

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061390.D
 Acq On : 28 Mar 2019 14:40
 Operator : VA/AP
 Sample : VD0328SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBL01

Quant Time: Mar 28 16:59:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	768507	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	1302862	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	995176	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	481079	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	331974	50.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	6.92	113	515699	51.80	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.41	98	1179505	49.39	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	13.55	95	450338	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

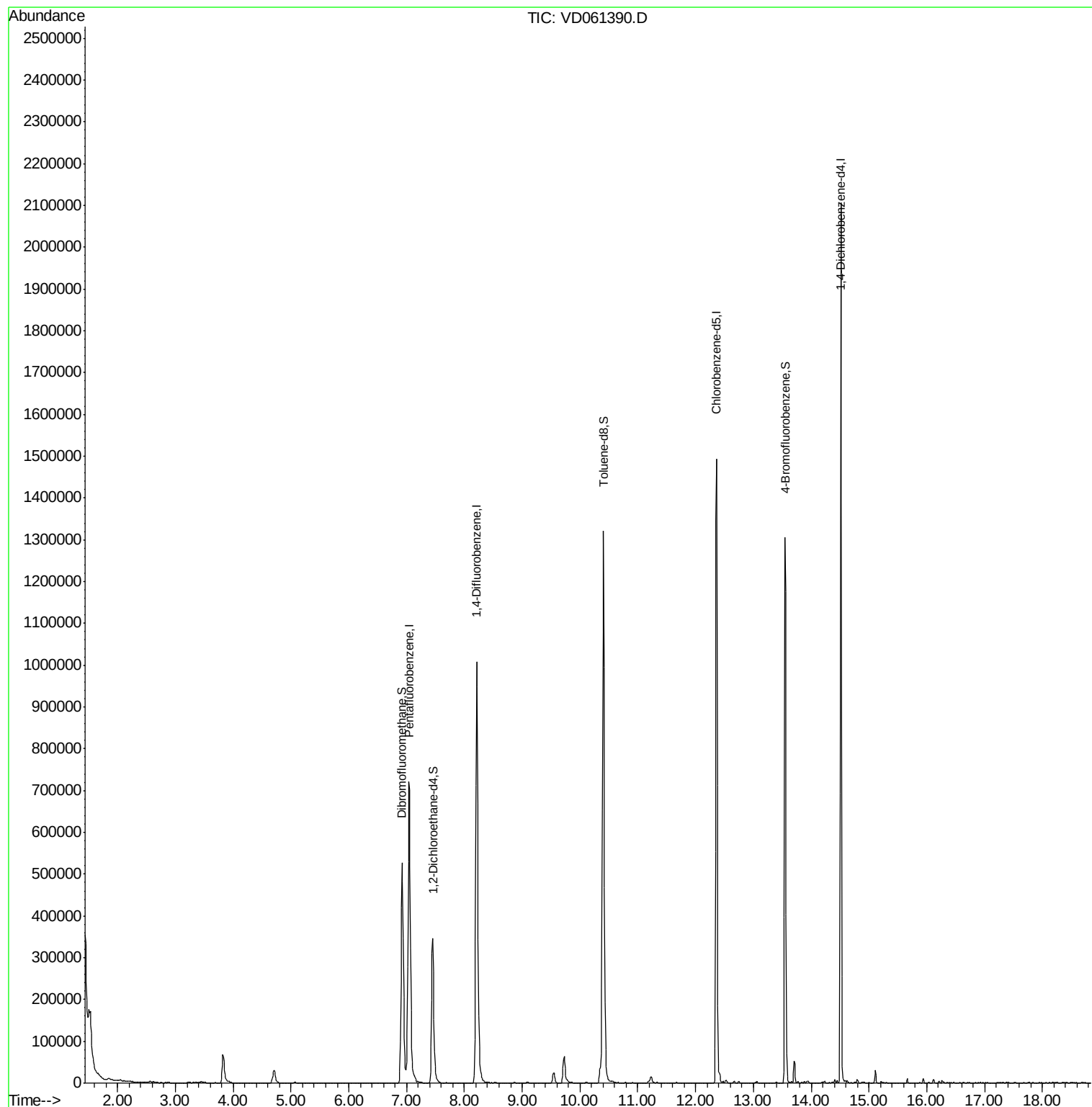
Target Compounds	Qvalue

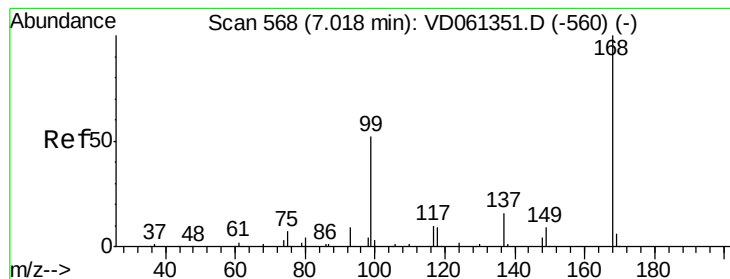
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

