

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064380.D
 Acq On : 26 Nov 2019 13:21
 Operator : VA/SY
 Sample : K6021-01RE
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-001-ERE

Quant Time: Nov 27 06:02:07 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

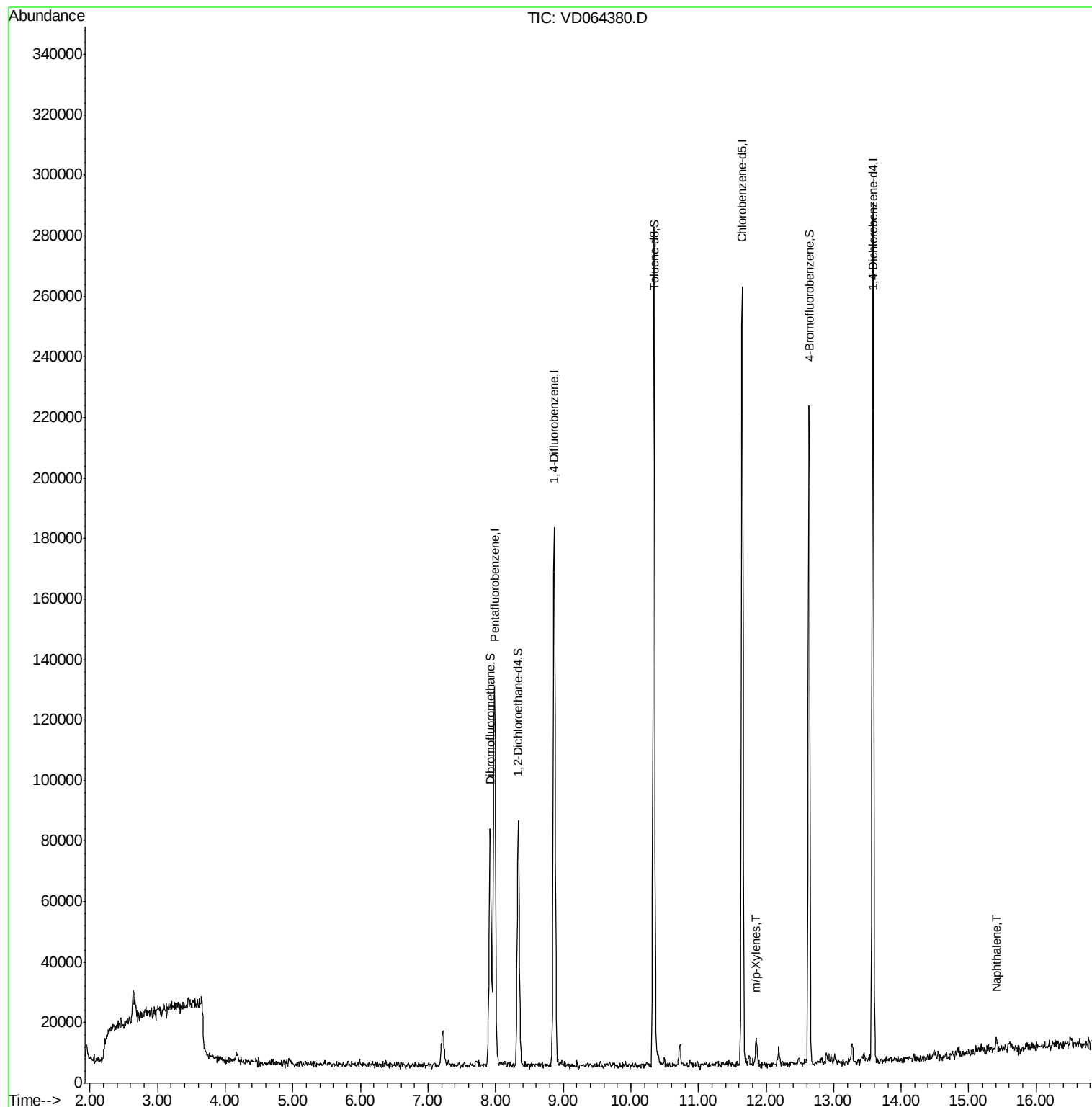
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	99874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	158907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	148709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	78996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	64411	78.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.84%	
35) Dibromofluoromethane	7.92	113	53046	58.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.30%	
50) Toluene-d8	10.34	98	188161	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.64	95	68774	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
Target Compounds						
68) m/p-Xylenes	11.86	106	2860	1.364	ug/l	90
95) Naphthalene	15.41	128	3137	1.121	ug/l	96

