

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012209.D
 Acq On : 27 Aug 2019 13:41
 Operator : SY/VA
 Sample : K4521-05
 Misc : 4.14G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-08

Quant Time: Aug 28 05:42:04 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

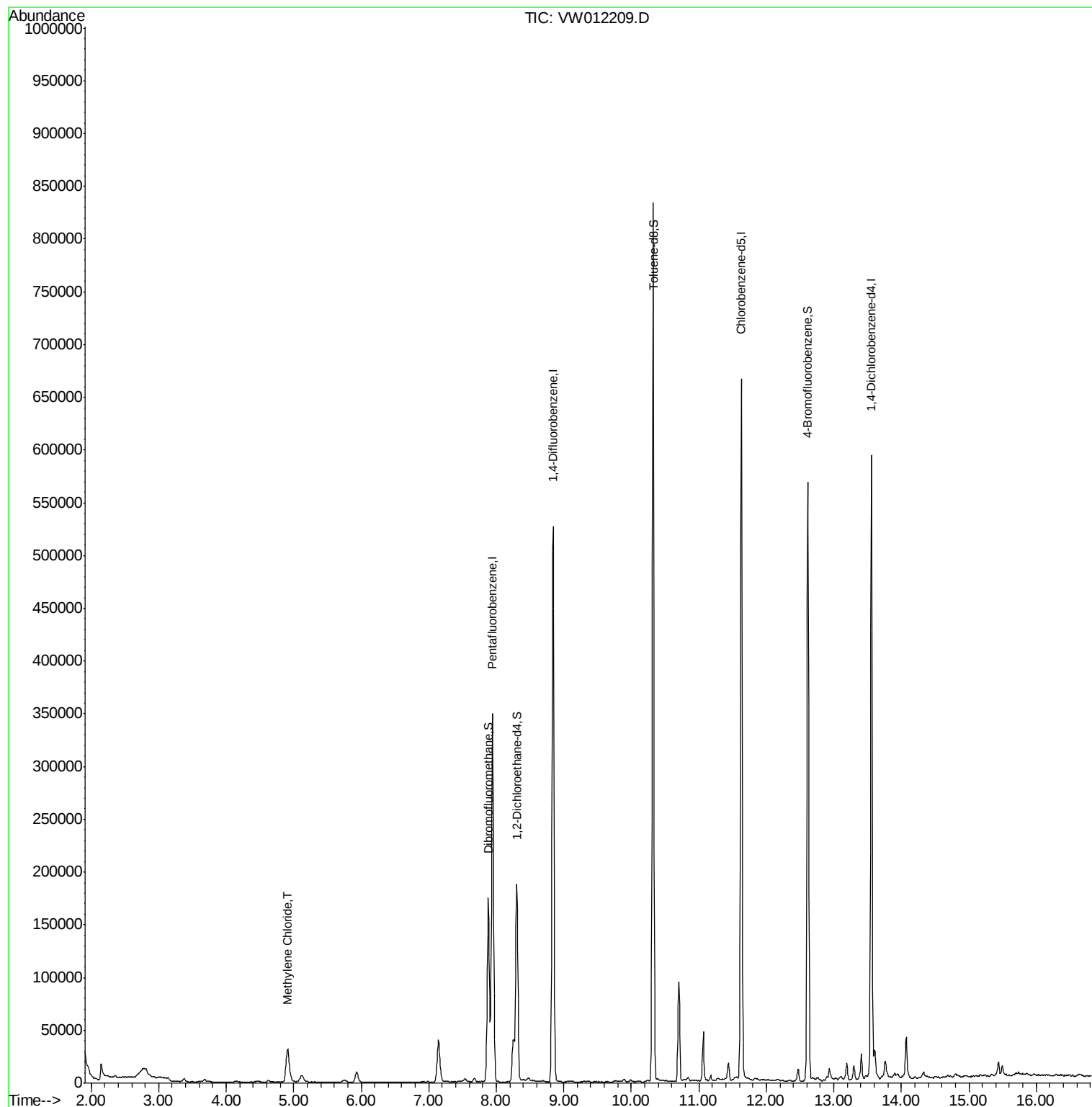
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150754	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	123992	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	10.32	98	517925	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	171173	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
Target Compounds						
20) Methylene Chloride	4.92	84	23409	8.148	ug/l	Qvalue 96

