

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011968.D
 Acq On : 16 Aug 2019 16:34
 Operator : SY/VA
 Sample : K4366-05
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-5

Quant Time: Aug 17 05:34:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143349	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156540	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
35) Dibromofluoromethane	7.88	113	120307	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
50) Toluene-d8	10.32	98	501953	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.62	95	185984	56.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.88%	

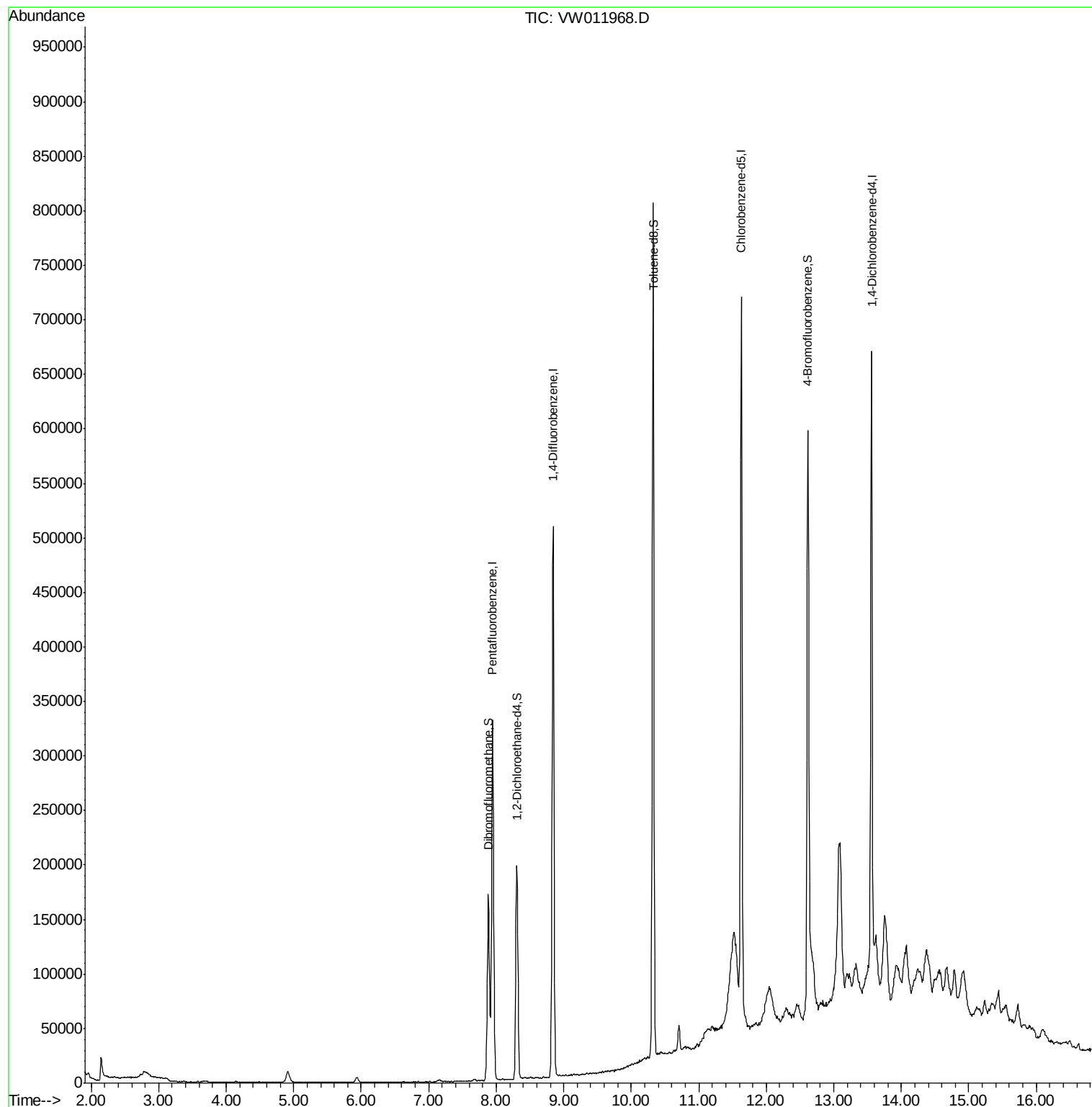
Target Compounds	Qvalue

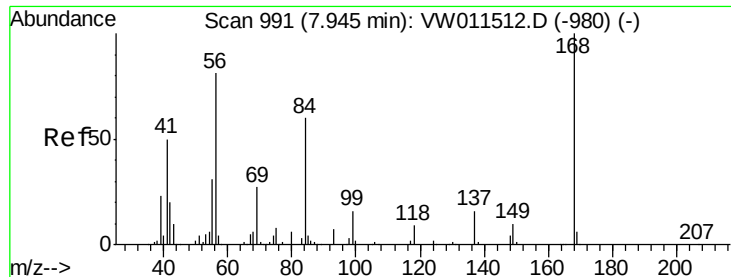
