

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063139.D
 Acq On : 17 Jul 2019 18:51
 Operator : VA/AP
 Sample : K3830-07
 Misc : 5.36g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200027

Quant Time: Jul 18 08:01:13 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	7.05	168	758867	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1069791	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	859635	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	371534	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	427168	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	
35) Dibromofluoromethane	6.92	113	434250	40.75	ug/l	0.00
Spiked Amount			Recovery	=	81.50%	
50) Toluene-d8	10.41	98	930473	40.65	ug/l	0.01
Spiked Amount			Recovery	=	81.30%	
62) 4-Bromofluorobenzene	13.55	95	364581	34.43	ug/l	0.00
Spiked Amount			Recovery	=	68.86%	

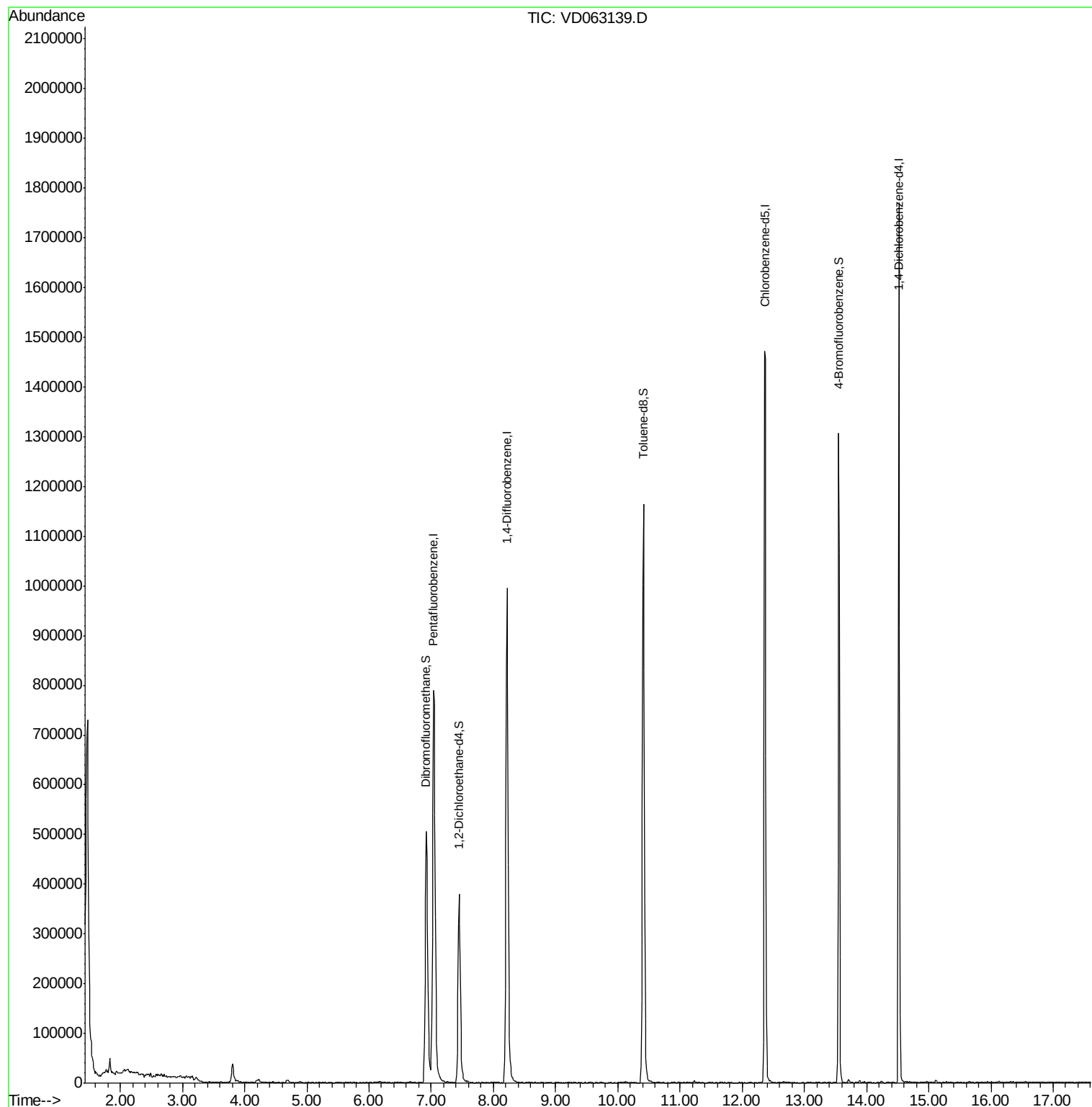
Target Compounds	Qvalue
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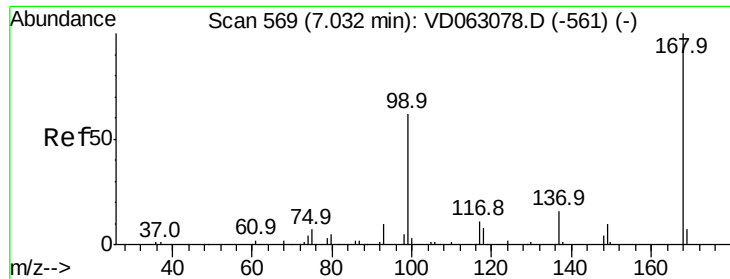
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071719\
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QLast Update : Tue Jul 16 08:11:56 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: VD063139.D

