

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008181.D
 Acq On : 11 Jan 2019 07:20
 Operator : SY/AP
 Sample : K1100-07
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-DRUM-D

Quant Time: Jan 11 07:49:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

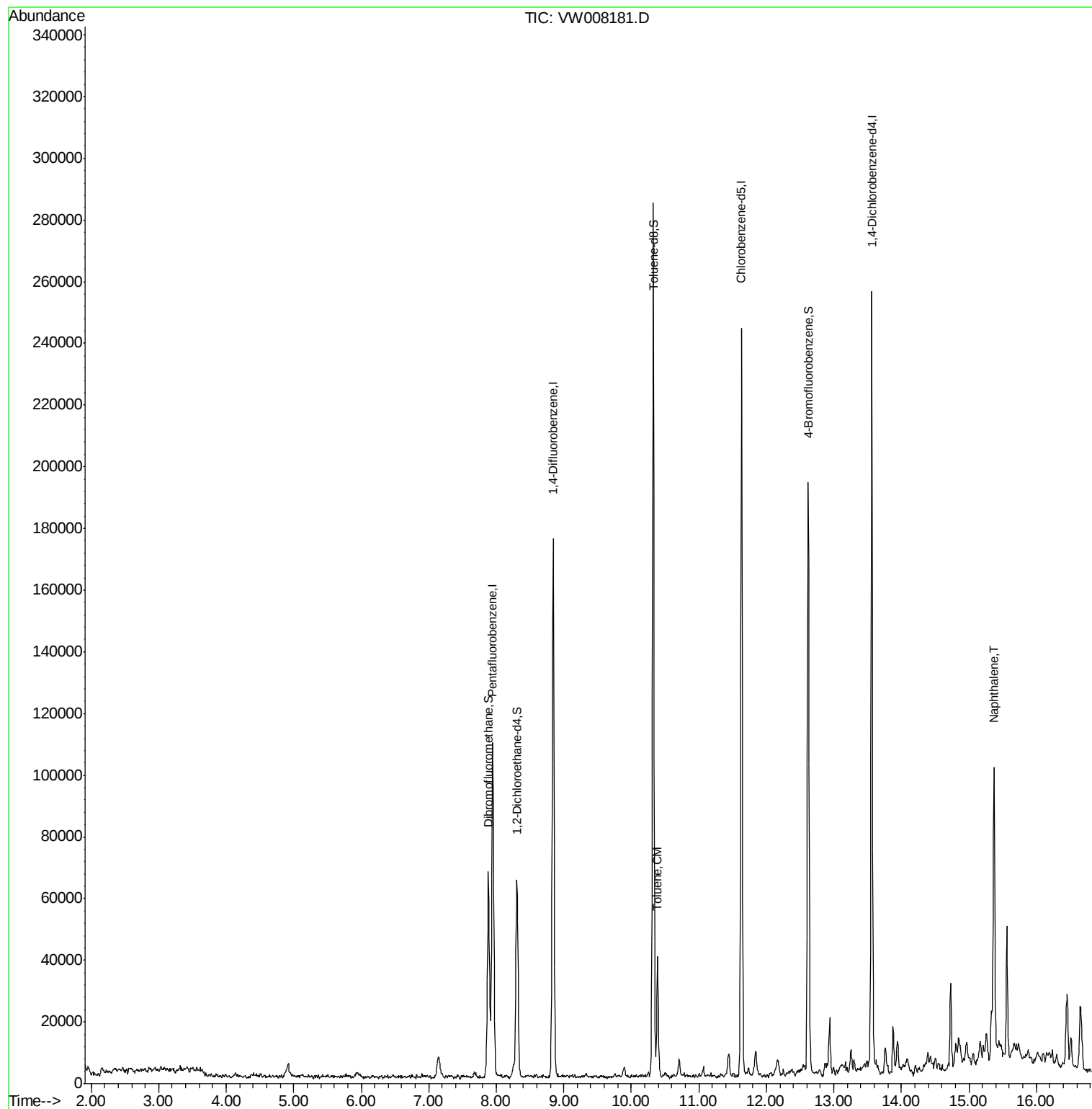
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48057	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
35) Dibromofluoromethane	7.88	113	44474	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
50) Toluene-d8	10.32	98	182001	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.62	95	62845	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
52) Toluene	10.39	92	16075	6.486	ug/l	98
95) Naphthalene	15.37	128	79915	36.038	ug/l	98

