

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013354.D
 Acq On : 01 Oct 2019 02:06
 Operator : SY/VA
 Sample : K4946-05
 Misc : 7.77G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-2 (10-12)

Quant Time: Oct 01 06:39:43 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	375283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	566695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202587	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162213	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	7.88	113	159316	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.32	98	658981	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	199803	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

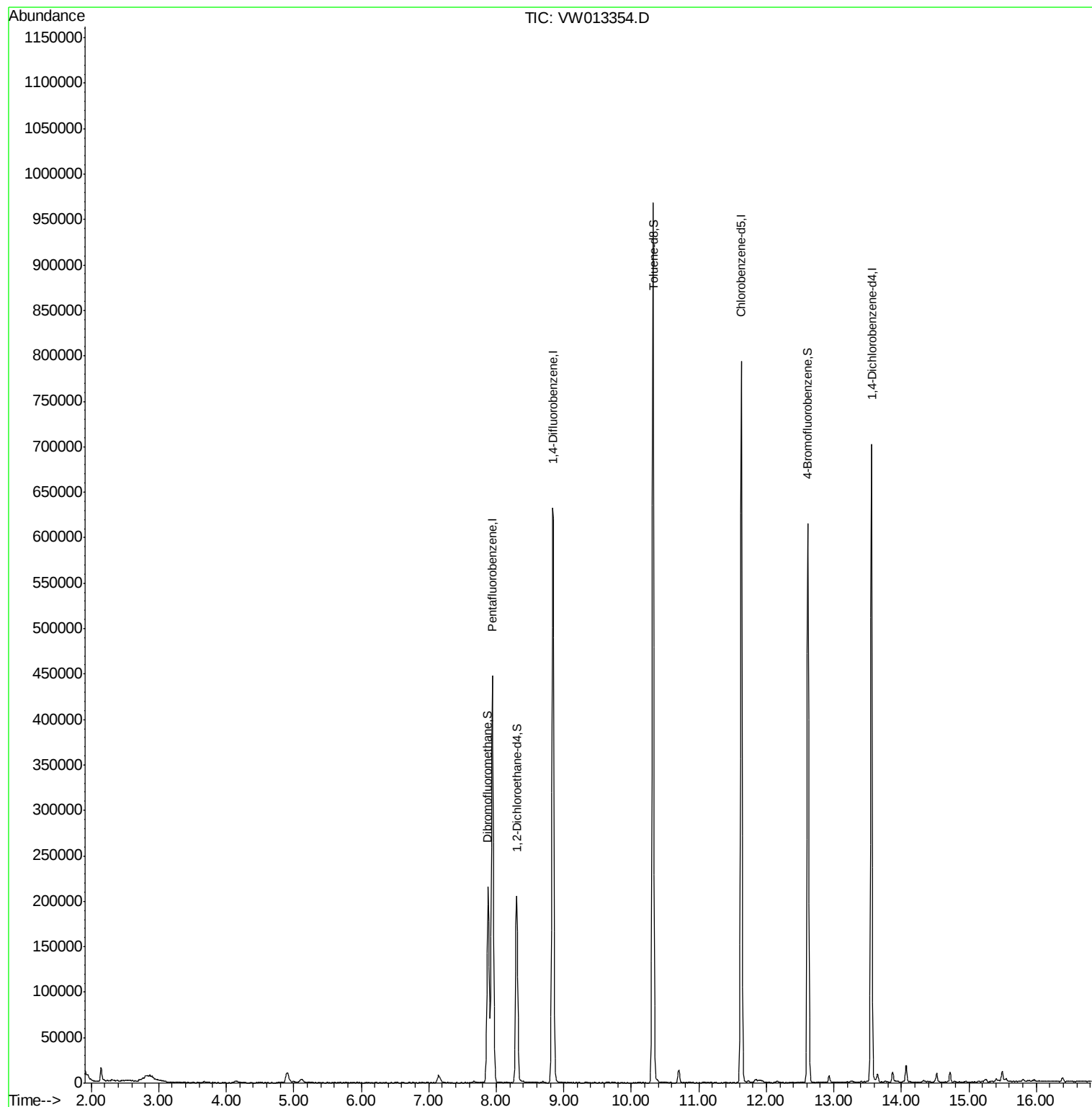
Target Compounds	Qvalue

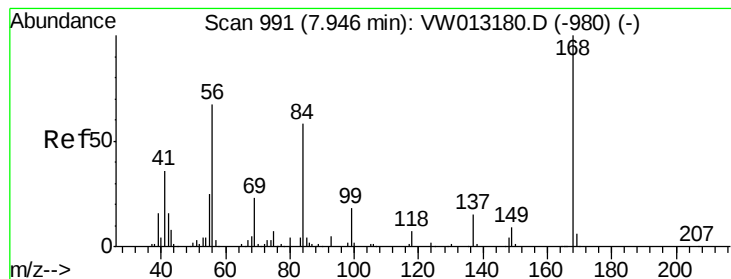
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013354.D

Acq: 01 Oct 2019 02:06

Instrument :

MSVOA_W

ClientSampleId :

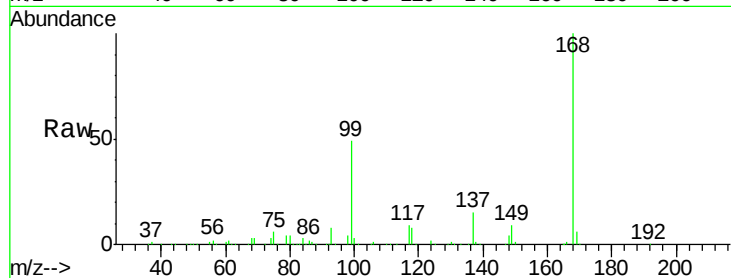
GP-2 (10-12)

Tot Ion:168 Resp: 375283

Ion Ratio Lower Upper

168 100

99 48.7 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

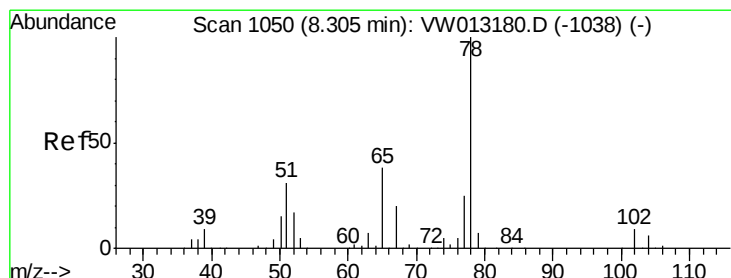
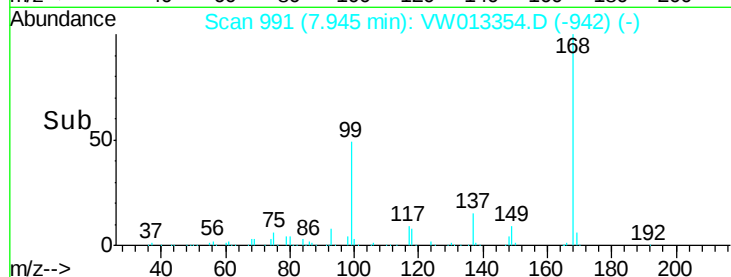
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.961 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013354.D

