

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101419\
 Data File : VD063954.D
 Acq On : 14 Oct 2019 14:29
 Operator : VA/SY
 Sample : K5339-01
 Misc : 6.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-BIN-1

Quant Time: Oct 14 17:30:09 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	177451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	299475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	287305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	88929	51.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.94%	
35) Dibromofluoromethane	7.92	113	92349	50.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.92%	
50) Toluene-d8	10.34	98	384217	51.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.63	95	115619	44.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.58%	

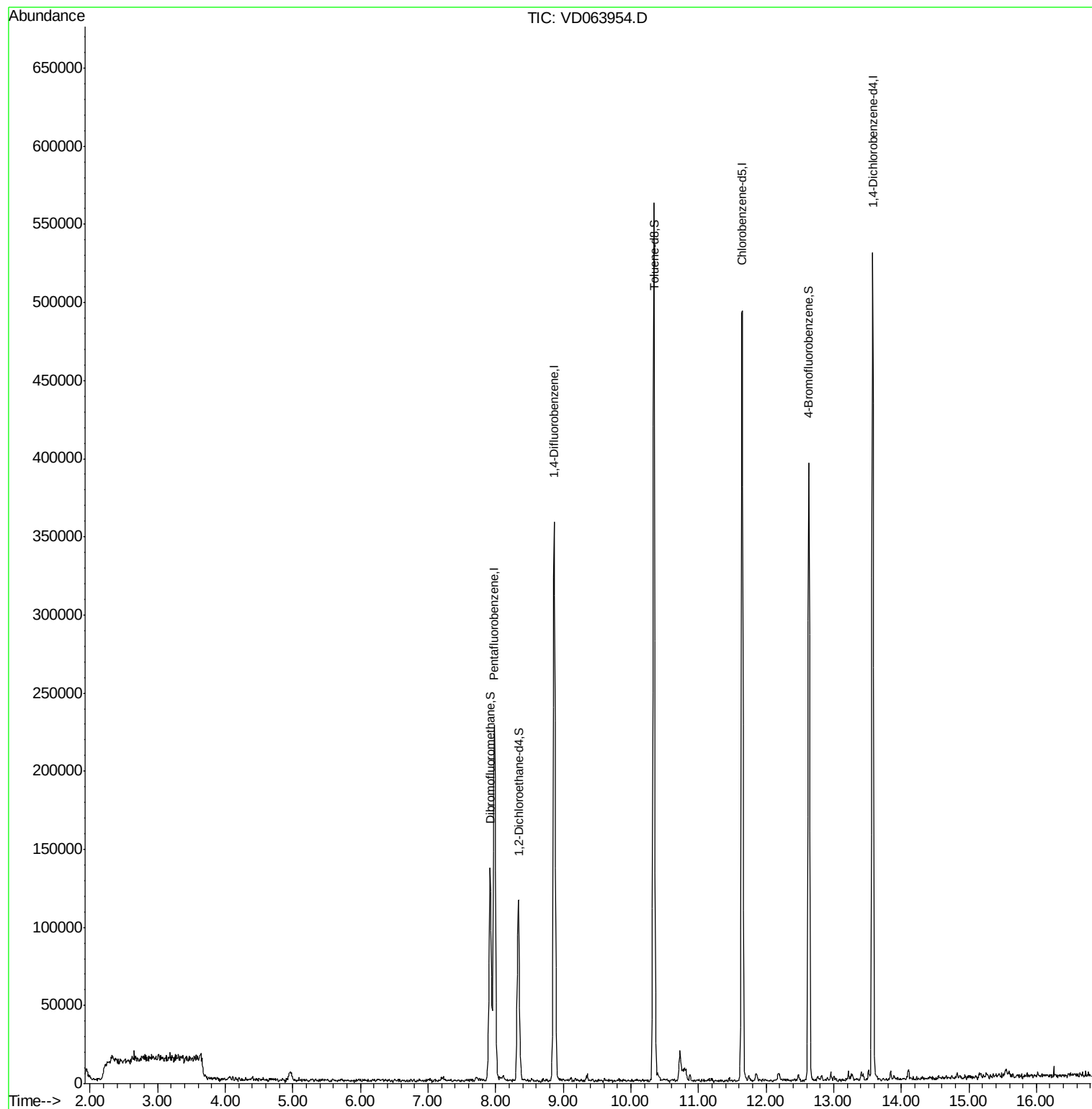
Target Compounds	Qvalue

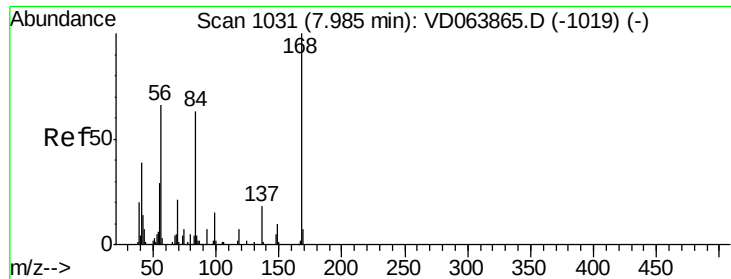
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063954.D

Acq: 14 Oct 2019 14:29

Instrument :

MSVOA_D

ClientSampleId :

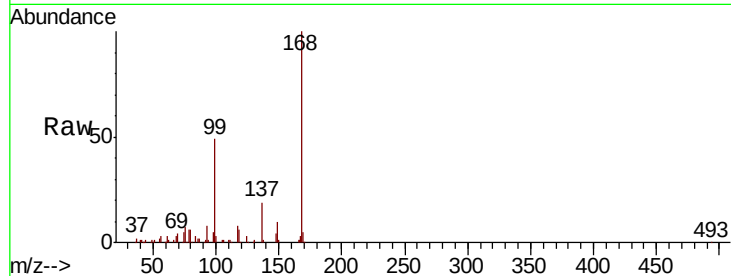
SOIL-BIN-1

Tot Ion:168 Resp: 177451

Ion Ratio Lower Upper

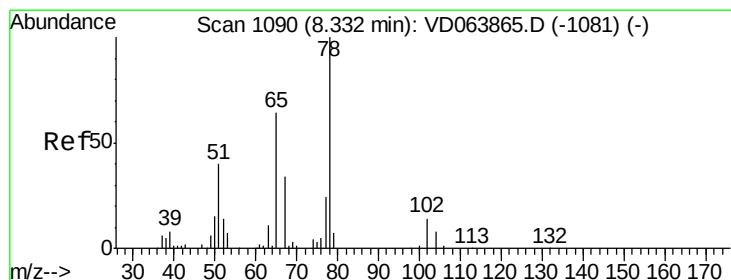
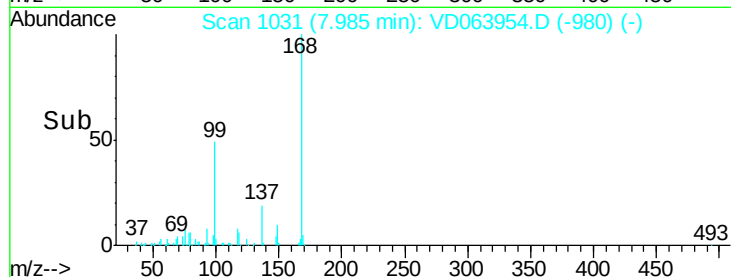
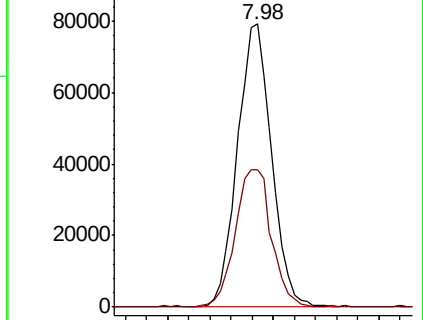
168 100

99 48.3 43.0 64.4



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: 51.475 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063954.D