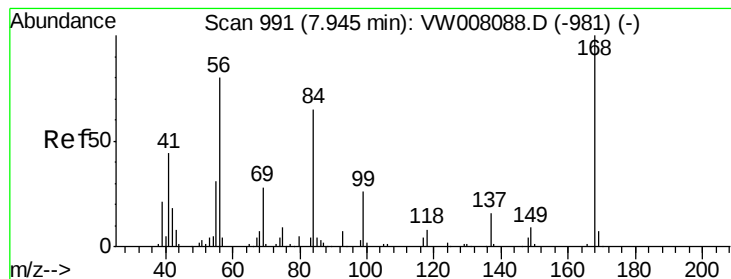
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 11 Jan 2019 07:20

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MSVOA_W

ClientSampleId :

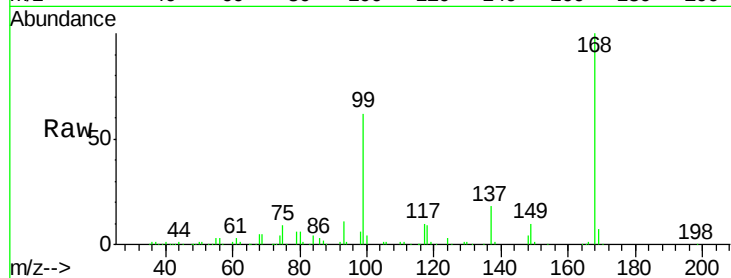
SOIL-DRUM-D

Tot Ion:168 Resp: 75316

Ion Ratio Lower Upper

168 100

99 61.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

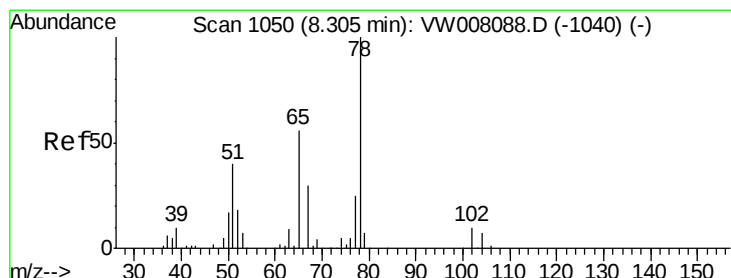
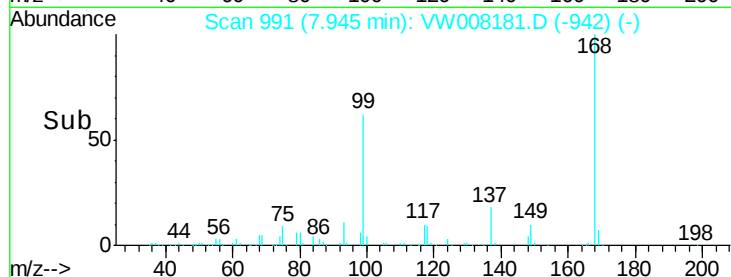
20000

10000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.772 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008181.D