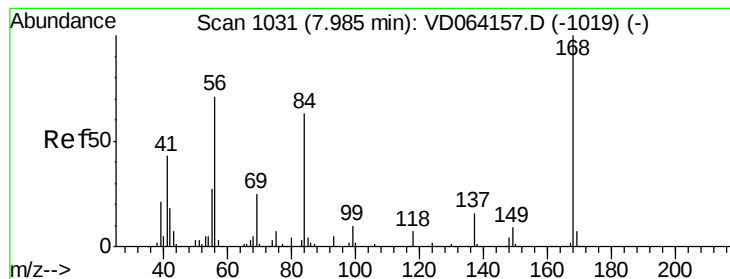
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112619\
Data File : VD064380.D
Acq On : 26 Nov 2019 13:21
Operator : VA/SY
Sample : K6021-01RE
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOIL-001-ERE

Quant Time: Nov 27 06:02:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064380.D

Acq: 26 Nov 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

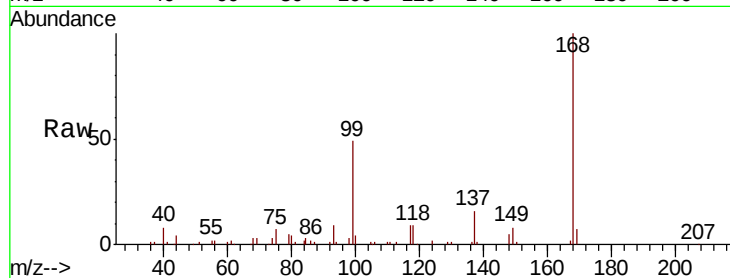
SOIL-001-ERE

Tot Ion:168 Resp: 99874

Ion Ratio Lower Upper

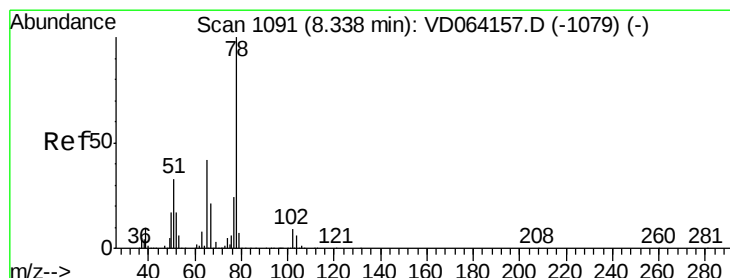
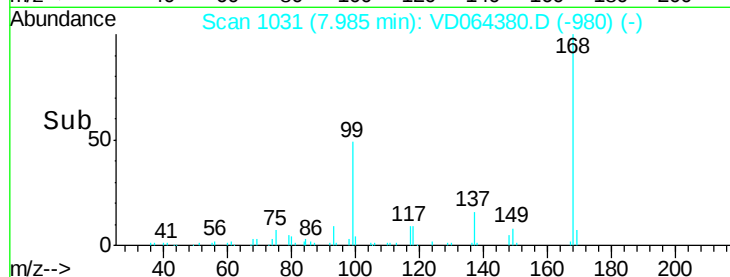
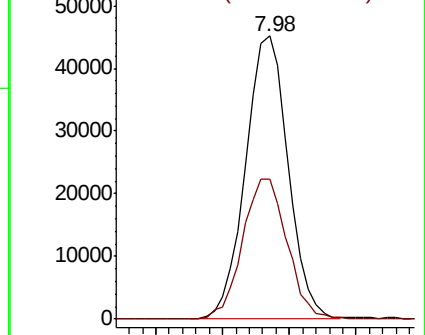
168 100

