

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005125.D
 Acq On : 05 Sep 2018 12:20
 Operator : SY/AP
 Sample : J4699-01
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CG-SOIL-1

Quant Time: Sep 05 13:50:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	568180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	860218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	738809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	296619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	252938	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.89	113	227547	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
50) Toluene-d8	10.33	98	1022394	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	12.62	95	318074	39.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.76%	

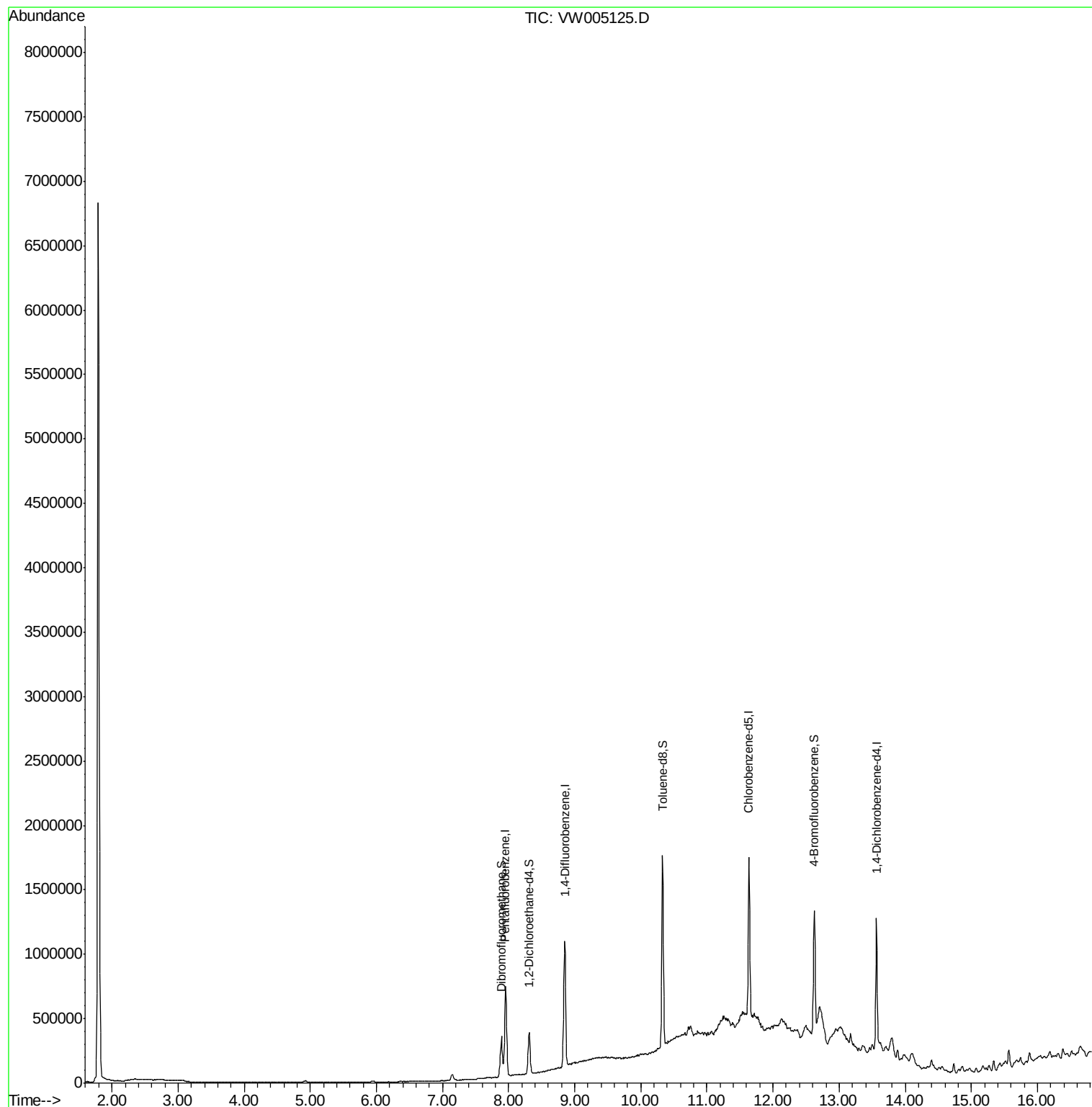
Target Compounds	Qvalue

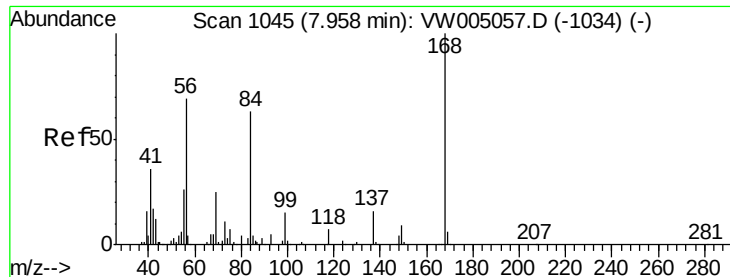
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005125.D

Acq: 05 Sep 2018 12:20

Instrument :

MSVOA_W

ClientSampled :

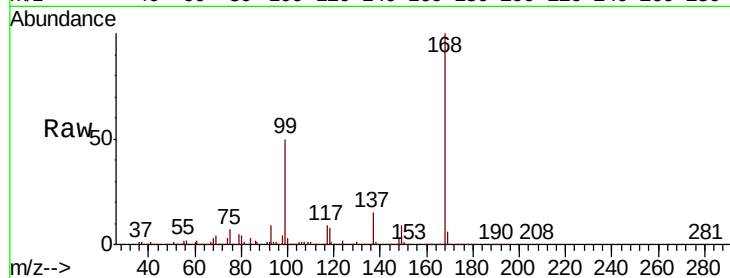
CG-SOIL-1

Tot Ion:168 Resp: 568180

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

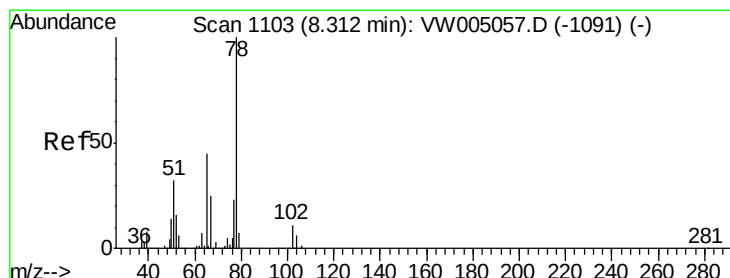
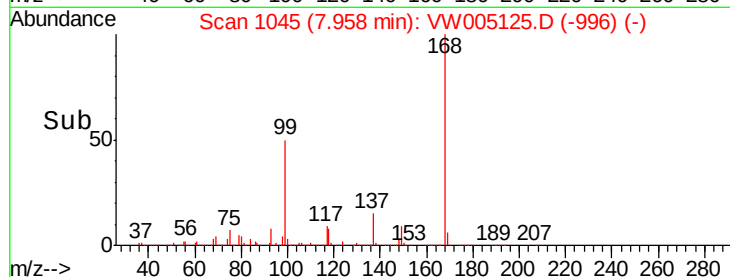
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 53.70 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005125.D