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081719\
Data File : VW011968.D
Acq On : 16 Aug 2019 16:34
Operator : SY/VA
Sample : K4366-05
Misc : 5.73G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PX-5

Quant Time: Aug 17 05:34:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011968.D

Acq: 16 Aug 2019 16:34

Instrument :

MSVOA_W

ClientSampled :

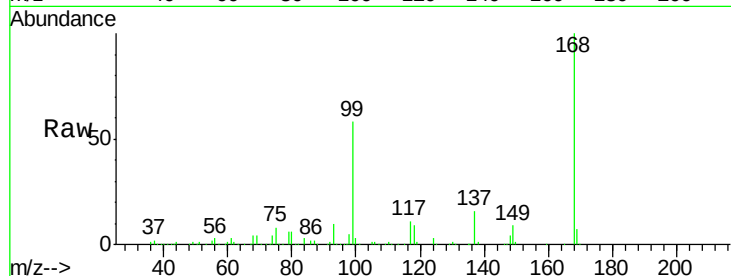
PX-5

Tot Ion:168 Resp: 240149

Ion Ratio Lower Upper

168 100

99 58.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

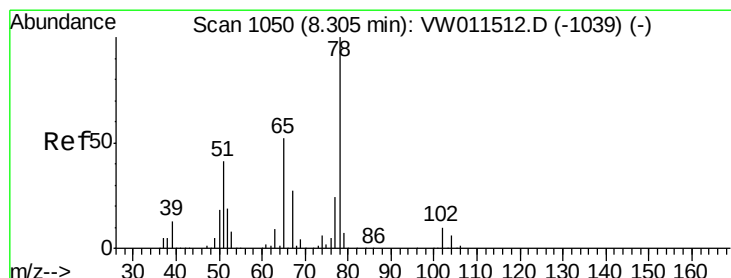
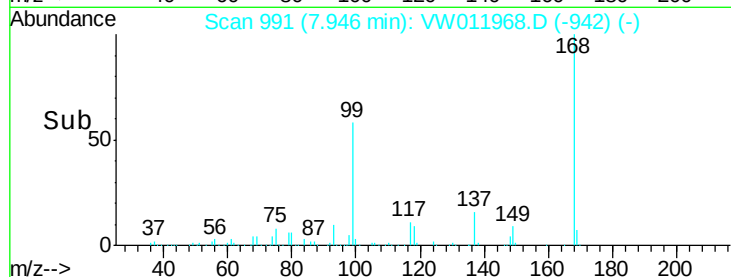
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.767 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011968.D