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

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Quant Title : SW846 8260
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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: VW012209.D

Acq: 27 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampled :

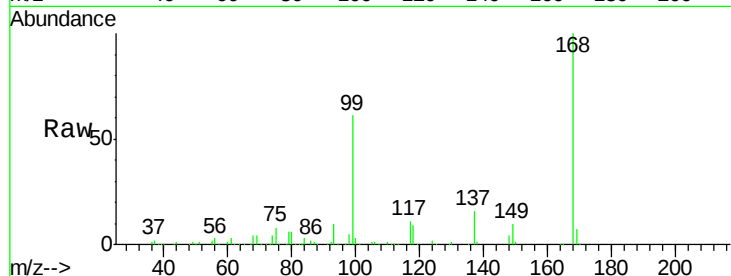
PX-08

Tot Ion:168 Resp: 250083

Ion Ratio Lower Upper

168 100

99 61.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

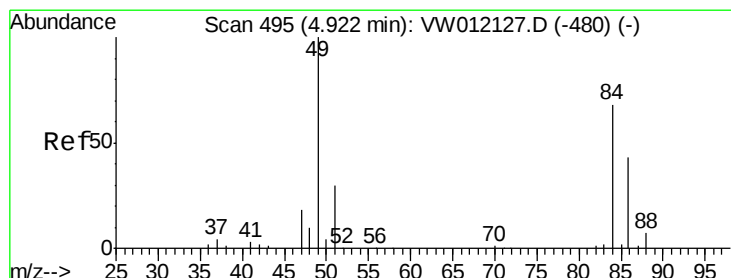
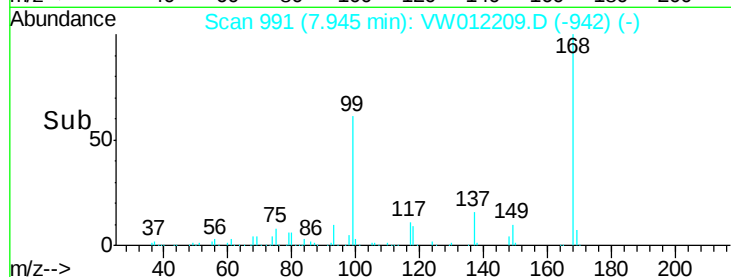
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 8.148 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012209.D

