

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011094.D
 Acq On : 01 Jul 2019 19:22
 Operator : SY/VA
 Sample : K3628-05
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-231-VNJ-236-345

Quant Time: Jul 02 09:23:19 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	202952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130027	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138601	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	7.88	113	105702	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.32	98	440214	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.62	95	152916	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	

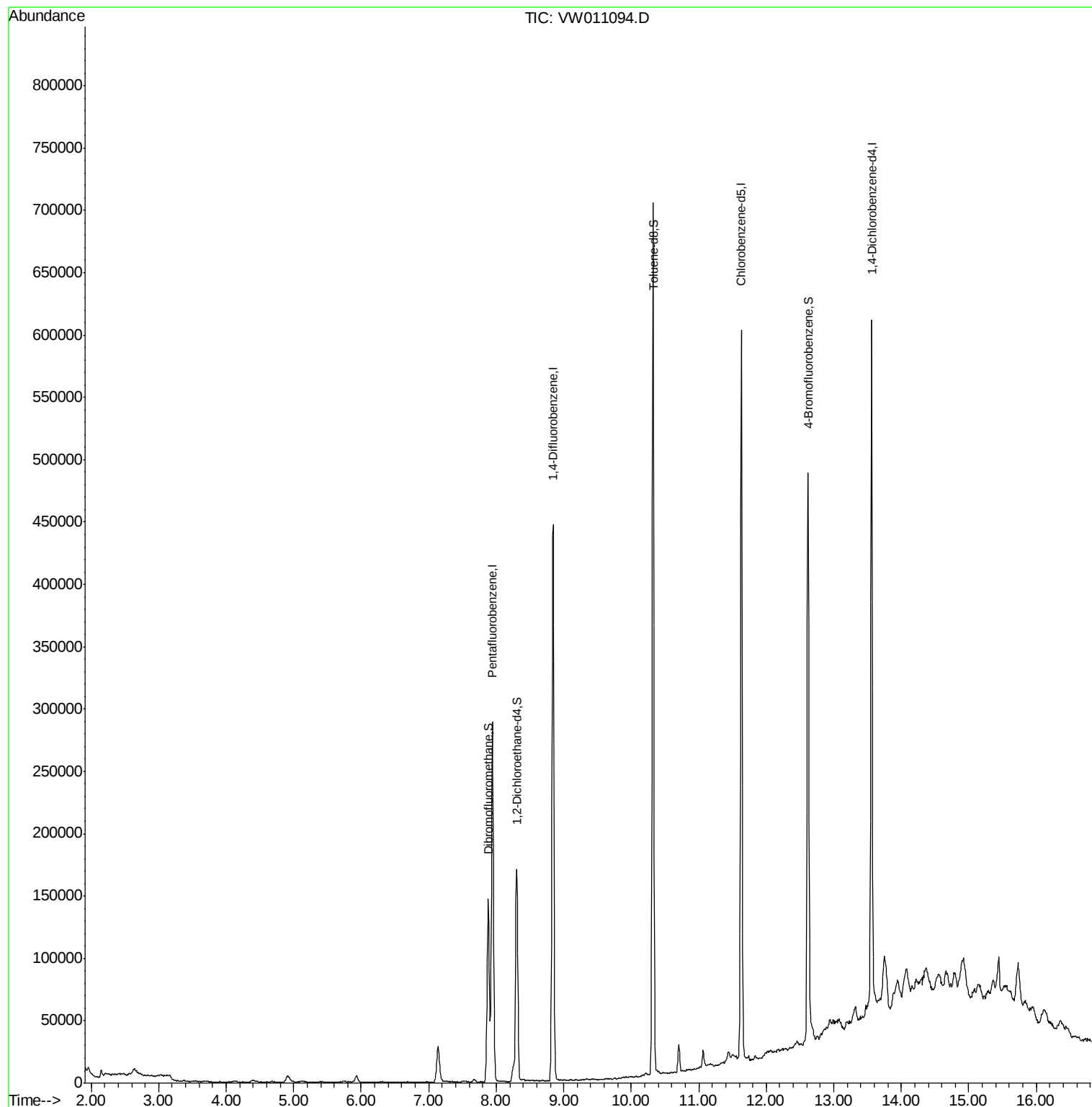
Target Compounds	Qvalue
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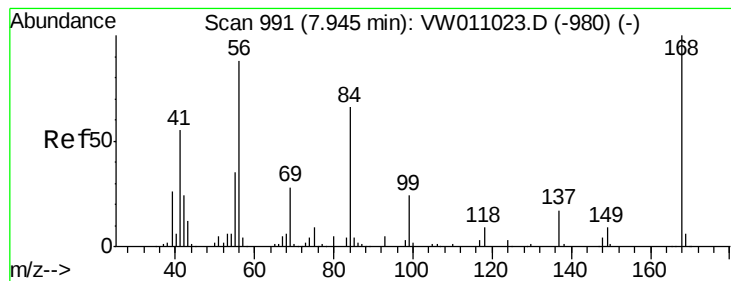
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011094.D