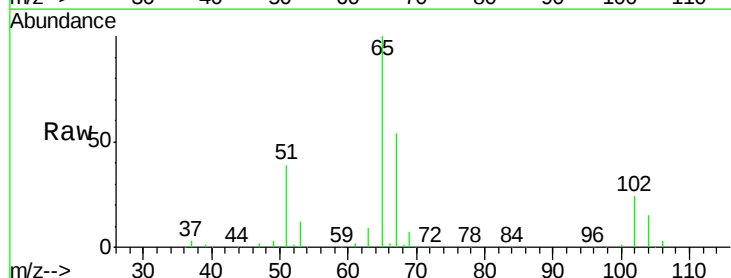
Acq: 01 Oct 2019 02:06

Tgt Ion: 65 Resp: 162213

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

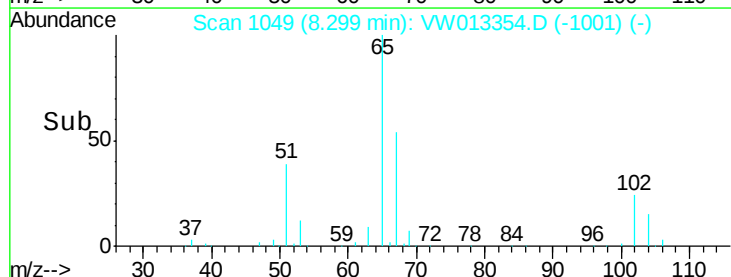
60000

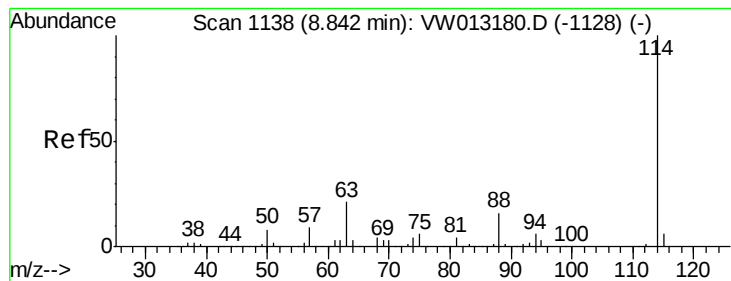
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013354.D

Acq: 01 Oct 2019 02:06

Instrument :

MSVOA_W

ClientSampleId :

GP-2 (10-12)

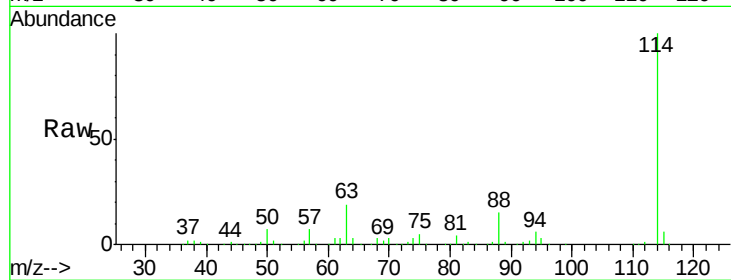
Tot Ion:114 Resp: 566695

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

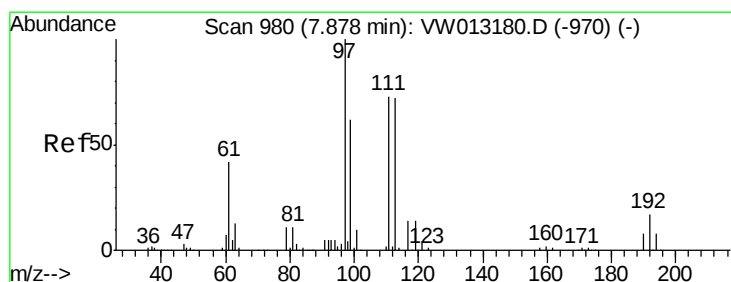
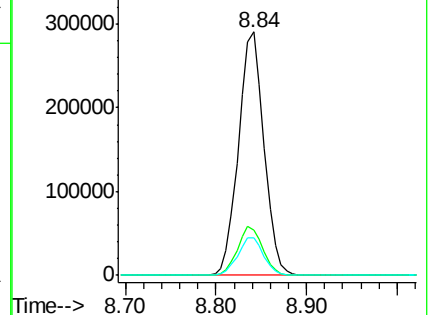
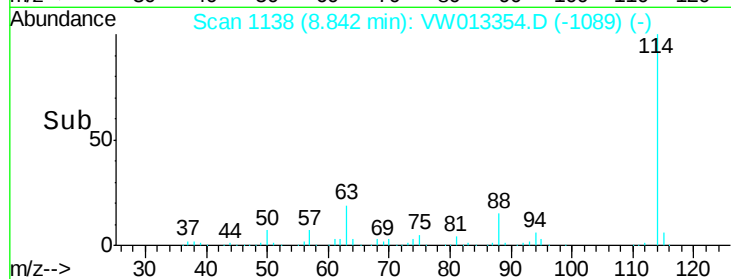
88 15.2 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 51.115 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013354.D

