

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060993.D
 Acq On : 8 Mar 2019 19:40
 Operator : VA/AP
 Sample : K1807-15
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Mar 09 00:48:40 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	7.05	168	64811	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	134555	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	128796	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	70300	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	57937	107.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	214.80%	
35) Dibromofluoromethane	6.94	113	62078	62.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.34%	
50) Toluene-d8	10.41	98	142026	56.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	113.28%	
62) 4-Bromofluorobenzene	13.55	95	60381	62.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.12%	

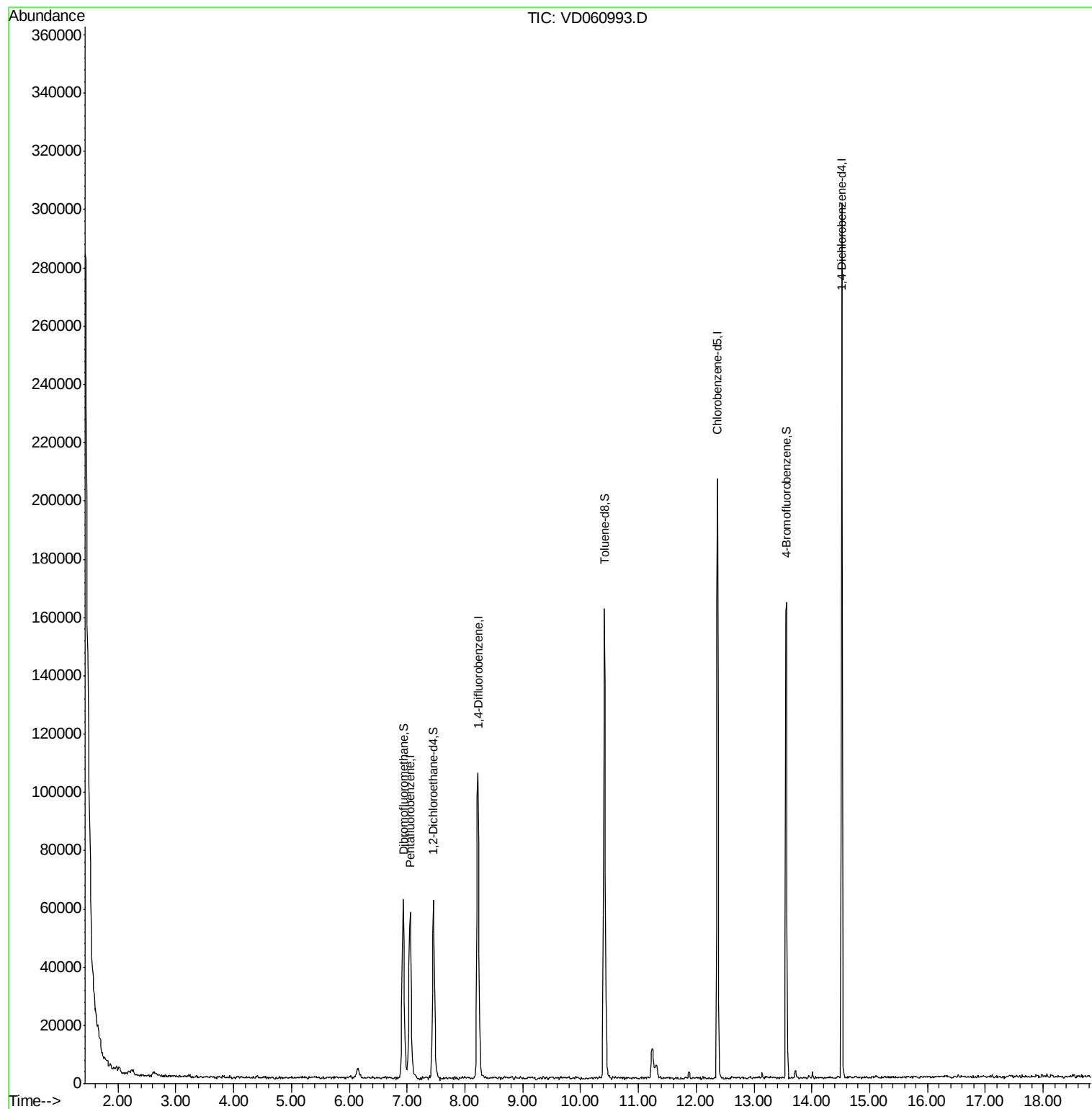
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060993.D
Acq On : 8 Mar 2019 19:40
Operator : VA/AP
Sample : K1807-15
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-8

