

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013240.D
 Acq On : 23 Sep 2019 19:05
 Operator : SY/VA
 Sample : K4957-05
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-39-14.0-14.5

Quant Time: Sep 24 07:53:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

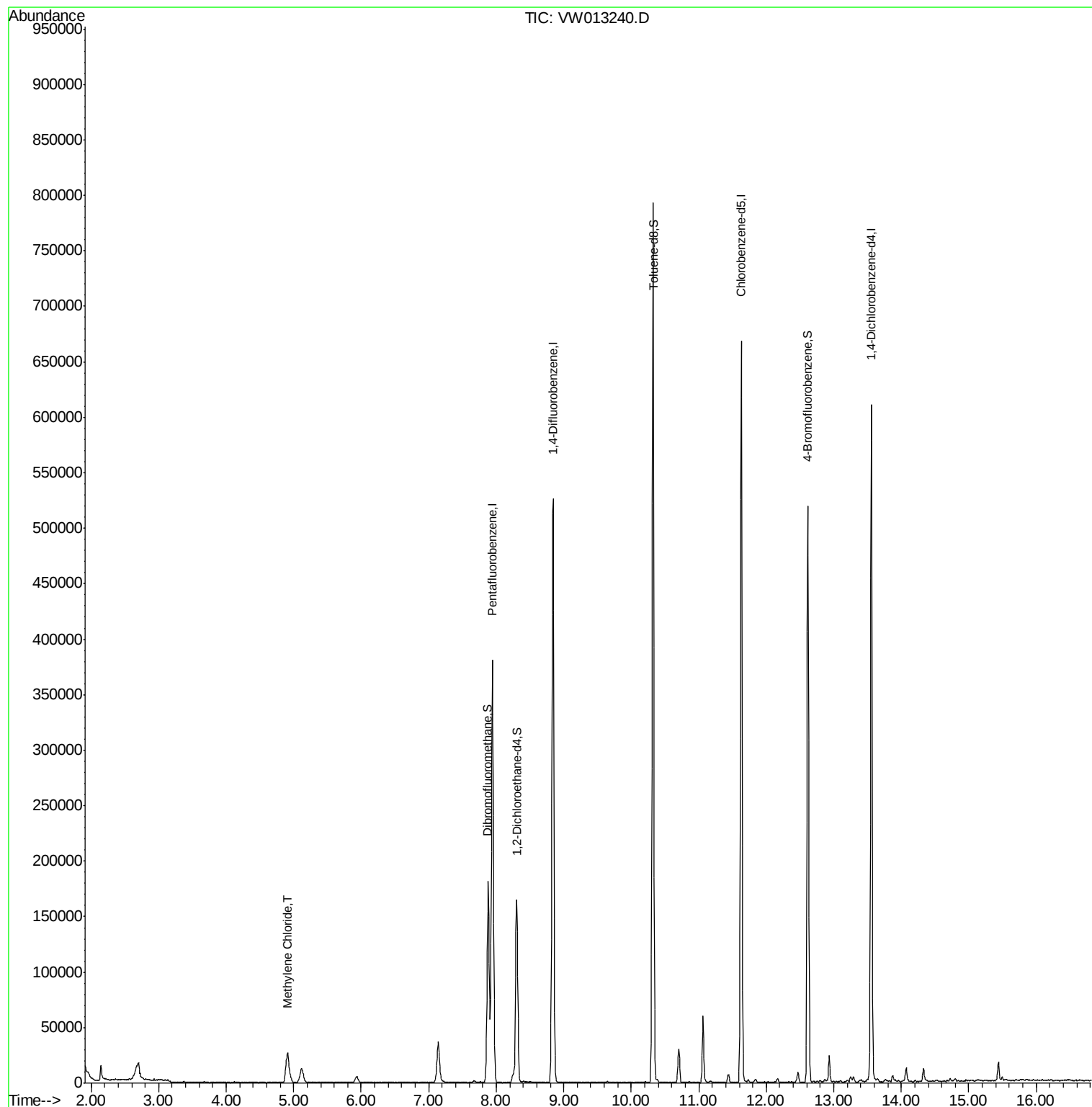
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	311657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	471191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	170597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129744	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	7.88	113	127880	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.32	98	541366	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	167654	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
20) Methylene Chloride	4.91	84	23015	5.245	ug/l	Qvalue 95