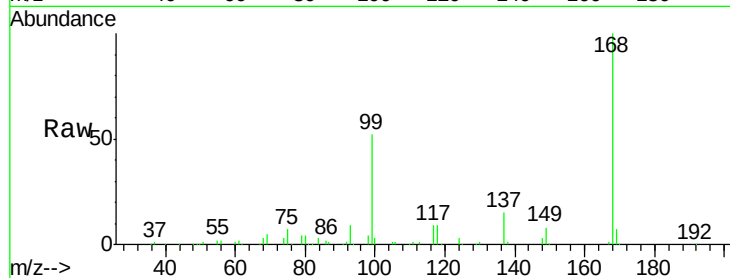
VD0328SBL01

Tot Ion:168 Resp: 768507

Ion Ratio Lower Upper

168 100

99 52.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

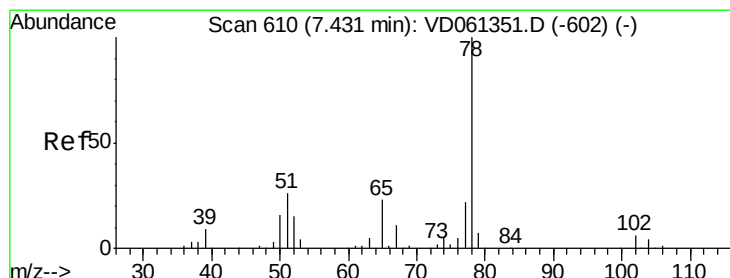
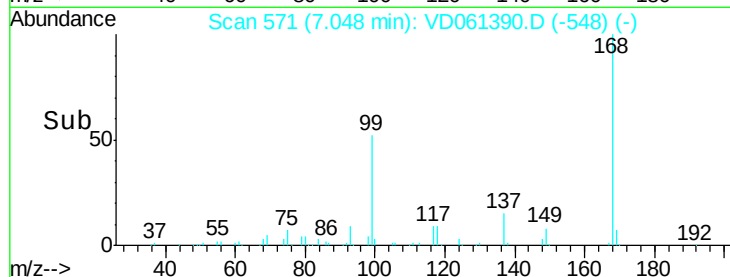
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061390.D

