

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004816.D
 Acq On : 21 Aug 2018 03:44
 Operator : SY/AP
 Sample : J4516-01
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ND-SOIL

Quant Time: Aug 21 07:42:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	551401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	906035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	765608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	255504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	307636	57.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.42%	
35) Dibromofluoromethane	7.89	113	309511	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.33	98	1050497	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.63	95	279383	34.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.70%	

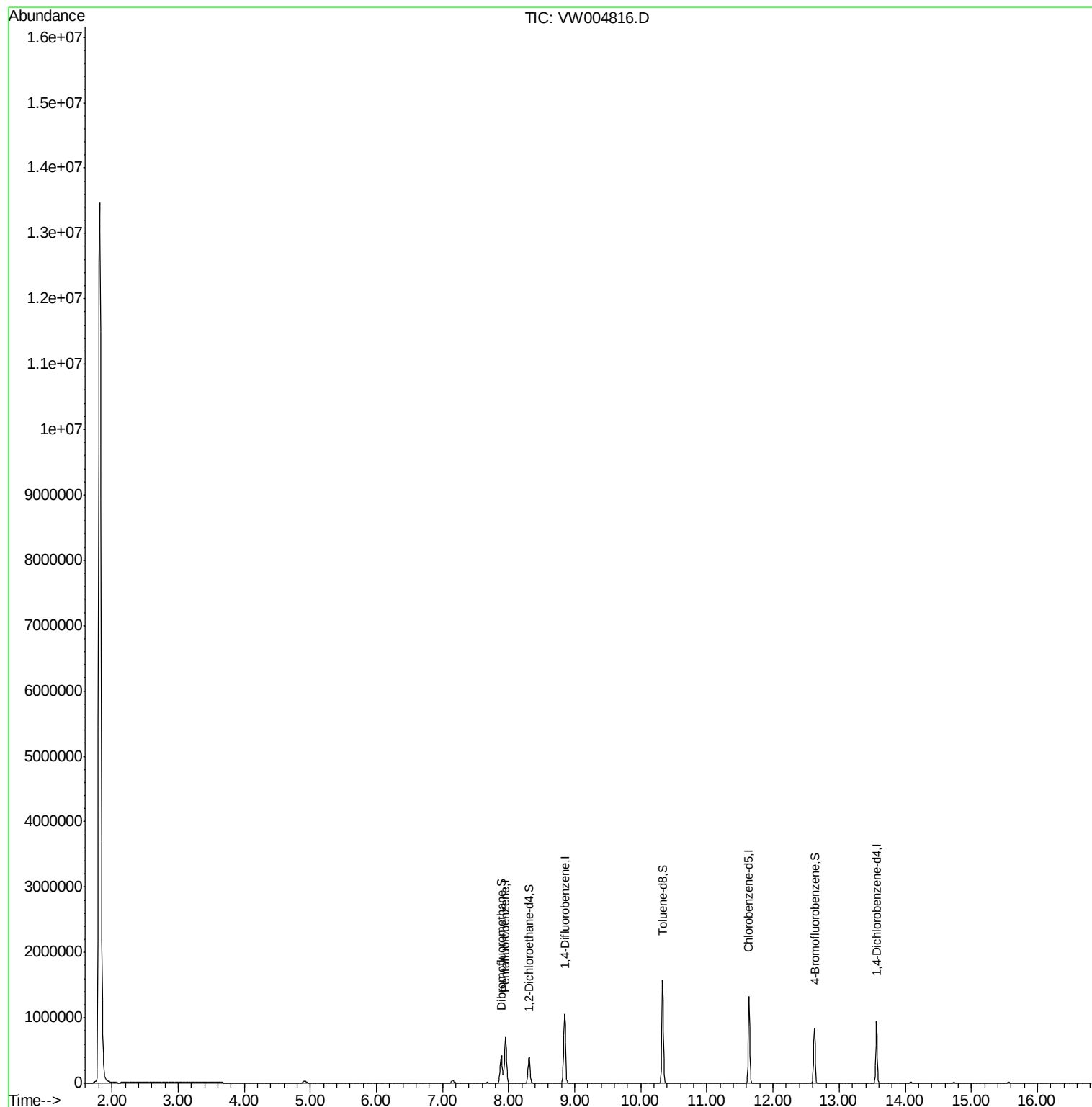
Target Compounds	Qvalue
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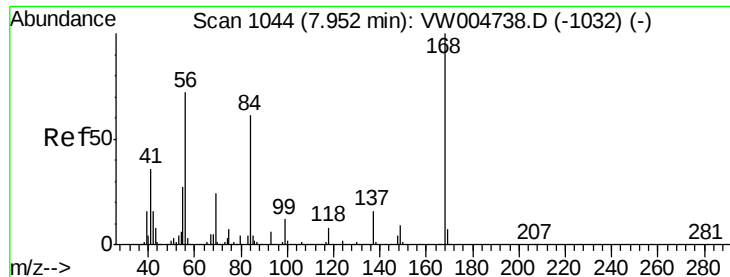
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004816.D

