

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064391.D
 Acq On : 26 Nov 2019 18:38
 Operator : VA/SY
 Sample : K6021-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-001-E

Quant Time: Nov 27 06:43:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

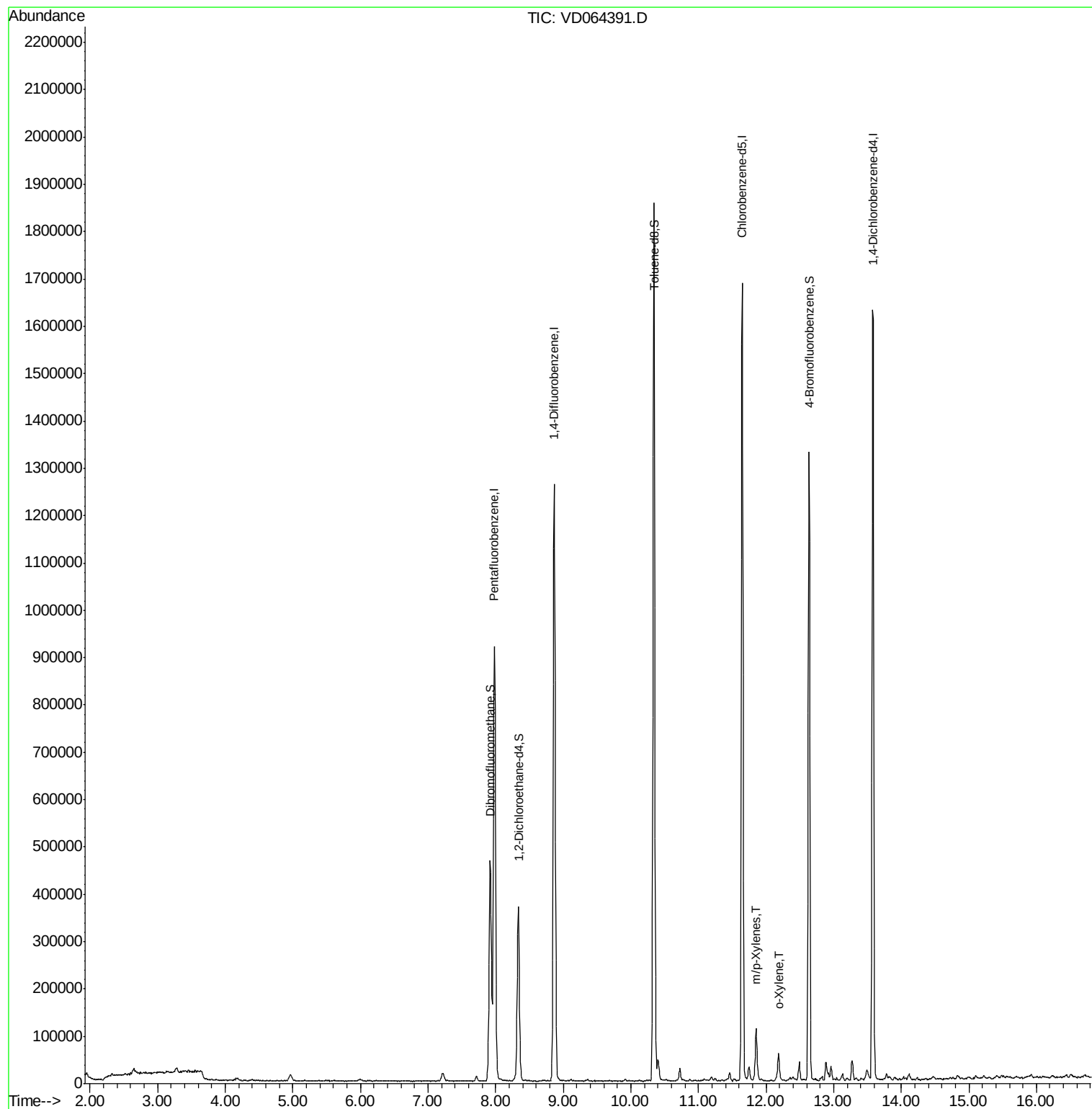
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	744478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1100648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	960647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	449909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	290090	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.92	113	324053	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
50) Toluene-d8	10.34	98	1293859	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.64	95	398378	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
Target Compounds						
68) m/p-Xylenes	11.86	106	36077	2.664	ug/l	90
69) o-Xylene	12.18	106	14926	1.188	ug/l	94