Quant Time: Mar 09 00:48:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
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: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060993.D

Acq: 8 Mar 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

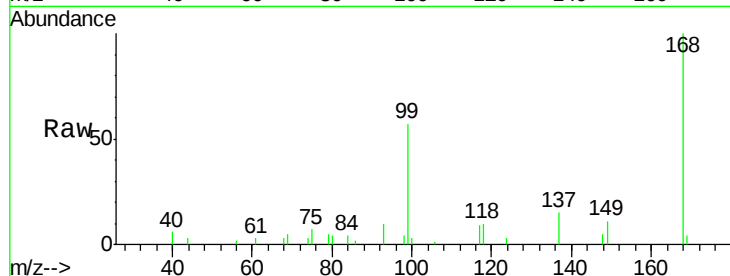
TP-8

Tot Ion:168 Resp: 64811

Ion Ratio Lower Upper

168 100

99 56.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

25000

20000

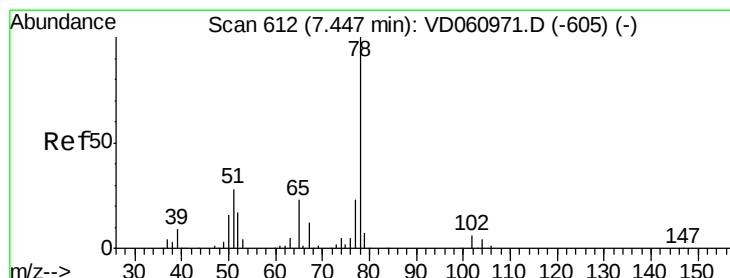
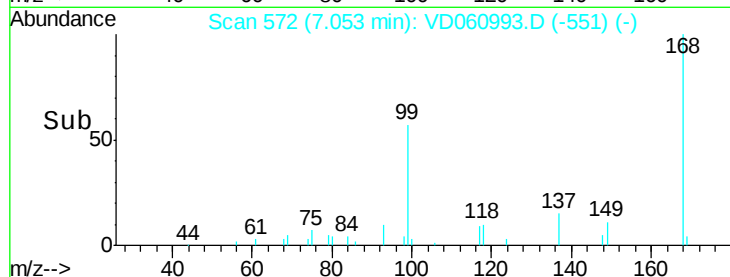
15000