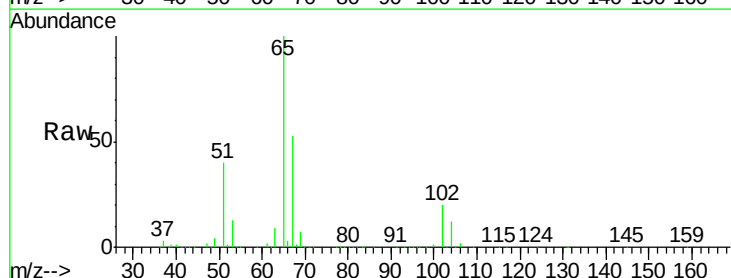
Acq: 16 Aug 2019 16:34

Tgt Ion: 65 Resp: 156540

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

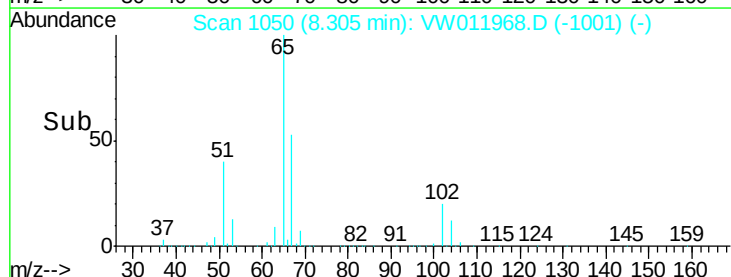
60000

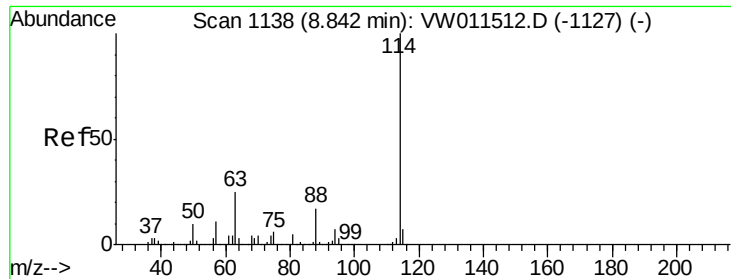
40000

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: VW011968.D

Acq: 16 Aug 2019 16:34

Instrument :

MSVOA_W

ClientSampled :

PX-5

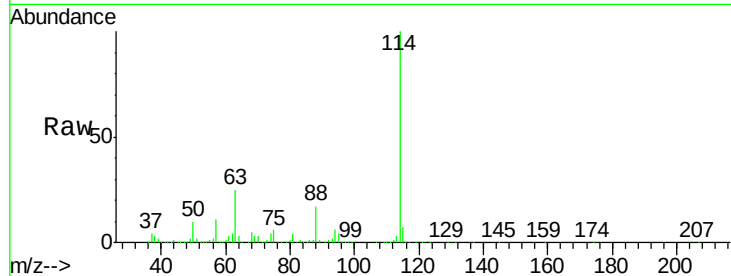
Tot Ion:114 Resp: 402359

Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

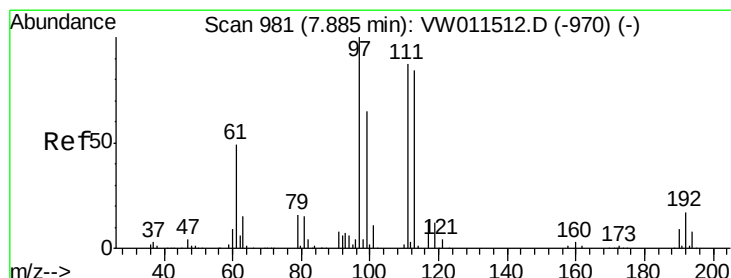
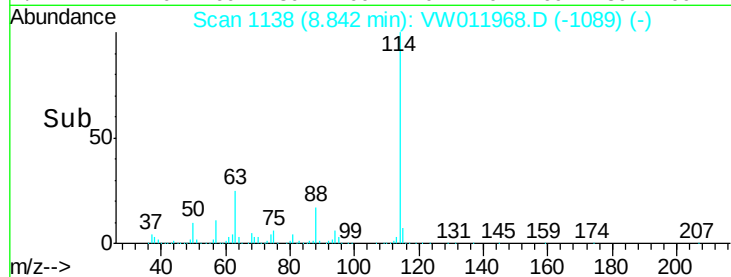
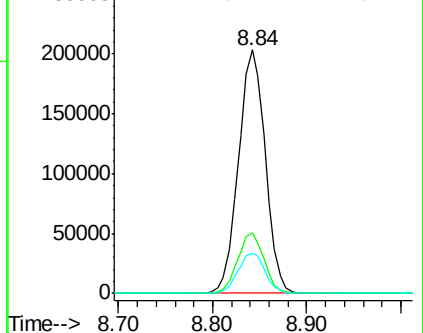
88 16.5 0.0 33.8



