

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063088.D
 Acq On : 15 Jul 2019 18:43
 Operator : VA/AP
 Sample : K3768-01
 Misc : 5.41g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 16 08:41:45 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	7.03	168	780969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1028112	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	832615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	396086	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	459168	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	6.91	113	501802	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.40	98	956592	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
62) 4-Bromofluorobenzene	13.55	95	420747	41.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.70%	

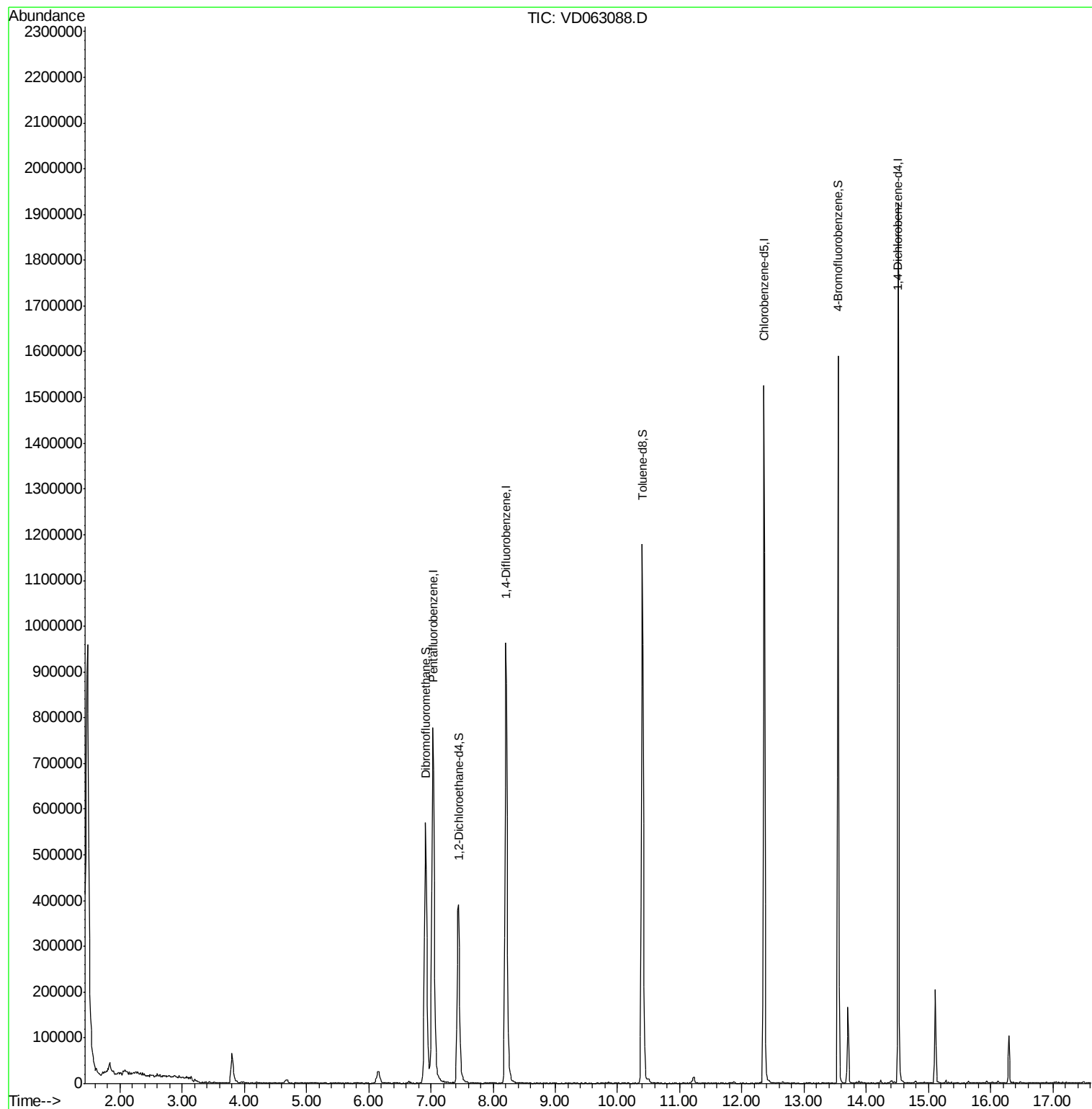
Target Compounds	Qvalue

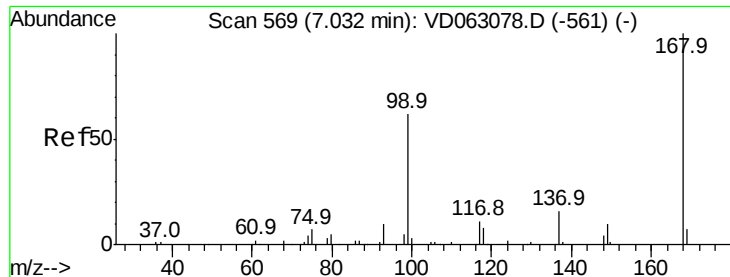
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071519\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063088.D

