

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012867.D
 Acq On : 10 Sep 2019 13:50
 Operator : SY/VA
 Sample : K4623-19
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-E2-(0)

Quant Time: Sep 10 17:51:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

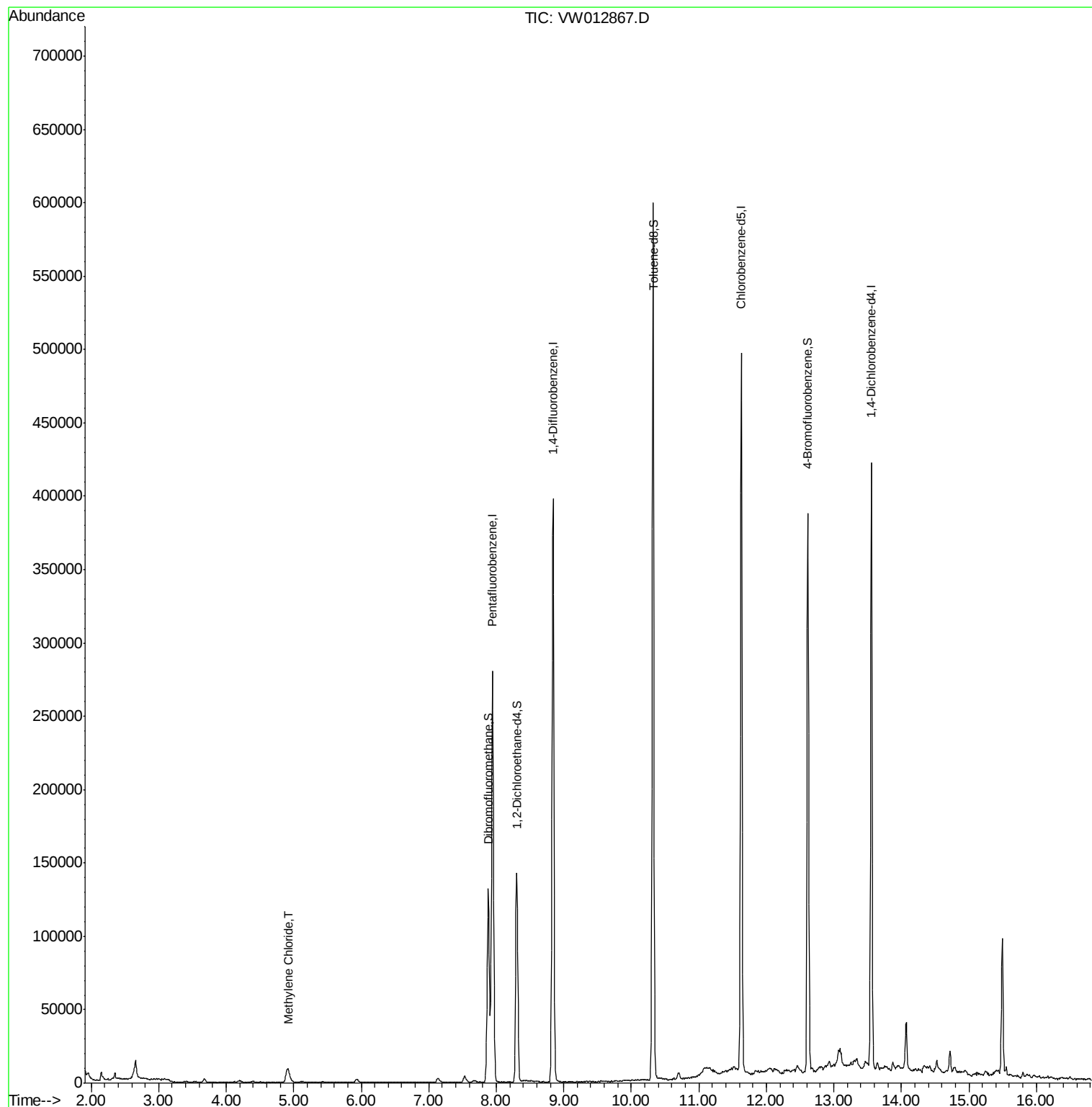
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	108834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	114938	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.88	113	95739	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	10.32	98	387380	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	122492	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
20) Methylene Chloride	4.91	84	7411	3.595	ug/l #	93

(#) = 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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ClientSampleId :

