

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063572.D
 Acq On : 14 Aug 2019 14:20
 Operator : JC/SY
 Sample : VD0814SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBL01

Quant Time: Aug 15 12:26:49 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	1157918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1616118	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1197332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	699323	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	620518	50.13	ug/l	0.00
Spiked Amount						
			Recovery	=	100.26%	
35) Dibromofluoromethane	6.93	113	673618	49.49	ug/l	0.00
Spiked Amount						
			Recovery	=	98.98%	
50) Toluene-d8	10.42	98	1534717	51.29	ug/l	0.00
Spiked Amount						
			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	13.56	95	654136	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	

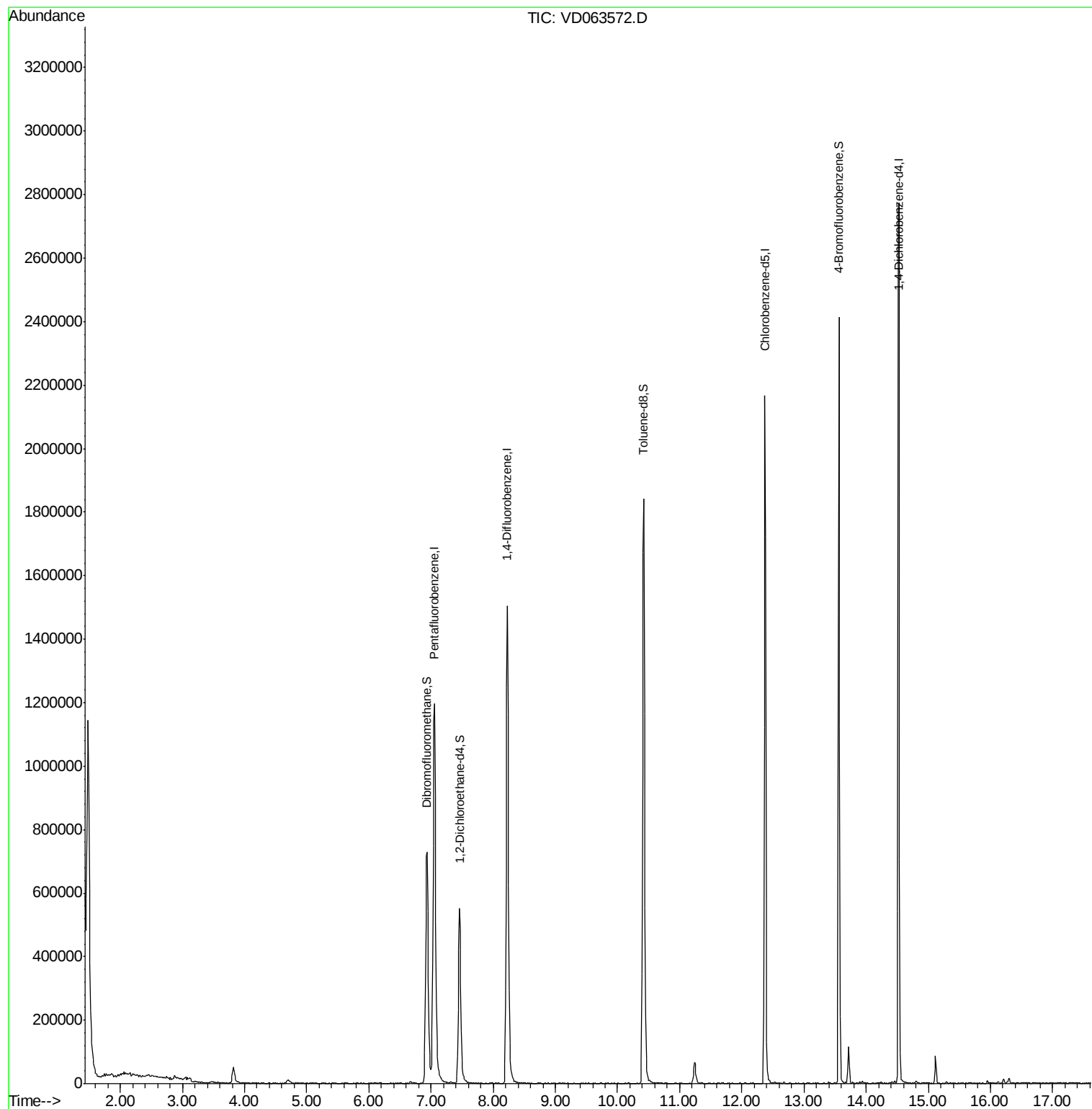
Target Compounds	Qvalue
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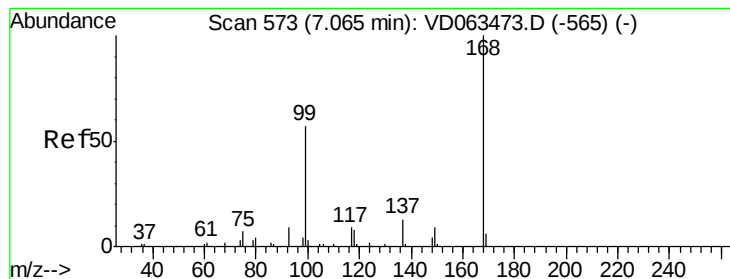
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

