

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009061.D
 Acq On : 08 Mar 2019 18:10
 Operator : SY/VA
 Sample : K1780-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-A

Quant Time: Mar 09 04:02:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	451083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189791	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	168352	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
35) Dibromofluoromethane	7.88	113	141505	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.32	98	543139	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.62	95	185798	42.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.62%	

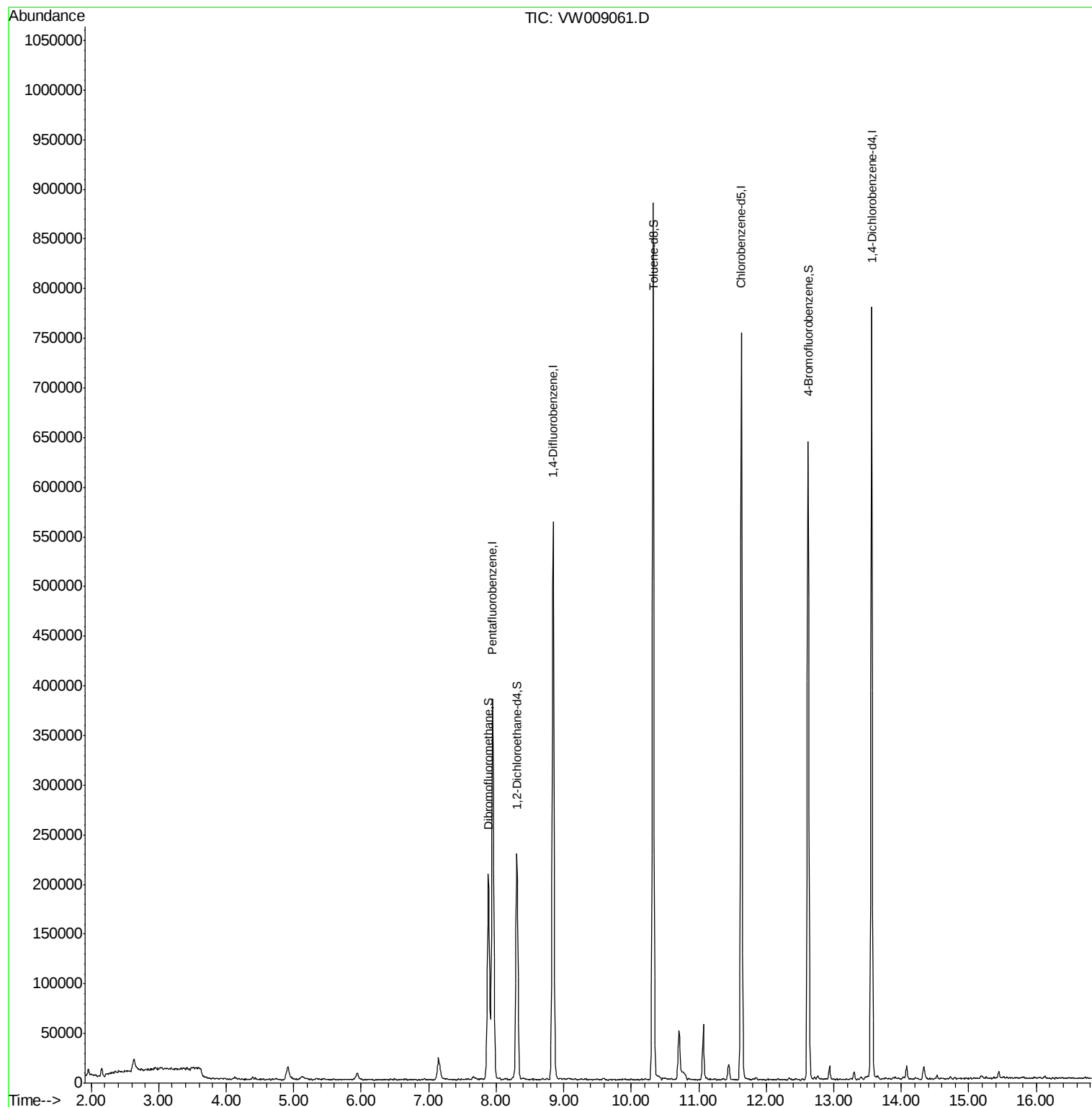
Target Compounds	Qvalue

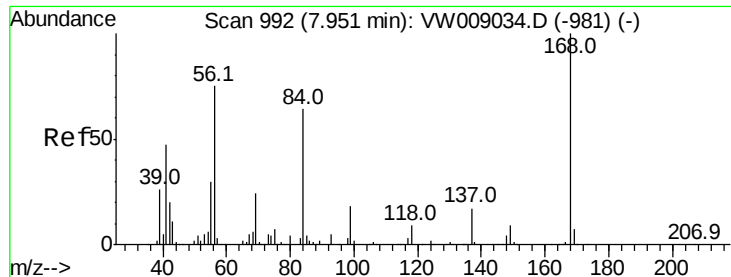
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009061.D

Acq: 08 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

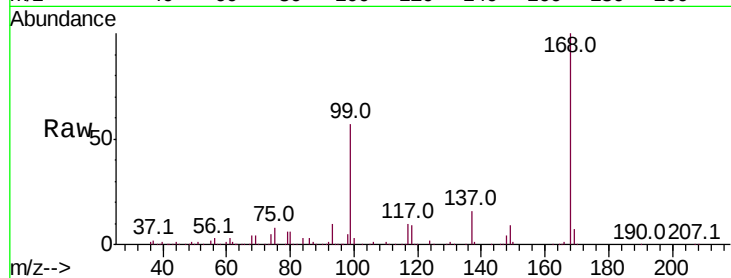
SOIL-A

Tot Ion:168 Resp: 286267

Ion Ratio Lower Upper

168 100

99 57.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

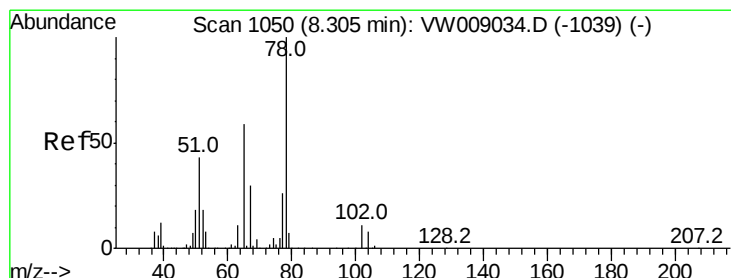
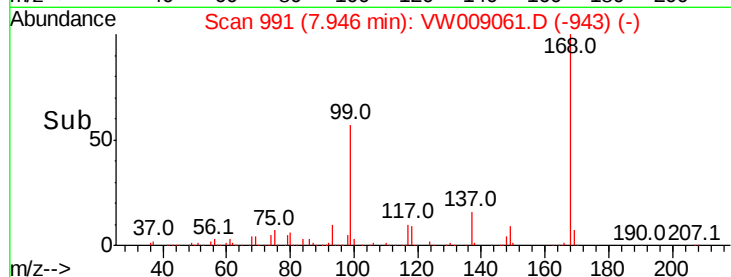
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.453 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009061.D