Acq: 15 Jul 2019 18:43

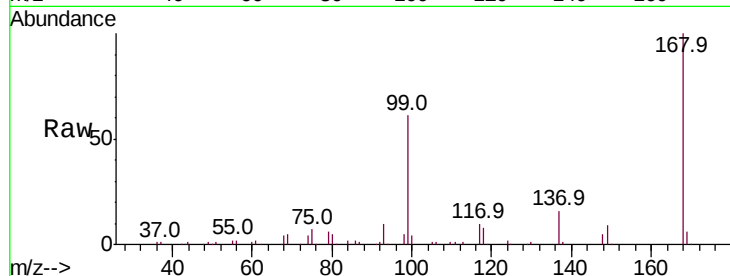
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:168 Resp: 780969

Ion Ratio Lower Upper

168 100

99 61.4 50.8 76.2

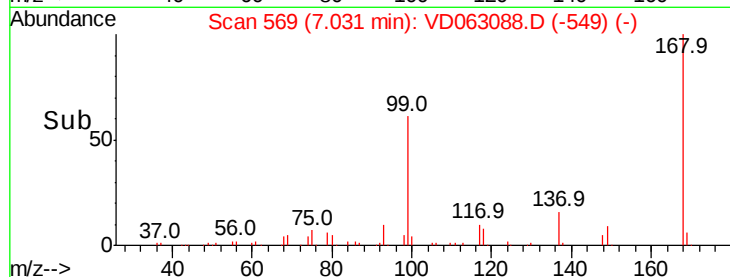


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

Time-->



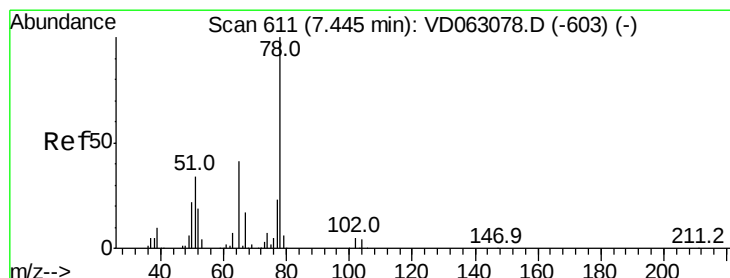
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.198 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063088.D

