

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067082.D
 Acq On : 05 Oct 2020 14:35
 Operator : VA/SY
 Sample : L4248-01
 Misc : 6.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-SOIL

Quant Time: Oct 06 07:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

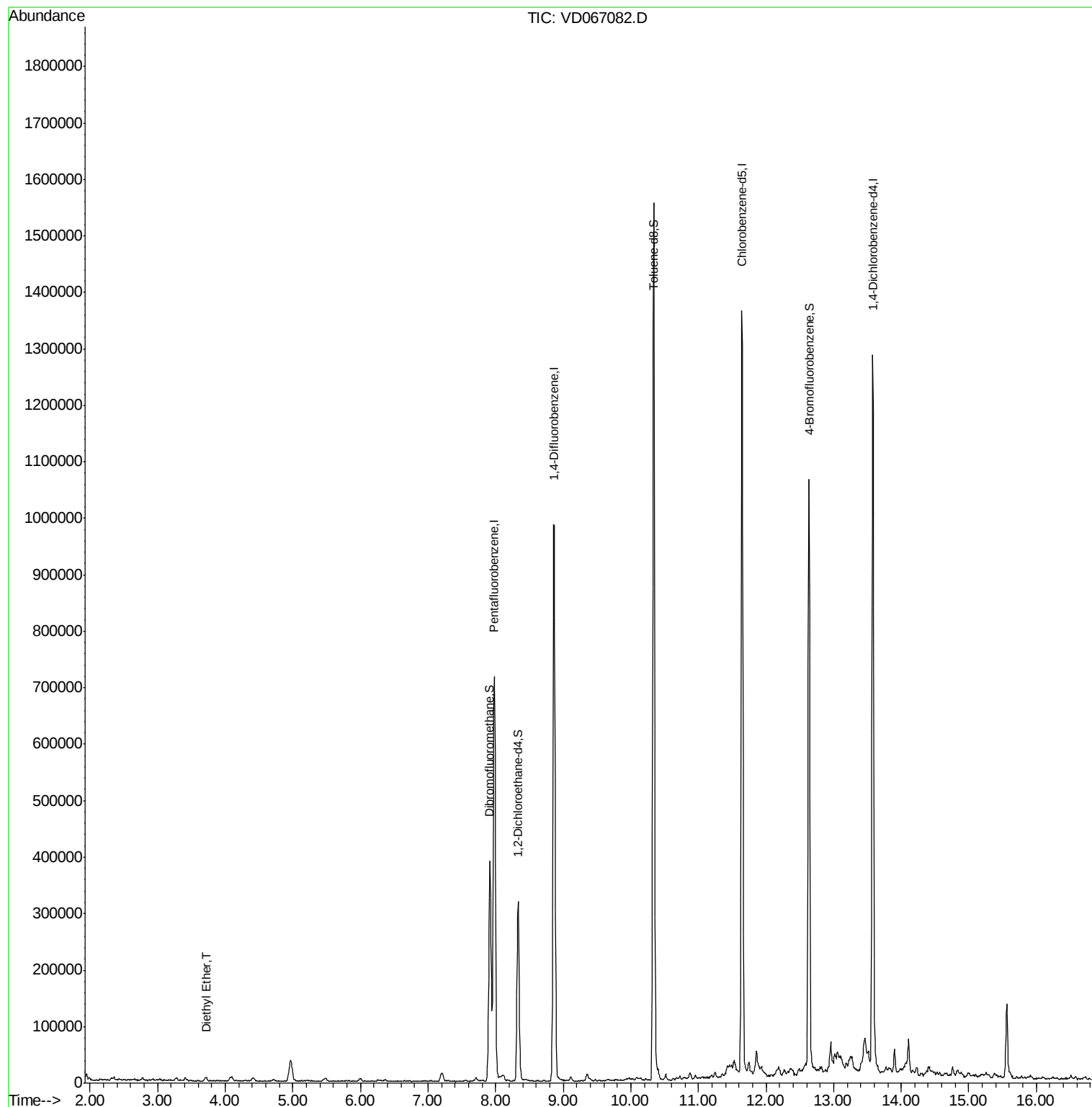
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	553272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	921996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	834186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	344375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	251920	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
35) Dibromofluoromethane	7.92	113	286814	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	10.34	98	1078978	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.64	95	355258	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
8) Diethyl Ether	3.72	74	4245	1.744	ug/l	Qvalue 83

