

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031519\
 Data File : VD061090.D
 Acq On : 15 Mar 2019 16:43
 Operator : VA/AP
 Sample : K1901-08RE
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(6.5-7.5)RE

Quant Time: Mar 16 05:43:35 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	7.08	168	1959	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	4700	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	3391	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	720	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	1110	68.07	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	136.14%	
35) Dibromofluoromethane	6.94	113	1402	40.19	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	80.38%	
50) Toluene-d8	10.43	98	3698	42.22	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	84.44%	
62) 4-Bromofluorobenzene	13.57	95	843	24.80	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	49.60%	

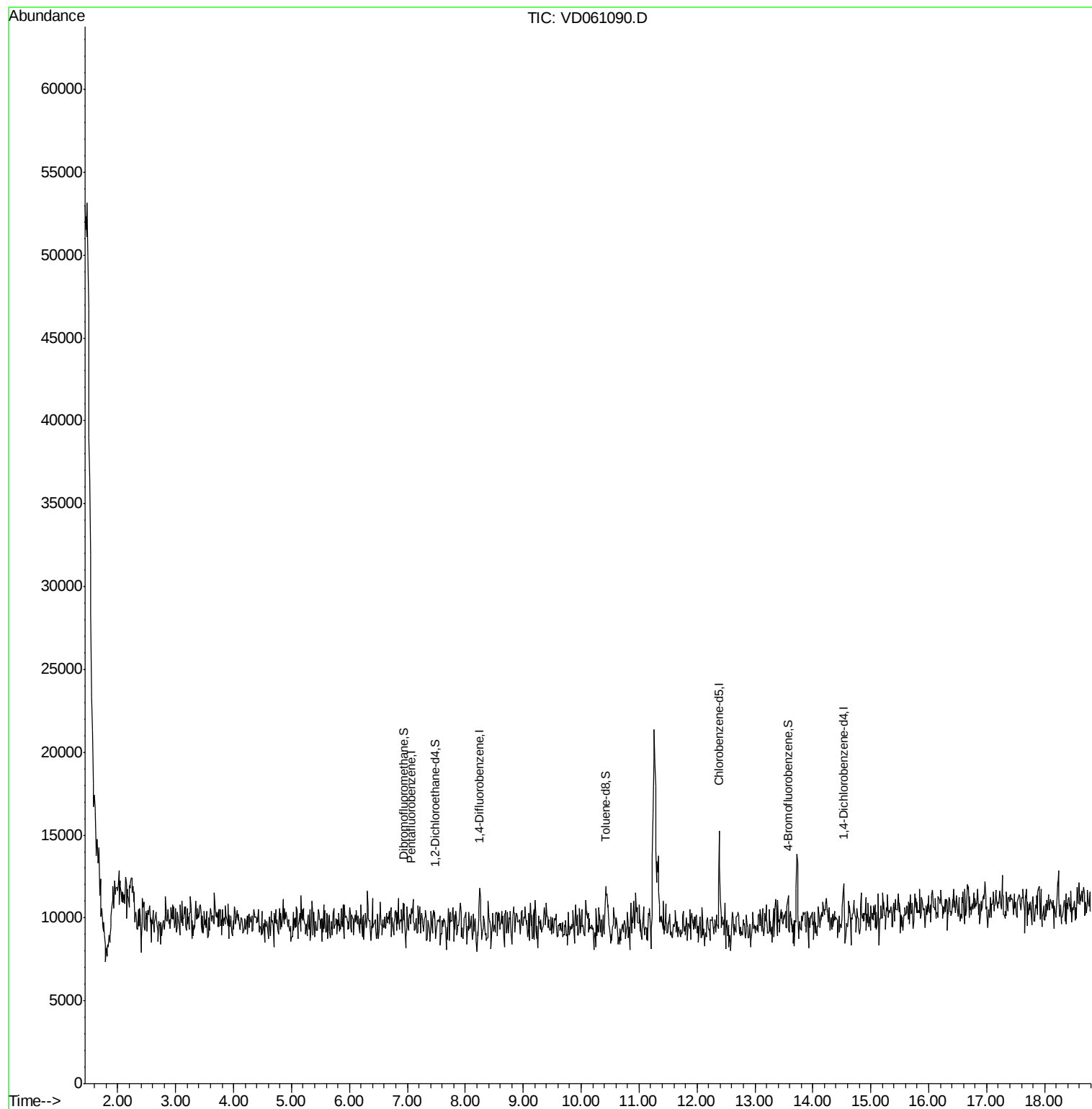
Target Compounds	Qvalue

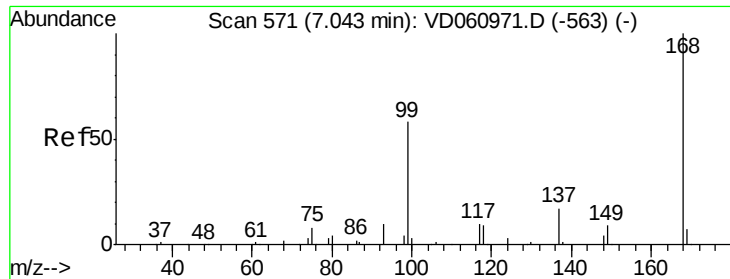
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061090.D

Acq: 15 Mar 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

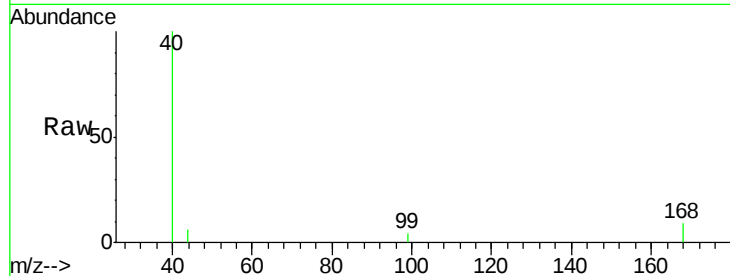
SB-6(6.5-7.5)RE

Tot Ion:168 Resp: 1959

Ion Ratio Lower Upper

168 100

99 40.8 47.3 70.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

800

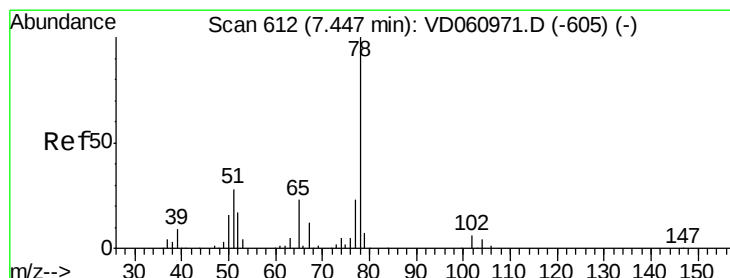
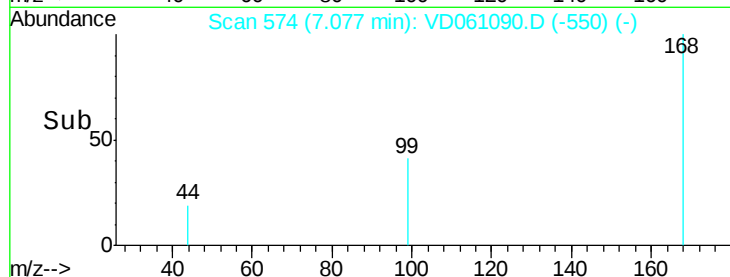
600

