

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061055.D
 Acq On : 13 Mar 2019 21:11
 Operator : VA/AP
 Sample : K1897-01
 Misc : 5.64g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

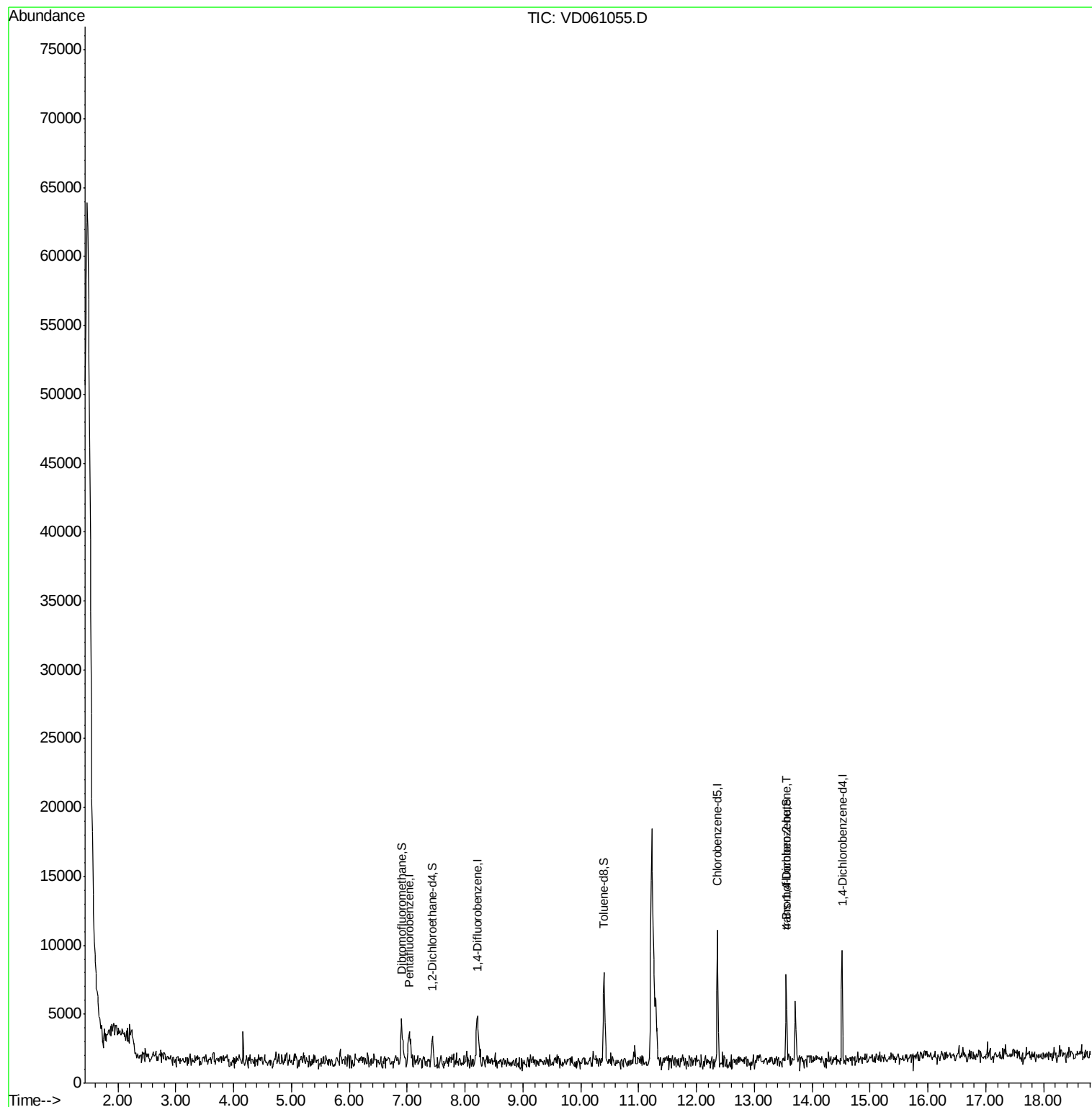
Quant Time: Mar 14 02:03:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

