

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063567.D
 Acq On : 14 Aug 2019 11:11
 Operator : JC/SY
 Sample : K4241-01
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTOWA-SOIL

Quant Time: Aug 14 11:45:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1045964	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1493324	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1234357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	520294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	527328	47.16	ug/l	-0.02
Spiked Amount						
			Recovery	=		94.32%
35) Dibromofluoromethane	6.93	113	536707	42.67	ug/l	0.00
Spiked Amount						
			Recovery	=		85.34%
50) Toluene-d8	10.41	98	1092450	39.51	ug/l	0.00
Spiked Amount						
			Recovery	=		79.02%
62) 4-Bromofluorobenzene	13.55	95	452344	36.09	ug/l	0.00
Spiked Amount						
			Recovery	=		72.18%

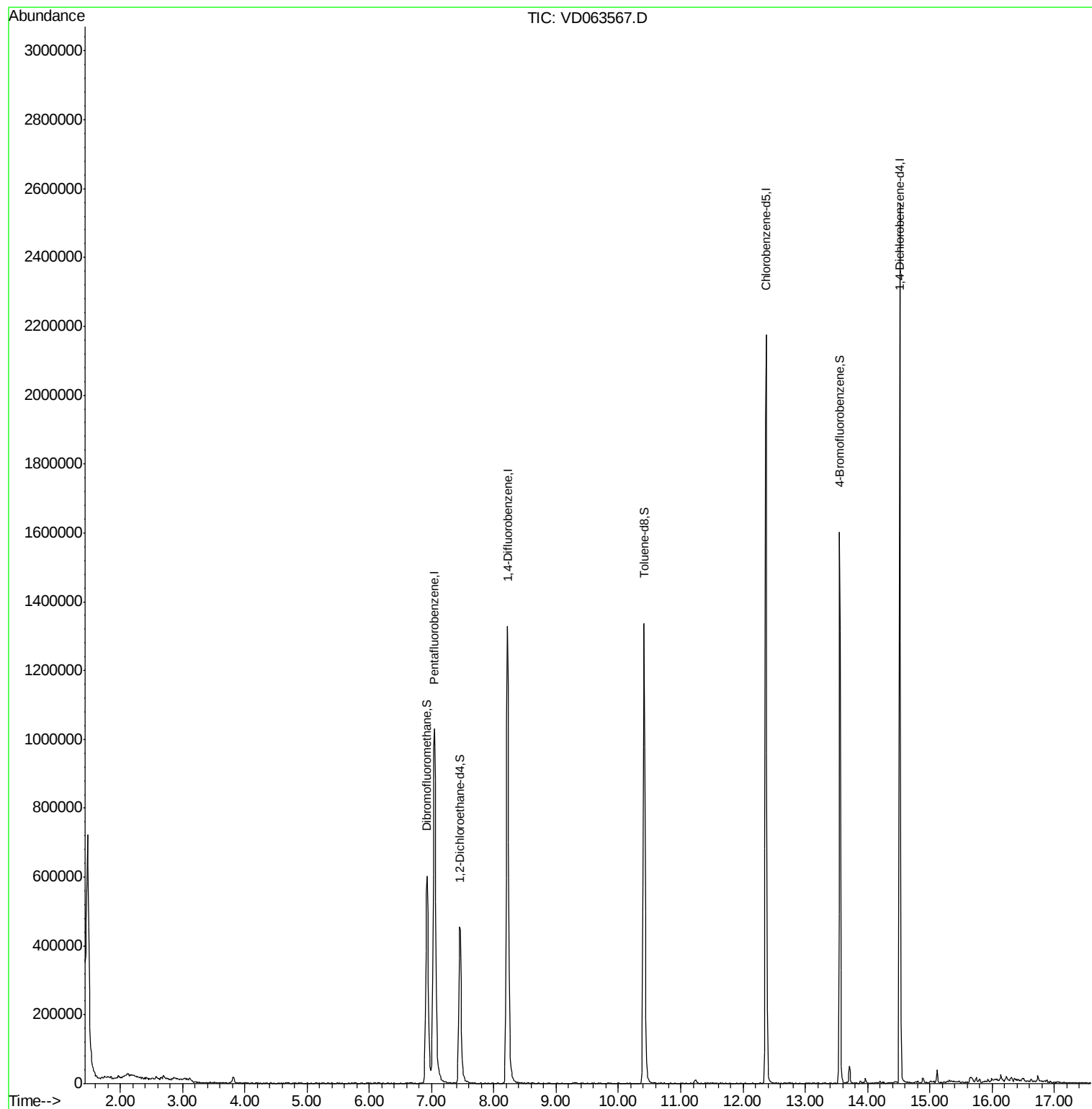
Target Compounds	Qvalue
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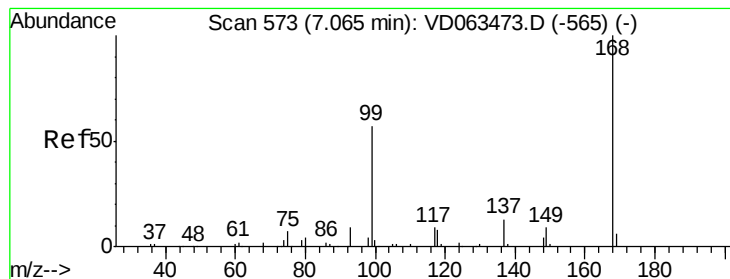
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063567.D