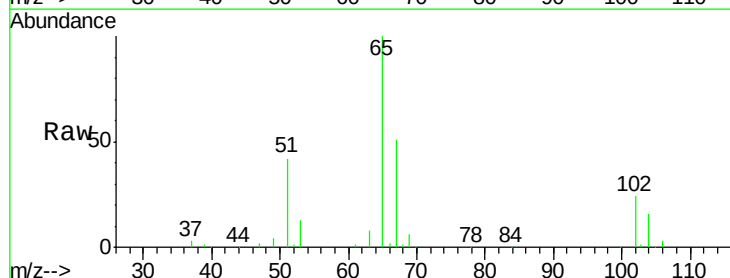
Acq: 28 Mar 2019 14:40

Tgt Ion: 65 Resp: 331974

Ion Ratio Lower Upper

65 100

67 51.3 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

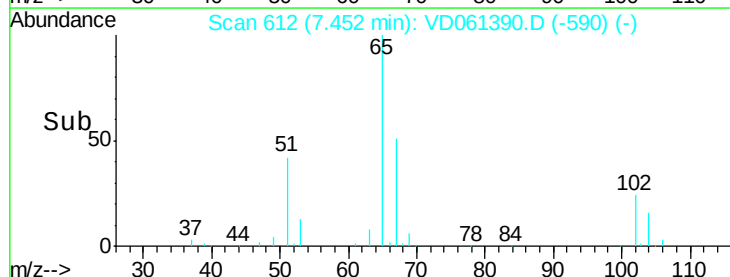
7.45

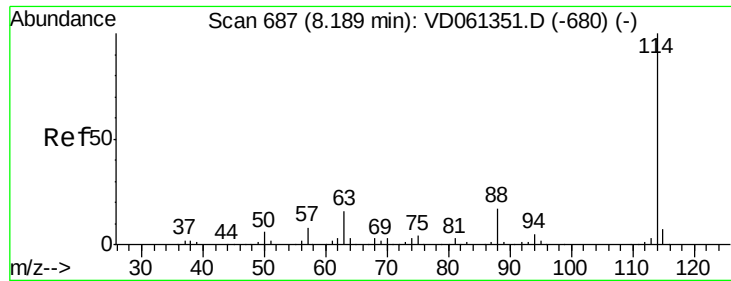
100000

50000

0

Time-->

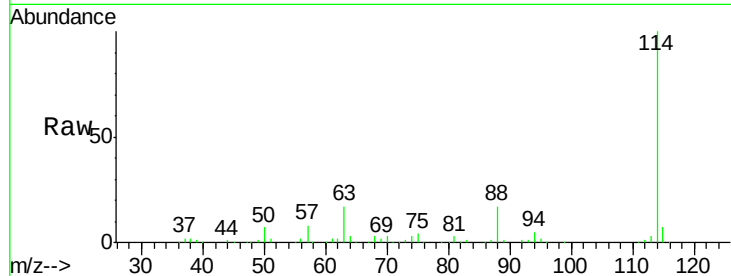




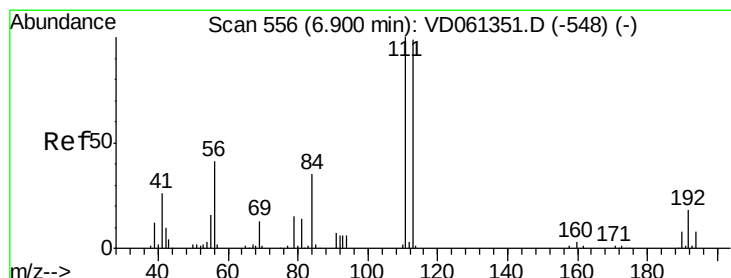
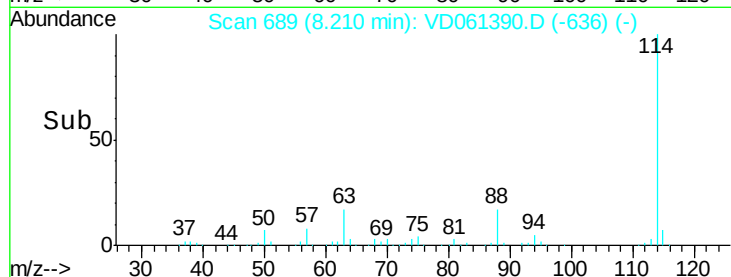
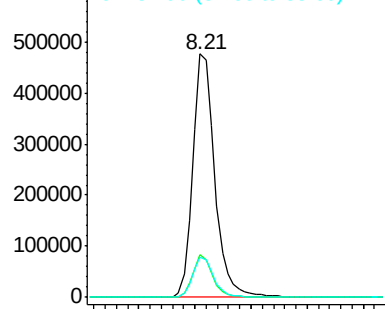
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061390.D
 Acq: 28 Mar 2019 14:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBL01

Tot Ion:114 Resp: 1302862
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 31.6
 88 16.6 0.0 33.4

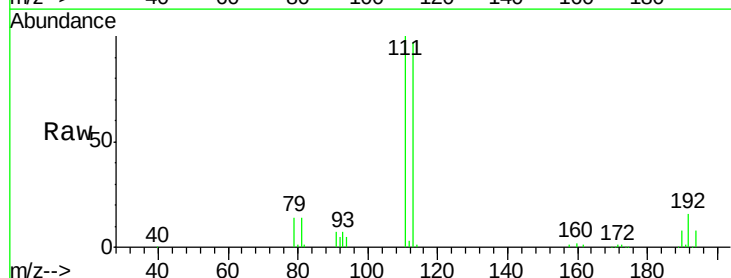


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

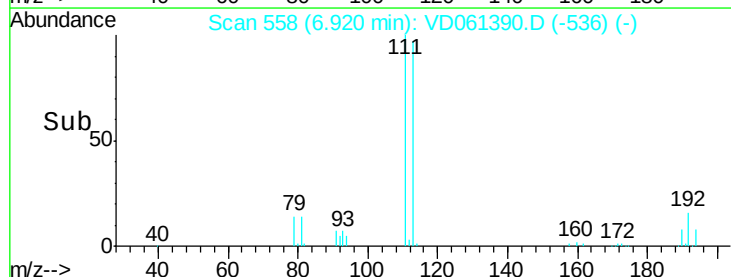
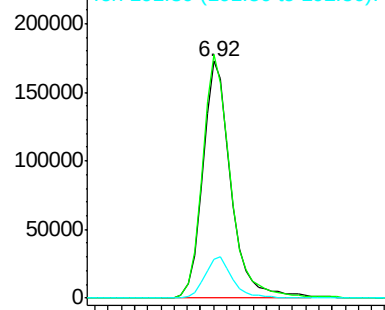