Acq: 01 Jul 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

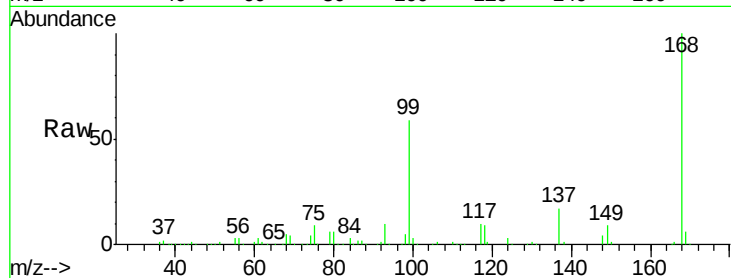
VNJ-231-VNJ-236-345

Tot Ion:168 Resp: 202952

Ion Ratio Lower Upper

168 100

99 59.1 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

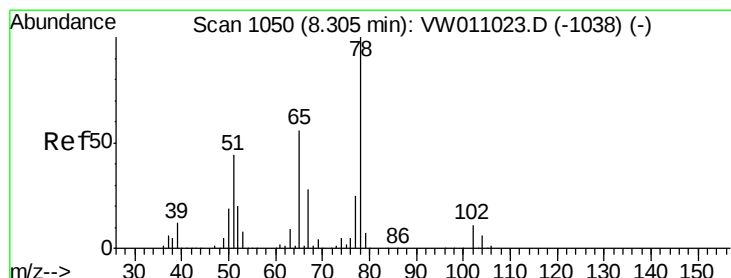
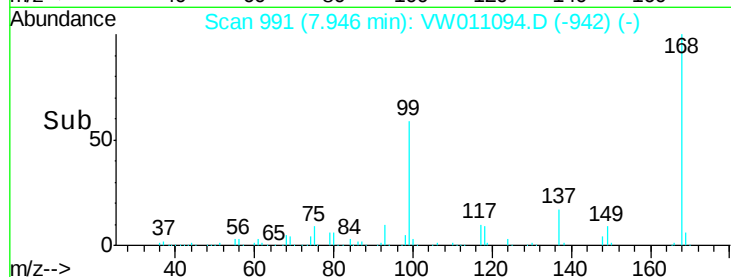
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.241 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011094.D