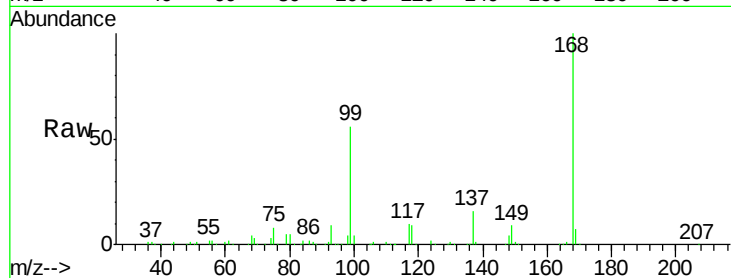
PAR-11-E2-(0)

Tot Ion:168 Resp: 216319

Ion Ratio Lower Upper

168 100

99 56.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

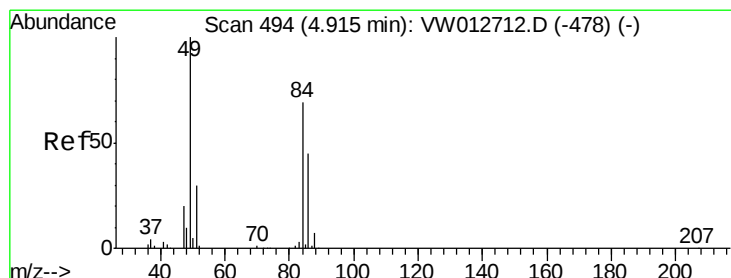
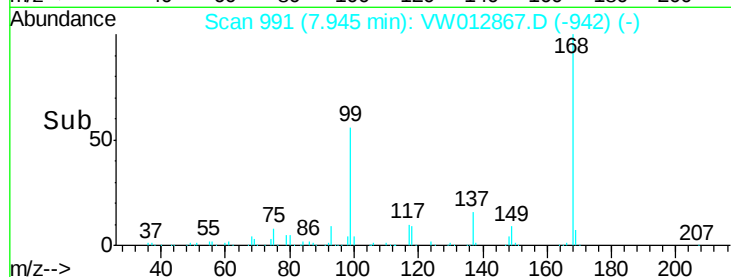
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 3.595 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012867.D

