

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061080.D
 Acq On : 15 Mar 2019 11:50
 Operator : VA/AP
 Sample : VD0315SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBL01

Quant Time: Mar 16 05:52:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	773851	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1313061	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	1020632	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	506907	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	291201	45.21	ug/l	0.03
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	6.95	113	469404	48.17	ug/l	0.03
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.43	98	1087869	44.46	ug/l	0.03
Spiked Amount	50.000		Recovery	=	88.92%	
62) 4-Bromofluorobenzene	13.57	95	438328	46.16	ug/l	0.02
Spiked Amount	50.000		Recovery	=	92.32%	

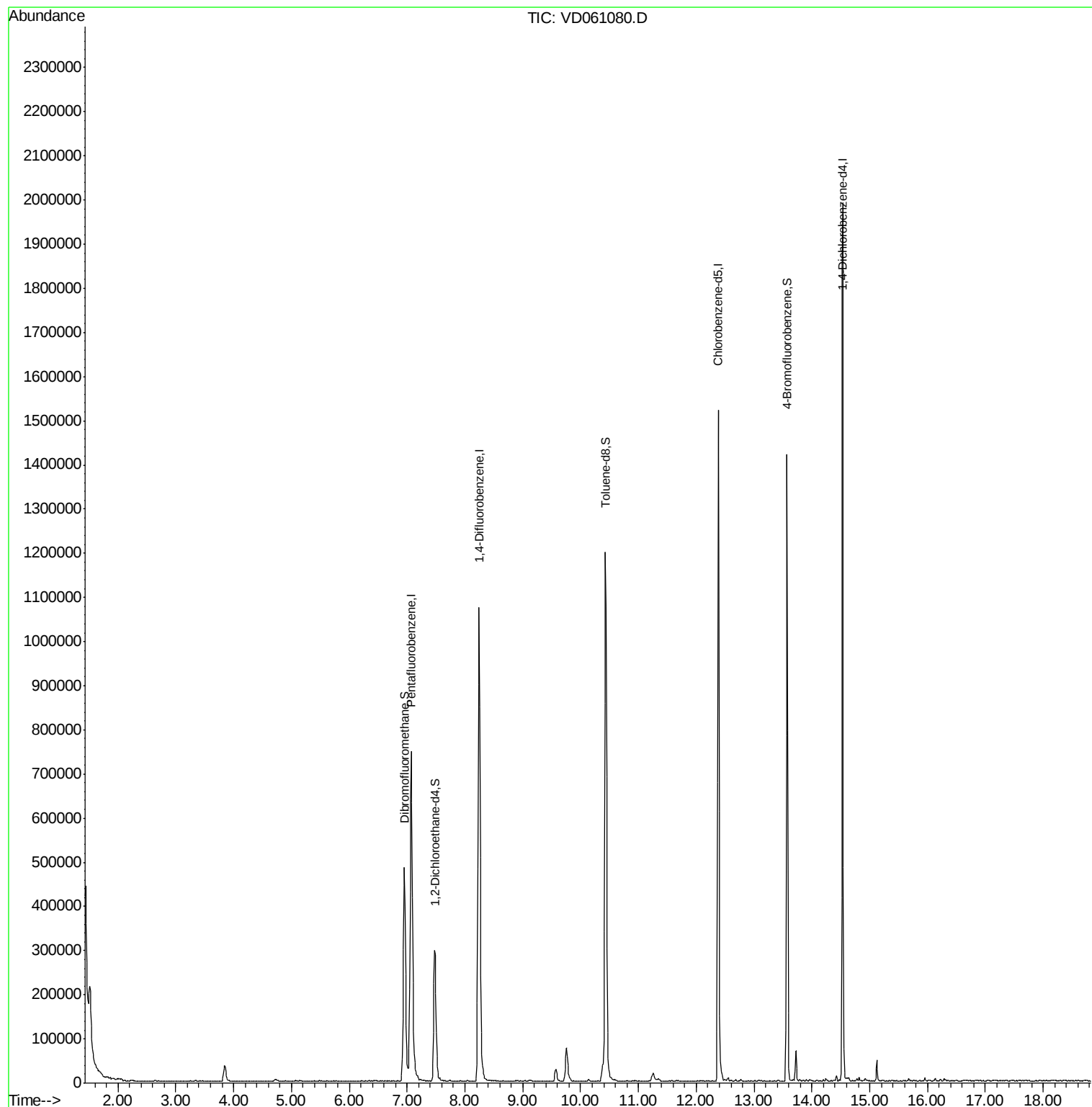
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061080.D

Acq: 15 Mar 2019 11:50

Instrument :

