

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066011.D
 Acq On : 22 Jul 2020 19:33
 Operator : VA/SY
 Sample : L3365-01
 Misc : 6.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20017-20405

Quant Time: Jul 23 01:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	297477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	526124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	566704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301186	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	139323	57.56	ug/l	0.00
Spiked Amount			Recovery	=	115.12%	
35) Dibromofluoromethane	7.92	113	164457	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
50) Toluene-d8	10.34	98	654566	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.64	95	266425	64.64	ug/l	0.00
Spiked Amount			Recovery	=	129.28%	

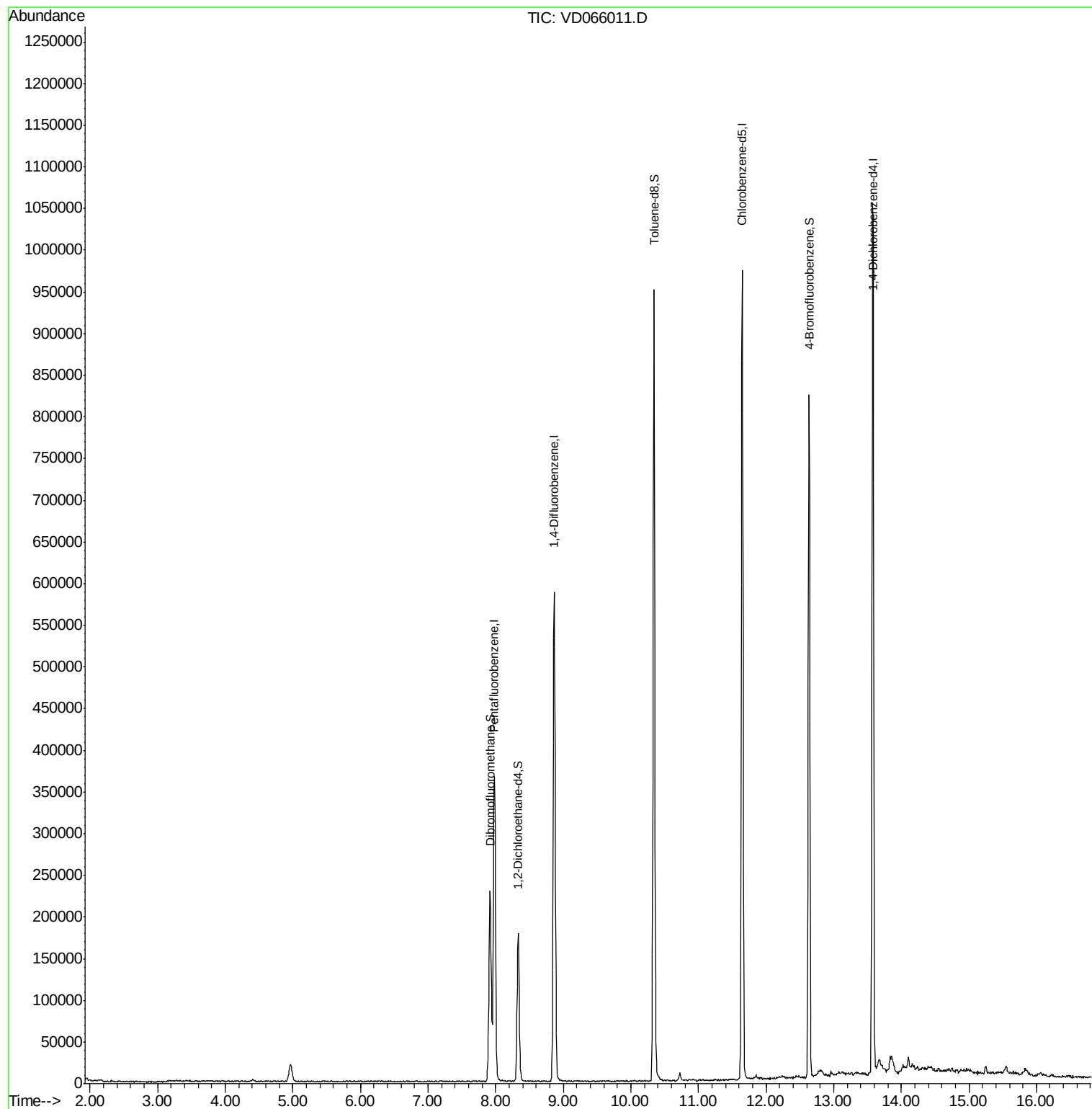
Target Compounds	Qvalue
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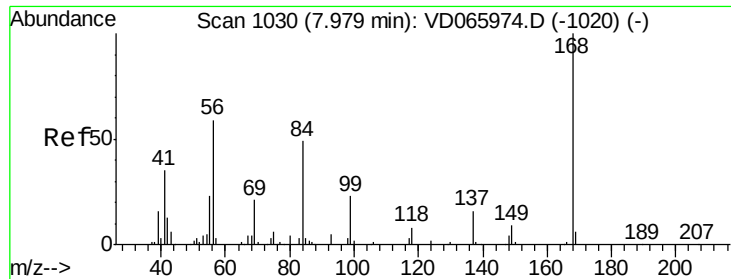
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