Acq: 10 Sep 2019 13:50

Tgt Ion: 84 Resp: 7411

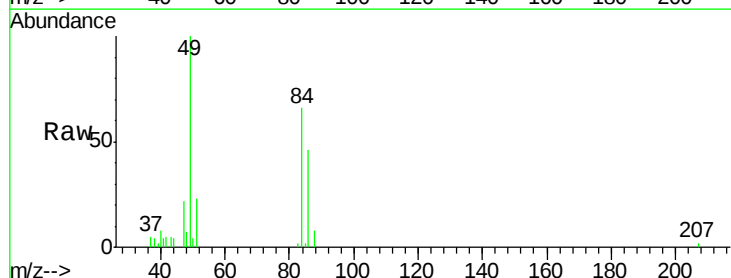
Ion Ratio Lower Upper

84 100

49 151.6 115.4 173.0

51 34.3 34.9 52.3#

86 69.8 52.2 78.4



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

4000

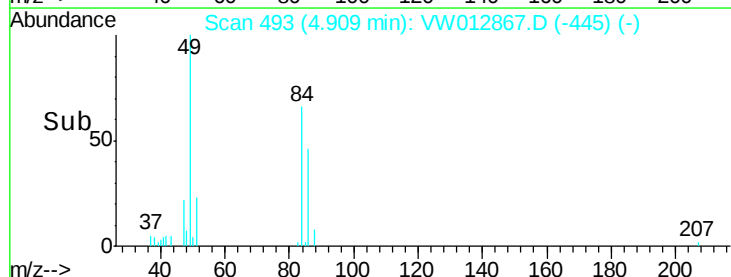
3000

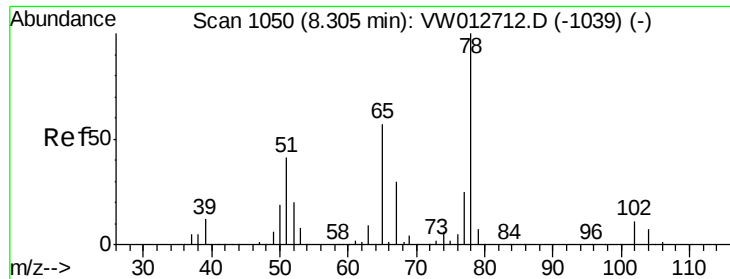
2000

1000

0

Time--> 4.80 4.90 5.00

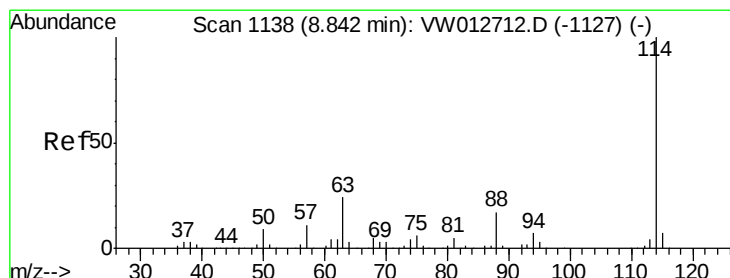
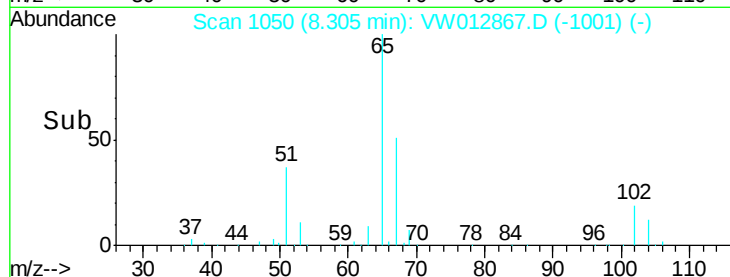
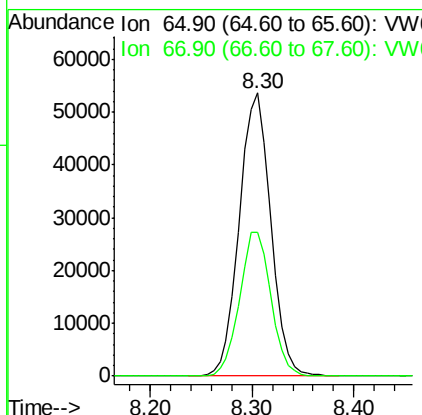
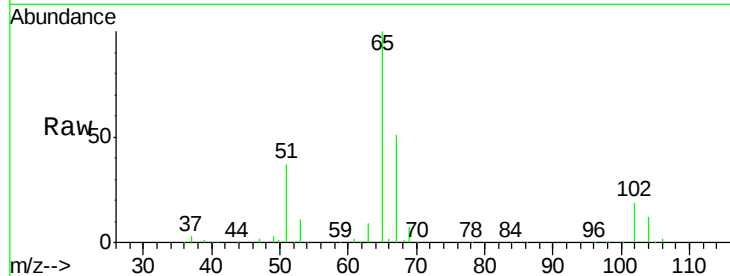




#33
 1,2-Dichloroethane-d4
 Concen: 47.554 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012867.D
 Acq: 10 Sep 2019 13:50

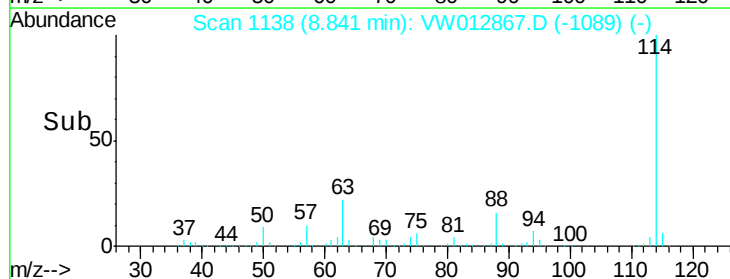
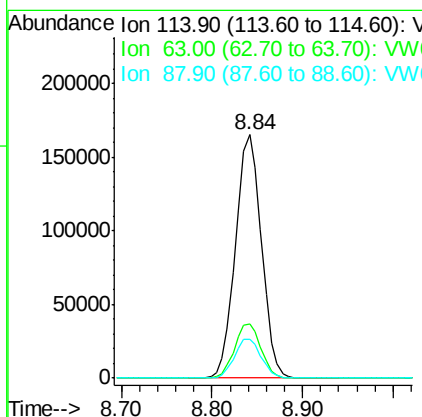
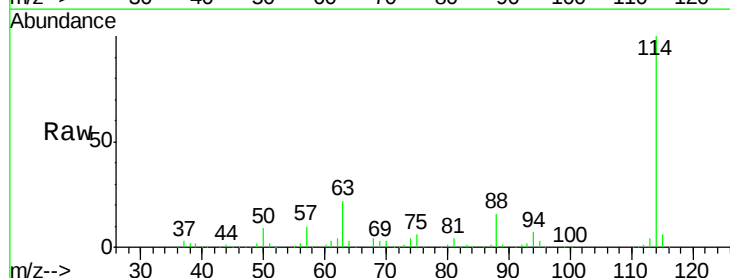
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-E2-(0)