99 49.3 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: 78.416 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064380.D

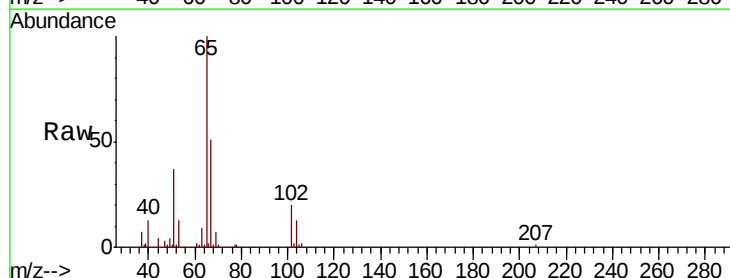
Acq: 26 Nov 2019 13:21

Tgt Ion: 65 Resp: 64411

Ion Ratio Lower Upper

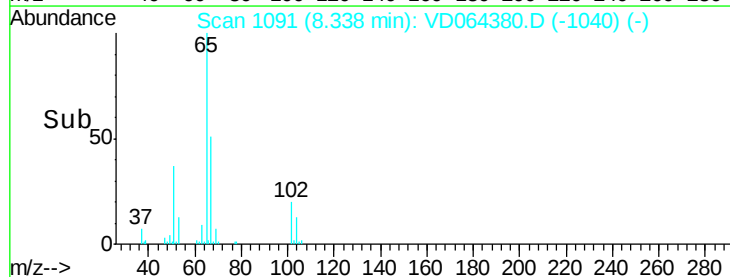
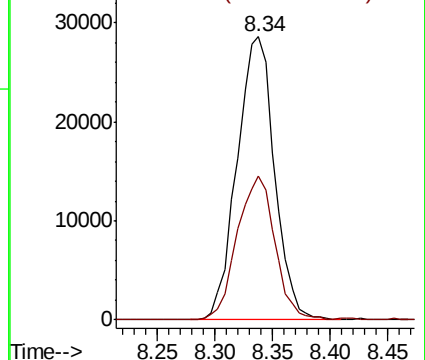
65 100

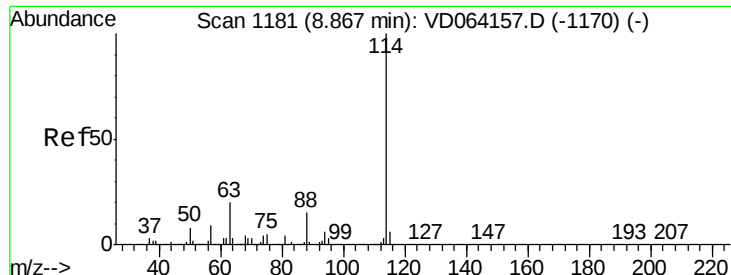
67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