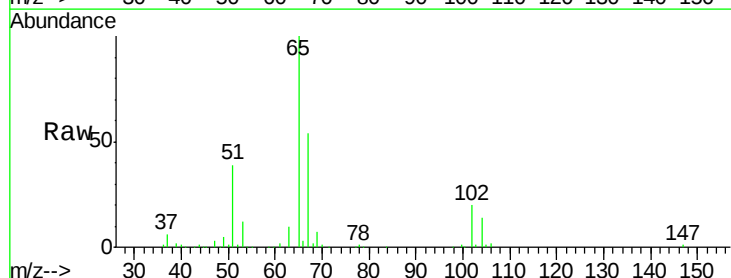
Acq: 11 Jan 2019 07:20

Tgt Ion: 65 Resp: 48057

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

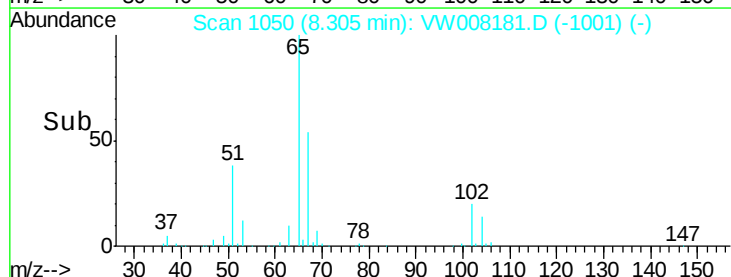
10000

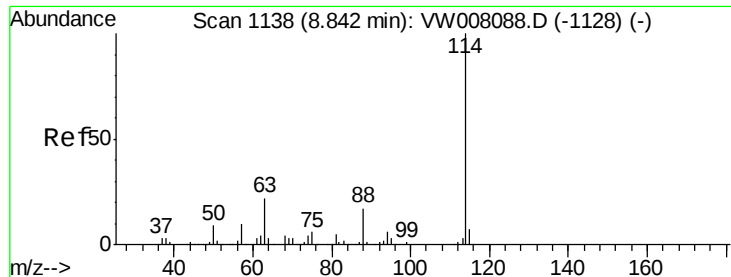
5000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008181.D

Acq: 11 Jan 2019 07:20

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM-D

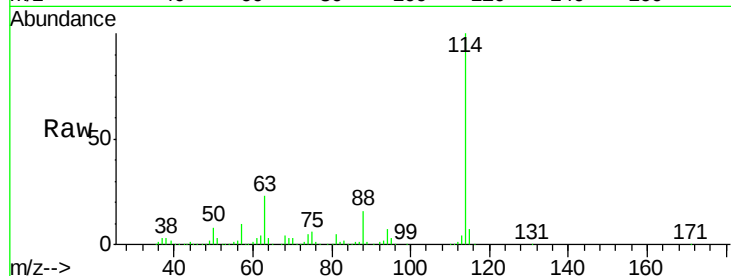
Tot Ion:114 Resp: 138891

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

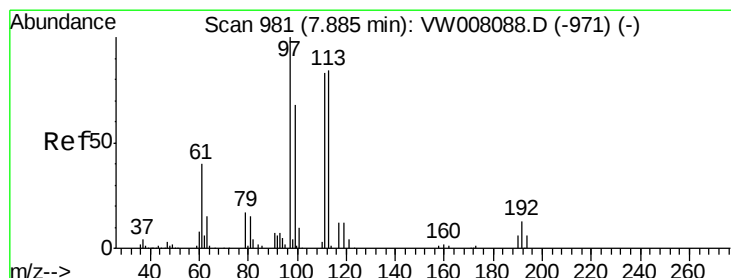
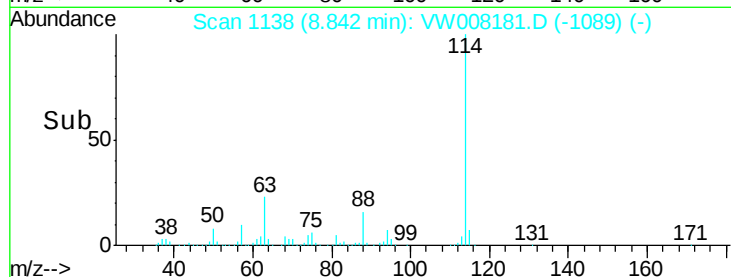
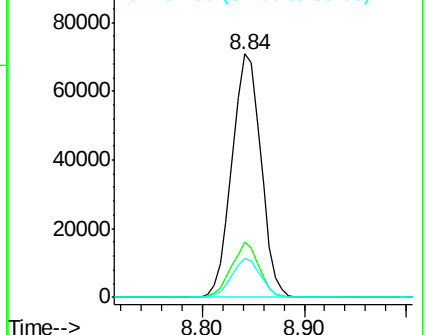
88 15.8 0.0 33.4



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: 54.902 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008181.D

