

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011092.D
 Acq On : 01 Jul 2019 18:28
 Operator : SY/VA
 Sample : K3628-01
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-217-368

Quant Time: Jul 02 09:20:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130675	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.88	113	100881	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.32	98	412547	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.62	95	131383	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	

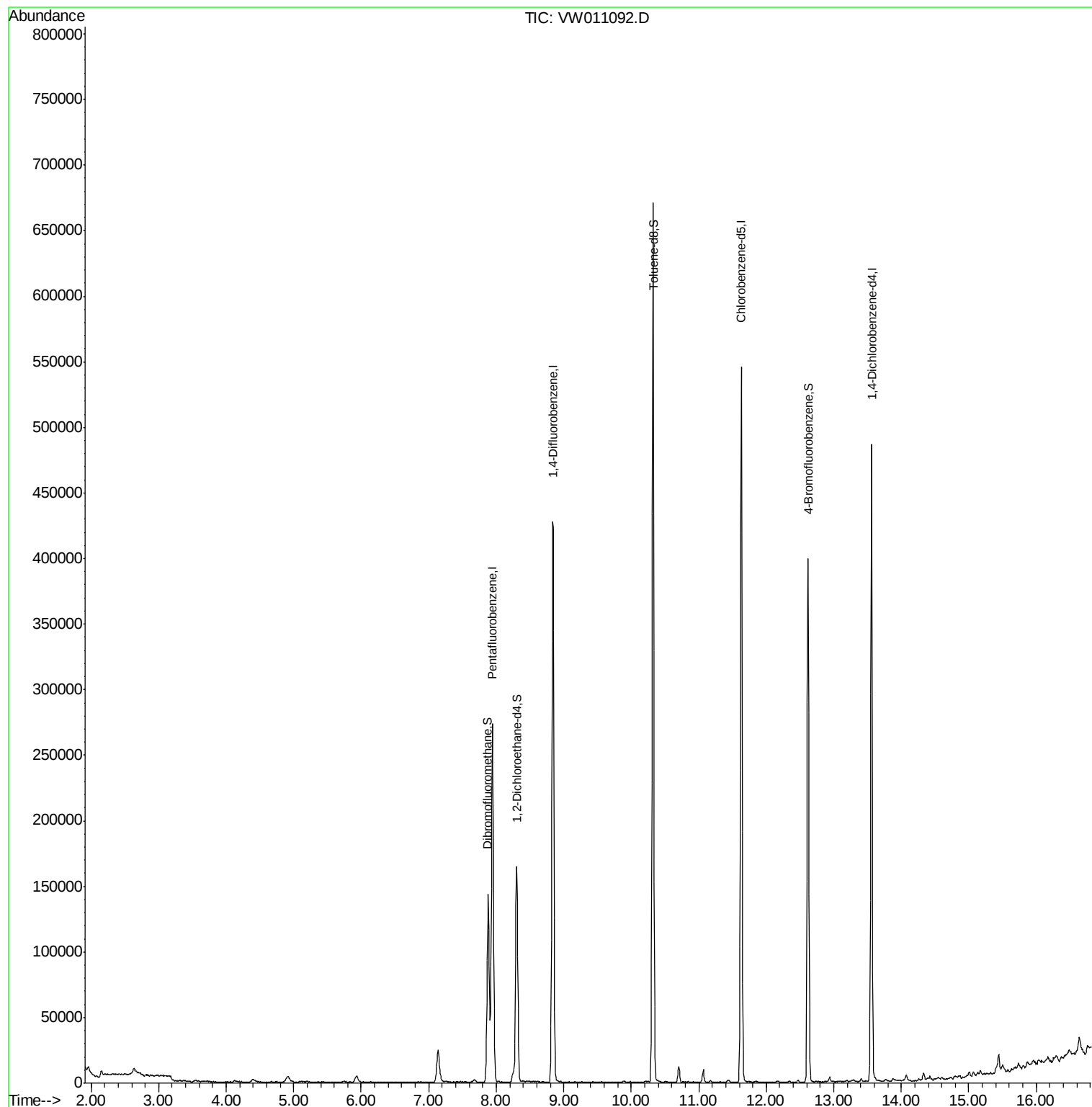