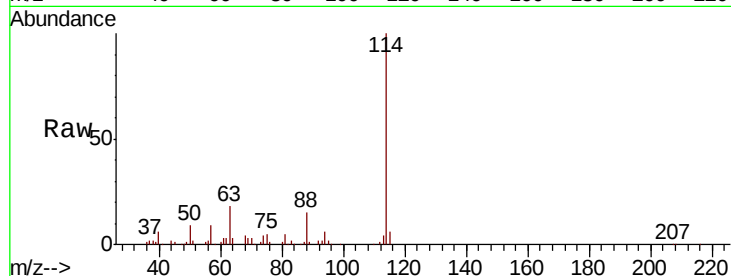




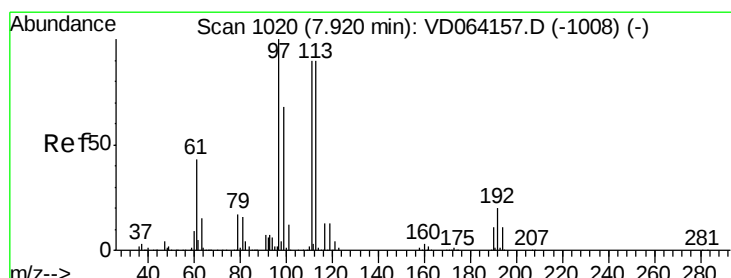
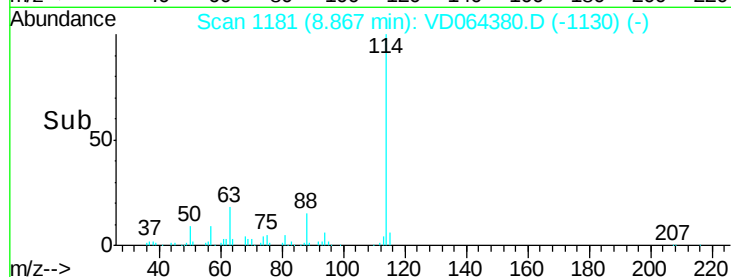
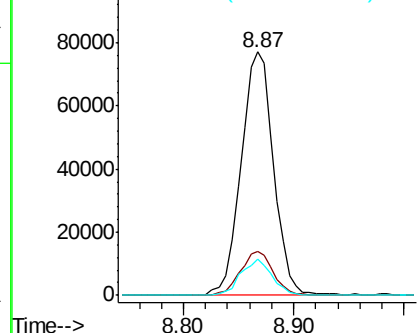
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064380.D
 Acq: 26 Nov 2019 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-001-ERE

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	40.0
88	15.1	0.0	30.2

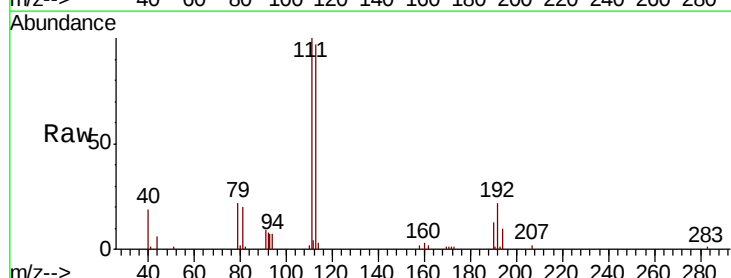


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

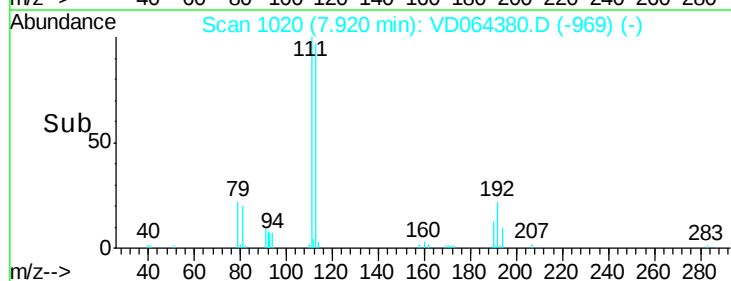
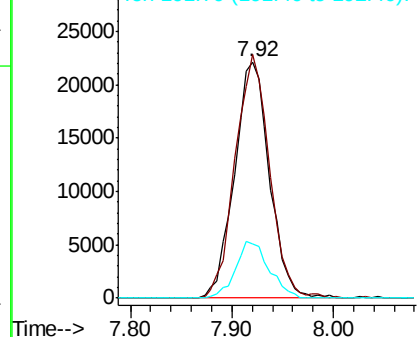


#35
 Dibromofluoromethane
 Concen: 58.155 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064380.D
 Acq: 26 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	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: 54.682 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064380.D