Acq: 17 Jul 2019 18:51

Instrument :

MSVOA_D

ClientSampleId :

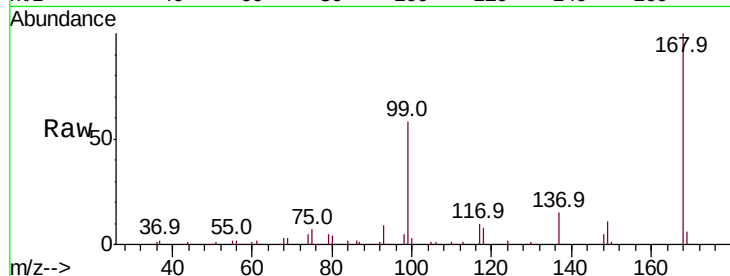
RBR-200027

Tot Ion:168 Resp: 758867

Ion Ratio Lower Upper

168 100

99 57.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

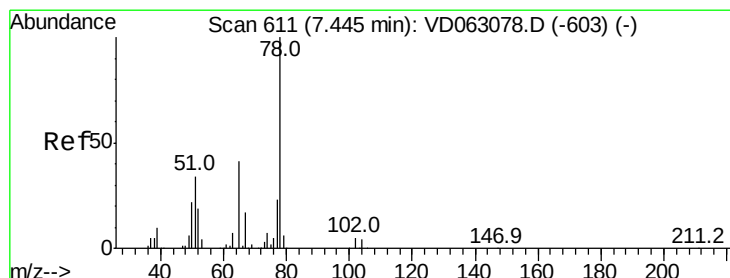
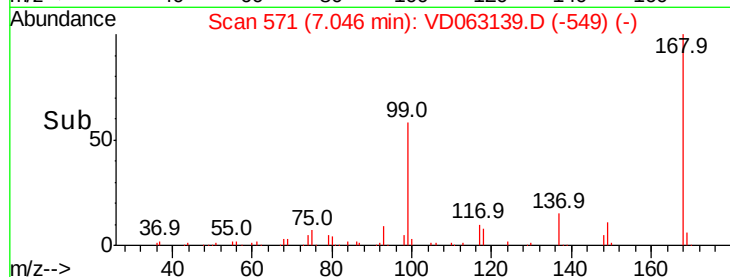
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 45.188 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063139.D