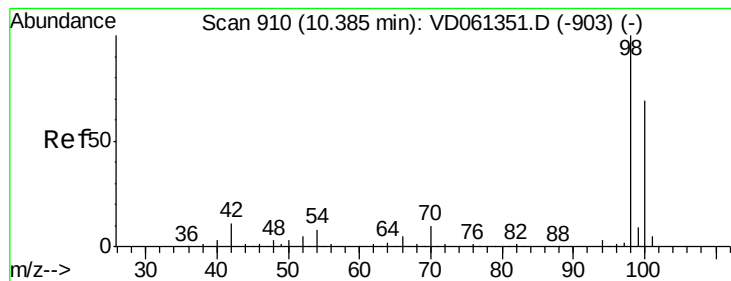
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061390.D
 Acq: 28 Mar 2019 14:40

Tgt Ion:113 Resp: 515699
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 16.2 14.4 21.6



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: N.D. ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

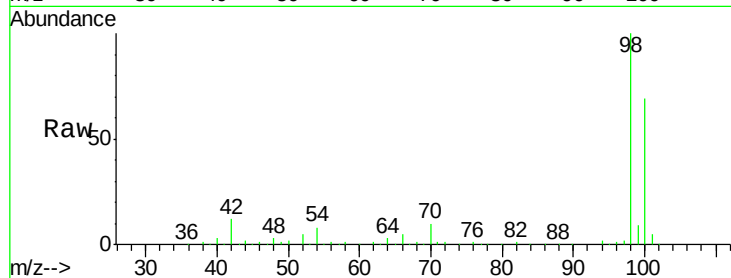
VD0328SBL01

Tot Ion: 98 Resp: 1179505

Ion Ratio Lower Upper

98 100

100 69.3 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.41

500000

400000

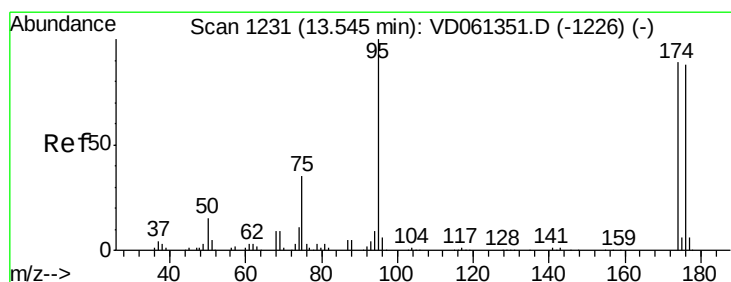
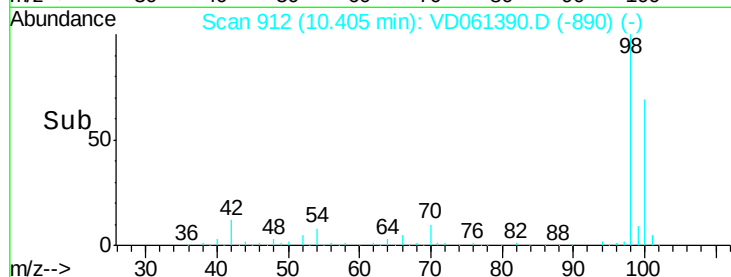
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VD061390.D

