

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063546.D
 Acq On : 13 Aug 2019 23:53
 Operator : JC/SY
 Sample : K4290-05
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5

Quant Time: Aug 14 09:43:54 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	7.06	168	522760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	828259	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	757166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	416734	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	312677	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	6.93	113	338324	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.41	98	642883	41.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.84%	
62) 4-Bromofluorobenzene	13.55	95	324003	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

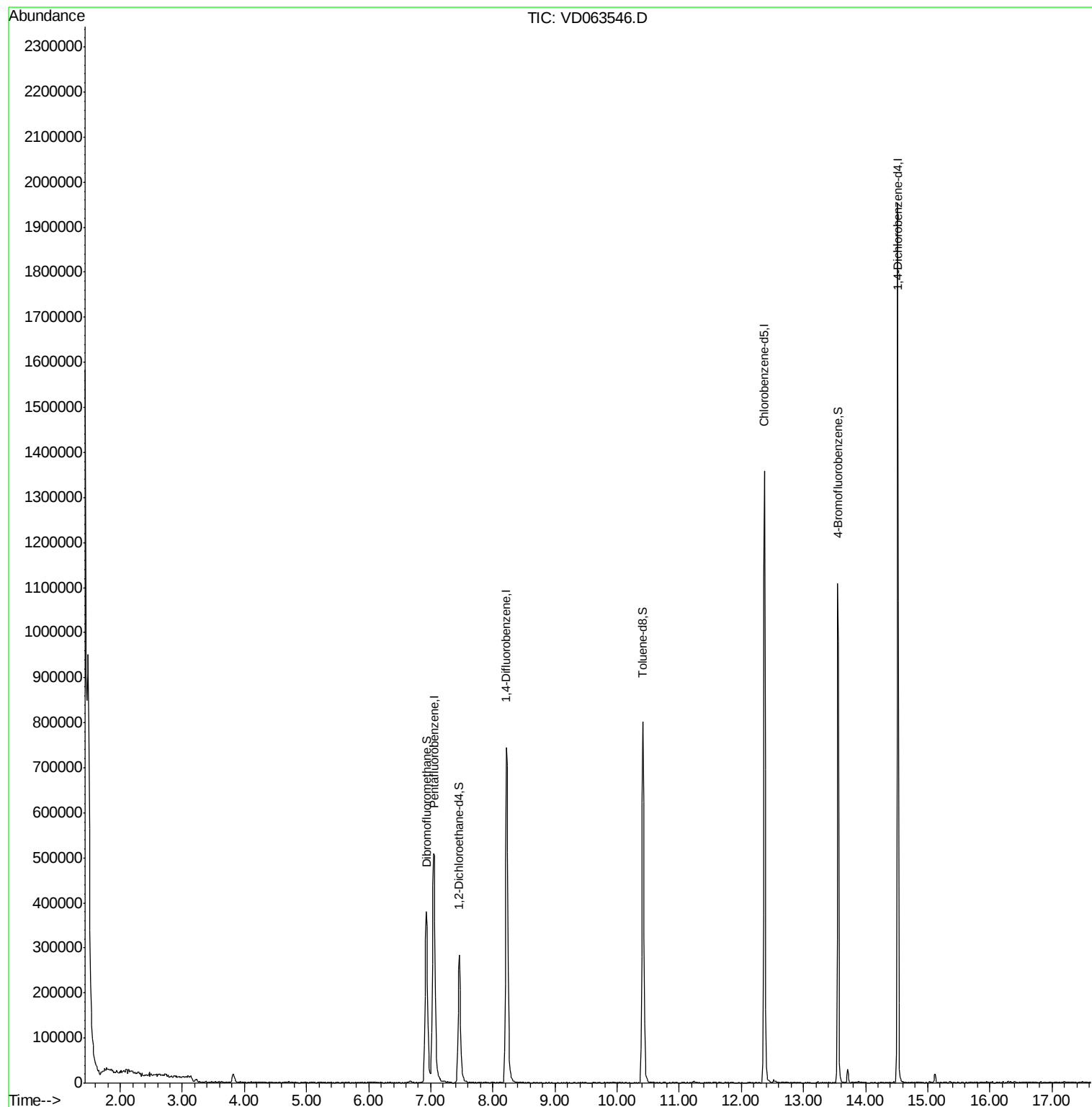
Target Compounds	Qvalue

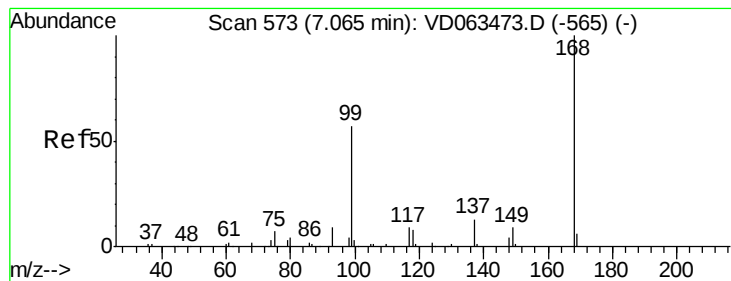
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063546.D

Acq: 13 Aug 2019 23:53

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MSVOA_D

ClientSampleId :

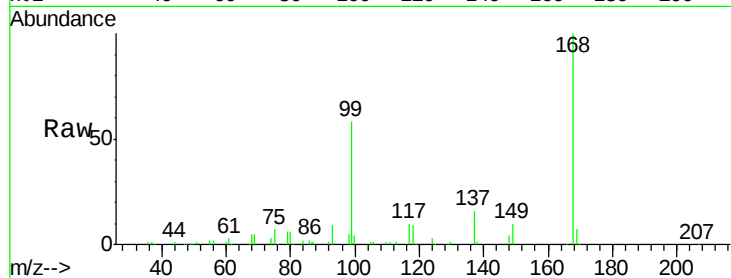
B-5

Tot Ion:168 Resp: 522760

Ion Ratio Lower Upper

168 100

99 58.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

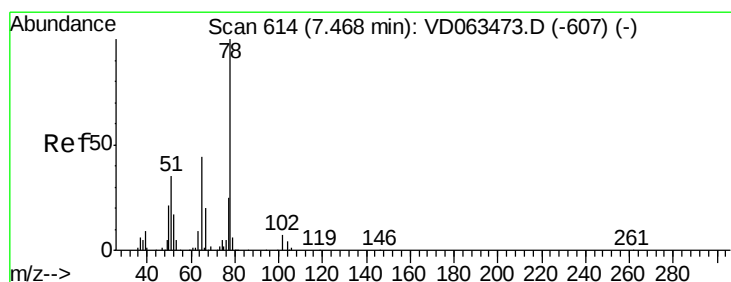
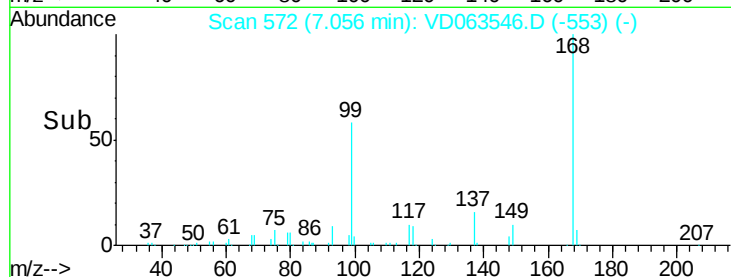
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 55.956 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063546.D

