

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011410.D
 Acq On : 20 Jul 2019 07:56
 Operator : SY/VA
 Sample : K3615-01
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-071719-A

Quant Time: Jul 22 01:15:20 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	259022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128988	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	166787	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.88	113	128827	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.32	98	522357	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.61	95	156648	41.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.88%	

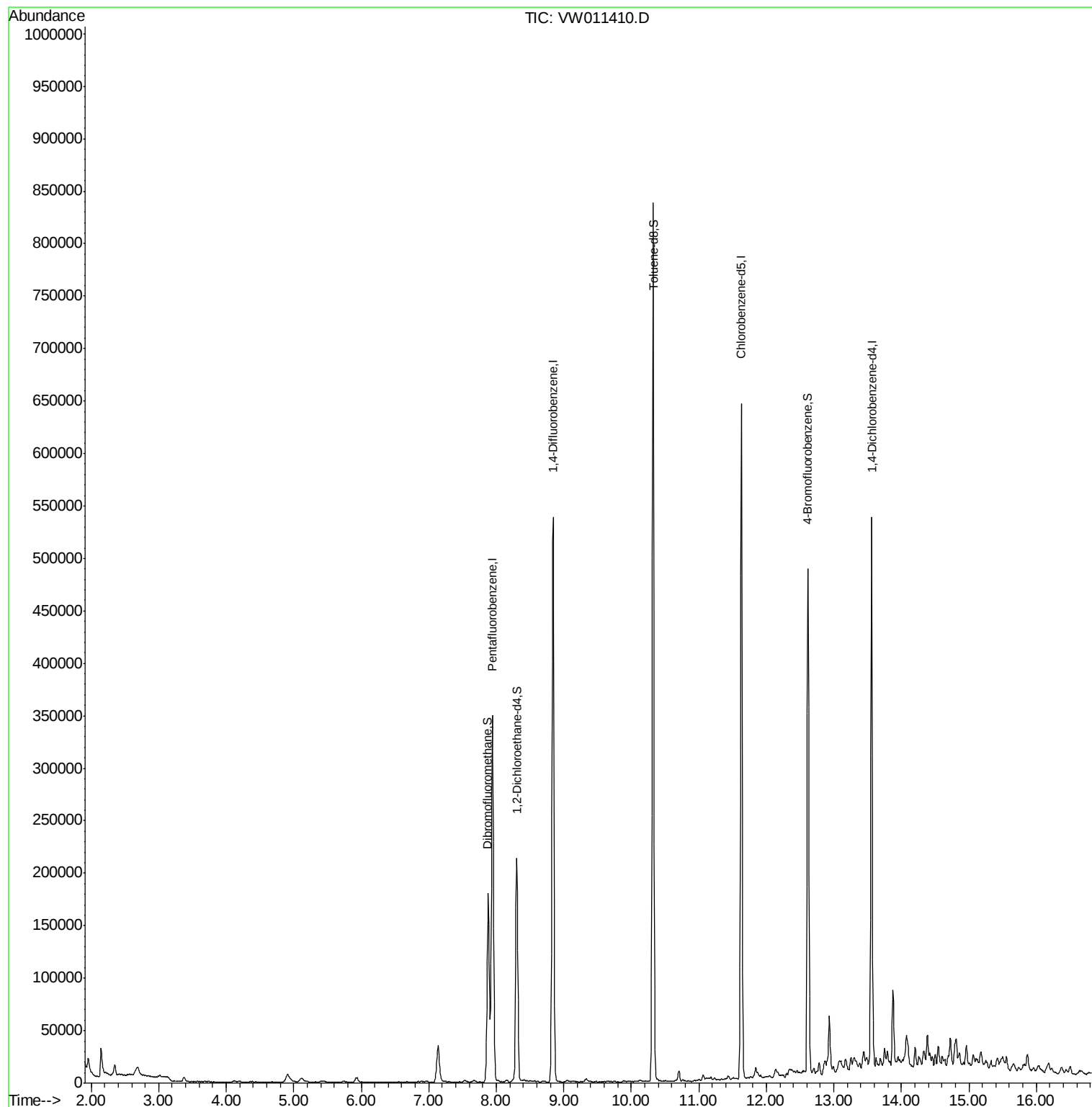
Target Compounds	Qvalue
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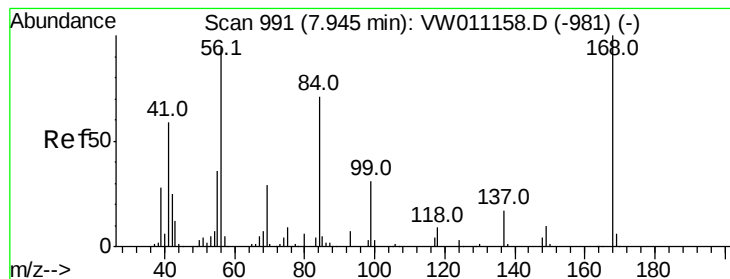
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011410.D

