

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063403.D
 Acq On : 6 Aug 2019 17:10
 Operator : JC/SY
 Sample : K4164-04
 Misc : 6.26g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-2000051

Quant Time: Aug 07 07:41:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	972717	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1304222	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1146311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	600709	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	505815	46.86	ug/l	0.01
Spiked Amount			Recovery	=	93.72%	
35) Dibromofluoromethane	6.93	113	573460	51.50	ug/l	0.02
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.42	98	1215827	48.79	ug/l	0.01
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	13.56	95	521681	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	

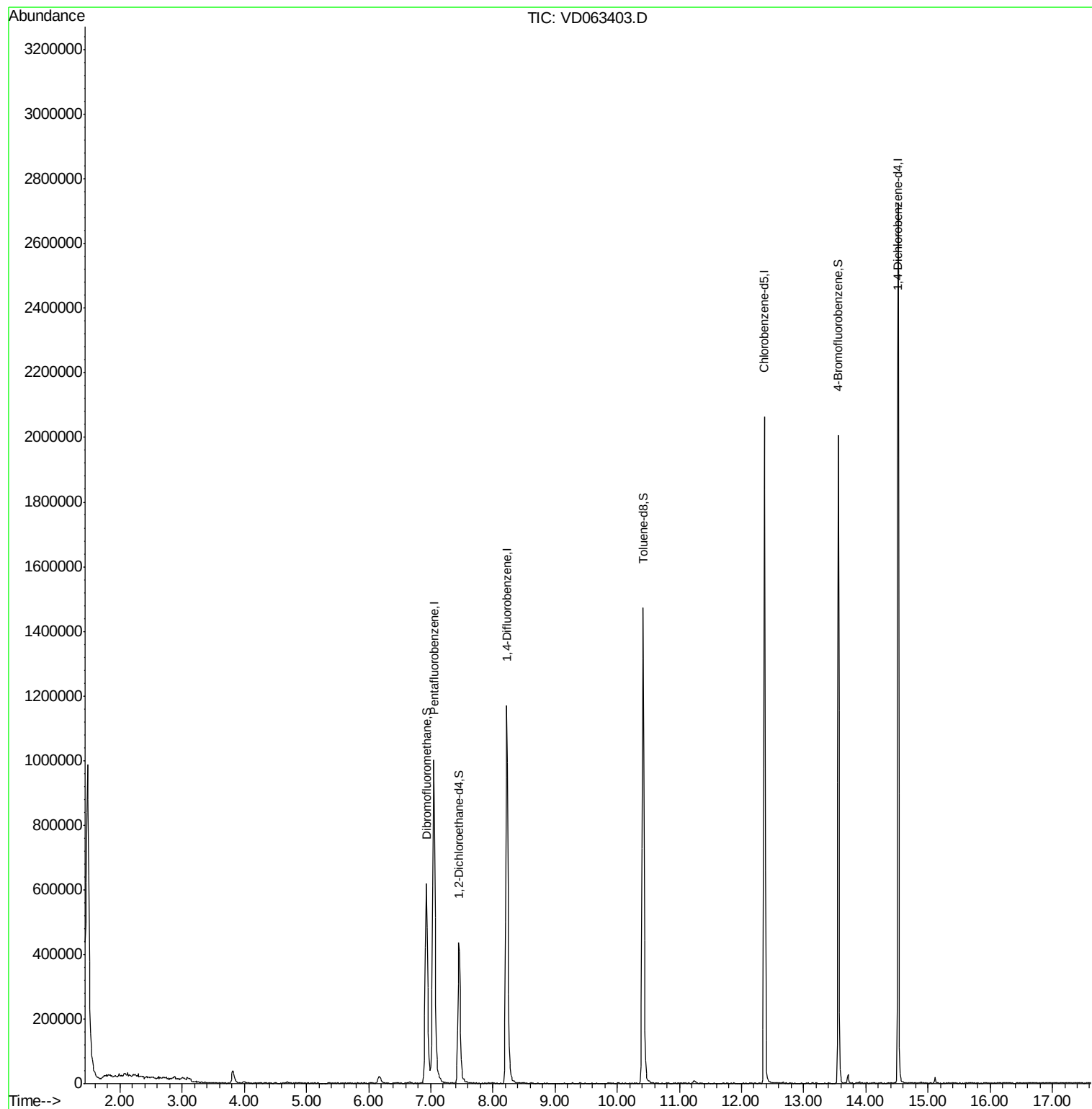
Target Compounds	Qvalue
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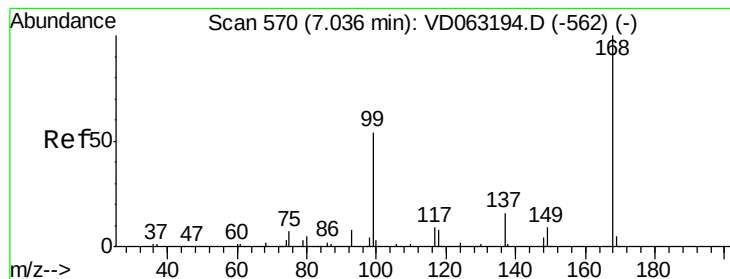
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063403.D