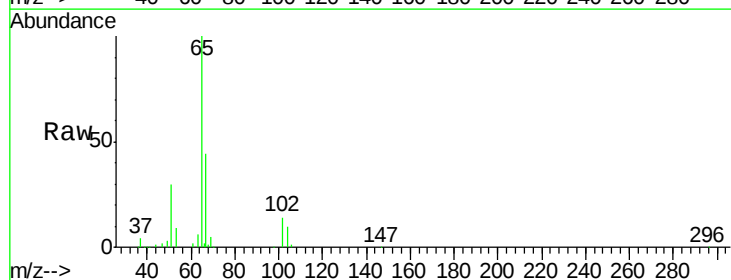
Acq: 13 Aug 2019 23:53

Tgt Ion: 65 Resp: 312677

Ion Ratio Lower Upper

65 100

67 44.5 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

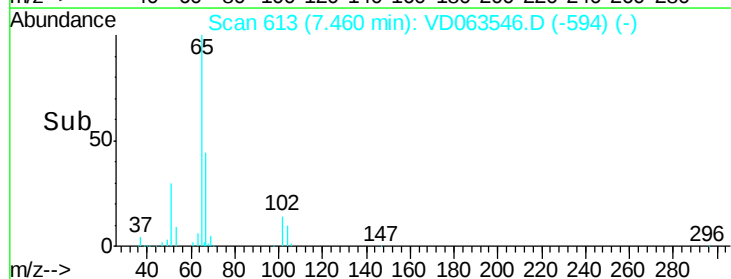
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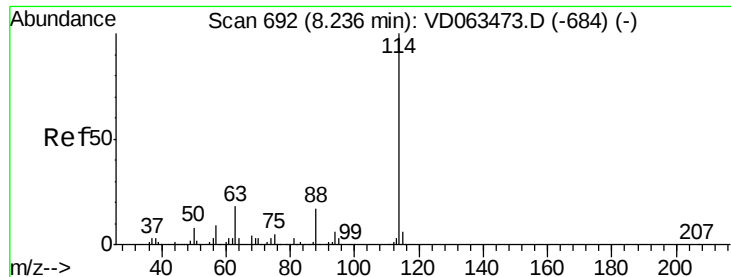
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063546.D

Acq: 13 Aug 2019 23:53

Instrument :

MSVOA_D

ClientSampleId :

B-5

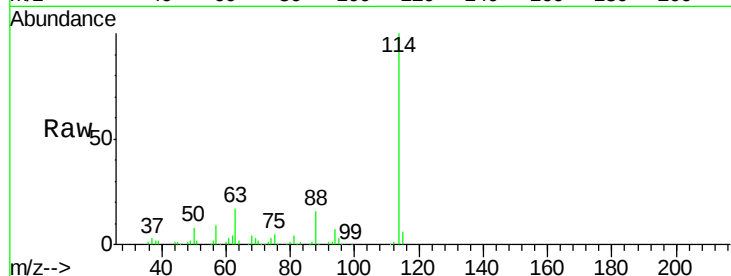
Tot Ion:114 Resp: 828259

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.2

88 15.6 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.23

300000

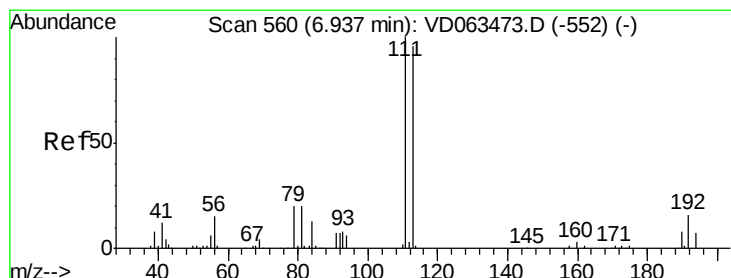
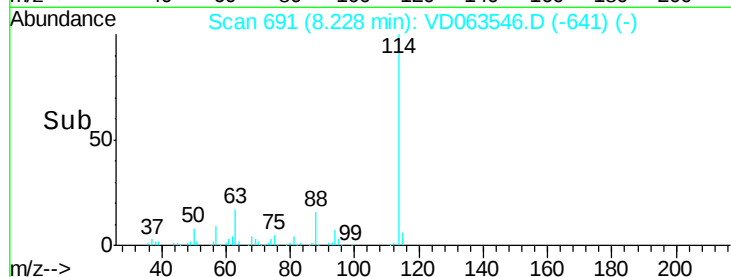
200000