Acq: 20 Jul 2019 07:56

Instrument :

MSVOA_W

ClientSampleId :

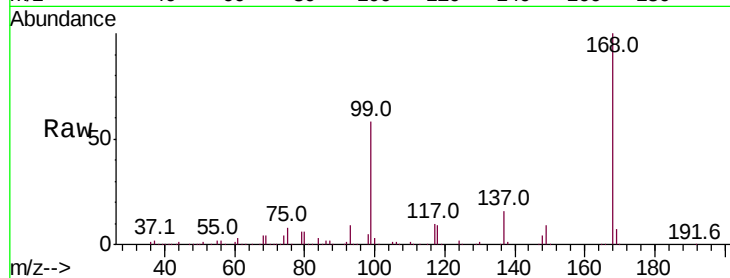
HR-06-071719-A

Tot Ion:168 Resp: 259022

Ion Ratio Lower Upper

168 100

99 58.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

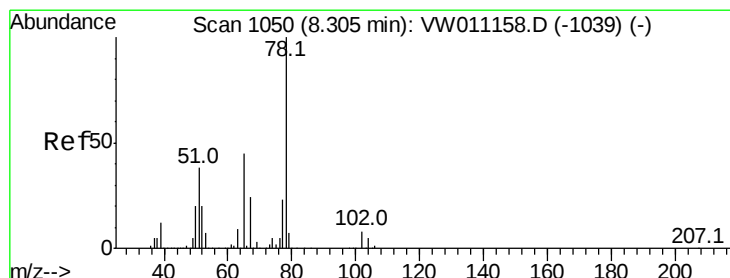
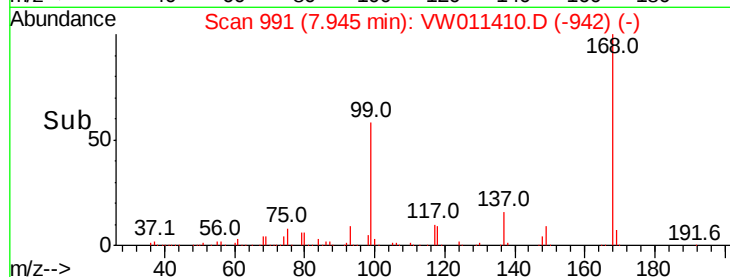
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.245 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011410.D