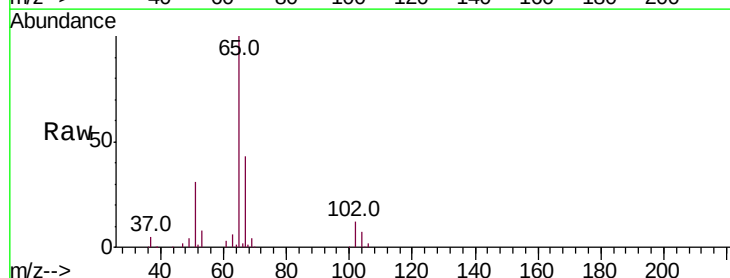
Acq: 17 Jul 2019 18:51

Tgt Ion: 65 Resp: 427168

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

7.45

150000

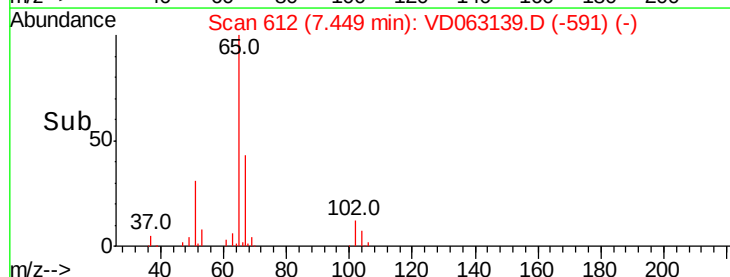
100000

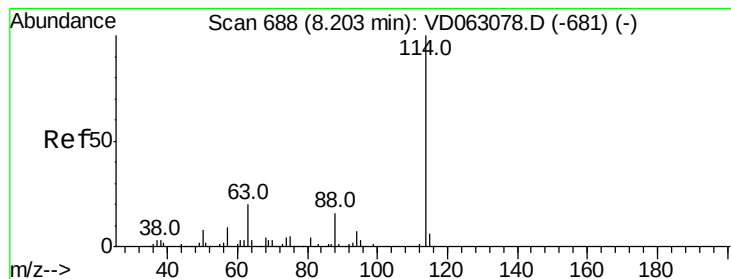
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063139.D

Acq: 17 Jul 2019 18:51

Instrument :

MSVOA_D

ClientSampleId :

RBR-200027

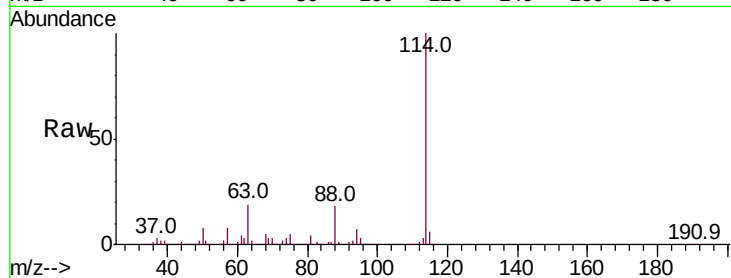
Tot Ion:114 Resp: 1069791

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.6

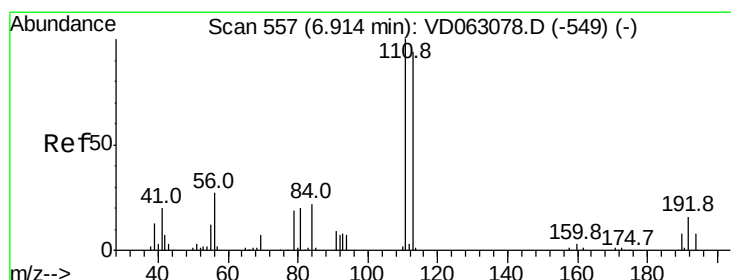
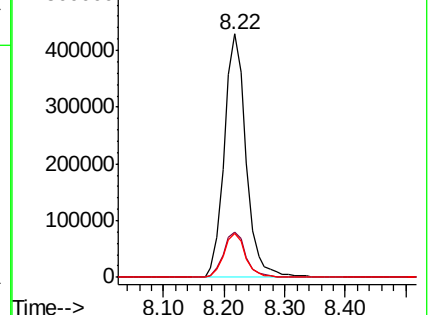
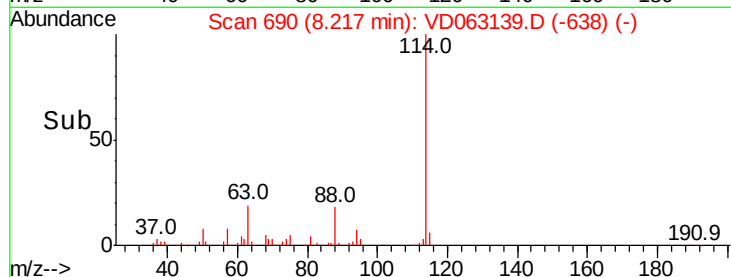
88 18.0 0.0 32.6