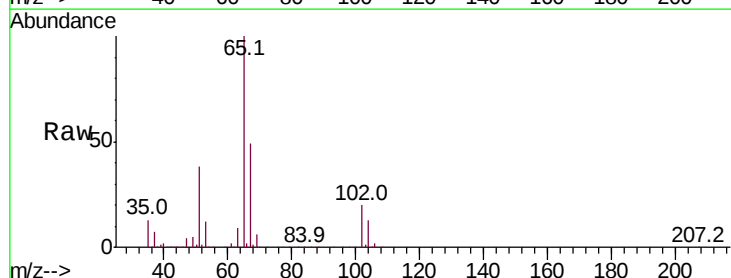
Acq: 08 Mar 2019 18:10

Tgt Ion: 65 Resp: 168352

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

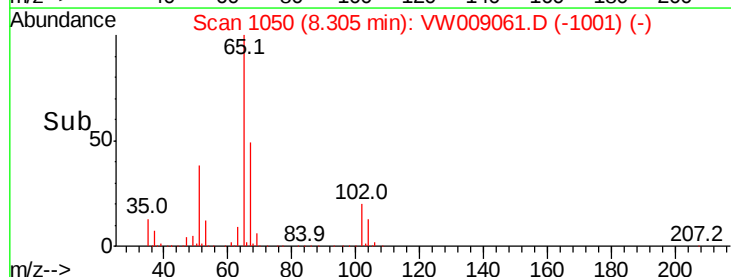
60000

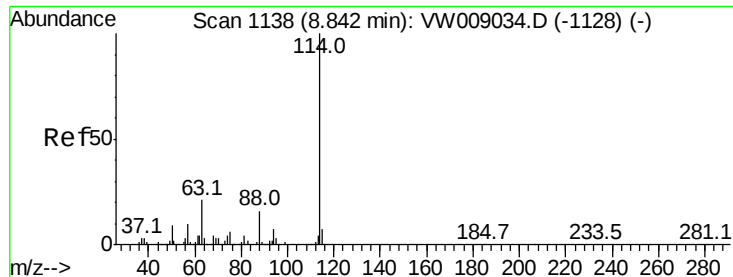
40000

20000

0

Time-->

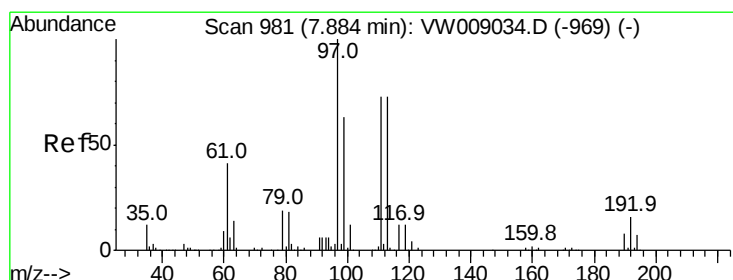
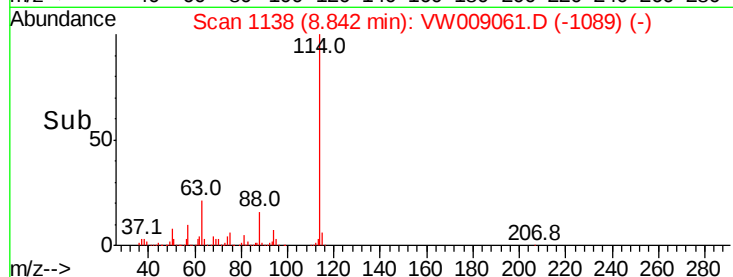
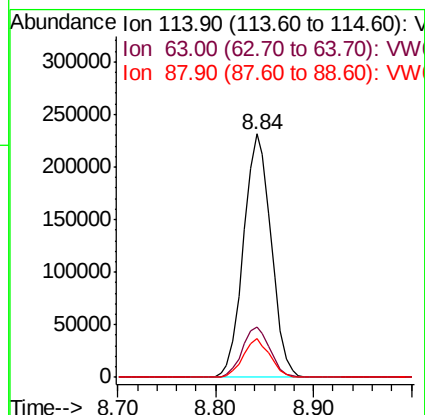
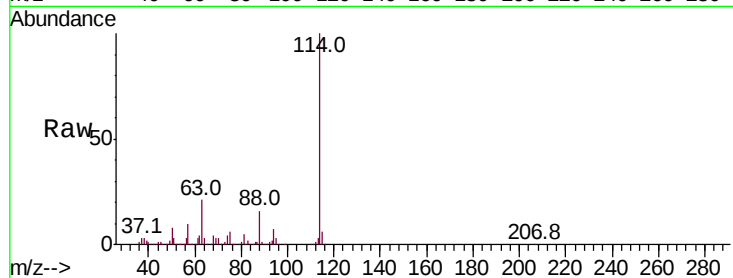