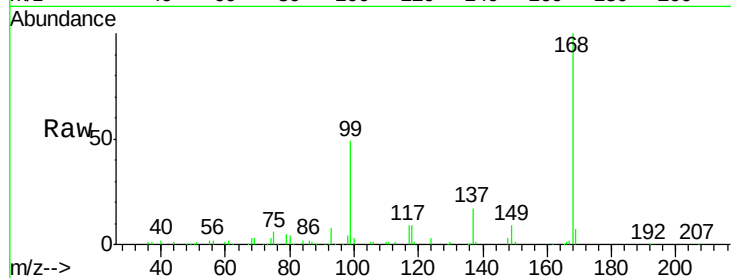
20017-20405

Tot Ion:168 Resp: 297477

Ion Ratio Lower Upper

168 100

99 49.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

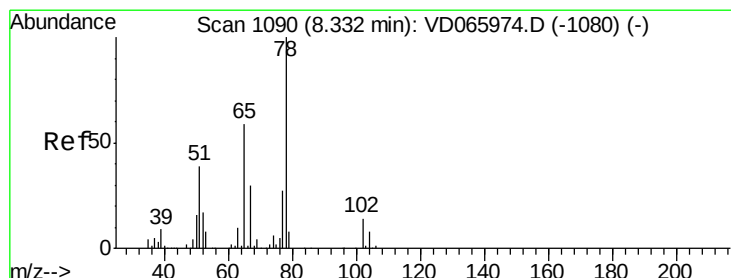
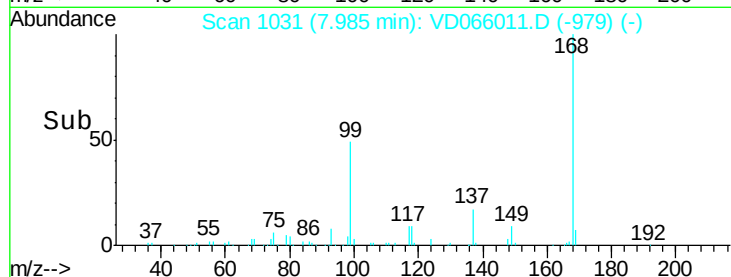
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.559 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD066011.D

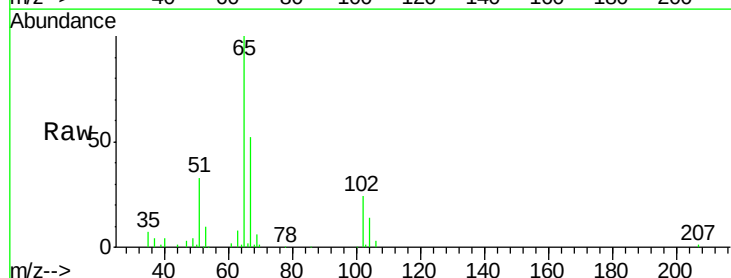
Acq: 22 Jul 2020 19:33

Tgt Ion: 65 Resp: 139323

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

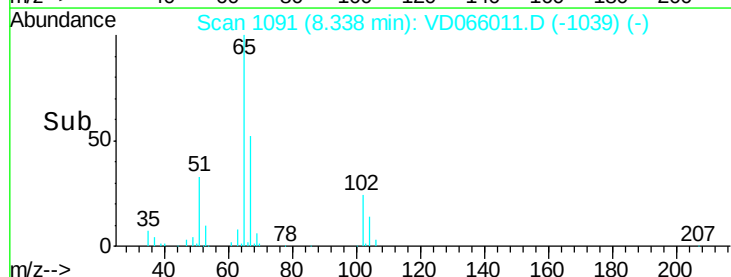
60000

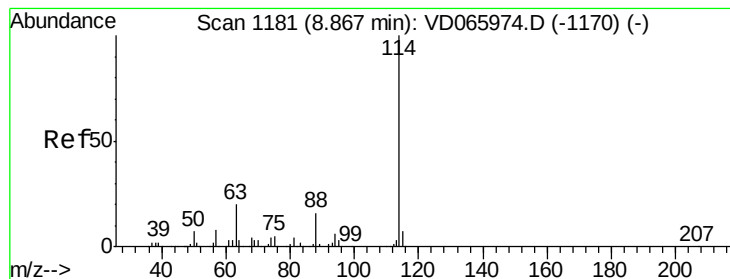
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