Target Compounds	Qvalue

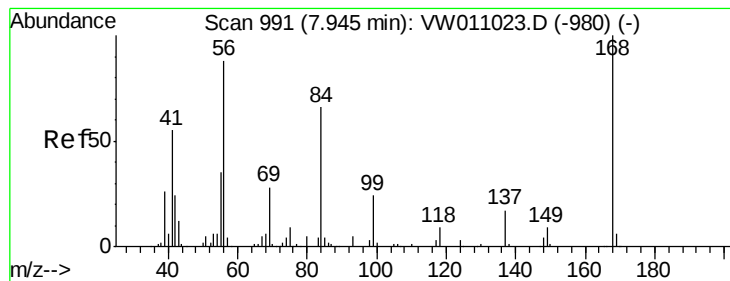
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011092.D

Acq: 01 Jul 2019 18:28

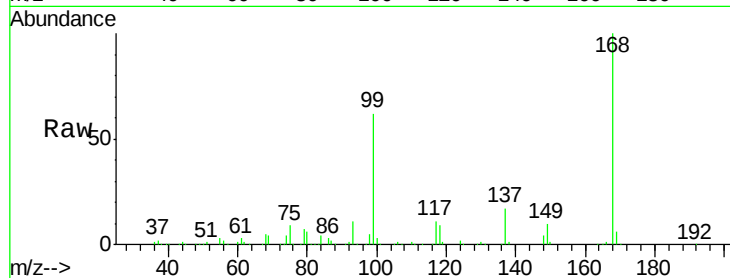
Instrument :
MSVOA_W
ClientSampleId :
VNJ-217-368

Tot Ion:168 Resp: 194821

Ion Ratio Lower Upper

168 100

99 62.3 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

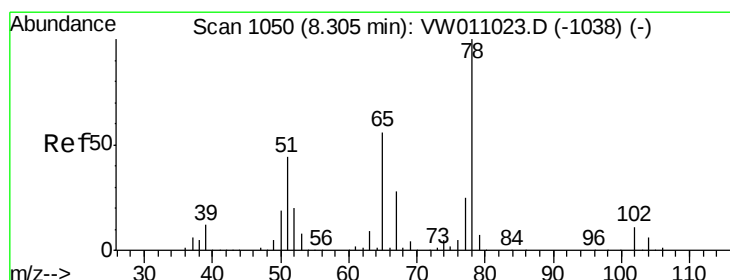
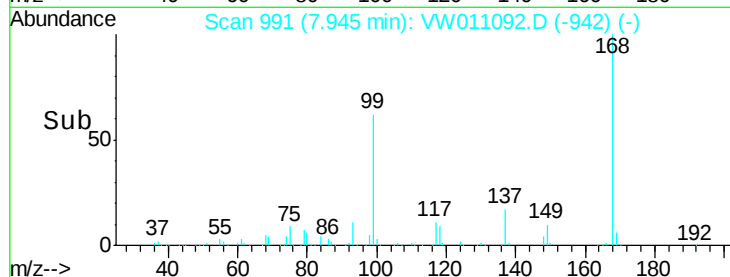
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.309 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011092.D

