

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063185.D
 Acq On : 22 Jul 2019 19:01
 Operator : VA/AP
 Sample : K3900-01
 Misc : 5.80g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP

Quant Time: Jul 23 08:45:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	881358	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	1303537	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	1098503	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	568360	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	688101	62.67	ug/l	0.02
Spiked Amount 50.000			Recovery	=	125.34%	
35) Dibromofluoromethane	6.93	113	755777	58.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.42%	
50) Toluene-d8	10.42	98	1603860	57.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.02%	
62) 4-Bromofluorobenzene	13.56	95	661064	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	

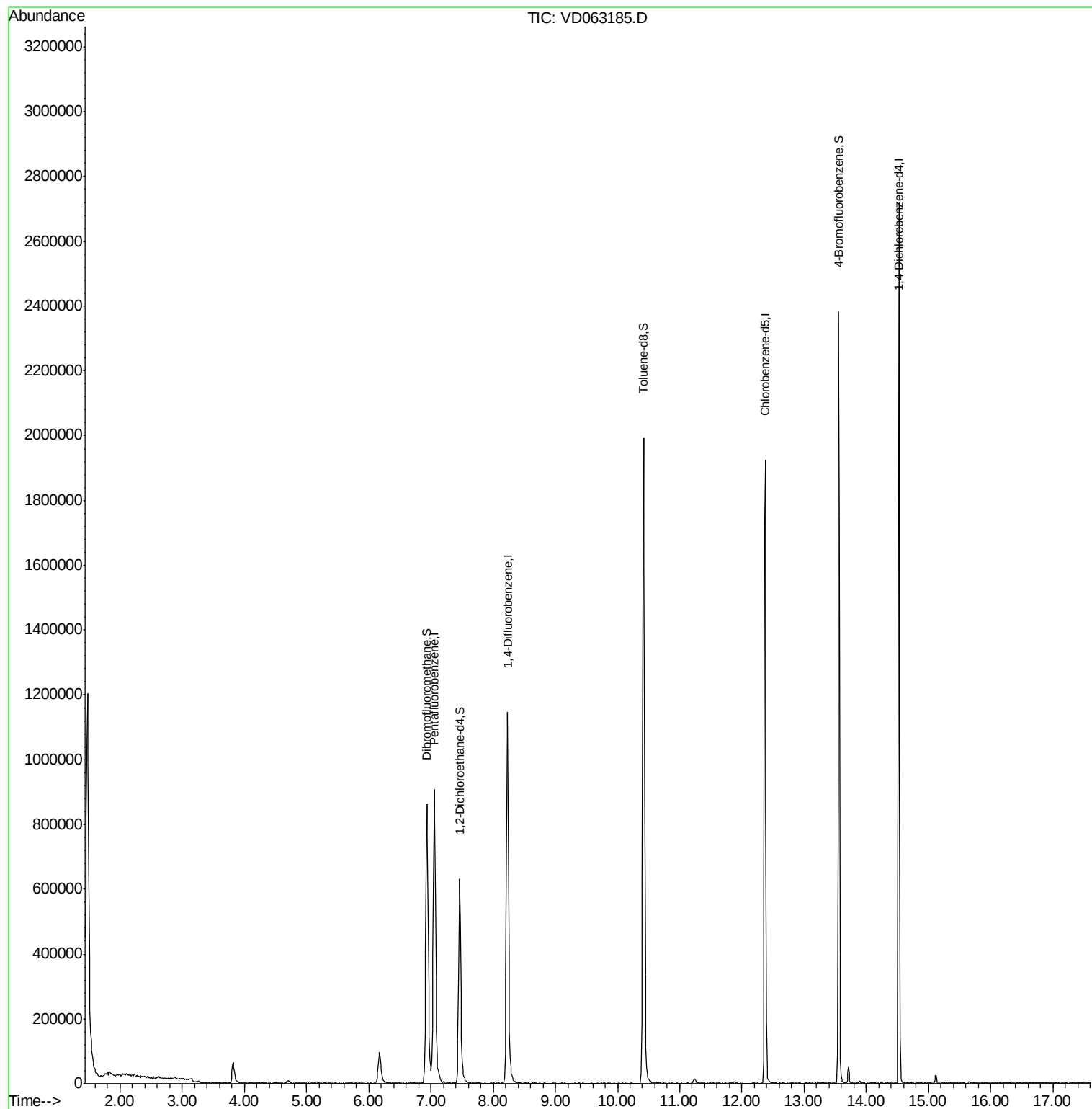
Target Compounds	Qvalue
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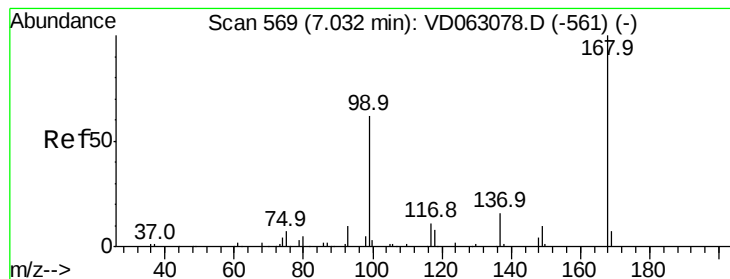
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD063185.D

