

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062039.D
 Acq On : 25 Apr 2019 15:22
 Operator : VA/AP
 Sample : K2542-10RE
 Misc : 5.77g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-2RE

Quant Time: Apr 26 04:19:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	8320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	17009	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	14280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	7517	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	4618	70.92	ug/l	-0.03
Spiked Amount						
			Recovery	=		141.84%
35) Dibromofluoromethane	6.91	113	4296	36.52	ug/l	-0.03
Spiked Amount						
			Recovery	=		73.04%
50) Toluene-d8	10.40	98	14335	51.21	ug/l	-0.02
Spiked Amount						
			Recovery	=		102.42%
62) 4-Bromofluorobenzene	13.55	95	6067	54.04	ug/l	0.00
Spiked Amount						
			Recovery	=		108.08%

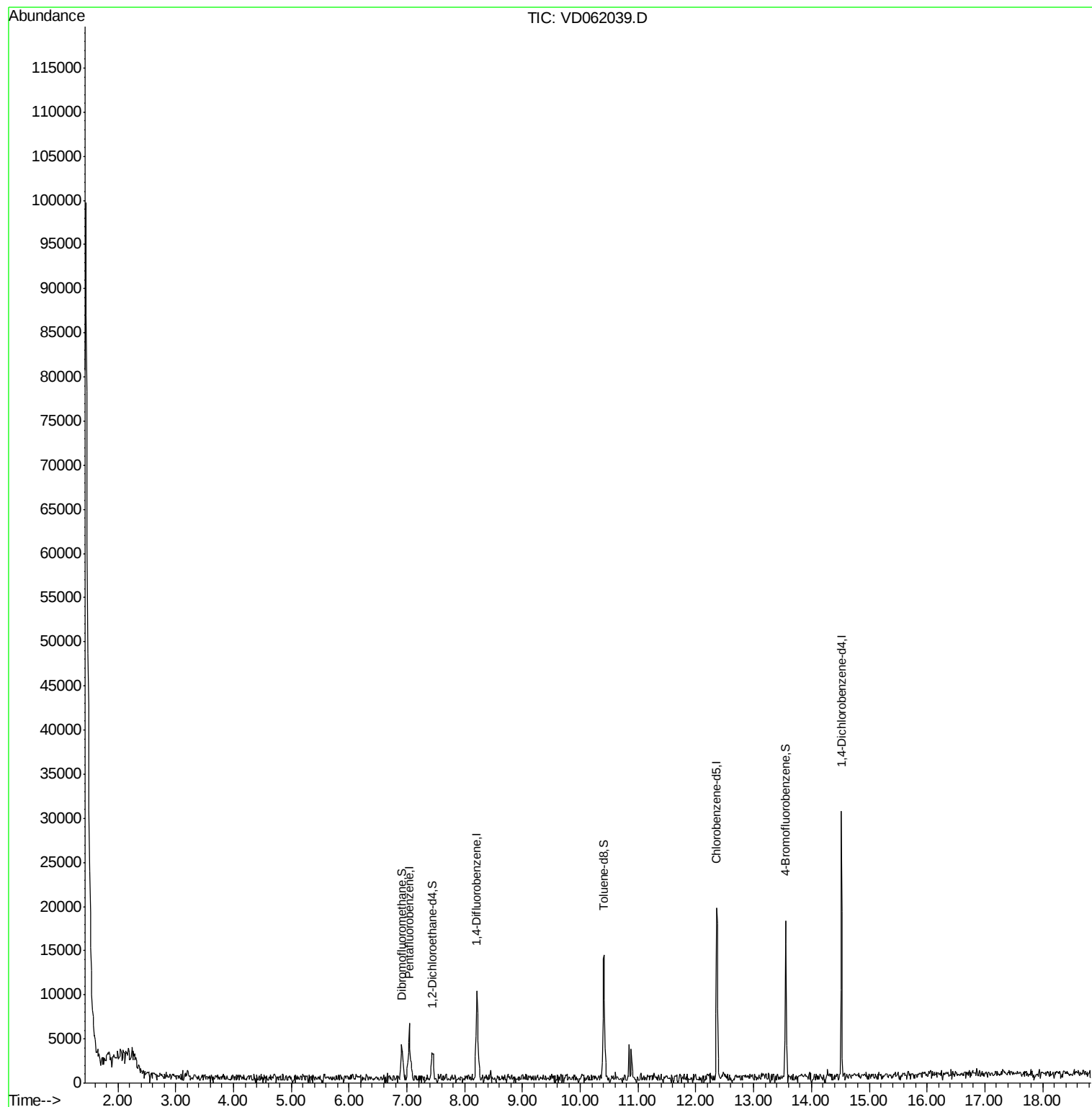
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

