

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066868.D
 Acq On : 25 Sep 2020 12:31
 Operator : VA/SY
 Sample : L4148-01
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CTB-WEST-SOIL-(MERL)

Quant Time: Sep 25 14:33:58 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

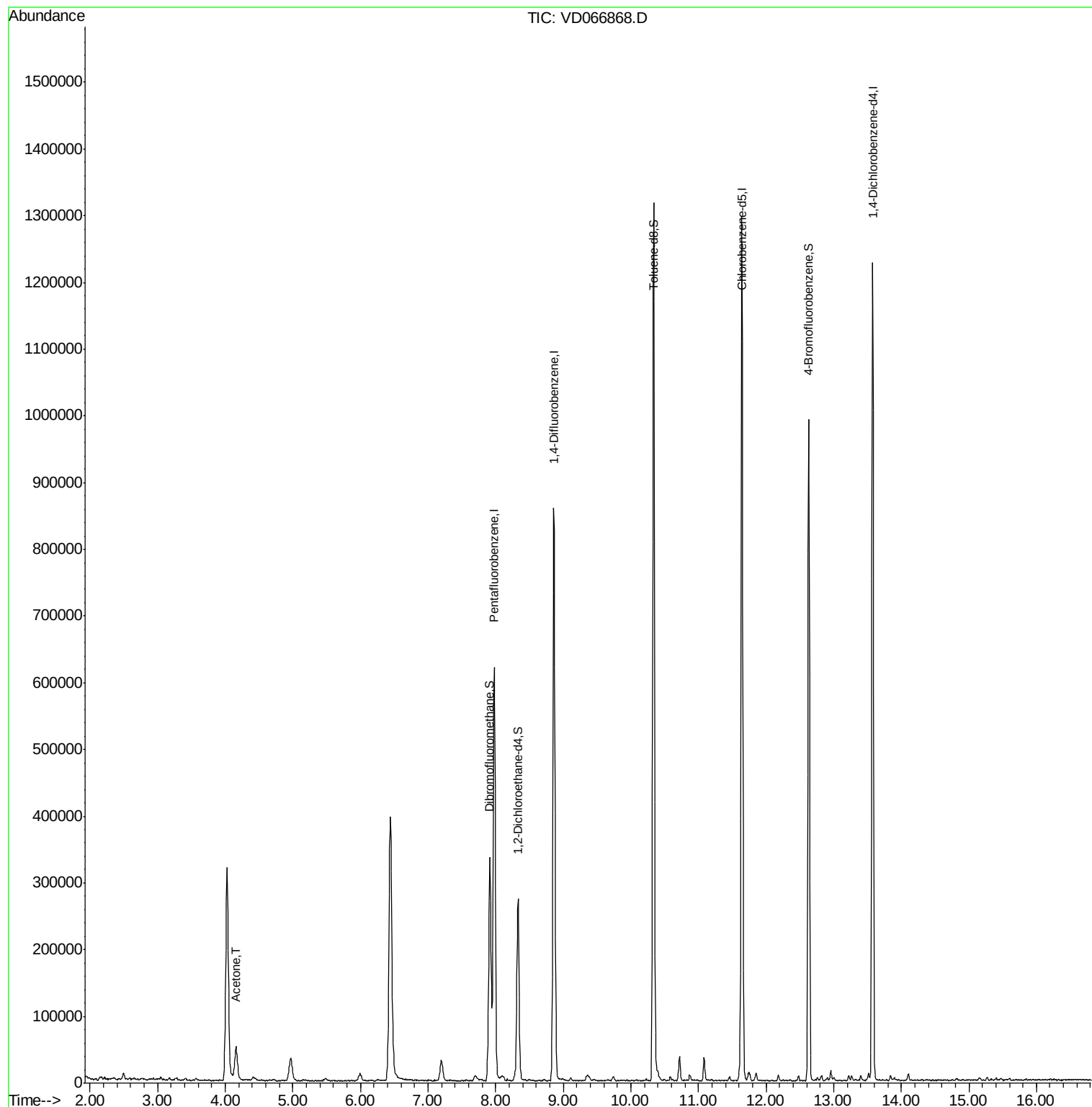
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	441334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	746007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	743015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	322479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	223761	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	7.91	113	239443	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.34	98	884630	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
62) 4-Bromofluorobenzene	12.63	95	312231	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
Target Compounds						
16) Acetone	4.16	43	85798	93.632	ug/l	Qvalue 99

