

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062981.D
 Acq On : 1 Jul 2019 10:50
 Operator : VA/AP
 Sample : VD0701SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBL01

Quant Time: Jul 02 07:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	874624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1139036	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	937995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	495432	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	423059	44.50	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	89.00%	
35) Dibromofluoromethane	6.91	113	438661	45.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.34%	
50) Toluene-d8	10.40	98	924281	44.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.44%	
62) 4-Bromofluorobenzene	13.55	95	442229	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

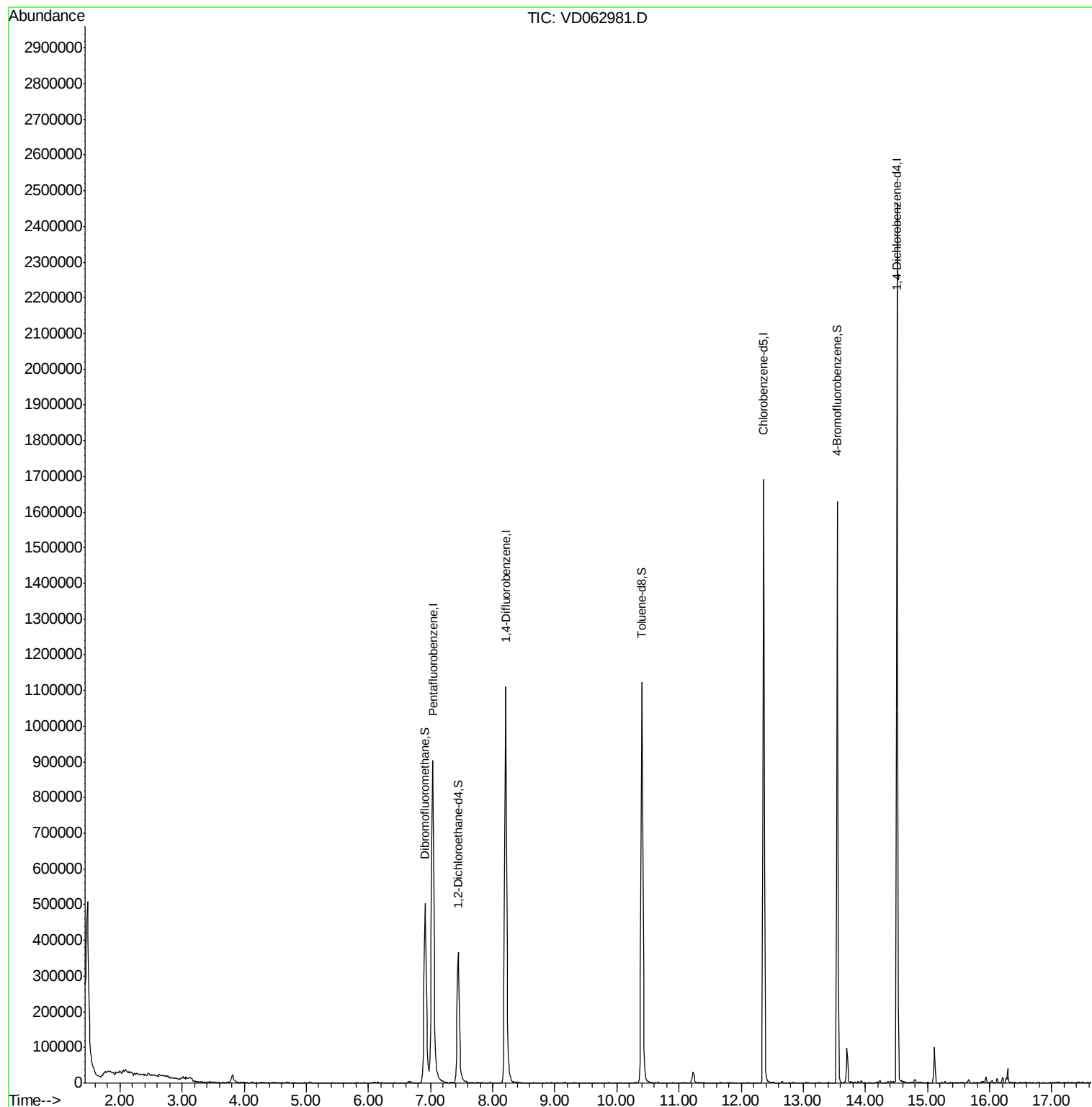
Target Compounds	Qvalue

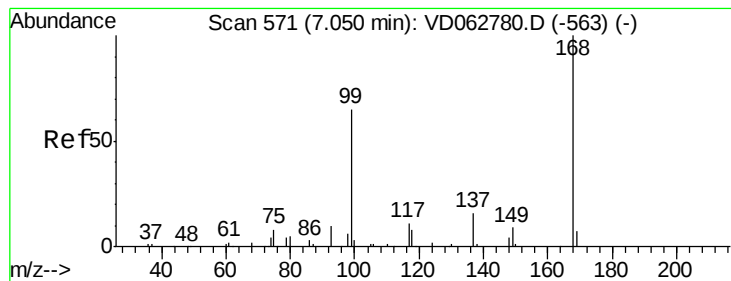
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062981.D

Acq: 1 Jul 2019 10:50

Instrument :

MSVOA_D

ClientSampleId :

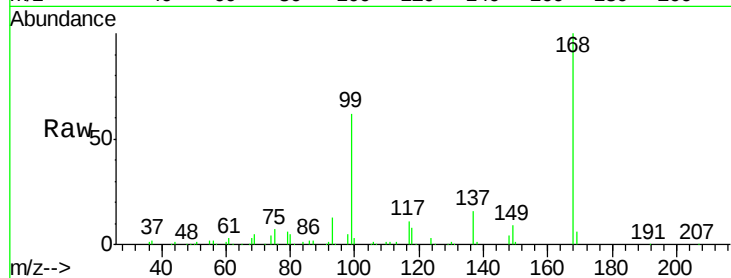
VD0701SBL01

Tot Ion:168 Resp: 874624

Ion Ratio Lower Upper

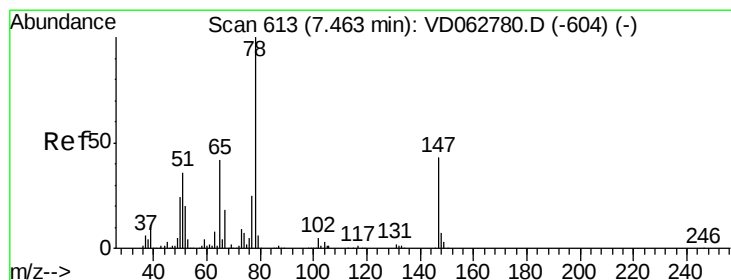
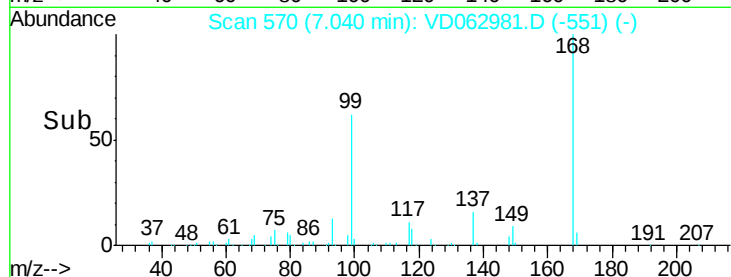
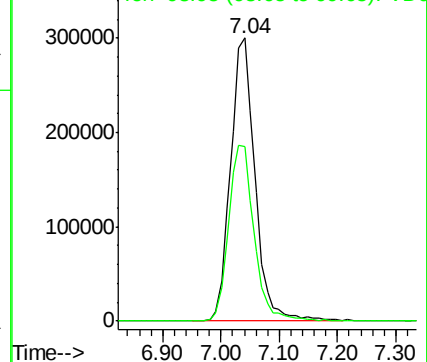
168 100

