

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011353.D
 Acq On : 19 Jul 2019 01:10
 Operator : SY/VA
 Sample : K3835-01
 Misc : 4.79G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(0-2)

Quant Time: Jul 19 08:13:14 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	150752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	228094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37184	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	104161	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
35) Dibromofluoromethane	7.88	113	77988	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
50) Toluene-d8	10.32	98	211353	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	
62) 4-Bromofluorobenzene	12.62	95	44812	22.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.50%	

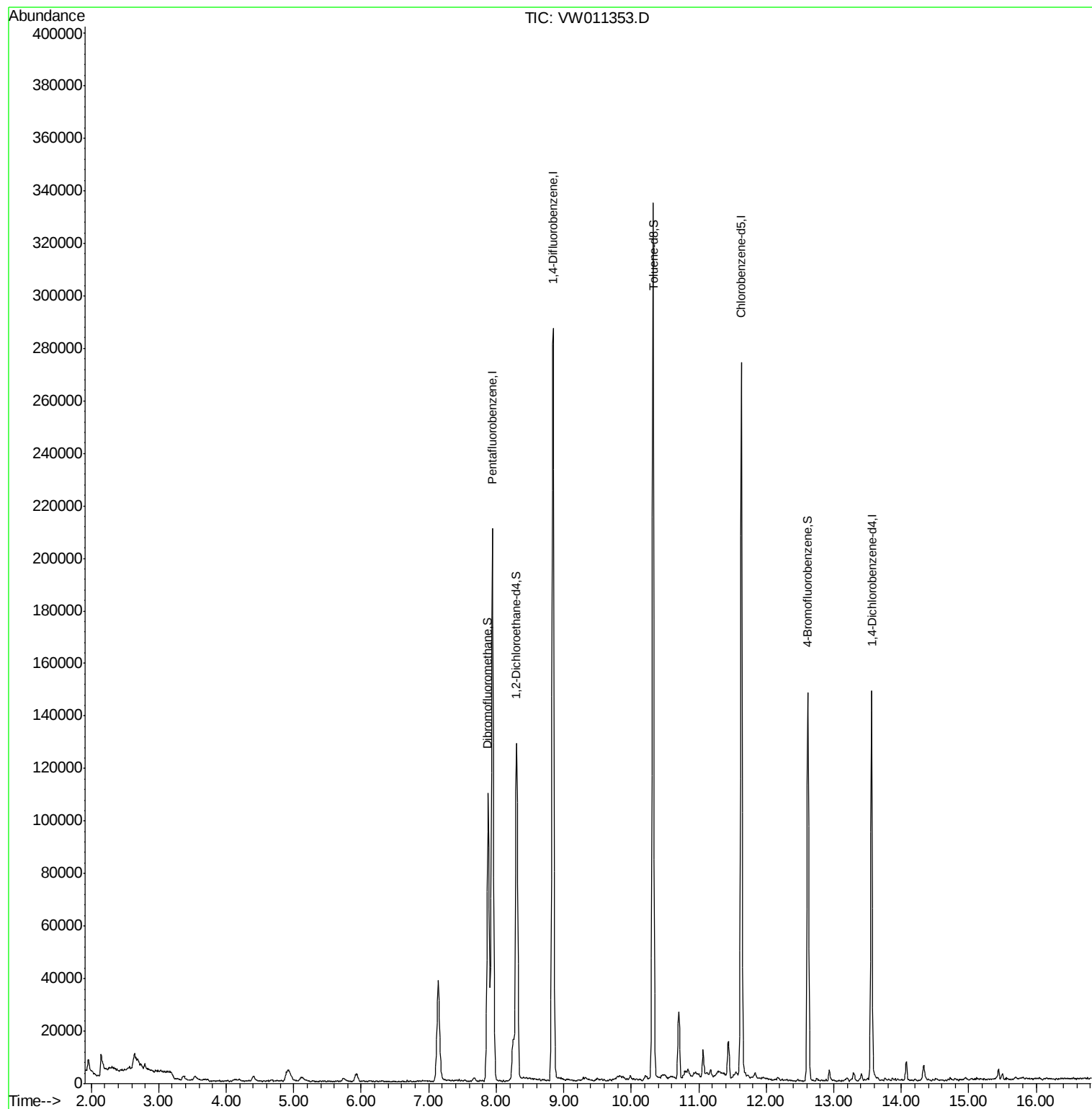
Target Compounds	Qvalue

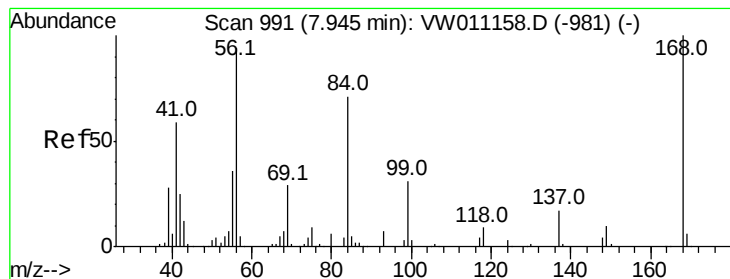
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011353.D

Acq: 19 Jul 2019 01:10

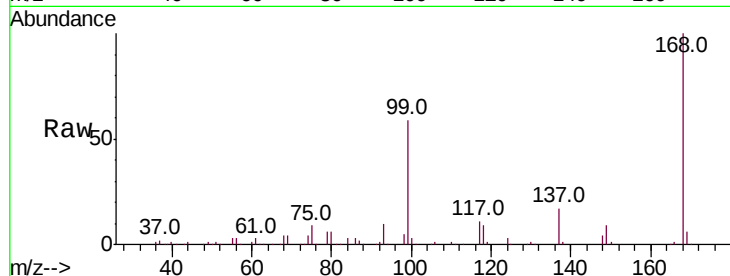
Instrument :
MSVOA_W
ClientSampleId :
SB-1(0-2)

Tot Ion:168 Resp: 150752

Ion Ratio Lower Upper

168 100

99 59.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

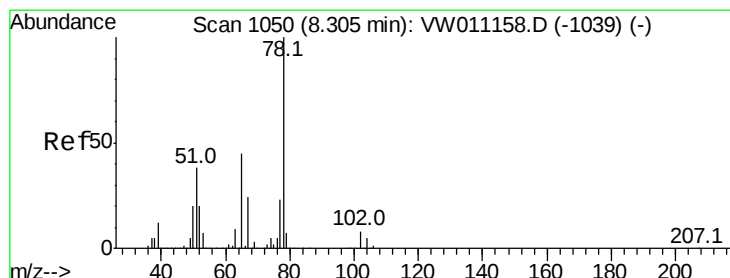
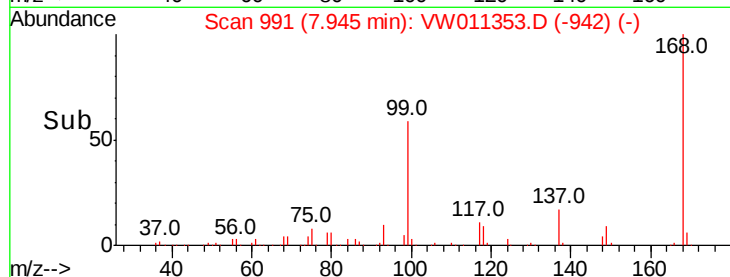
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.988 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011353.D