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Instrument :

MSVOA_D

ClientSampleId :

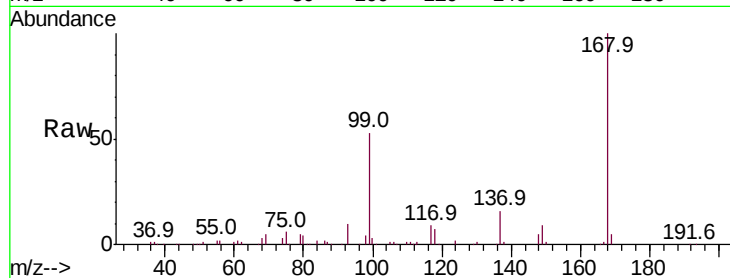
SOIL-COMP

Tot Ion:168 Resp: 881358

Ion Ratio Lower Upper

168 100

99 53.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

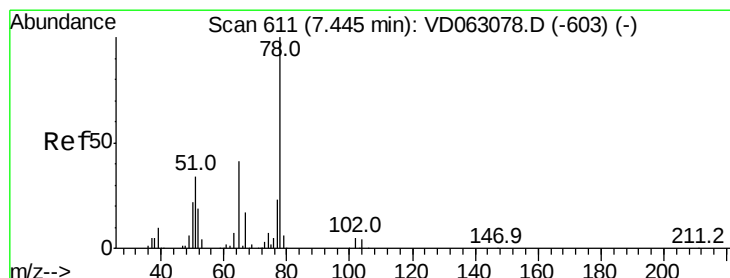
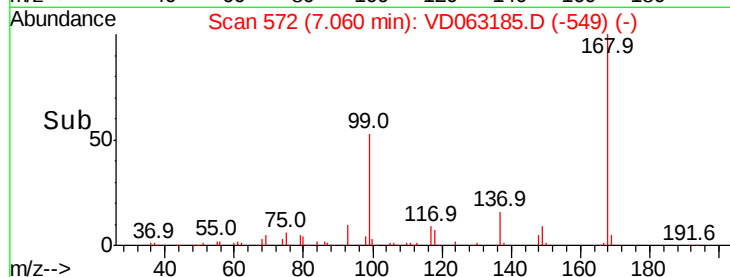
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 62.674 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063185.D