Acq: 27 Aug 2019 13:41

Tgt Ion: 84 Resp: 23409

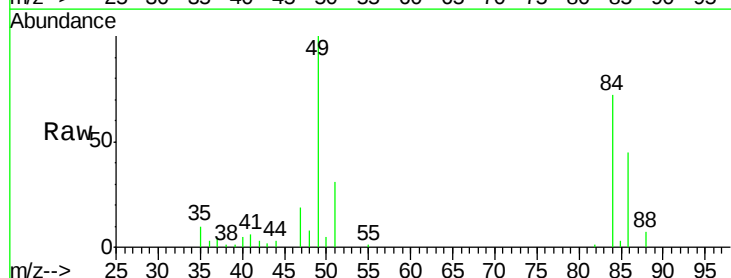
Ion Ratio Lower Upper

84 100

49 139.5 117.8 176.8

51 42.9 35.6 53.4

86 62.6 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

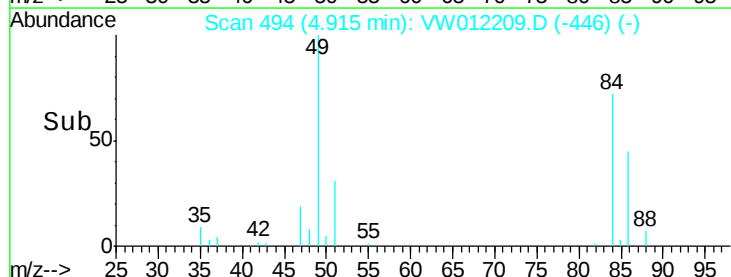
15000

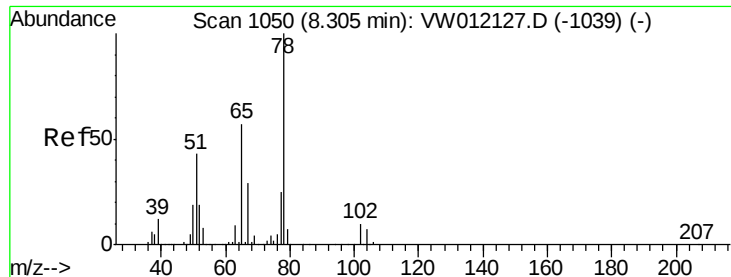
10000

5000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 50.710 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012209.D

Acq: 27 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

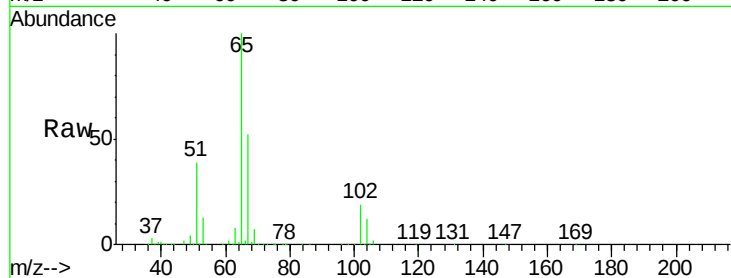
PX-08

Tot Ion: 65 Resp: 150754

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

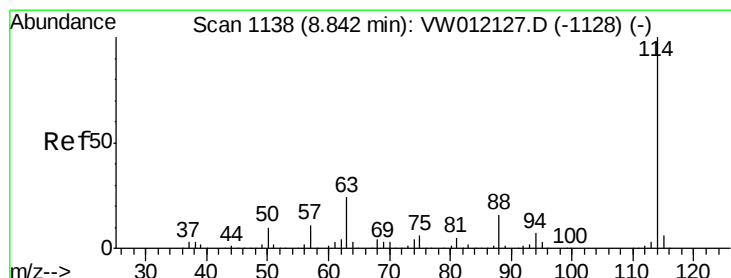
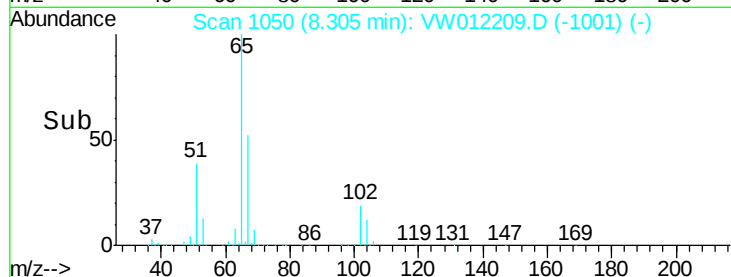
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012209.D