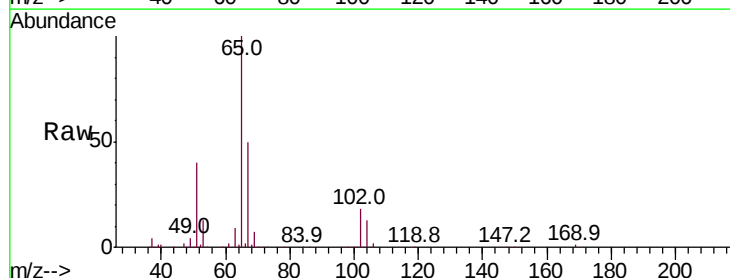
Acq: 19 Jul 2019 01:10

Tgt Ion: 65 Resp: 104161

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

50000

40000

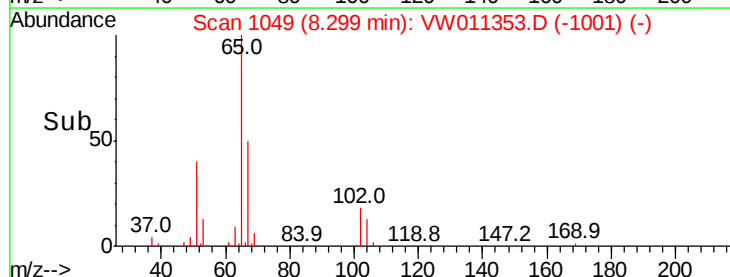
30000

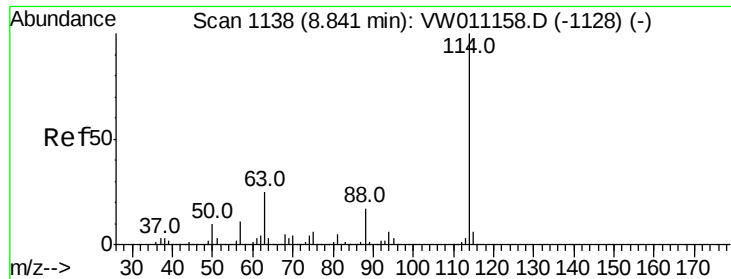
20000

10000

0

Time--> 8.20 8.30 8.40

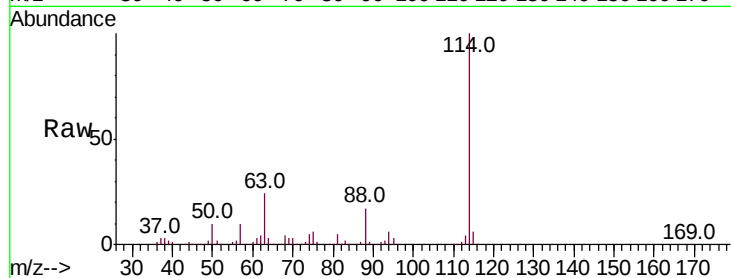




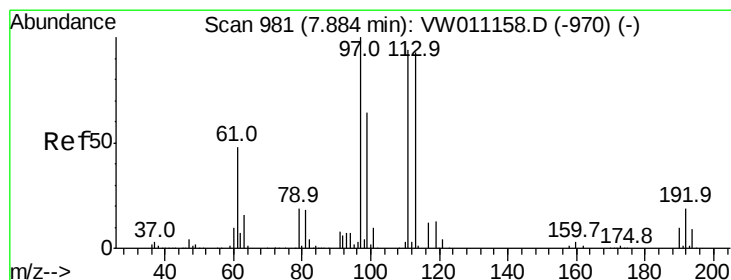
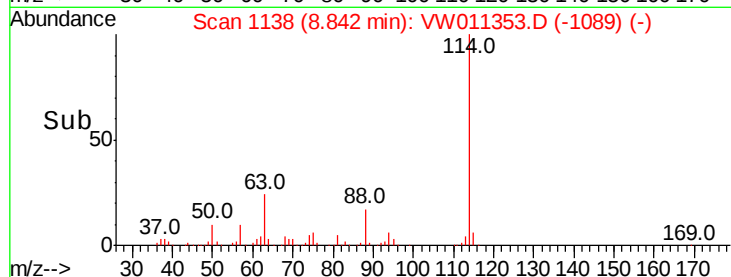
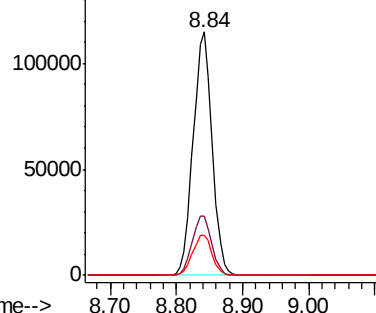
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Instrument :
MSVOA_W
ClientSampleId :
SB-1(0-2)