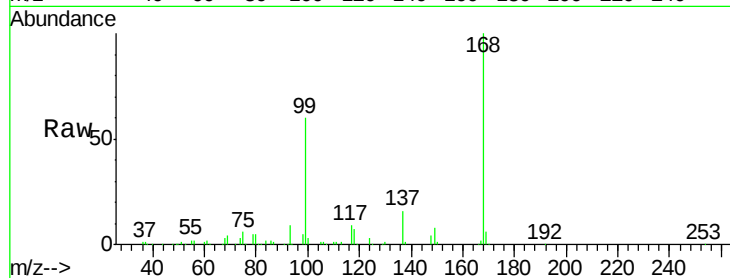
VD0814SBL01

Tot Ion:168 Resp: 1157918

Ion Ratio Lower Upper

168 100

99 59.6 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

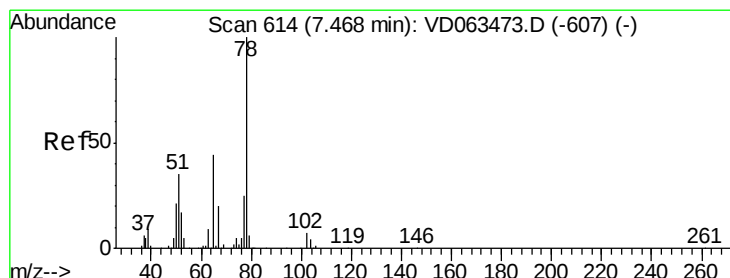
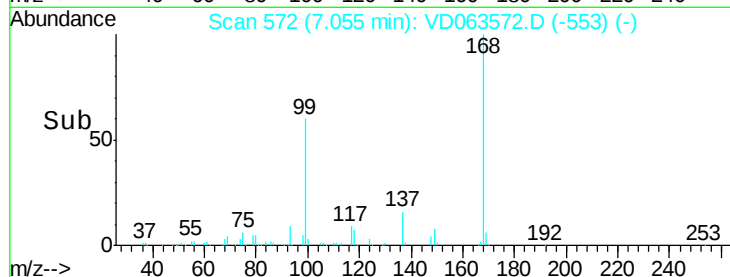
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.134 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063572.D