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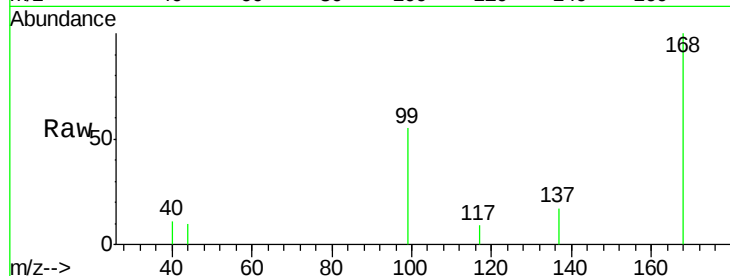
TP-7-2RE

Tot Ion:168 Resp: 8320

Ion Ratio Lower Upper

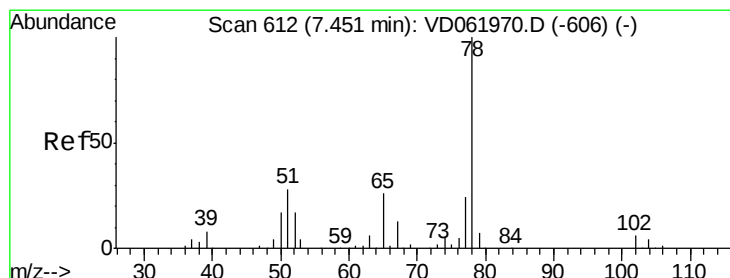
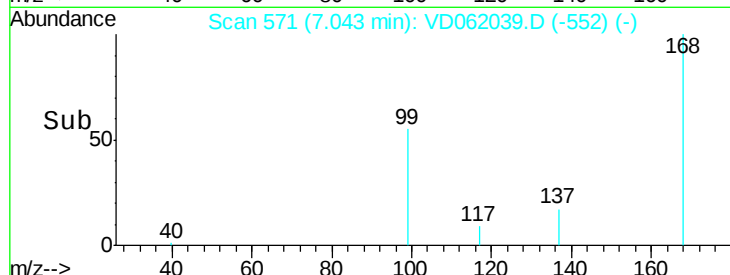
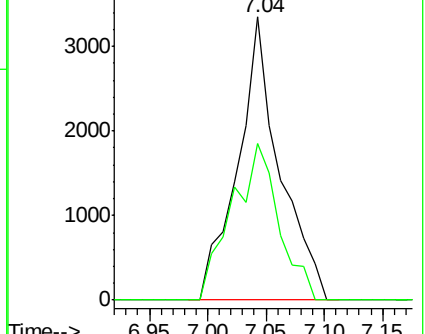
168 100

99 55.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 70.918 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062039.D