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: 53.297 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011968.D

Acq: 16 Aug 2019 16:34

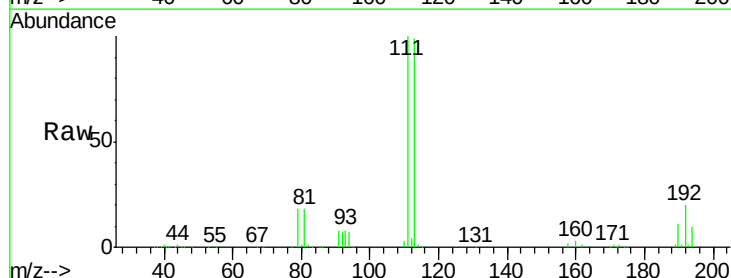
Tgt Ion:113 Resp: 120307

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

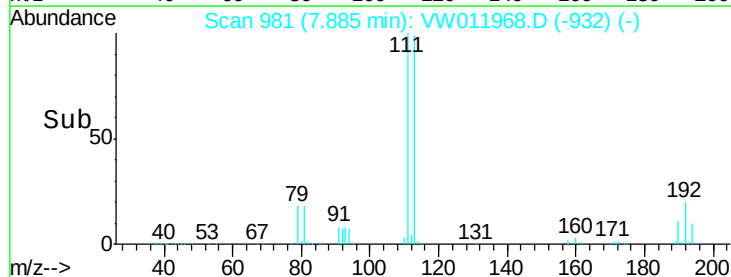
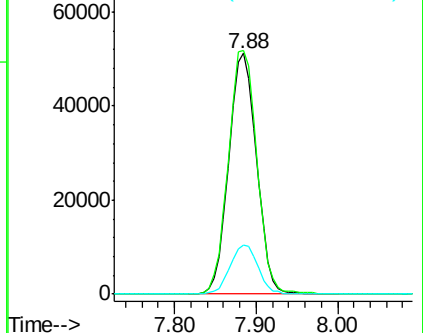
192 20.5 16.1 24.1

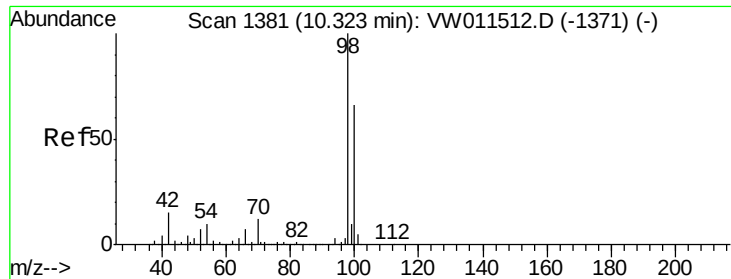


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.312 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011968.D

Acq: 16 Aug 2019 16:34

Instrument :

MSVOA_W

ClientSampled :