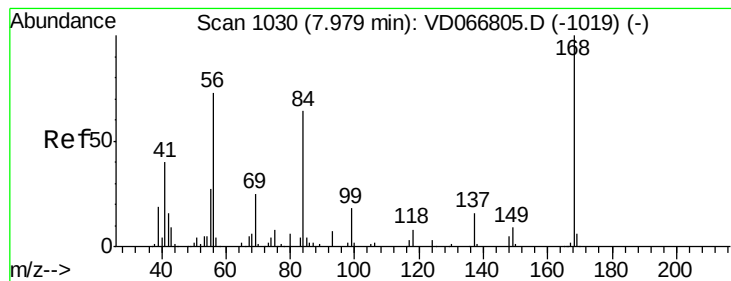
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066868.D

Acq: 25 Sep 2020 12:31

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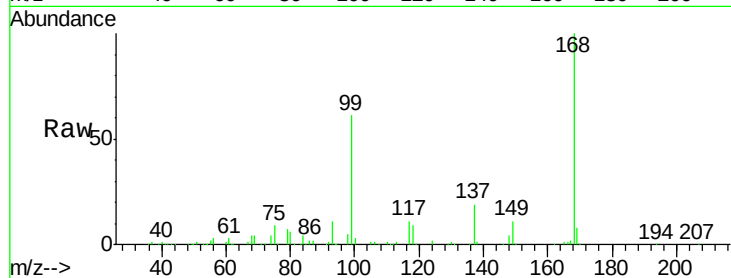
CTB-WEST-SOIL-(MERL)

Tot Ion:168 Resp: 441334

Ion Ratio Lower Upper

168 100

99 60.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

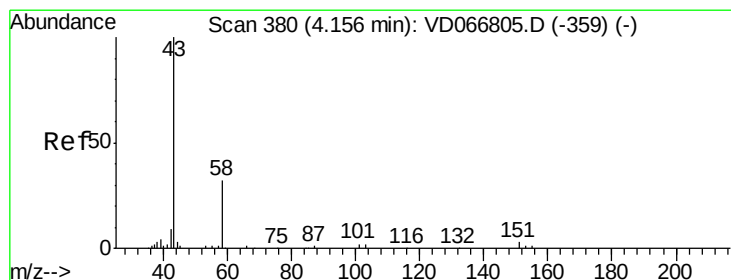
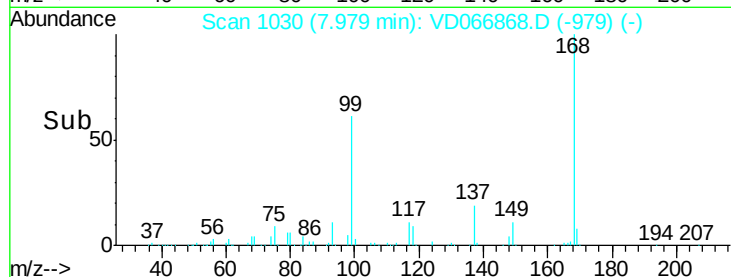
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 93.632 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066868.D