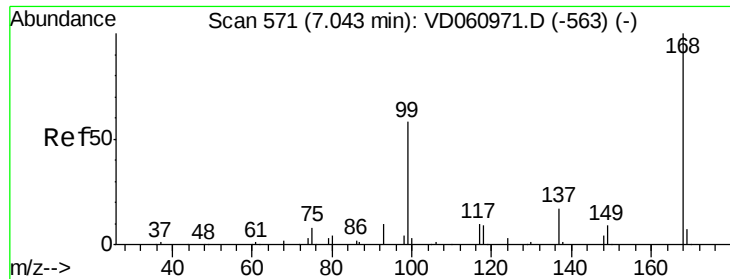
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.04	168	4212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	8077	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	6683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	2274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	2168	61.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.68%	
35) Dibromofluoromethane	6.91	113	3347	55.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.68%	
50) Toluene-d8	10.40	98	7488	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	13.55	95	2724	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						Qvalue
81) trans-1,4-Dichloro-2-buten	13.55	75	789	81.802	ug/l #	17
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061055.D

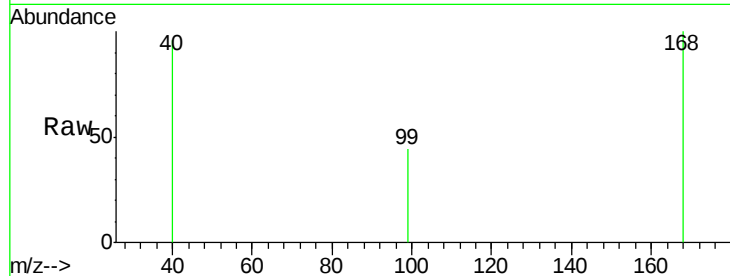
Acq: 13 Mar 2019 21:11

Tot Ion:168 Resp: 4212

Ion Ratio Lower Upper

168 100

99 44.0 47.3 70.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

1500

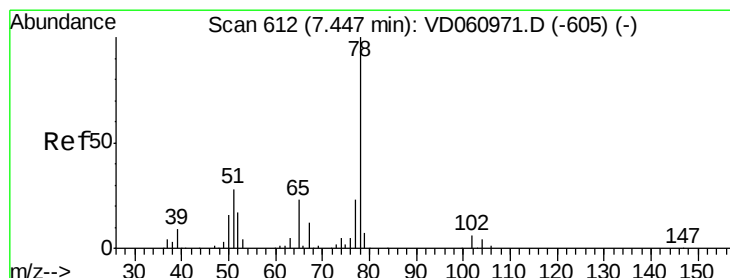
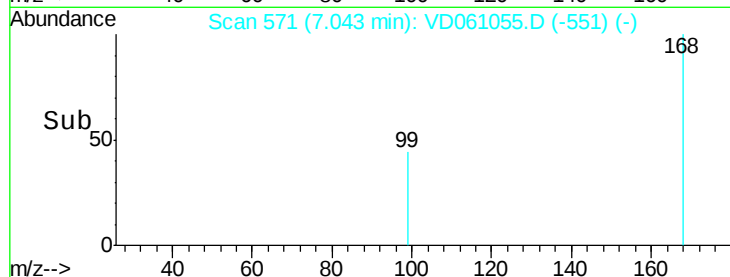
1000