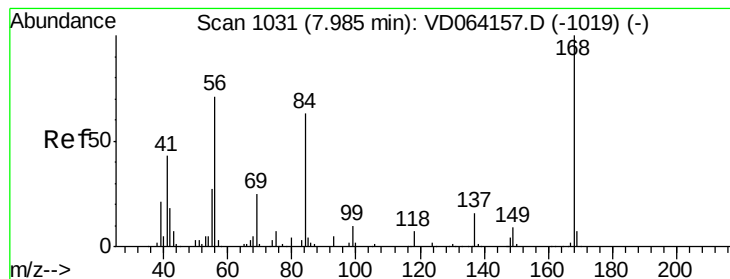
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064391.D

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Instrument :

MSVOA_D

ClientSampleId :

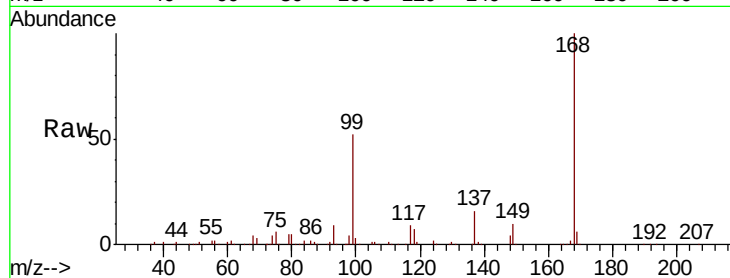
SOIL-001-E

Tot Ion:168 Resp: 744478

Ion Ratio Lower Upper

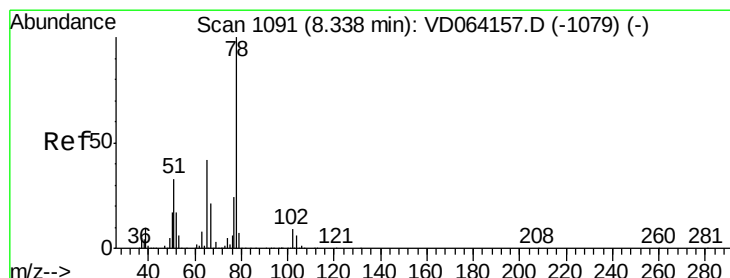
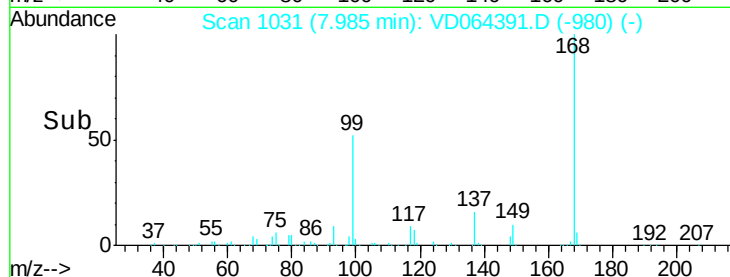
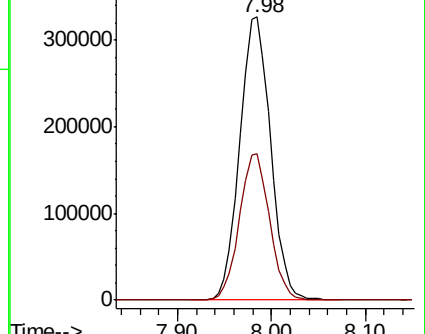
168 100