10000

5000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060993.D

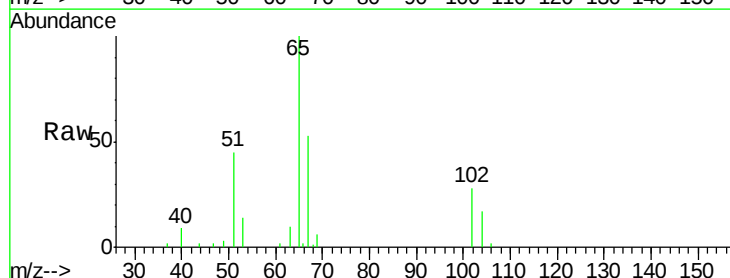
Acq: 8 Mar 2019 19:40

Tgt Ion: 65 Resp: 57937

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

25000

20000

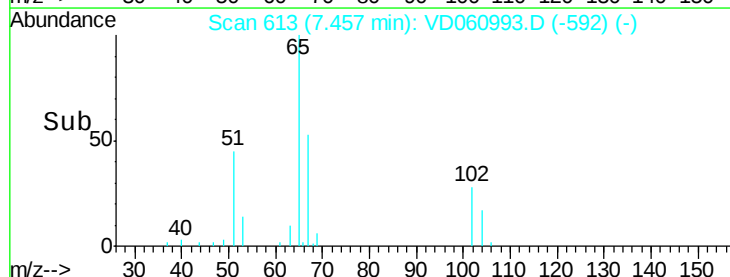
15000

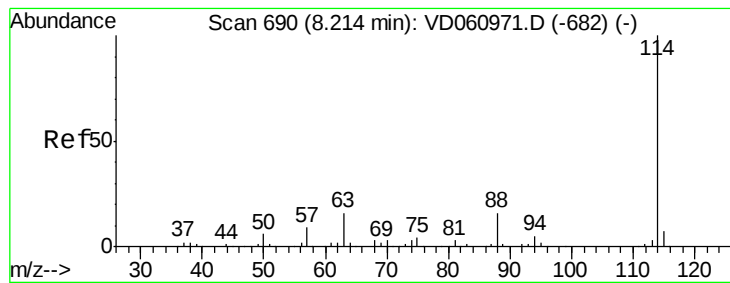
10000

5000

0

Time--> 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD060993.D

Acq: 8 Mar 2019 19:40

Instrument :

MSVOA_D

ClientSampleId :

TP-8

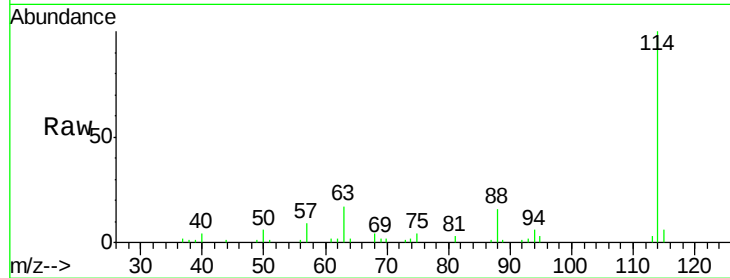
Tot Ion:114 Resp: 134555

Ion Ratio Lower Upper

114 100

63 16.9 0.0 31.4

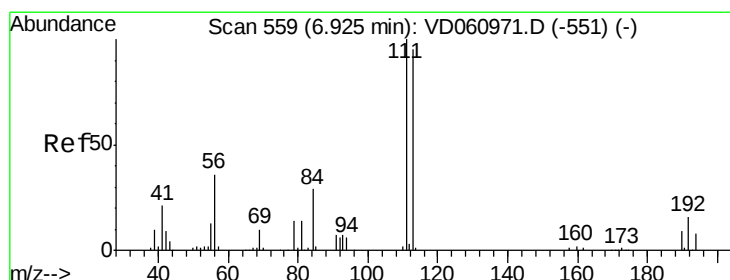
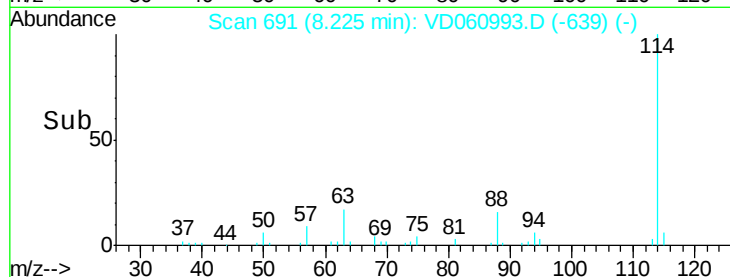
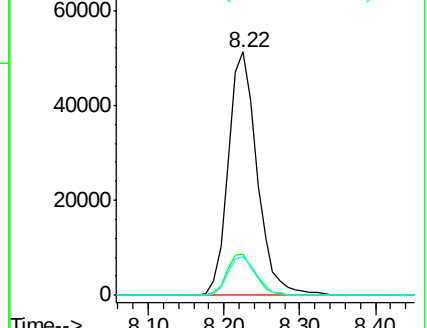
88 16.1 0.0 33.0