Acq: 11 Jan 2019 07:20

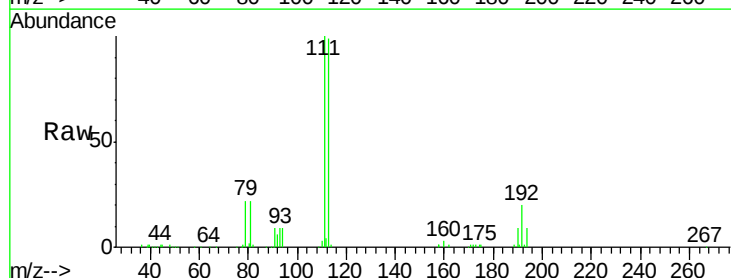
Tgt Ion:113 Resp: 44474

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

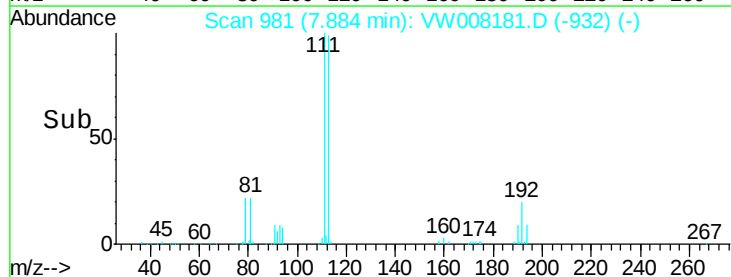
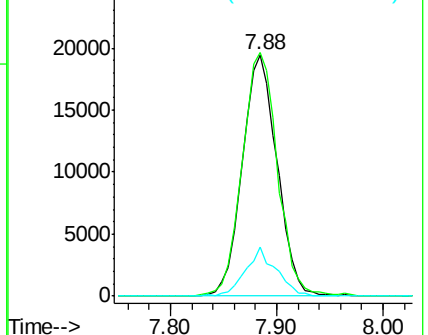
192 17.9 12.8 19.2

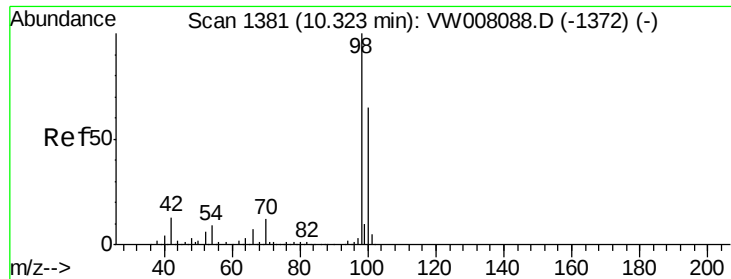


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

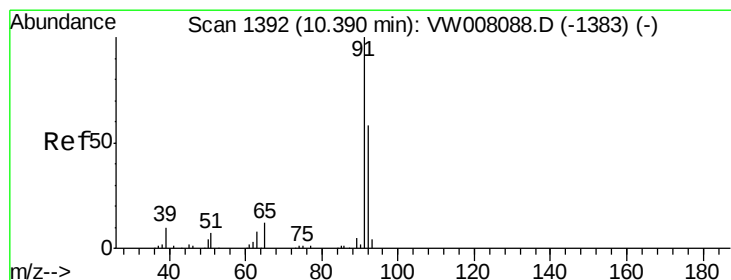
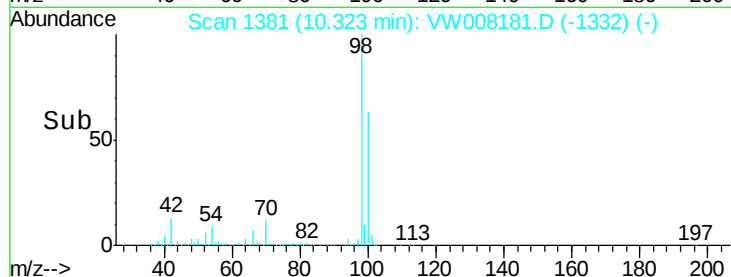
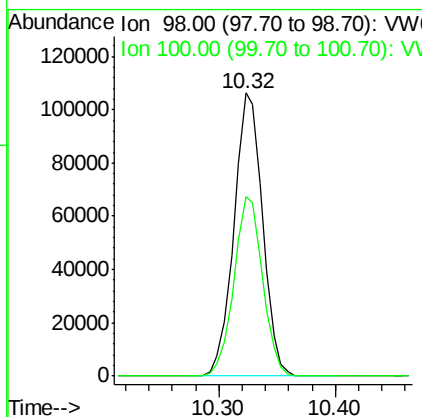
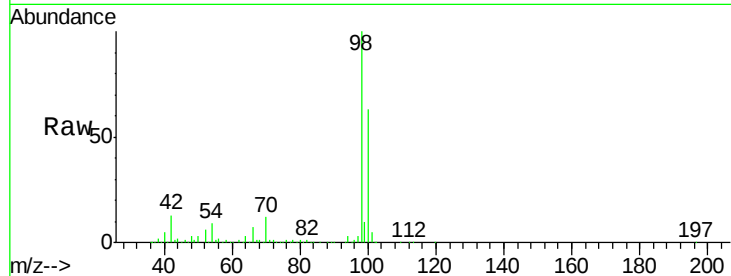