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: 40.754 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063139.D

Acq: 17 Jul 2019 18:51

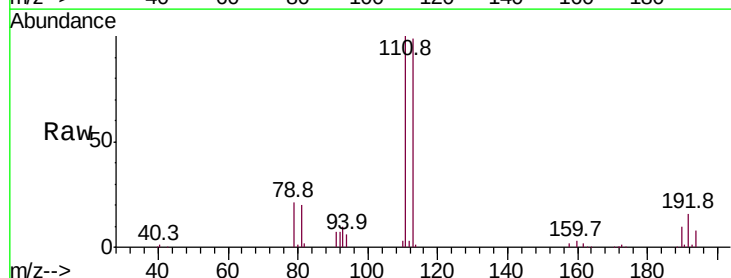
Tgt Ion:113 Resp: 434250

Ion Ratio Lower Upper

113 100

111 100.9 84.8 127.2

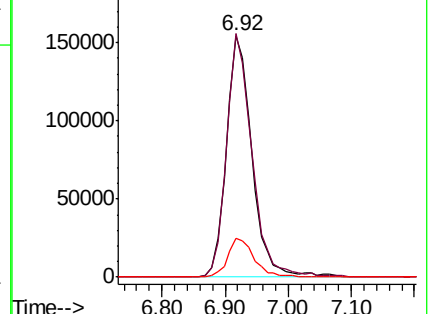
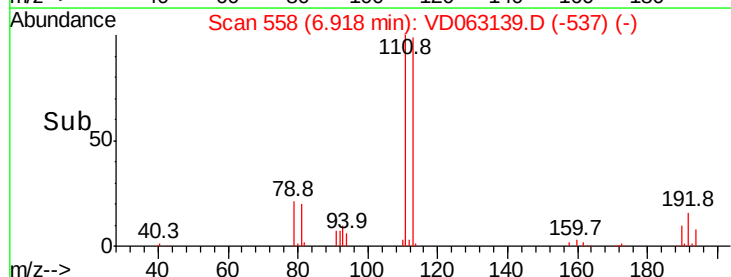
192 16.0 13.4 20.0

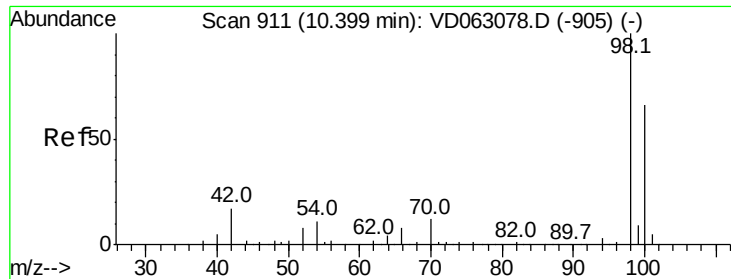


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 40.654 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063139.D

Acq: 17 Jul 2019 18:51

Instrument :

MSVOA_D

ClientSampleId :