99 61.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 44.500 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062981.D

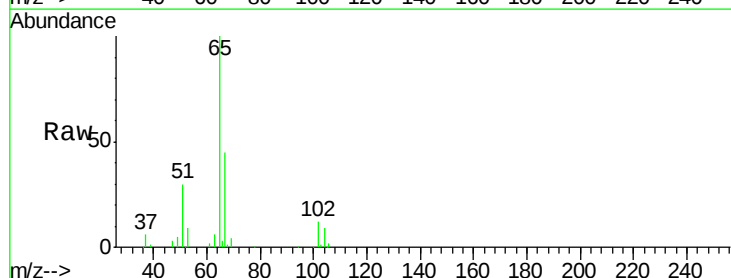
Acq: 1 Jul 2019 10:50

Tgt Ion: 65 Resp: 423059

Ion Ratio Lower Upper

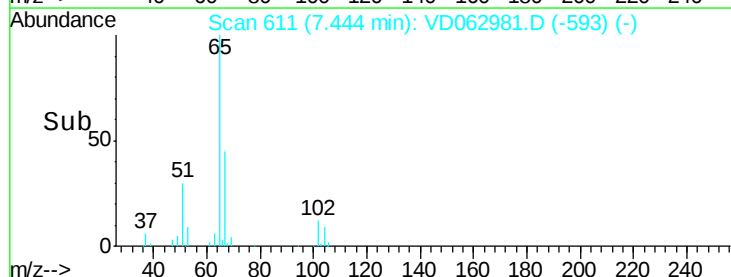
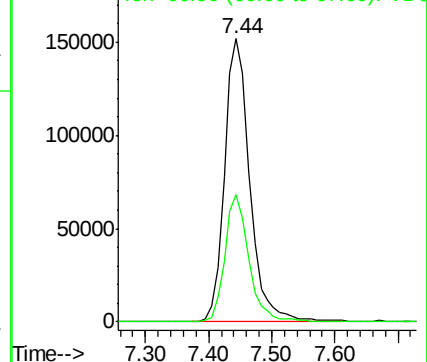
65 100

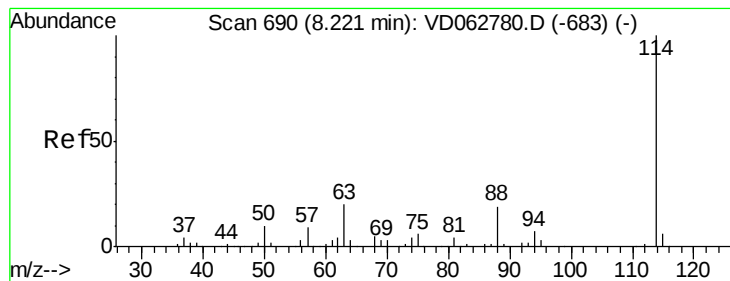
67 44.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062981.D