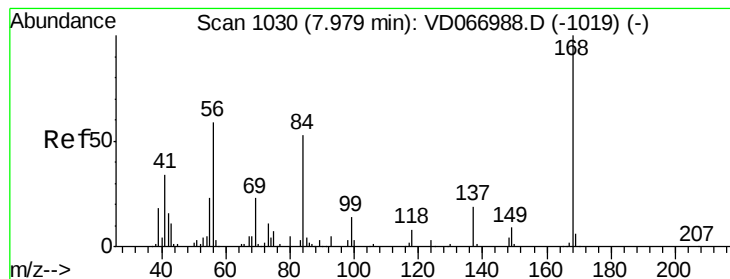
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067082.D

Acq: 05 Oct 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

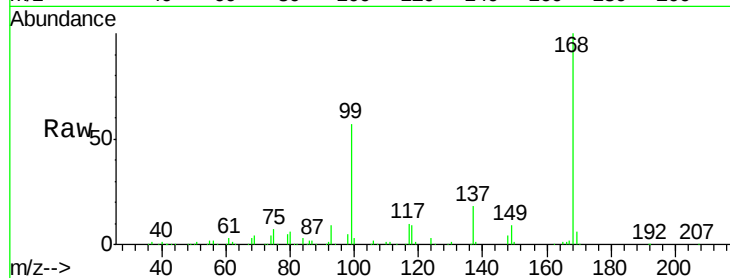
NP-SOIL

Tot Ion:168 Resp: 553272

Ion Ratio Lower Upper

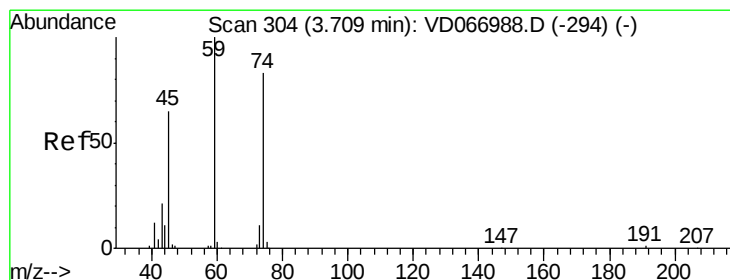
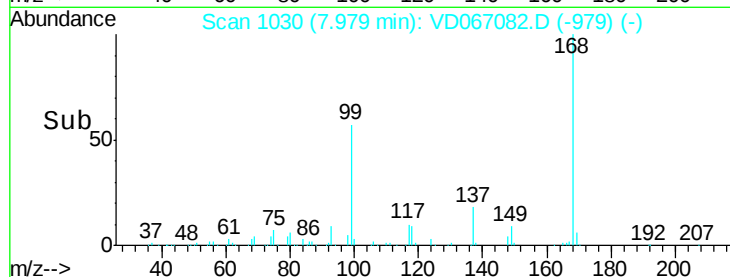
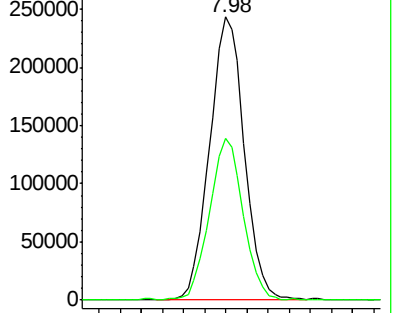
168 100