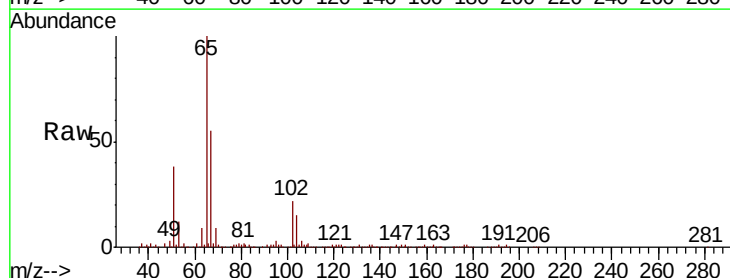
Acq: 05 Sep 2018 12:20

Tgt Ion: 65 Resp: 252938

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

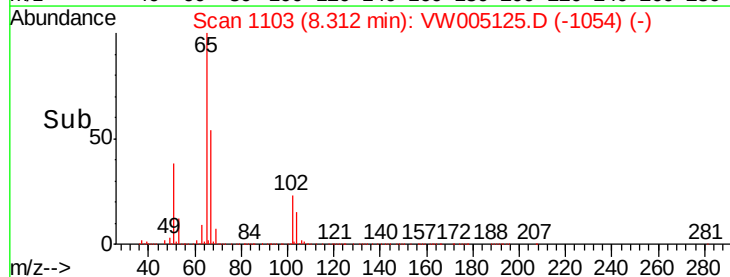
8.31

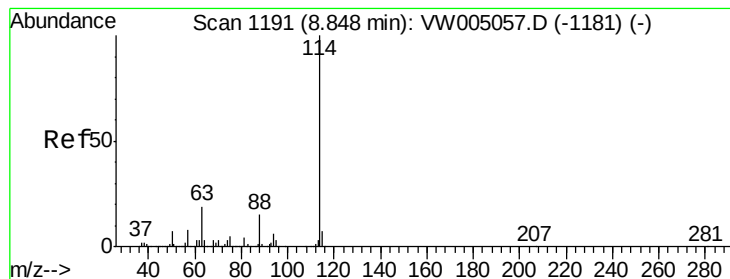
100000

50000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW005125.D

Acq: 05 Sep 2018 12:20

Instrument :

MSVOA_W

ClientSampleId :

CG-SOIL-1

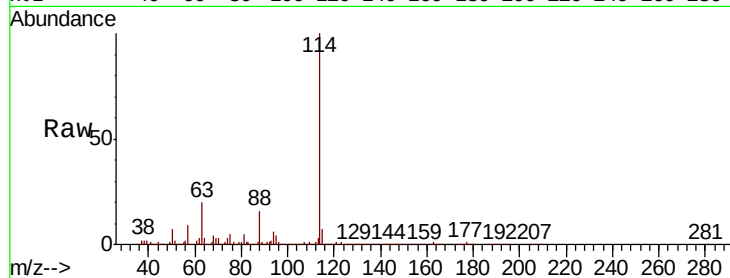
Tot Ion:114 Resp: 860218

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

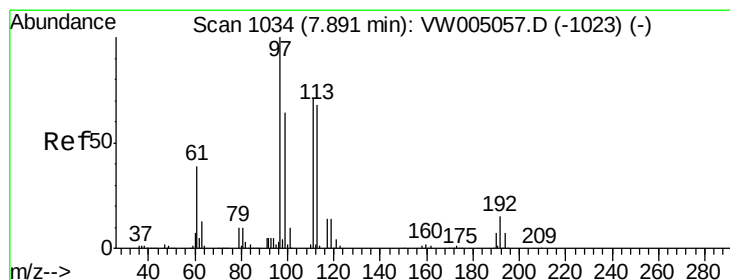
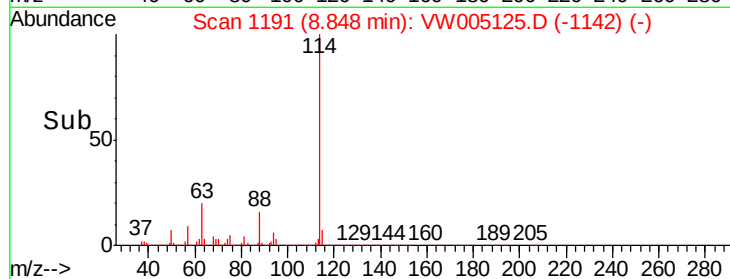
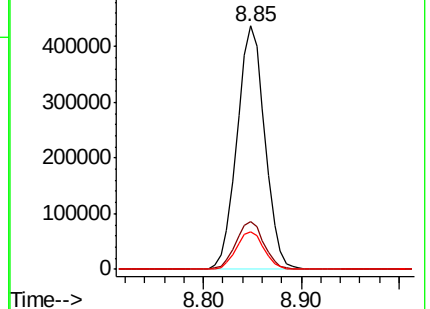
88 15.7 0.0 30.2