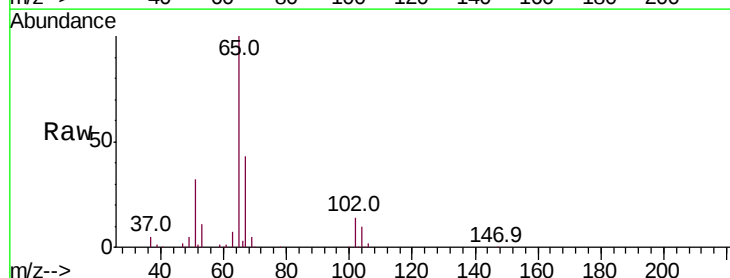
Acq: 15 Jul 2019 18:43

Tgt Ion: 65 Resp: 459168

Ion Ratio Lower Upper

65 100

67 43.5 0.0 86.0

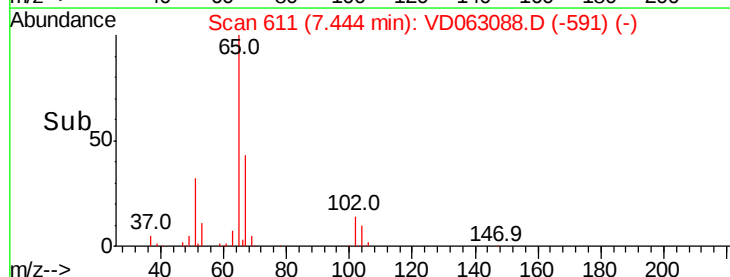


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

Time-->



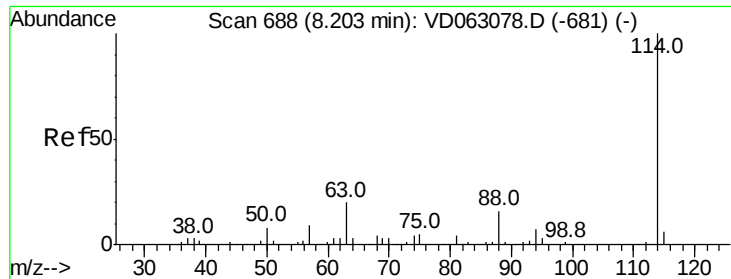
Abundance

Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

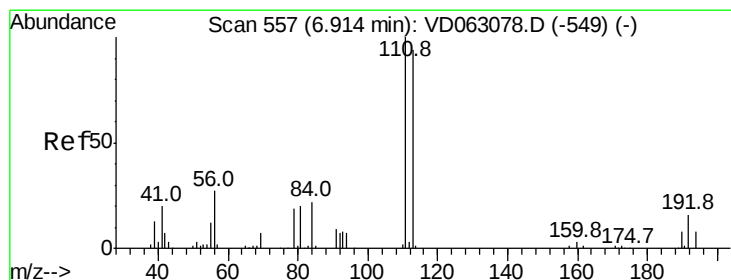
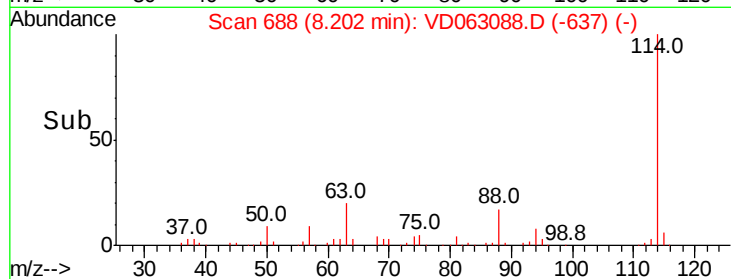
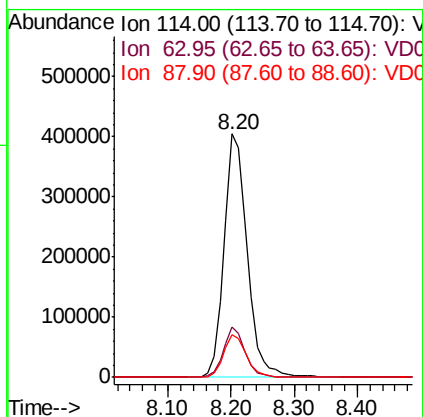
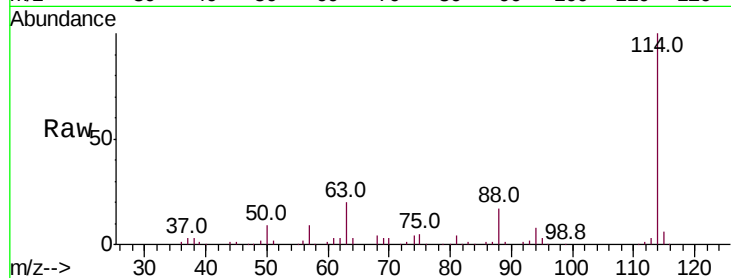
Time-->



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.00 min
Lab File: VD063088.D
Acq: 15 Jul 2019 18:43

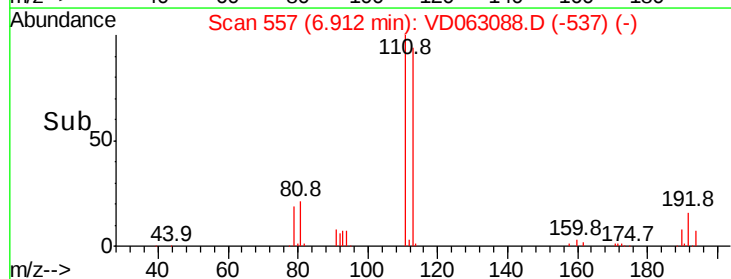
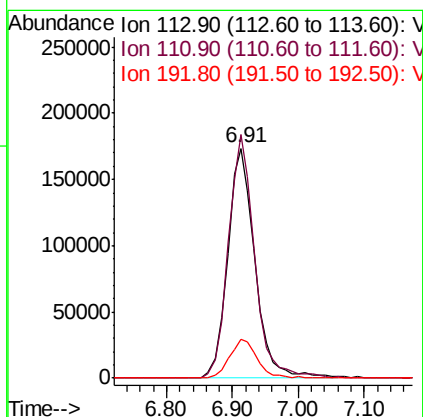
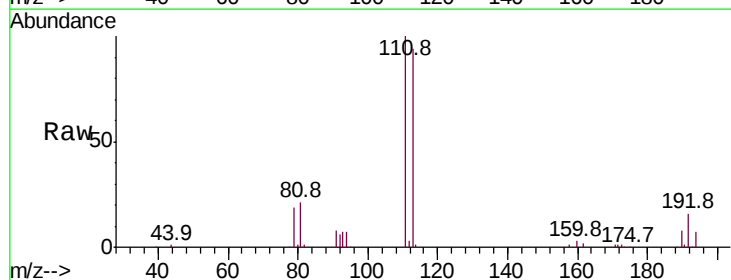
Instrument :
MSVOA_D
ClientSampled :
TP-1