Acq: 14 Aug 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

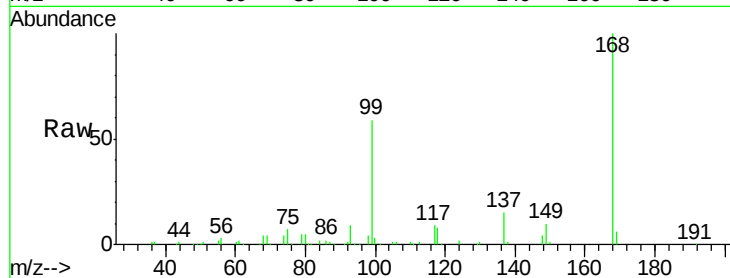
TOTOWA-SOIL

Tot Ion:168 Resp: 1045964

Ion Ratio Lower Upper

168 100

99 58.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

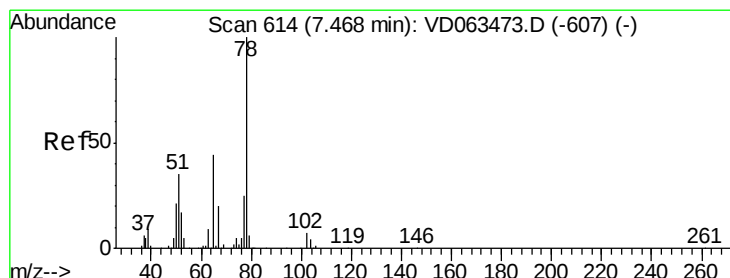
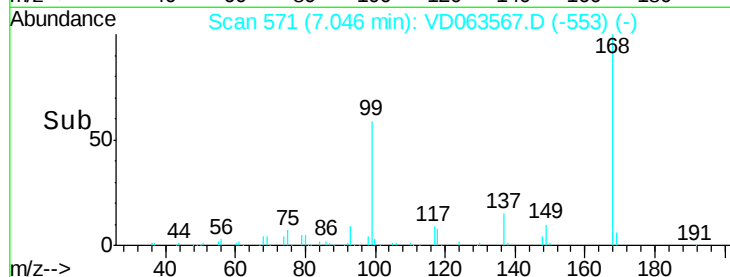
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.165 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063567.D