Acq: 01 Oct 2019 02:06

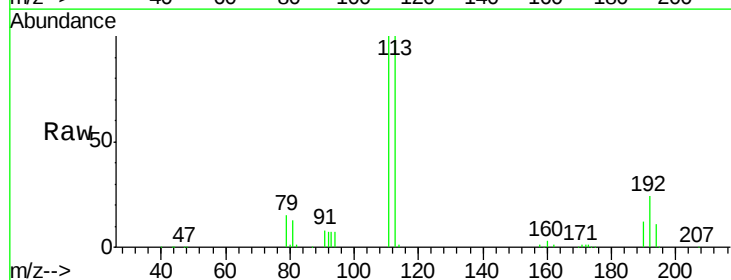
Tgt Ion:113 Resp: 159316

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

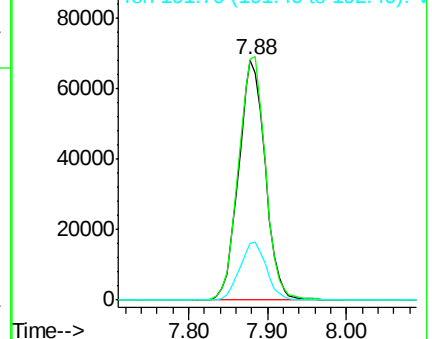
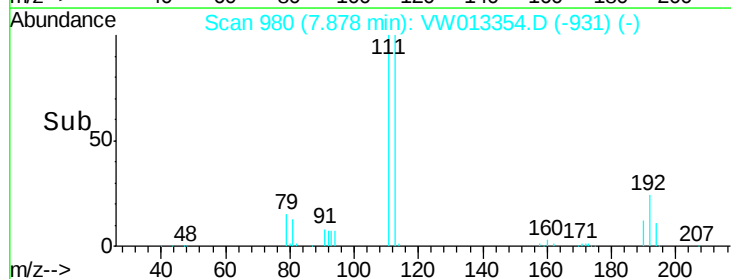
192 24.2 19.1 28.7

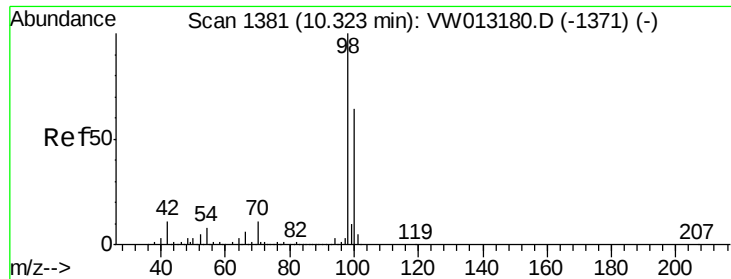


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.519 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013354.D

Acq: 01 Oct 2019 02:06

Instrument :

MSVOA_W

ClientSampleId :

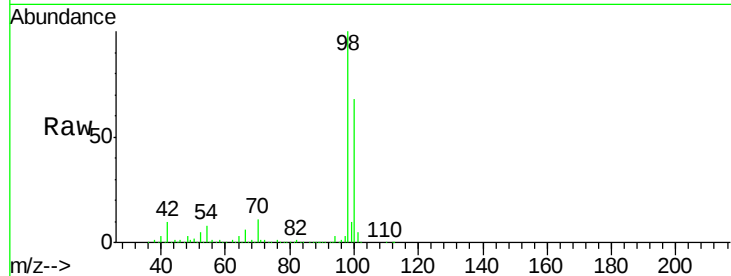
GP-2 (10-12)