Acq: 1 Jul 2019 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0701SBL01

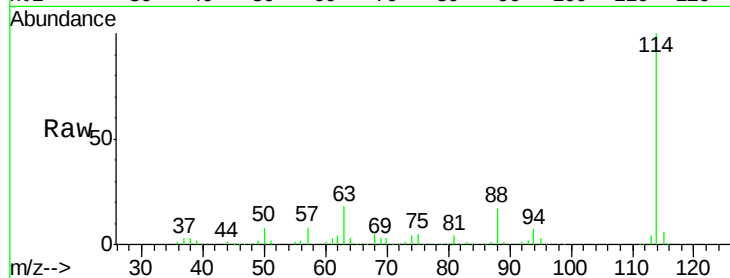
Tot Ion:114 Resp: 1139036

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 16.6 0.0 38.8



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

8.21

600000

500000

400000

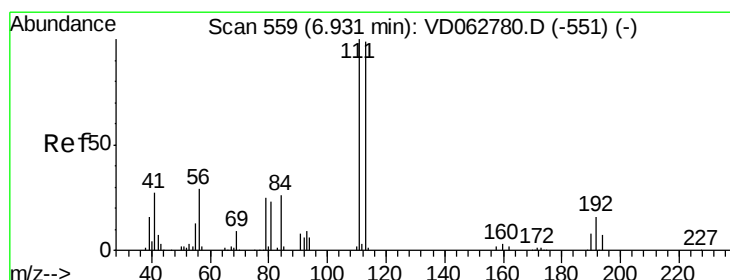
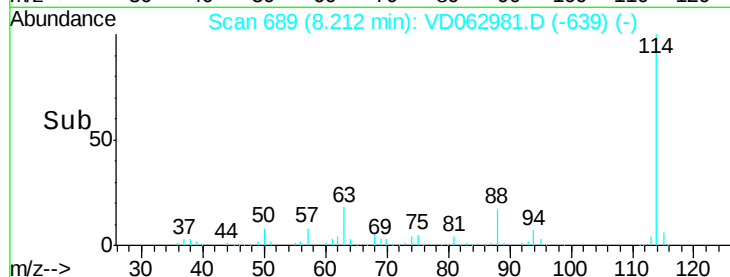
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 45.673 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD062981.D

Acq: 1 Jul 2019 10:50

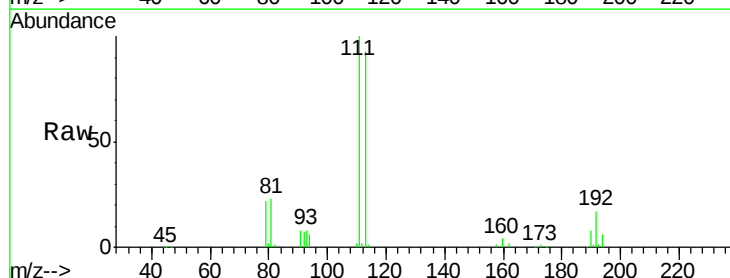
Tgt Ion:113 Resp: 438661

Ion Ratio Lower Upper

113 100

111 107.4 81.2 121.8

192 17.9 12.9 19.3



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

6.91

200000

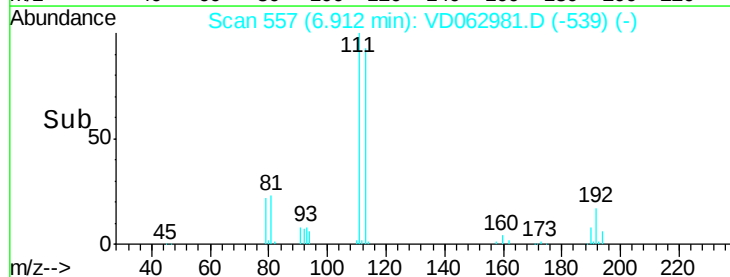
150000

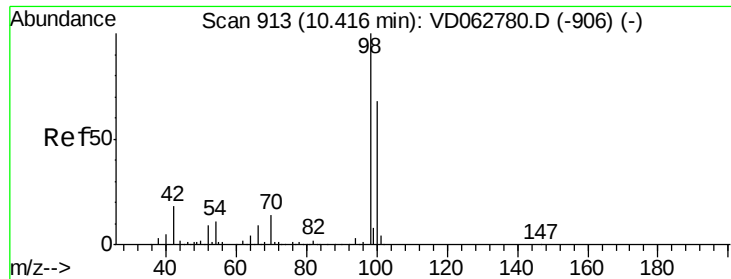
100000

50000

0

Time-->





#50

Toluene-d8

Concen: 44.217 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062981.D

Acq: 1 Jul 2019 10:50

Instrument :

MSVOA_D

ClientSampleId :