Acq: 27 Aug 2019 13:41

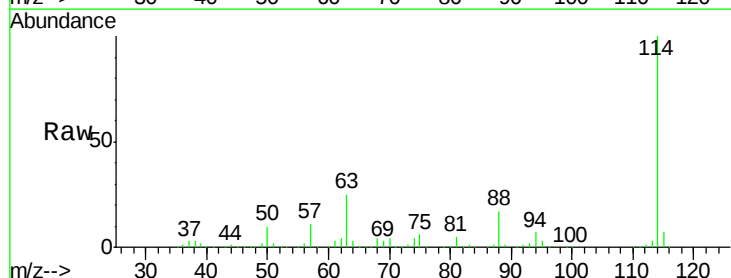
Tgt Ion: 114 Resp: 420719

Ion Ratio Lower Upper

114 100

63 24.8 0.0 48.6

88 16.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

250000

200000

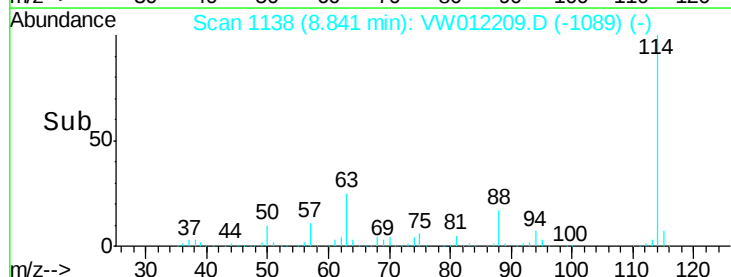
150000

100000

50000

0

Time-->

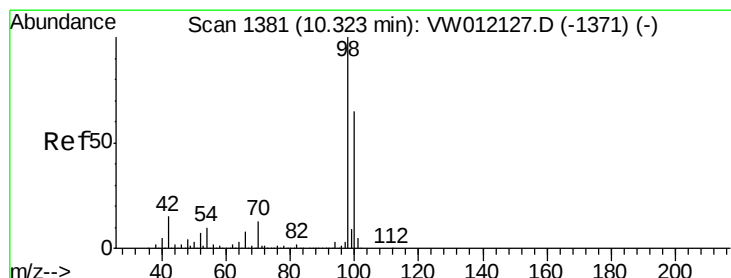
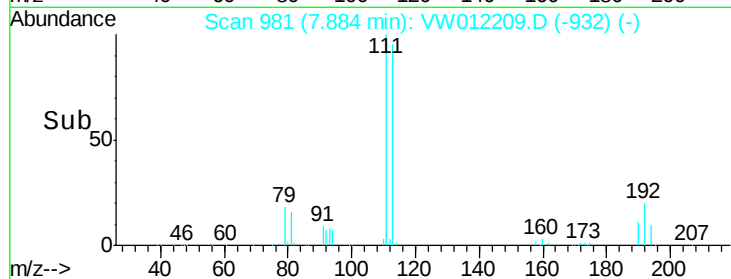
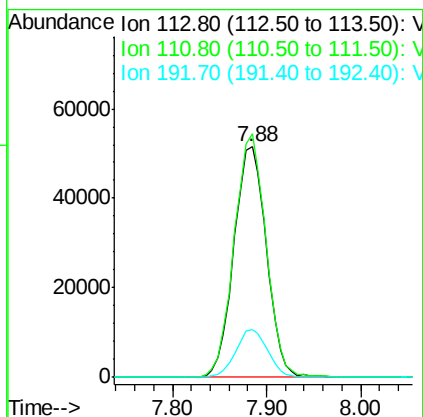
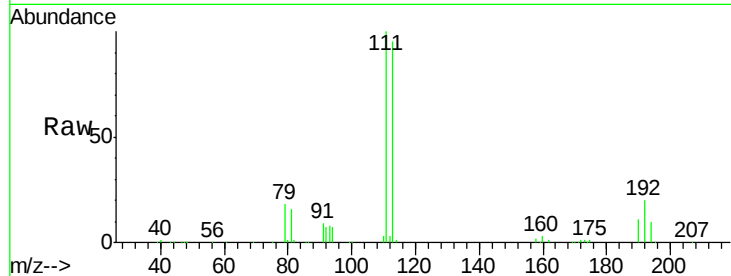




#35
 Dibromofluoromethane
 Concen: 49.374 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012209.D
 Acq: 27 Aug 2019 13:41