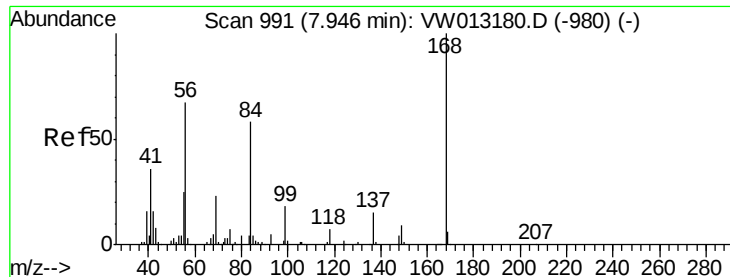
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_W

ClientSampleId :

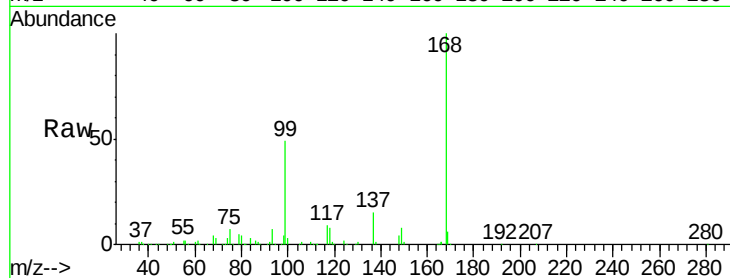
SB-39-14.0-14.5

Tot Ion:168 Resp: 311657

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

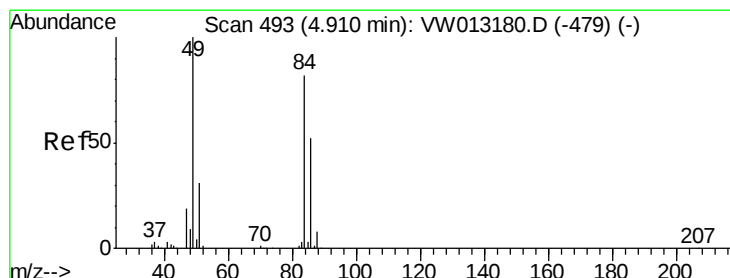
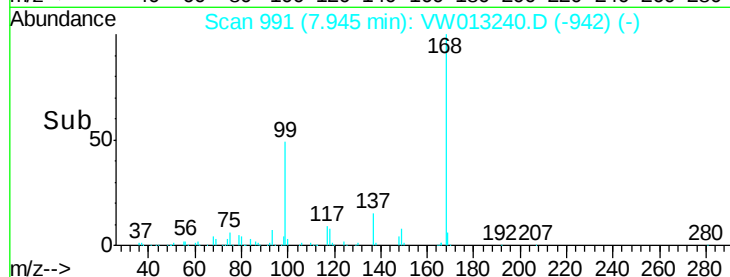
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 5.245 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013240.D