MSVOA_D

ClientSampleId :

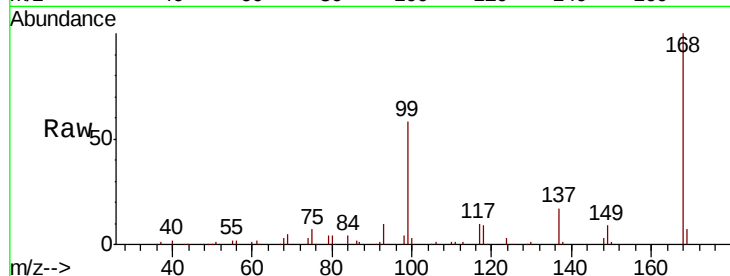
VD0315SBL01

Tgt Ion:168 Resp: 773851

Ion Ratio Lower Upper

168 100

99 58.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

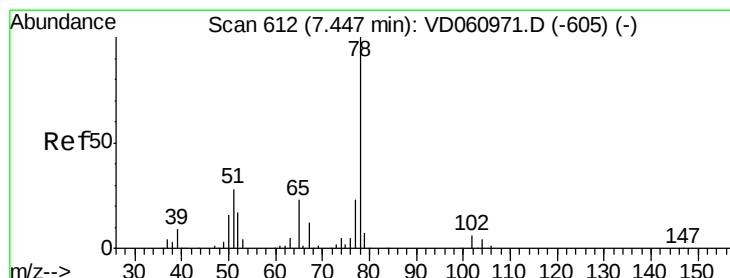
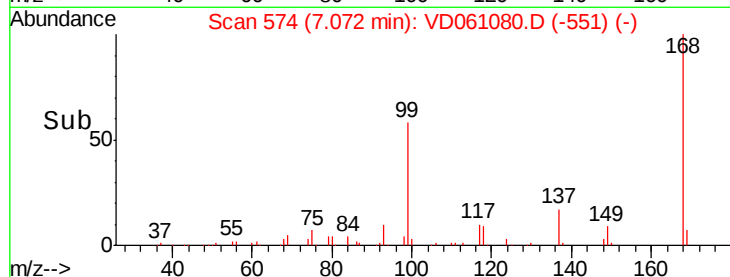
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061080.D

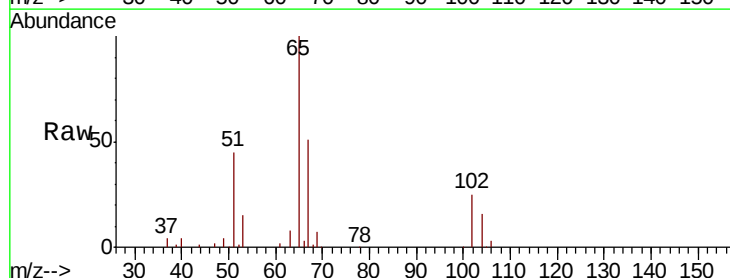
Acq: 15 Mar 2019 11:50

Tgt Ion: 65 Resp: 291201

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.48

120000

100000

80000

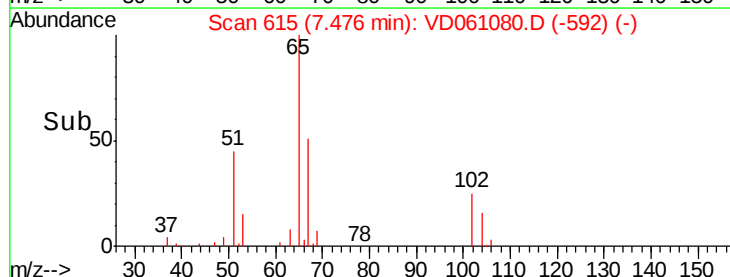
60000

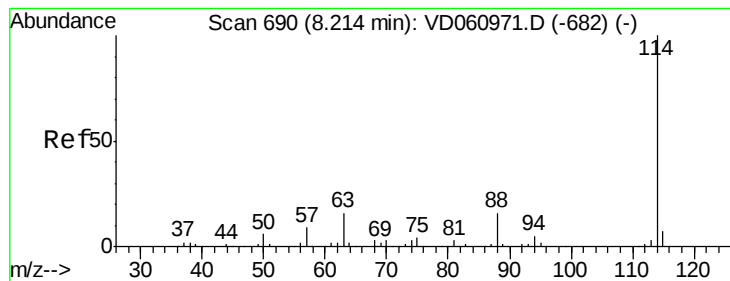
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD061080.D