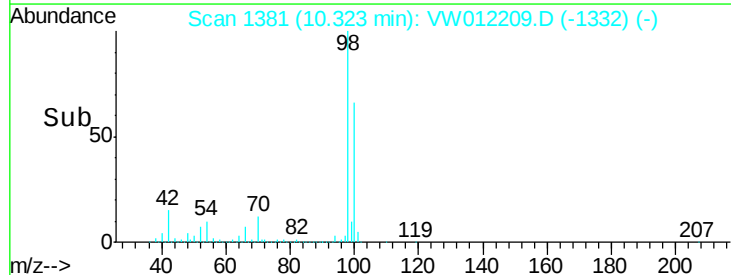
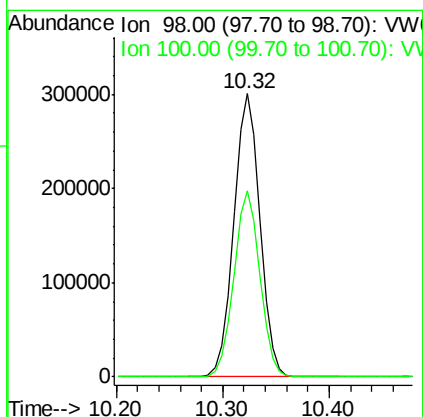
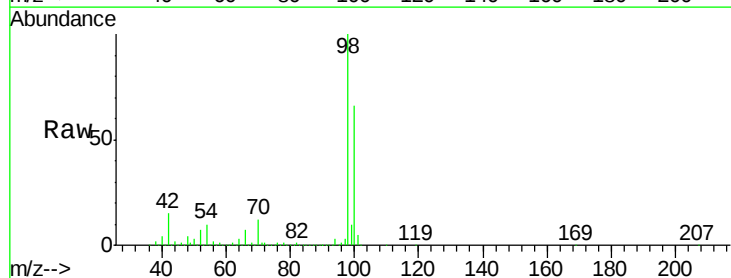
Instrument :
 MSVOA_W
 ClientSampled :
 PX-08

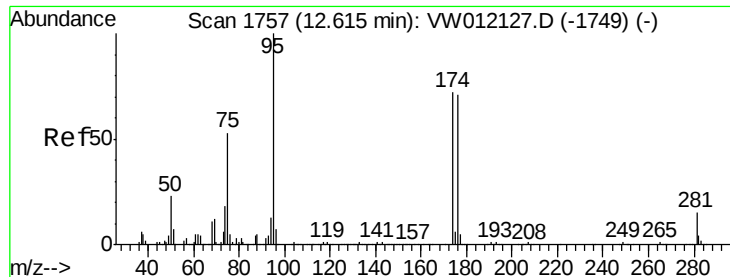
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.4	16.2	24.2



#50
 Toluene-d8
 Concen: 50.864 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012209.D
 Acq: 27 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 47.689 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012209.D

Acq: 27 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

PX-08

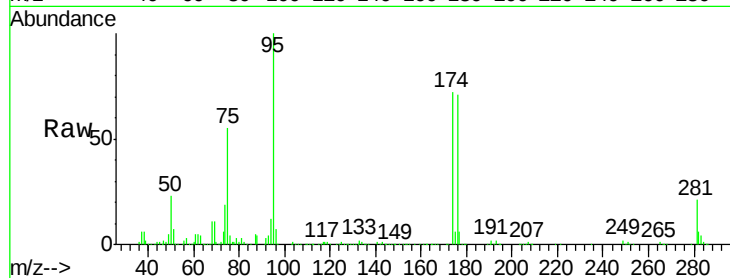
Tot Ion: 95 Resp: 171173

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.8

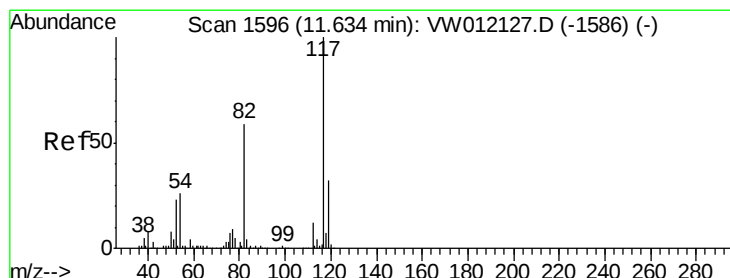
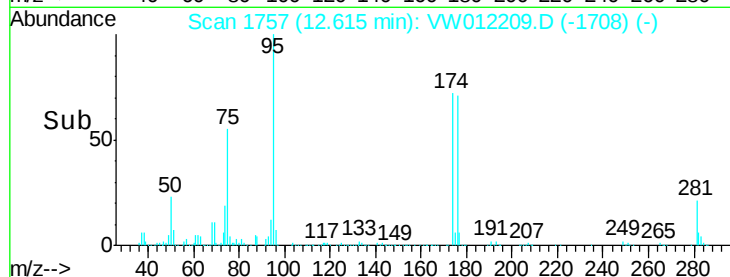
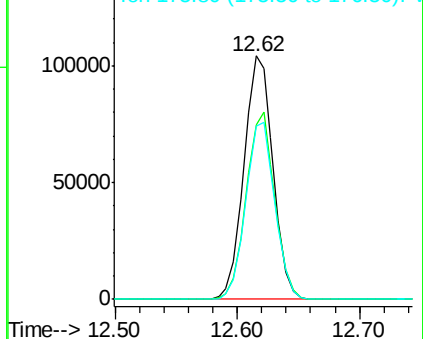
176 73.4 0.0 148.6