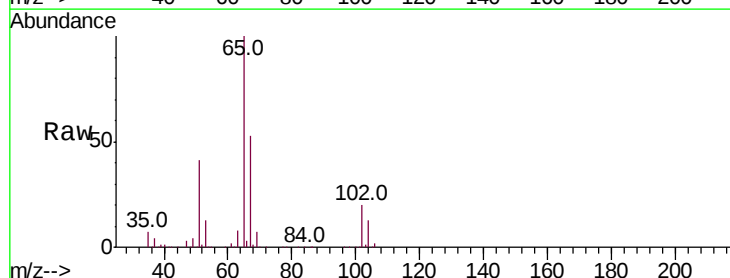
Acq: 20 Jul 2019 07:56

Tgt Ion: 65 Resp: 166787

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

8.30

80000

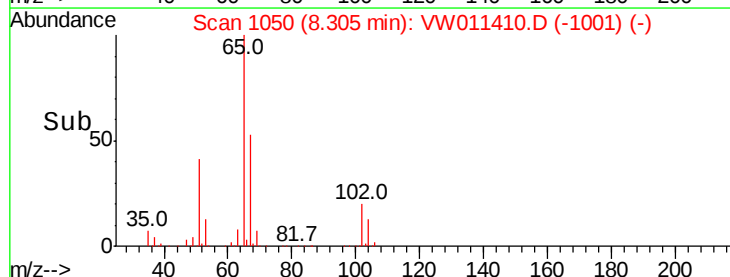
60000

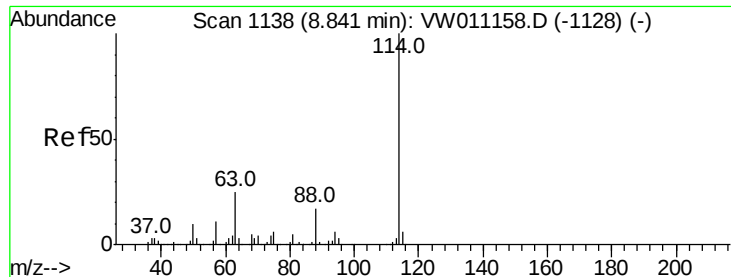
40000

20000

0

Time--> 8.20 8.30 8.40 8.50

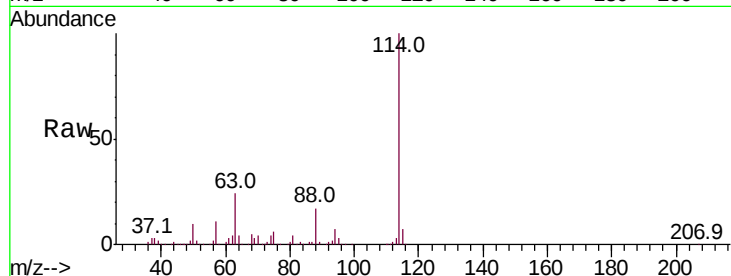




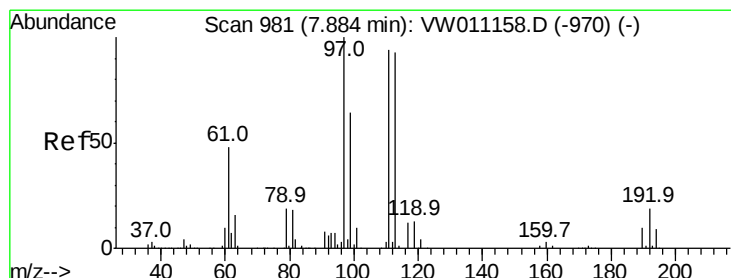
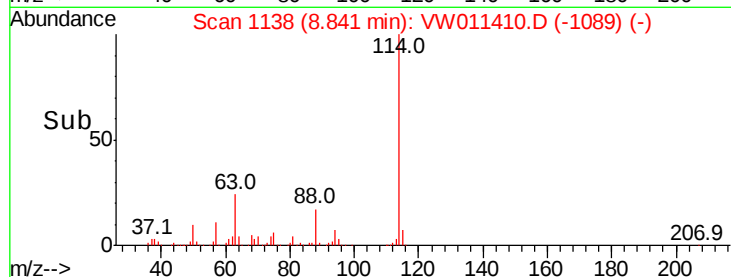
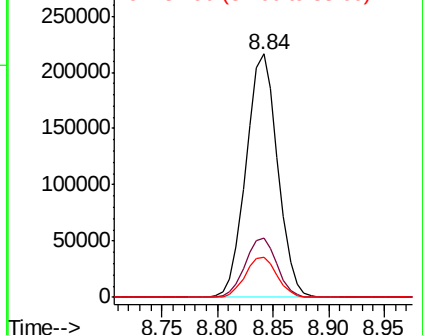
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	50.8
88	16.7	0.0	34.2