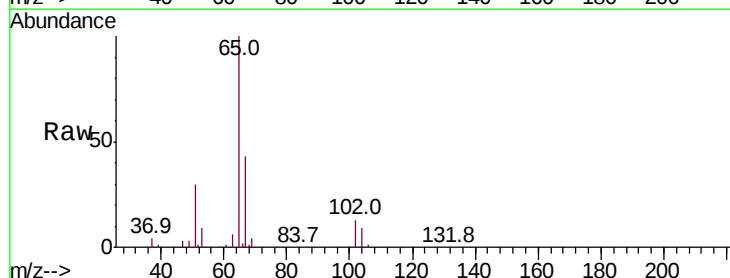
Acq: 22 Jul 2019 19:01

Tgt Ion: 65 Resp: 688101

Ion Ratio Lower Upper

65 100

67 43.2 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

300000

250000

200000

150000

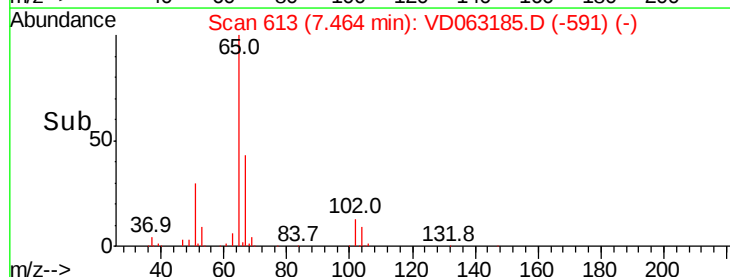
100000

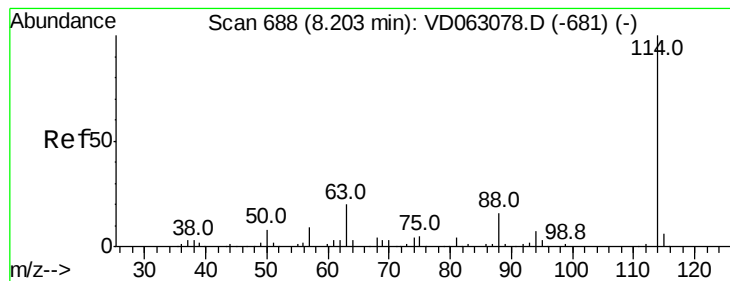
50000

0

Time-->

7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD063185.D

Acq: 22 Jul 2019 19:01

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP

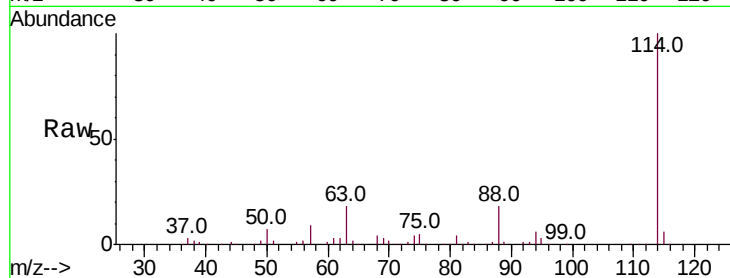
Tot Ion:114 Resp: 1303537

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.6

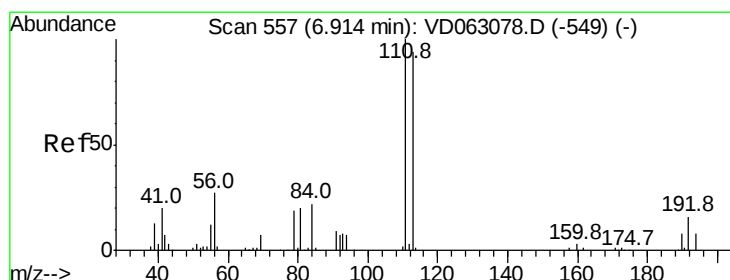
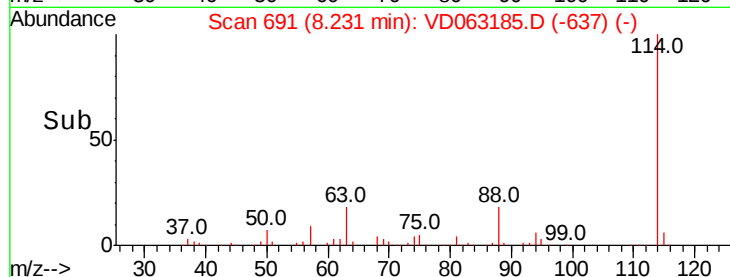
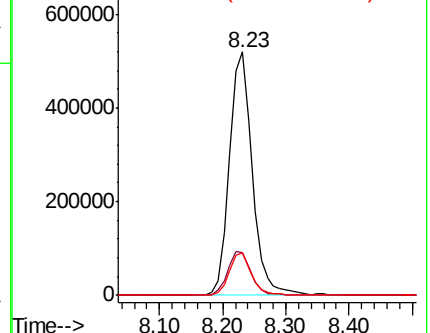
88 17.6 0.0 32.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 58.210 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063185.D

