

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012673.D
 Acq On : 06 Sep 2019 06:05
 Operator : SY/VA
 Sample : K4581-01
 Misc : 1.81G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-B4-(3.5)

Quant Time: Sep 06 08:52:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

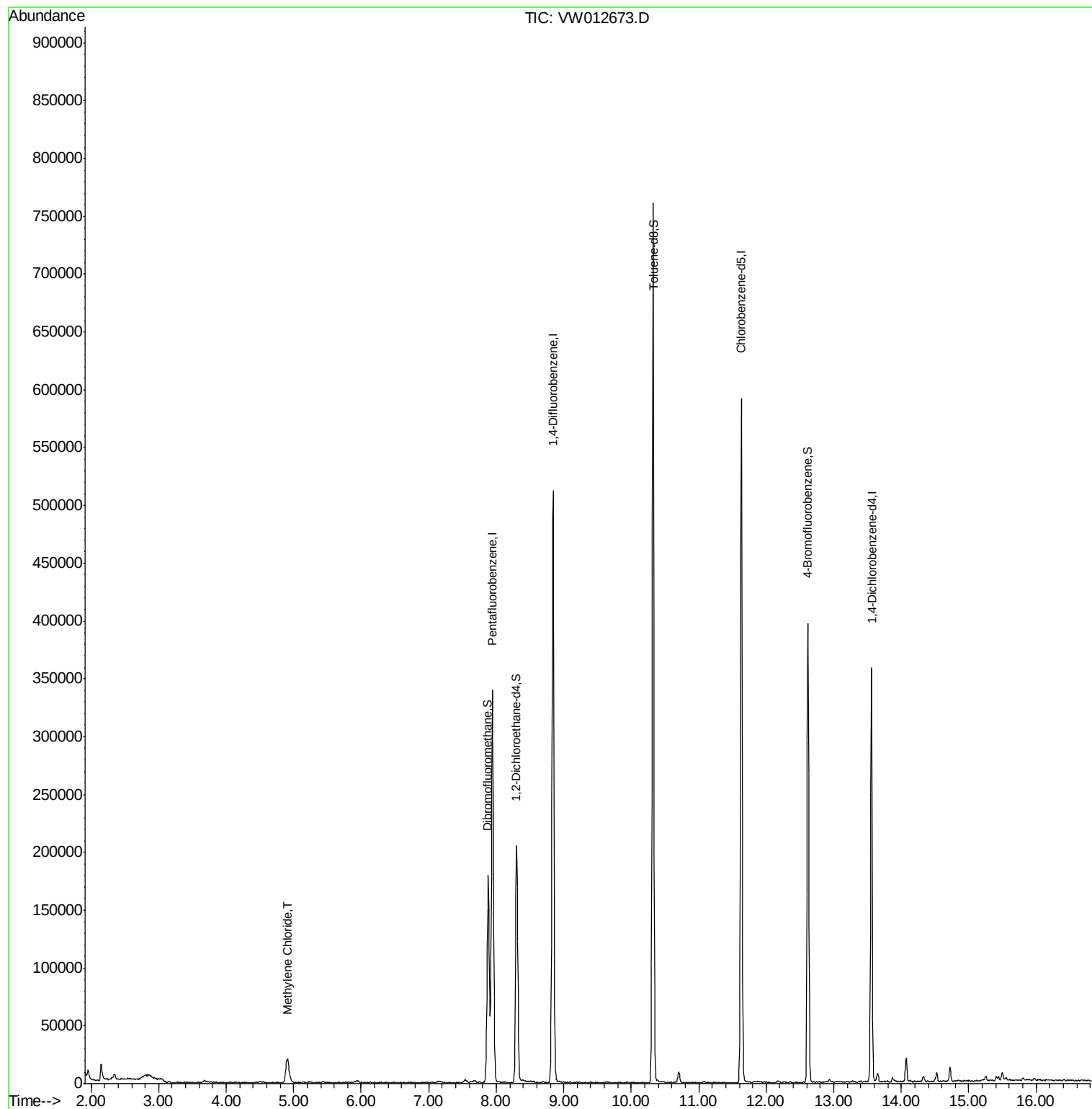
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	170471	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
35) Dibromofluoromethane	7.88	113	127049	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	10.32	98	480295	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.62	95	125464	36.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.98%	
Target Compounds						
20) Methylene Chloride	4.92	84	15748	5.568	ug/l	Qvalue 87