Acq: 23 Sep 2019 19:05

Tgt Ion: 84 Resp: 23015

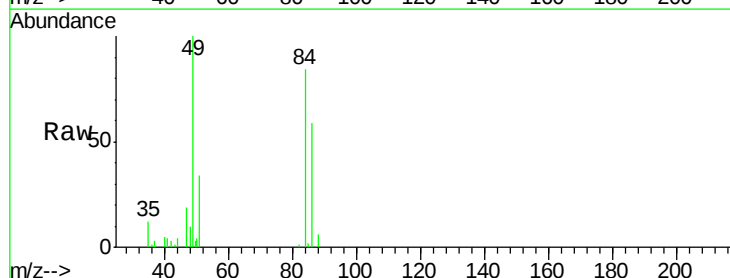
Ion Ratio Lower Upper

84 100

49 118.6 97.6 146.4

51 40.9 30.2 45.2

86 70.4 50.6 76.0



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

12000

10000

8000

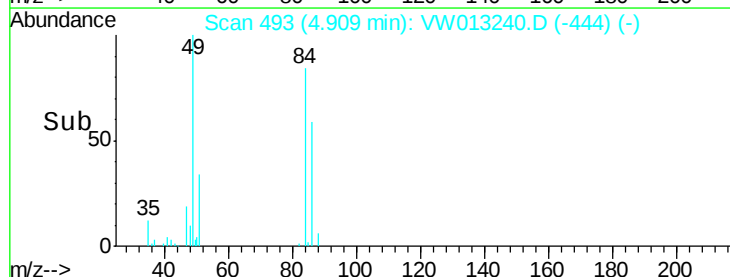
6000

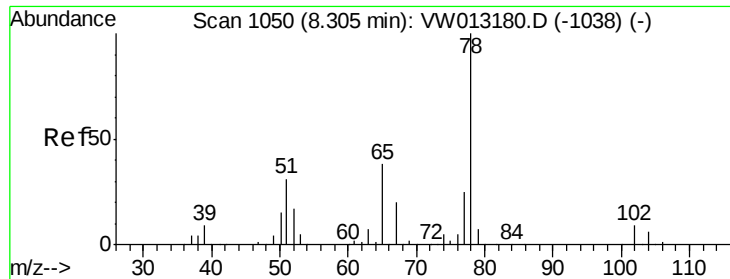
4000

2000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 51.008 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013240.D

Acq: 23 Sep 2019 19:05

Instrument :

MSVOA_W

ClientSampleId :

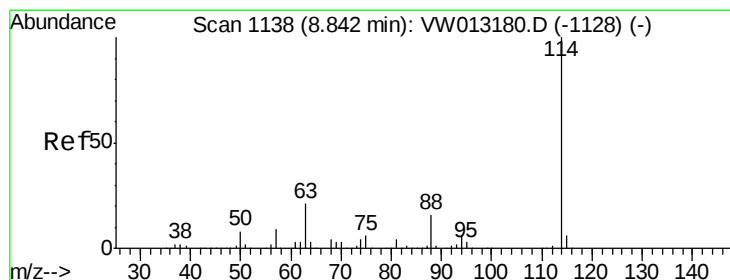
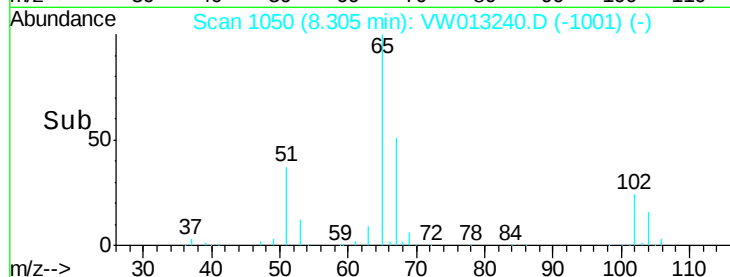
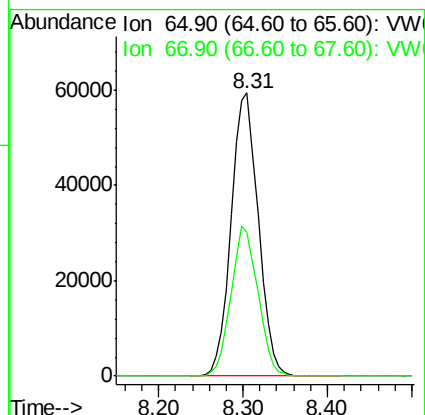
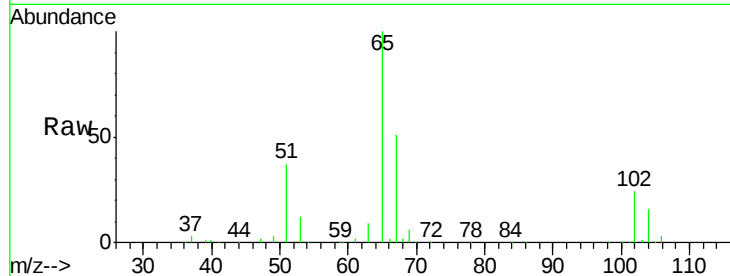
SB-39-14.0-14.5