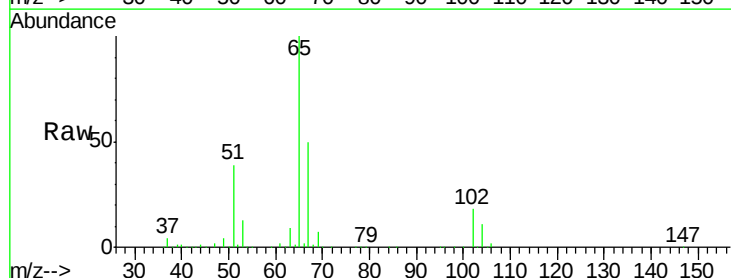
Acq: 01 Jul 2019 19:22

Tgt Ion: 65 Resp: 138601

Ion Ratio Lower Upper

65 100

67 51.6 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

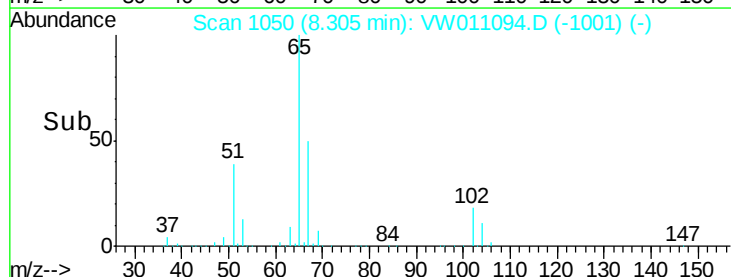
60000

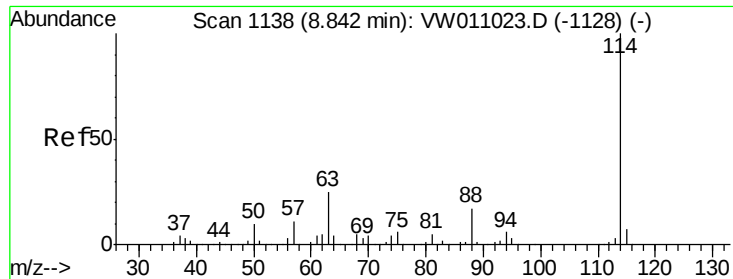
40000

20000

0

Time--> 8.20 8.30 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: VW011094.D

Acq: 01 Jul 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

VNJ-231-VNJ-236-345

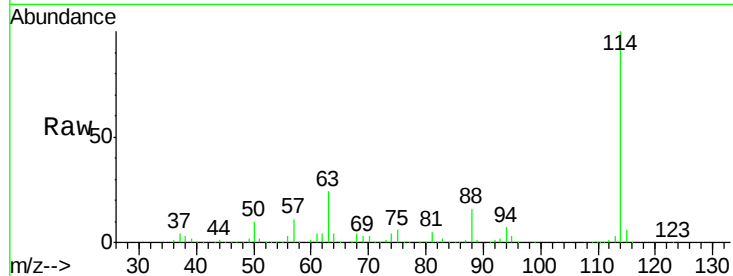
Tot Ion:114 Resp: 350512

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.6

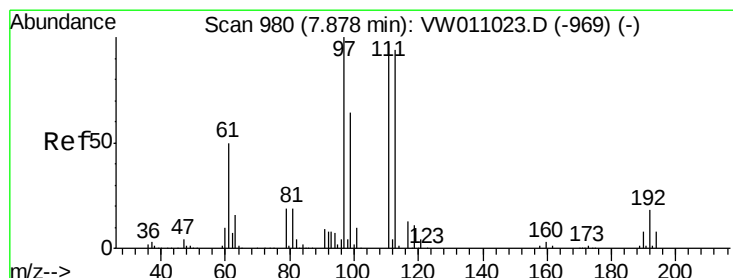
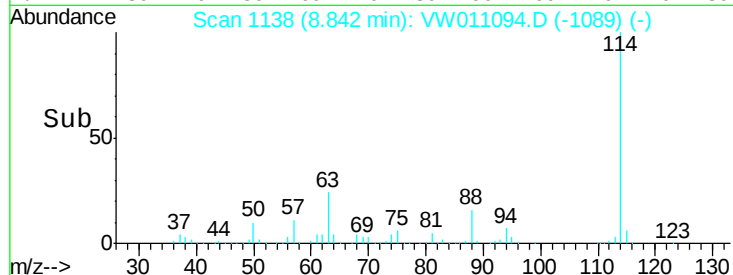
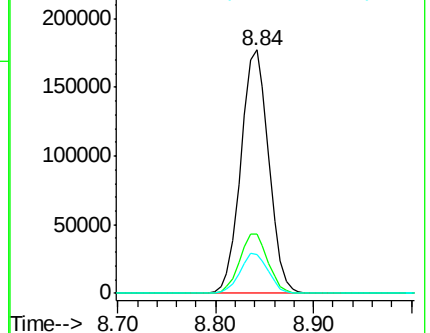
88 16.0 0.0 34.0