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009061.D
 Acq: 08 Mar 2019 18:10

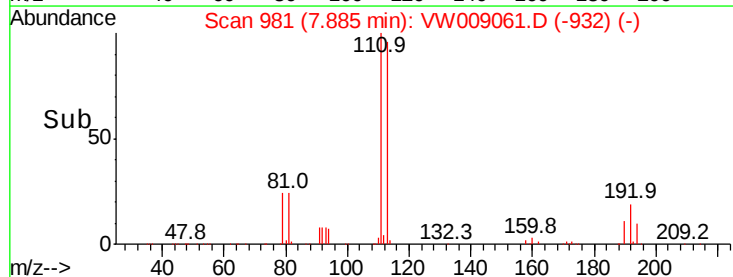
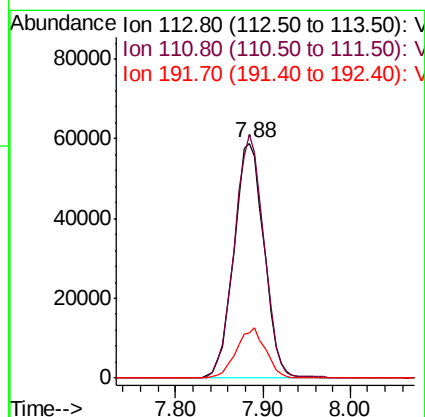
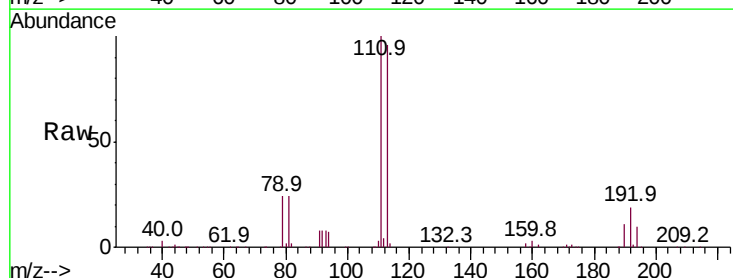
Instrument :
 MSVOA_W
 ClientSampled :
 SOIL-A

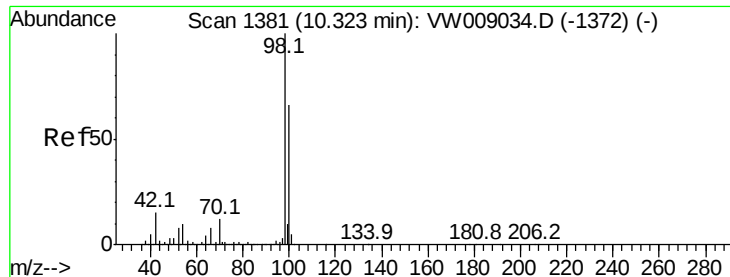
Tot Ion:114 Resp: 451083
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.2
 88 15.9 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 52.102 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009061.D
 Acq: 08 Mar 2019 18:10

Tgt Ion:113 Resp: 141505
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.0 121.4
 192 20.7 17.1 25.7