#50
Toluene-d8
Concen: 53.540 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008181.D
Acq: 11 Jan 2019 07:20

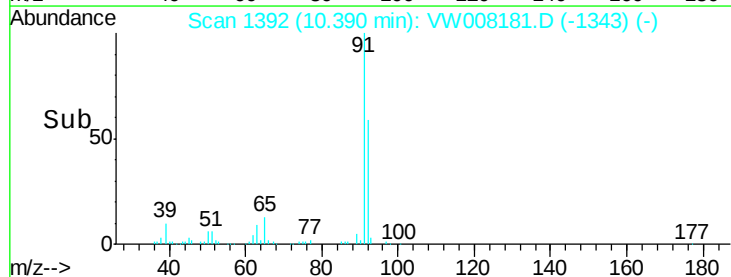
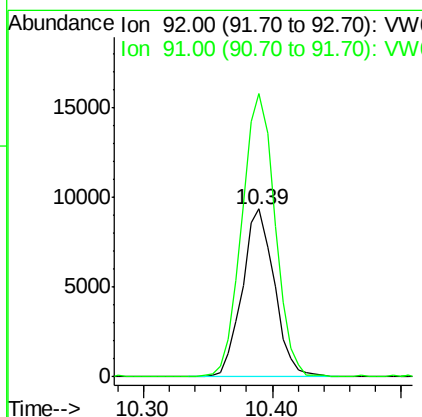
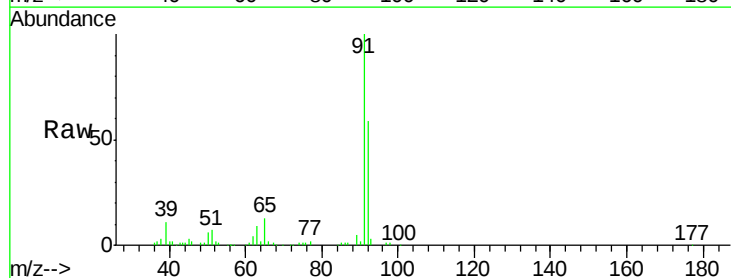
Instrument :
MSVOA_W
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SOIL-DRUM-D

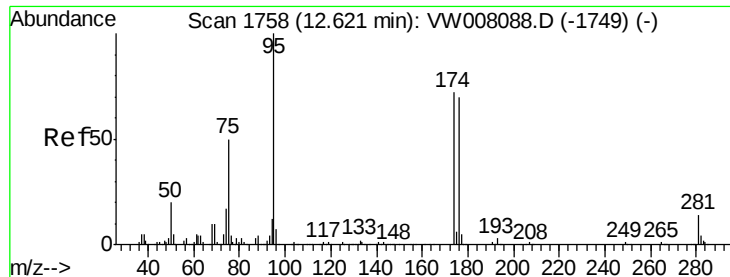
Tot Ion: 98 Resp: 182001
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#52
Toluene
Concen: 6.486 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008181.D
Acq: 11 Jan 2019 07:20