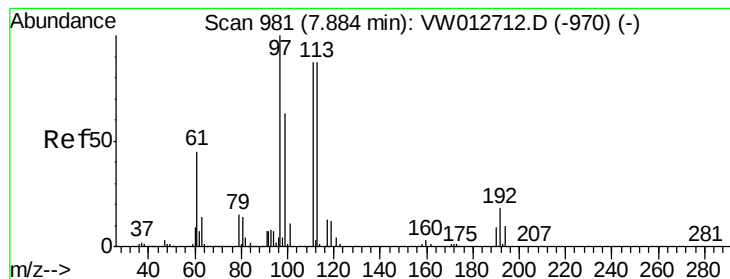
Tot Ion: 65 Resp: 114938
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012867.D
 Acq: 10 Sep 2019 13:50

Tgt Ion: 114 Resp: 327750
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.2
 88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.133 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012867.D

Acq: 10 Sep 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-E2-(0)

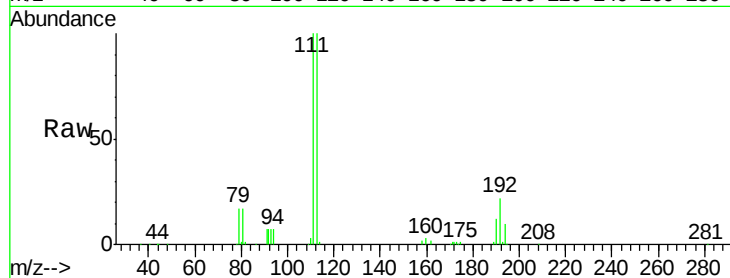
Tot Ion:113 Resp: 95739

Ion Ratio Lower Upper

113 100

111 102.0 80.2 120.4

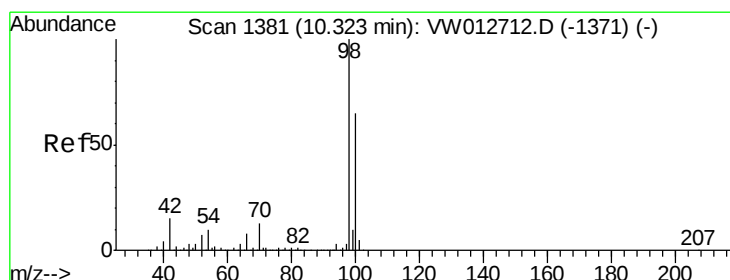
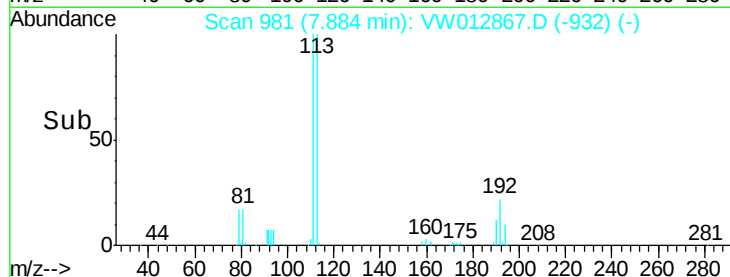
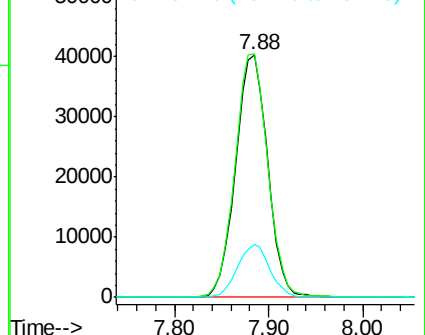
192 21.9 17.3 25.9



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: 50.744 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012867.D