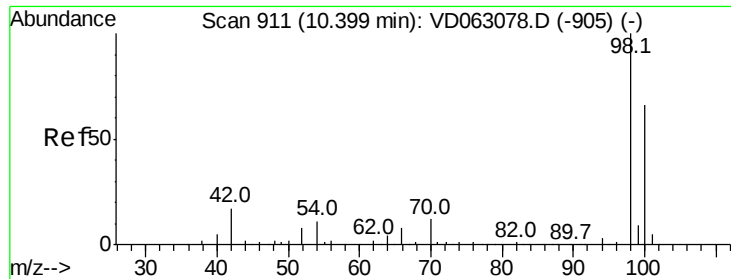
Tot Ion:114 Resp: 1028112
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.6
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.003 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.00 min
Lab File: VD063088.D
Acq: 15 Jul 2019 18:43

Tgt Ion:113 Resp: 501802
Ion Ratio Lower Upper
113 100
111 106.0 84.8 127.2
192 17.2 13.4 20.0





#50

Toluene-d8

Concen: 43.489 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD063088.D

Acq: 15 Jul 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

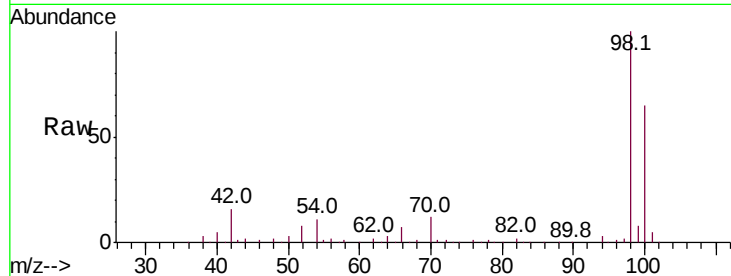
TP-1

Tot Ion: 98 Resp: 956592

Ion Ratio Lower Upper

98 100

100 64.7 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)

10.40

400000

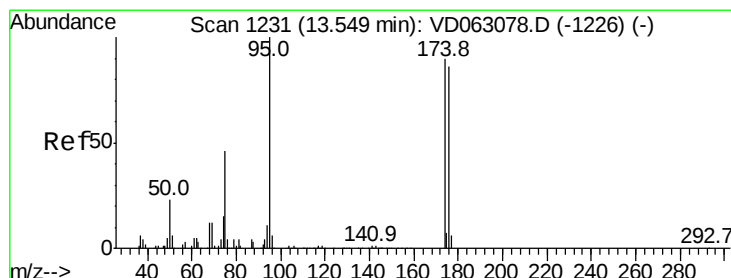
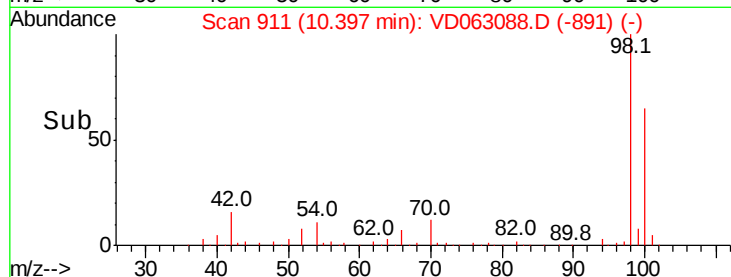
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.346 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063088.D