Tot Ion:114 Resp: 228094
Ion Ratio Lower Upper
114 100
63 24.2 0.0 50.8
88 16.6 0.0 34.2

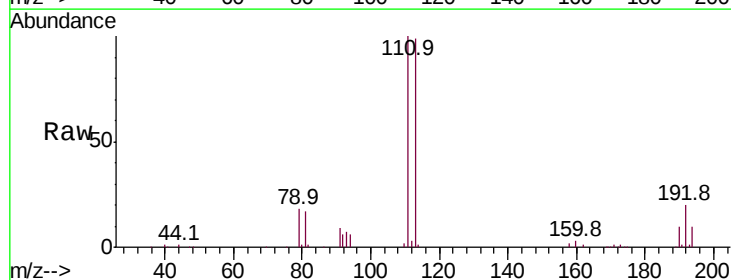


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

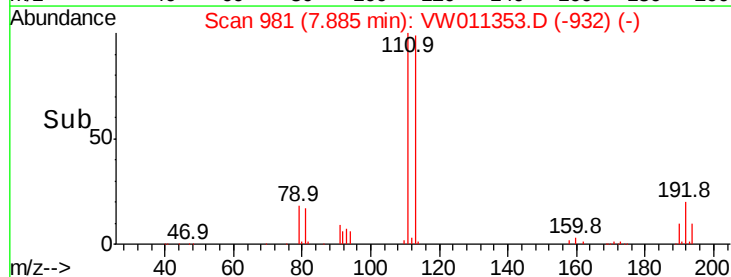
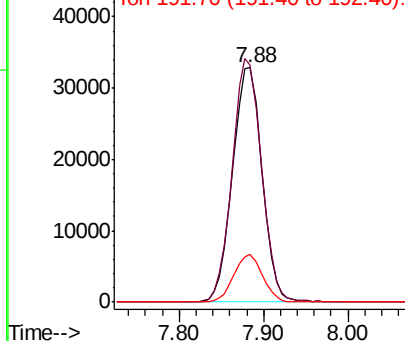


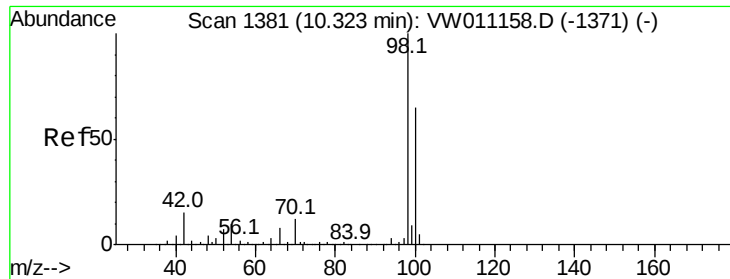
#35
Dibromofluoromethane
Concen: 57.363 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Tgt Ion:113 Resp: 77988
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.6 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: 38.459 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

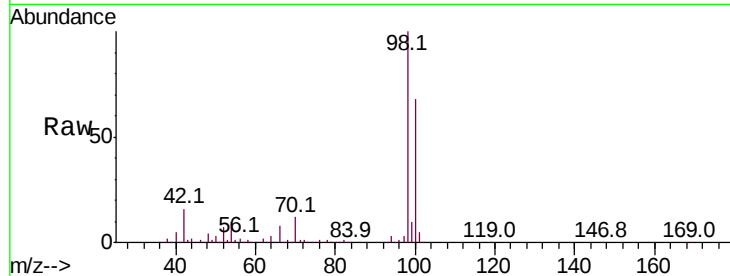
SB-1(0-2)