Acq: 6 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

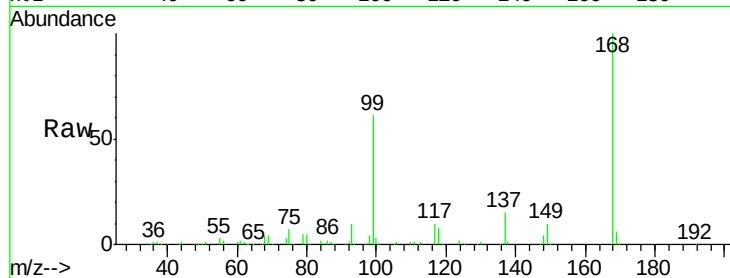
RBR-2000051

Tot Ion:168 Resp: 972717

Ion Ratio Lower Upper

168 100

99 61.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

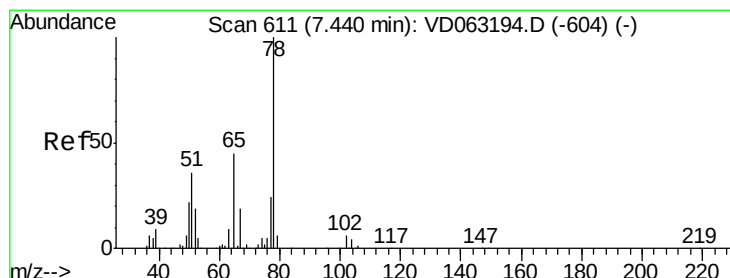
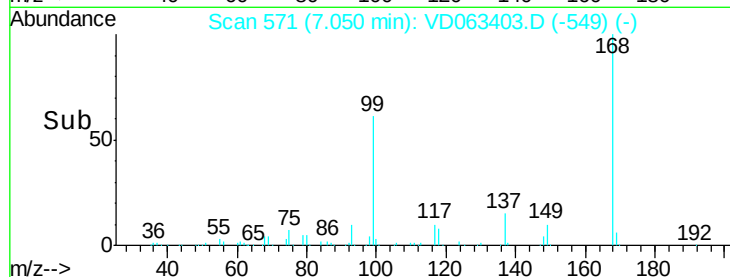
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.864 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063403.D