20017-20405

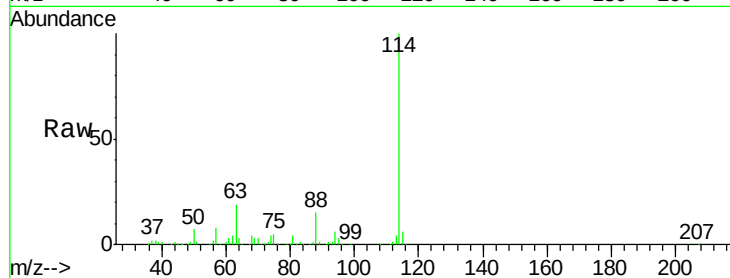
Tot Ion:114 Resp: 526124

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

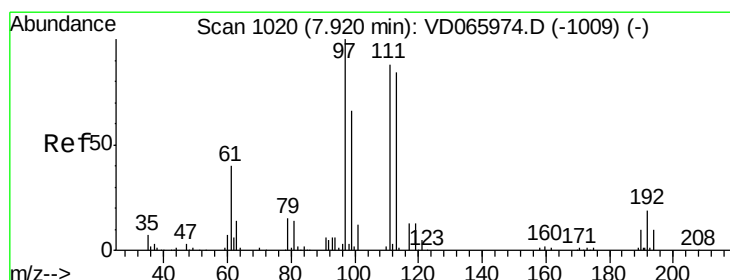
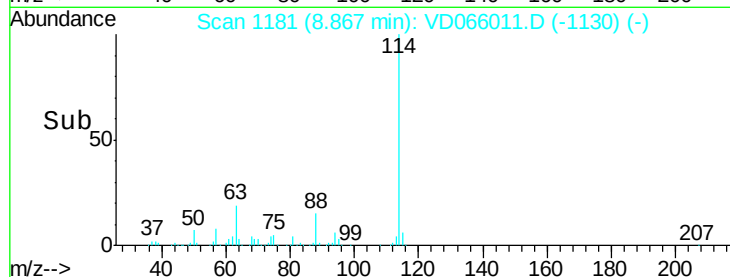
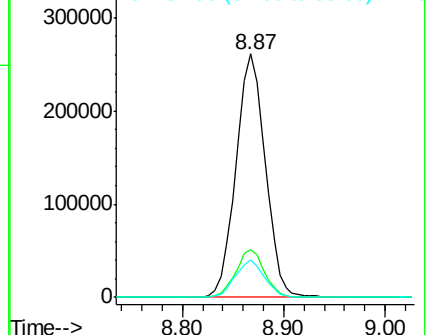
88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 51.536 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

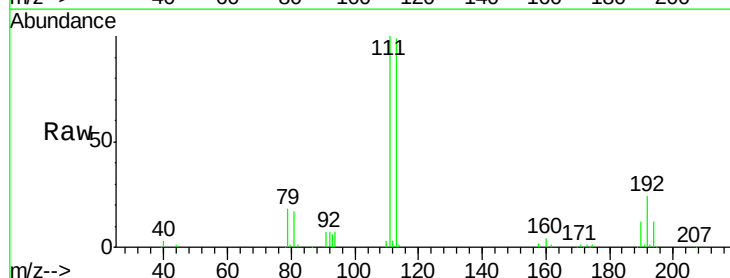
Tgt Ion:113 Resp: 164457

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

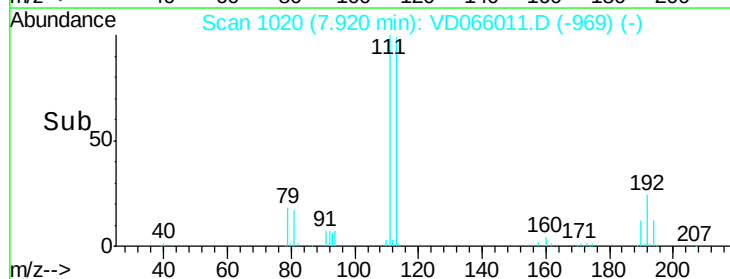
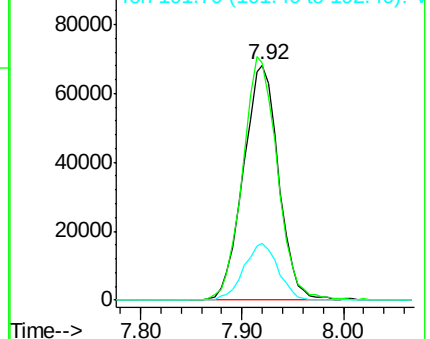
192 23.5 18.7 28.1