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: 45.77 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005125.D

Acq: 05 Sep 2018 12:20

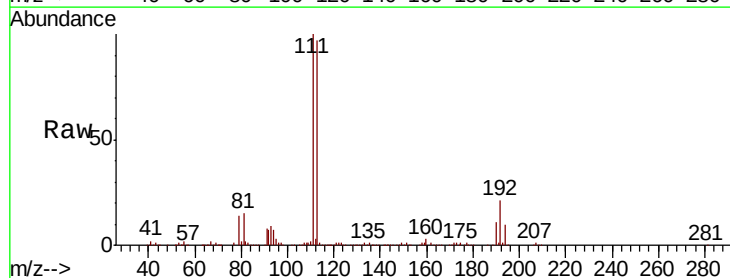
Tgt Ion:113 Resp: 227547

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

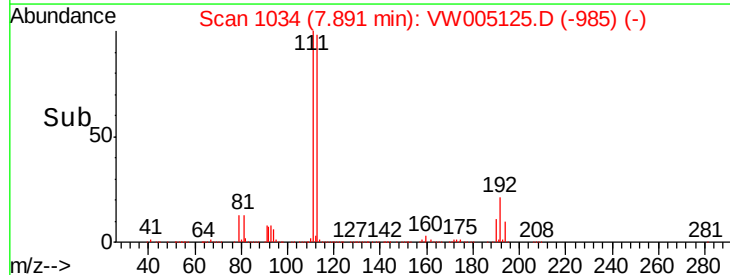
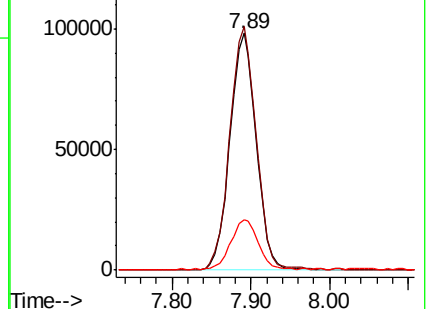
192 21.1 18.1 27.1

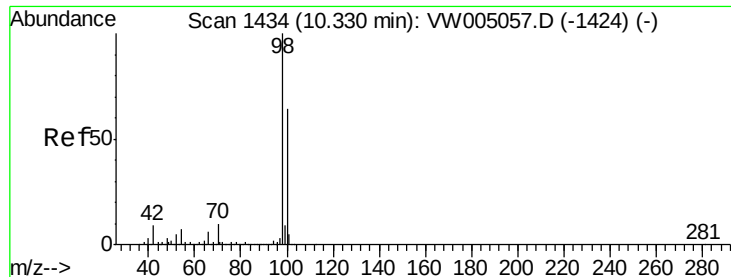


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.63 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005125.D

Acq: 05 Sep 2018 12:20

Instrument :

MSVOA_W

ClientSampleId :