#50

Toluene-d8

Concen: 48.691 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009061.D

Acq: 08 Mar 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

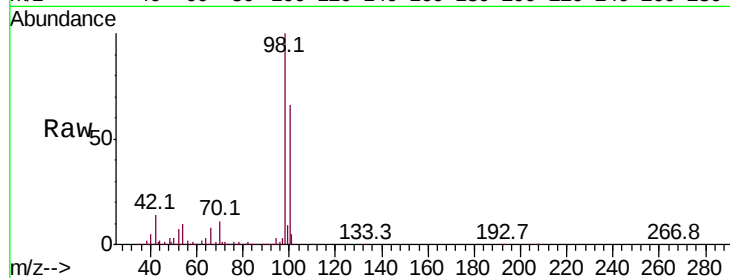
SOIL-A

Tot Ion: 98 Resp: 543139

Ion Ratio Lower Upper

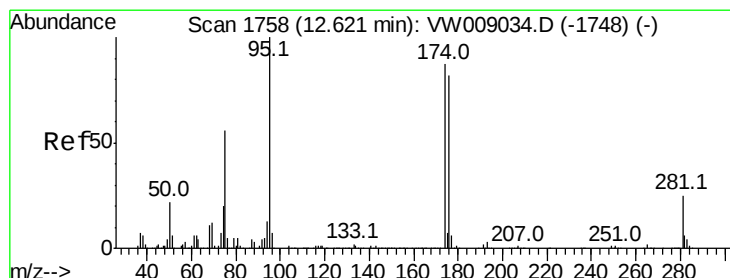
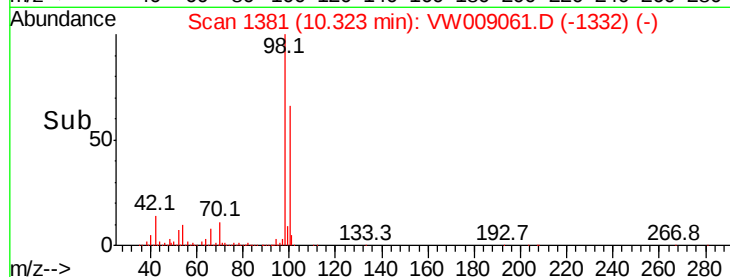
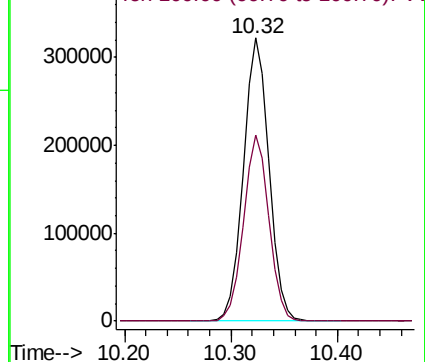
98 100

100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.312 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009061.D

Acq: 08 Mar 2019 18:10

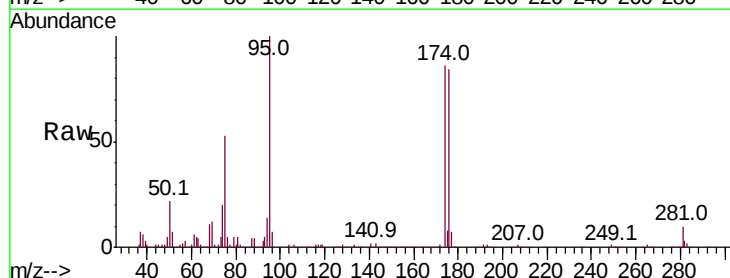
Tgt Ion: 95 Resp: 185798

Ion Ratio Lower Upper

95 100

174 85.3 0.0 167.0

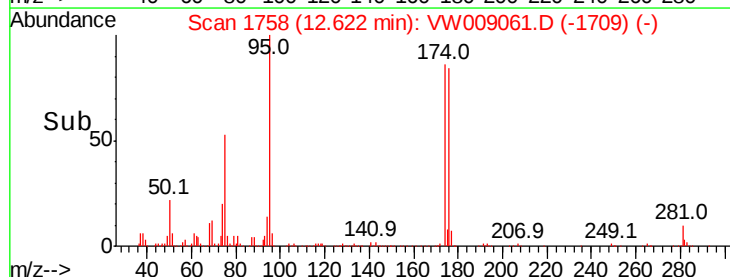
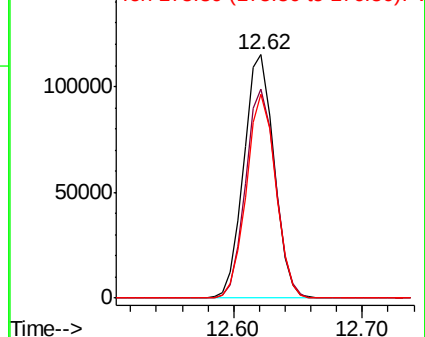
176 81.4 0.0 159.4