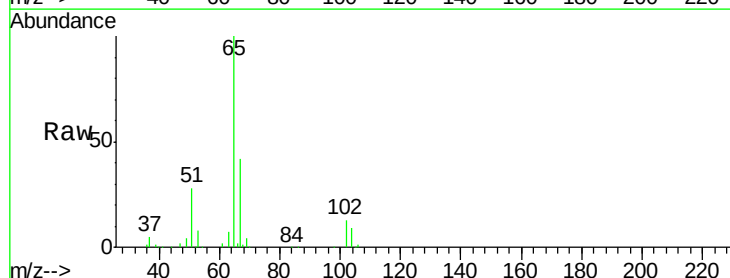
Acq: 6 Aug 2019 17:10

Tgt Ion: 65 Resp: 505815

Ion Ratio Lower Upper

65 100

67 41.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

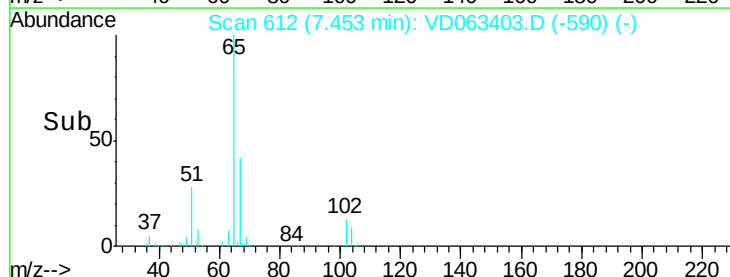
100000

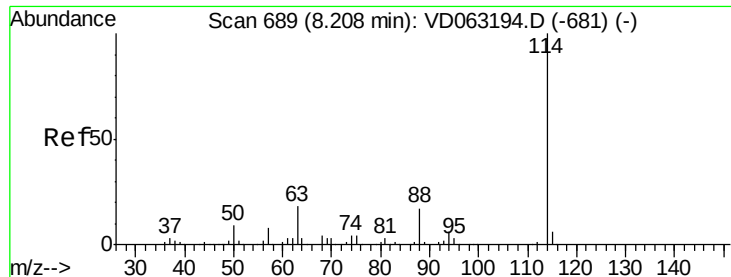
50000

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. 0.01 min

Lab File: VD063403.D

Acq: 6 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

RBR-2000051

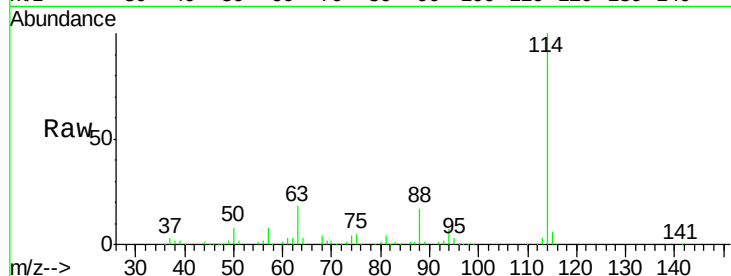
Tot Ion:114 Resp: 1304222

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

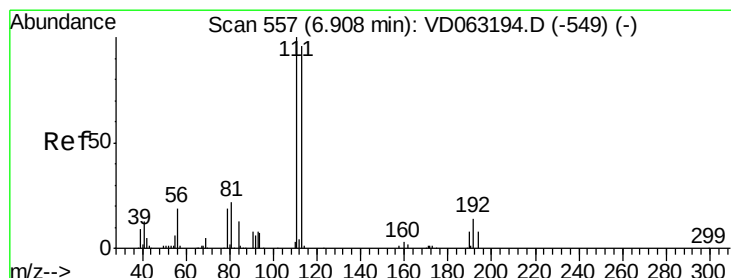
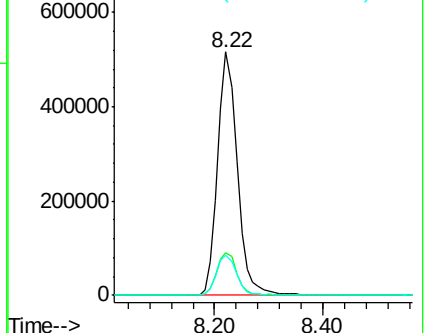
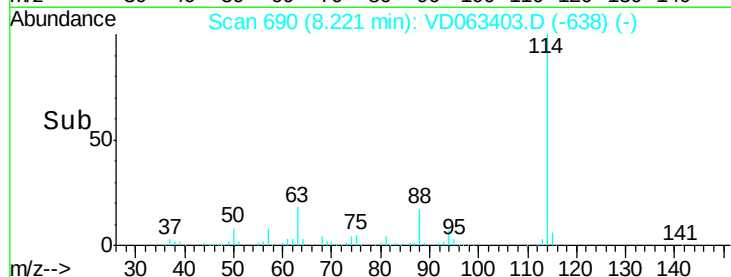
88 16.6 0.0 34.6