Tot Ion: 65 Resp: 129744

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013240.D

Acq: 23 Sep 2019 19:05

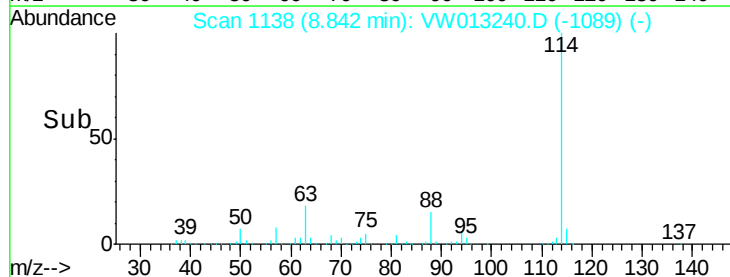
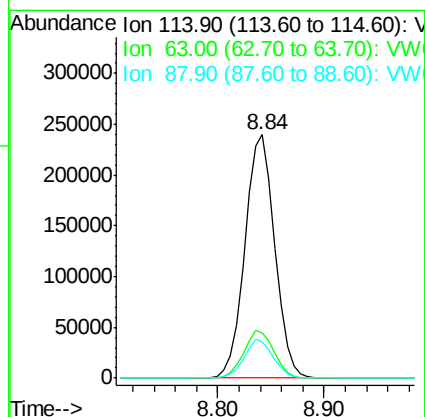
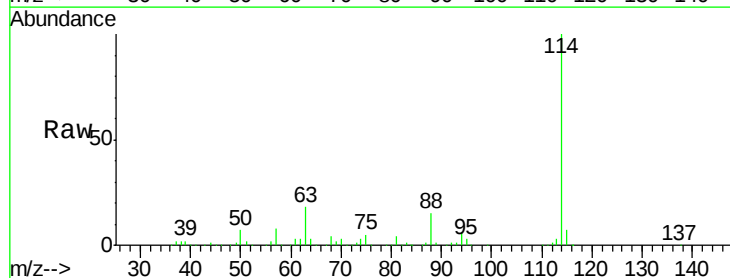
Tgt Ion: 114 Resp: 471191

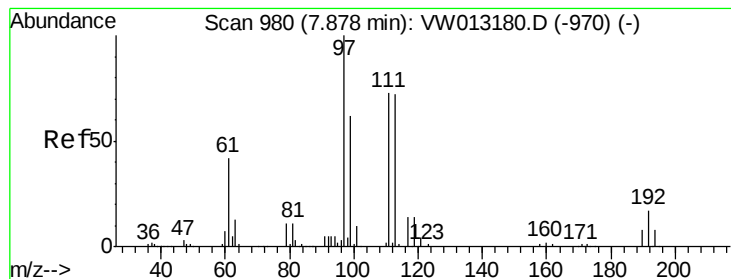
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.4

88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.345 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013240.D

Acq: 23 Sep 2019 19:05

Instrument :

MSVOA_W

ClientSampleId :