99 51.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064391.D

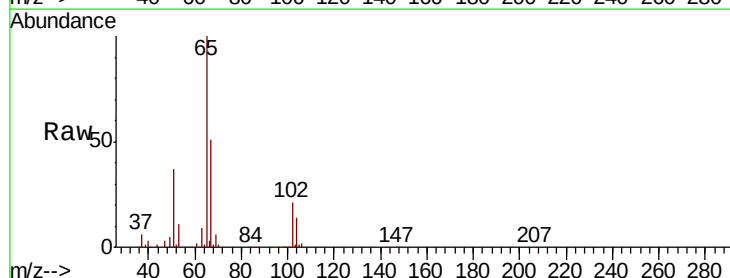
Acq: 26 Nov 2019 18:38

Tgt Ion: 65 Resp: 290090

Ion Ratio Lower Upper

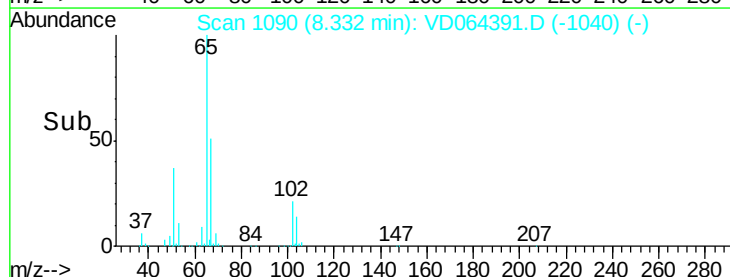
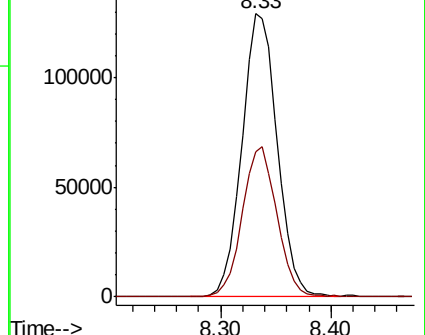
65 100

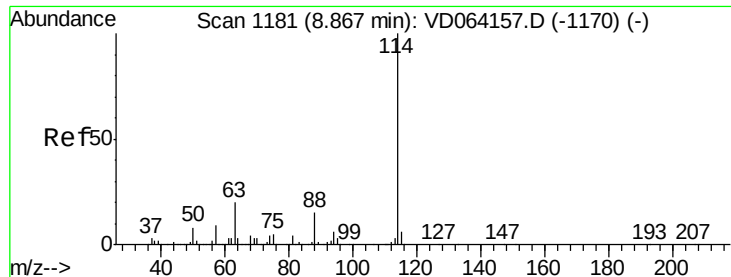
67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

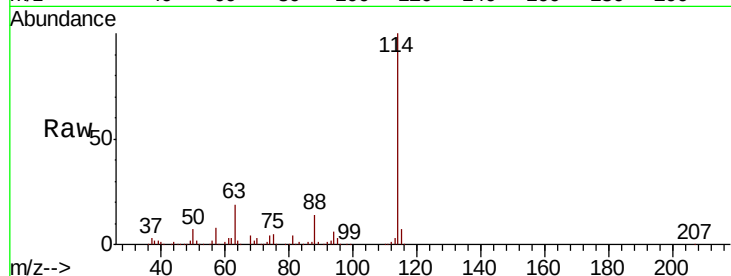




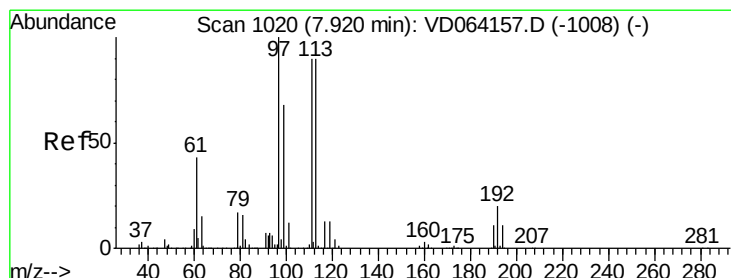
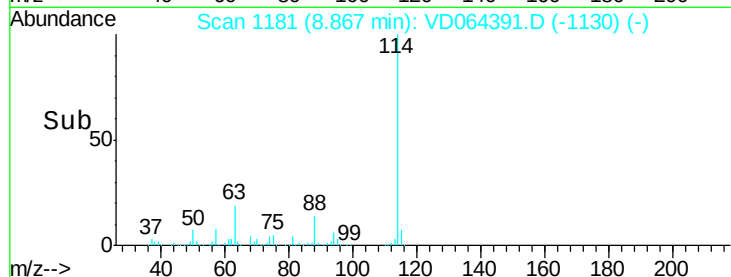
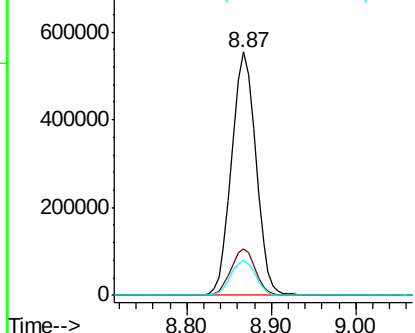
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064391.D
Acq: 26 Nov 2019 18:38