Acq: 21 Aug 2018 03:44

Instrument :

MSVOA_W

ClientSampled :

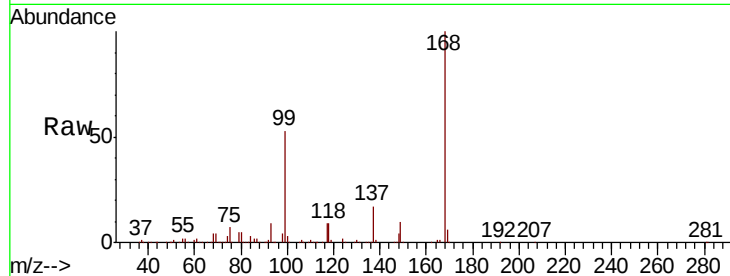
ND-SOIL

Tot Ion:168 Resp: 551401

Ion Ratio Lower Upper

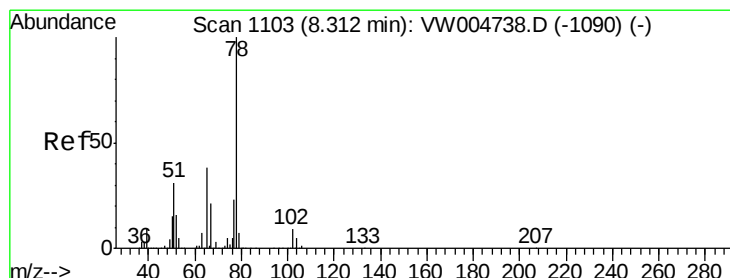
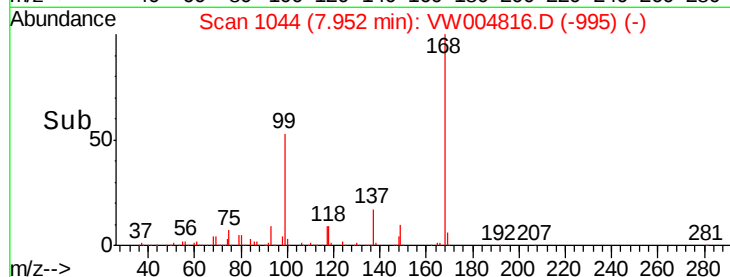
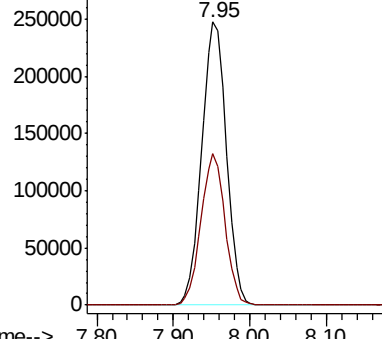
168 100

99 53.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.71 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004816.D