SB-39-14.0-14.5

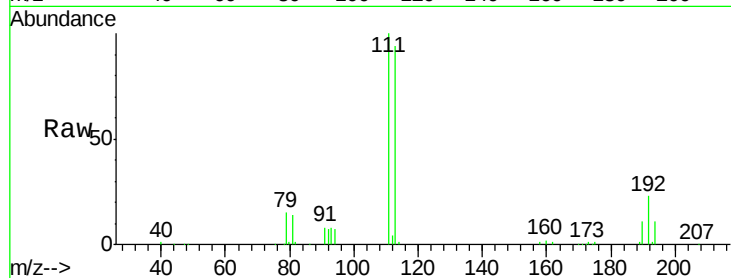
Tot Ion:113 Resp: 127880

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

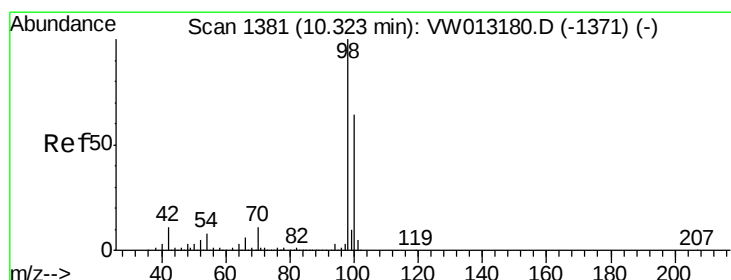
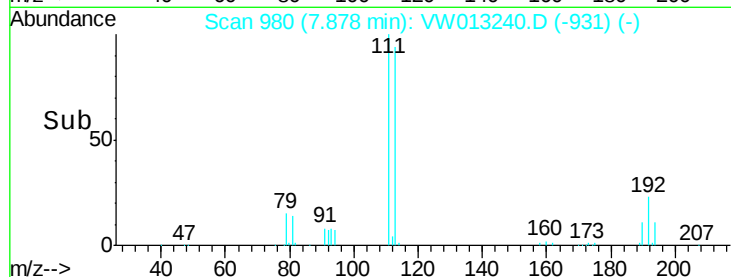
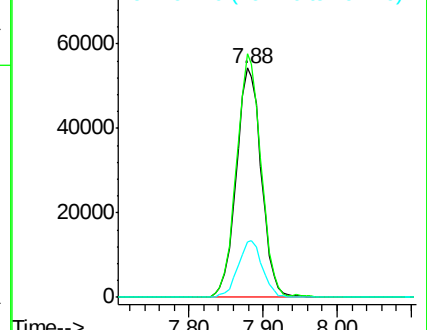
192 24.2 19.1 28.7



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: 49.914 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013240.D

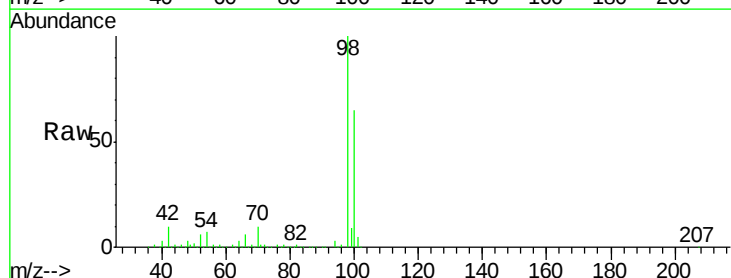
Acq: 23 Sep 2019 19:05

Tgt Ion: 98 Resp: 541366

Ion Ratio Lower Upper

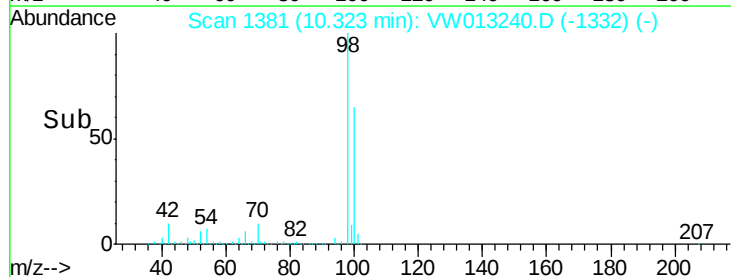
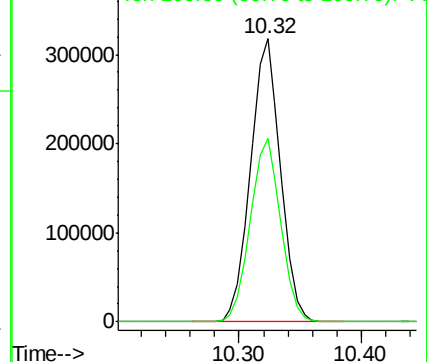
98 100