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# 1596

Delta R.T. -0.00 min

Lab File: VW012209.D

Acq: 27 Aug 2019 13:41

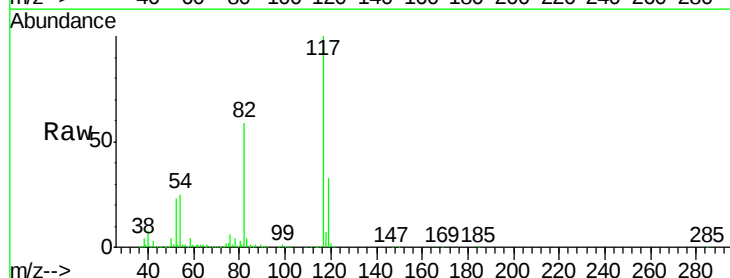
Tgt Ion: 117 Resp: 353026

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.2

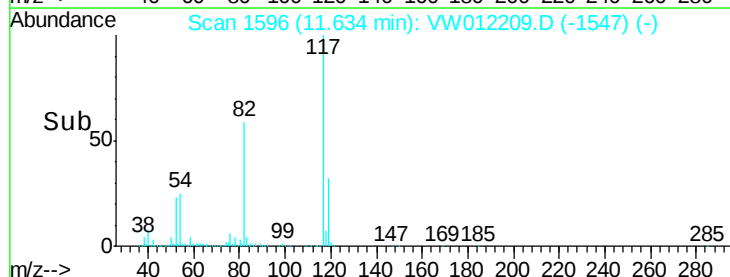
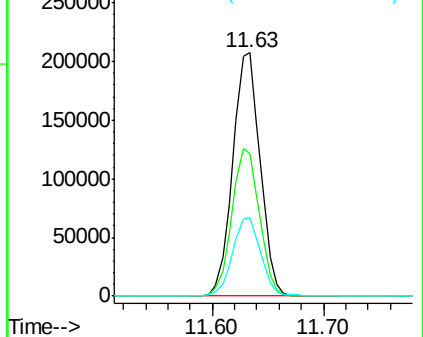
119 32.3 25.4 38.2

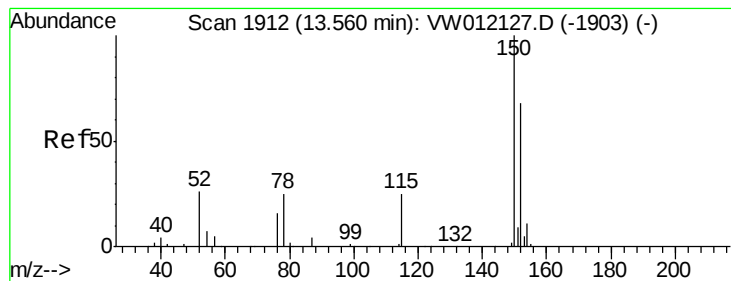


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012209.D

Acq: 27 Aug 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

PX-08

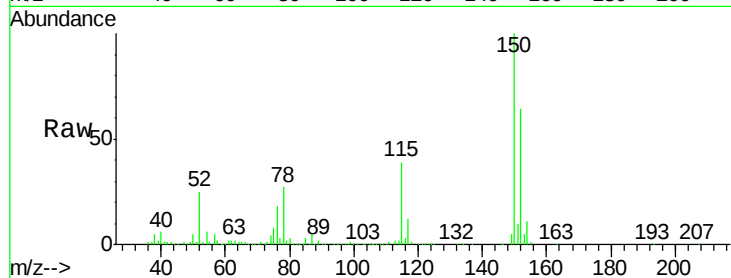
Tot Ion:152 Resp: 151282

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 155.4 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