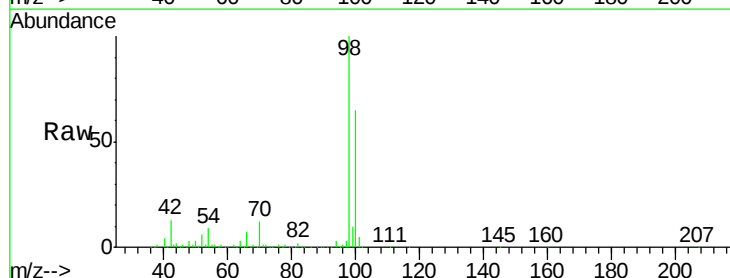
Acq: 10 Sep 2019 13:50

Tgt Ion: 98 Resp: 387380

Ion Ratio Lower Upper

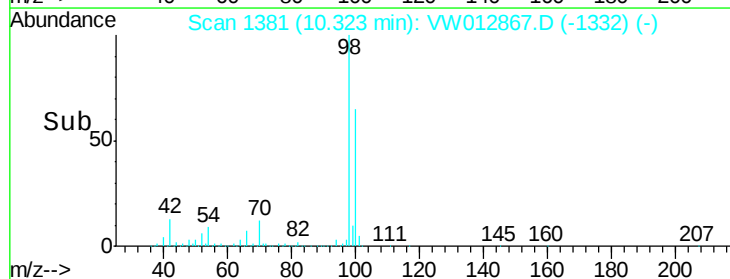
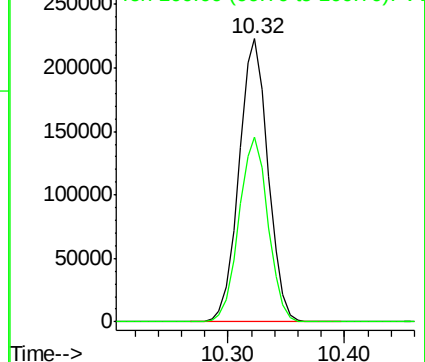
98 100

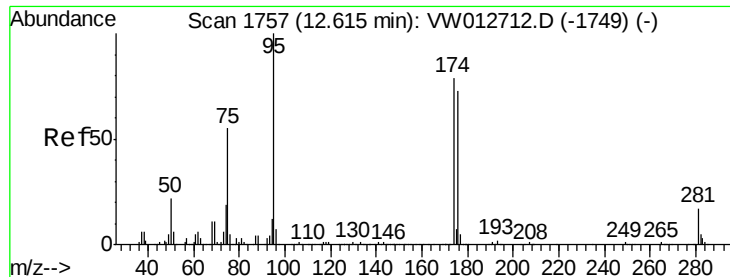
100 65.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.199 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012867.D

Acq: 10 Sep 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-E2-(0)

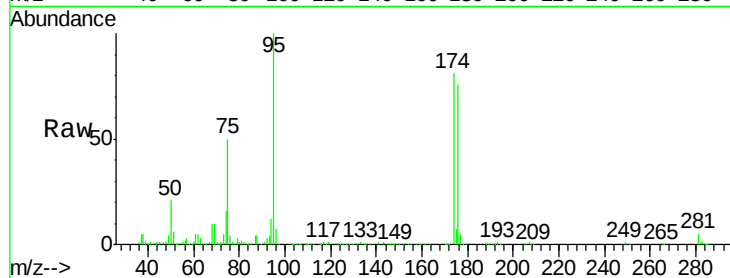
Tot Ion: 95 Resp: 122492

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.0

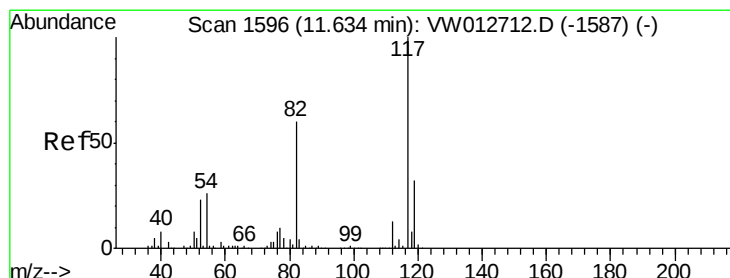
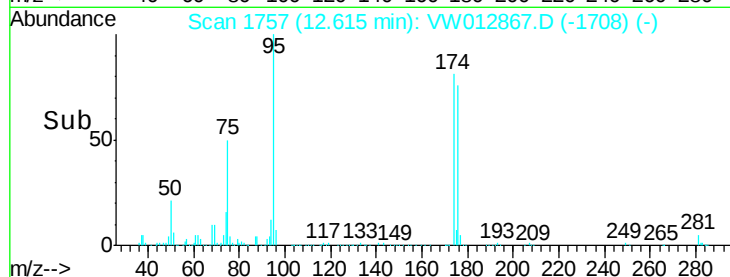
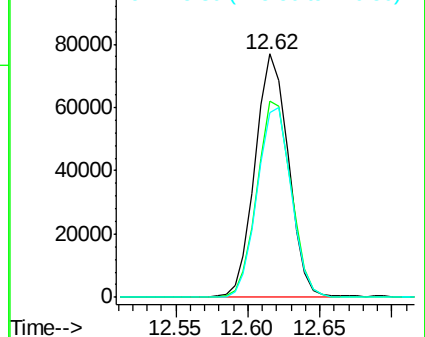
176 79.8 0.0 156.4