Acq: 26 Nov 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

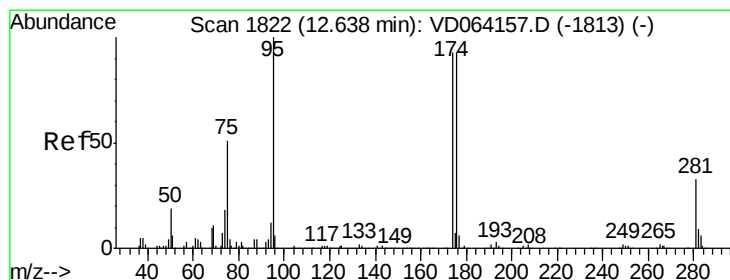
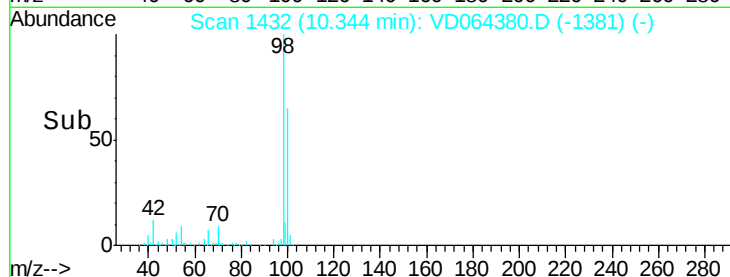
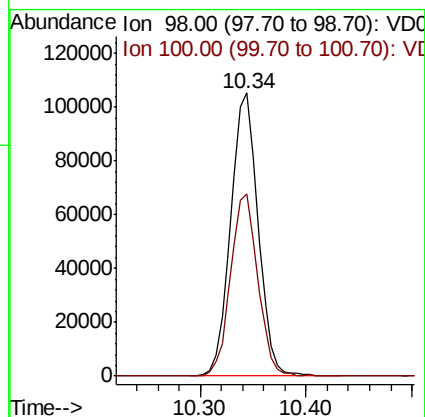
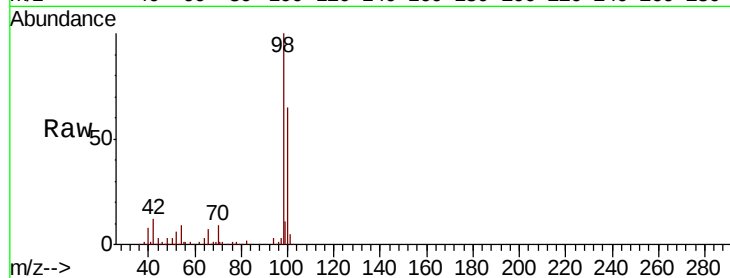
SOIL-001-ERE

Tot Ion: 98 Resp: 188161

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 57.713 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064380.D

Acq: 26 Nov 2019 13:21

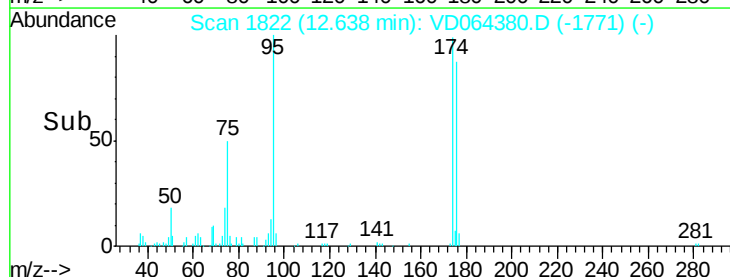
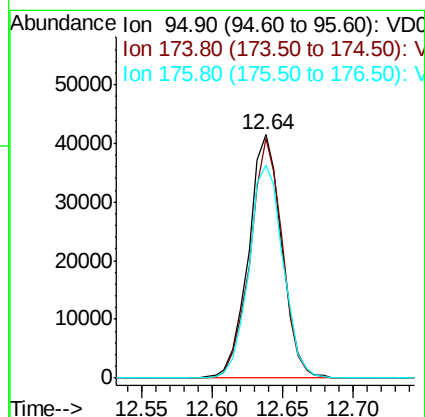
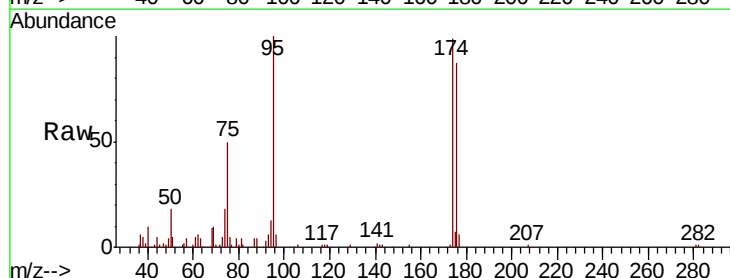
Tgt Ion: 95 Resp: 68774