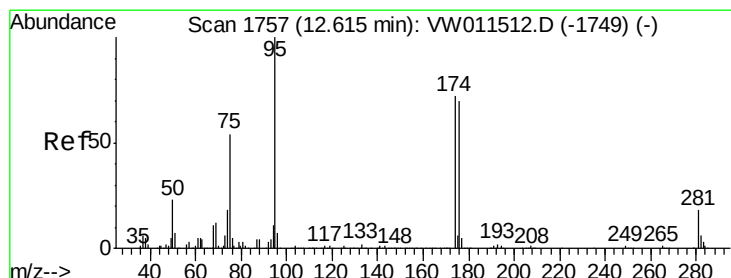
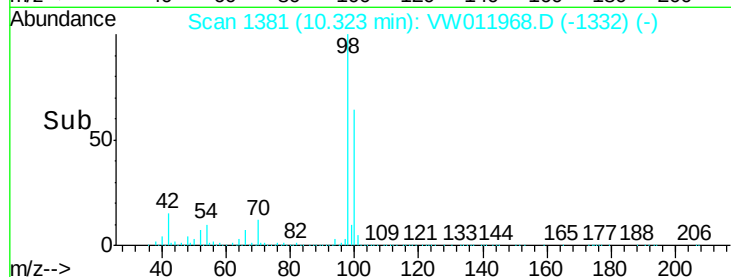
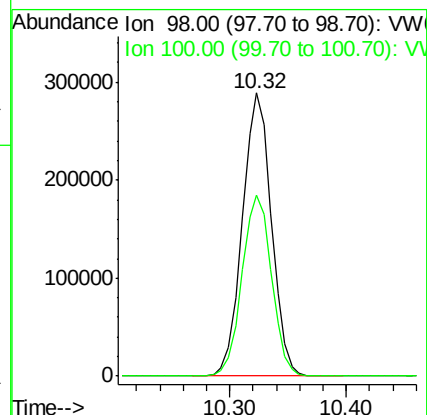
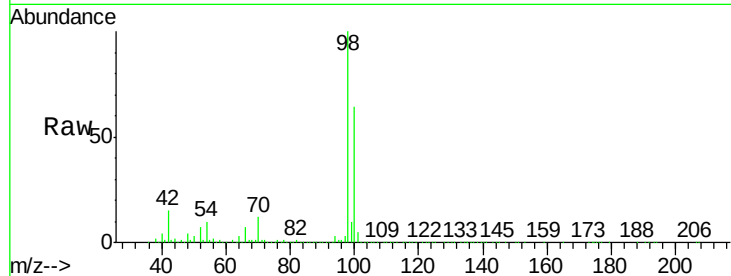
PX-5

Tot Ion: 98 Resp: 501953

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 56.445 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011968.D

Acq: 16 Aug 2019 16:34

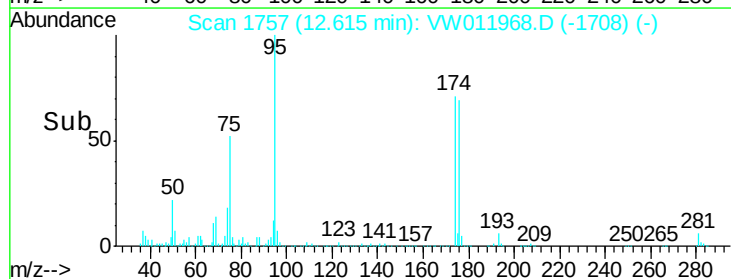
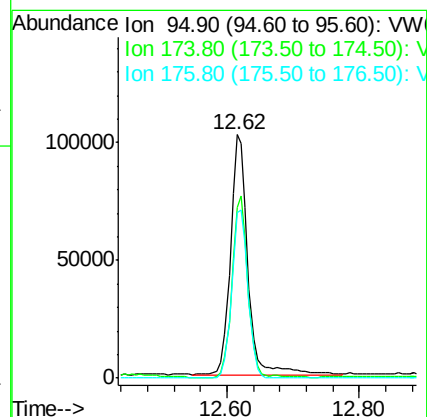
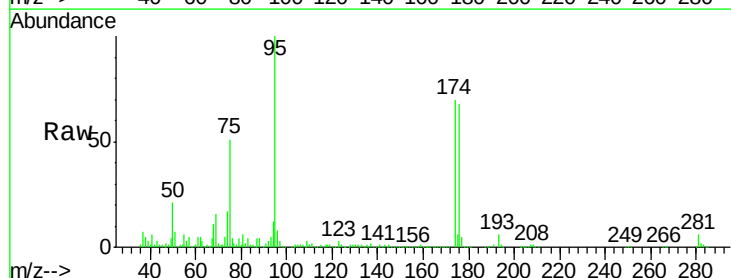
Tgt Ion: 95 Resp: 185984