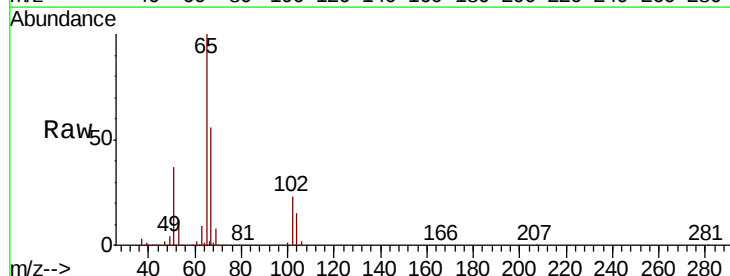
Acq: 21 Aug 2018 03:44

Tgt Ion: 65 Resp: 307636

Ion Ratio Lower Upper

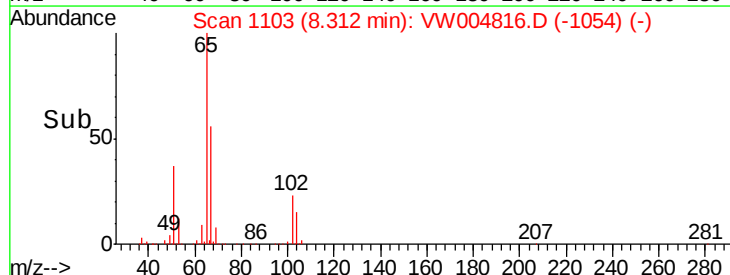
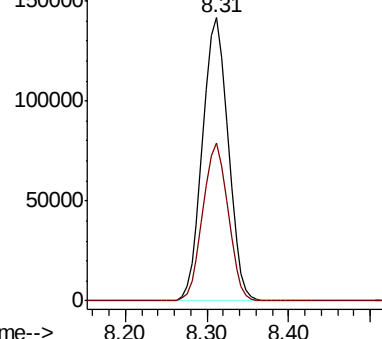
65 100

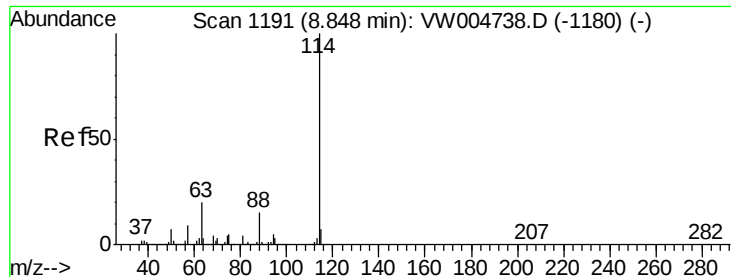
67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

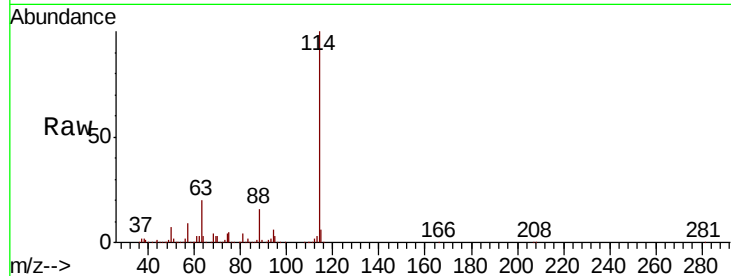




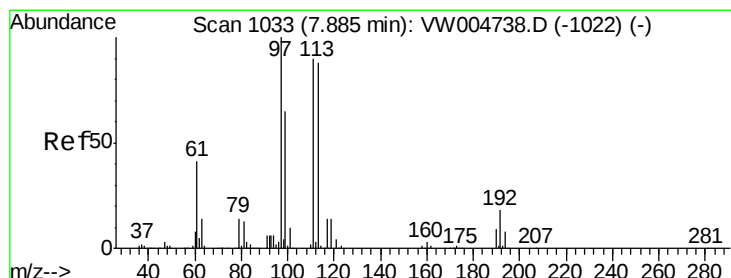
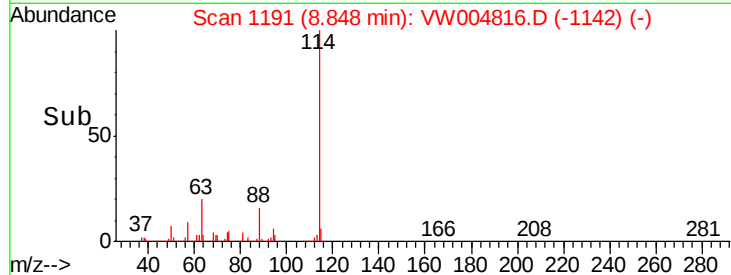
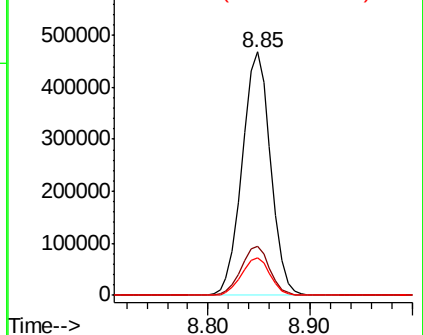
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004816.D
 Acq: 21 Aug 2018 03:44