99 57.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 1.744 ug/l

RT: 3.72 min Scan# 306

Delta R.T. 0.01 min

Lab File: VD067082.D

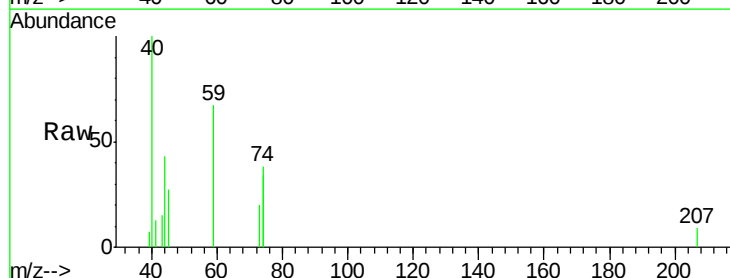
Acq: 05 Oct 2020 14:35

Tgt Ion: 74 Resp: 4245

Ion Ratio Lower Upper

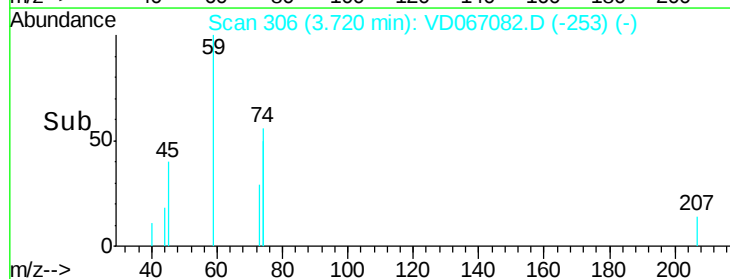
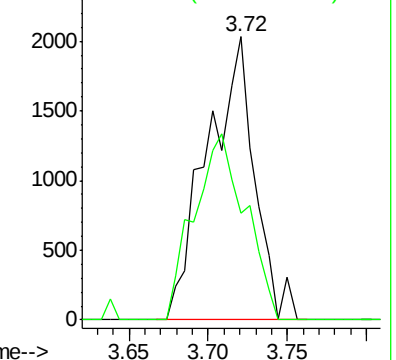
74 100

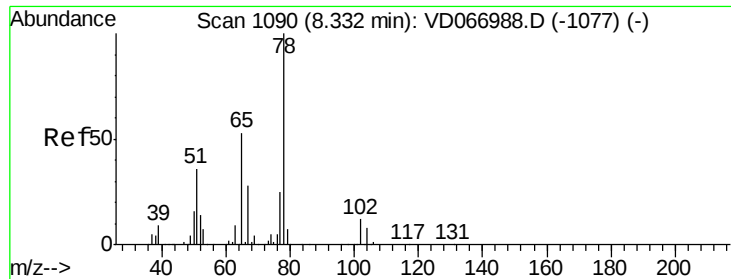
45 70.9 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

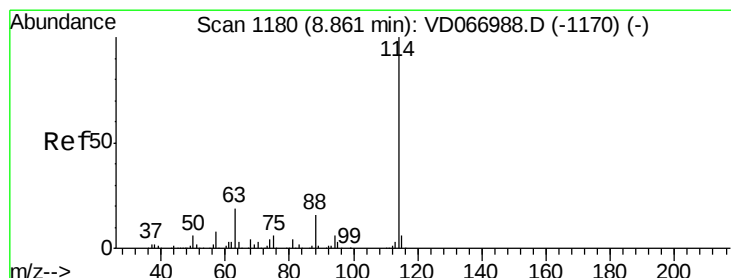
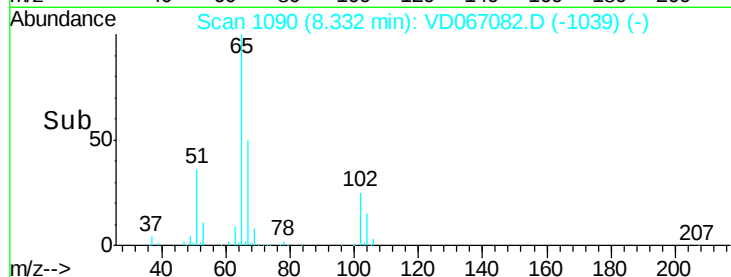
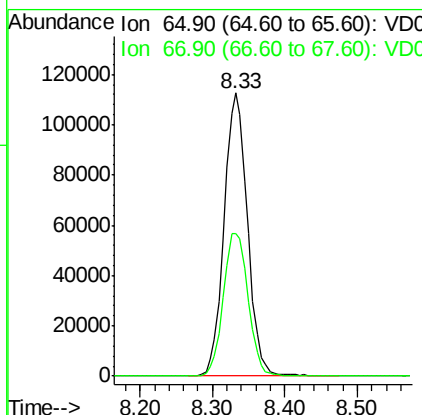
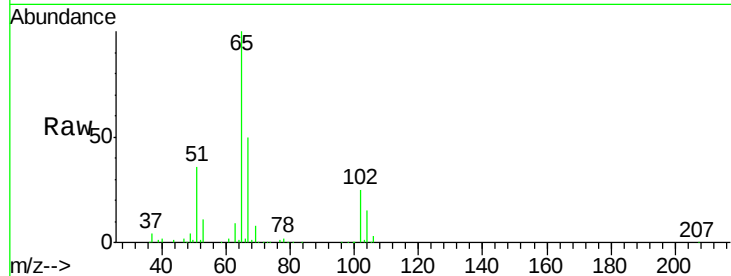