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: 51.499 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063403.D

Acq: 6 Aug 2019 17:10

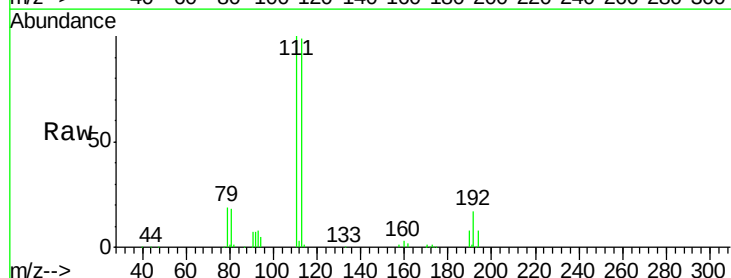
Tgt Ion:113 Resp: 573460

Ion Ratio Lower Upper

113 100

111 100.6 83.2 124.8

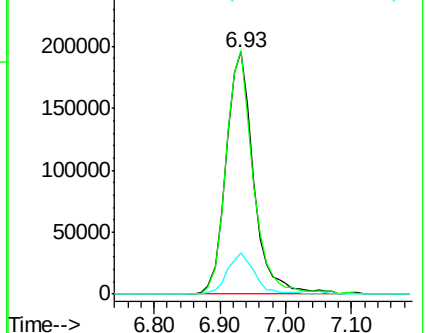
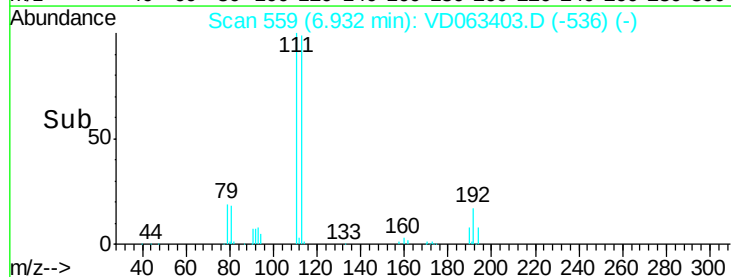
192 16.9 11.8 17.8

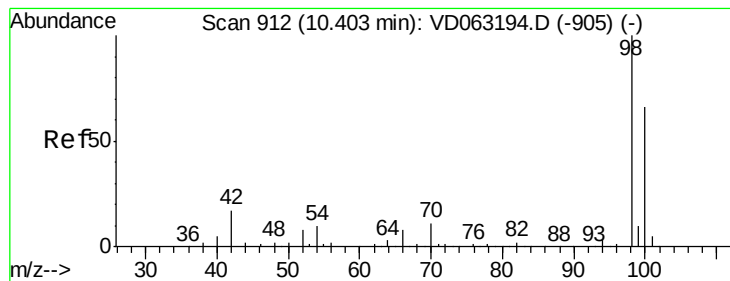


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 48.788 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063403.D