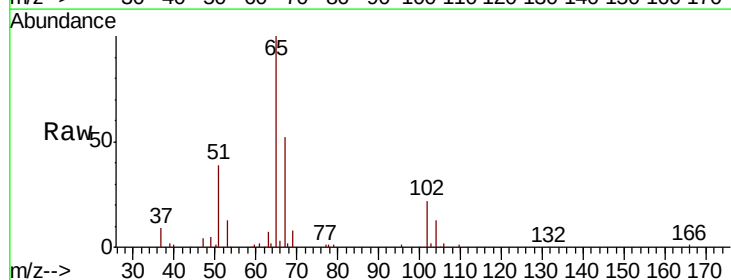
Acq: 14 Oct 2019 14:29

Tgt Ion: 65 Resp: 88929

Ion Ratio Lower Upper

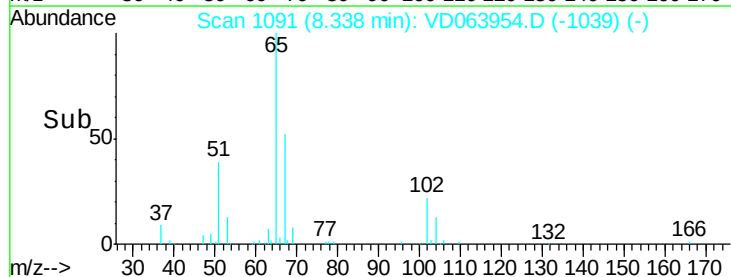
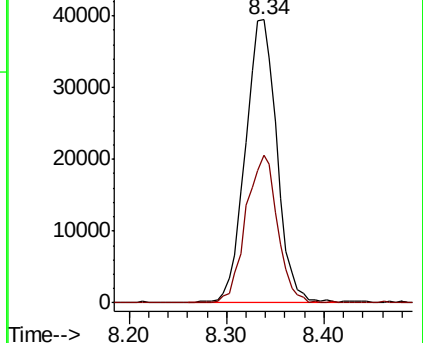
65 100

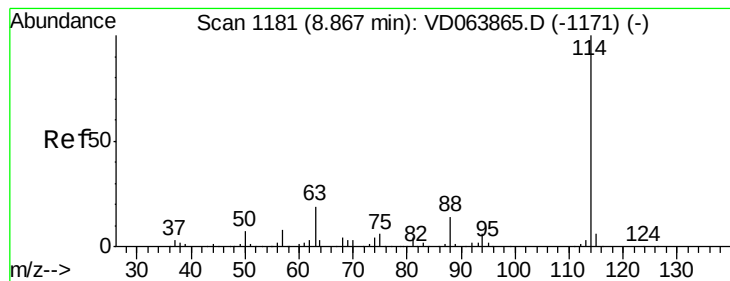
67 52.2 0.0 106.4



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: VD063954.D

Acq: 14 Oct 2019 14:29

Instrument :

MSVOA_D

ClientSampleId :

SOIL-BIN-1

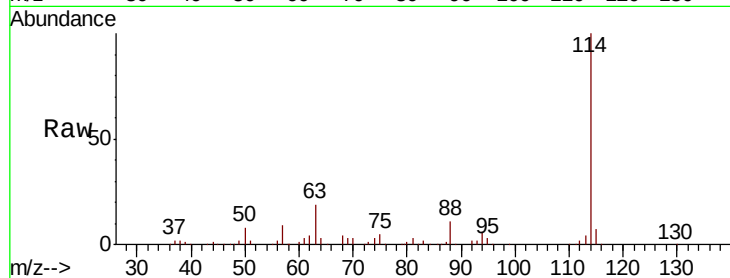
Tot Ion:114 Resp: 299475

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

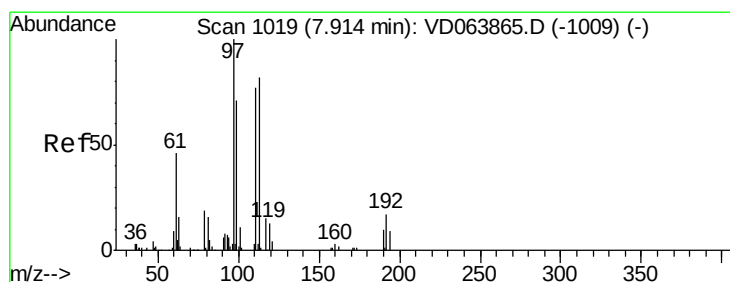
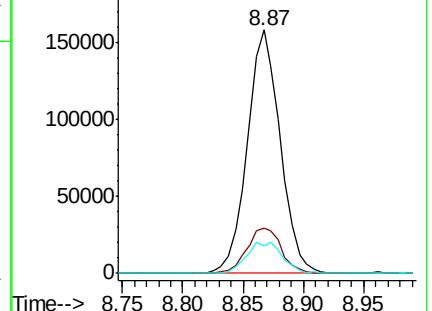
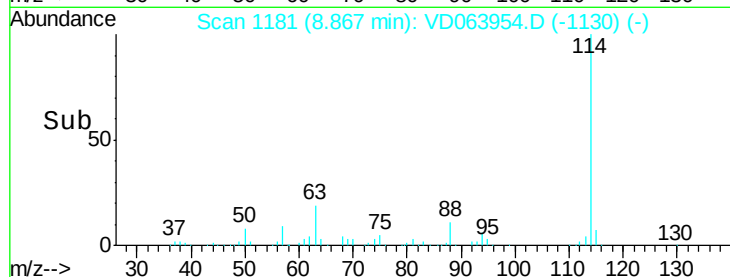
88 11.5 0.0 27.4