Acq: 15 Mar 2019 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBL01

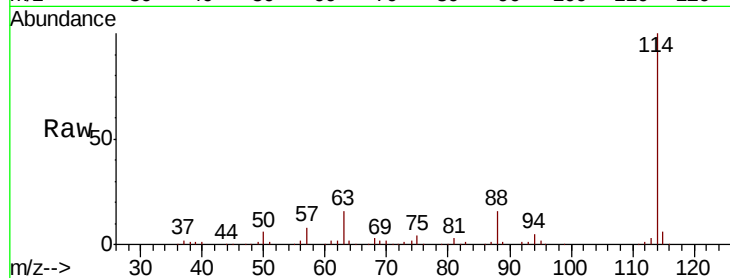
Tgt Ion:114 Resp: 1313061

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

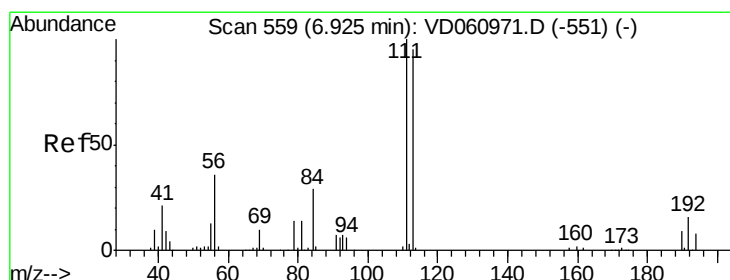
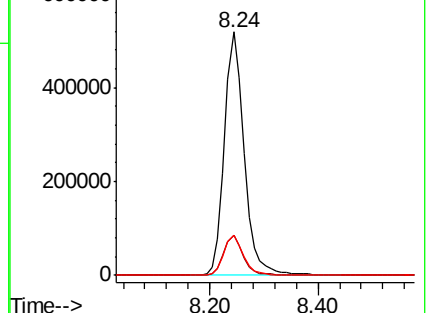
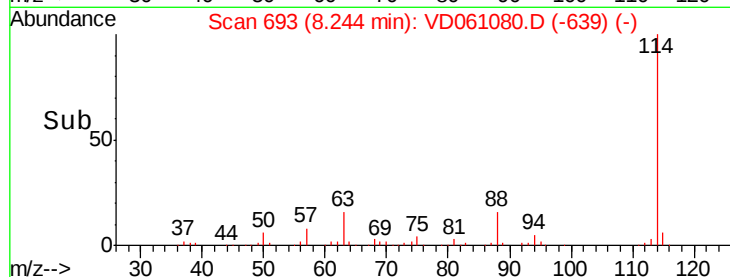
88 16.3 0.0 33.0



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: 6.95 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061080.D

Acq: 15 Mar 2019 11:50

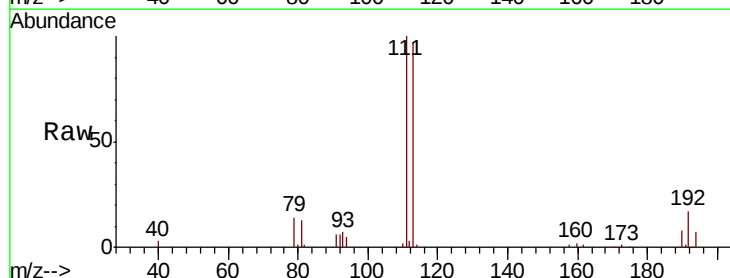
Tgt Ion:113 Resp: 469404

Ion Ratio Lower Upper

113 100

111 103.2 84.2 126.4

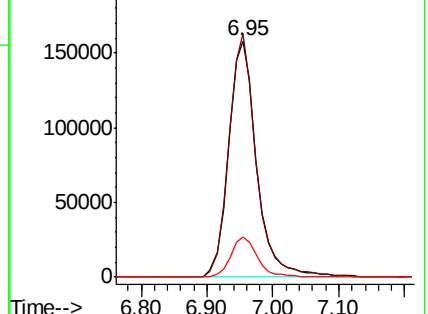
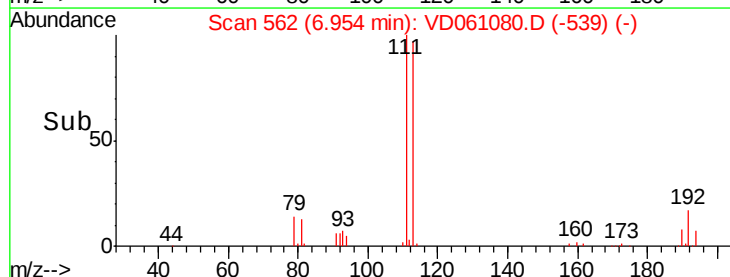
192 17.0 13.1 19.7

