

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011449.D
 Acq On : 23 Jul 2019 23:34
 Operator : SY/VA
 Sample : K3868-07
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Jul 24 07:17:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143976	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164629	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	7.88	113	127524	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.32	98	516297	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.62	95	167187	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

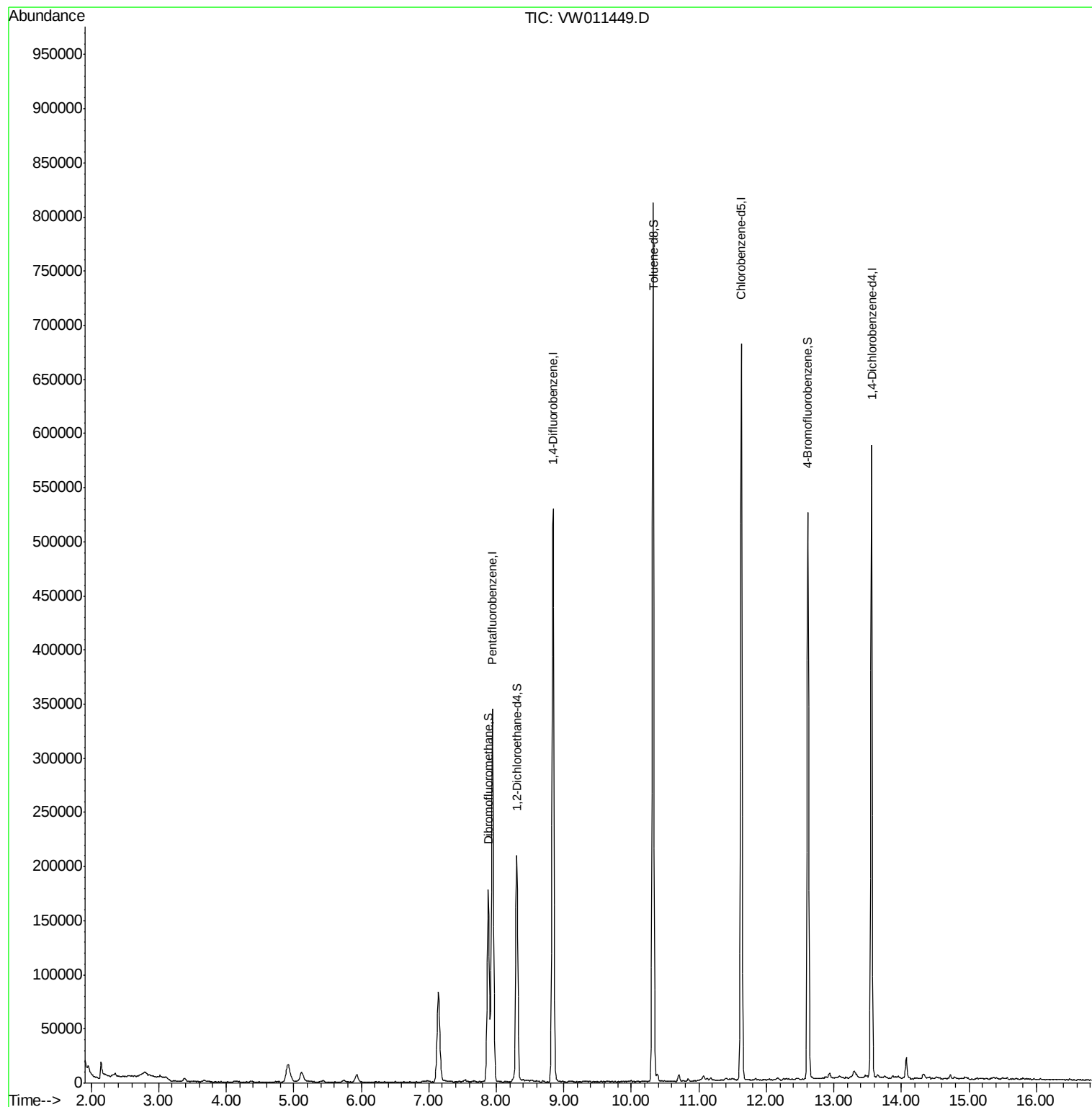
Target Compounds	Qvalue

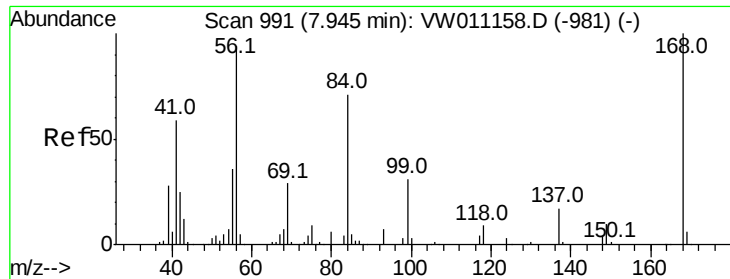
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011449.D

Acq: 23 Jul 2019 23:34

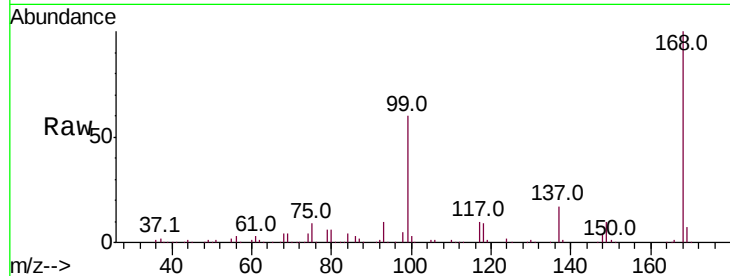
Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:168 Resp: 249792

Ion Ratio Lower Upper

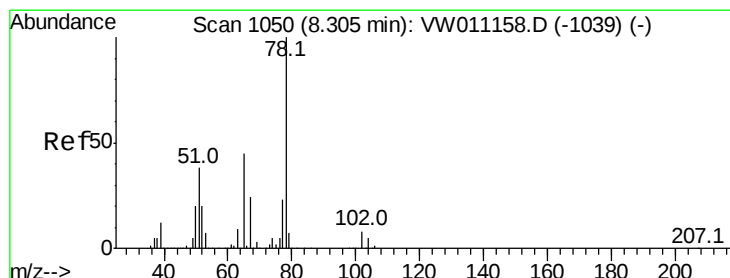
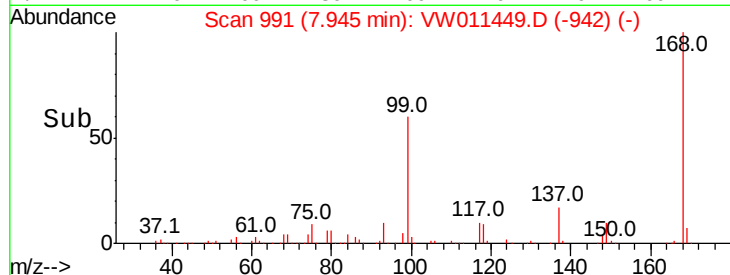
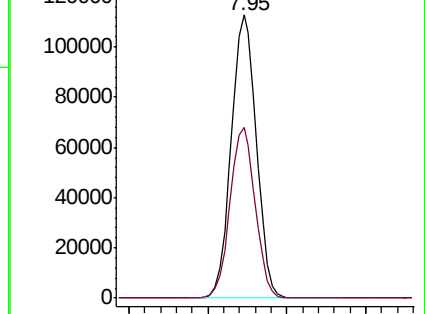
168 100

99 60.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.451 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011449.D