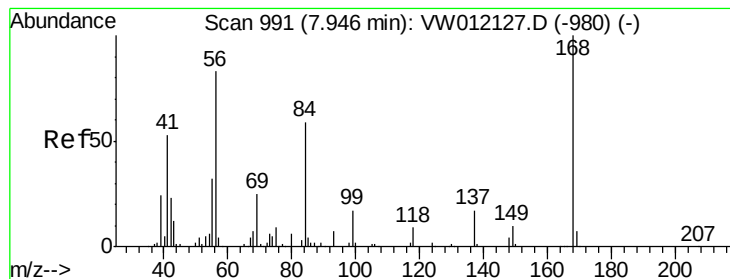
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012673.D

Acq: 06 Sep 2019 06:05

Instrument :

MSVOA_W

ClientSampleId :

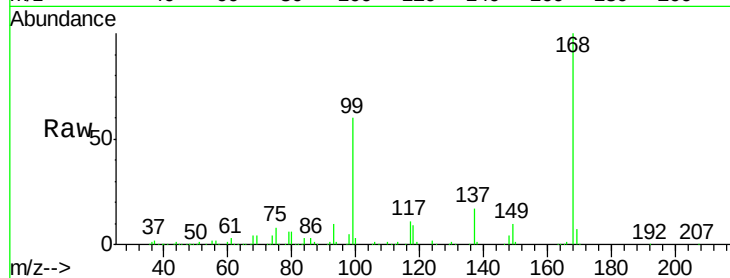
T12-B4-(3.5)

Tot Ion:168 Resp: 246208

Ion Ratio Lower Upper

168 100

99 59.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

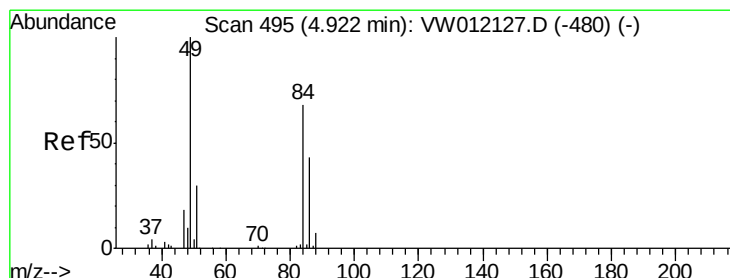
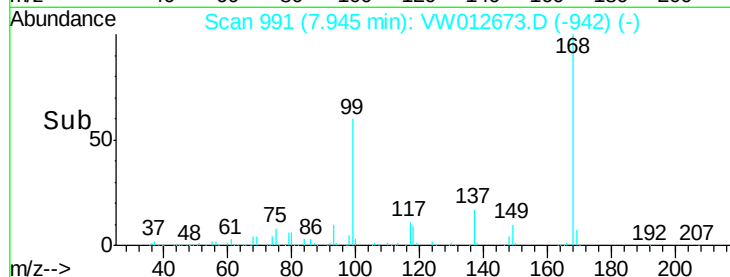
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.568 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012673.D