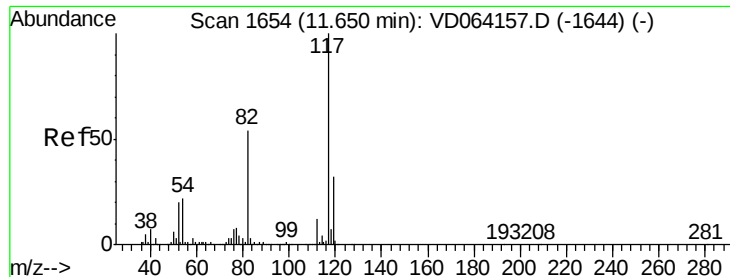
Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.6

176 89.7 0.0 180.2

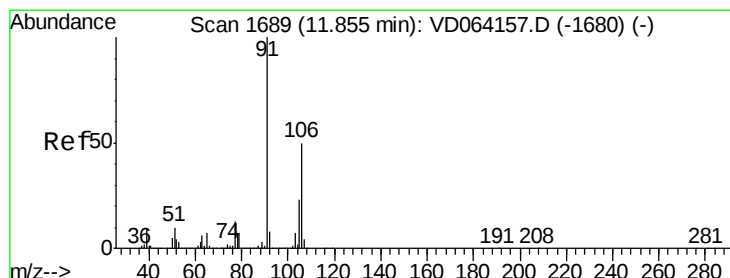
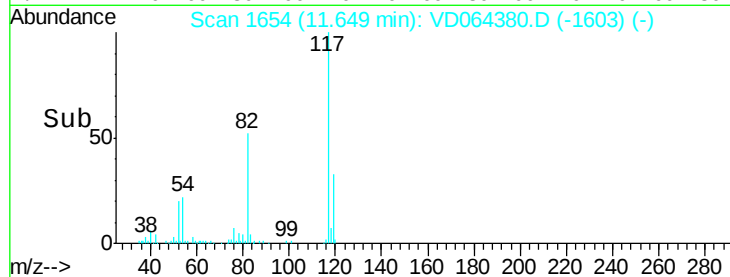
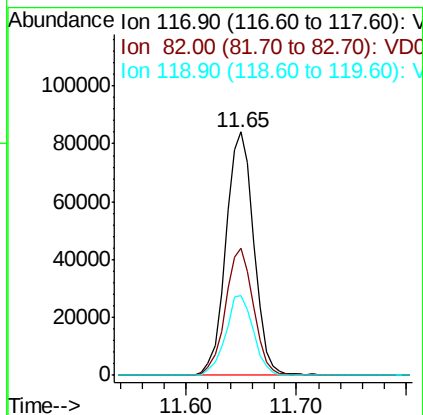
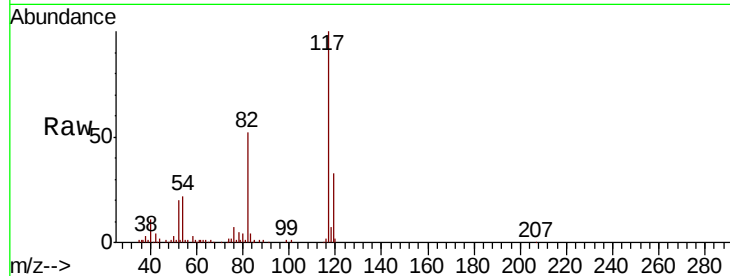