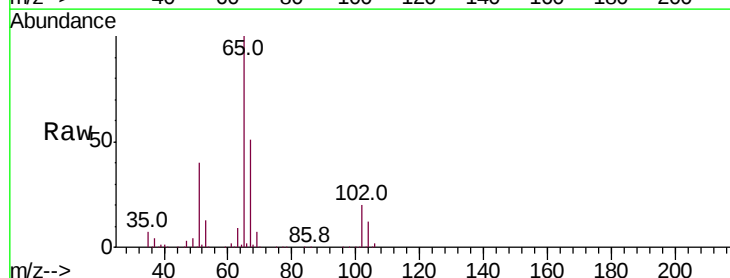
Acq: 23 Jul 2019 23:34

Tgt Ion: 65 Resp: 164629

Ion Ratio Lower Upper

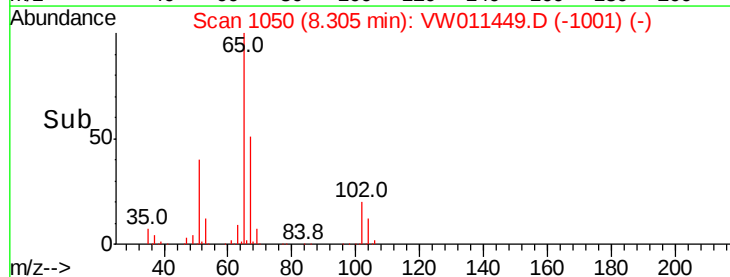
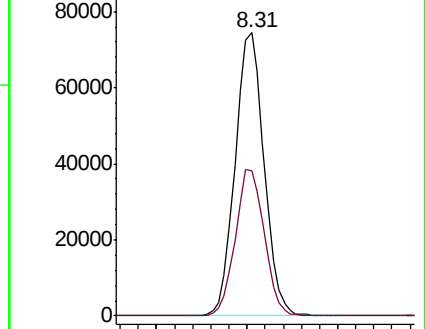
65 100

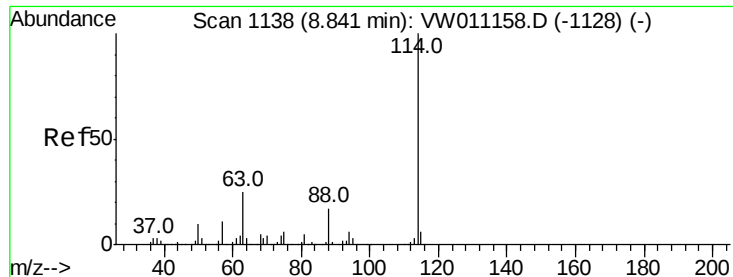
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

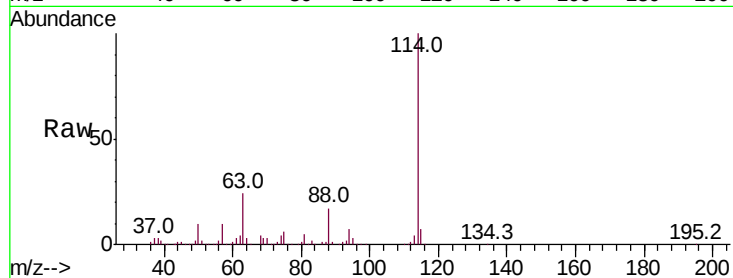




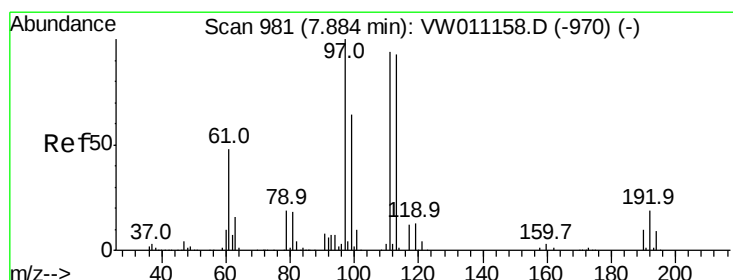
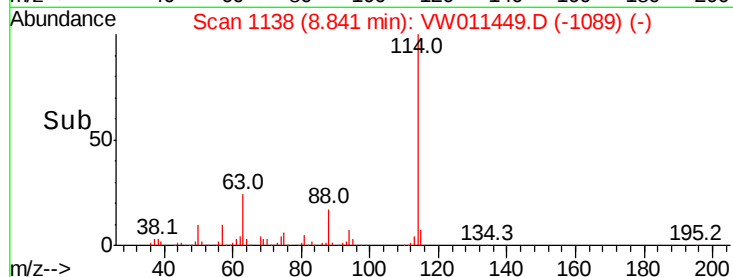
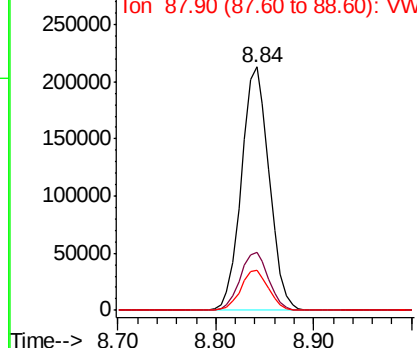
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011449.D
Acq: 23 Jul 2019 23:34