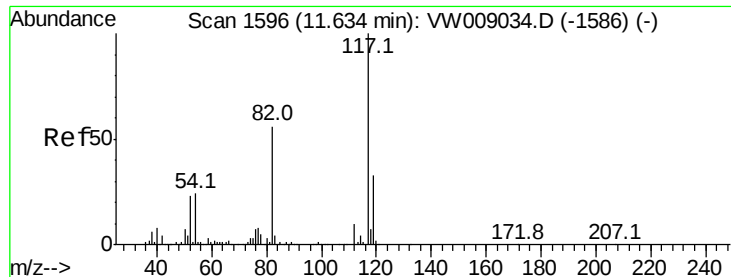


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

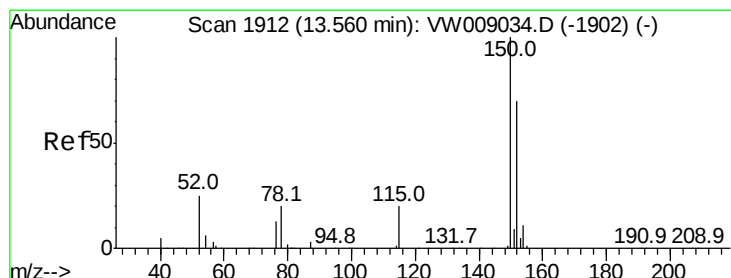
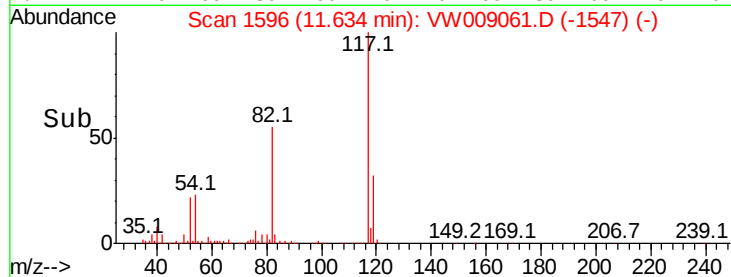
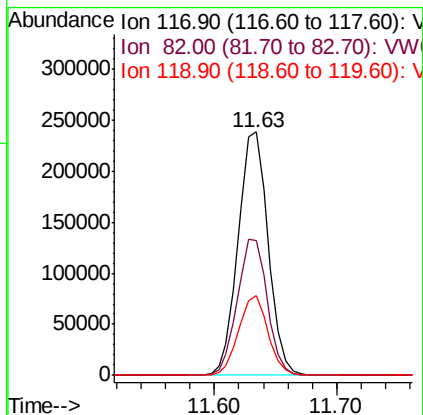
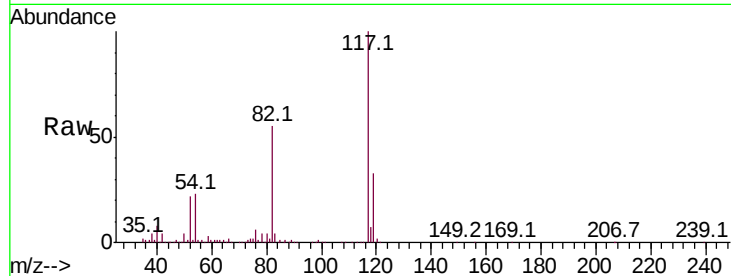




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009061.D
Acq: 08 Mar 2019 18:10

Instrument :
MSVOA_W
ClientSampled :
SOIL-A

Tot Ion:117 Resp: 405940
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.6
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009061.D
Acq: 08 Mar 2019 18:10

Tgt Ion:152 Resp: 189791
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 159.3 0.0 349.2