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064380.D
Acq: 26 Nov 2019 13:21

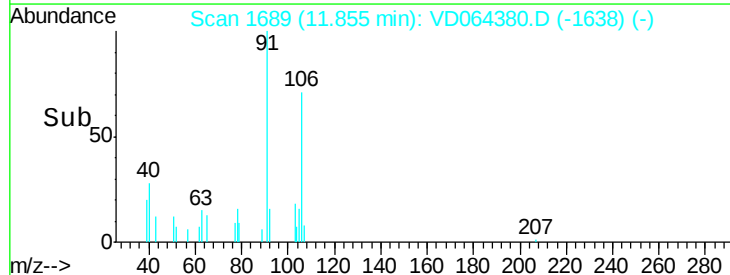
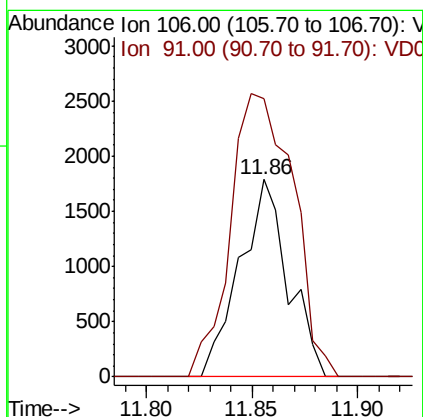
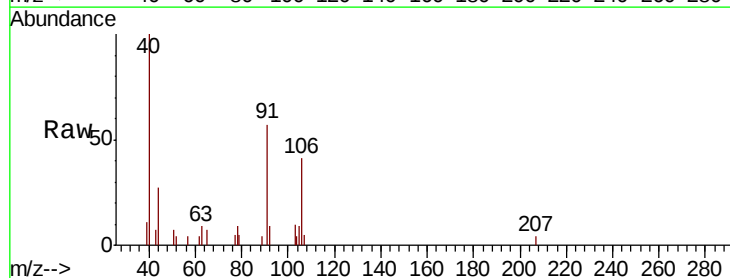
Instrument :
MSVOA_D
ClientSampleId :
SOIL-001-ERE

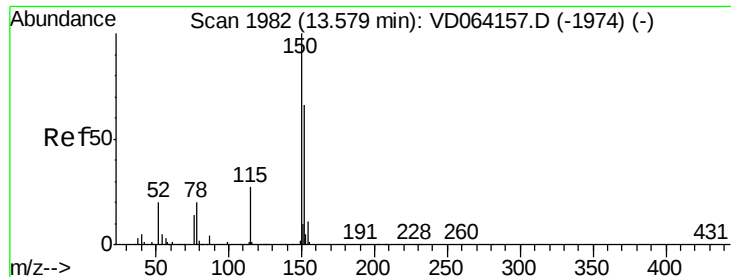
Tot Ion:117 Resp: 148709
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 32.8 25.6 38.4



#68
m/p-Xylenes
Concen: 1.364 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064380.D
Acq: 26 Nov 2019 13:21

Tgt Ion:106 Resp: 2860
Ion Ratio Lower Upper
106 100
91 185.0 160.3 240.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064380.D