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:114 Resp: 418658
Ion Ratio Lower Upper
114 100
63 24.0 0.0 50.8
88 16.5 0.0 34.2

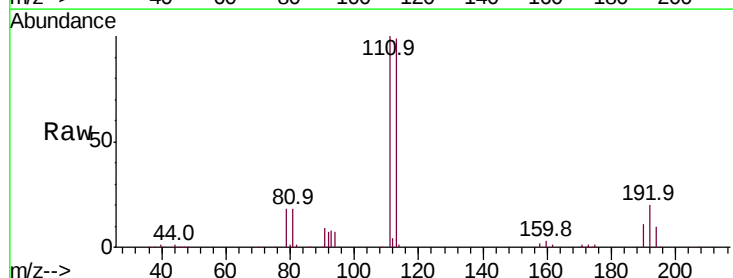


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

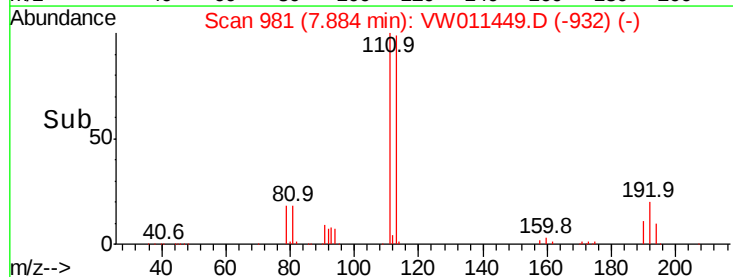
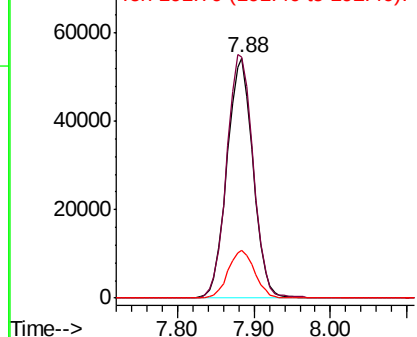


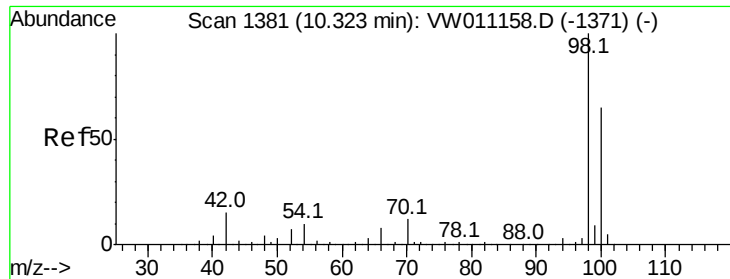
#35
Dibromofluoromethane
Concen: 51.104 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011449.D
Acq: 23 Jul 2019 23:34

Tgt Ion:113 Resp: 127524
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 20.2 15.8 23.8



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: 51.186 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011449.D

Acq: 23 Jul 2019 23:34

Instrument :

MSVOA_W

ClientSampleId :