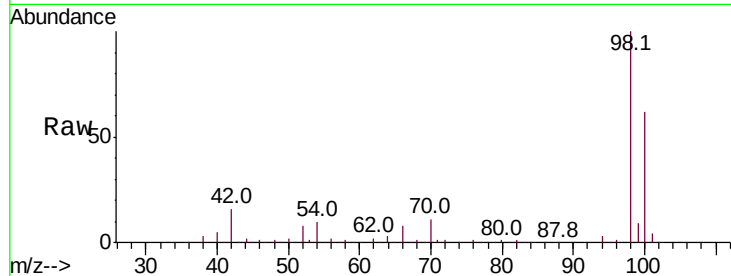
RBR-200027

Tot Ion: 98 Resp: 930473

Ion Ratio Lower Upper

98 100

100 62.5 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063139.D (-905) (-)

10.41

400000

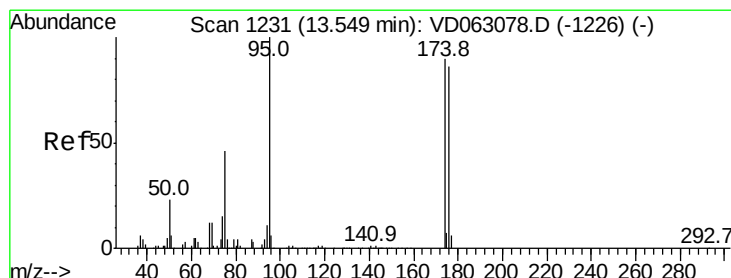
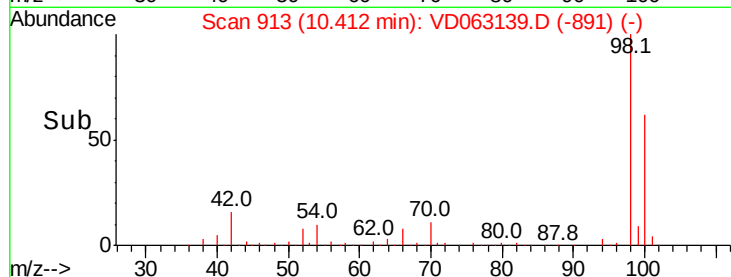
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.431 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063139.D

Acq: 17 Jul 2019 18:51

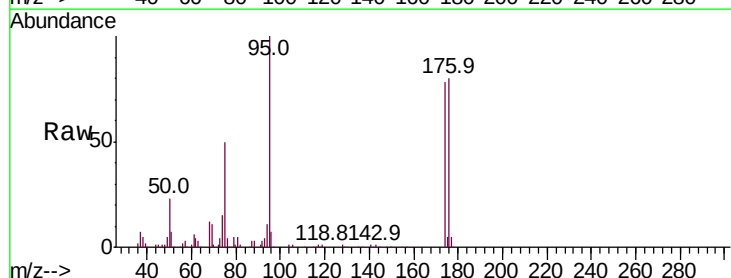
Tgt Ion: 95 Resp: 364581

Ion Ratio Lower Upper

95 100

174 78.0 0.0 180.6

176 80.1 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063139.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD063139.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD063139.D (-1211) (-)