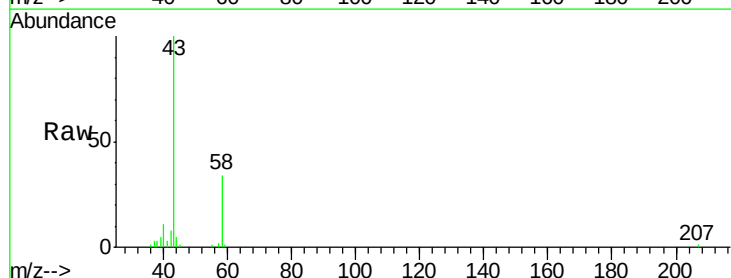
Acq: 25 Sep 2020 12:31

Tgt Ion: 43 Resp: 85798

Ion Ratio Lower Upper

43 100

58 31.5 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

200000

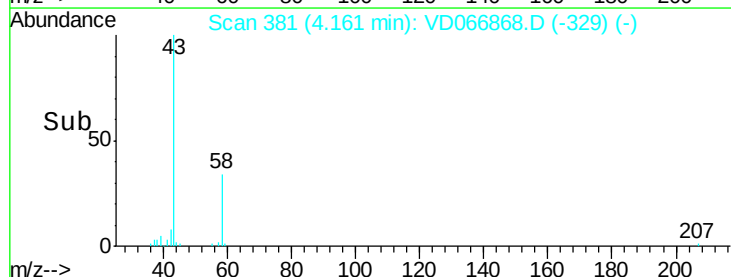
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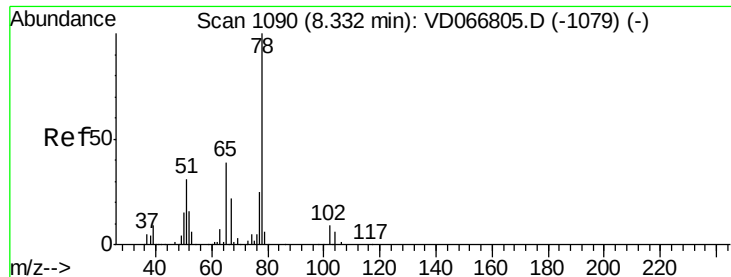
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Time-->

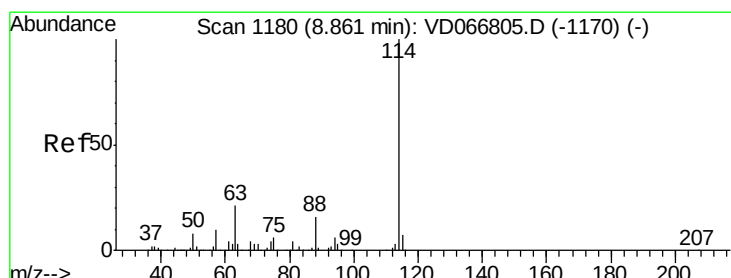
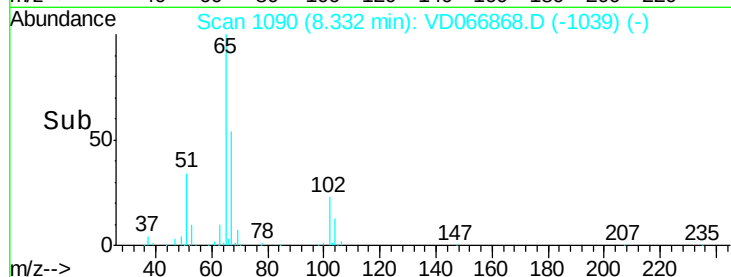
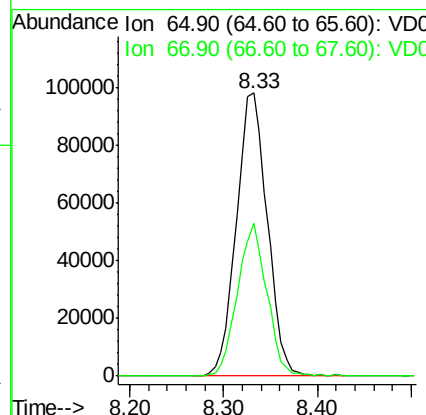
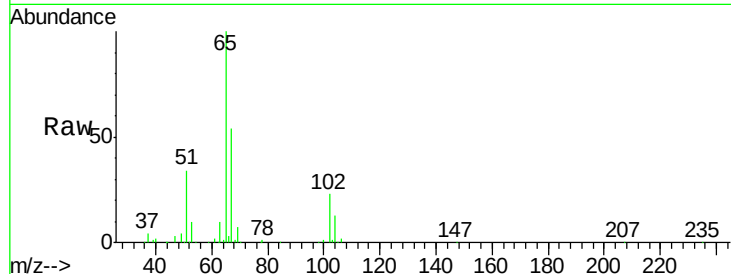