500

0

6.95 7.00 7.05 7.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061055.D

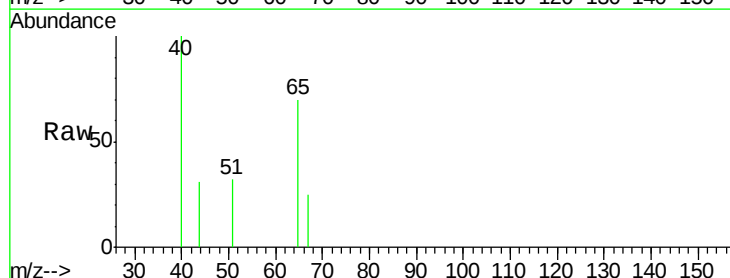
Acq: 13 Mar 2019 21:11

Tgt Ion: 65 Resp: 2168

Ion Ratio Lower Upper

65 100

67 35.1 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

1000

800

600

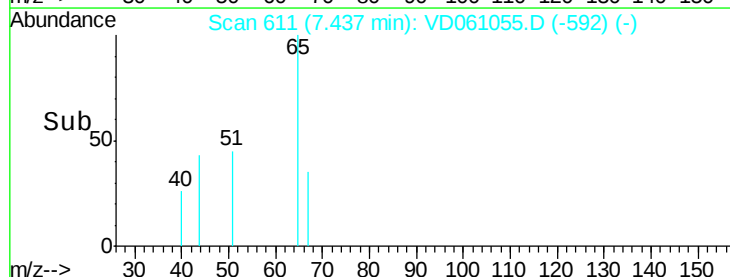
400

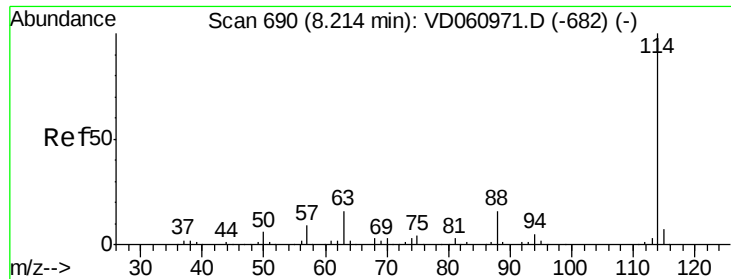
200

0

7.35 7.40 7.45 7.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061055.D

Acq: 13 Mar 2019 21:11

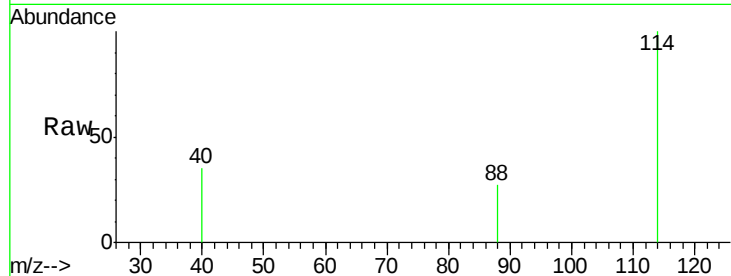
Tot Ion:114 Resp: 8077

Ion Ratio Lower Upper

114 100

63 0.0 0.0 31.4

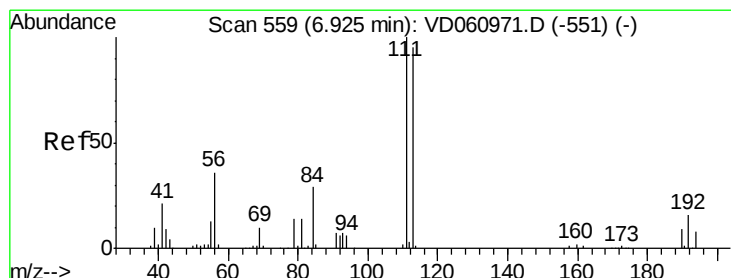
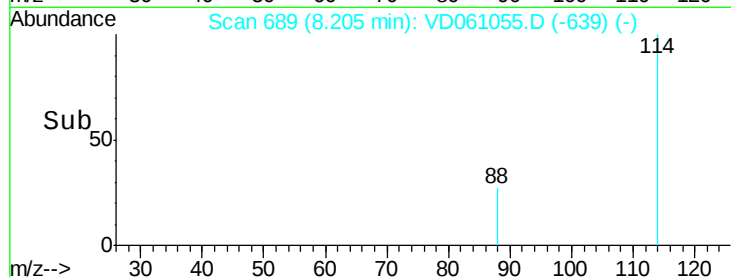
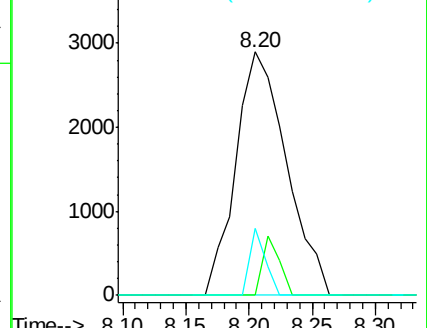
88 27.4 0.0 33.0



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: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD061055.D