Acq: 6 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

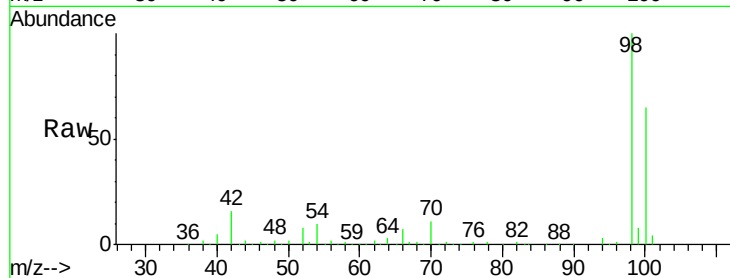
RBR-2000051

Tot Ion: 98 Resp: 1215827

Ion Ratio Lower Upper

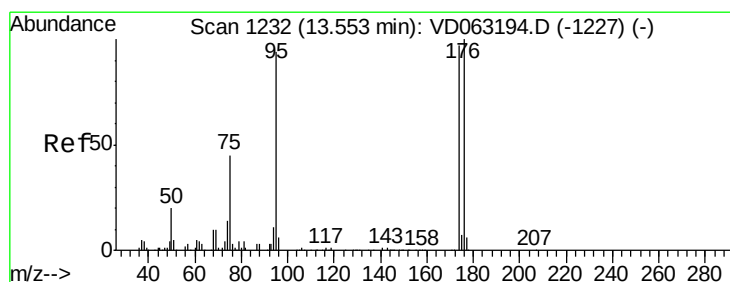
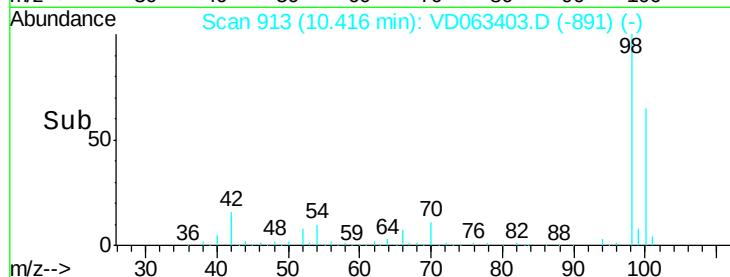
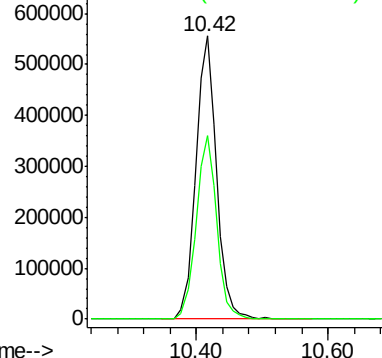
98 100

100 65.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: 45.938 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063403.D

Acq: 6 Aug 2019 17:10

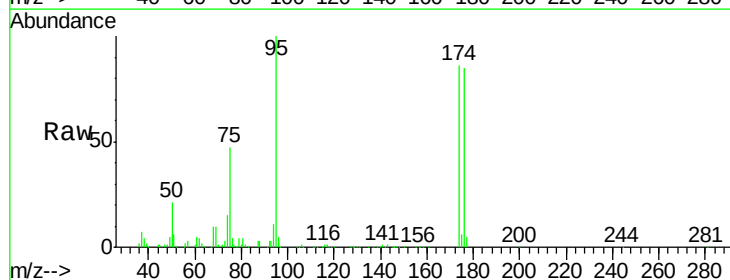
Tgt Ion: 95 Resp: 521681

Ion Ratio Lower Upper

95 100

174 86.0 0.0 205.4

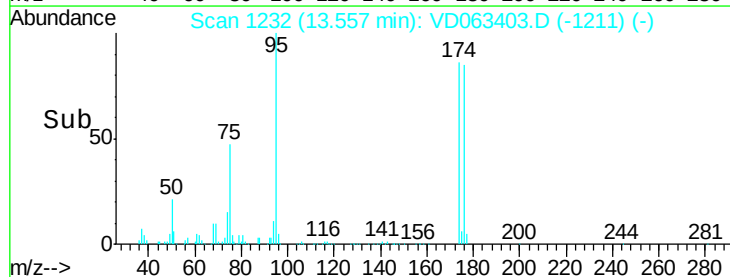
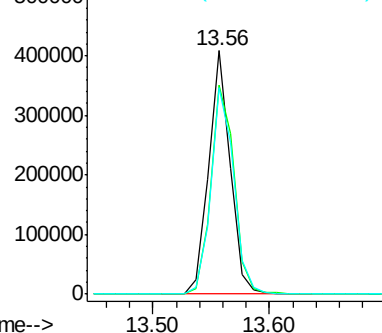
176 84.7 0.0 211.8