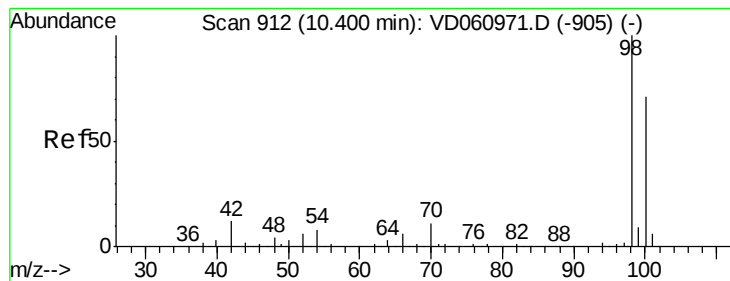


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061080.D

Acq: 15 Mar 2019 11:50

Instrument :

MSVOA_D

ClientSampleId :

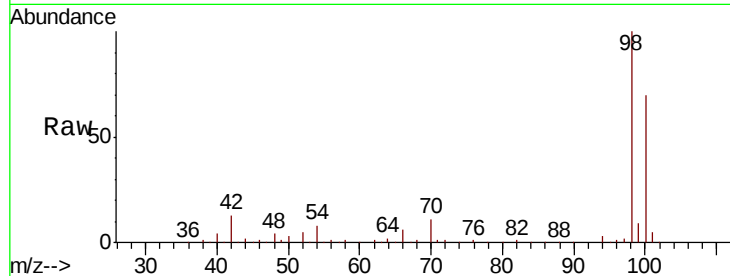
VD0315SBL01

Tgt Ion: 98 Resp: 1087869

Ion Ratio Lower Upper

98 100

100 70.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.43

500000

400000

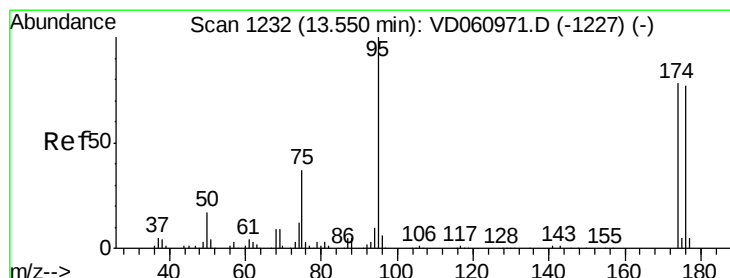
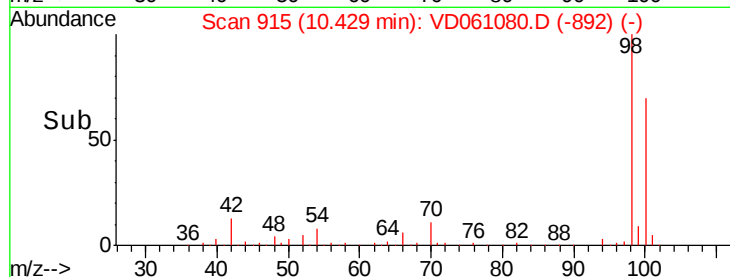
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061080.D