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: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD060993.D

Acq: 8 Mar 2019 19:40

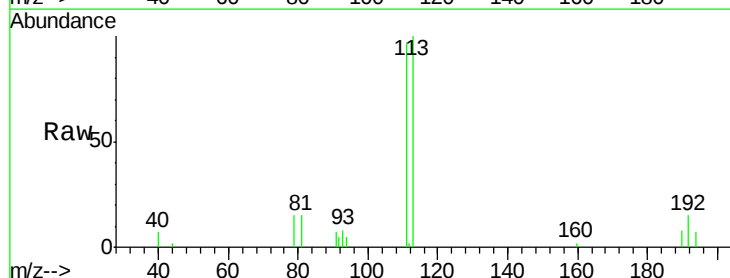
Tgt Ion:113 Resp: 62078

Ion Ratio Lower Upper

113 100

111 97.4 84.2 126.4

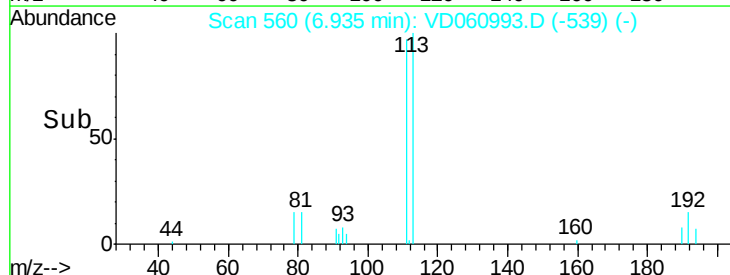
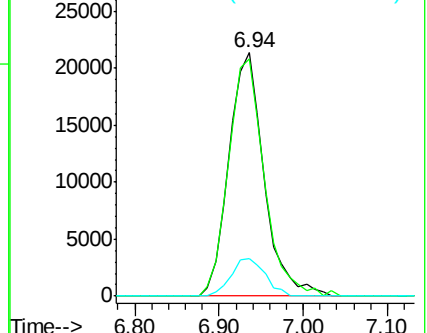
192 15.2 13.1 19.7

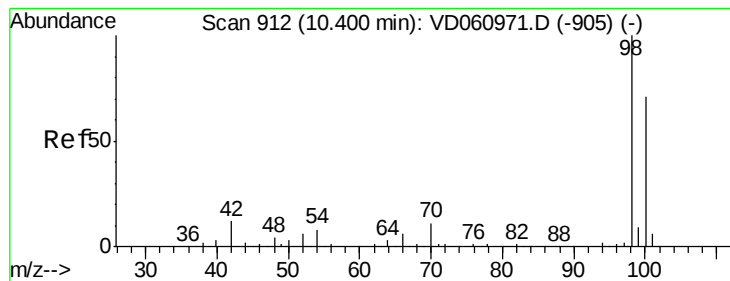


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060993.D

Acq: 8 Mar 2019 19:40

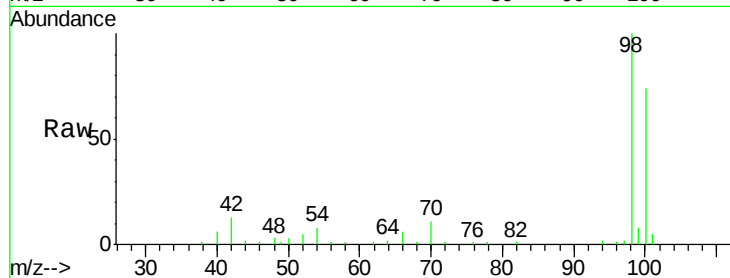
Instrument :
MSVOA_D
ClientSampleId :
TP-8