Tot Ion: 98 Resp: 211353

Ion Ratio Lower Upper

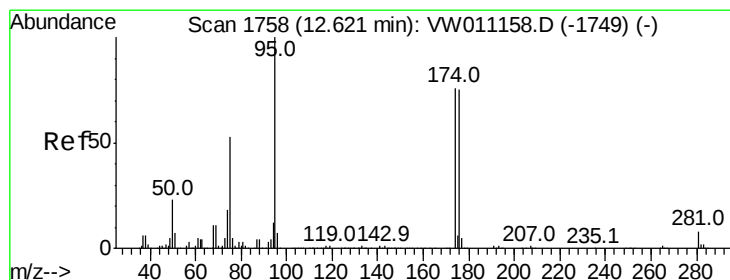
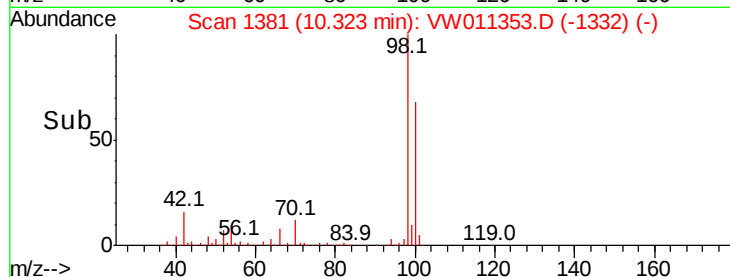
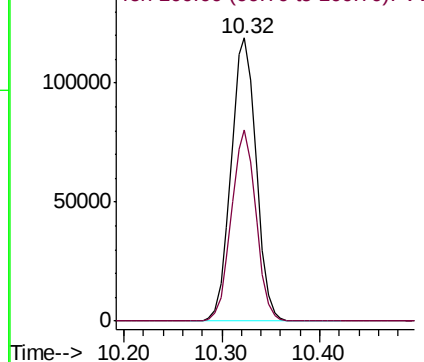
98 100

100 66.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 22.247 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

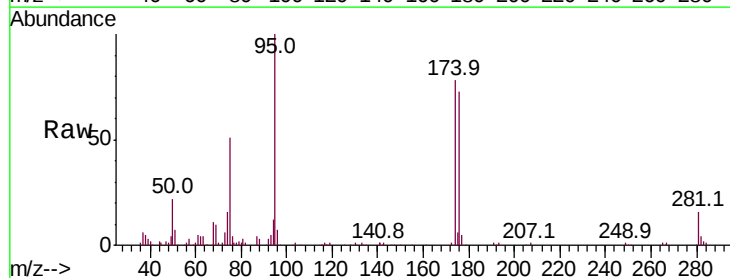
Tgt Ion: 95 Resp: 44812

Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.6

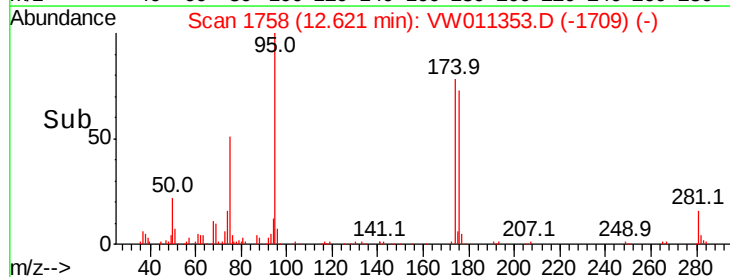
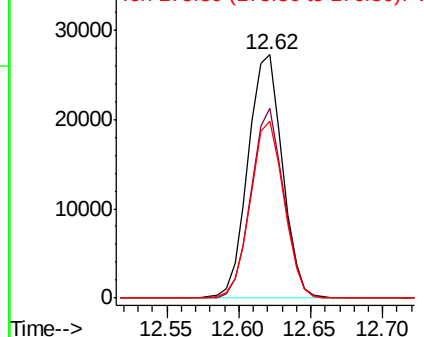
176 71.3 0.0 144.6