Acq: 28 Mar 2019 14:40

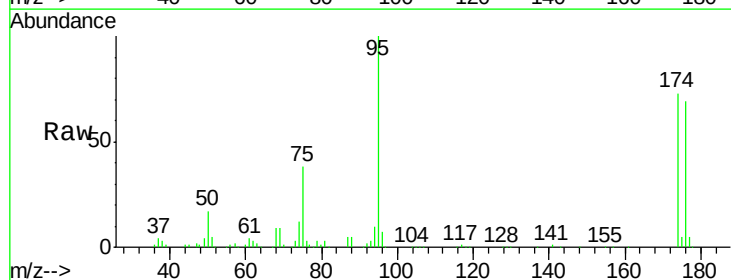
Tgt Ion: 95 Resp: 450338

Ion Ratio Lower Upper

95 100

174 72.6 0.0 178.0

176 68.9 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

13.55

400000

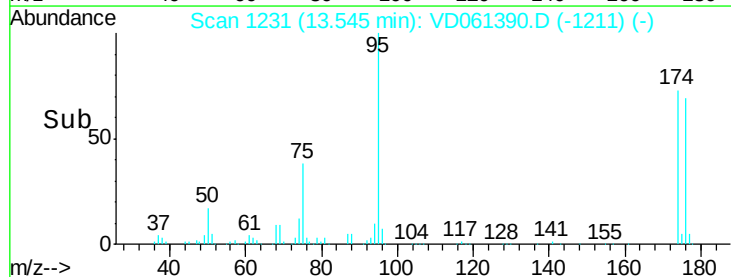
300000

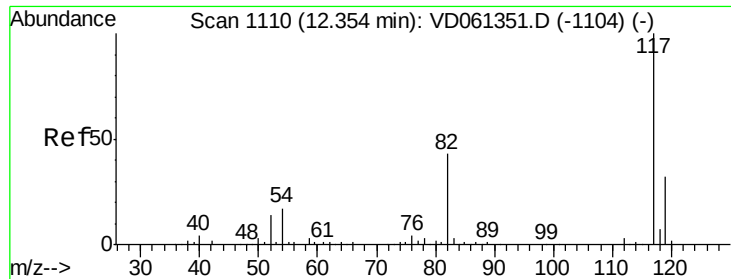
200000

100000

0

Time-->

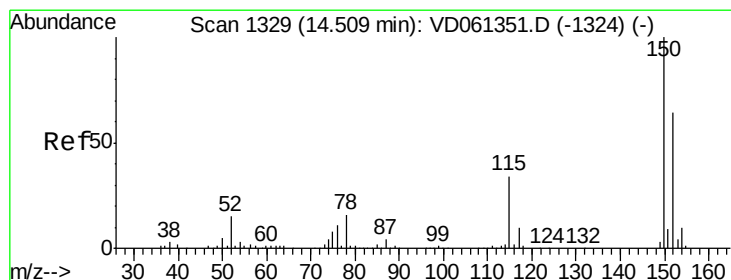
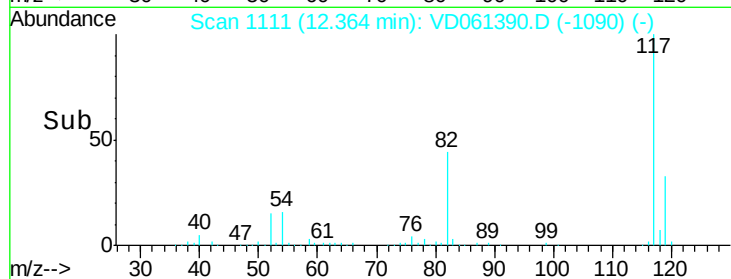
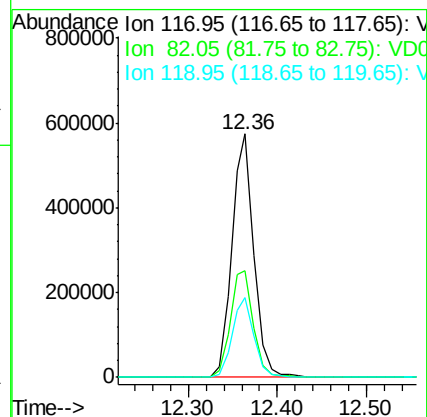
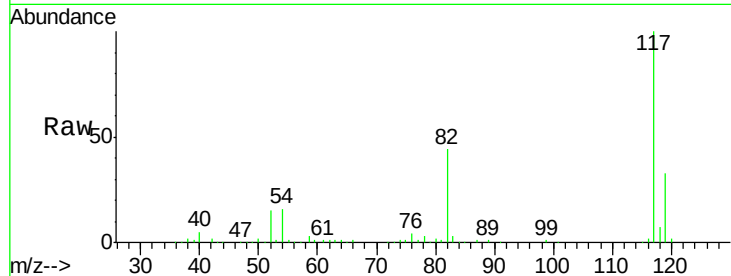




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061390.D
Acq: 28 Mar 2019 14:40

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

Tot Ion:117 Resp: 995176
Ion Ratio Lower Upper
117 100
82 43.7 34.4 51.6
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061390.D
Acq: 28 Mar 2019 14:40

Tgt Ion:152 Resp: 481079
Ion Ratio Lower Upper
152 100
115 60.3 26.9 80.6
150 155.6 0.0 318.0