Tot Ion: 98 Resp: 142026

Ion Ratio Lower Upper

98 100

100 73.8 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) (-)

60000

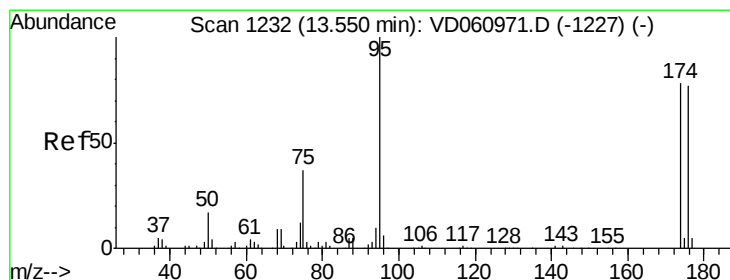
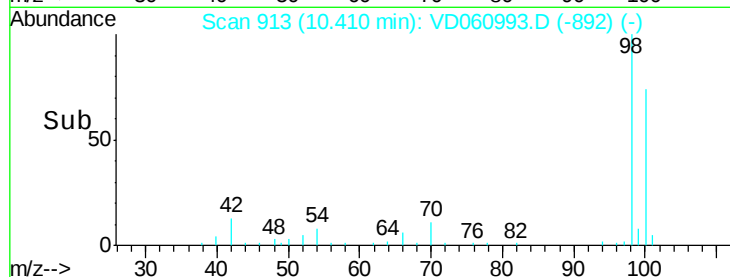
40000

20000

0

10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD060993.D

Acq: 8 Mar 2019 19:40

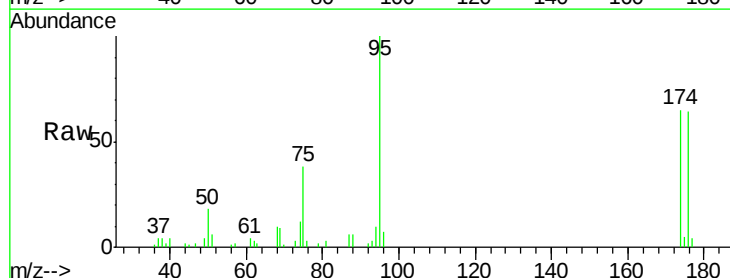
Tgt Ion: 95 Resp: 60381

Ion Ratio Lower Upper

95 100

174 65.2 0.0 155.6

176 63.9 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) (-)