Acq: 06 Sep 2019 06:05

Tgt Ion: 84 Resp: 15748

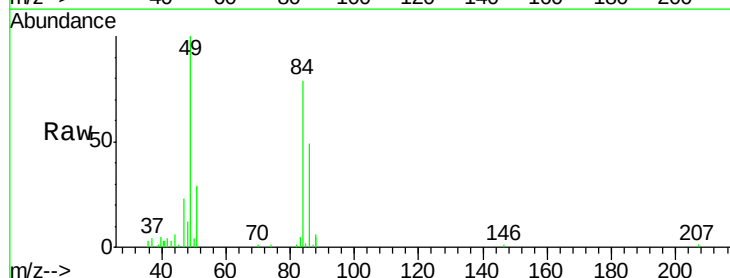
Ion Ratio Lower Upper

84 100

49 125.4 117.8 176.8

51 37.3 35.6 53.4

86 61.8 51.2 76.8



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

10000

8000

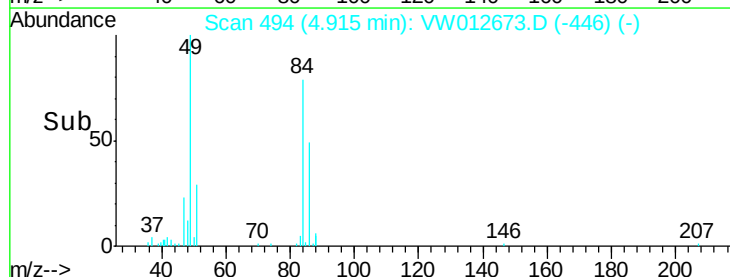
6000

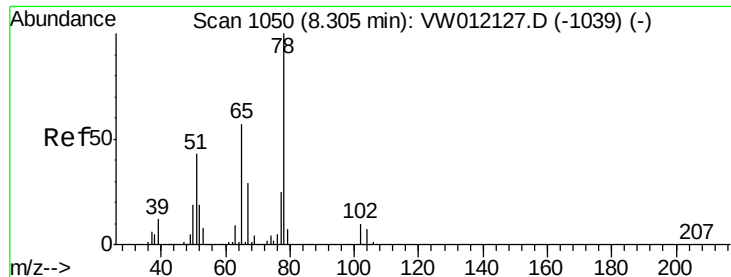
4000

2000

0

Time-->

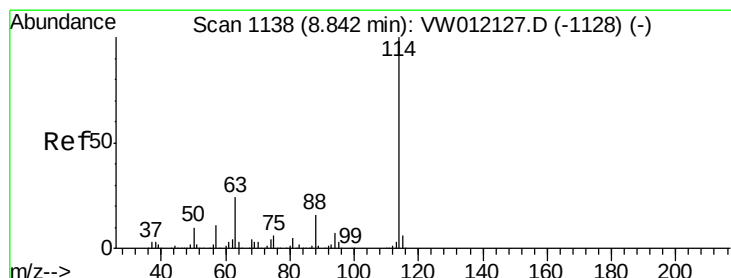
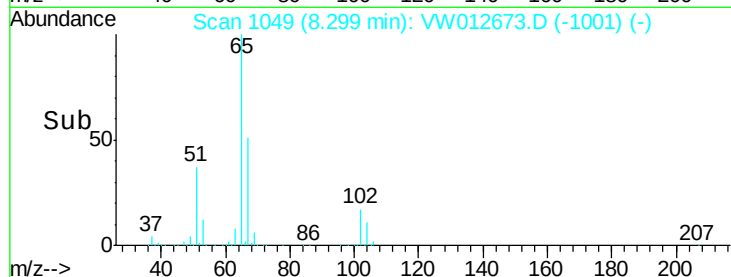
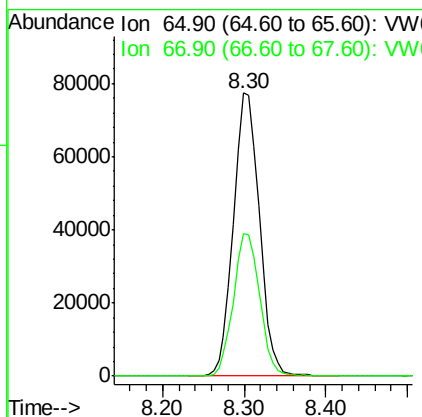
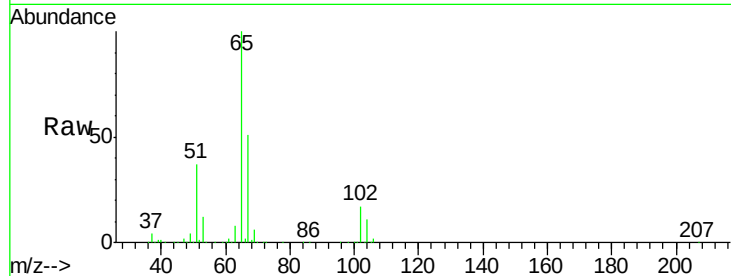




