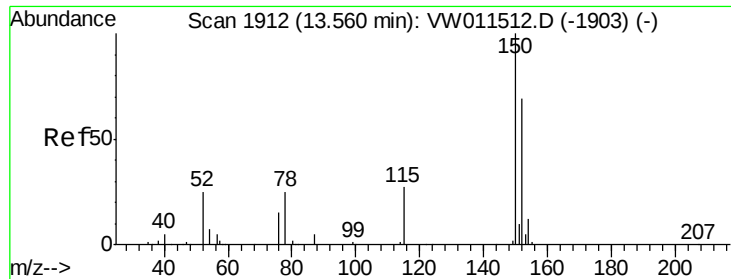
Ion Ratio Lower Upper

117 100

82 61.0 47.9 71.9

119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011879.D

Acq: 13 Aug 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

2S-D1-(1)

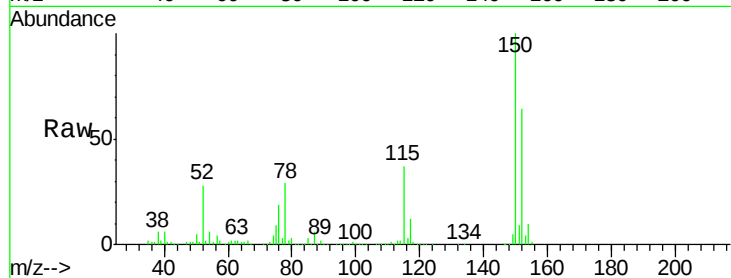
Tot Ion:152 Resp: 102503

Ion Ratio Lower Upper

152 100

115 58.6 30.5 91.5

150 155.7 0.0 352.6



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