Instrument :
MSVOA_D
ClientSampleId :
SOIL-001-E

Tot Ion:114 Resp: 1100648
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 14.5 0.0 30.2

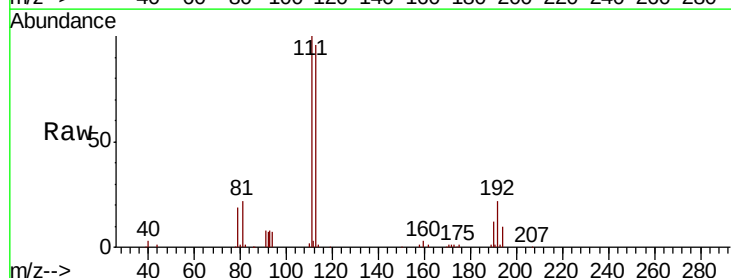


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

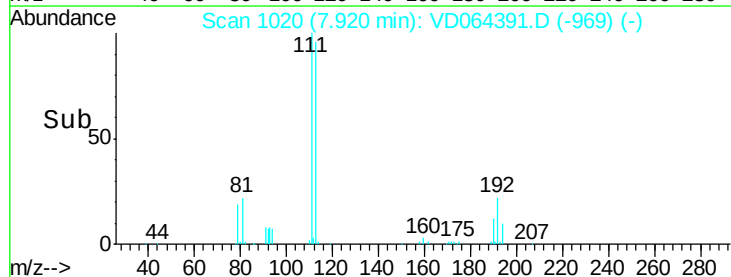
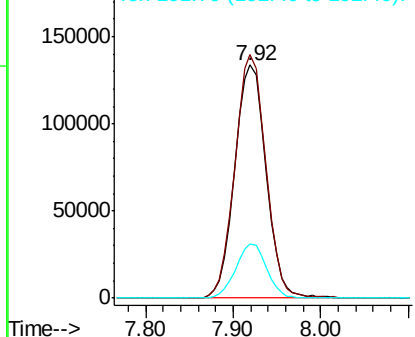


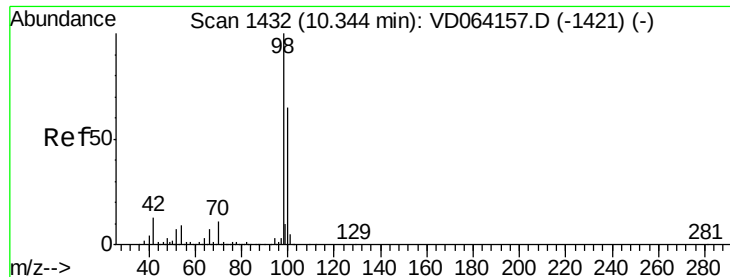
#35
Dibromofluoromethane
Concen: 51.291 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064391.D
Acq: 26 Nov 2019 18:38

Tgt Ion:113 Resp: 324053
Ion Ratio Lower Upper
113 100
111 103.0 81.5 122.3
192 23.1 18.8 28.2



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: 54.287 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064391.D

Acq: 26 Nov 2019 18:38

Instrument :

MSVOA_D

ClientSampleId :