#33
 1,2-Dichloroethane-d4
 Concen: 58.245 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012673.D
 Acq: 06 Sep 2019 06:05

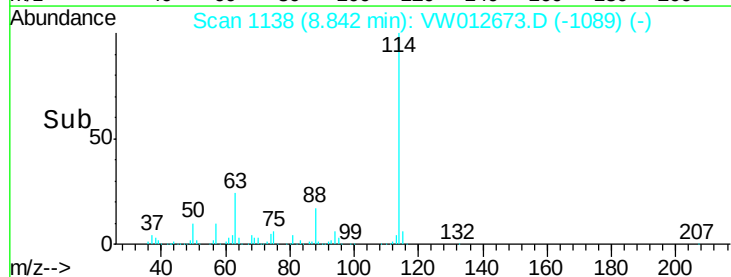
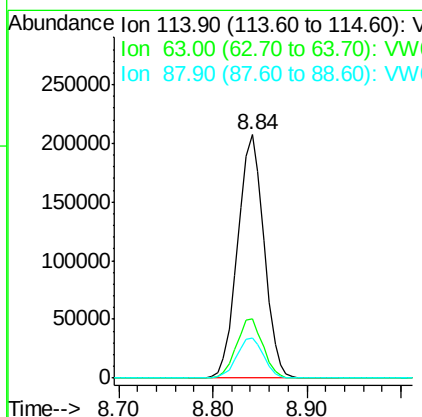
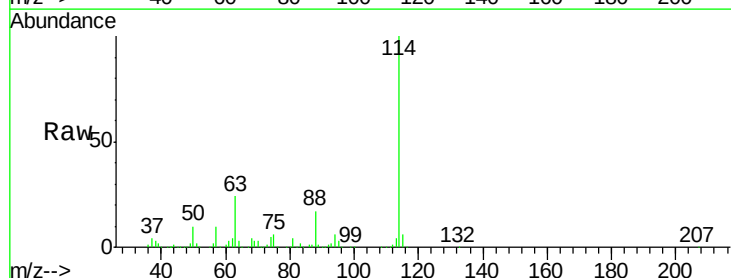
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-B4-(3.5)

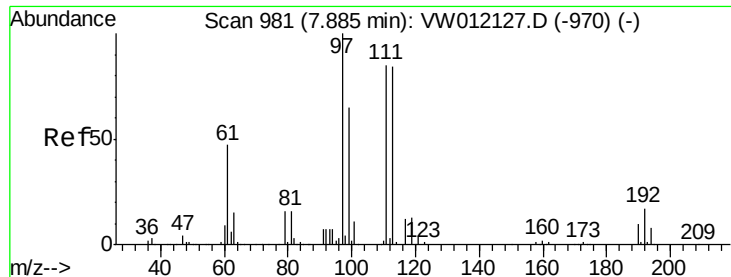
Tot Ion: 65 Resp: 170471
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012673.D
 Acq: 06 Sep 2019 06:05

Tgt Ion: 114 Resp: 402990
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.817 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012673.D

Acq: 06 Sep 2019 06:05

Instrument :

MSVOA_W

ClientSampleId :

T12-B4-(3.5)