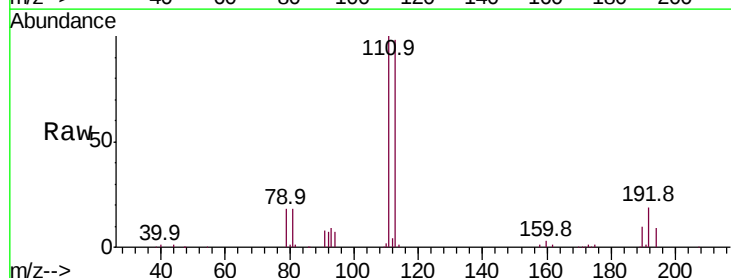


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

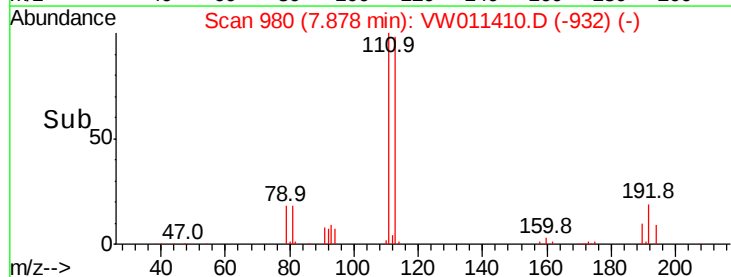
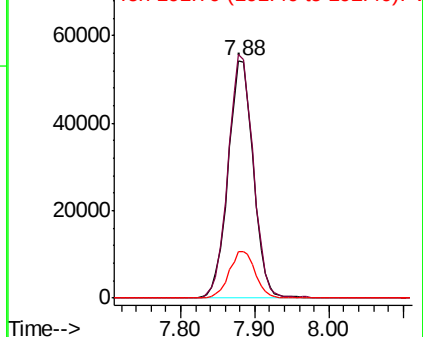


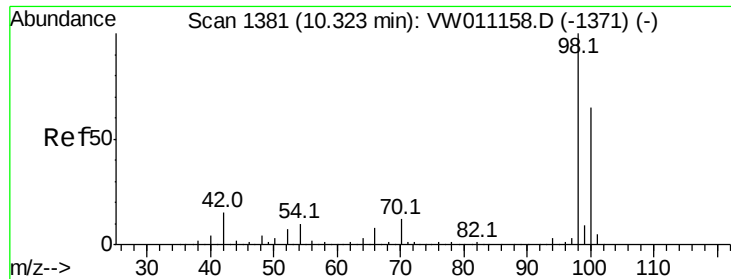
#35
Dibromofluoromethane
Concen: 50.490 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	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: 50.647 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011410.D

Acq: 20 Jul 2019 07:56

Instrument :

MSVOA_W

ClientSampleId :

