

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059643.D
 Acq On : 31 Jul 2018 2:56
 Operator : VA/AP
 Sample : J4217-01
 Misc : 4.81g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-1

Quant Time: Jul 31 05:20:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.61
34) 1,4-Difluorobenzene	6.68	114	185	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	518	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.90

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
50) Toluene-d8	8.72	98	188	52.22	ug/l	0.05
Spiked Amount				50.000		
			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	

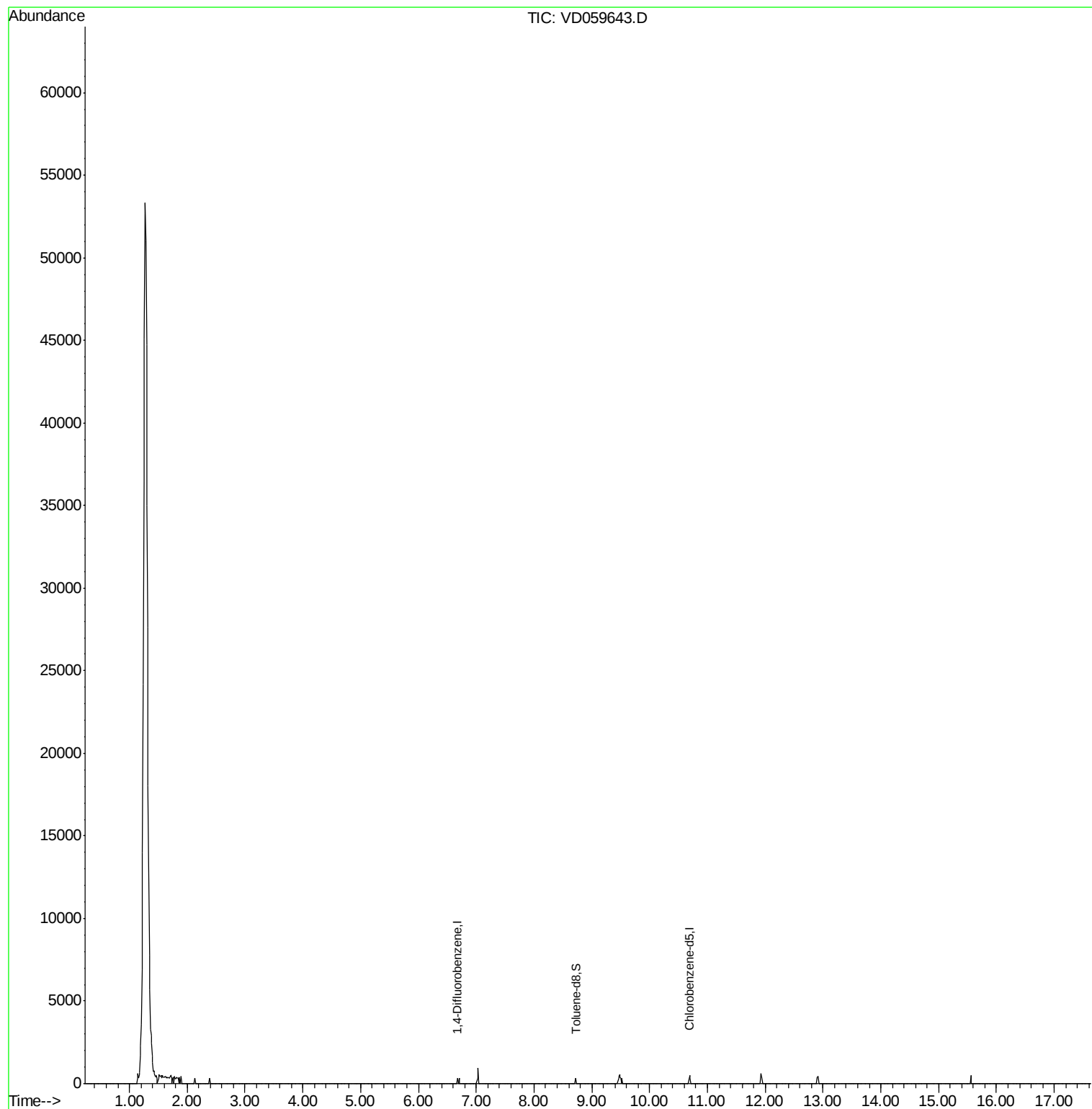
Target Compounds	Qvalue

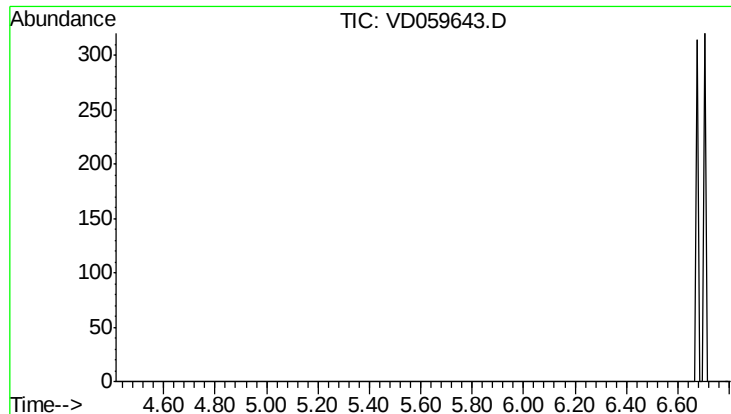
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.61 min

Lab File: VD059643.D

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Instrument :

MSVOA_D

ClientSampleId :

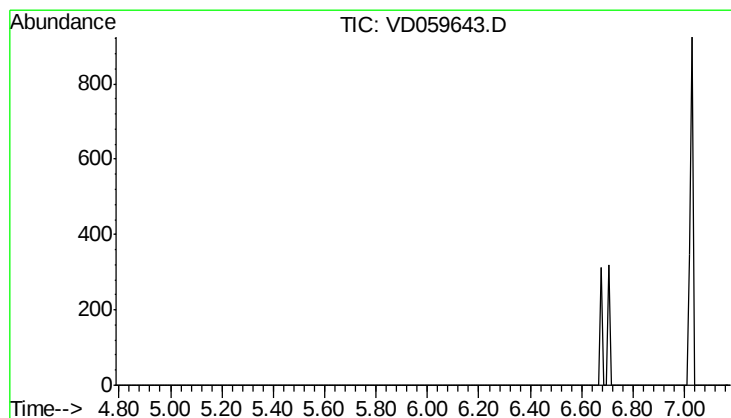
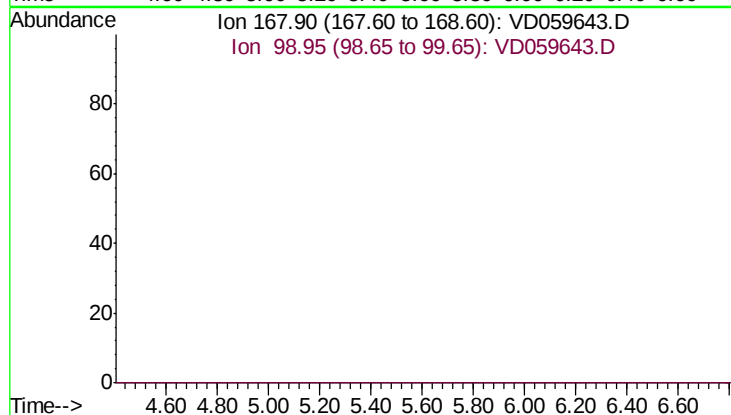
SOIL-1