Tgt Ion: 92 Resp: 16075
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.4

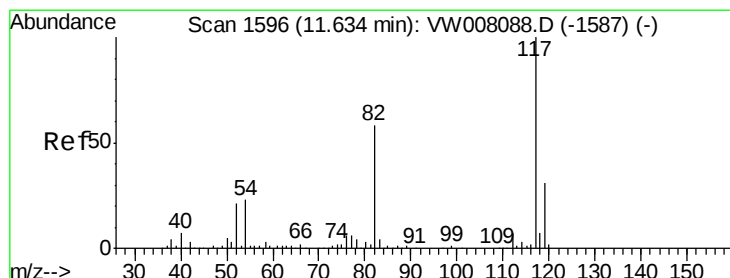
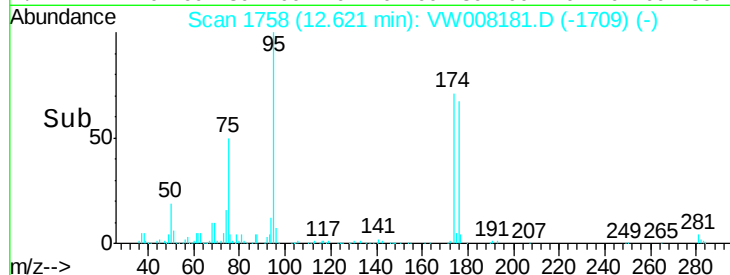
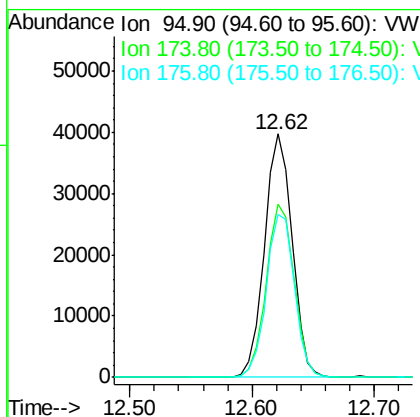
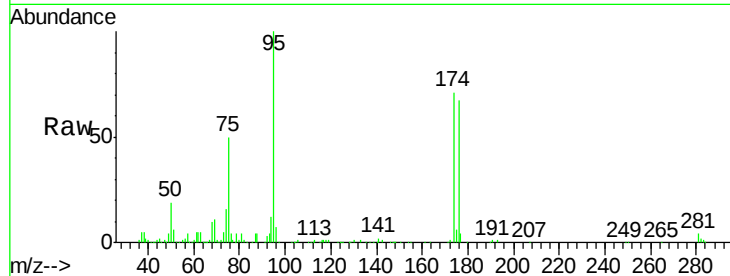




#62
4-Bromofluorobenzene
Concen: 51.569 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008181.D
Acq: 11 Jan 2019 07:20

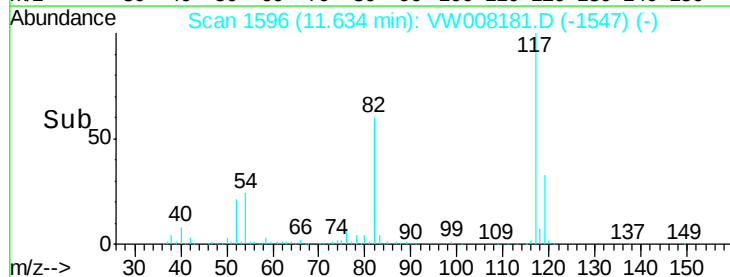
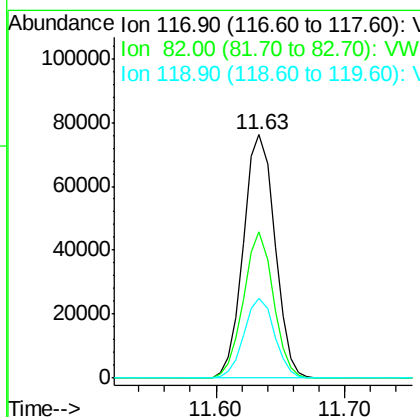
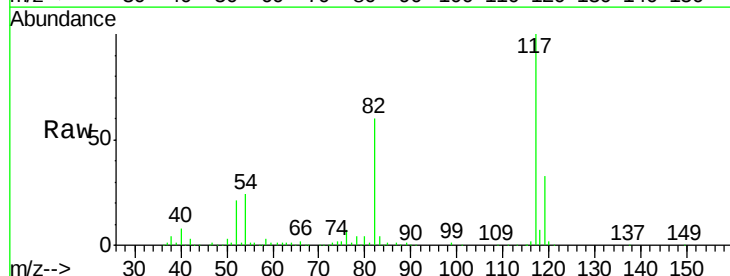
Instrument :
MSVOA_W
ClientSampleId :
SOIL-DRUM-D

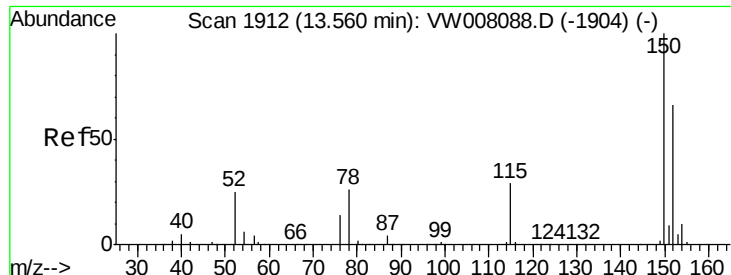
Tot Ion: 95 Resp: 62845
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.0
176 67.6 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008181.D
Acq: 11 Jan 2019 07:20