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: 49.385 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011094.D

Acq: 01 Jul 2019 19:22

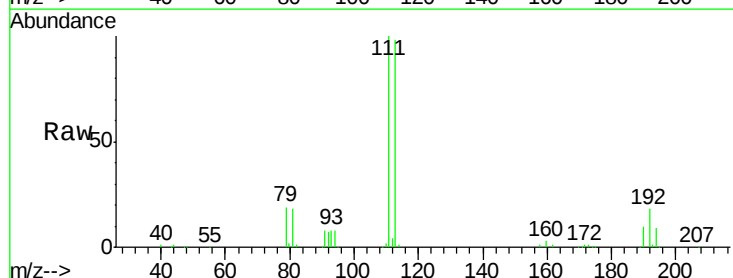
Tgt Ion:113 Resp: 105702

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

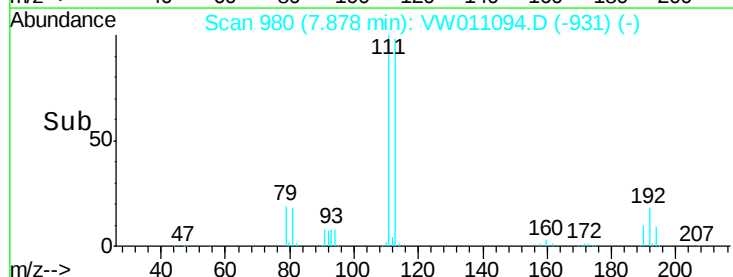
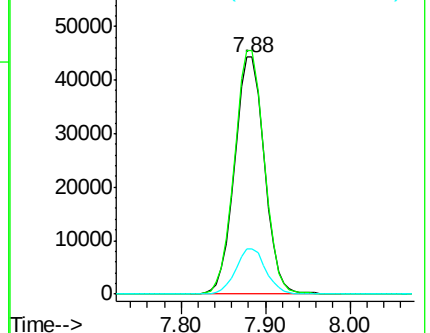
192 19.2 16.0 24.0

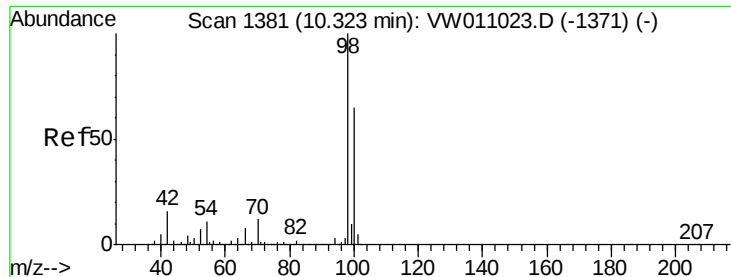


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.966 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011094.D