400

200

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061090.D

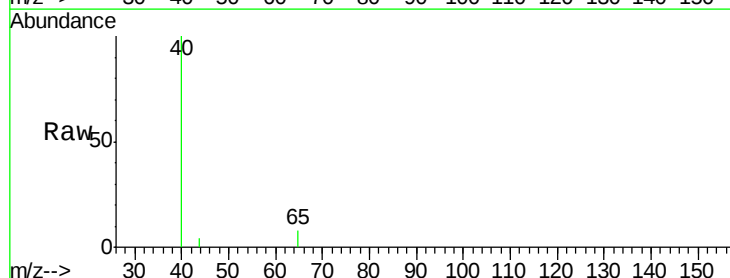
Acq: 15 Mar 2019 16:43

Tgt Ion: 65 Resp: 1110

Ion Ratio Lower Upper

65 100

67 0.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

800

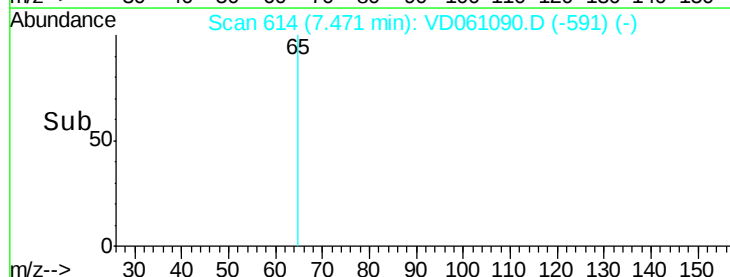
600

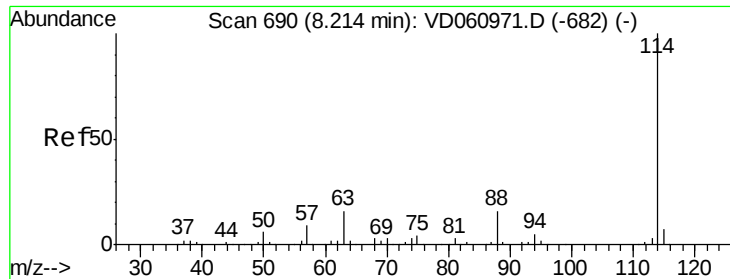
400

200

0

Time-->

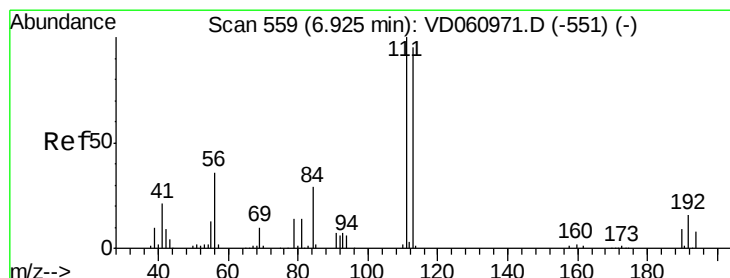
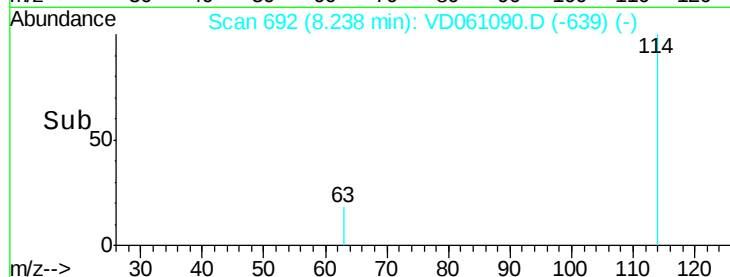
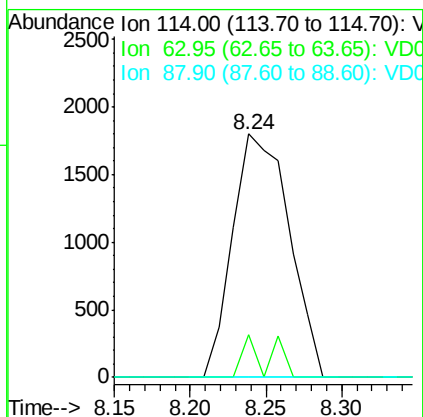
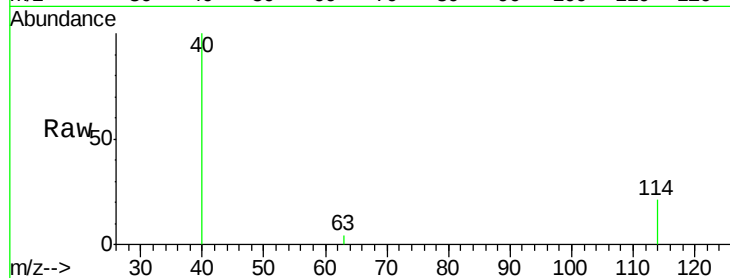