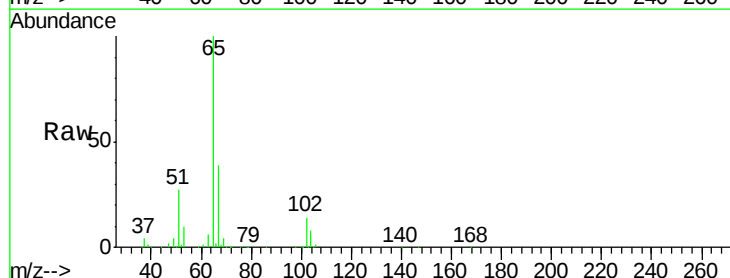
Acq: 14 Aug 2019 14:20

Tgt Ion: 65 Resp: 620518

Ion Ratio Lower Upper

65 100

67 38.8 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

250000

200000

150000

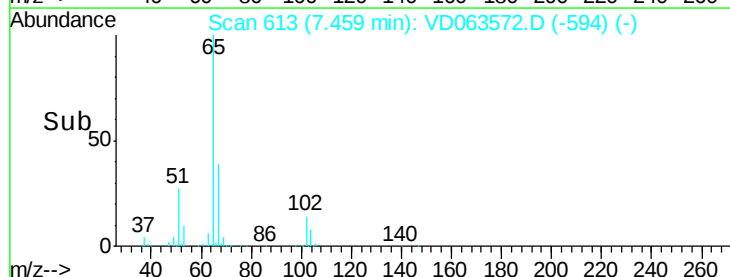
100000

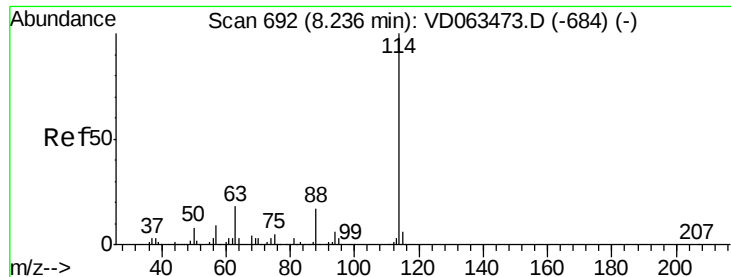
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBL01

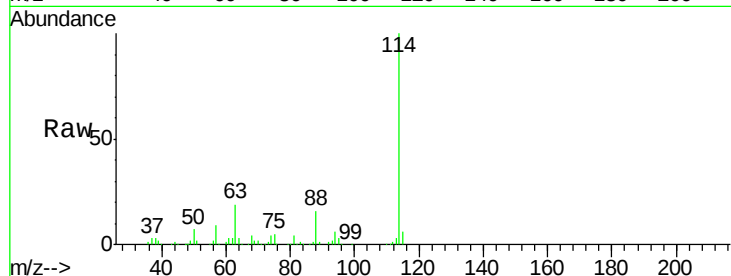
Tot Ion:114 Resp: 1616118

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

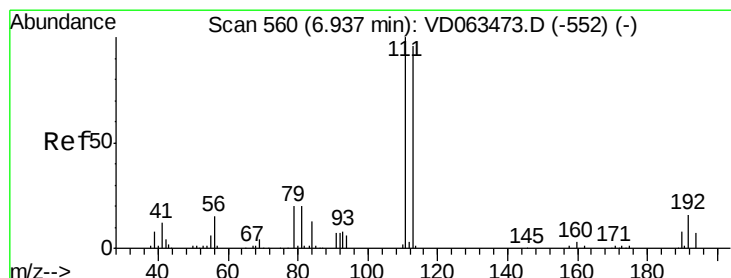
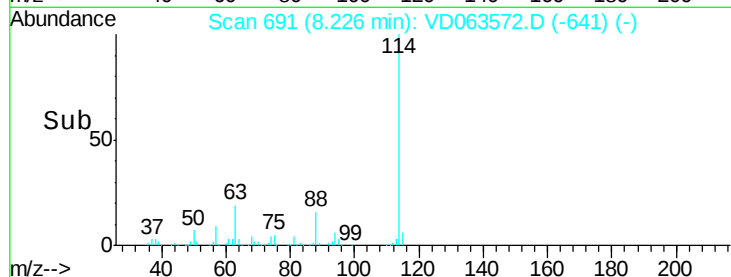
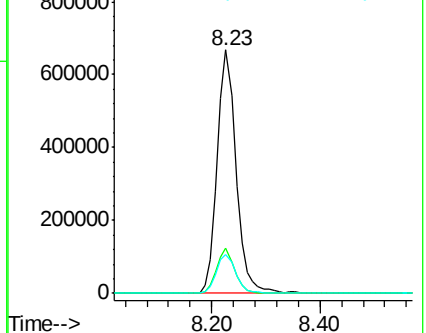
88 16.1 0.0 35.0