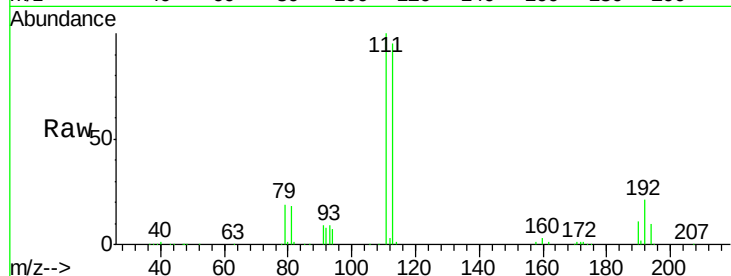
Tot Ion:113 Resp: 127049

Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

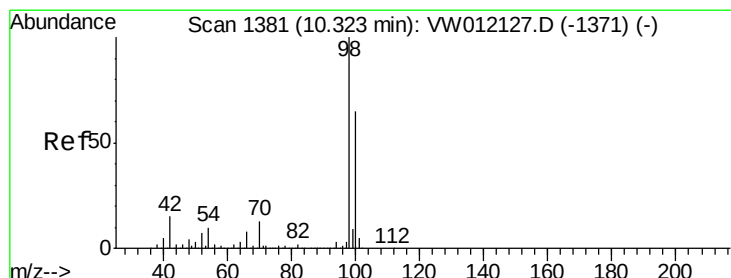
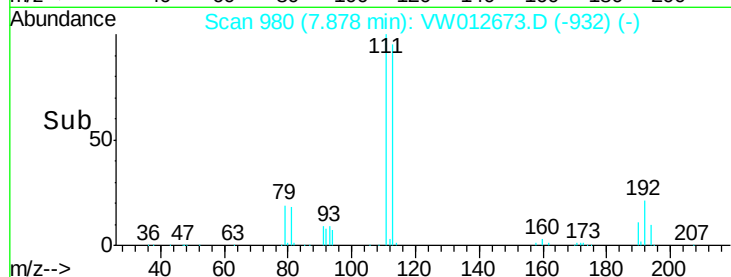
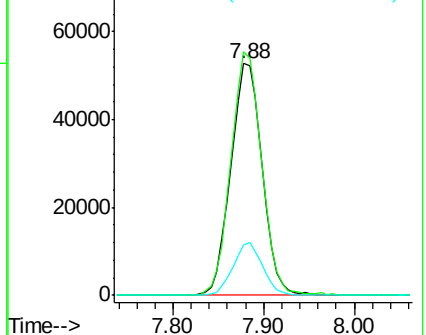
192 21.5 16.2 24.2



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: 49.244 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012673.D