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061090.D
 Acq: 15 Mar 2019 16:43

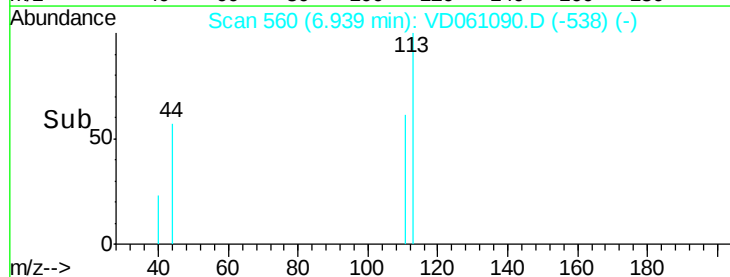
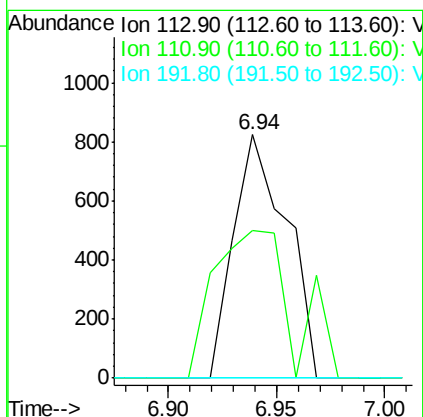
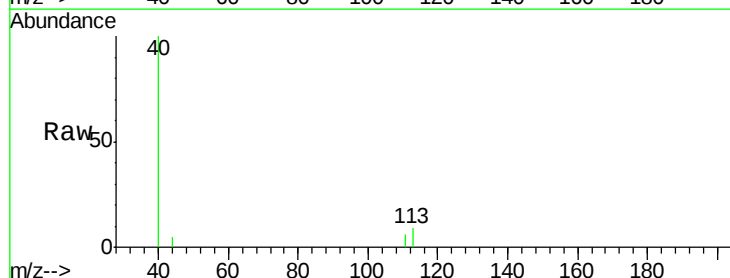
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(6.5-7.5)RE

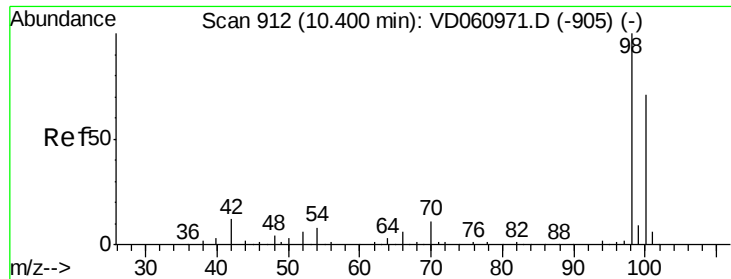
Tot Ion:114 Resp: 4700
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 31.4
 88 0.0 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061090.D
 Acq: 15 Mar 2019 16:43

Tgt Ion:113 Resp: 1402
 Ion Ratio Lower Upper
 113 100
 111 60.6 84.2 126.4#
 192 0.0 13.1 19.7#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061090.D