Tot Ion: 98 Resp: 658981

Ion Ratio Lower Upper

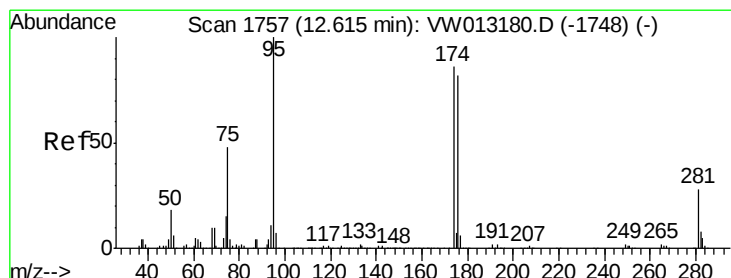
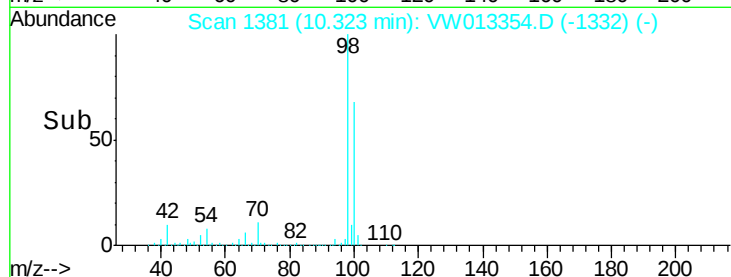
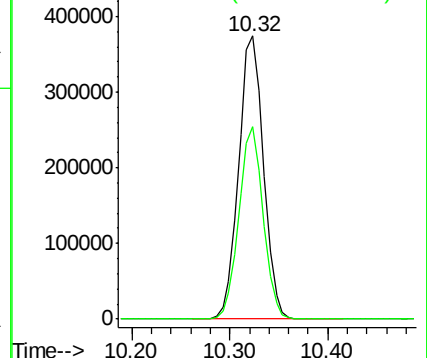
98 100

100 66.4 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: 44.841 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013354.D

Acq: 01 Oct 2019 02:06

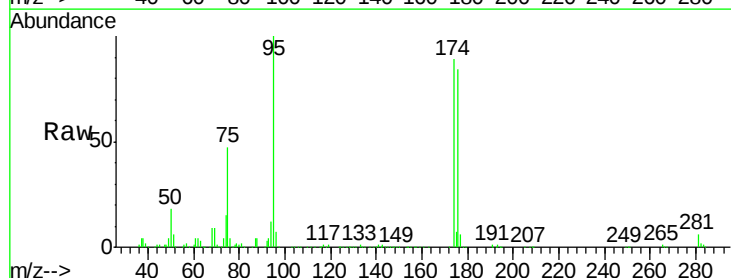
Tgt Ion: 95 Resp: 199803

Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.4

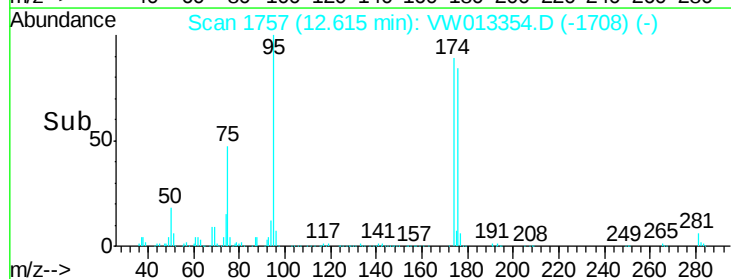
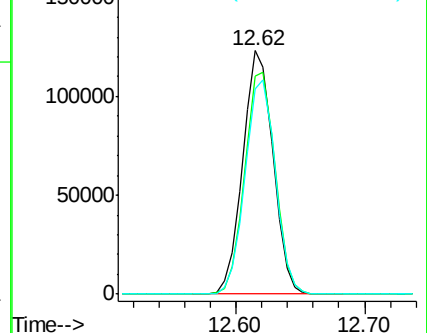
176 88.2 0.0 172.2