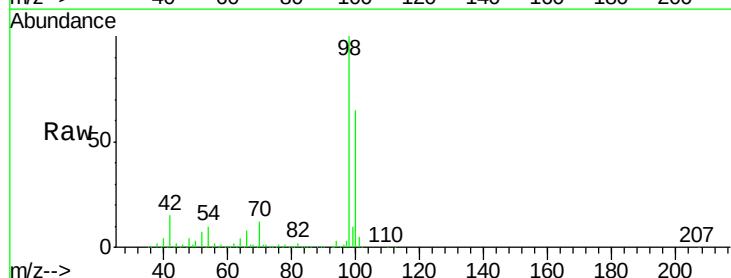
Acq: 06 Sep 2019 06:05

Tgt Ion: 98 Resp: 480295

Ion Ratio Lower Upper

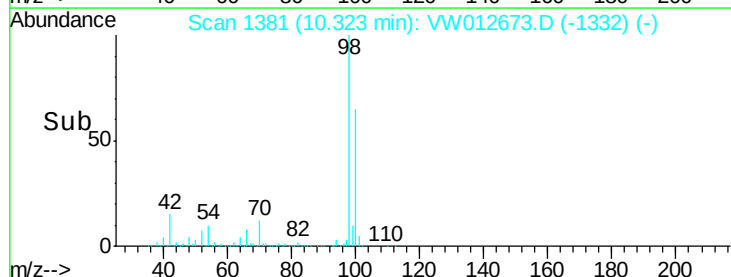
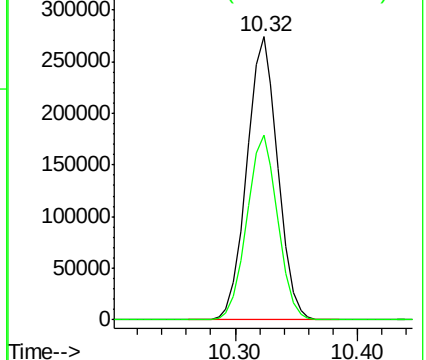
98 100

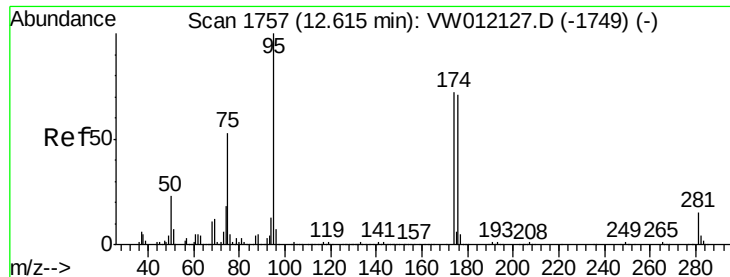
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 36.492 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012673.D

Acq: 06 Sep 2019 06:05

Instrument :

MSVOA_W

ClientSampleId :

T12-B4-(3.5)

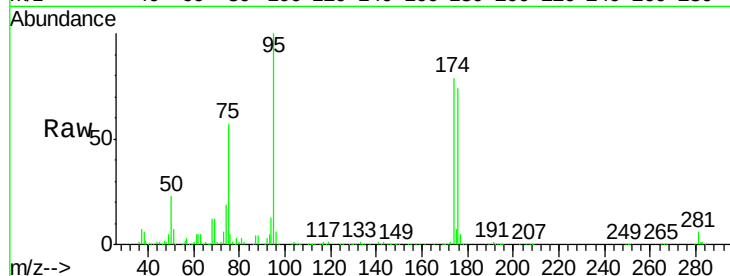
Tot Ion: 95 Resp: 125464

Ion Ratio Lower Upper

95 100

174 79.8 0.0 150.8

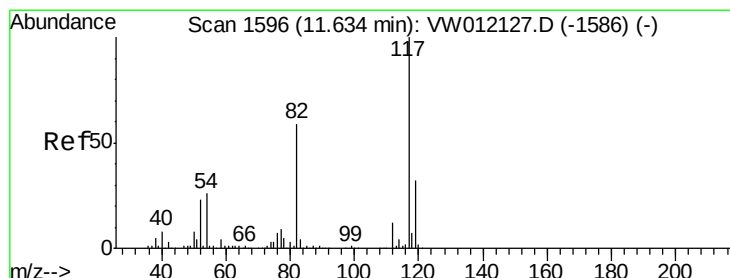
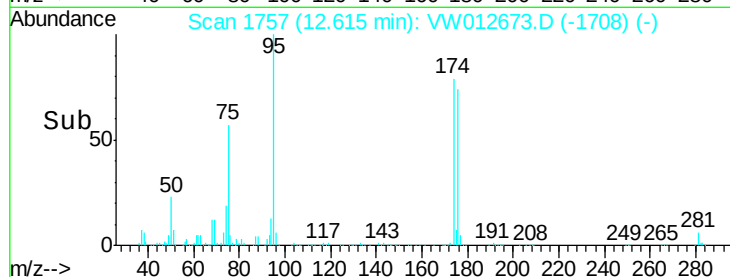
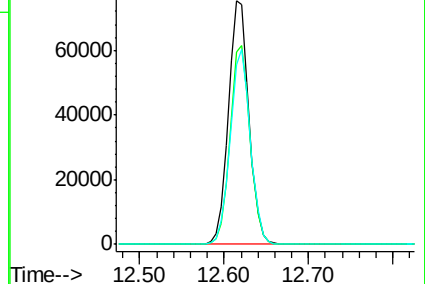
176 78.4 0.0 148.6