Acq: 22 Jul 2019 19:01

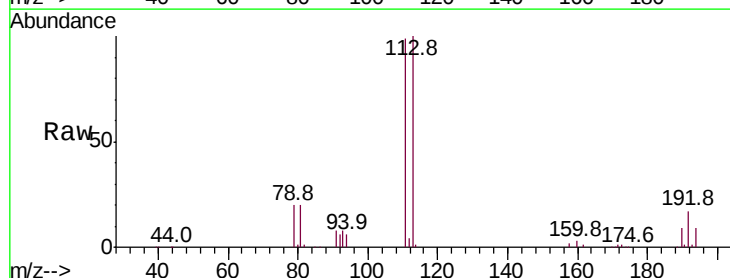
Tgt Ion:113 Resp: 755777

Ion Ratio Lower Upper

113 100

111 99.0 84.8 127.2

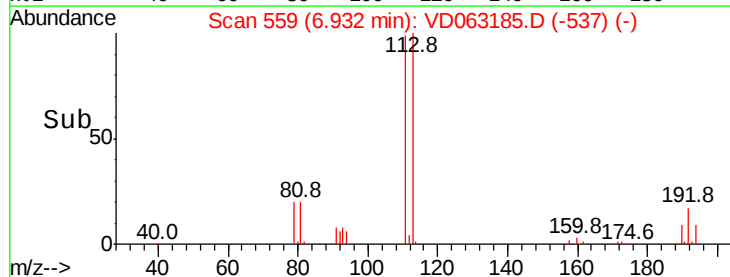
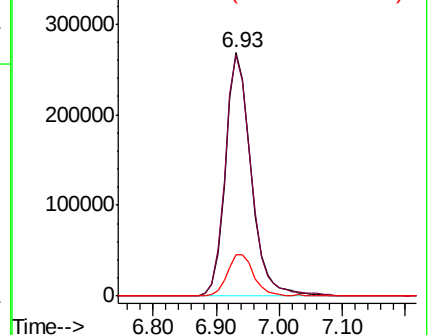
192 16.8 13.4 20.0