#33
 1,2-Dichloroethane-d4
 Concen: 51.801 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066868.D
 Acq: 25 Sep 2020 12:31

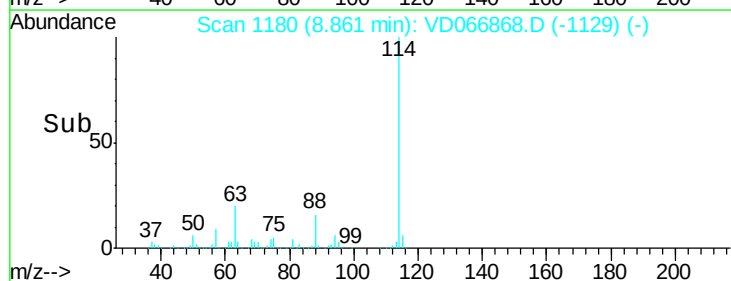
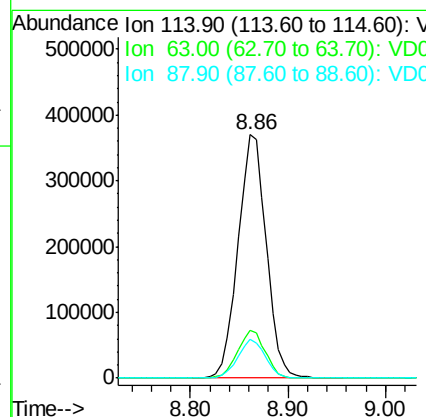
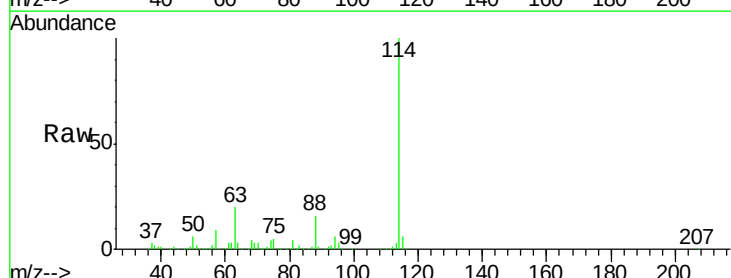
Instrument :
 MSVOA_D
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 CTB-WEST-SOIL-(MERL)

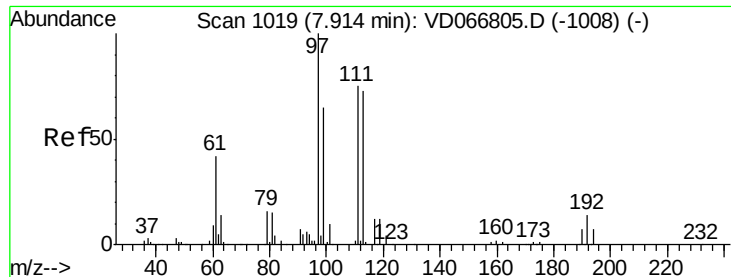
Tot Ion: 65 Resp: 223761
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066868.D
 Acq: 25 Sep 2020 12:31

Tgt Ion: 114 Resp: 746007
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 15.7 0.0 32.6