#33
 1,2-Dichloroethane-d4
 Concen: 47.273 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067082.D
 Acq: 05 Oct 2020 14:35

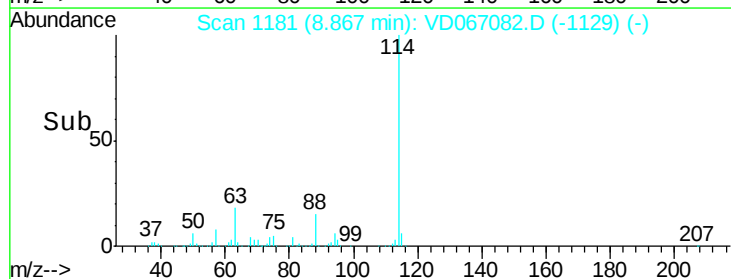
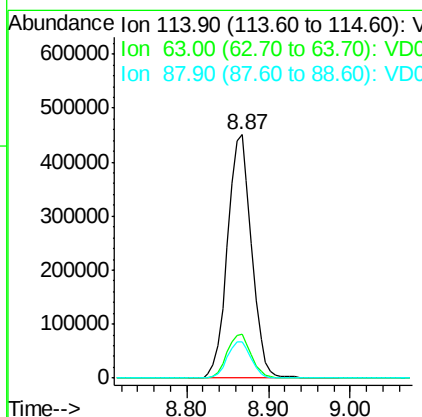
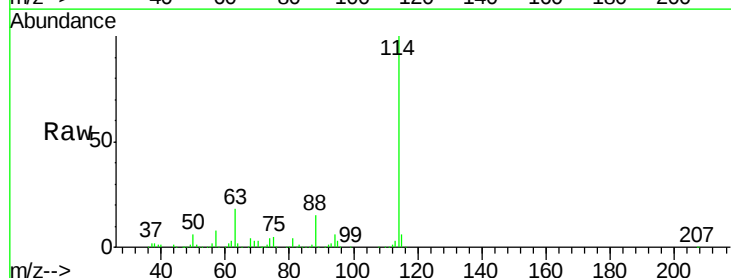
Instrument :
 MSVOA_D
 ClientSampleId :
 NP-SOIL

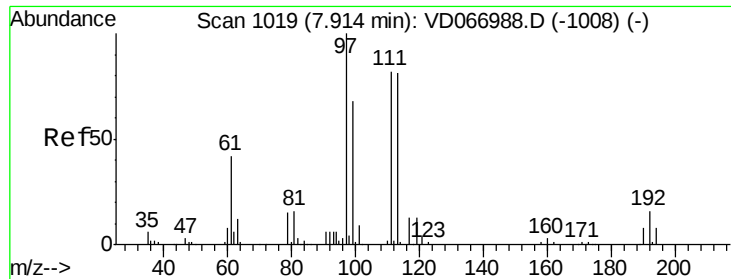
Tot Ion: 65 Resp: 251920
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067082.D
 Acq: 05 Oct 2020 14:35

Tgt Ion: 114 Resp: 921996
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 14.9 0.0 31.2