Acq: 15 Mar 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

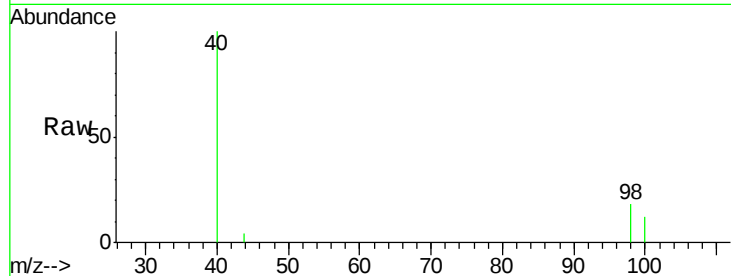
SB-6(6.5-7.5)RE

Tot Ion: 98 Resp: 3698

Ion Ratio Lower Upper

98 100

100 69.3 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

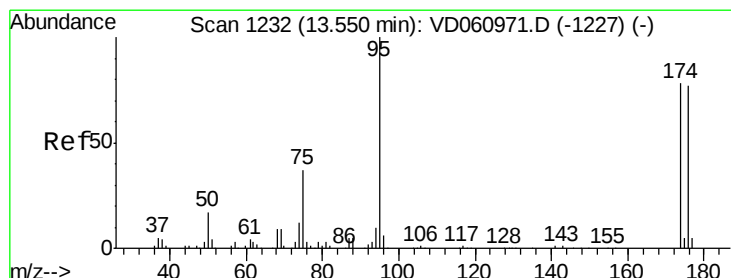
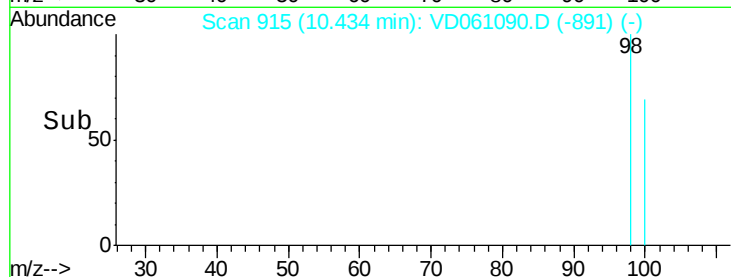
1500

1000

500

0

Time--> 10.35 10.40 10.45 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061090.D