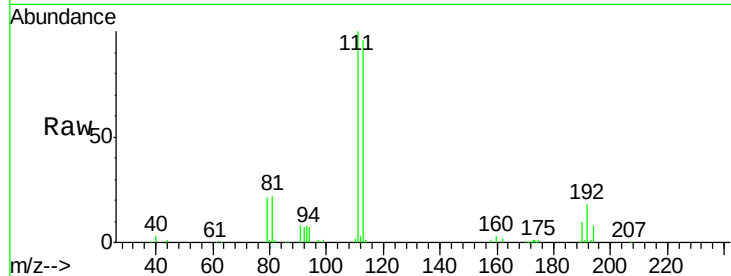




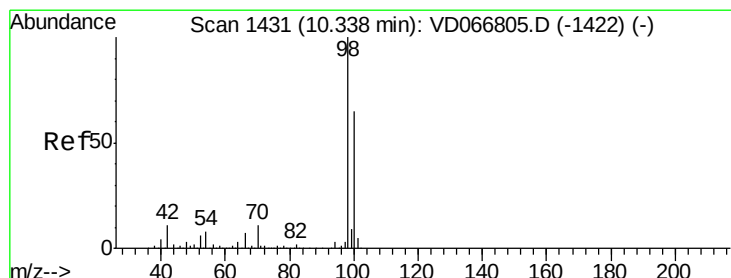
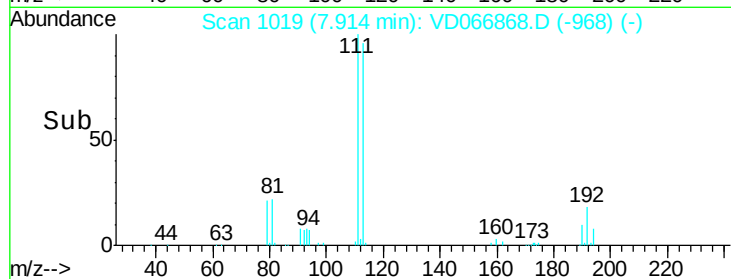
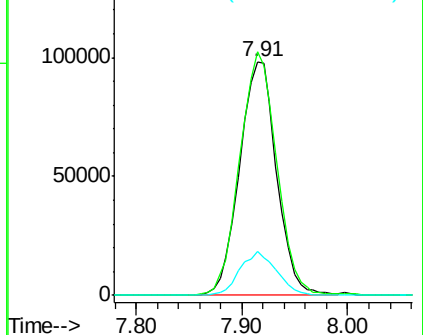
#35
Dibromofluoromethane
Concen: 50.451 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066868.D
Acq: 25 Sep 2020 12:31

Instrument :
MSVOA_D
ClientSampleId :
CTB-WEST-SOIL-(MERL)

Tot Ion:113 Resp: 239443
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 18.6 14.4 21.6

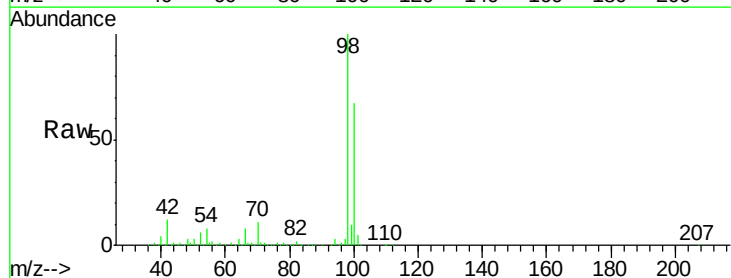


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

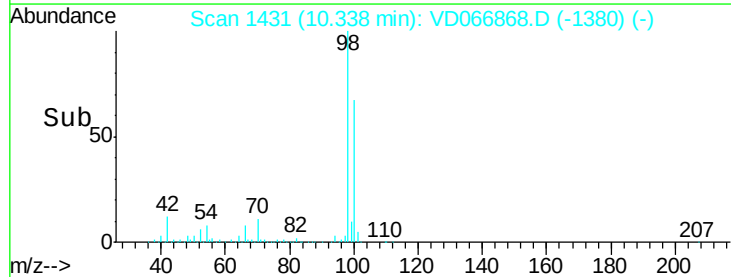
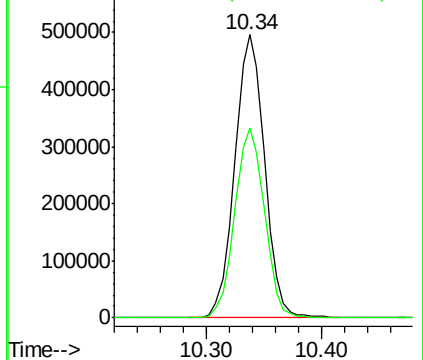