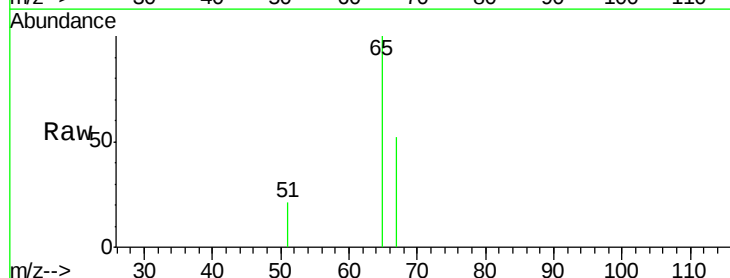
Acq: 25 Apr 2019 15:22

Tgt Ion: 65 Resp: 4618

Ion Ratio Lower Upper

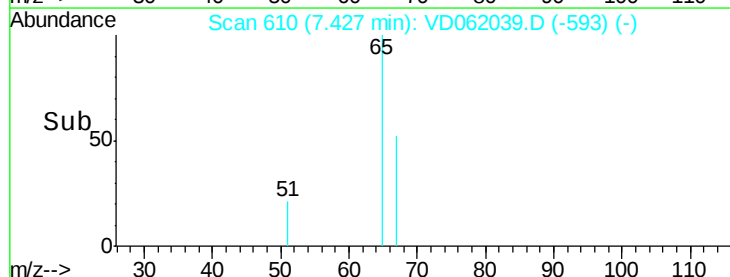
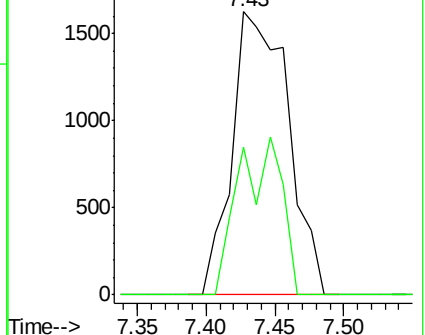
65 100

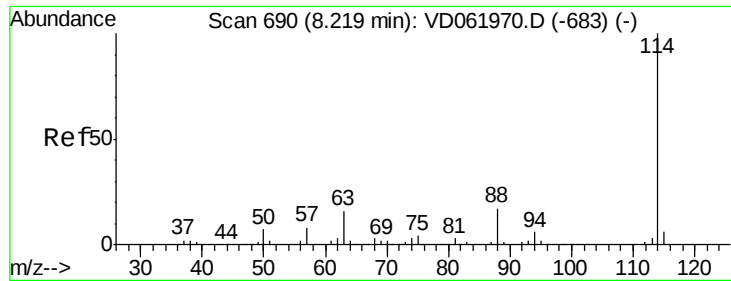
67 52.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062039.D

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ClientSampleId :

TP-7-2RE

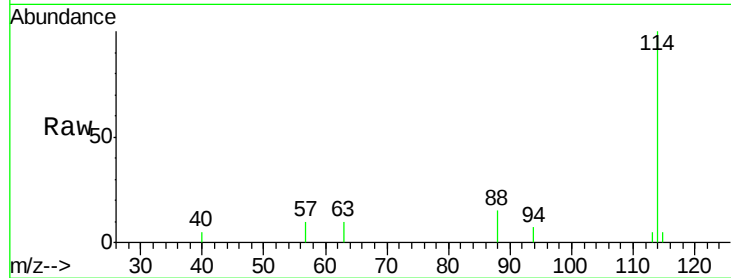
Tot Ion:114 Resp: 17009

Ion Ratio Lower Upper

114 100

63 10.2 0.0 32.4

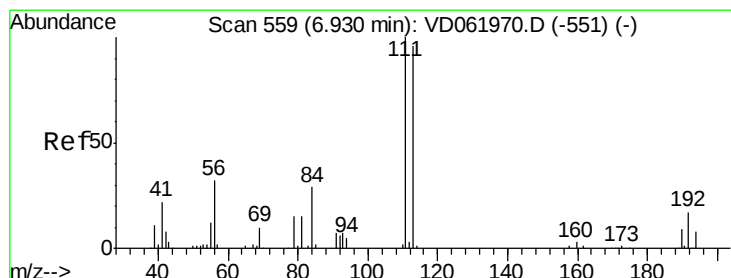
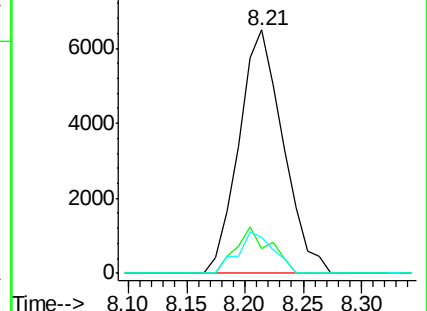
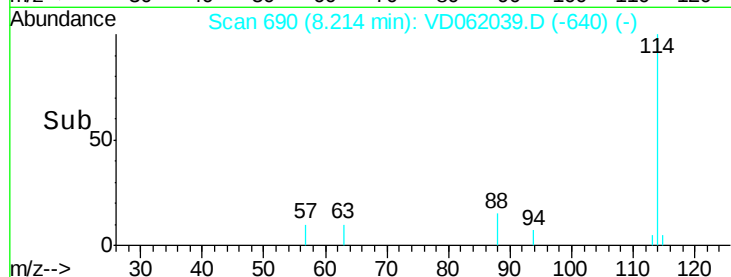
88 14.6 0.0 33.6