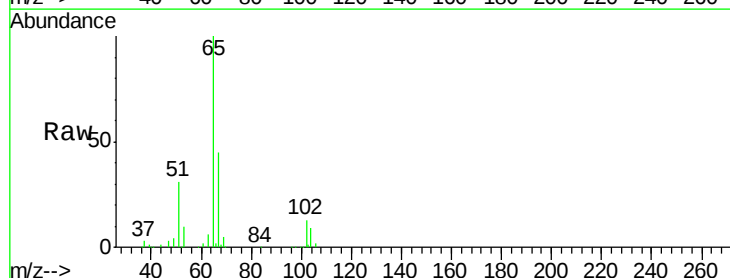
Acq: 14 Aug 2019 11:11

Tgt Ion: 65 Resp: 527328

Ion Ratio Lower Upper

65 100

67 45.0 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

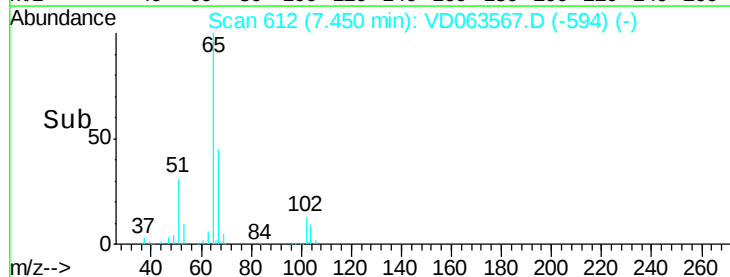
100000

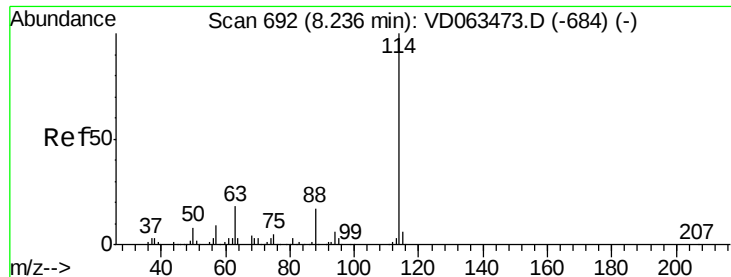
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063567.D

Acq: 14 Aug 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

TOTOWA-SOIL

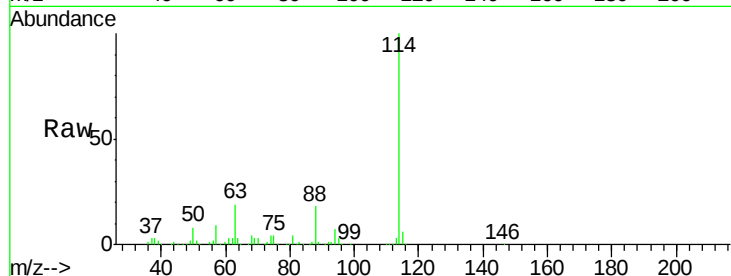
Tot Ion:114 Resp: 1493324

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

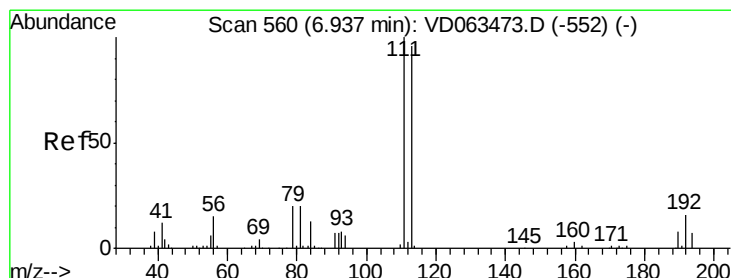
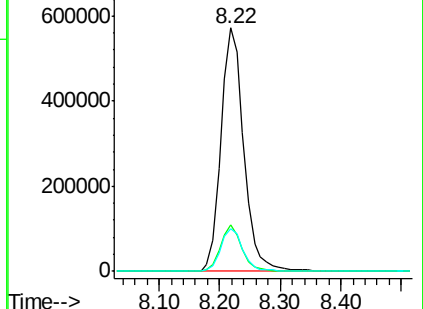
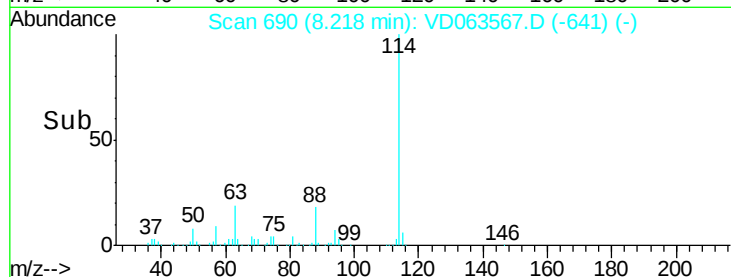
88 17.6 0.0 35.0