Acq: 15 Mar 2019 16:43

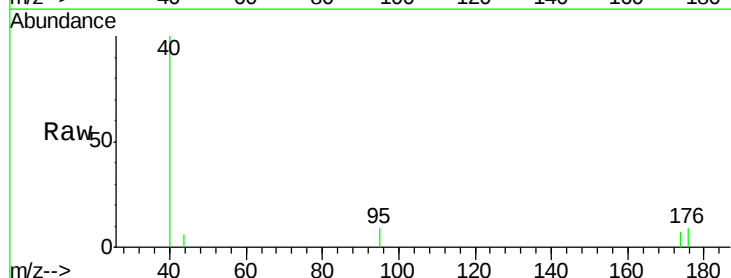
Tgt Ion: 95 Resp: 843

Ion Ratio Lower Upper

95 100

174 73.2 0.0 155.6

176 98.5 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

1000

800

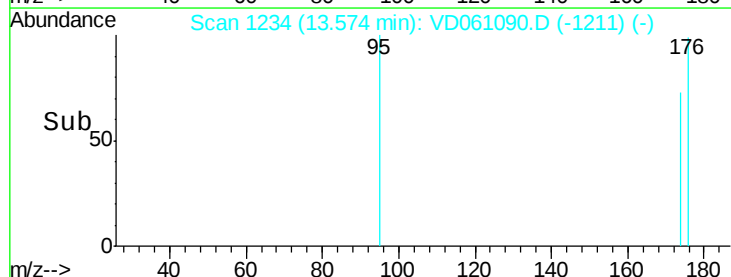
600

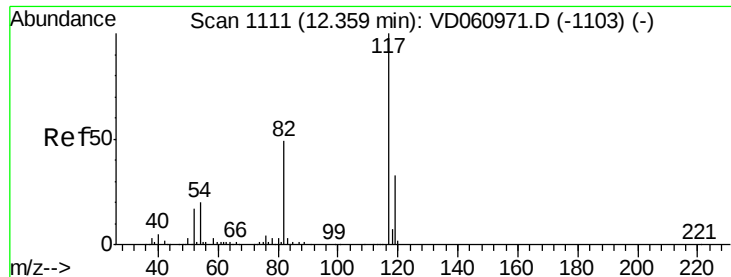
400

200

0

Time--> 13.55 13.60





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061090.D

Acq: 15 Mar 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

SB-6(6.5-7.5)RE

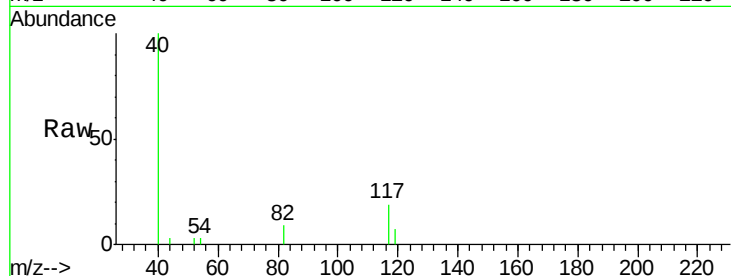
Tot Ion:117 Resp: 3391

Ion Ratio Lower Upper

117 100

82 46.4 38.9 58.3

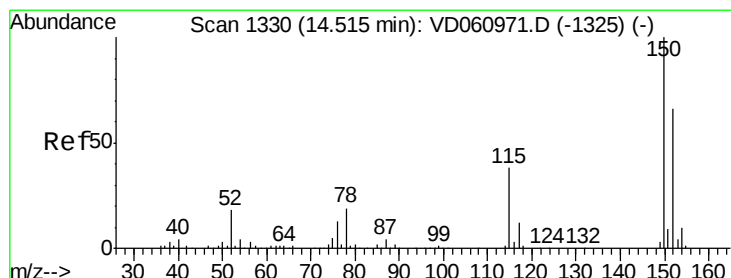
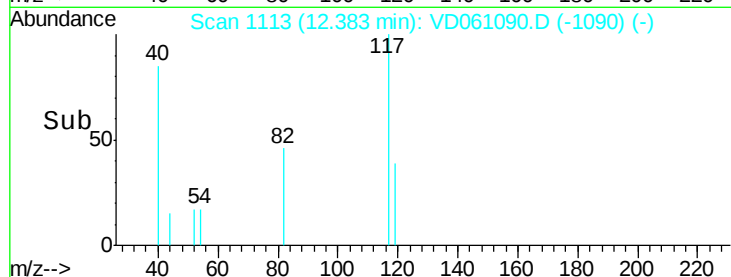
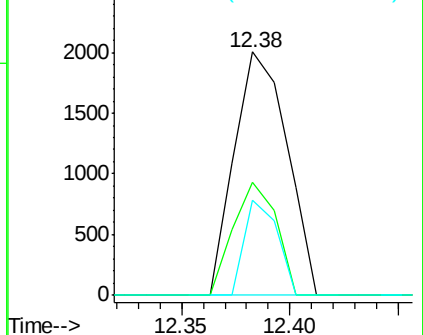
119 39.0 26.6 39.8



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# 1331

Delta R.T. 0.01 min

Lab File: VD061090.D

Acq: 15 Mar 2019 16:43

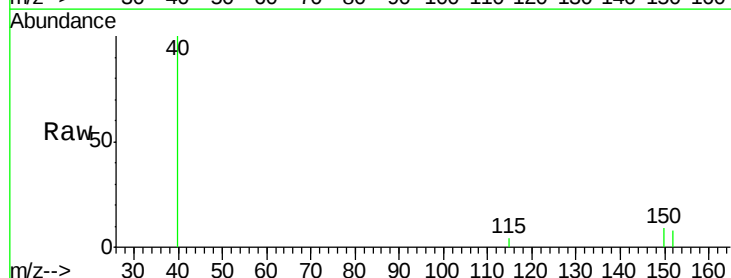
Tgt Ion:152 Resp: 720

Ion Ratio Lower Upper

152 100

115 53.8 28.6 85.9

150 112.9 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