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: 49.491 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

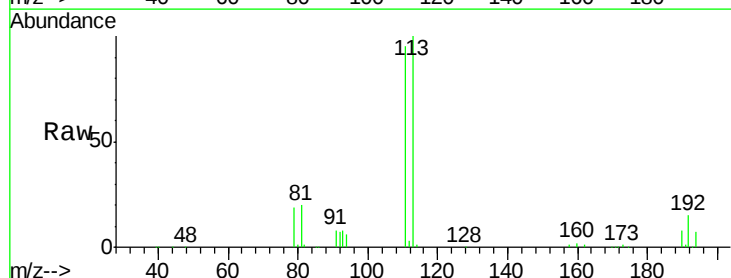
Tgt Ion:113 Resp: 673618

Ion Ratio Lower Upper

113 100

111 95.4 83.1 124.7

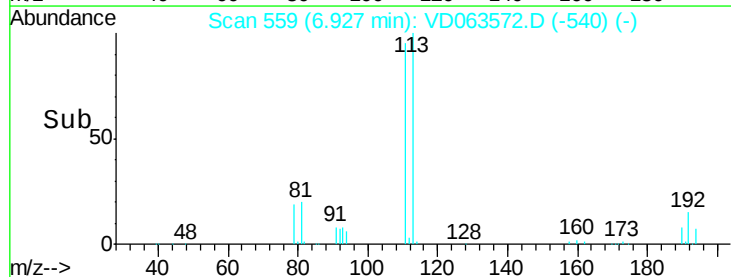
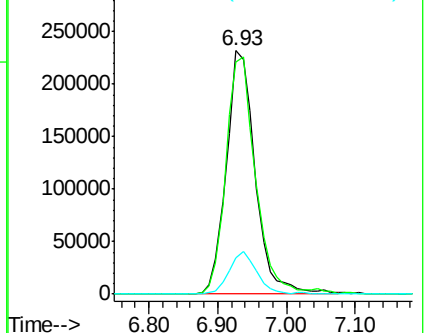
192 14.7 13.1 19.7

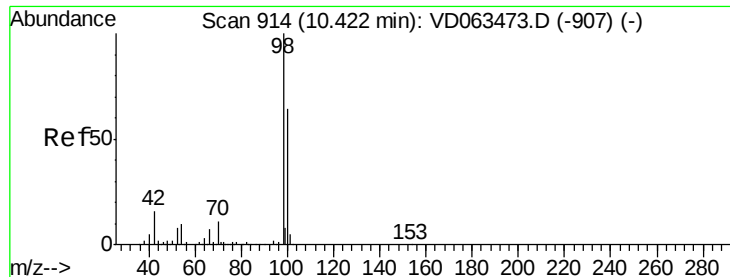


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 51.286 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