Instrument :
 MSVOA_W
 ClientSampleId :
 ND-SOIL

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.5	0.0	30.0

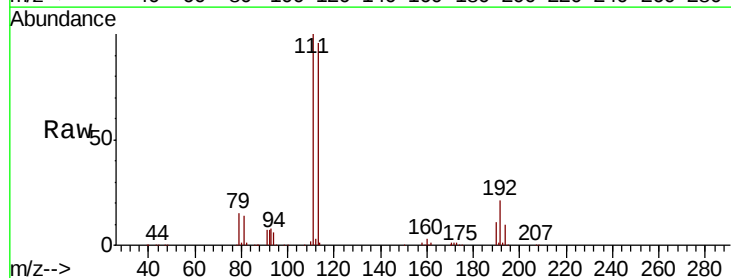


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

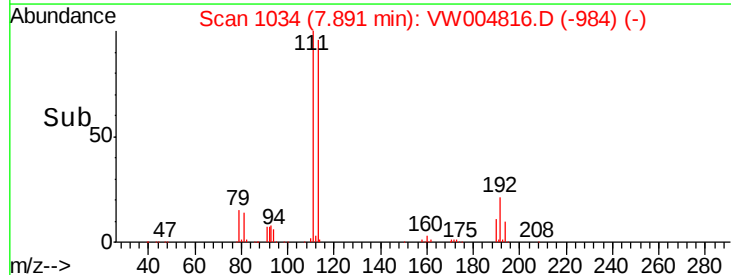
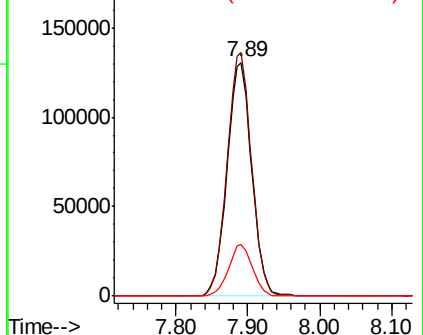


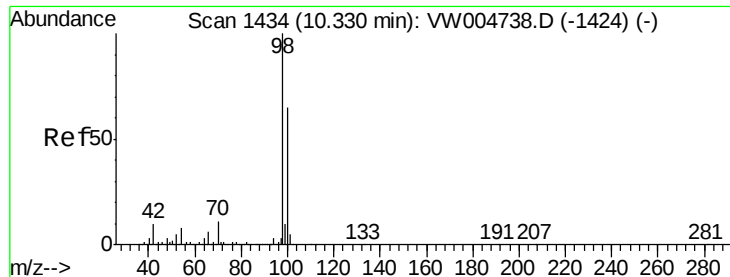
#35
 Dibromofluoromethane
 Concen: 53.45 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004816.D
 Acq: 21 Aug 2018 03:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	21.6	16.7	25.1



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: 46.47 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004816.D