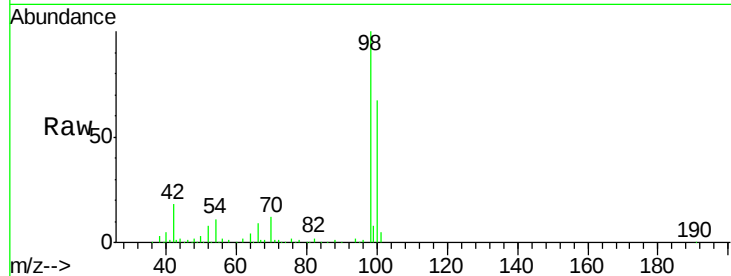
VD0701SBL01

Tot Ion: 98 Resp: 924281

Ion Ratio Lower Upper

98 100

100 66.8 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.40

400000

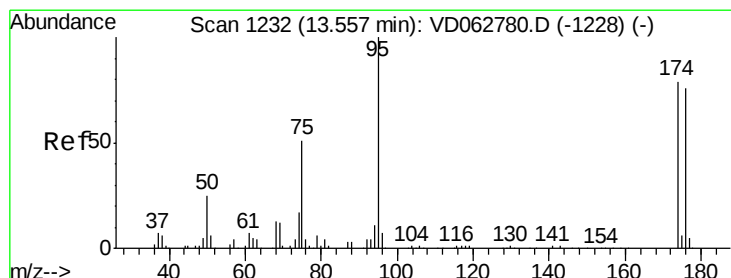
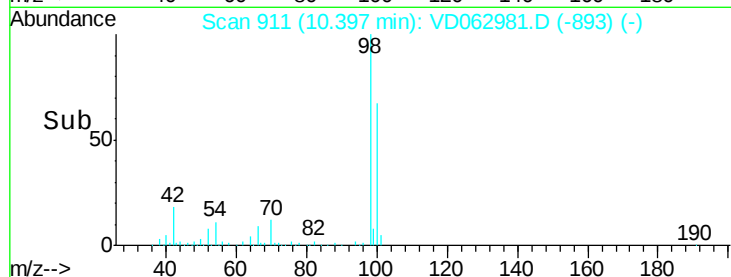
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.526 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062981.D