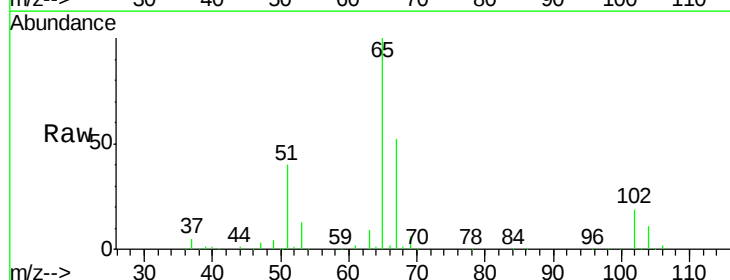
Acq: 01 Jul 2019 18:28

Tgt Ion: 65 Resp: 130675

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

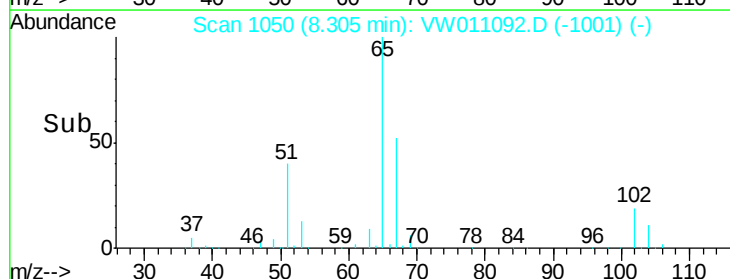
60000

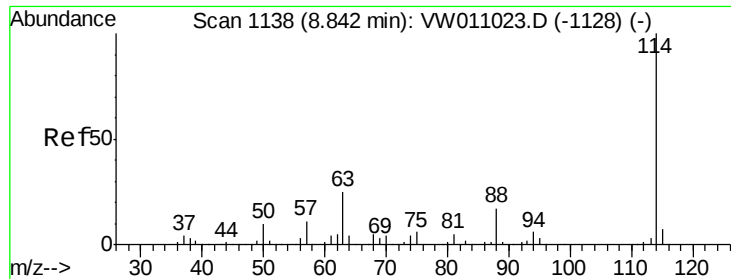
40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40

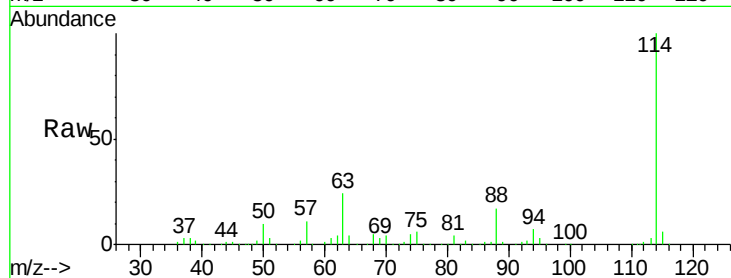




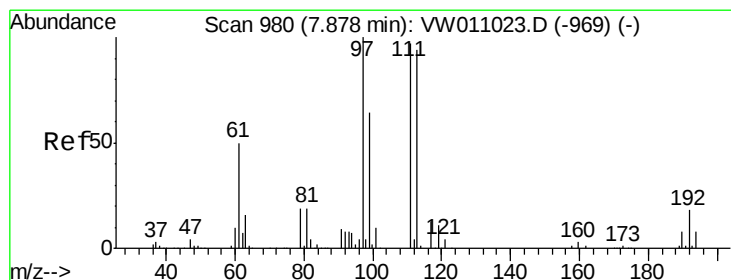
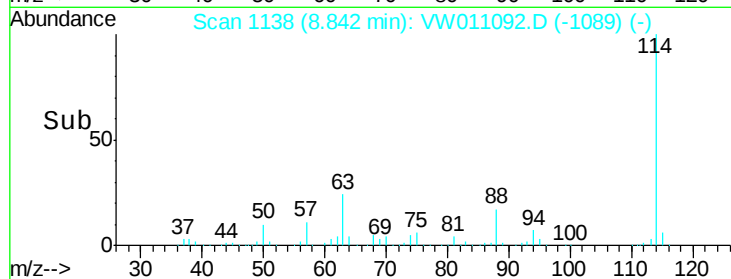
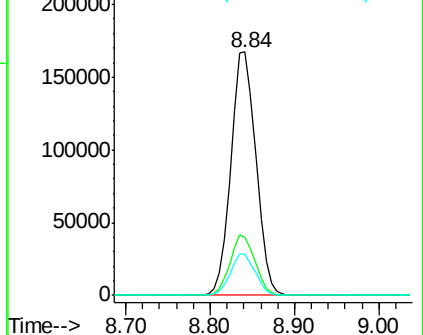
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011092.D
 Acq: 01 Jul 2019 18:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-217-368