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: 42.674 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063567.D

Acq: 14 Aug 2019 11:11

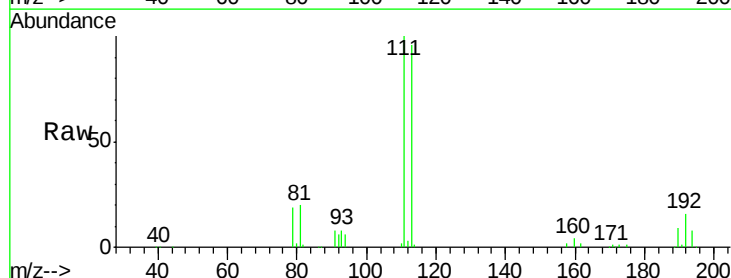
Tgt Ion:113 Resp: 536707

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

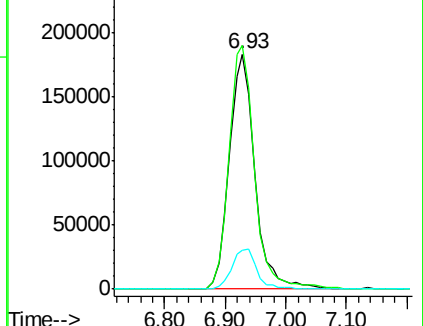
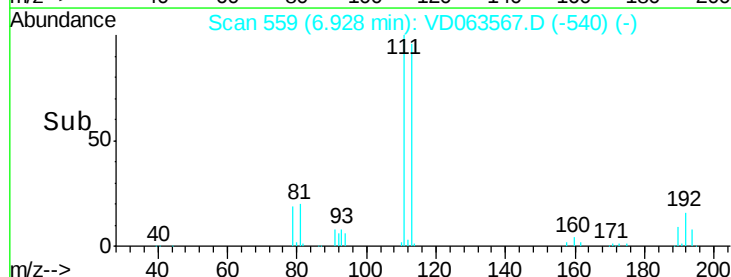
192 16.7 13.1 19.7