Acq: 15 Mar 2019 11:50

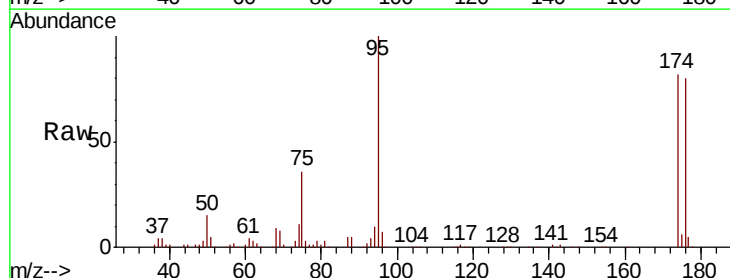
Tgt Ion: 95 Resp: 438328

Ion Ratio Lower Upper

95 100

174 81.9 0.0 155.6

176 80.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.57

400000

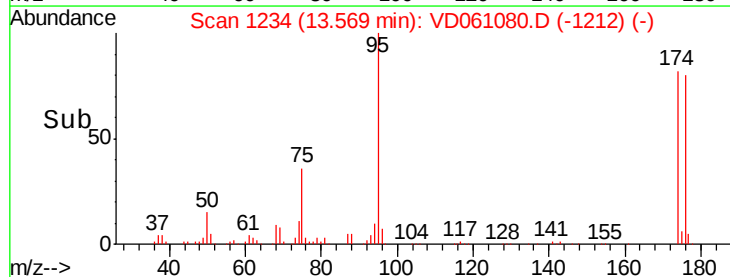
300000

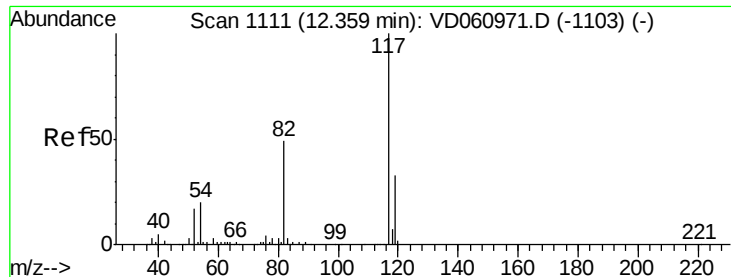
200000

100000

0

Time-->

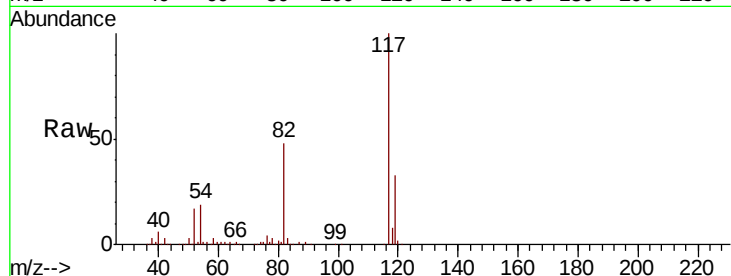




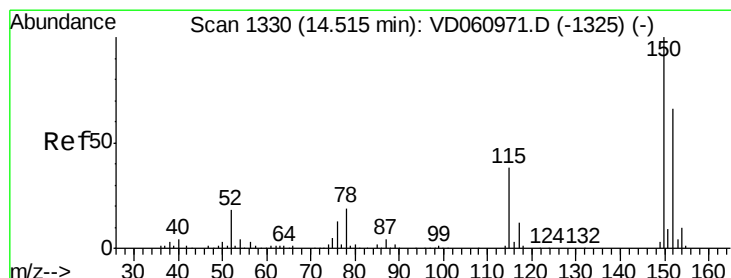
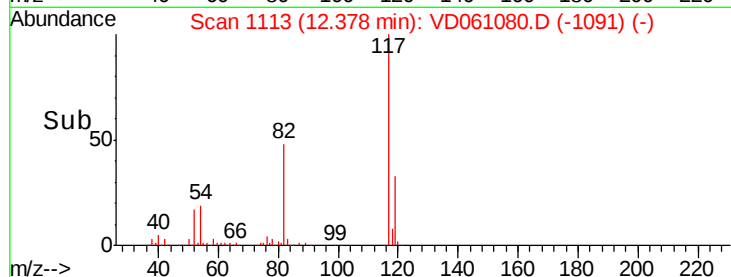
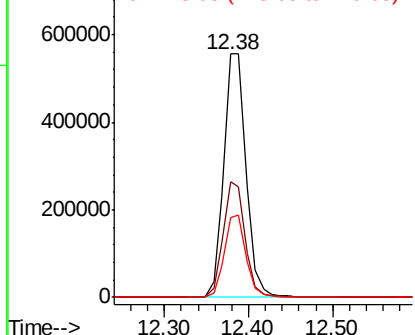
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061080.D
Acq: 15 Mar 2019 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL01

Tgt Ion:117 Resp: 1020632
Ion Ratio Lower Upper
117 100
82 47.6 38.9 58.3
119 32.8 26.6 39.8

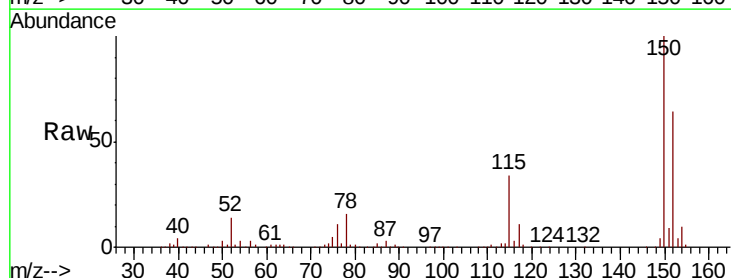


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061080.D
Acq: 15 Mar 2019 11:50

Tgt Ion:152 Resp: 506907
Ion Ratio Lower Upper
152 100
115 52.1 28.6 85.9
150 155.3 0.0 310.6



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