Tot Ion: 168

Sig Exp Ratio

168 100

99 59.1



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

Expected RT: 5.98 min

Lab File: VD059643.D

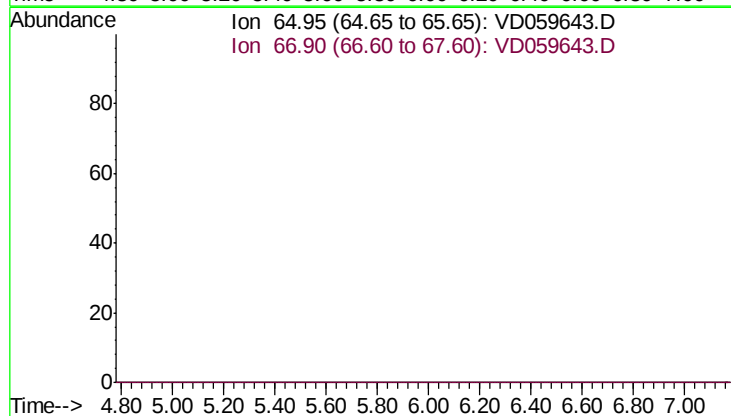
Acq: 31 Jul 2018 2:56

Tgt Ion: 65

Sig Exp Ratio

65 100

67 43.2

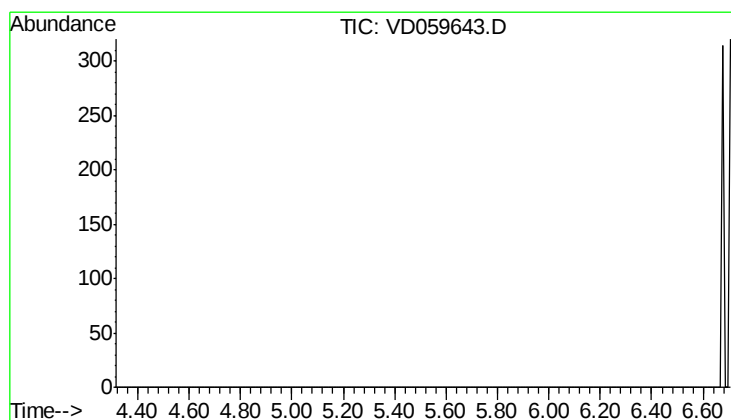
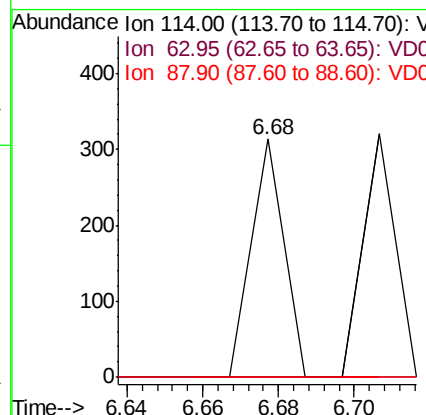
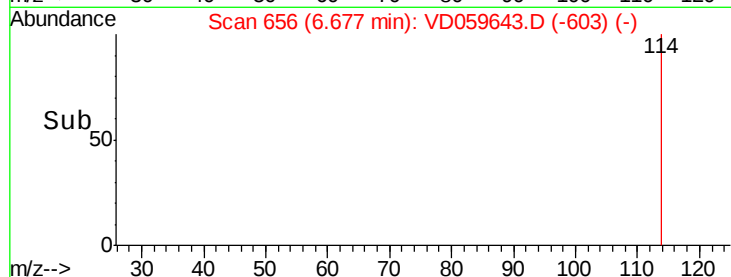
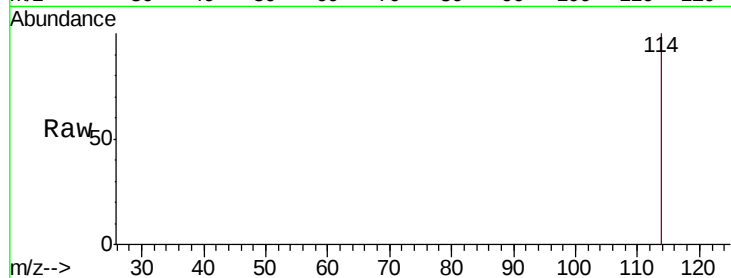




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059643.D
 Acq: 31 Jul 2018 2:56

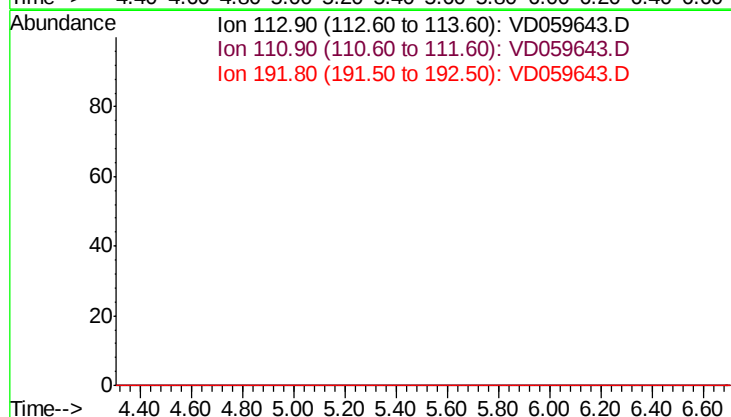
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-1

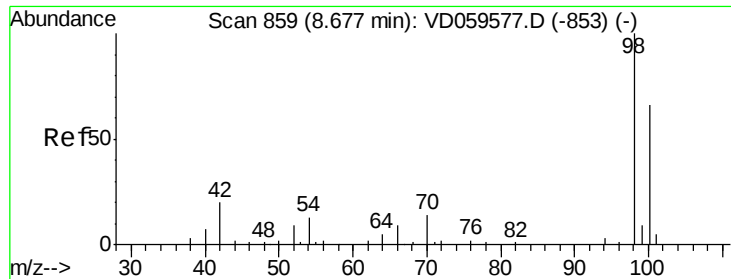
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	43.8
88	0.0	0.0	39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 Expected RT: 5.51 min
 Lab File: VD059643.D
 Acq: 31 Jul 2018 2:56