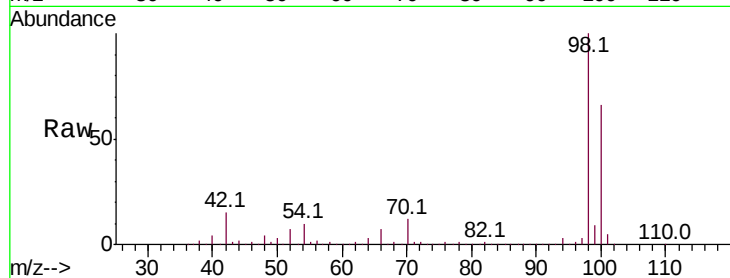
TP-2

Tot Ion: 98 Resp: 516297

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

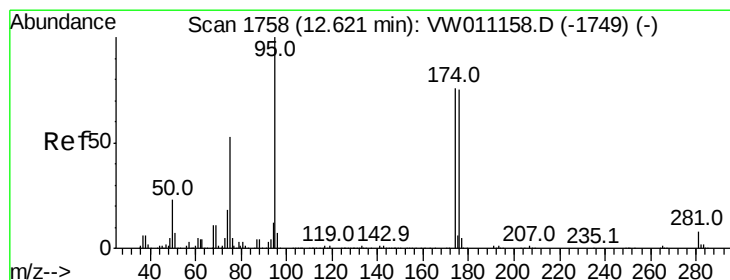
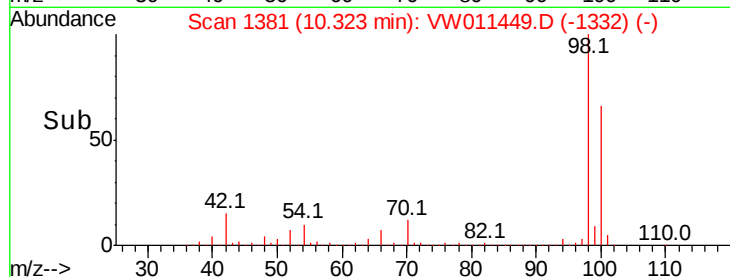
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 45.221 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011449.D