100000

0

Time-->

8.10 8.20 8.30 8.40



#35

Dibromofluoromethane

Concen: 48.501 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063546.D

Acq: 13 Aug 2019 23:53

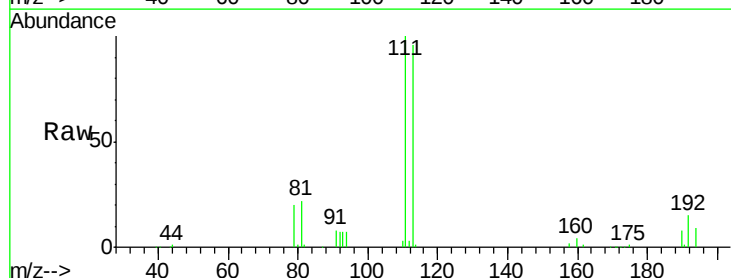
Tgt Ion:113 Resp: 338324

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

192 15.1 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

6.93

150000

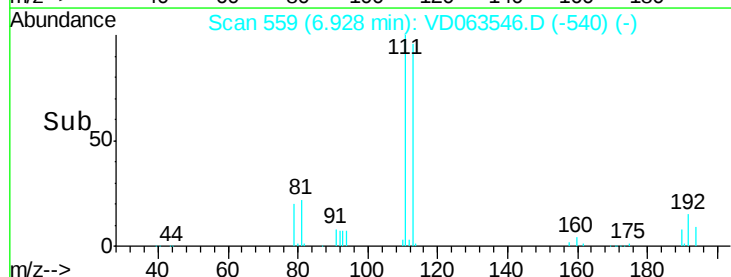
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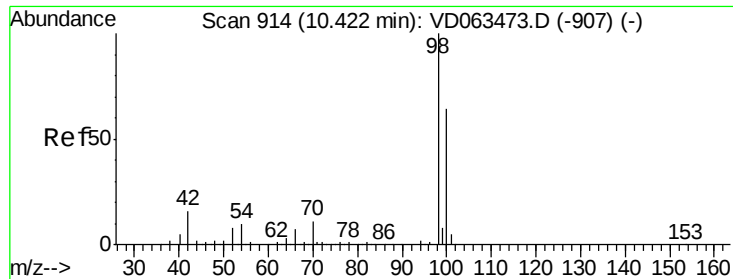
50000

0

Time-->

6.80 6.90 7.00 7.10

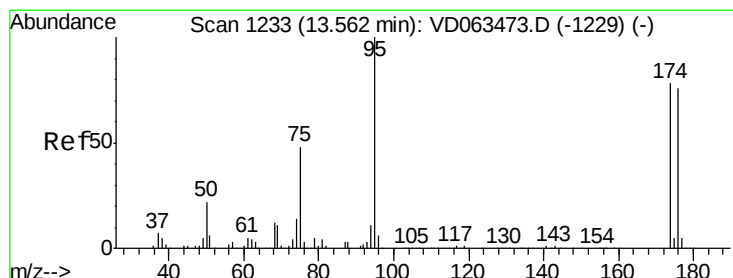
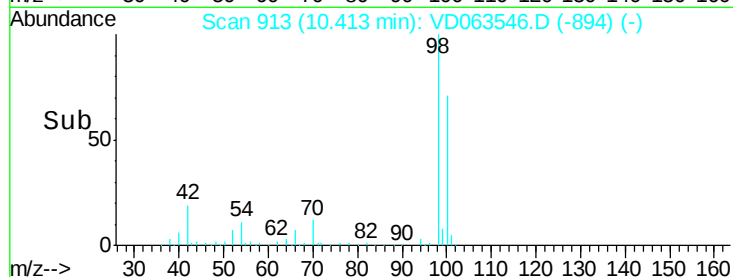
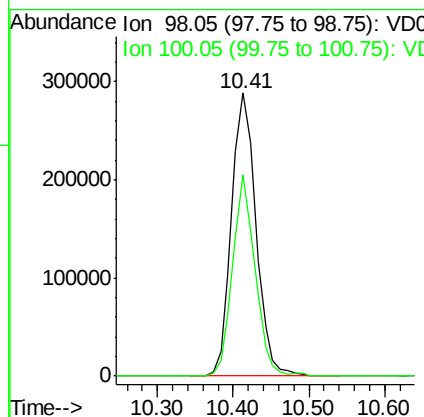
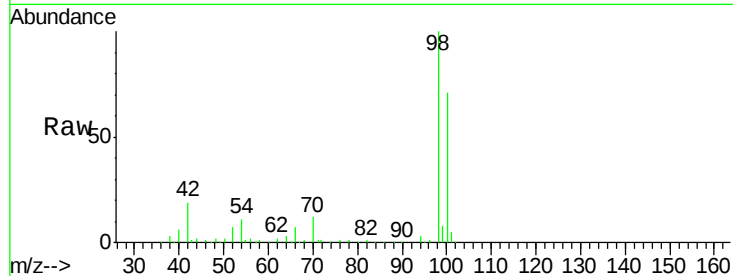