Tgt Ion: 117 Resp: 128413
Ion Ratio Lower Upper
117 100
82 59.9 46.4 69.6
119 32.5 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008181.D

Acq: 11 Jan 2019 07:20

Instrument :

MSVOA_W

ClientSampleId :

SOIL-DRUM-D

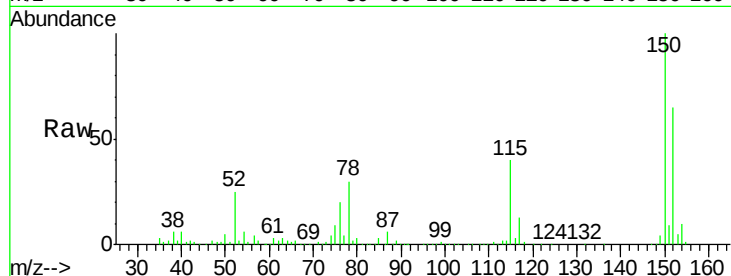
Tot Ion:152 Resp: 60485

Ion Ratio Lower Upper

152 100

115 60.7 30.8 92.4

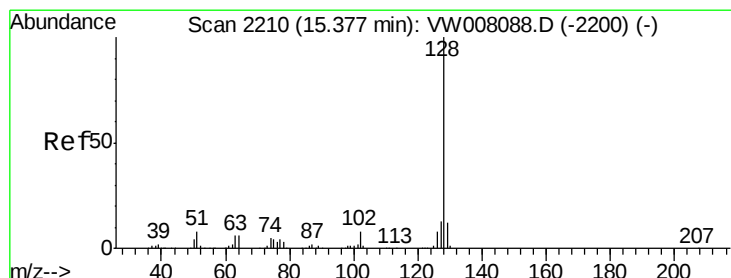
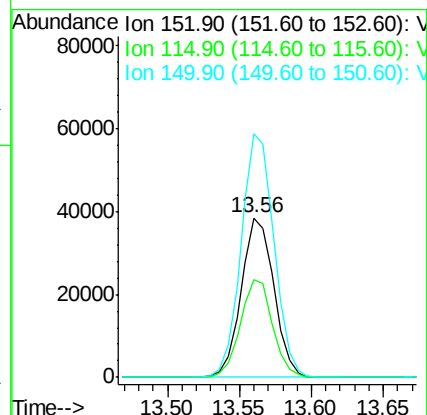
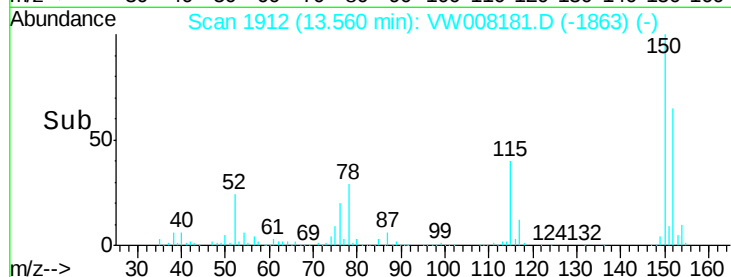
150 153.9 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 36.038 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008181.D

Acq: 11 Jan 2019 07:20

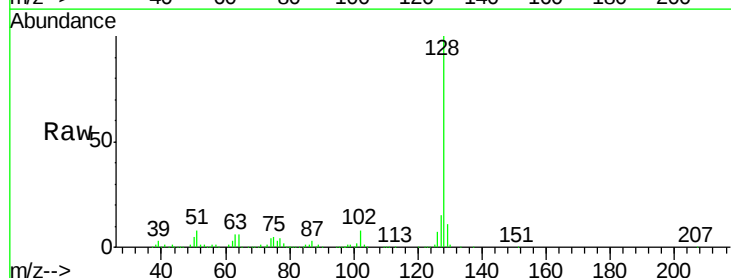
Tgt Ion:128 Resp: 79915

Ion Ratio Lower Upper

128 100

127 14.4 11.0 16.4

129 10.5 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