Acq: 13 Mar 2019 21:11

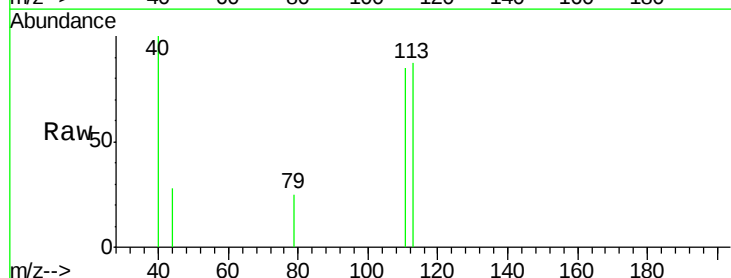
Tgt Ion:113 Resp: 3347

Ion Ratio Lower Upper

113 100

111 96.8 84.2 126.4

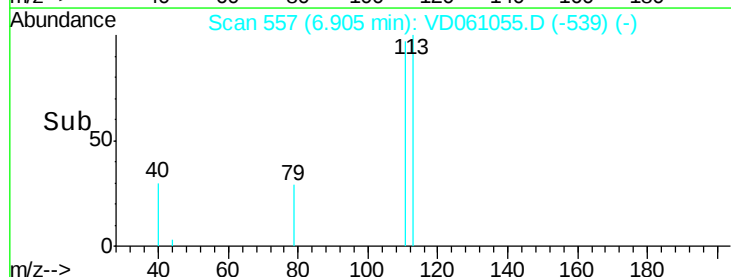
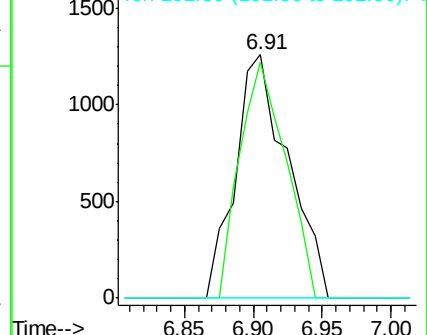
192 0.0 13.1 19.7#

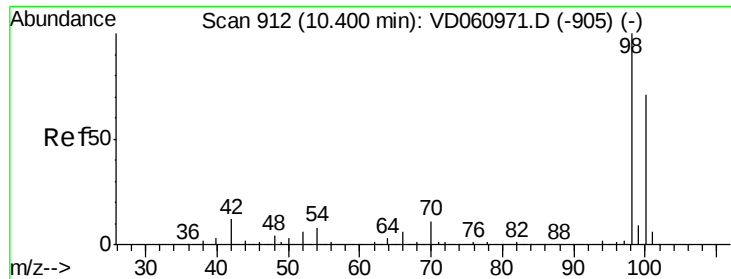


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061055.D

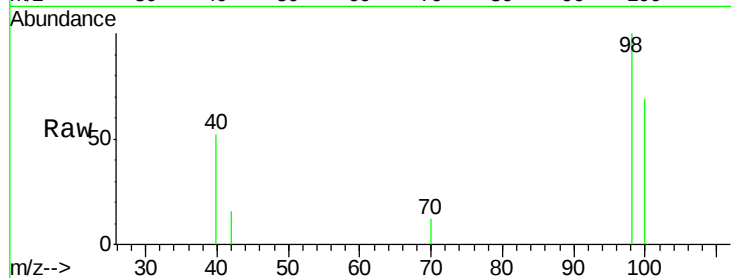
Acq: 13 Mar 2019 21:11

Tot Ion: 98 Resp: 7488

Ion Ratio Lower Upper

98 100

100 69.1 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) (-)

10.40

3000

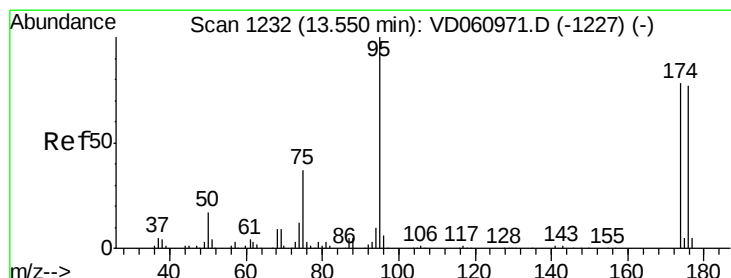
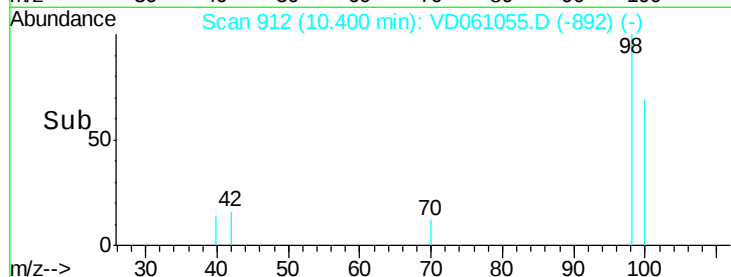
2000