Tgt Ion	Exp Ratio
113	100
111	100.6
192	18.1

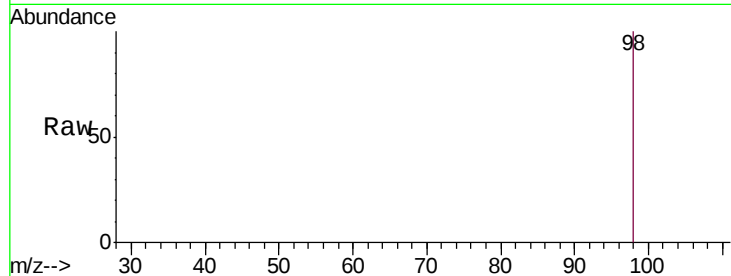




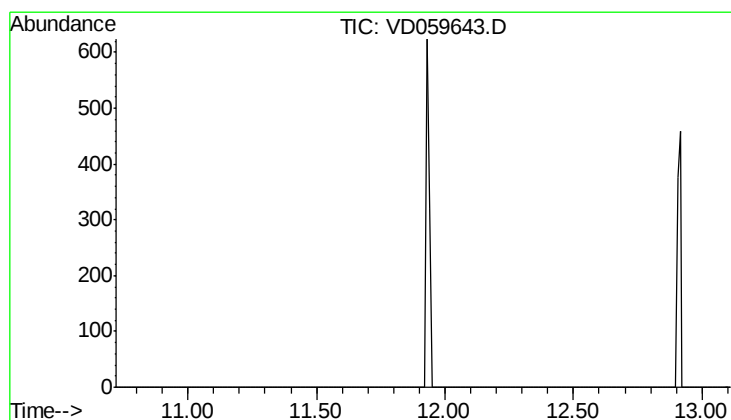
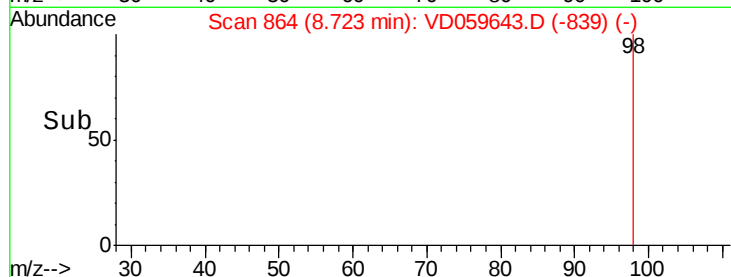
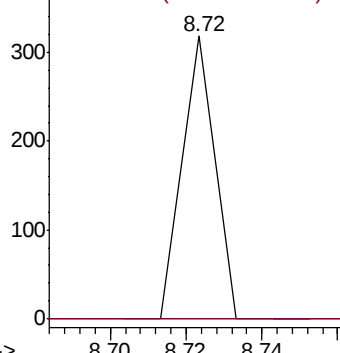
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 864
Delta R.T. 0.05 min
Lab File: VD059643.D
Acq: 31 Jul 2018 2:56