Acq: 01 Jul 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

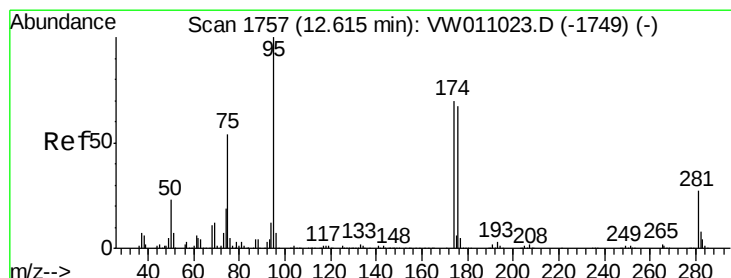
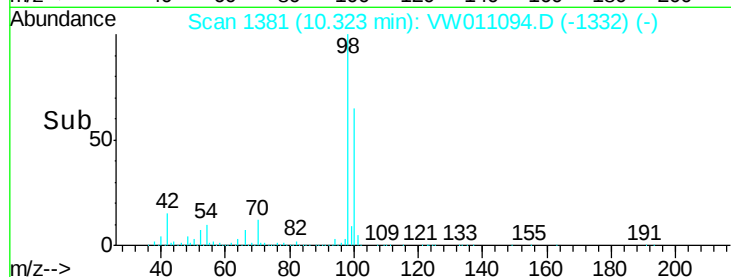
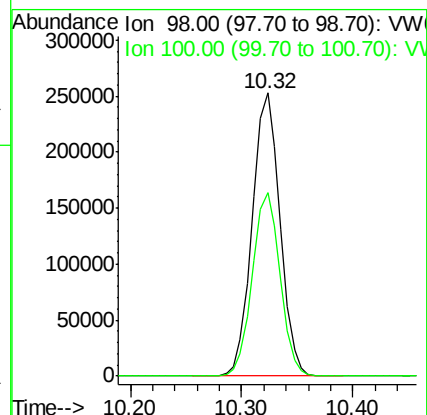
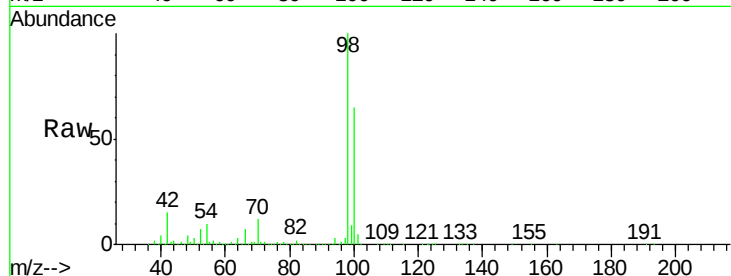
VNJ-231-VNJ-236-345

Tot Ion: 98 Resp: 440214

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.454 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011094.D

Acq: 01 Jul 2019 19:22

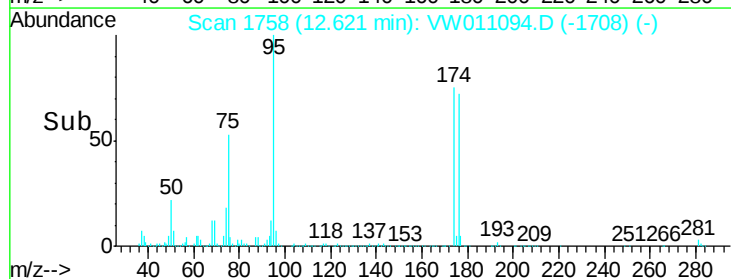
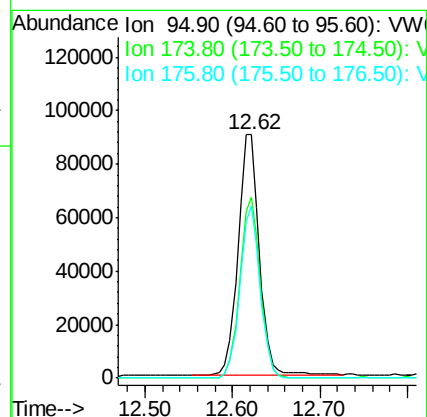
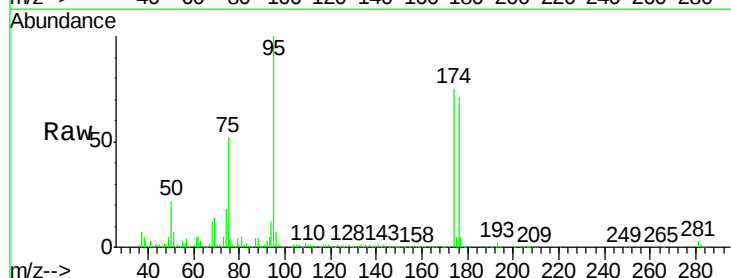
Tgt Ion: 95 Resp: 152916