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: 36.520 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD062039.D

Acq: 25 Apr 2019 15:22

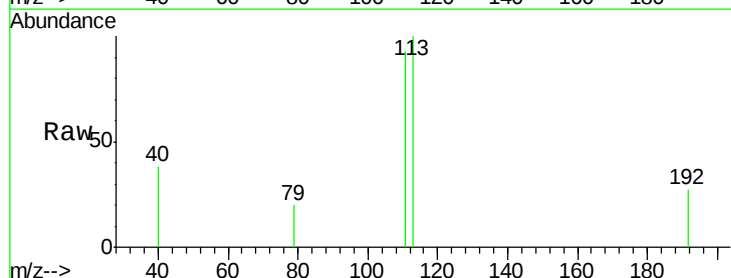
Tgt Ion:113 Resp: 4296

Ion Ratio Lower Upper

113 100

111 93.2 78.5 117.7

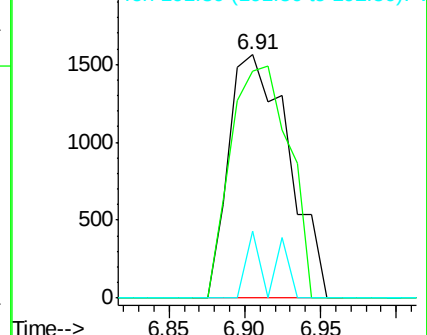
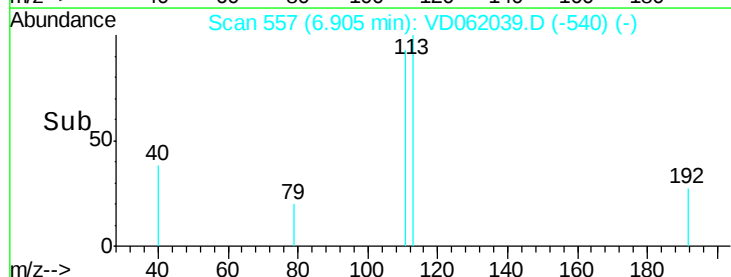
192 27.3 13.0 19.4#

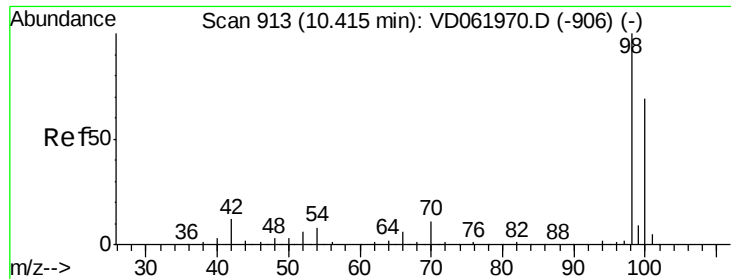


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 51.213 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD062039.D

Acq: 25 Apr 2019 15:22

Instrument :

MSVOA_D

ClientSampleId :