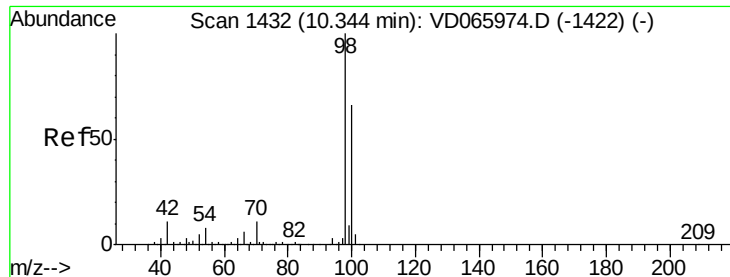


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.062 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

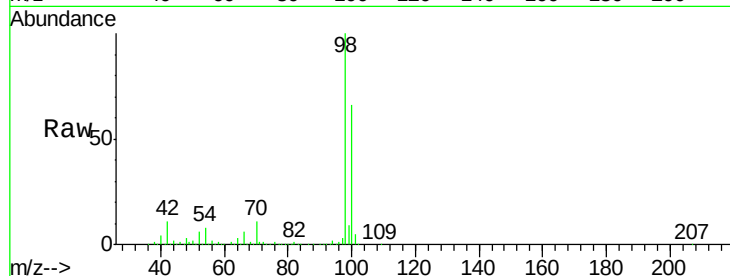
20017-20405

Tot Ion: 98 Resp: 654566

Ion Ratio Lower Upper

98 100

100 66.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

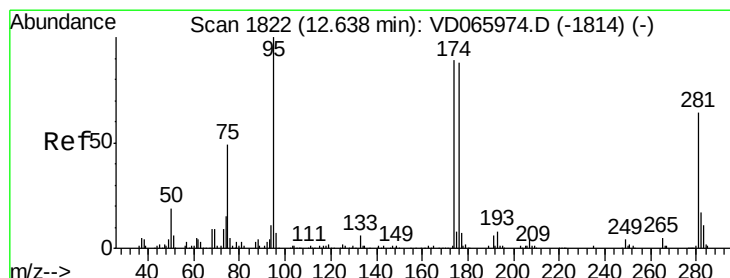
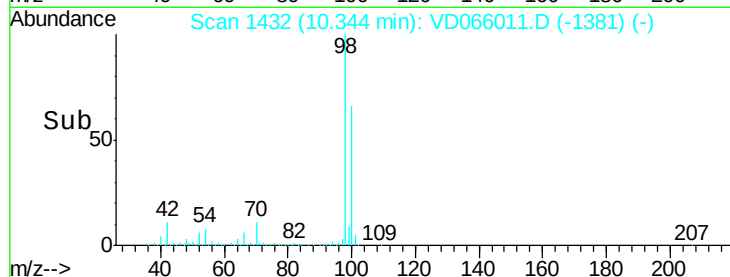
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 64.636 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