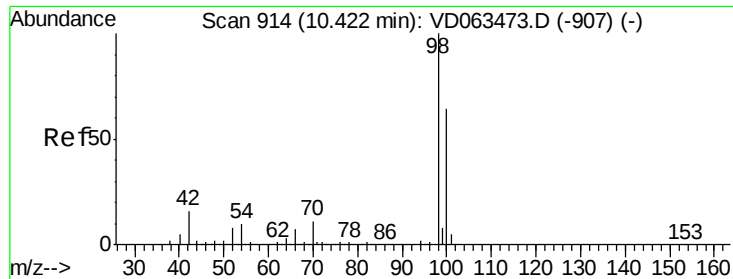


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

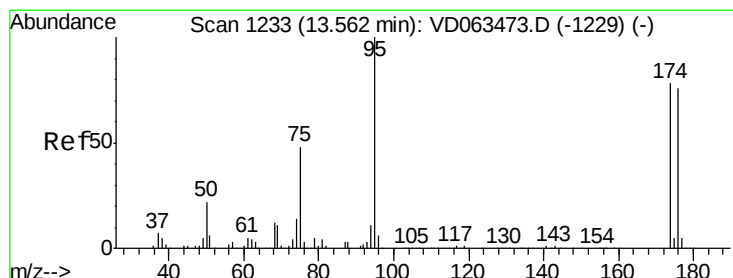
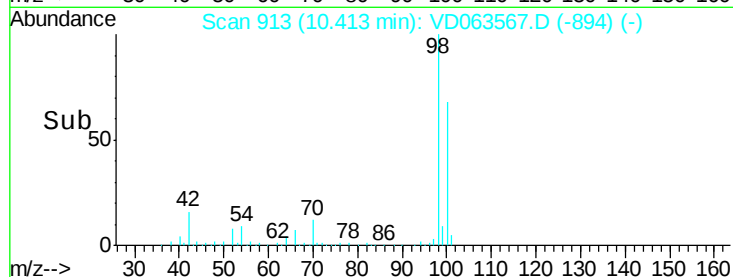
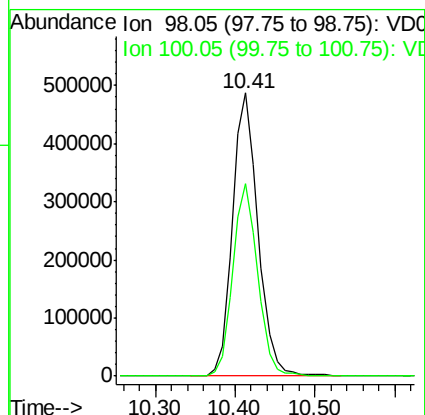
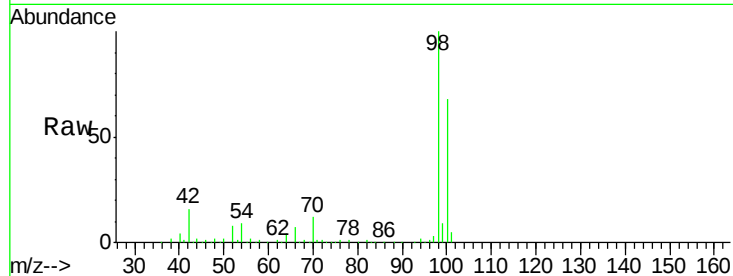




#50
Toluene-d8
Concen: 39.509 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063567.D
Acq: 14 Aug 2019 11:11

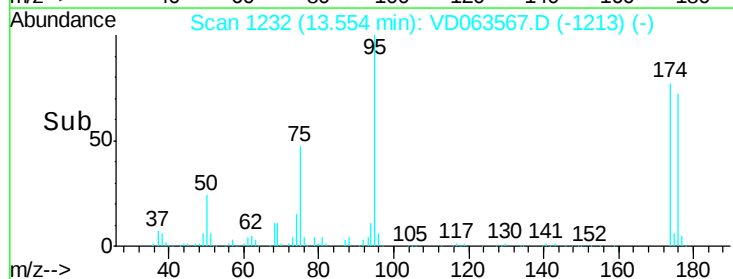
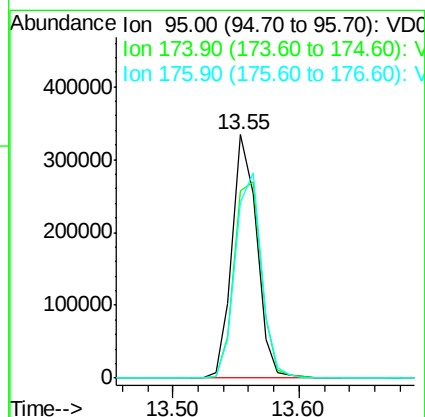
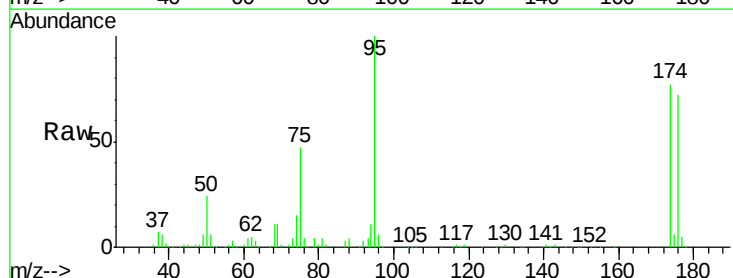
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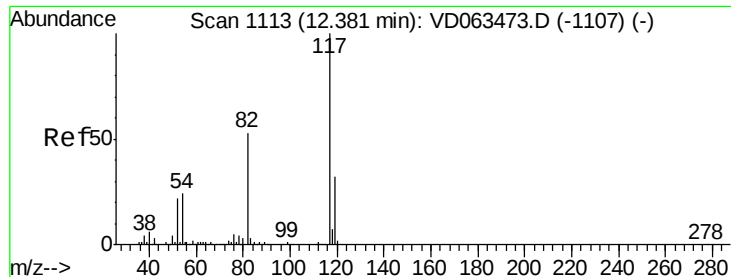
Tot Ion: 98 Resp: 1092450
Ion Ratio Lower Upper
98 100
100 68.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 36.094 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063567.D
Acq: 14 Aug 2019 11:11