Acq: 21 Aug 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

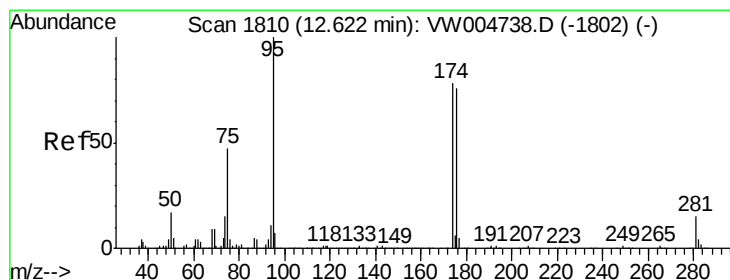
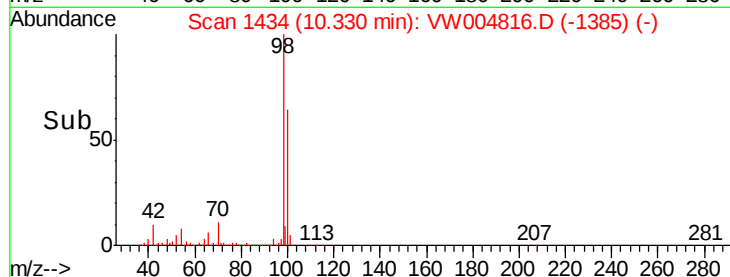
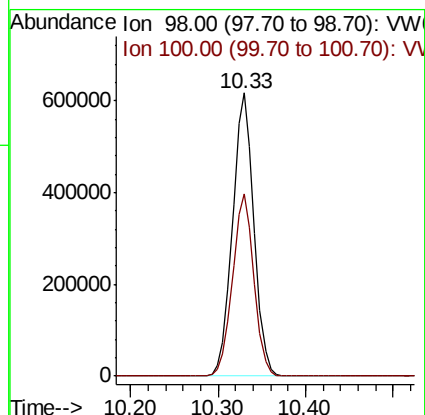
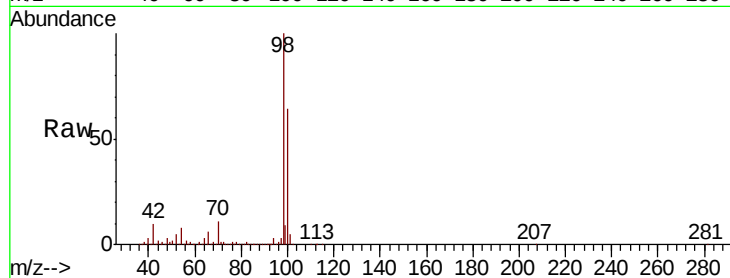
ND-SOIL

Tot Ion: 98 Resp: 1050497

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 34.35 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004816.D

Acq: 21 Aug 2018 03:44

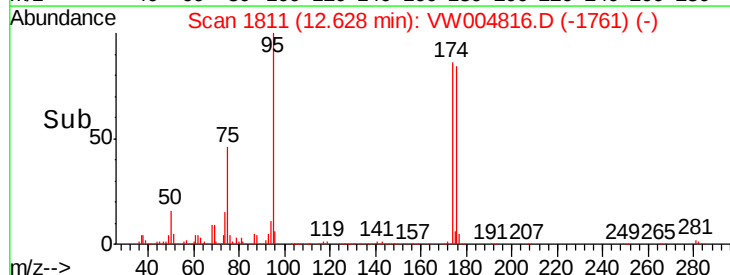
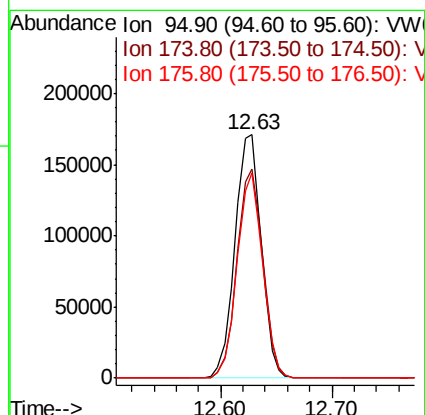
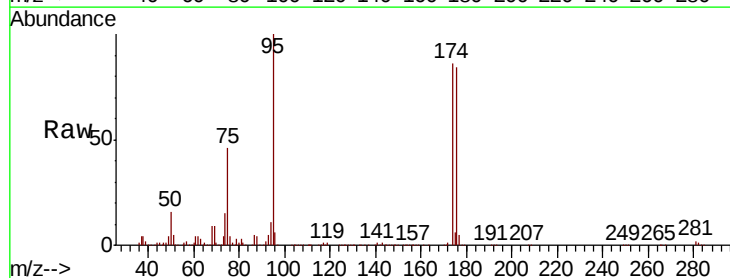
Tgt Ion: 95 Resp: 279383