Tot Ion:114 Resp: 337092
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.6
 88 17.1 0.0 34.0

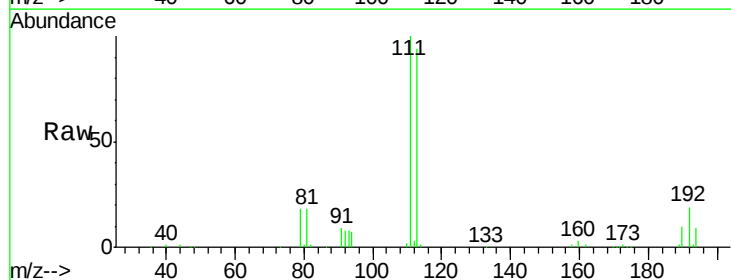


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

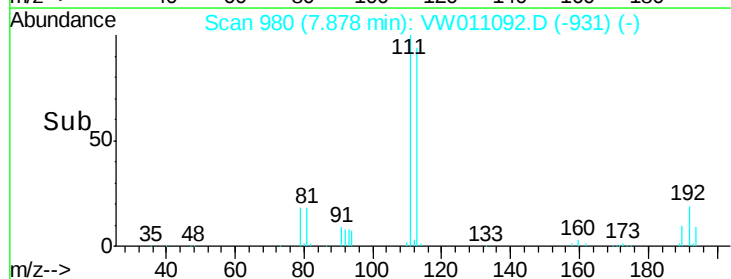
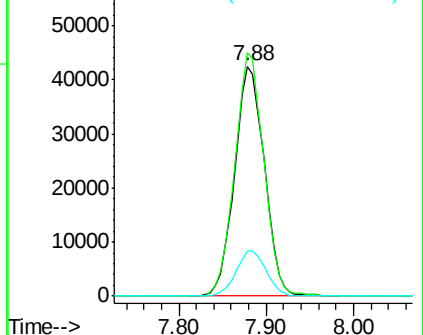


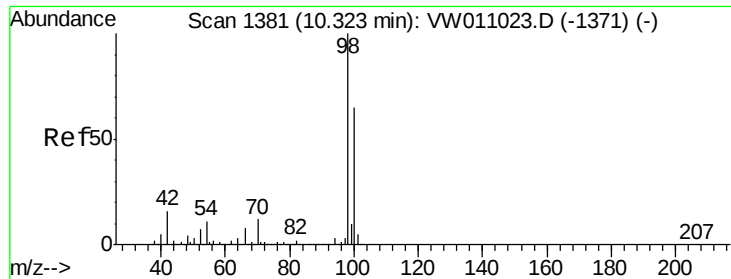
#35
 Dibromofluoromethane
 Concen: 49.009 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011092.D
 Acq: 01 Jul 2019 18:28

Tgt Ion:113 Resp: 100881
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.8 125.6
 192 20.0 16.0 24.0



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: 48.690 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011092.D