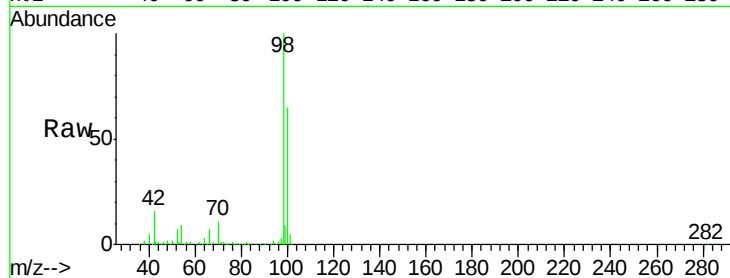
VD0814SBL01

Tot Ion: 98 Resp: 1534717

Ion Ratio Lower Upper

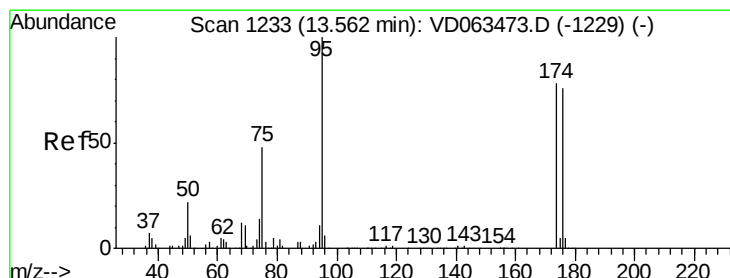
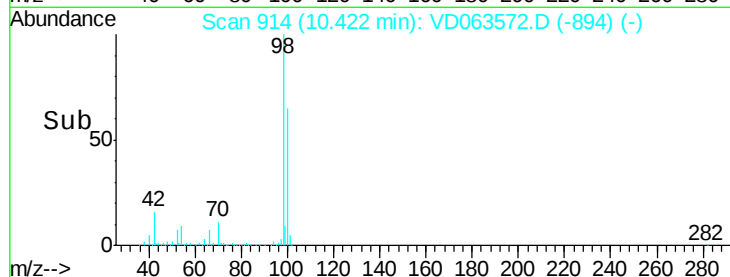
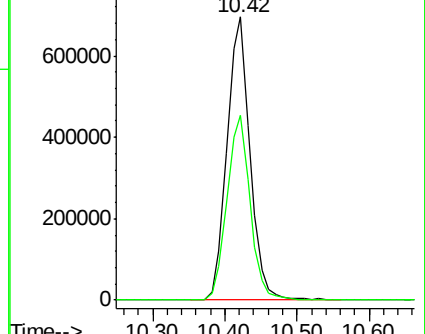
98 100

100 65.4 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VD063473.D (-907) (-)

Ion 100.05 (99.75 to 100.75): VD063473.D (-907) (-)



#62

4-Bromofluorobenzene

Concen: 48.229 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD063572.D

Acq: 14 Aug 2019 14:20

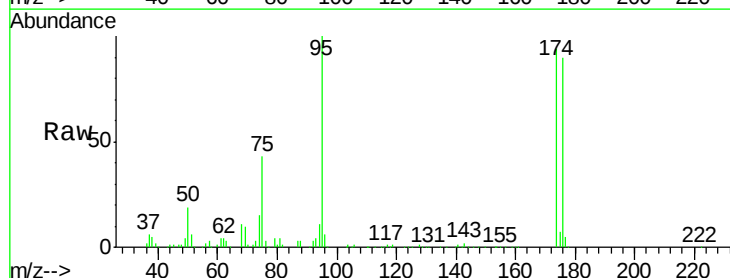
Tgt Ion: 95 Resp: 654136

Ion Ratio Lower Upper

95 100

174 94.2 0.0 155.4

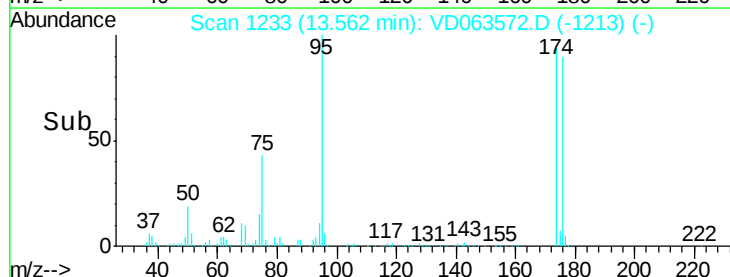
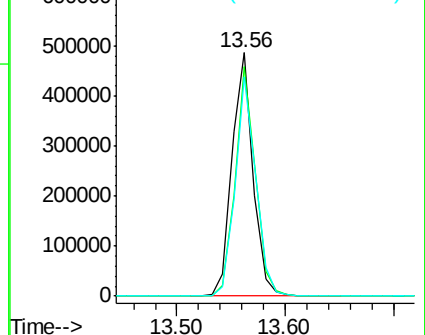
176 89.9 0.0 152.4