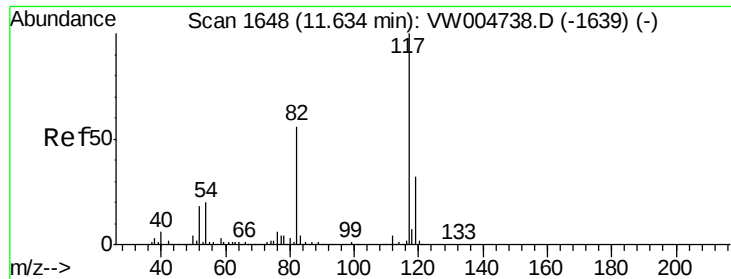
Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

176 81.6 0.0 159.8

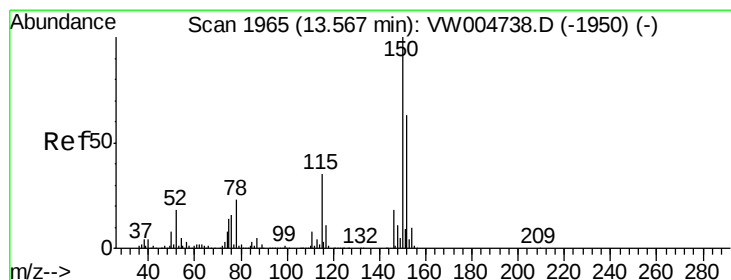
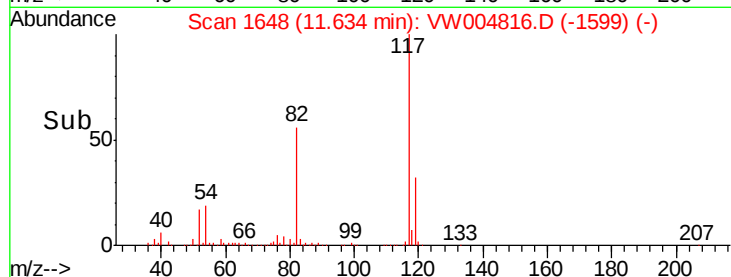
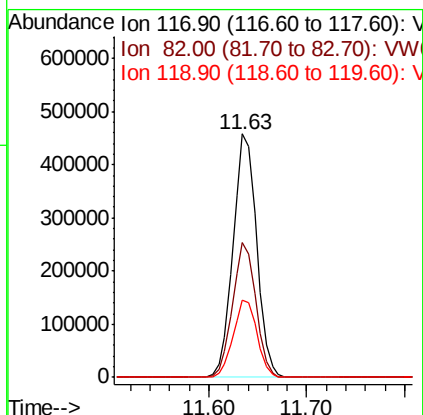
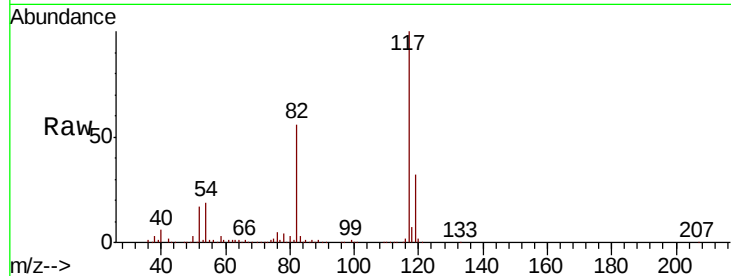




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004816.D
Acq: 21 Aug 2018 03:44

Instrument :
MSVOA_W
ClientSampleId :
ND-SOIL

Tot Ion:117 Resp: 765608
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004816.D
Acq: 21 Aug 2018 03:44

Tgt Ion:152 Resp: 255504
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 159.1 0.0 344.8