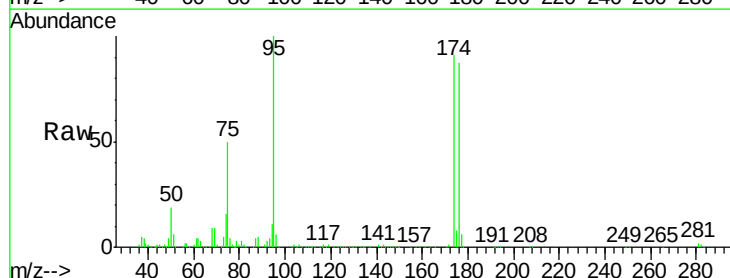
Tgt Ion: 95 Resp: 266425

Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.8

176 86.2 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

200000

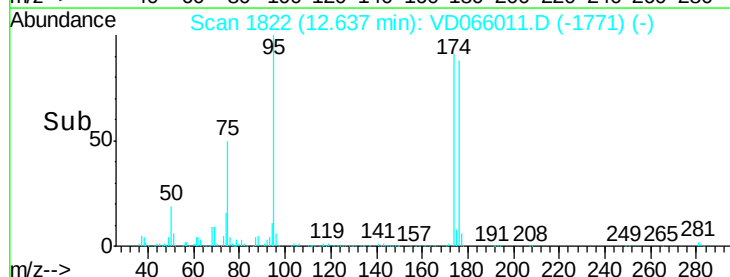
150000

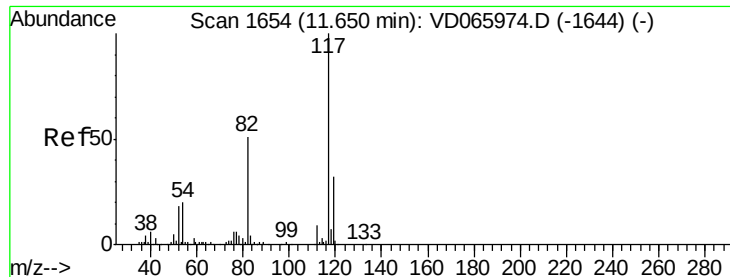
100000

50000

0

Time--> 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

20017-20405

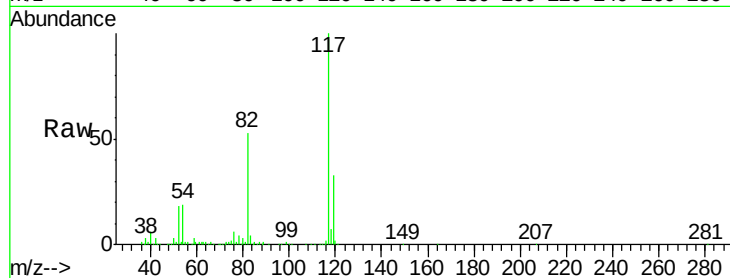
Tot Ion:117 Resp: 566704

Ion Ratio Lower Upper

117 100

82 52.9 41.1 61.7

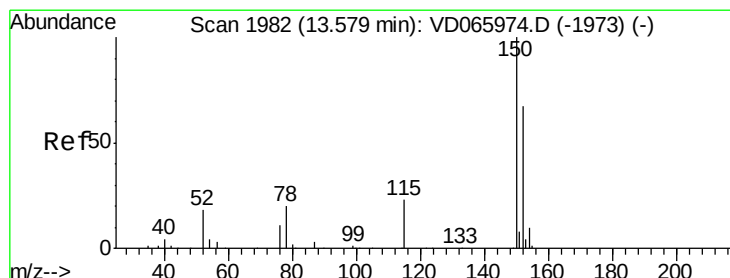
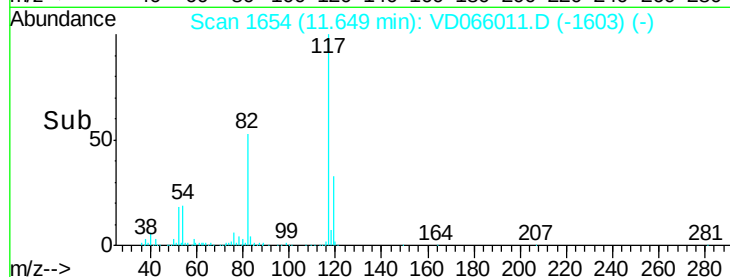
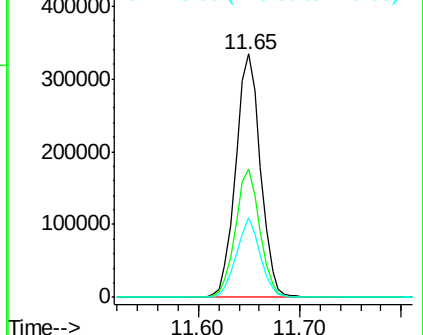
119 32.7 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

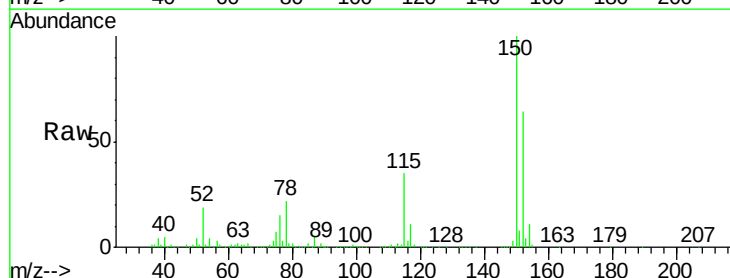
Tgt Ion:152 Resp: 301186

Ion Ratio Lower Upper

152 100

115 55.1 27.9 83.7

150 155.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