Acq: 23 Jul 2019 23:34

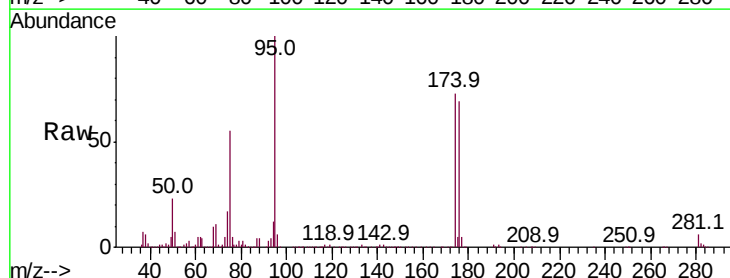
Tgt Ion: 95 Resp: 167187

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

176 72.4 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

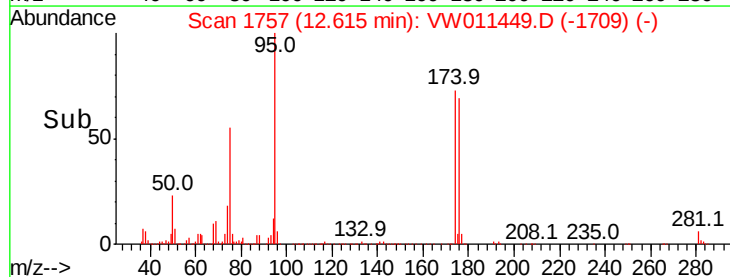
12.62

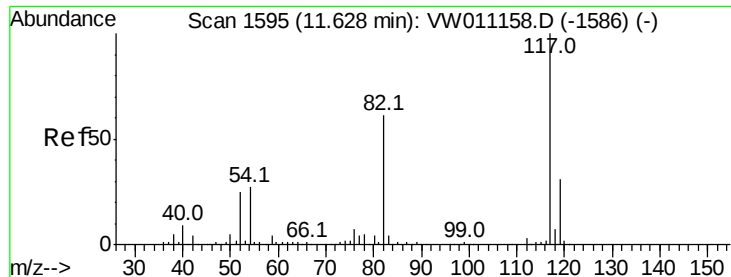
100000

50000

0

Time--> 12.60 12.70

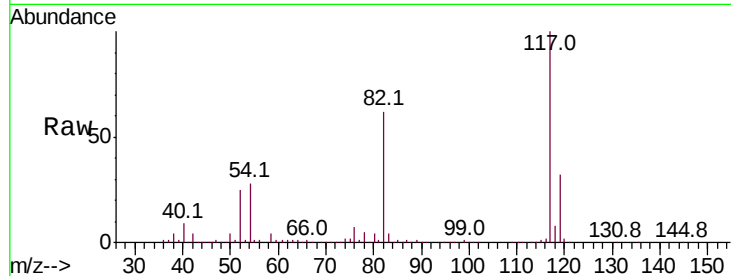




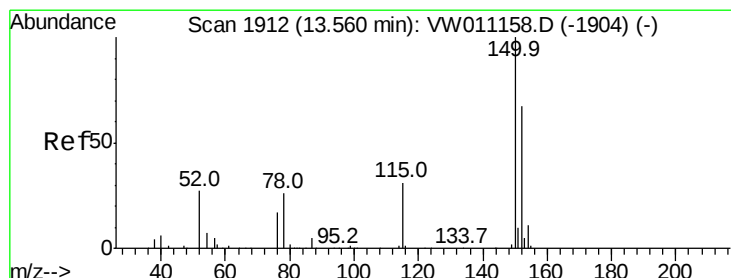
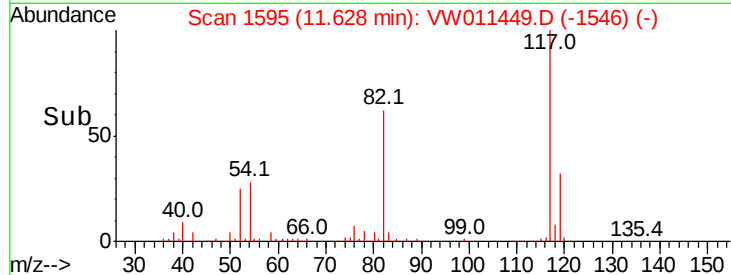
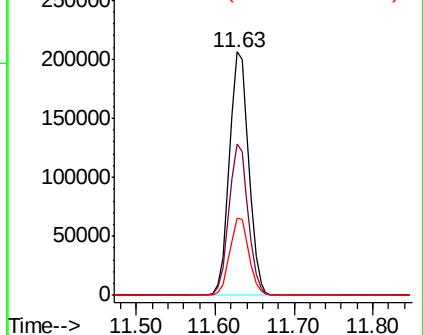
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011449.D
Acq: 23 Jul 2019 23:34

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:117 Resp: 352151
Ion Ratio Lower Upper
117 100
82 62.0 48.9 73.3
119 31.5 25.0 37.6

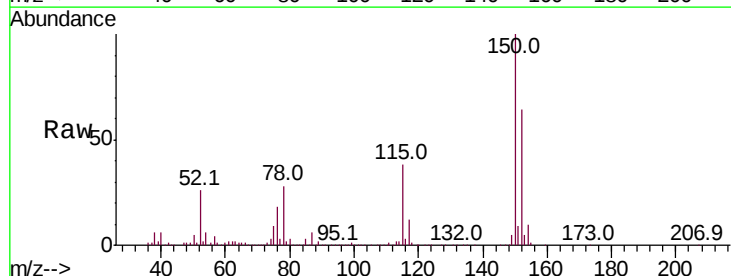


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011449.D
Acq: 23 Jul 2019 23:34

Tgt Ion:152 Resp: 143976
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 157.8 0.0 346.0



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