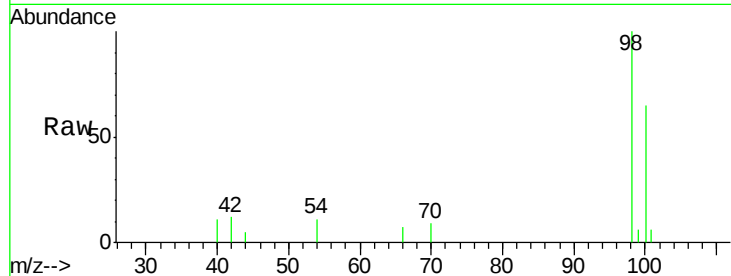
TP-7-2RE

Tot Ion: 98 Resp: 14335

Ion Ratio Lower Upper

98 100

100 65.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.40

6000

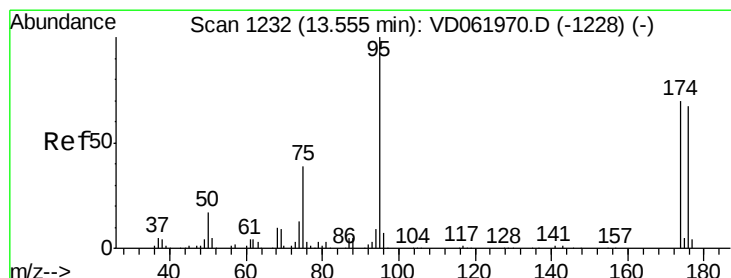
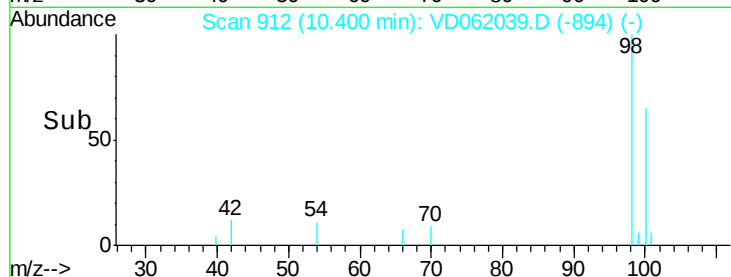
4000