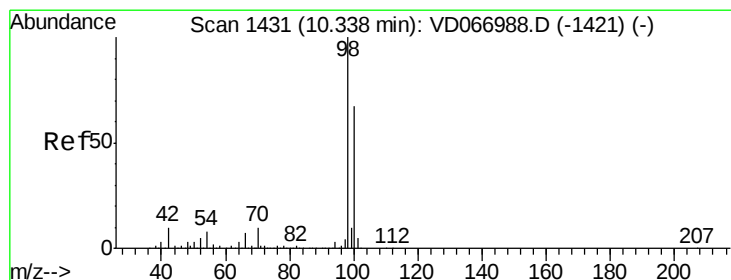
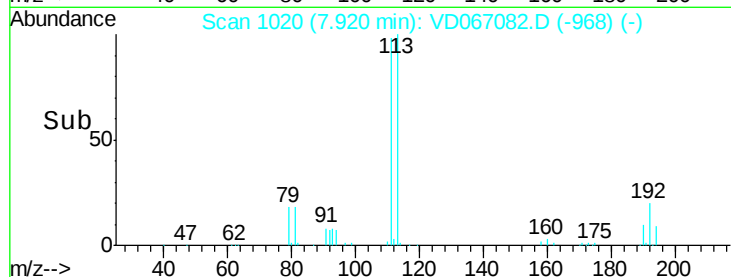
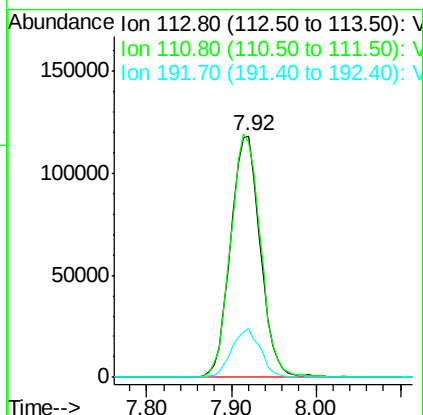
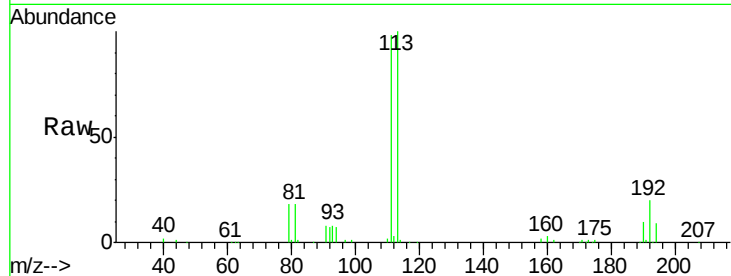




#35
 Dibromofluoromethane
 Concen: 47.516 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067082.D
 Acq: 05 Oct 2020 14:35

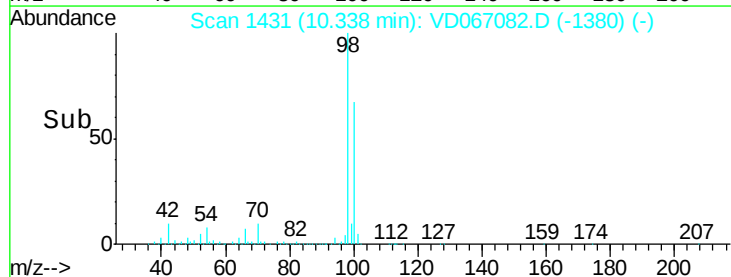
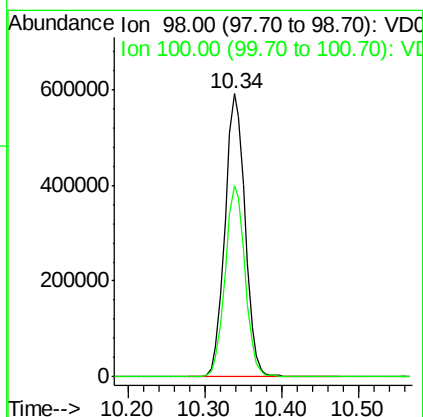
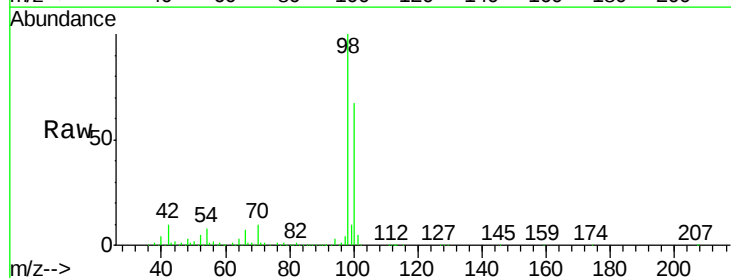
Instrument :
 MSVOA_D
 ClientSampleId :
 NP-SOIL