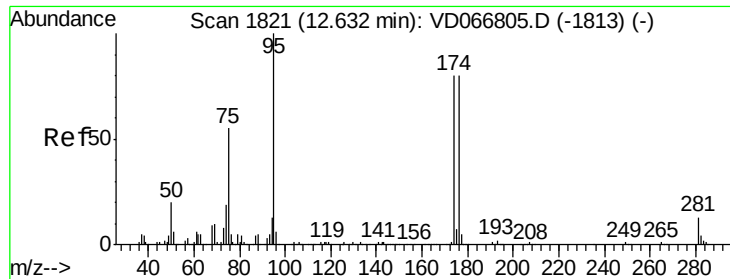
#50
Toluene-d8
Concen: 54.705 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066868.D
Acq: 25 Sep 2020 12:31

Tgt Ion: 98 Resp: 884630
Ion Ratio Lower Upper
98 100
100 67.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

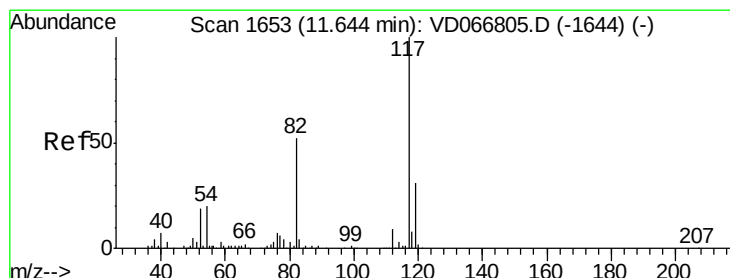
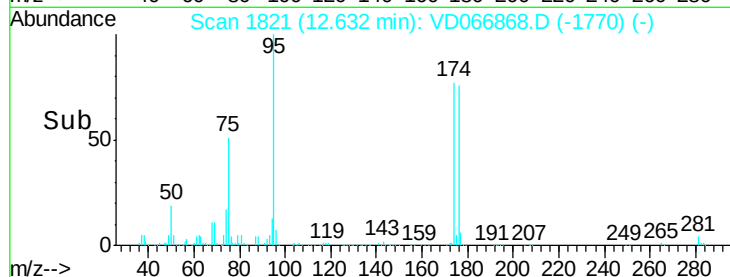
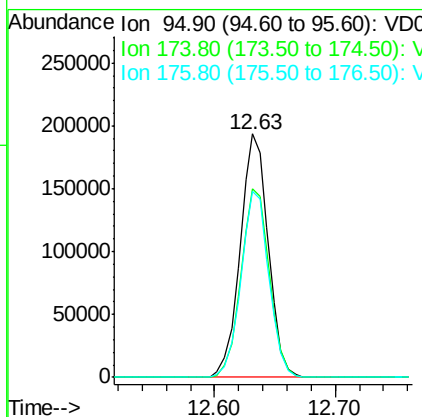
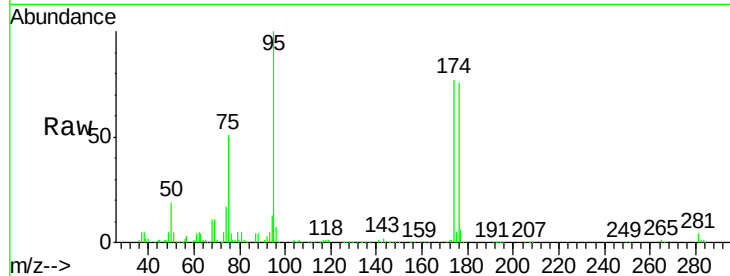