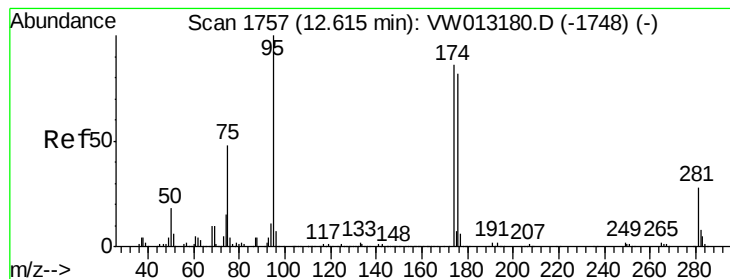
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.252 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013240.D

Acq: 23 Sep 2019 19:05

Instrument :

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SB-39-14.0-14.5

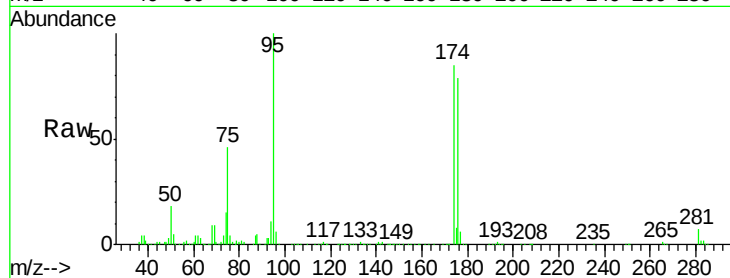
Tot Ion: 95 Resp: 167654

Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.4

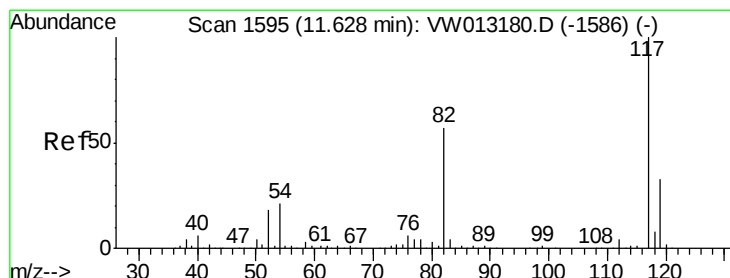
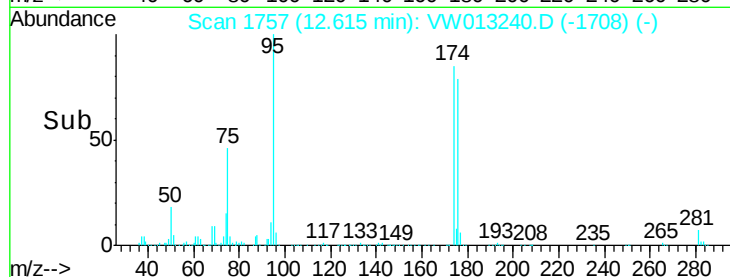
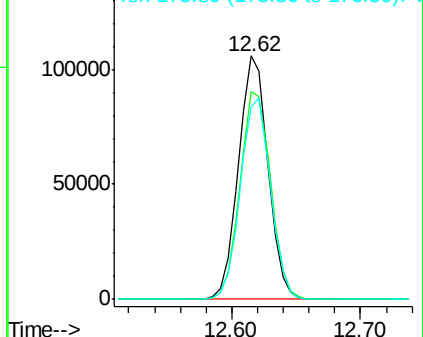
176 84.2 0.0 172.2