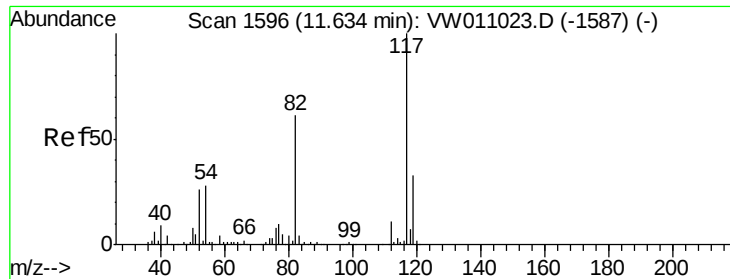
Ion Ratio Lower Upper

95 100

174 72.0 0.0 149.2

176 67.8 0.0 143.6

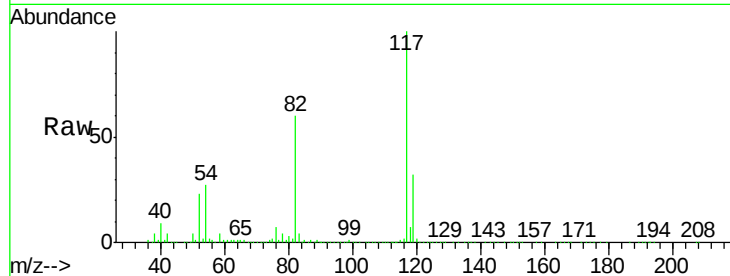




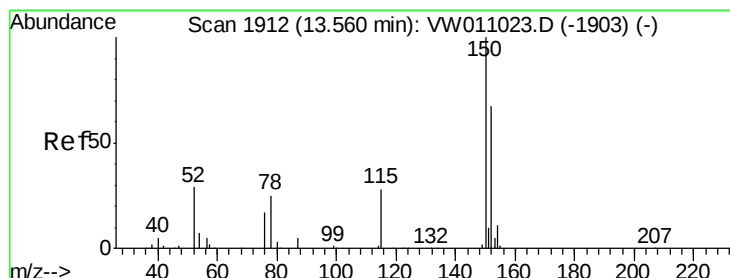
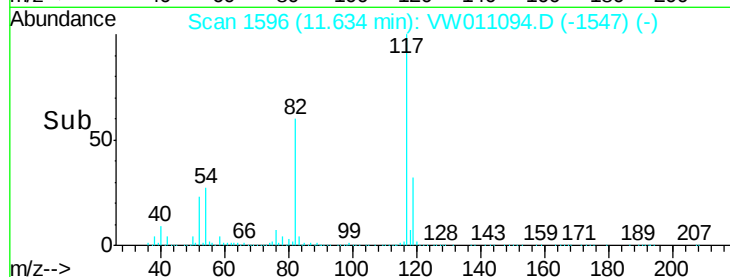
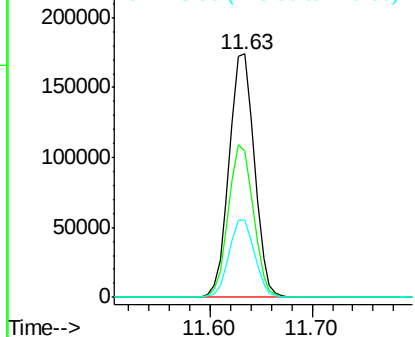
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Instrument :
MSVOA_W
ClientSampleId :
VNJ-231-VNJ-236-345

Tot Ion:117 Resp: 297440
Ion Ratio Lower Upper
117 100
82 60.0 48.6 73.0
119 31.7 26.1 39.1

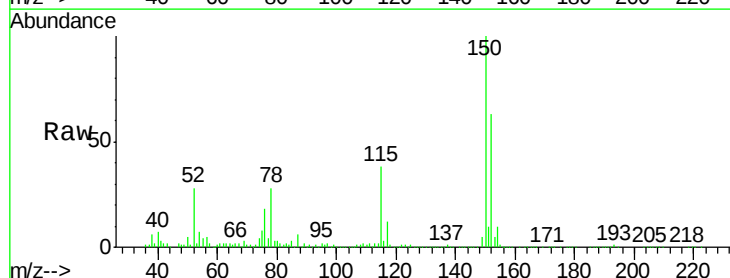


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Tgt Ion:152 Resp: 130027
Ion Ratio Lower Upper
152 100
115 59.6 30.7 92.1
150 155.1 0.0 341.8



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