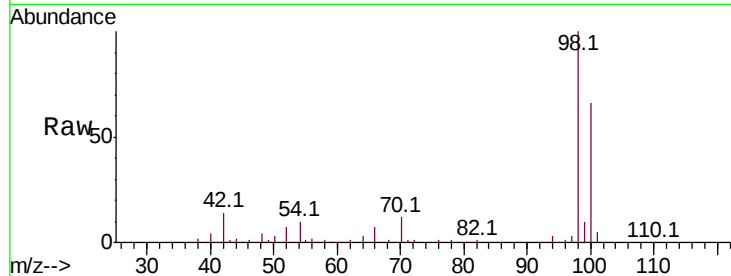
HR-06-071719-A

Tot Ion: 98 Resp: 522357

Ion Ratio Lower Upper

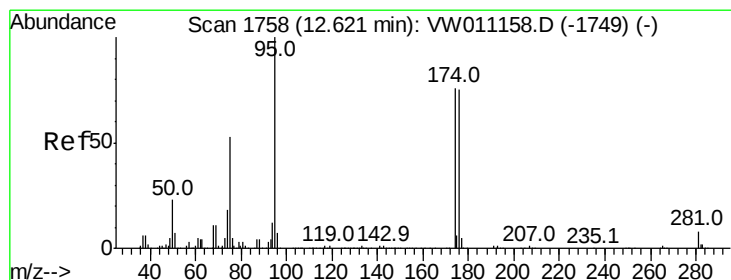
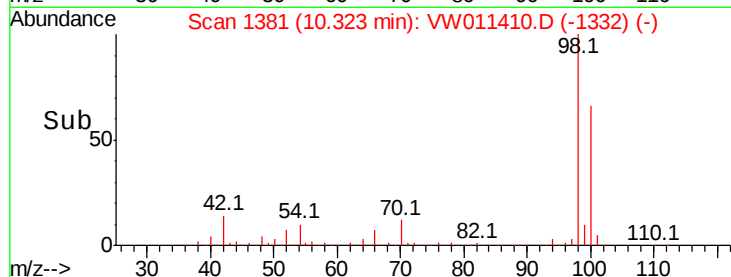
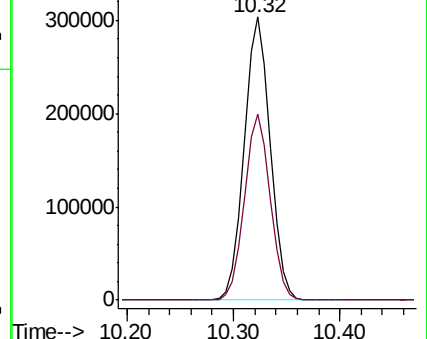
98 100

100 65.1 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: 41.438 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011410.D

Acq: 20 Jul 2019 07:56

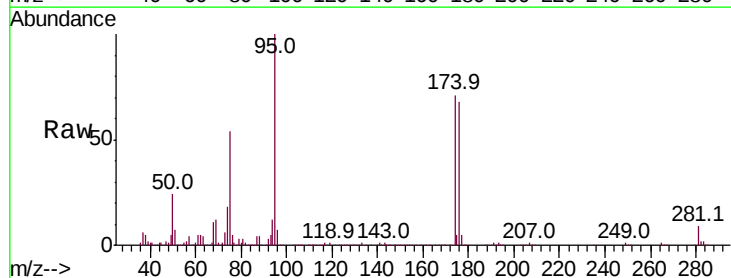
Tgt Ion: 95 Resp: 156648

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.6

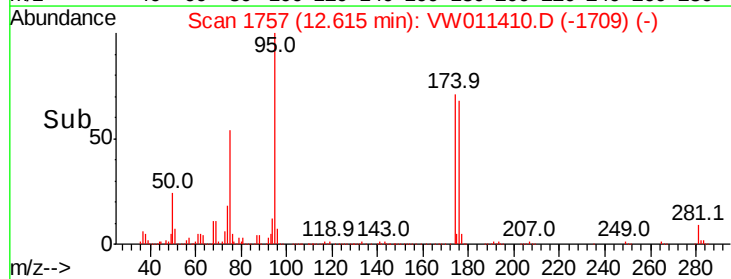
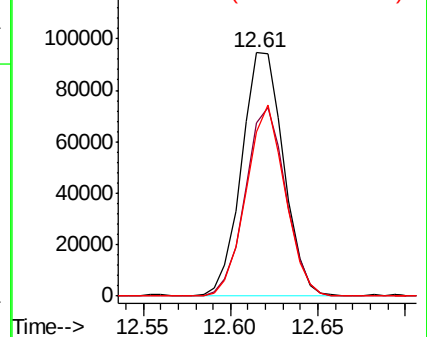
176 73.5 0.0 144.6