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: 50.459 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063954.D

Acq: 14 Oct 2019 14:29

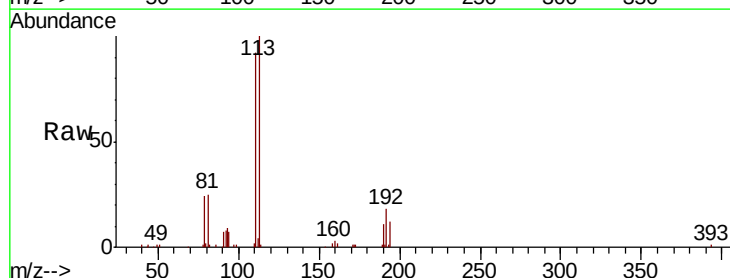
Tgt Ion:113 Resp: 92349

Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

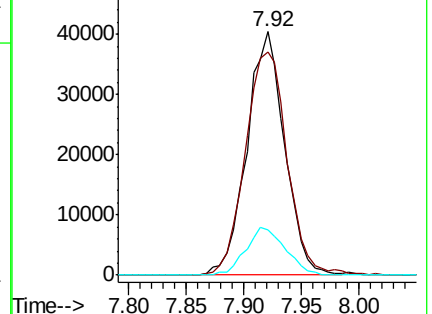
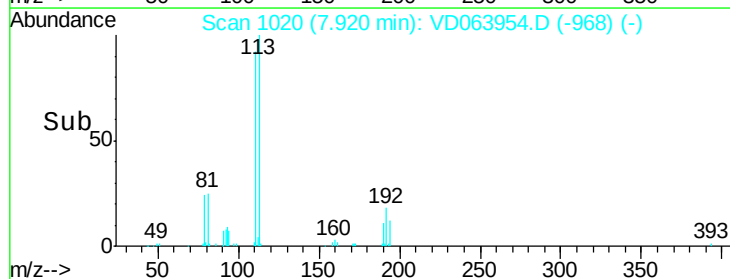
192 20.2 17.1 25.7