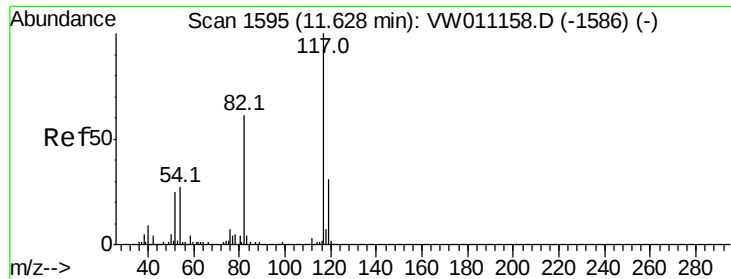


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

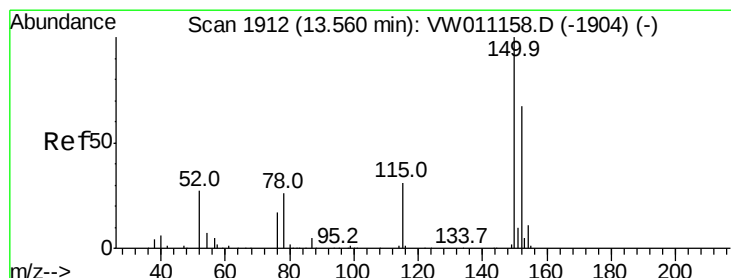
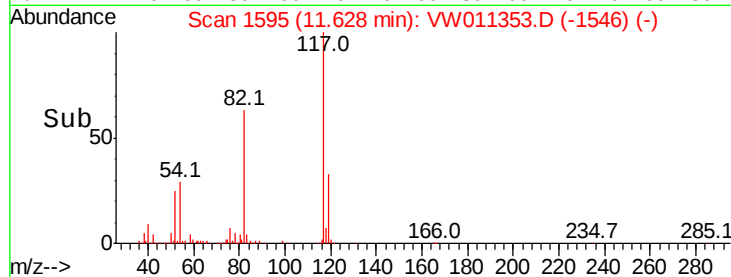
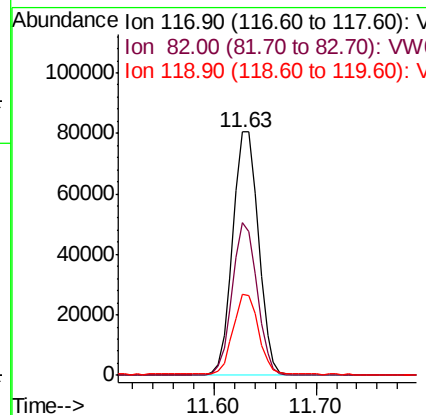
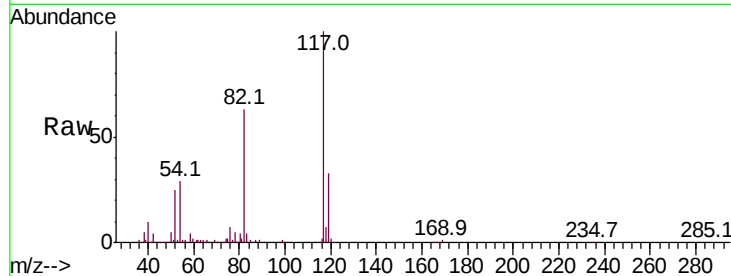




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Instrument :
MSVOA_W
ClientSampled :
SB-1(0-2)

Tot Ion:117 Resp: 140716
Ion Ratio Lower Upper
117 100
82 62.8 48.9 73.3
119 32.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Tgt Ion:152 Resp: 37184
Ion Ratio Lower Upper
152 100
115 58.5 30.1 90.3
150 152.3 0.0 346.0