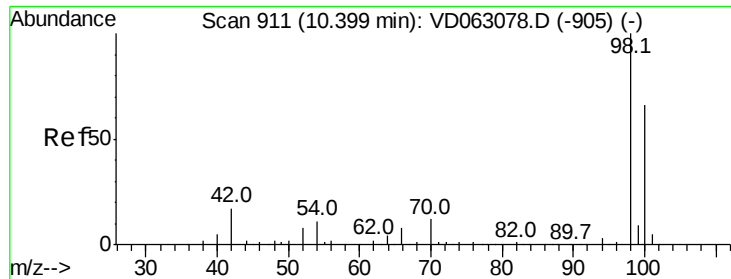


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

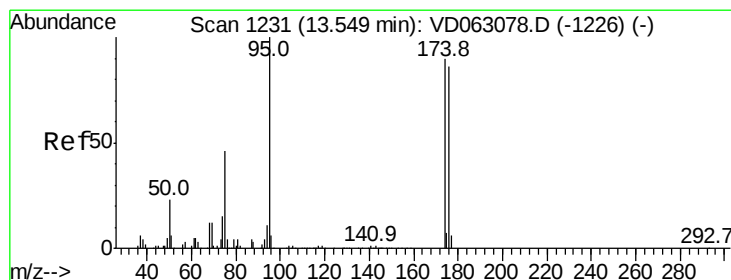
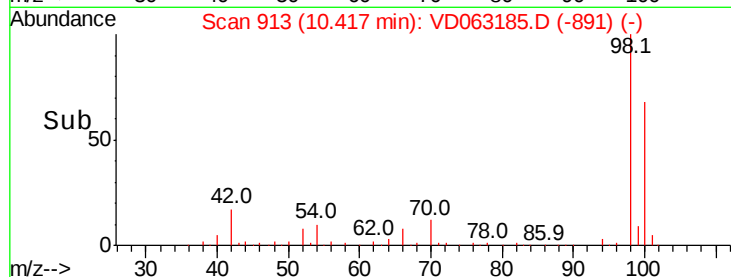
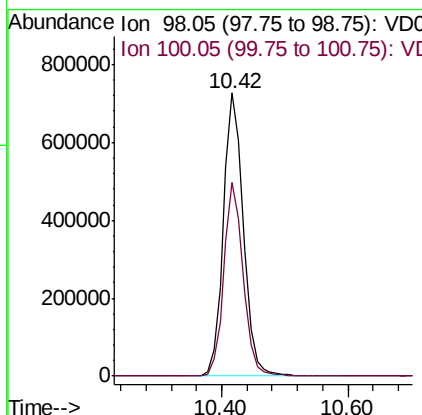
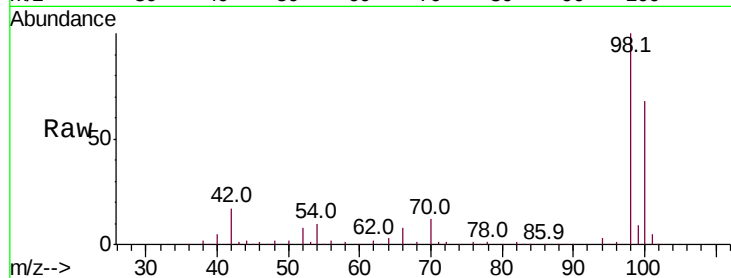




#50
Toluene-d8
Concen: 57.509 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD063185.D
Acq: 22 Jul 2019 19:01

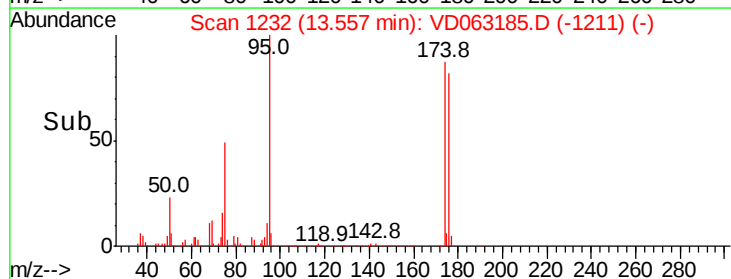
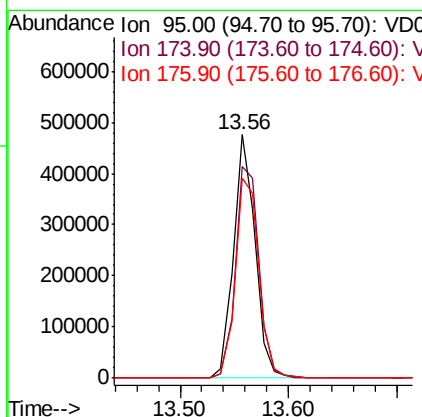
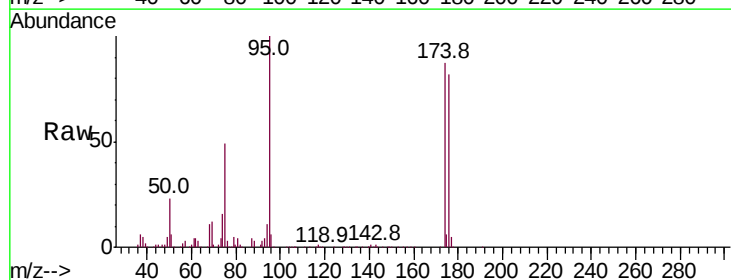
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP

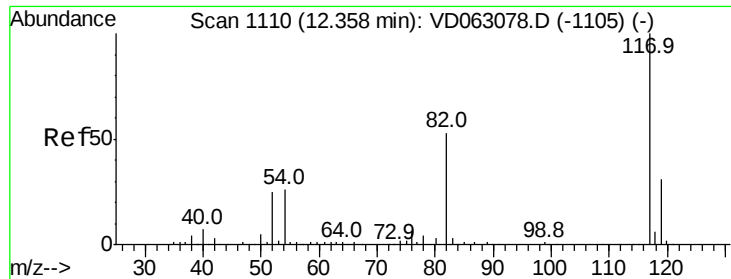
Tot Ion: 98 Resp: 1603860
Ion Ratio Lower Upper
98 100
100 68.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.236 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063185.D
Acq: 22 Jul 2019 19:01