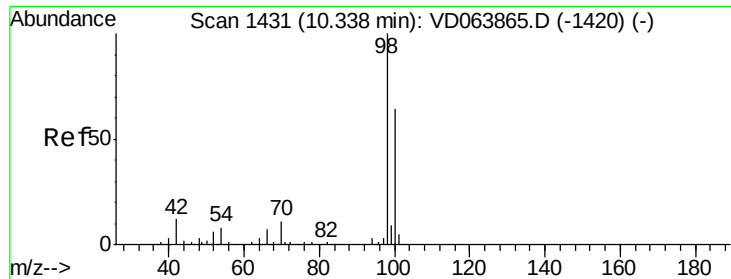


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

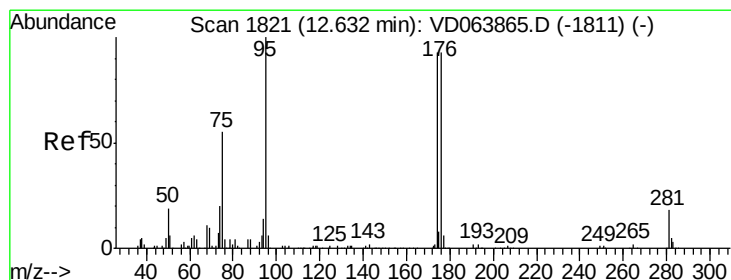
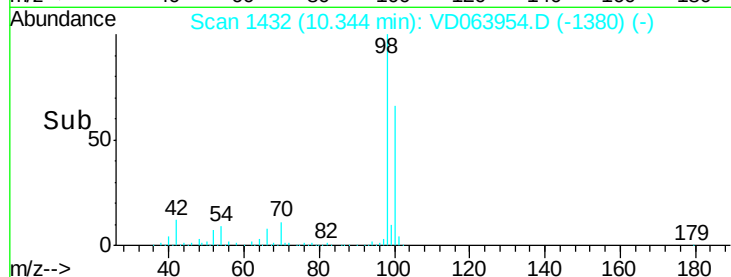
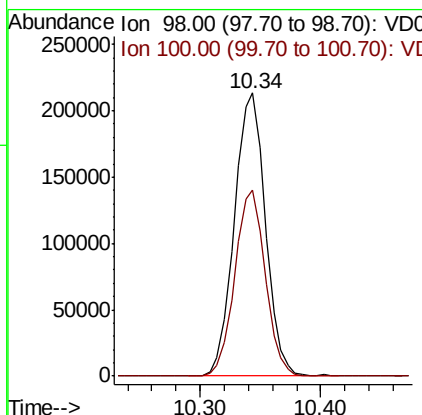
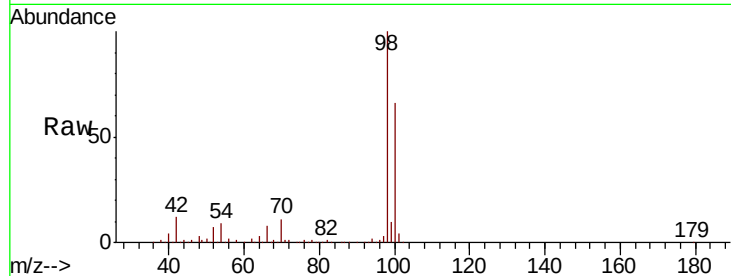




#50
Toluene-d8
Concen: 51.723 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063954.D
Acq: 14 Oct 2019 14:29

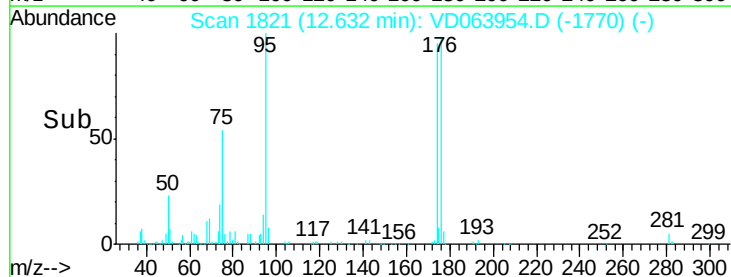
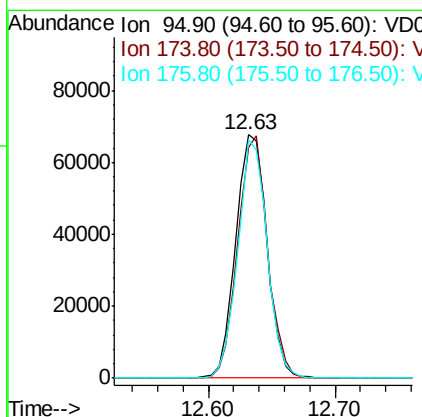
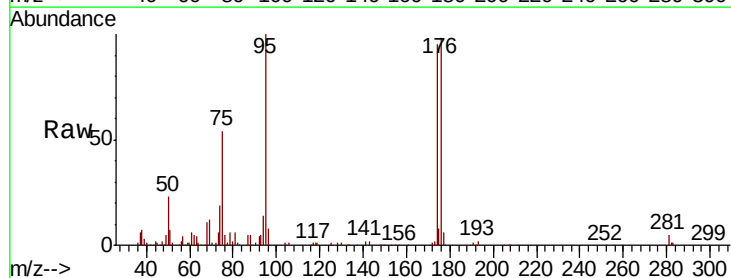
Instrument :
MSVOA_D
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SOIL-BIN-1

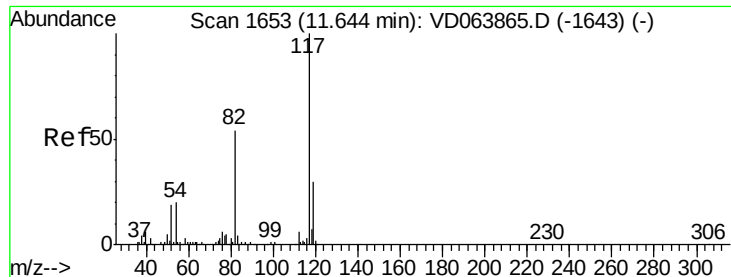
Tot Ion: 98 Resp: 384217
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.790 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063954.D
Acq: 14 Oct 2019 14:29