Acq: 01 Jul 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

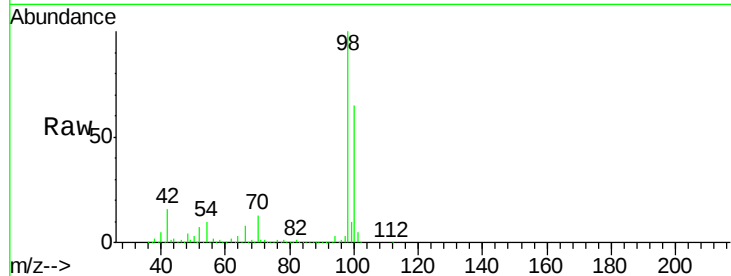
VNJ-217-368

Tot Ion: 98 Resp: 412547

Ion Ratio Lower Upper

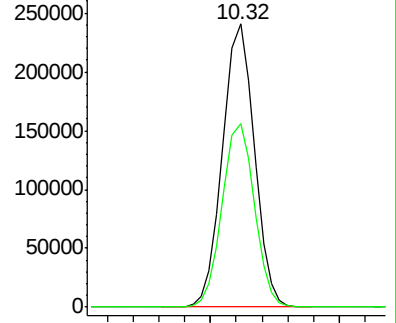
98 100

100 65.7 52.3 78.5

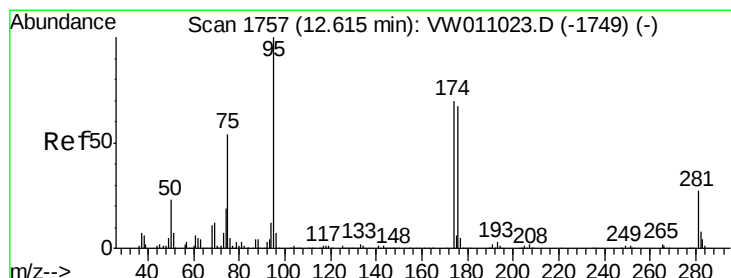
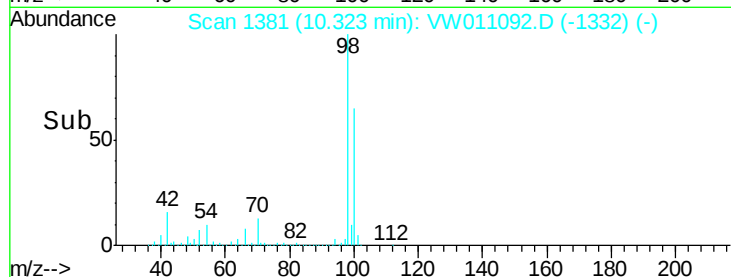


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 42.395 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011092.D

Acq: 01 Jul 2019 18:28

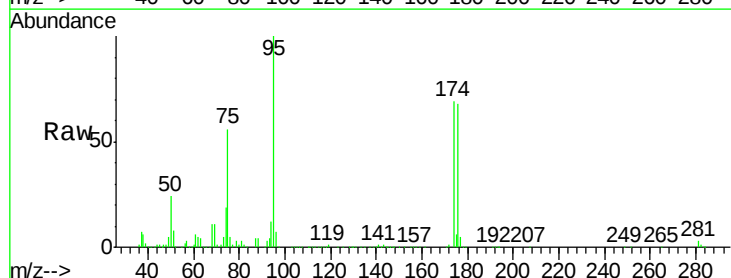
Tgt Ion: 95 Resp: 131383

Ion Ratio Lower Upper

95 100

174 74.4 0.0 149.2

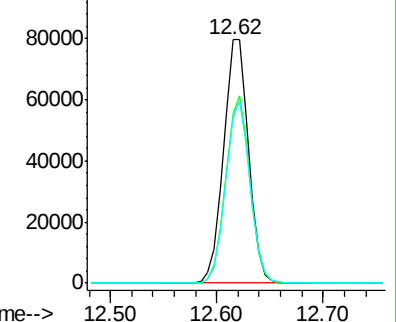
176 72.4 0.0 143.6



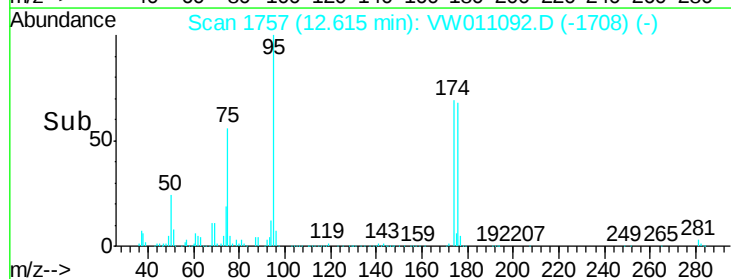
Abundance Ion 94.90 (94.60 to 95.60): VW