1000

0

Time-->

10.35 10.40 10.45



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061055.D

Acq: 13 Mar 2019 21:11

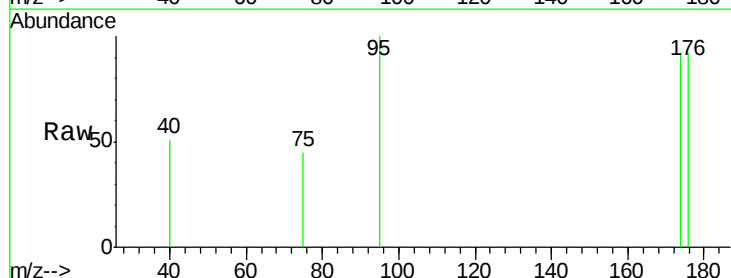
Tgt Ion: 95 Resp: 2724

Ion Ratio Lower Upper

95 100

174 92.3 0.0 155.6

176 91.8 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) (-)

13.55

2500

2000

1500

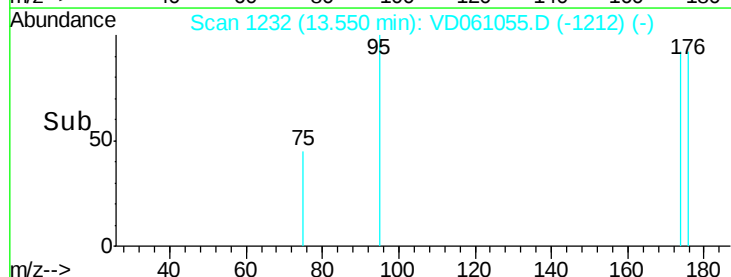
1000

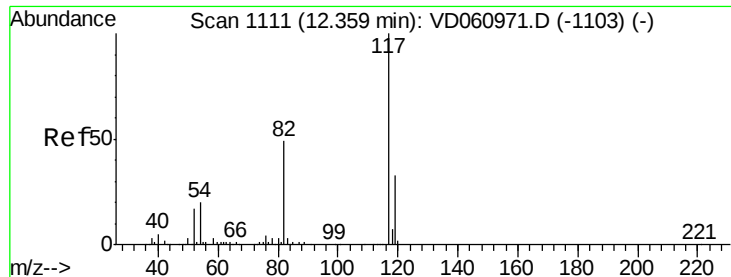
500

0

Time-->

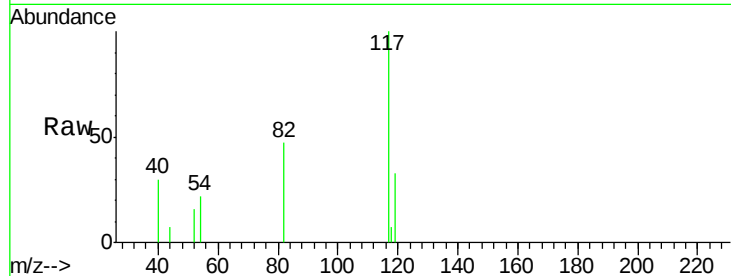
13.50 13.55



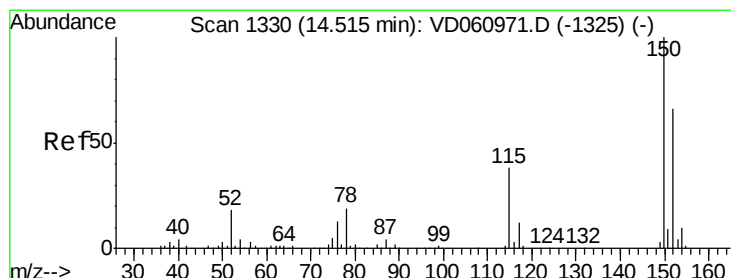
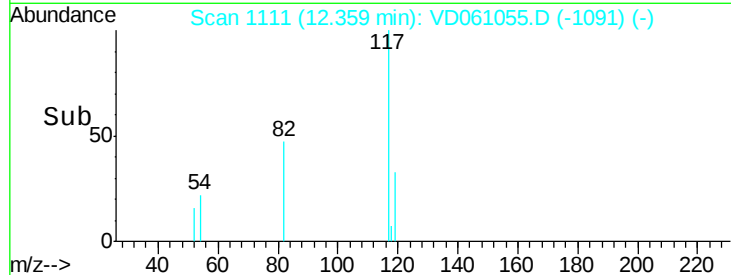
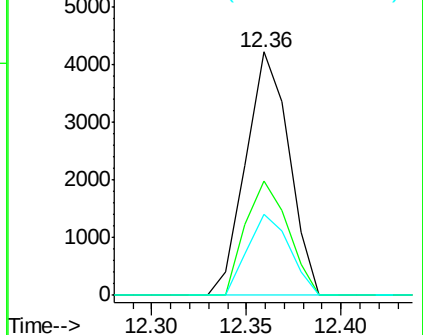


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061055.D
Acq: 13 Mar 2019 21:11

Tot Ion:117 Resp: 6683