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. -0.00 min

Lab File: VW013240.D

Acq: 23 Sep 2019 19:05

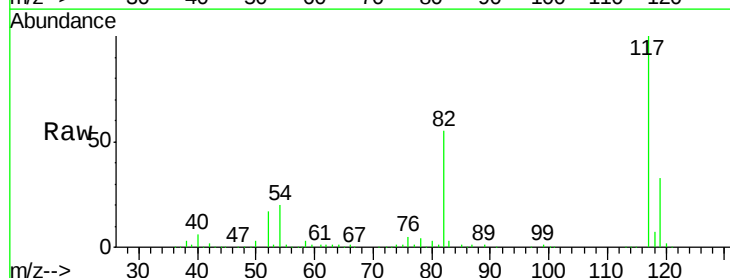
Tgt Ion: 117 Resp: 388387

Ion Ratio Lower Upper

117 100

82 54.9 45.9 68.9

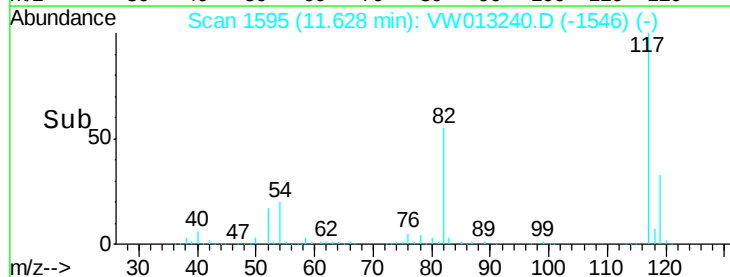
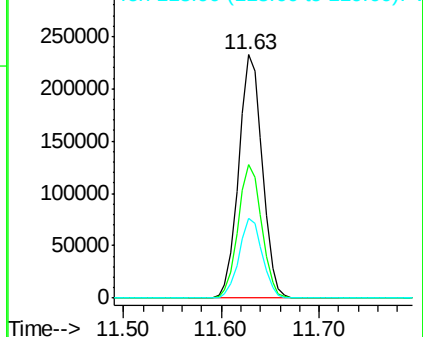
119 32.7 26.2 39.2

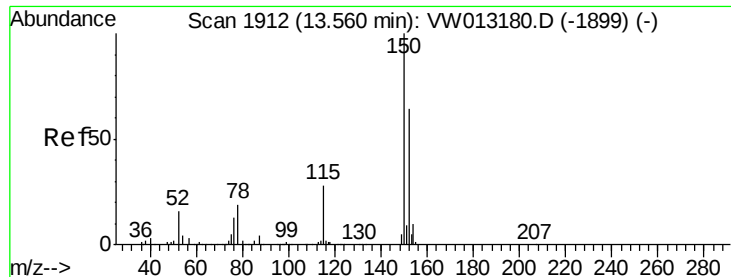


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013240.D

Acq: 23 Sep 2019 19:05

Instrument :

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ClientSampleId :

SB-39-14.0-14.5

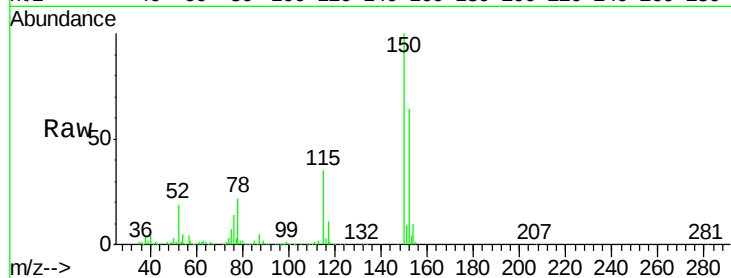
Tot Ion:152 Resp: 170597

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

150 156.2 0.0 349.0



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