#50
Toluene-d8
Concen: 41.919 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

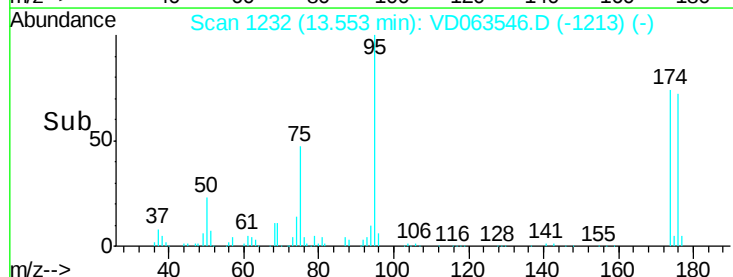
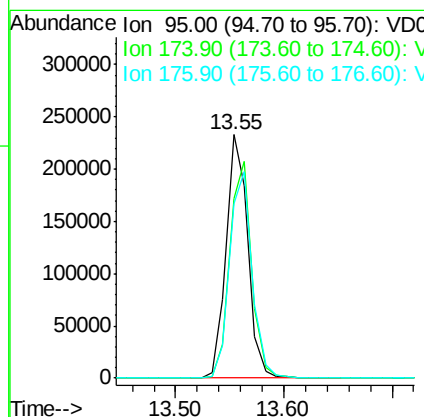
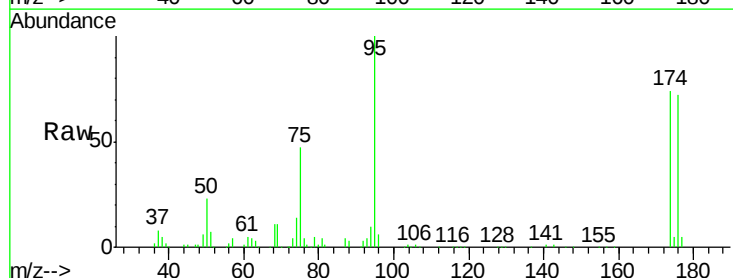
Instrument :
MSVOA_D
ClientSampleId :
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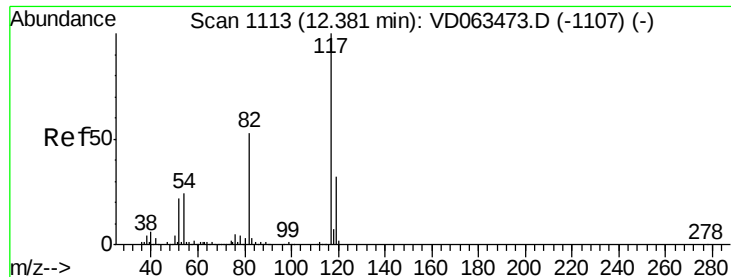
Tot Ion: 98 Resp: 642883
Ion Ratio Lower Upper
98 100
100 71.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.612 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