Tgt Ion: 95 Resp: 661064
Ion Ratio Lower Upper
95 100
174 86.7 0.0 180.6
176 82.3 0.0 172.2

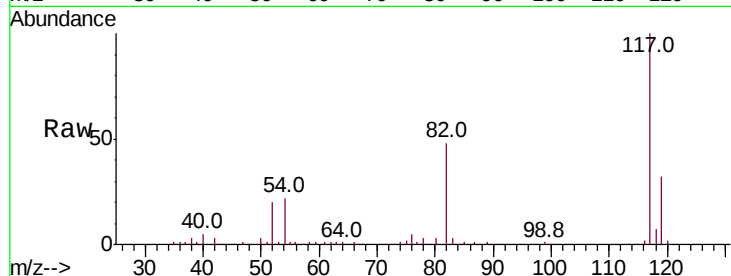




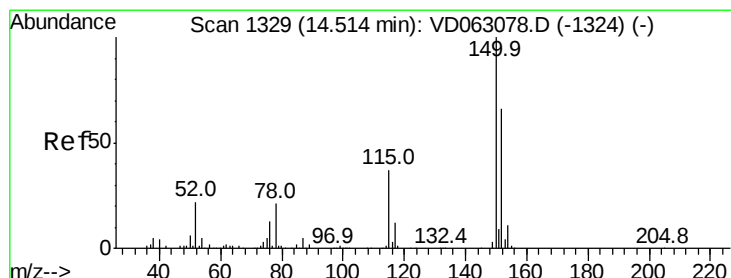
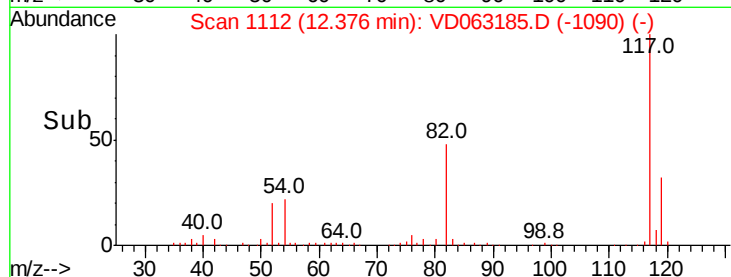
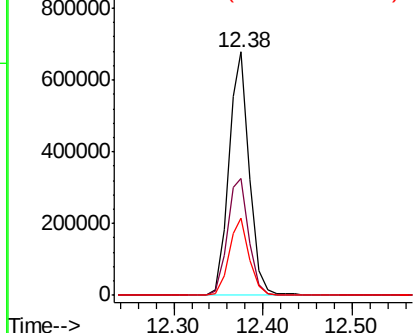
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD063185.D
Acq: 22 Jul 2019 19:01

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP

Tot Ion:117 Resp: 1098503
Ion Ratio Lower Upper
117 100
82 48.2 42.3 63.5
119 31.6 25.2 37.8

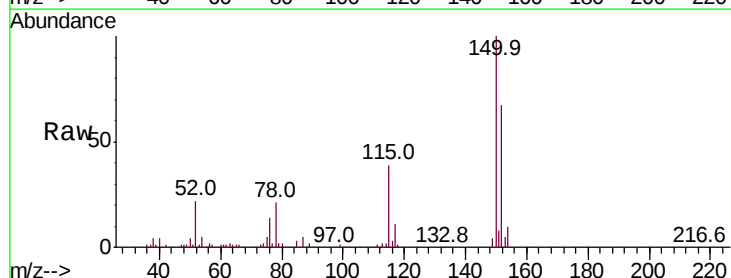


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063185.D
Acq: 22 Jul 2019 19:01

Tgt Ion:152 Resp: 568360
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 149.4 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