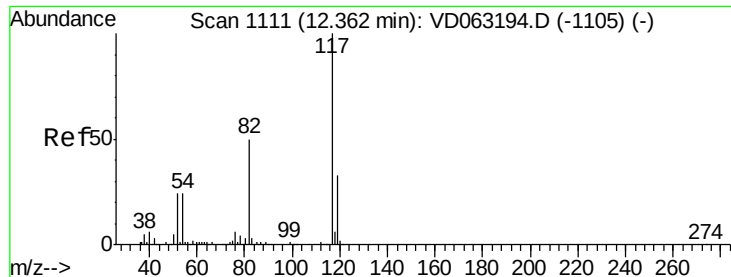


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

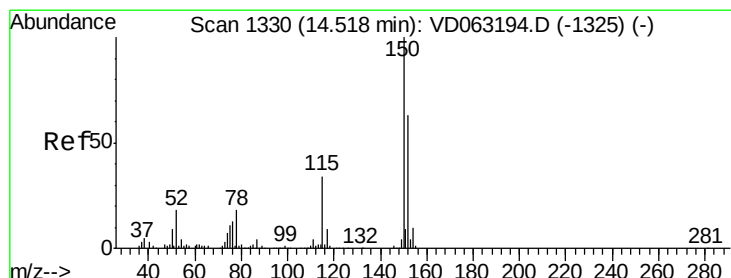
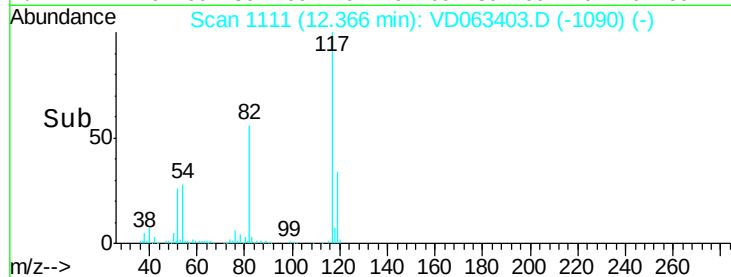
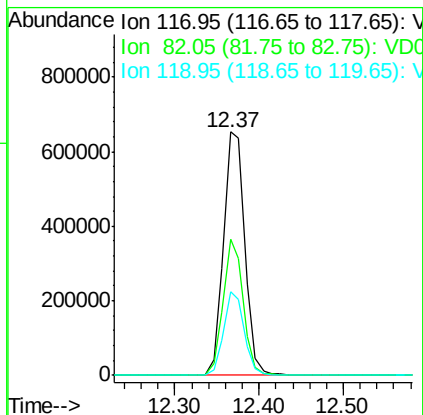
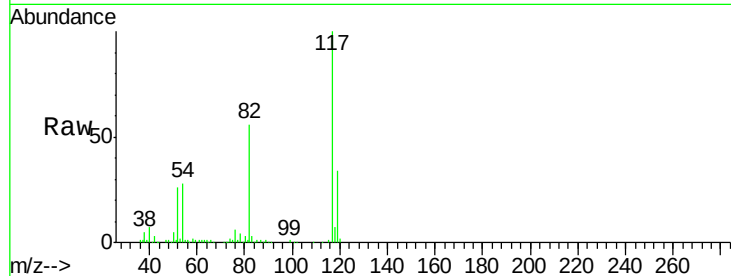




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063403.D
Acq: 6 Aug 2019 17:10

Instrument :
MSVOA_D
ClientSampleId :
RBR-2000051

Tot Ion:117 Resp: 1146311
Ion Ratio Lower Upper
117 100
82 56.1 40.1 60.1
119 34.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063403.D
Acq: 6 Aug 2019 17:10

Tgt Ion:152 Resp: 600709
Ion Ratio Lower Upper
152 100
115 54.2 27.5 82.4
150 157.1 0.0 320.6