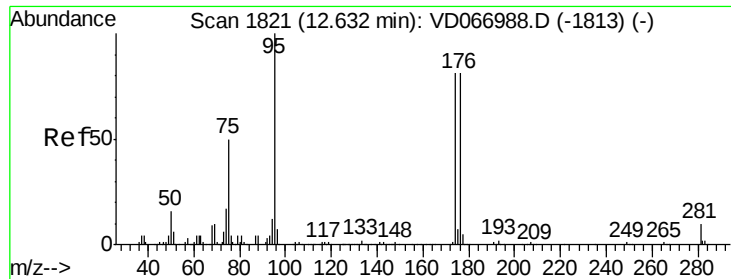
Tot Ion:113 Resp: 286814
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.0 124.4
 192 19.4 15.5 23.3



#50
 Toluene-d8
 Concen: 49.056 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067082.D
 Acq: 05 Oct 2020 14:35

Tgt Ion: 98 Resp: 1078978
 Ion Ratio Lower Upper
 98 100
 100 67.0 52.8 79.2

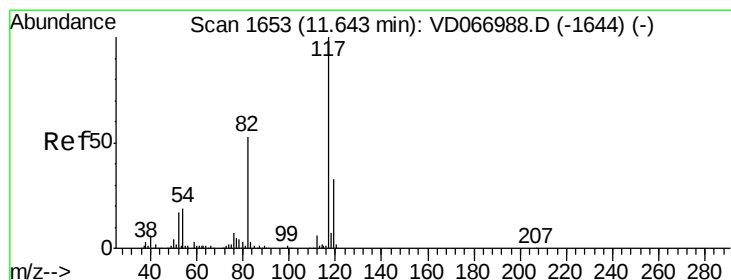
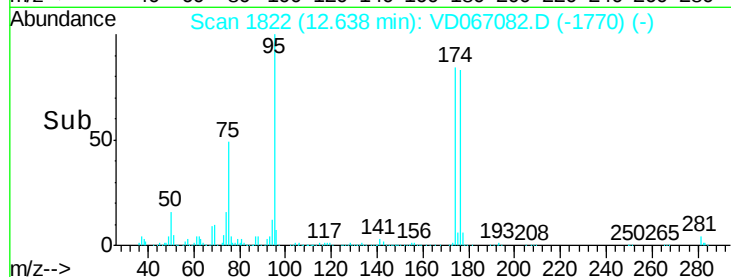
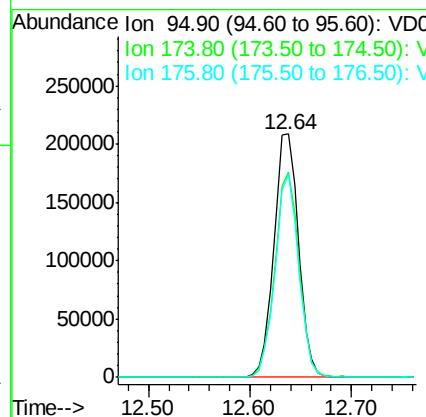
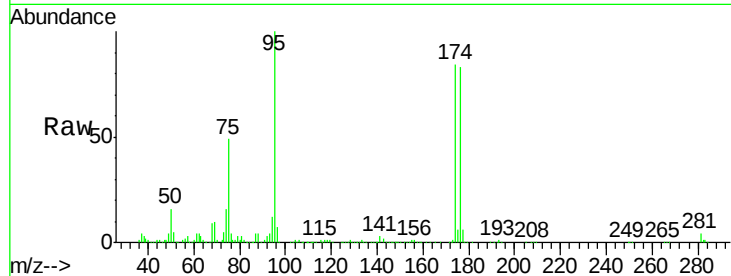