Tgt Ion: 95 Resp: 452344
Ion Ratio Lower Upper
95 100
174 76.7 0.0 155.4
176 72.4 0.0 152.4

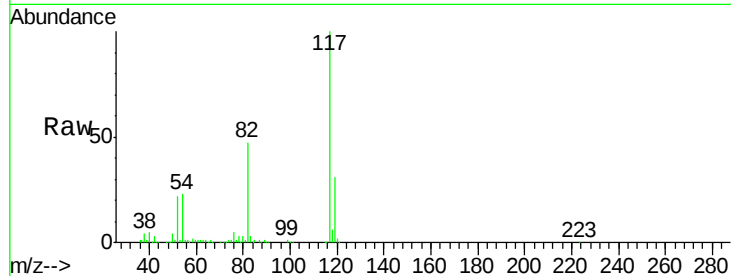




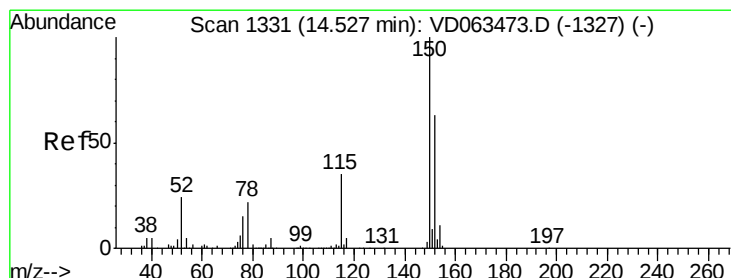
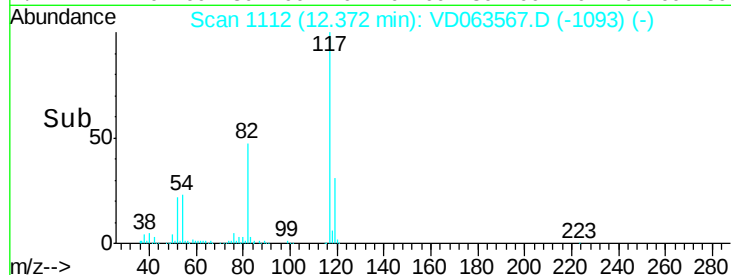
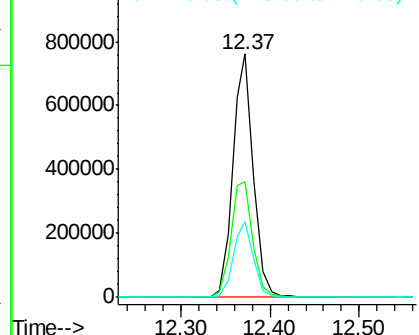
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063567.D
Acq: 14 Aug 2019 11:11

Instrument :
MSVOA_D
ClientSampleId :
TOTOWA-SOIL

Tot Ion:117 Resp: 1234357
Ion Ratio Lower Upper
117 100
82 47.3 42.0 63.0
119 31.4 25.4 38.0

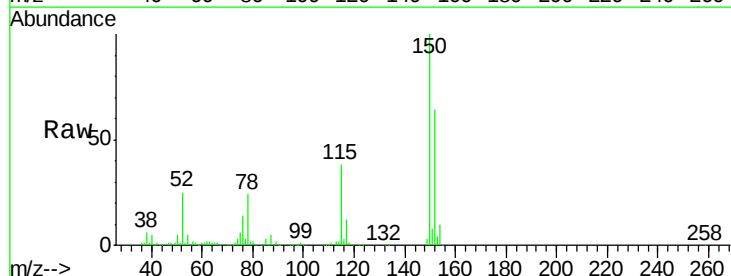


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063567.D
Acq: 14 Aug 2019 11:11

Tgt Ion:152 Resp: 520294
Ion Ratio Lower Upper
152 100
115 58.9 30.9 92.7
150 156.4 0.0 318.6



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