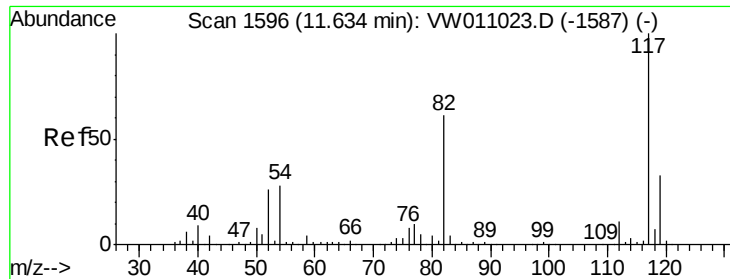
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time-->

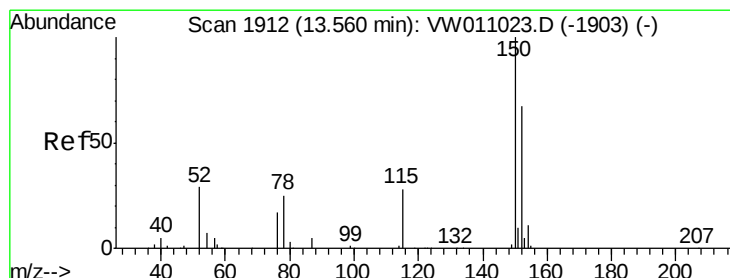
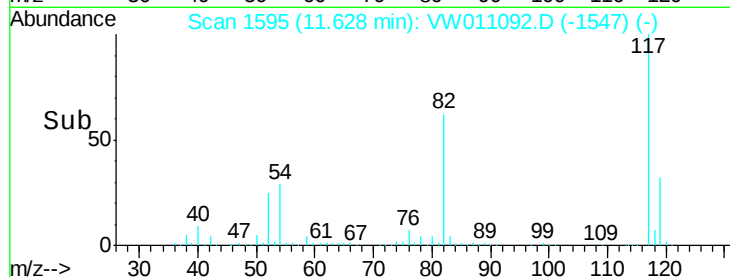
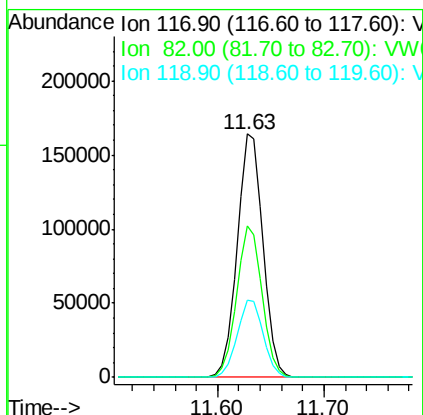
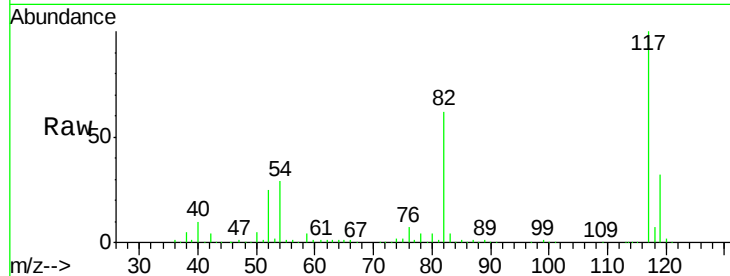




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

Instrument :
MSVOA_W
ClientSampleId :
VNJ-217-368

Tot Ion:117 Resp: 278905
Ion Ratio Lower Upper
117 100
82 62.2 48.6 73.0
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

Tgt Ion:152 Resp: 115325
Ion Ratio Lower Upper
152 100
115 60.6 30.7 92.1
150 155.9 0.0 341.8