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: VW012867.D

Acq: 10 Sep 2019 13:50

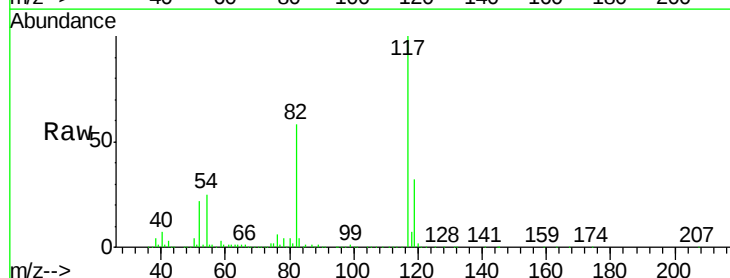
Tgt Ion: 117 Resp: 270117

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.4

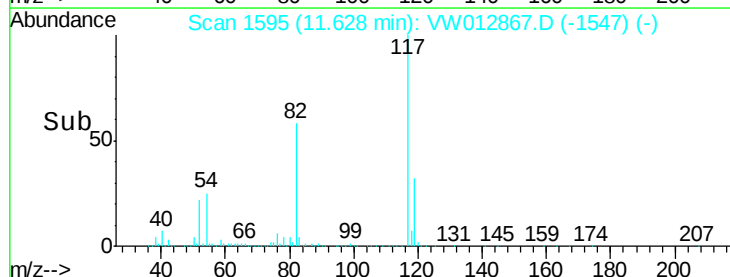
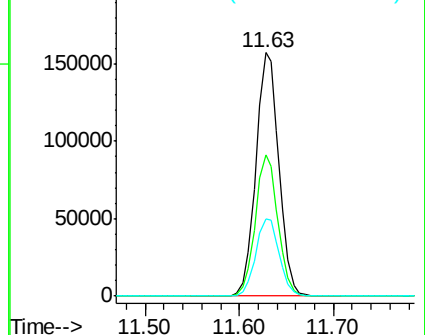
119 31.9 25.8 38.6

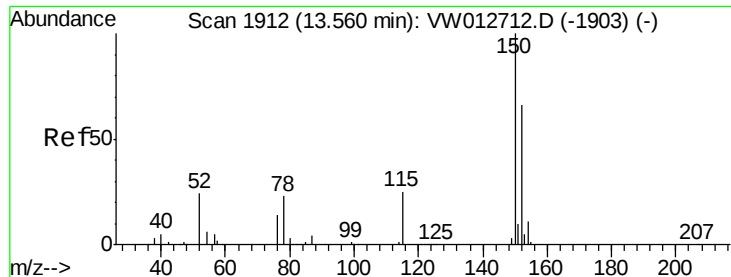


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012867.D

Acq: 10 Sep 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-E2-(0)

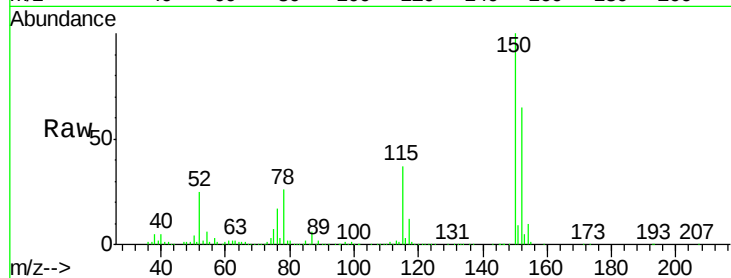
Tot Ion:152 Resp: 108834

Ion Ratio Lower Upper

152 100

115 56.5 30.0 90.1

150 156.0 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