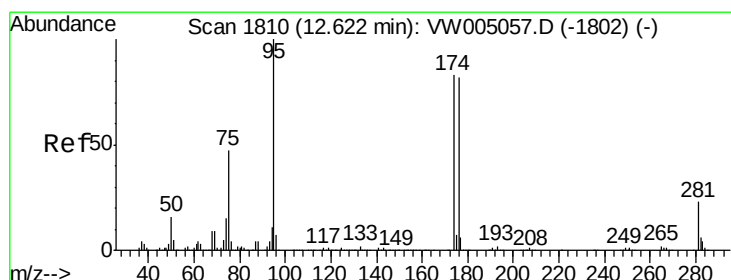
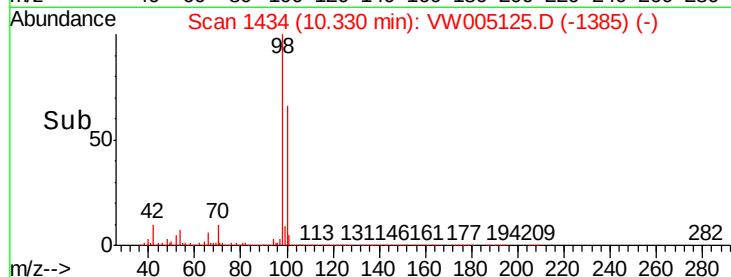
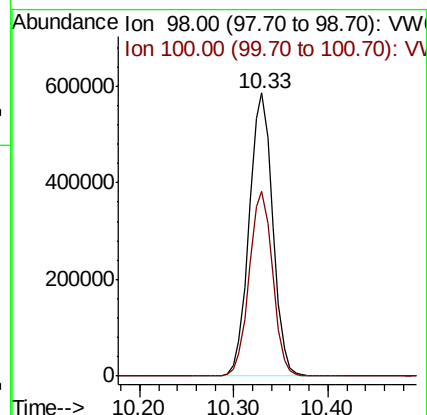
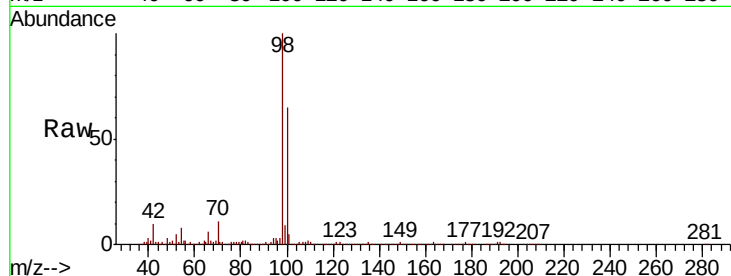
CG-SOIL-1

Tot Ion: 98 Resp: 1022394

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 39.38 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005125.D

Acq: 05 Sep 2018 12:20

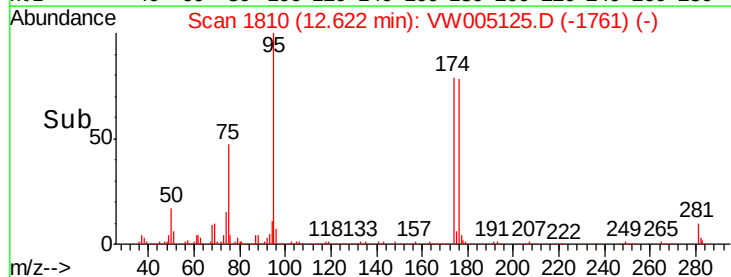
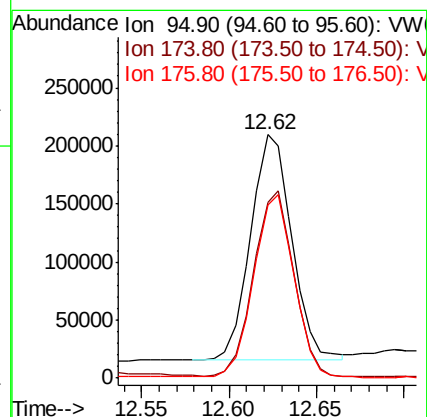
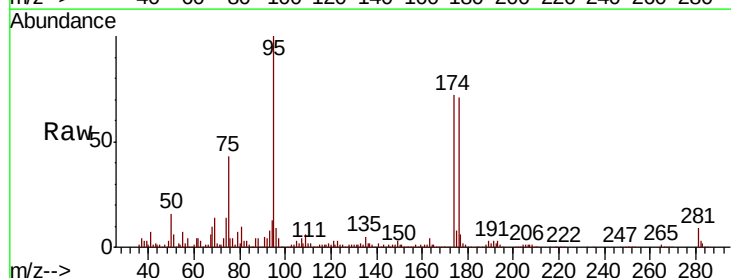
Tgt Ion: 95 Resp: 318074