Tgt Ion: 95 Resp: 324003
Ion Ratio Lower Upper
95 100
174 73.8 0.0 155.4
176 71.9 0.0 152.4

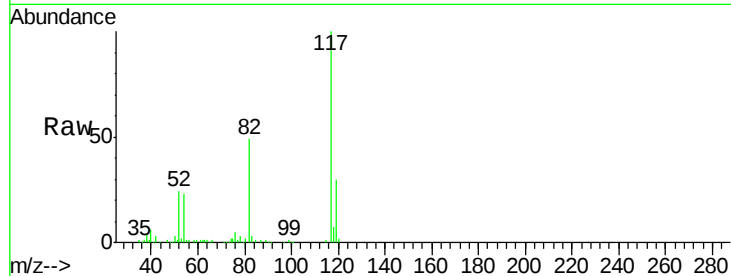




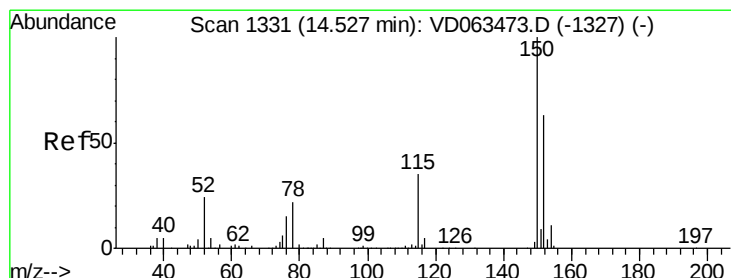
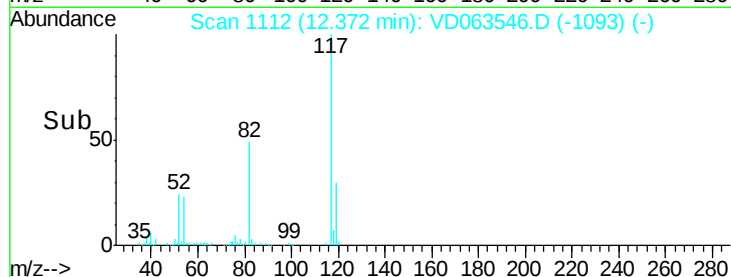
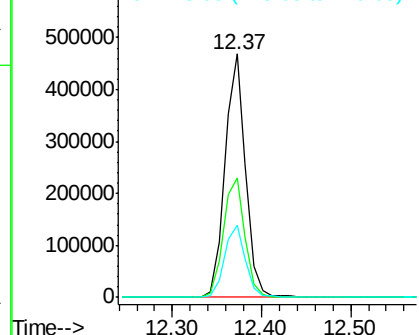
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

Instrument :
MSVOA_D
ClientSampleId :
B-5

Tot Ion:117 Resp: 757166
Ion Ratio Lower Upper
117 100
82 49.0 42.0 63.0
119 29.8 25.4 38.0

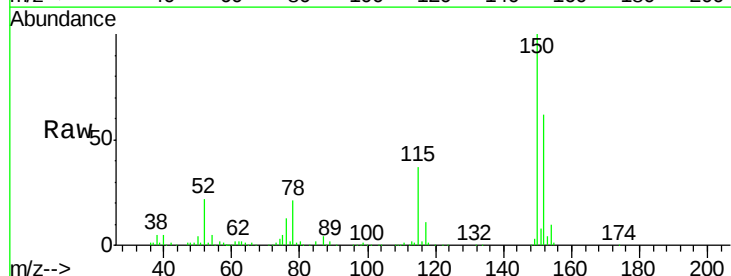


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063546.D
Acq: 13 Aug 2019 23:53

Tgt Ion:152 Resp: 416734
Ion Ratio Lower Upper
152 100
115 58.8 30.9 92.7
150 160.3 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