Acq: 1 Jul 2019 10:50

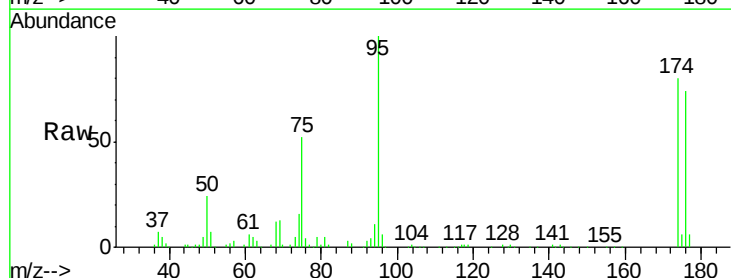
Tgt Ion: 95 Resp: 442229

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.0

176 74.3 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

13.55

400000

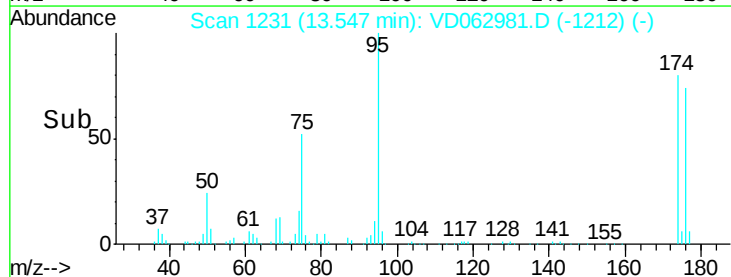
300000

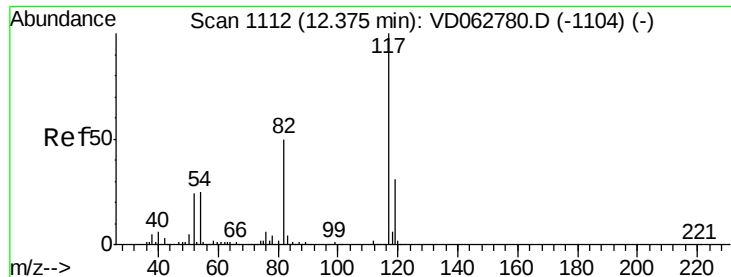
200000

100000

0

Time-->

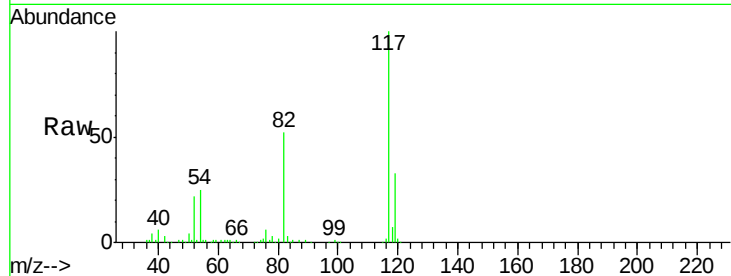




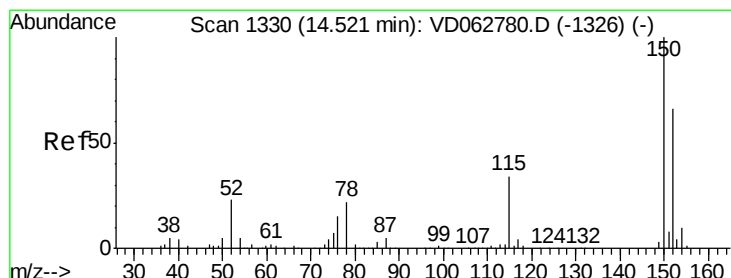
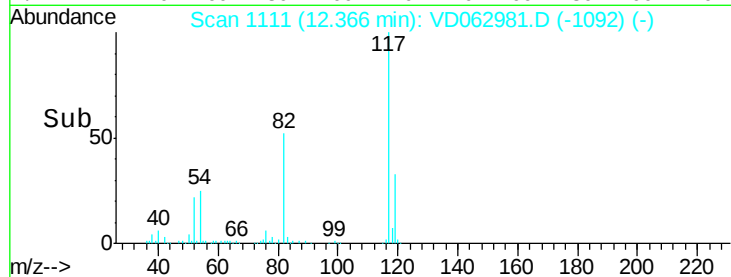
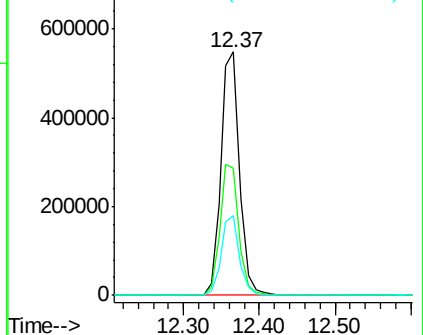
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062981.D
Acq: 1 Jul 2019 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0701SBL01

Tot Ion:117 Resp: 937995
Ion Ratio Lower Upper
117 100
82 52.3 40.4 60.6
119 32.9 25.2 37.8

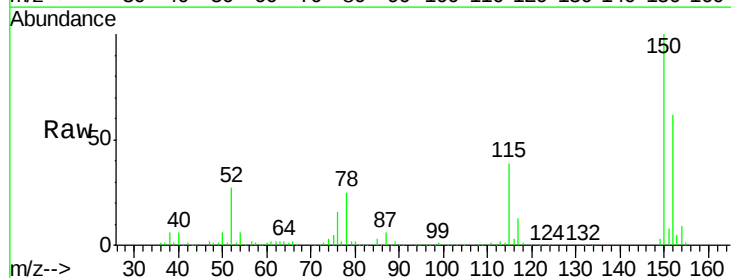


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062981.D
Acq: 1 Jul 2019 10:50

Tgt Ion:152 Resp: 495432
Ion Ratio Lower Upper
152 100
115 62.8 29.2 87.6
150 160.1 0.0 305.8



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