Tgt Ion: 95 Resp: 115619
Ion Ratio Lower Upper
95 100
174 94.6 0.0 186.4
176 91.8 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063954.D

Acq: 14 Oct 2019 14:29

Instrument :

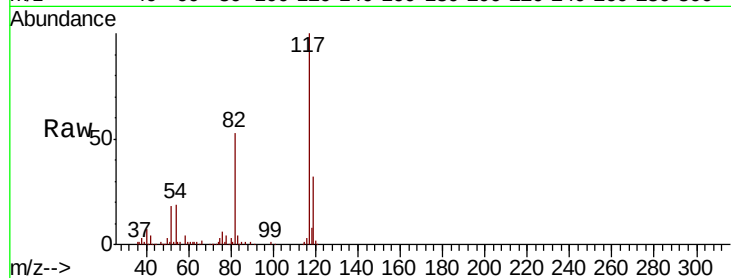
MSVOA_D

ClientSampleId :

SOIL-BIN-1

Tot Ion:117 Resp: 287305

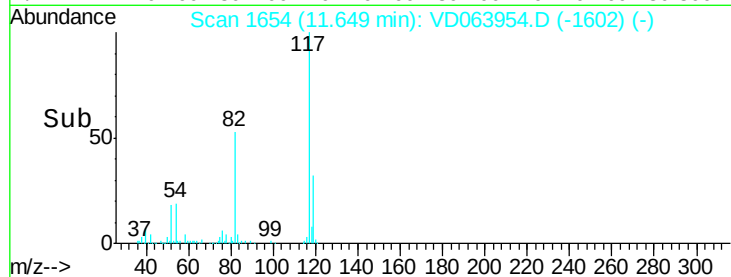
Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.8	64.2
119	32.2	24.4	36.6



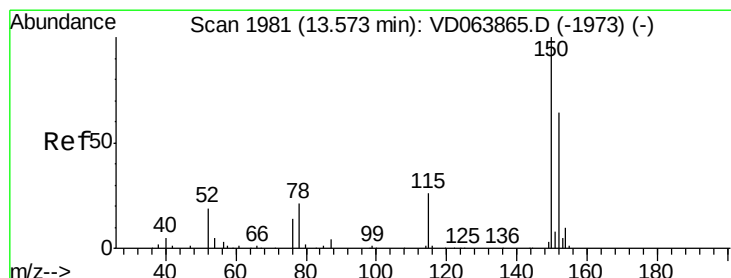
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

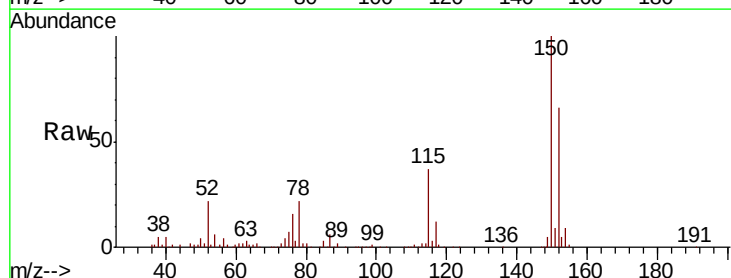
Delta R.T. 0.01 min

Lab File: VD063954.D

Acq: 14 Oct 2019 14:29

Tgt Ion:152 Resp: 138856

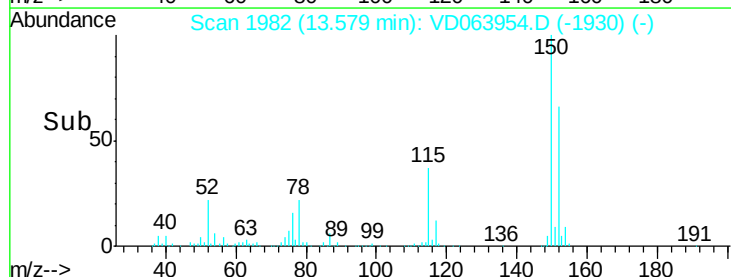
Ion	Ratio	Lower	Upper
152	100		
115	53.6	25.9	77.7
150	152.0	0.0	344.2



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



Time-->