#62
4-Bromofluorobenzene
Concen: 56.402 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066868.D
Acq: 25 Sep 2020 12:31

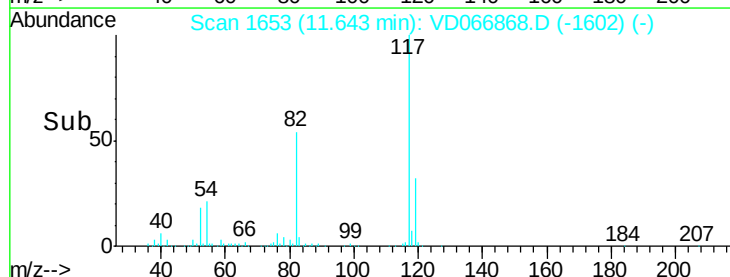
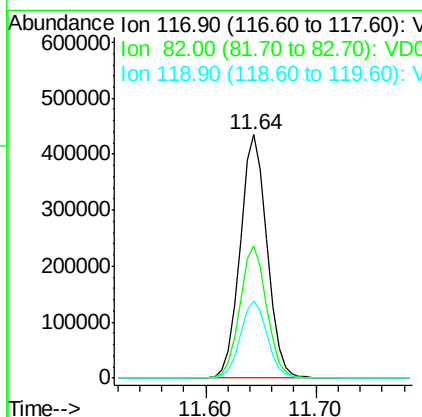
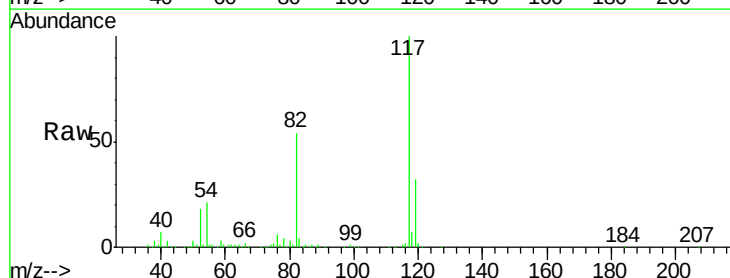
Instrument :
MSVOA_D
ClientSampleId :
CTB-WEST-SOIL-(MERL)

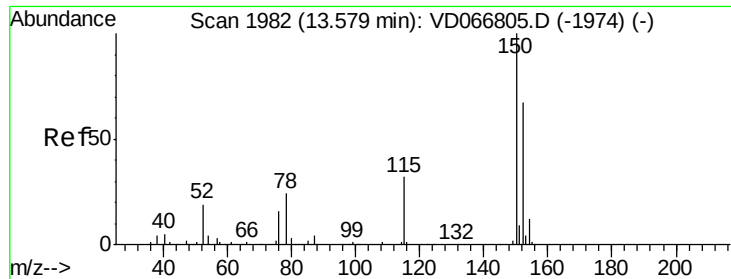
Tot Ion: 95 Resp: 312231
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.8
176 76.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066868.D
Acq: 25 Sep 2020 12:31

Tgt Ion: 117 Resp: 743015
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.6
119 31.9 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066868.D

Acq: 25 Sep 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

CTB-WEST-SOIL-(MERL)

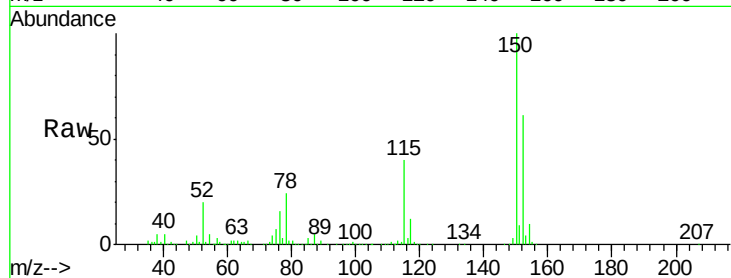
Tot Ion:152 Resp: 322479

Ion Ratio Lower Upper

152 100

115 61.6 30.3 91.0

150 159.4 0.0 346.2



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