Ion Ratio Lower Upper
117 100
82 46.8 38.9 58.3
119 33.4 26.6 39.8

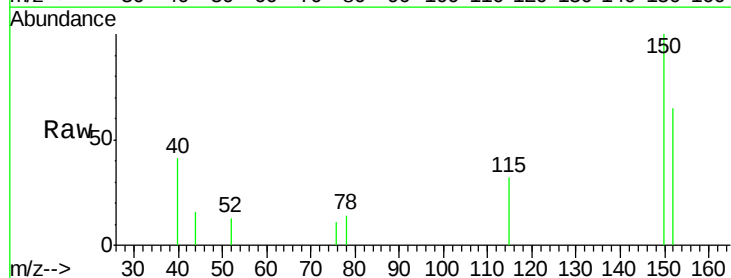


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

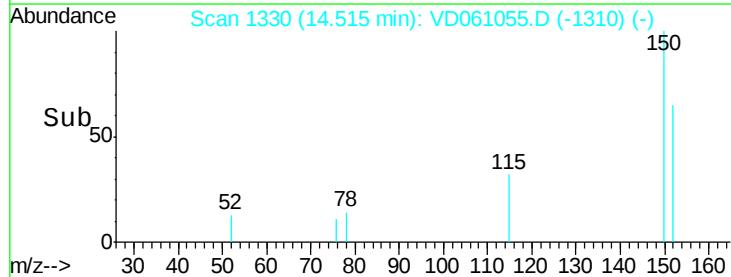
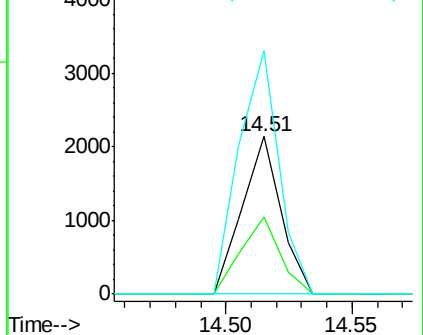


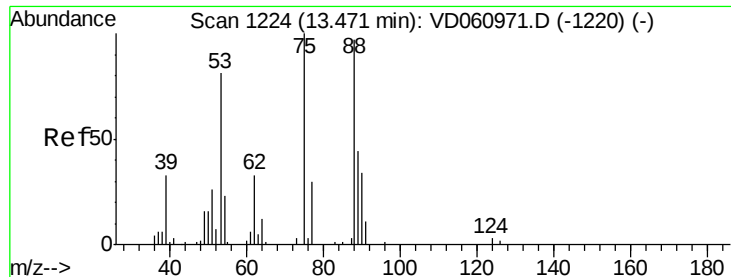
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061055.D
Acq: 13 Mar 2019 21:11

Tgt Ion:152 Resp: 2274
Ion Ratio Lower Upper
152 100
115 49.2 28.6 85.9
150 154.7 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





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.802 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061055.D
 Acq: 13 Mar 2019 21:11

Tot Ion: 75 Resp: 789
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