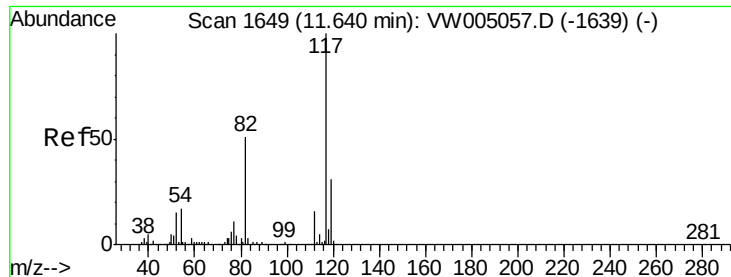
Ion Ratio Lower Upper

95 100

174 80.4 0.0 173.4

176 79.2 0.0 167.4

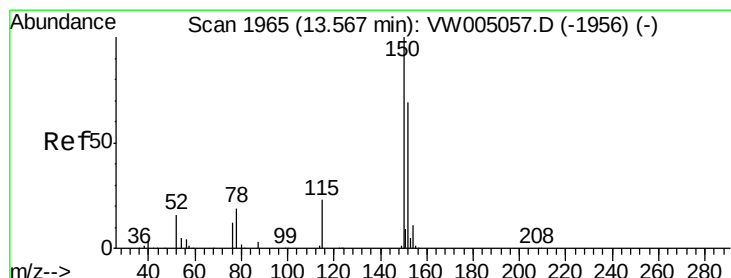
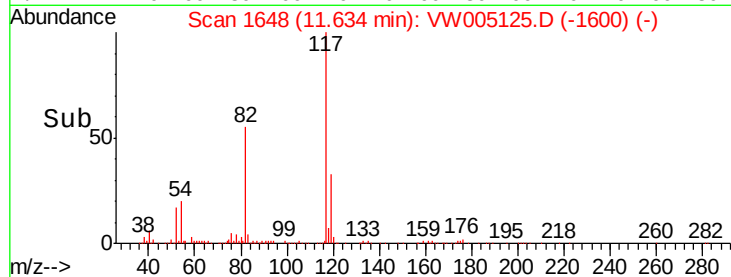
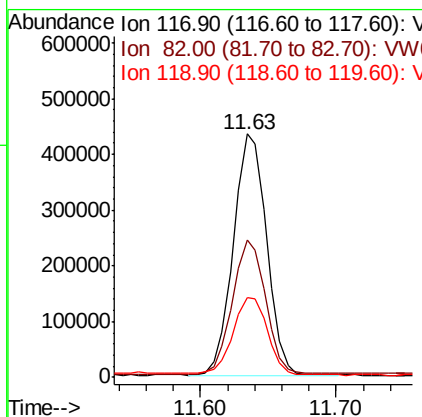
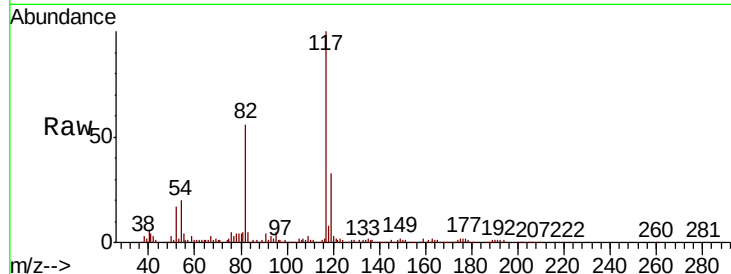




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005125.D
Acq: 05 Sep 2018 12:20

Instrument :
MSVOA_W
ClientSampled :
CG-SOIL-1

Tot Ion:117 Resp: 738809
Ion Ratio Lower Upper
117 100
82 55.3 40.9 61.3
119 32.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005125.D
Acq: 05 Sep 2018 12:20

Tgt Ion:152 Resp: 296619
Ion Ratio Lower Upper
152 100
115 57.1 27.8 83.4
150 154.1 0.0 351.4