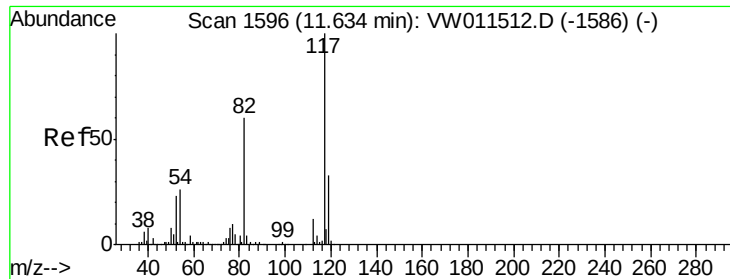
Ion Ratio Lower Upper

95 100

174 68.0 0.0 150.2

176 65.3 0.0 144.4

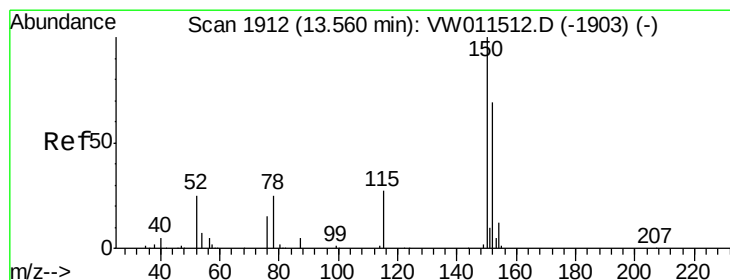
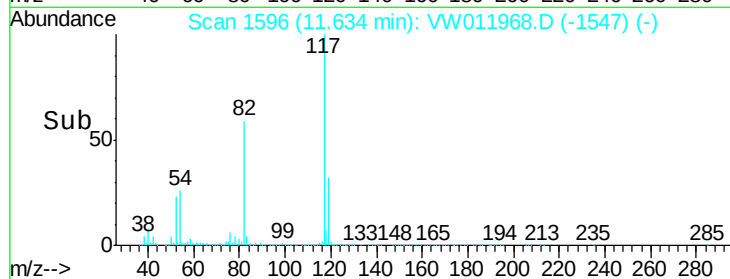
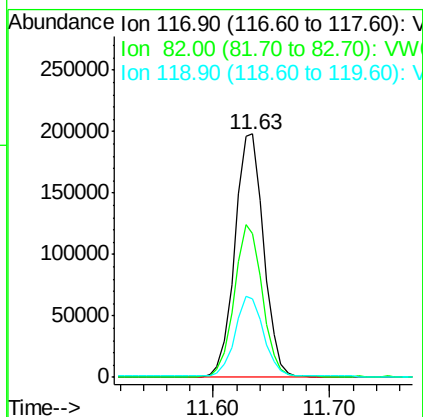
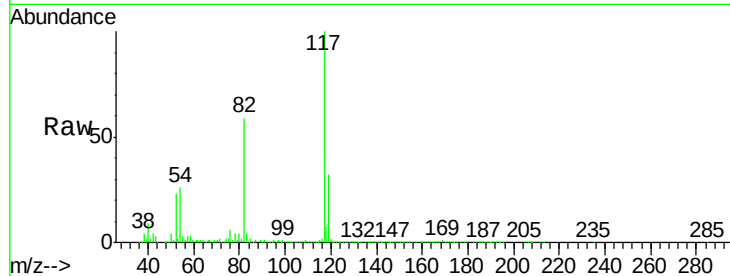




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011968.D
Acq: 16 Aug 2019 16:34

Instrument :
MSVOA_W
ClientSampleId :
PX-5

Tot Ion:117 Resp: 339753
Ion Ratio Lower Upper
117 100
82 58.8 47.9 71.9
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011968.D
Acq: 16 Aug 2019 16:34

Tgt Ion:152 Resp: 143349
Ion Ratio Lower Upper
152 100
115 60.2 30.5 91.5
150 154.3 0.0 352.6