50000

40000

30000

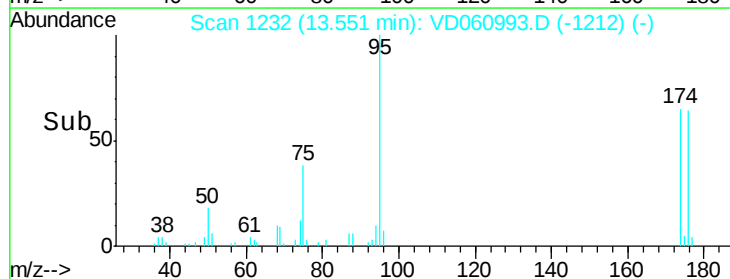
20000

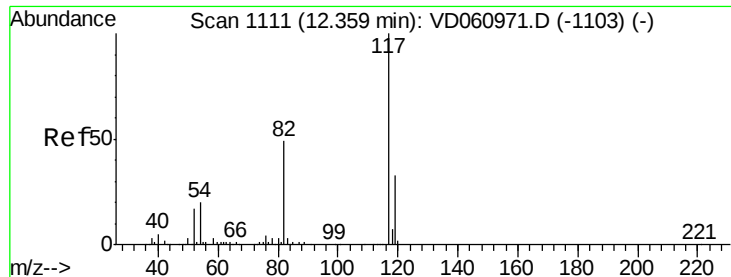
10000

0

13.50 13.55 13.60

Time-->

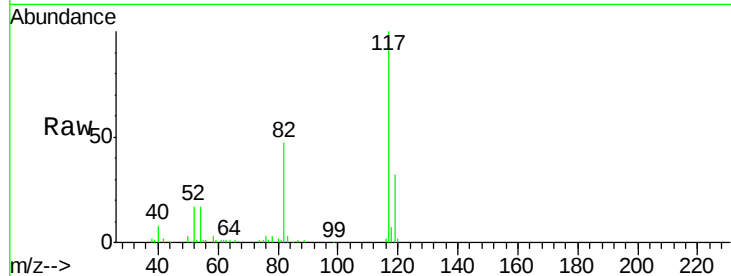




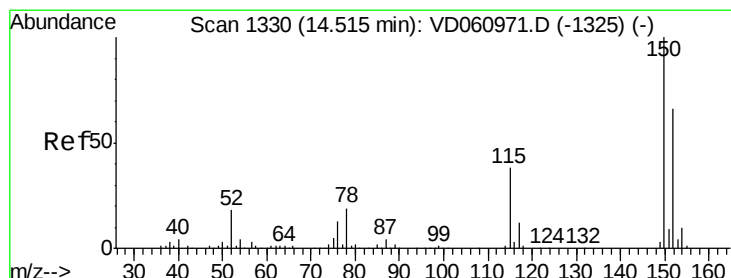
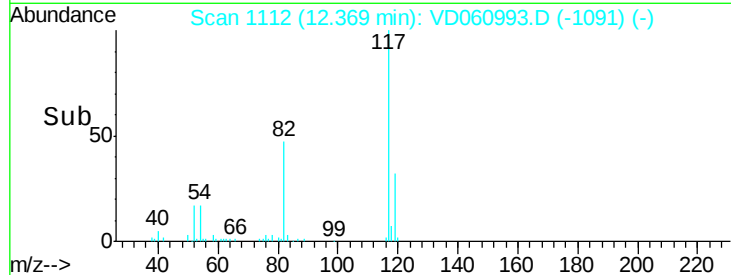
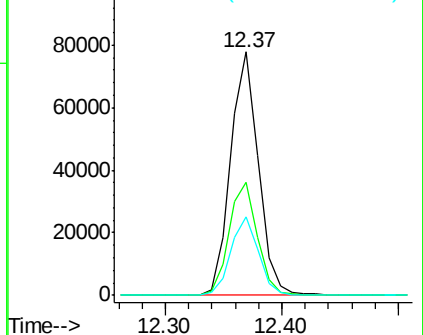
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060993.D
Acq: 8 Mar 2019 19:40

Instrument :
MSVOA_D
ClientSampled :
TP-8

Tot Ion:117 Resp: 128796
Ion Ratio Lower Upper
117 100
82 46.5 38.9 58.3
119 32.3 26.6 39.8

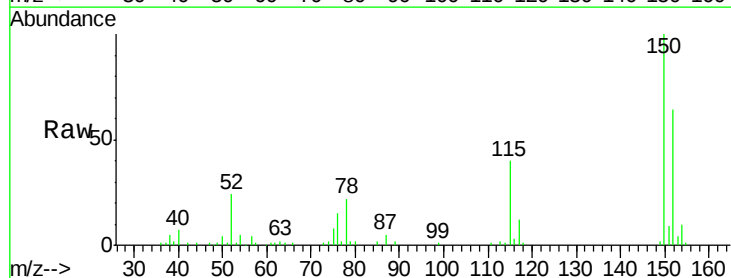


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD060993.D
Acq: 8 Mar 2019 19:40

Tgt Ion:152 Resp: 70300
Ion Ratio Lower Upper
152 100
115 62.7 28.6 85.9
150 157.2 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