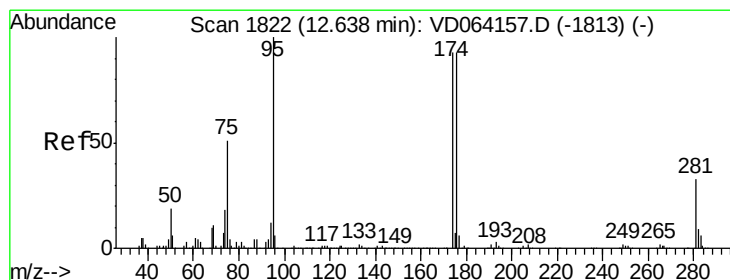
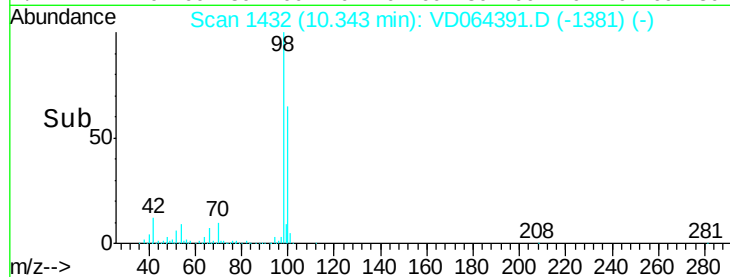
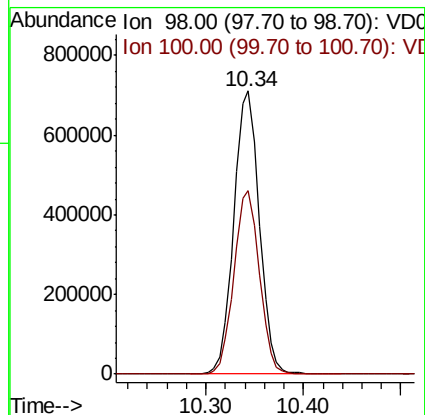
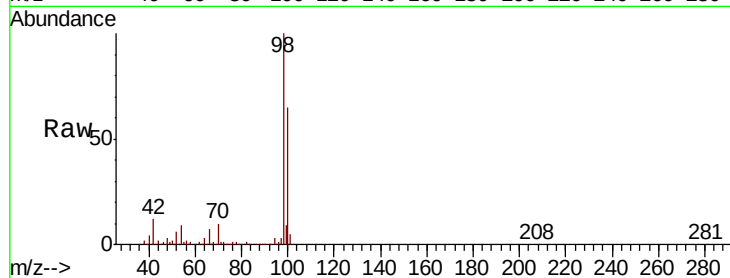
SOIL-001-E

Tot Ion: 98 Resp: 1293859

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.266 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064391.D

Acq: 26 Nov 2019 18:38

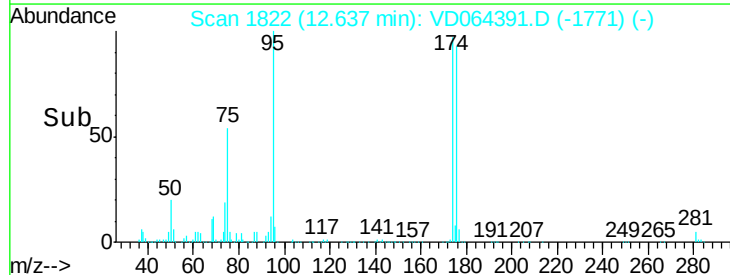
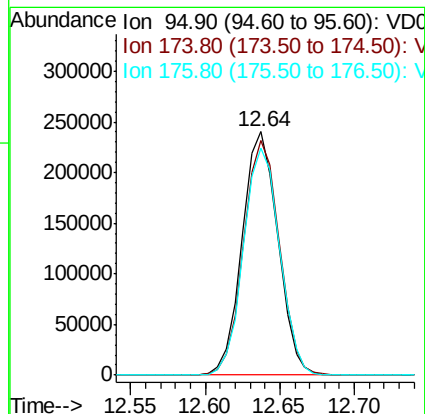
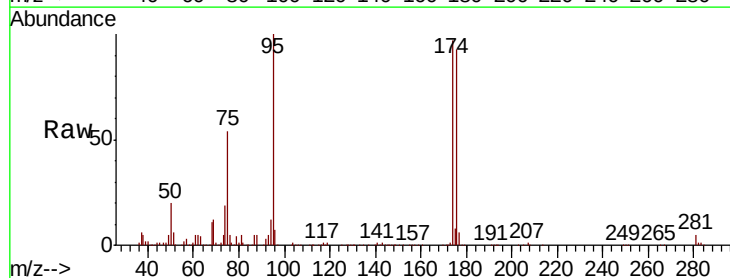
Tgt Ion: 95 Resp: 398378