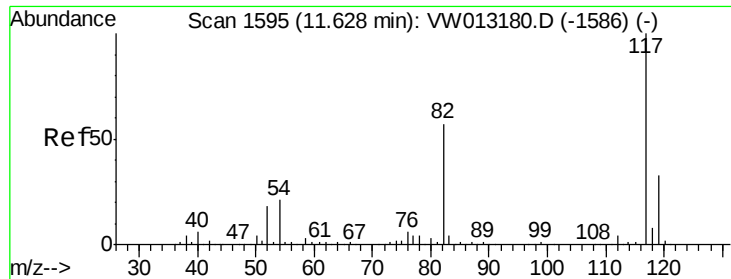


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

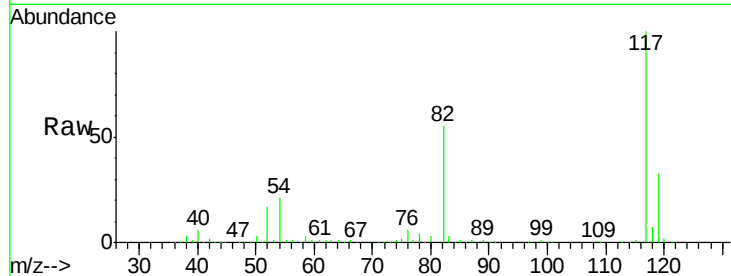




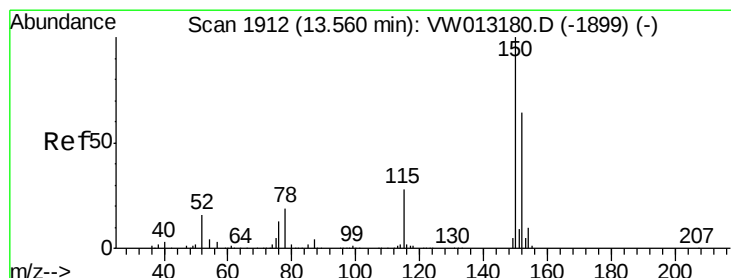
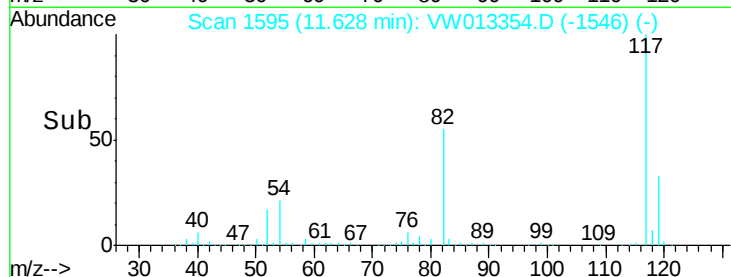
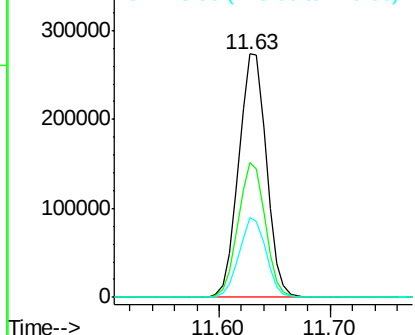
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013354.D
Acq: 01 Oct 2019 02:06

Instrument :
MSVOA_W
ClientSampleId :
GP-2 (10-12)

Tot Ion:117 Resp: 471774
Ion Ratio Lower Upper
117 100
82 55.2 45.9 68.9
119 32.8 26.2 39.2

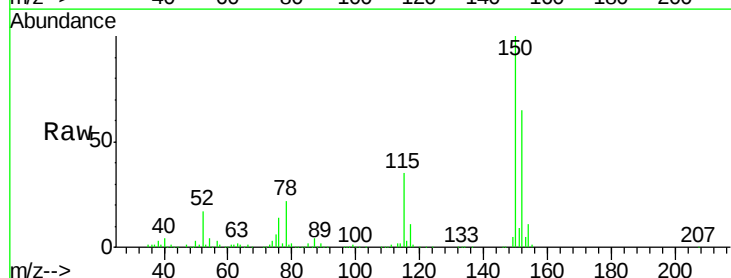


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013354.D
Acq: 01 Oct 2019 02:06

Tgt Ion:152 Resp: 202587
Ion Ratio Lower Upper
152 100
115 55.4 27.3 81.9
150 155.0 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