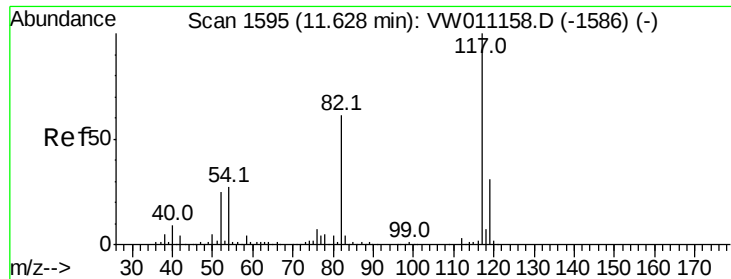


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

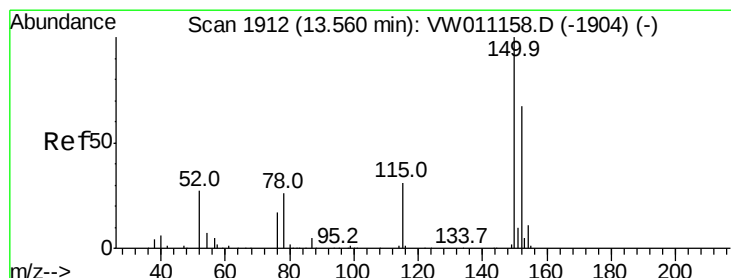
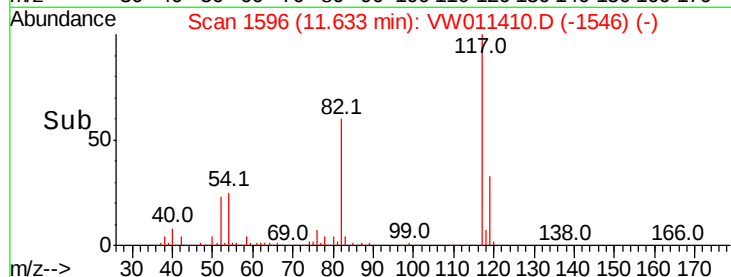
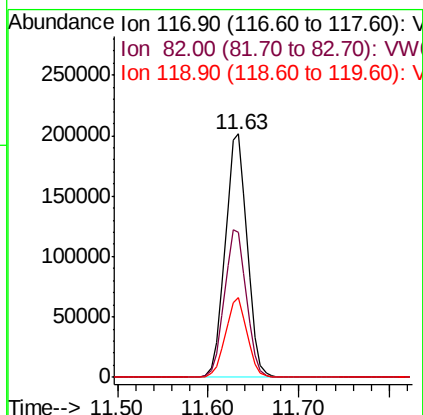
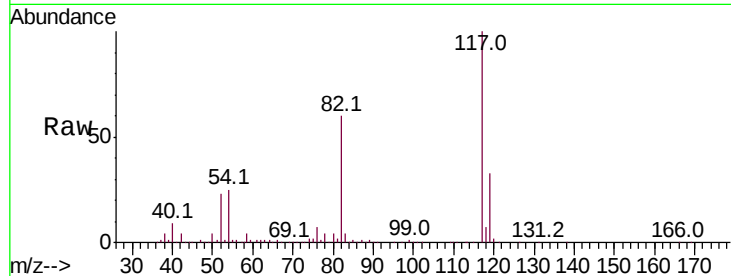




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011410.D
Acq: 20 Jul 2019 07:56

Instrument :
MSVOA_W
ClientSampleId :
HR-06-071719-A

Tot Ion:117 Resp: 342651
Ion Ratio Lower Upper
117 100
82 59.6 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: VW011410.D
Acq: 20 Jul 2019 07:56

Tgt Ion:152 Resp: 128988
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 155.6 0.0 346.0