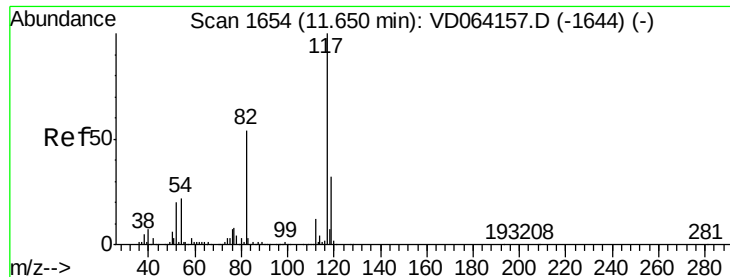
Ion Ratio Lower Upper

95 100

174 96.6 0.0 183.6

176 94.2 0.0 180.2

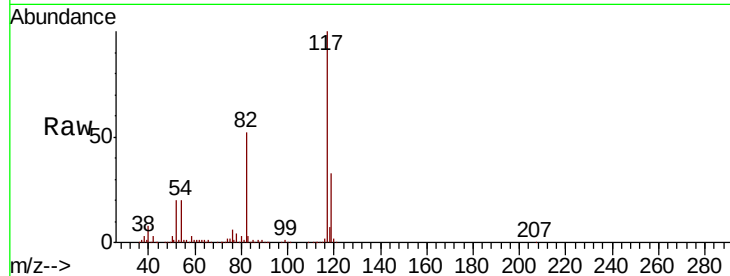




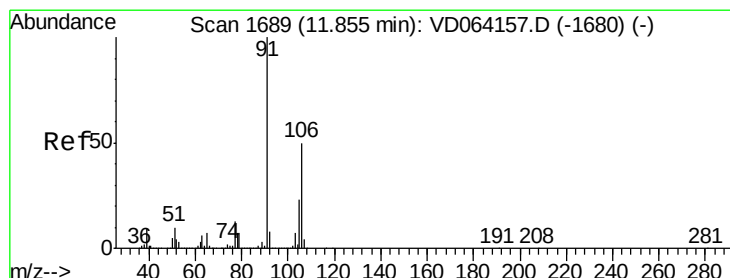
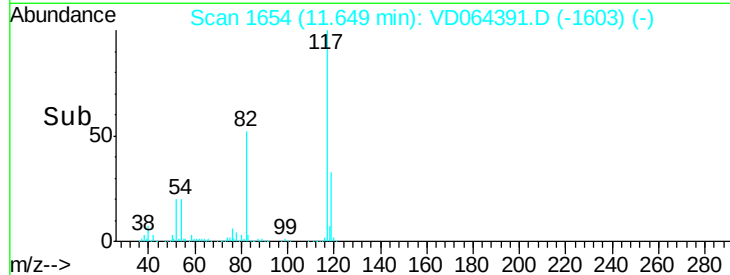
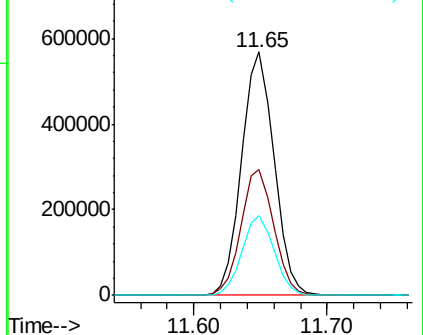
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064391.D
Acq: 26 Nov 2019 18:38

Instrument :
MSVOA_D
ClientSampleId :
SOIL-001-E

Tot Ion:117 Resp: 960647
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 32.6 25.6 38.4

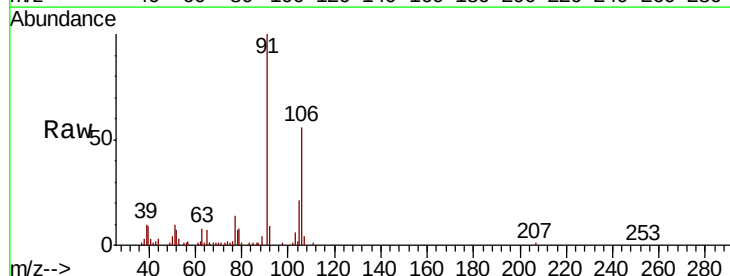


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

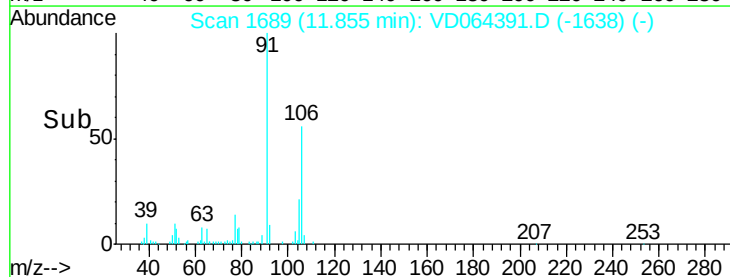
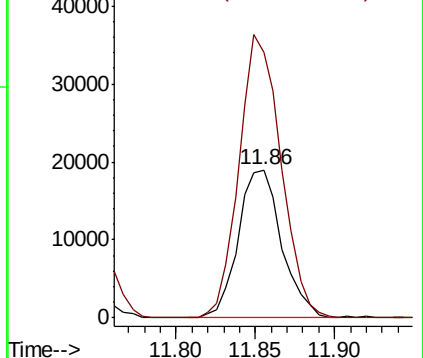