13.55

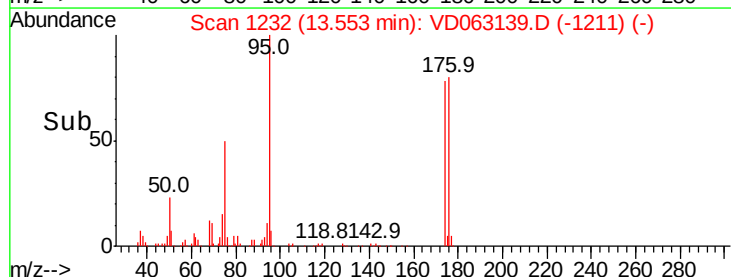
300000

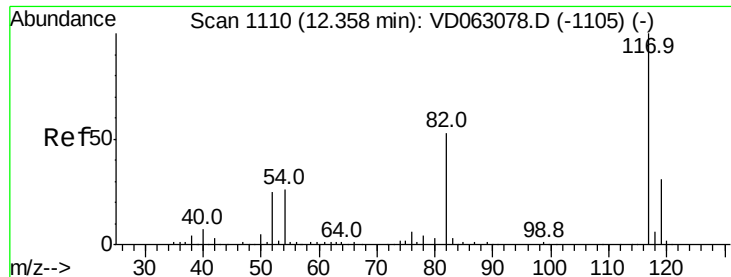
200000

100000

0

Time-->

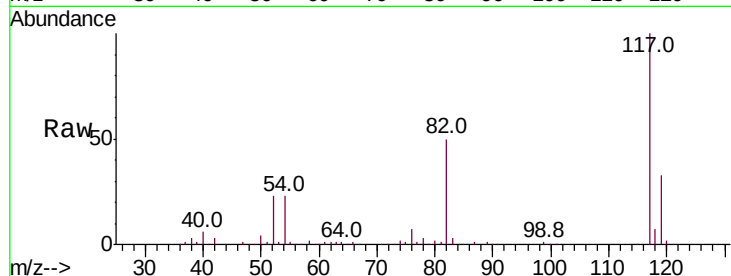




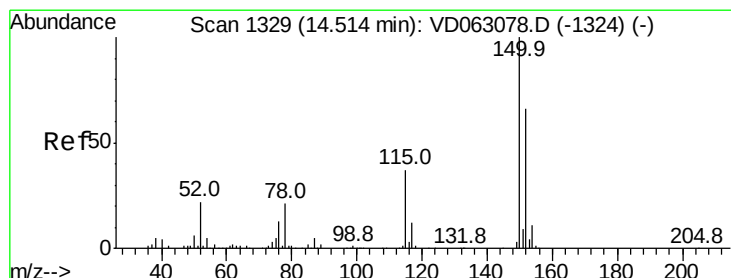
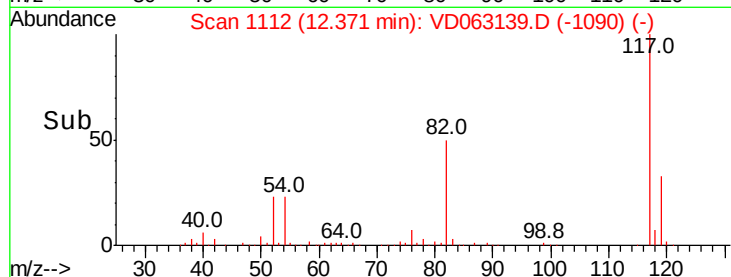
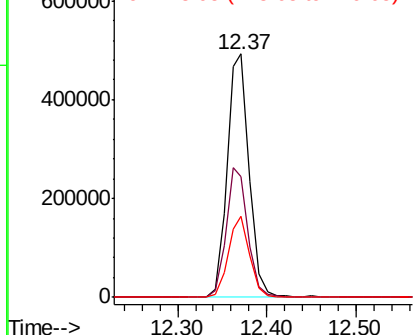
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063139.D
Acq: 17 Jul 2019 18:51

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

Tot Ion:117 Resp: 859635
Ion Ratio Lower Upper
117 100
82 49.7 42.3 63.5
119 33.3 25.2 37.8

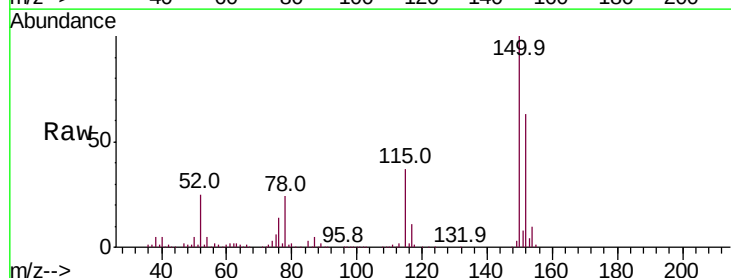


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063139.D
Acq: 17 Jul 2019 18:51

Tgt Ion:152 Resp: 371534
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 158.1 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