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: VW012673.D

Acq: 06 Sep 2019 06:05

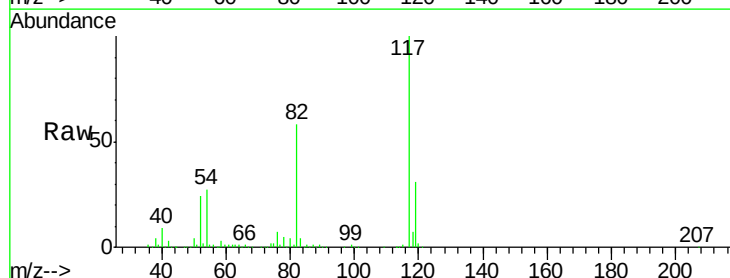
Tgt Ion: 117 Resp: 315321

Ion Ratio Lower Upper

117 100

82 58.3 47.4 71.2

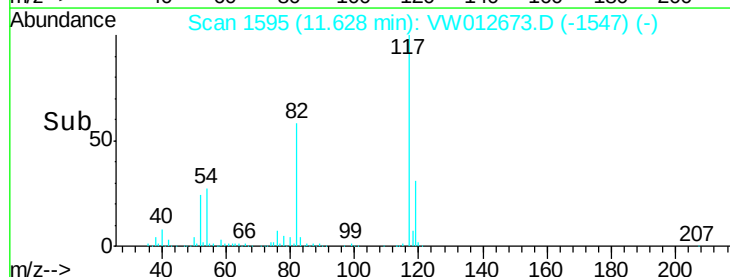
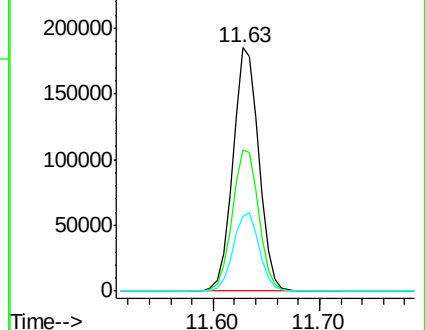
119 30.7 25.4 38.2

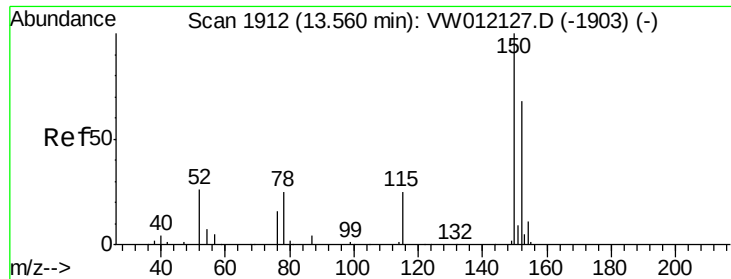


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012673.D

Acq: 06 Sep 2019 06:05

Instrument :

MSVOA_W

ClientSampleId :

T12-B4-(3.5)

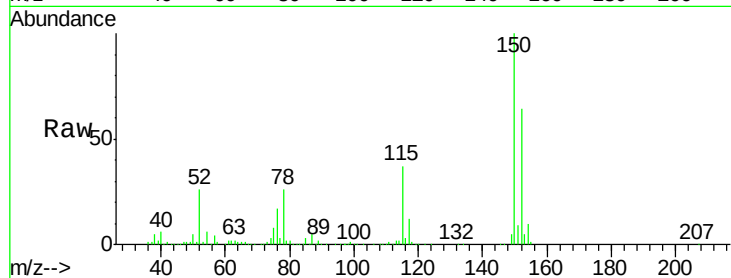
Tot Ion:152 Resp: 91034

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.3

150 157.6 0.0 345.8



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