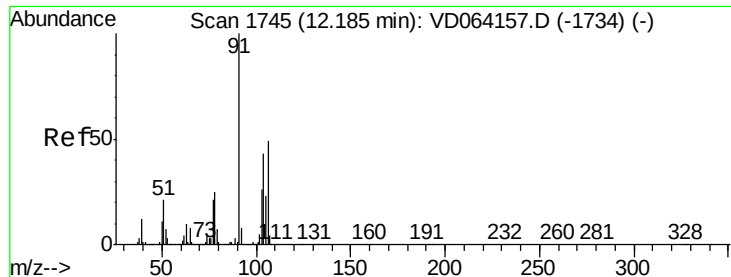
#68
m/p-Xylenes
Concen: 2.664 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064391.D
Acq: 26 Nov 2019 18:38

Tgt Ion:106 Resp: 36077
Ion Ratio Lower Upper
106 100
91 185.3 160.3 240.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

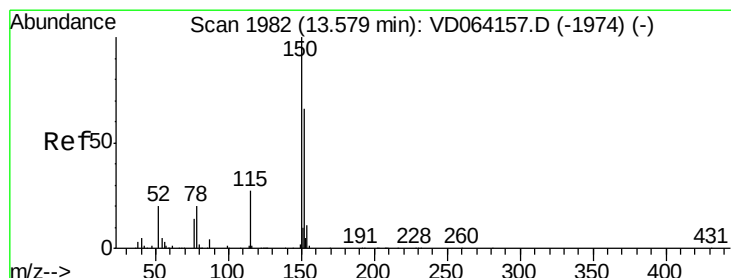
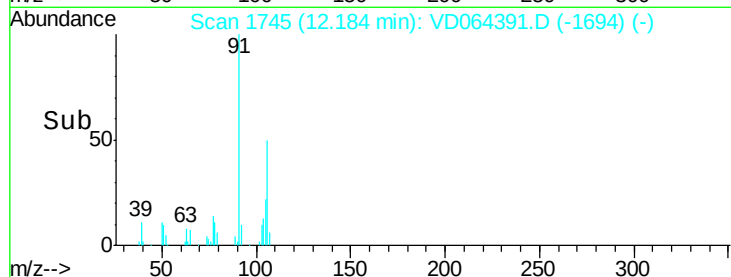
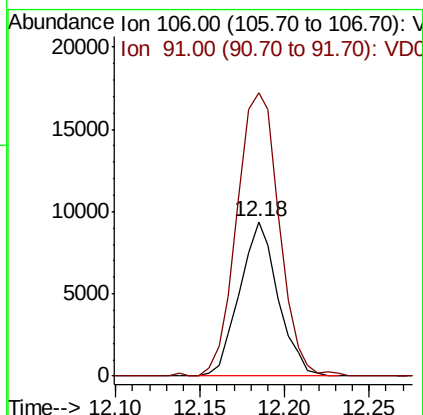
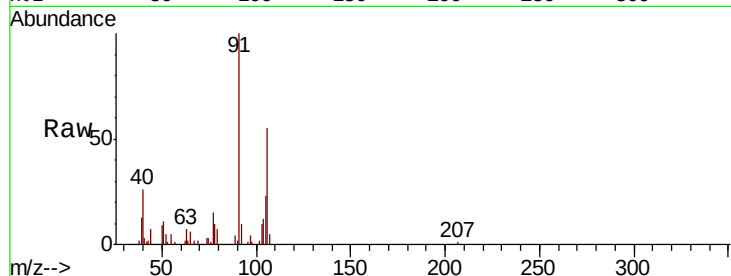




#69
o-Xylene
Concen: 1.188 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064391.D
Acq: 26 Nov 2019 18:38

Instrument :
MSVOA_D
ClientSampleId :
SOIL-001-E

Tot Ion:106 Resp: 14926
Ion Ratio Lower Upper
106 100
91 201.3 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064391.D
Acq: 26 Nov 2019 18:38

Tgt Ion:152 Resp: 449909
Ion Ratio Lower Upper
152 100
115 54.2 27.4 82.2
150 156.5 0.0 351.6