2000

0

Time-->

10.35 10.40 10.45 10.50



#62

4-Bromofluorobenzene

Concen: 54.040 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062039.D

Acq: 25 Apr 2019 15:22

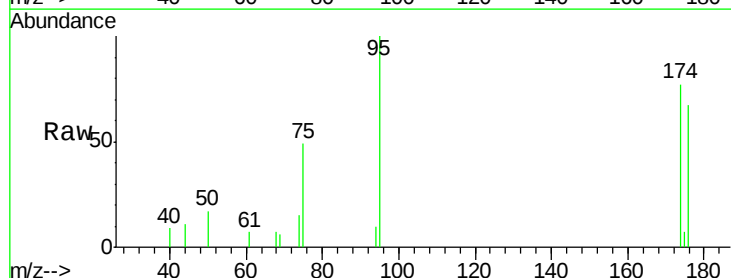
Tgt Ion: 95 Resp: 6067

Ion Ratio Lower Upper

95 100

174 77.1 0.0 181.8

176 66.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

6000

5000

4000

3000

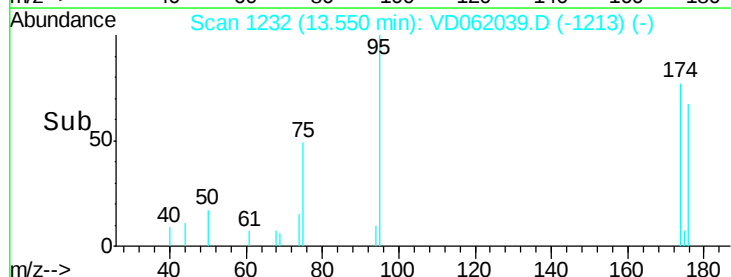
2000

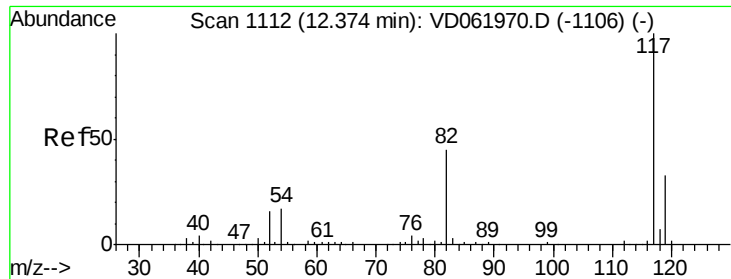
1000

0

Time-->

13.50 13.55 13.60

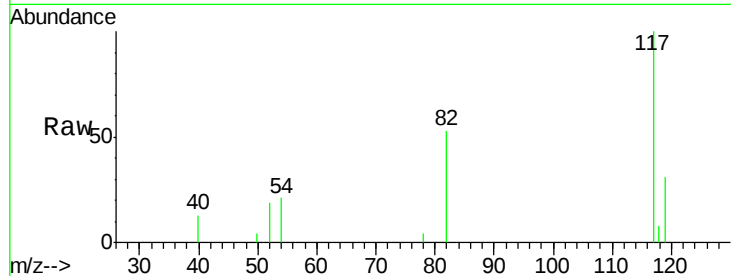




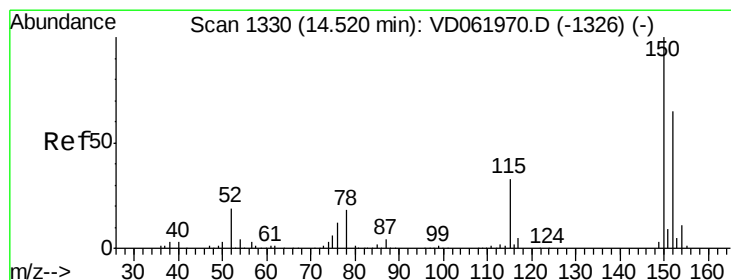
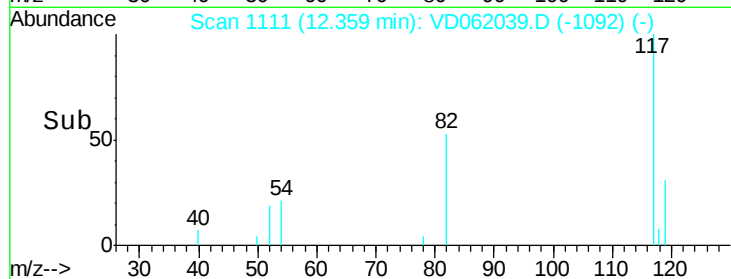
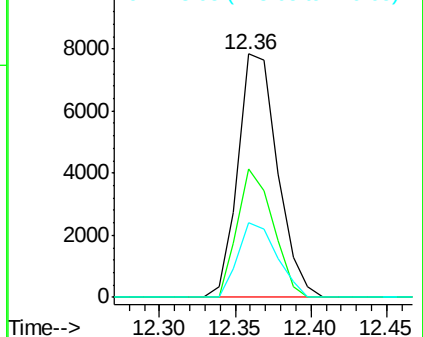
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062039.D
Acq: 25 Apr 2019 15:22

Instrument :
MSVOA_D
ClientSampleId :
TP-7-2RE

Tot Ion:117 Resp: 14280
Ion Ratio Lower Upper
117 100
82 52.9 36.2 54.2
119 30.9 26.2 39.4

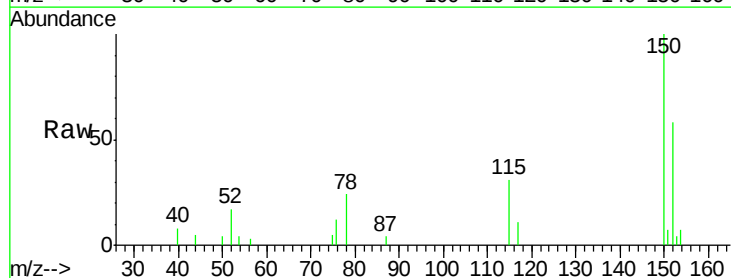


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062039.D
Acq: 25 Apr 2019 15:22

Tgt Ion:152 Resp: 7517
Ion Ratio Lower Upper
152 100
115 53.2 30.9 92.7
150 172.9 0.0 314.8



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