Instrument :
MSVOA_D
ClientSampleId :
SOIL-1

Tot Ion: 98 Resp: 188
Ion Ratio Lower Upper
98 100
100 0.0 53.2 79.8#

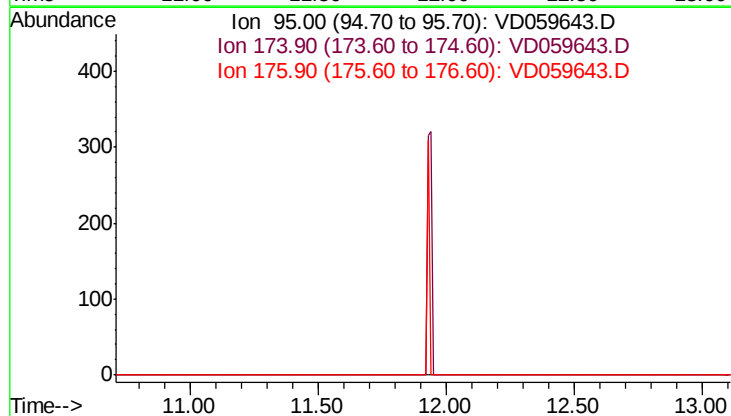


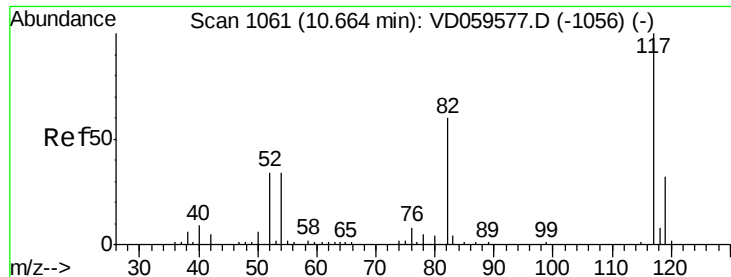
Abundance Ion 98.05 (97.75 to 98.75): VD059643.D
Ion 100.05 (99.75 to 100.75): VD059643.D



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
Expected RT: 11.91 min
Lab File: VD059643.D
Acq: 31 Jul 2018 2:56

Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.3
176 76.4

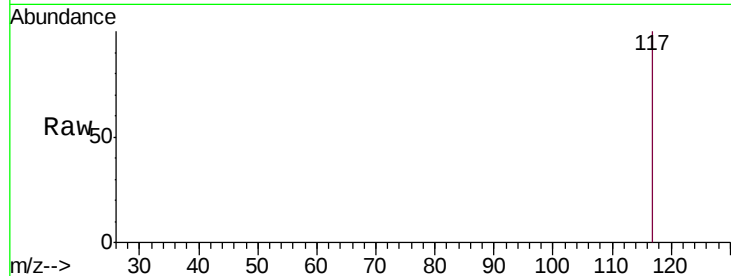




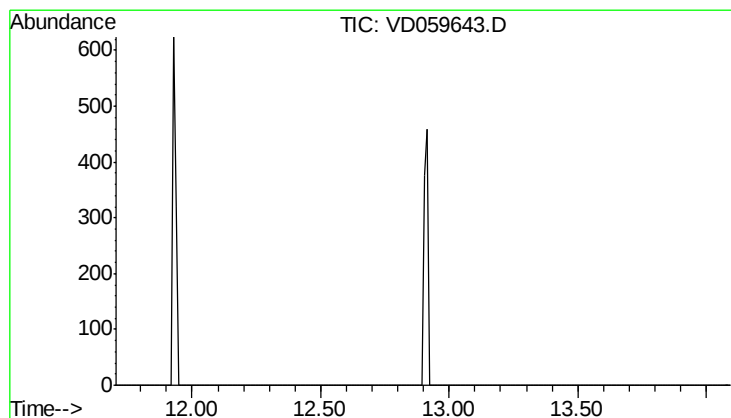
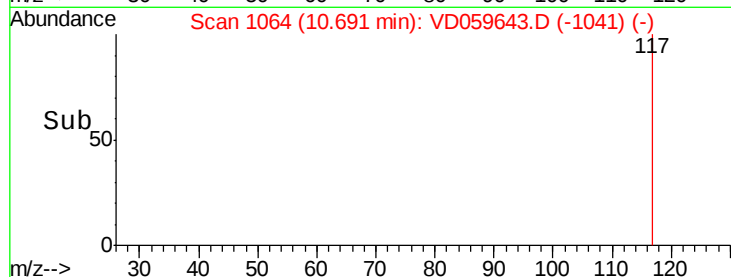
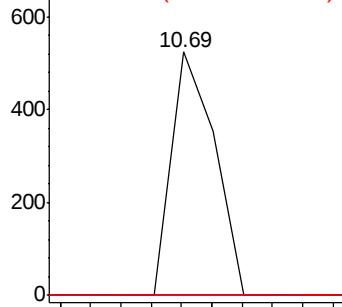
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.03 min
Lab File: VD059643.D
Acq: 31 Jul 2018 2:56

Instrument :
MSVOA_D
ClientSampleId :
SOIL-1

Tot Ion:117 Resp: 518
Ion Ratio Lower Upper
117 100
82 0.0 48.2 72.2#
119 0.0 25.4 38.2#



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD0
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 12.90 min

Lab File: VD059643.D
Acq: 31 Jul 2018 2:56

Tgt Ion: 152
Sig Exp Ratio
152 100
115 59.1
150 157.2