Acq: 26 Nov 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

SOIL-001-ERE

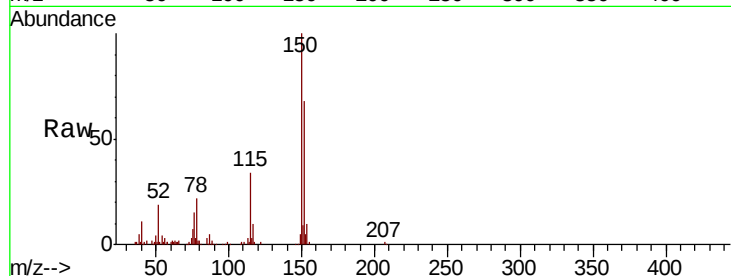
Tot Ion:152 Resp: 78996

Ion Ratio Lower Upper

152 100

115 53.8 27.4 82.2

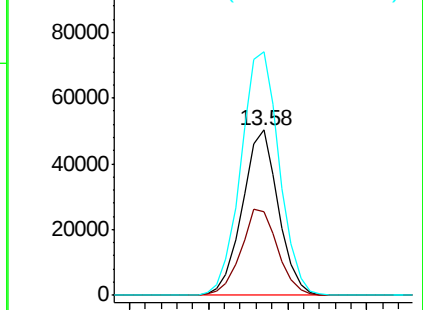
150 157.4 0.0 351.6



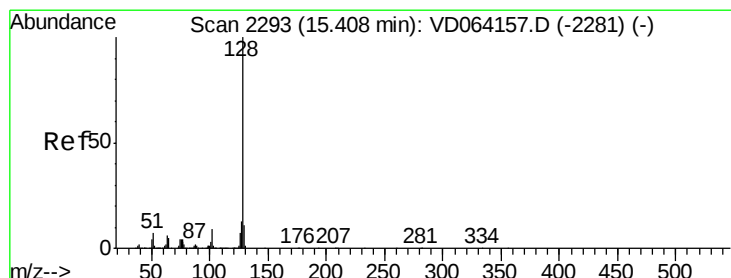
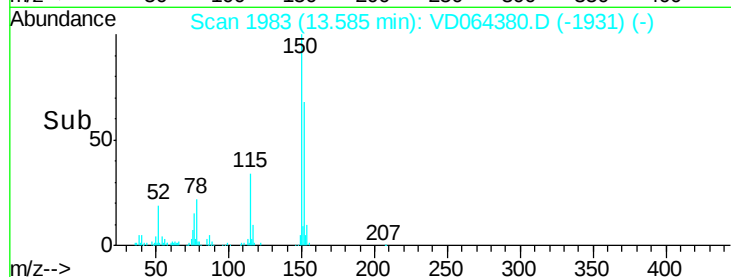
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time--> 13.50 13.55 13.60 13.65



#95

Naphthalene

Concen: 1.121 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD064380.D

Acq: 26 Nov 2019 13:21

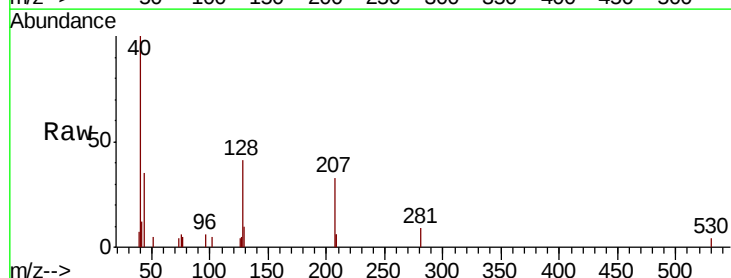
Tgt Ion:128 Resp: 3137

Ion Ratio Lower Upper

128 100

127 10.6 10.5 15.7

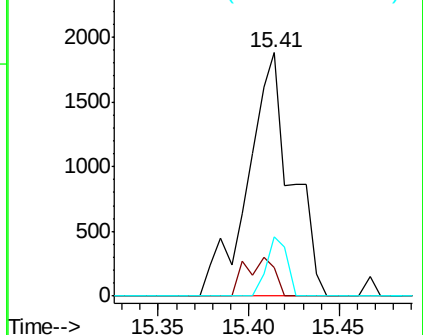
129 11.4 8.6 13.0



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



Time--> 15.35 15.40 15.45