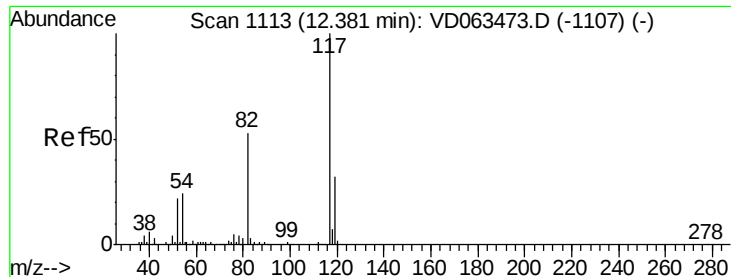


Abundance Ion 95.00 (94.70 to 95.70): VD063473.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD063473.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD063473.D (-1229) (-)

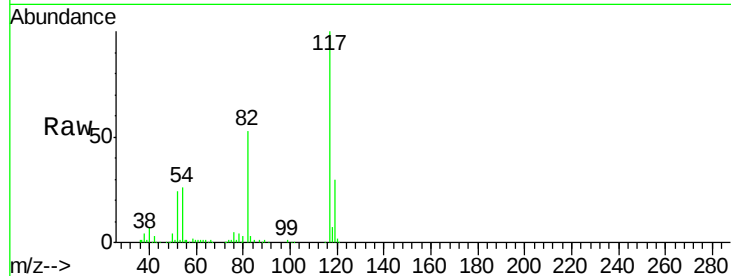




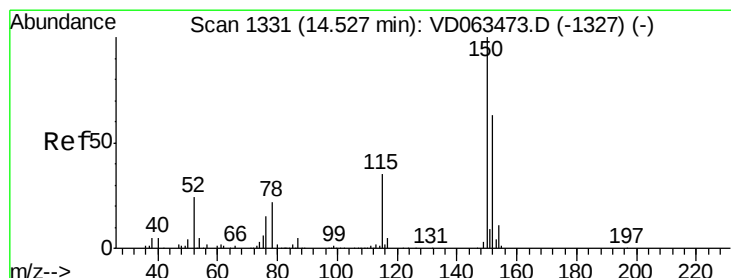
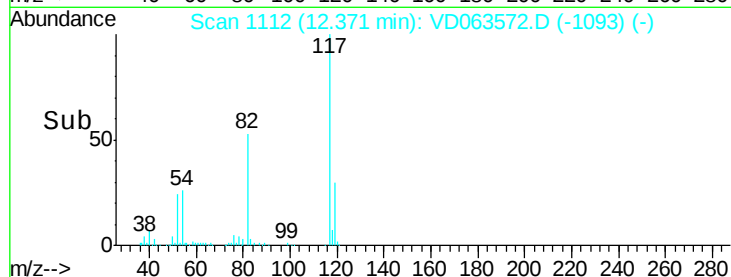
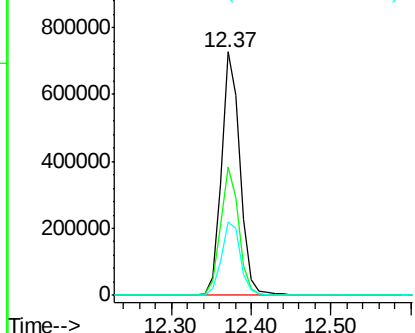
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063572.D
Acq: 14 Aug 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

Tot Ion:117 Resp: 1197332
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 30.2 25.4 38.0

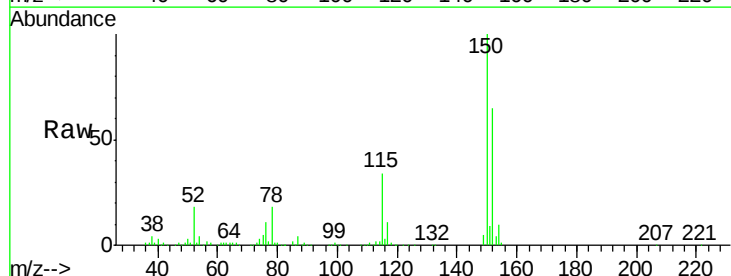


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD063572.D
Acq: 14 Aug 2019 14:20

Tgt Ion:152 Resp: 699323
Ion Ratio Lower Upper
152 100
115 52.3 30.9 92.7
150 153.8 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