#62
4-Bromofluorobenzene
Concen: 47.579 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067082.D
Acq: 05 Oct 2020 14:35

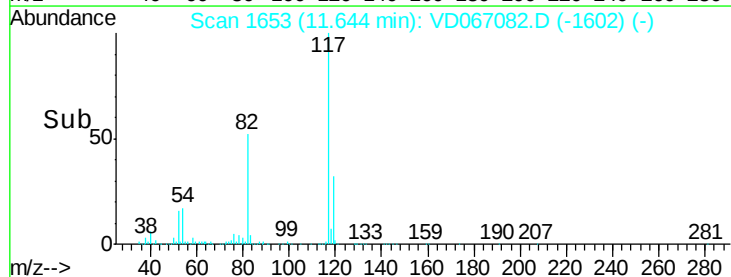
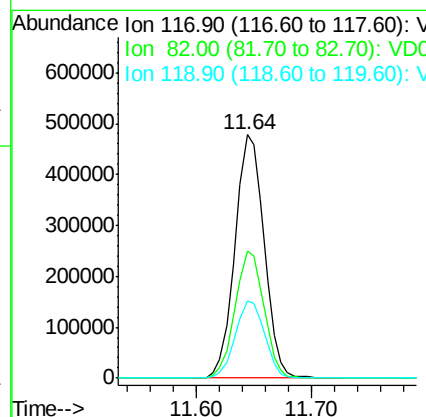
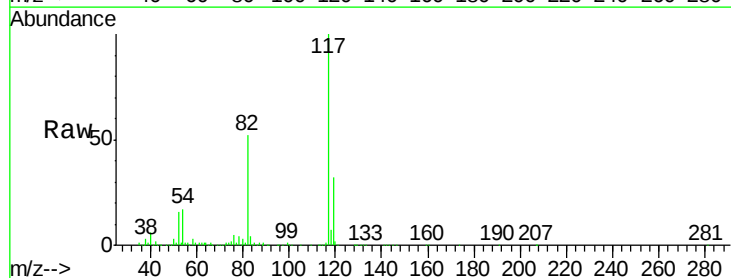
Instrument :
MSVOA_D
ClientSampled :
NP-SOIL

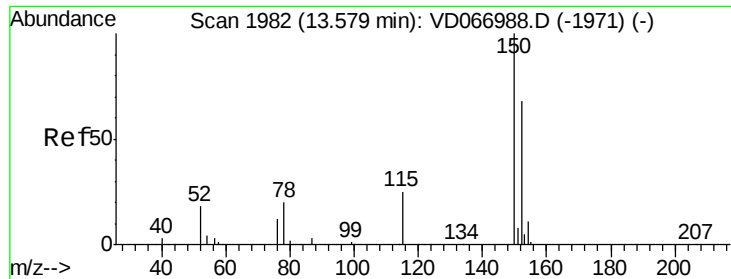
Tot Ion: 95 Resp: 355258
Ion Ratio Lower Upper
95 100
174 82.5 0.0 167.6
176 79.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067082.D
Acq: 05 Oct 2020 14:35

Tgt Ion: 117 Resp: 834186
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067082.D

Acq: 05 Oct 2020 14:35

Instrument :

MSVOA_D

ClientSampleId :

NP-SOIL

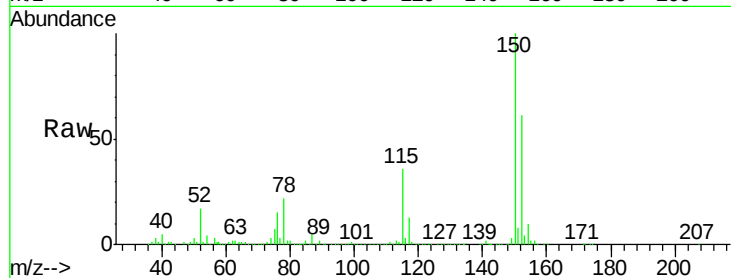
Tot Ion:152 Resp: 344375

Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.8

150 156.6 0.0 344.8



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