Acq: 15 Jul 2019 18:43

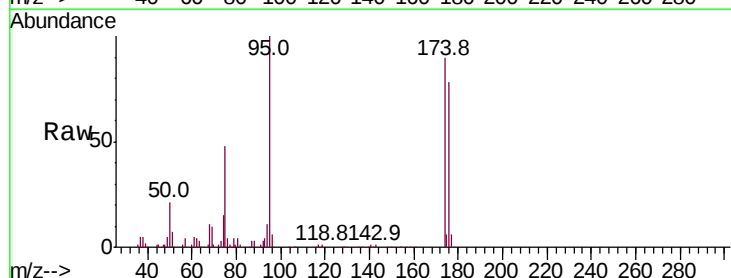
Tgt Ion: 95 Resp: 420747

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.6

176 78.0 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

13.55

400000

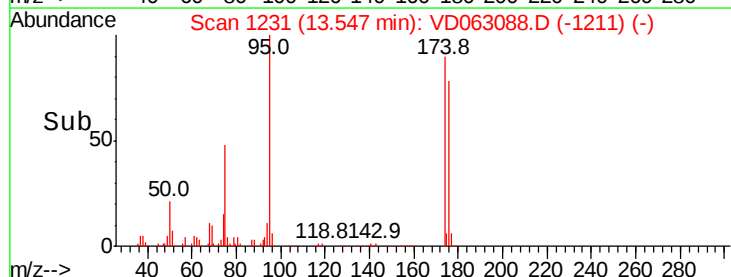
300000

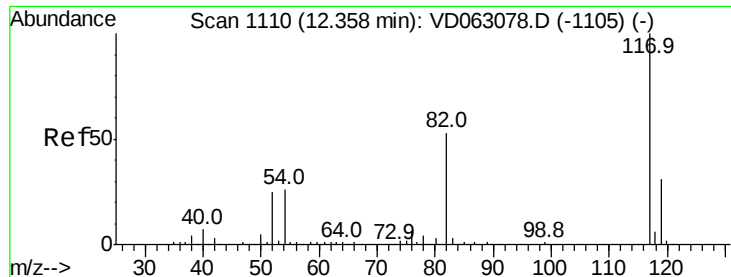
200000

100000

0

Time-->

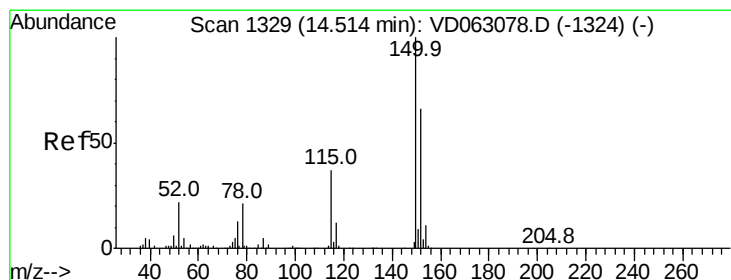
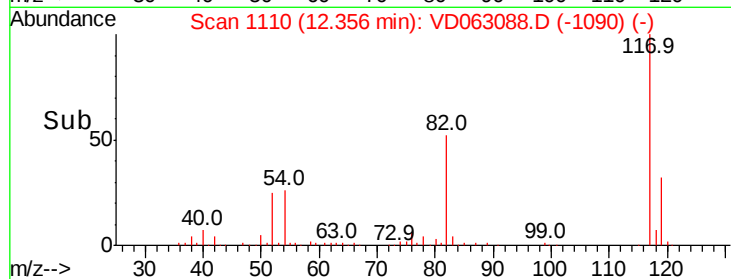
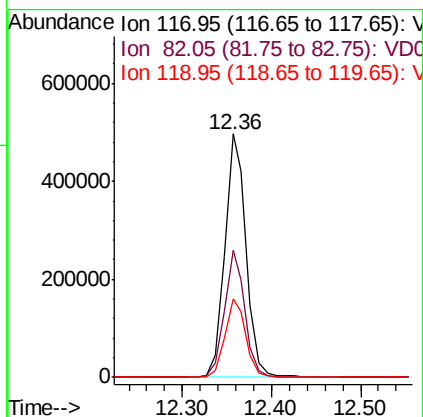
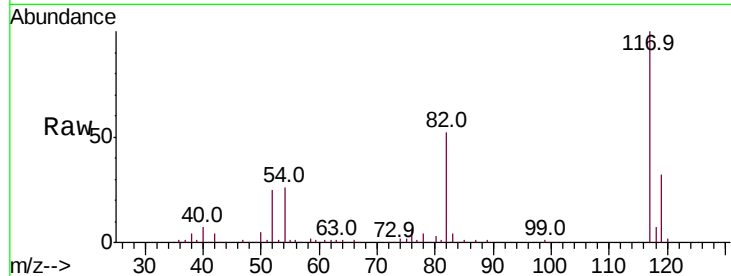




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063088.D
Acq: 15 Jul 2019 18:43

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 832615
Ion Ratio Lower Upper
117 100
82 52.4 42.3 63.5
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063088.D
Acq: 15 Jul 2019 18:43

Tgt Ion:152 Resp: 396086
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 155.3 0.0 313.8

