

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062759.D
 Acq On : 18 Jun 2019 19:36
 Operator : VA/AP
 Sample : K3154-05
 Misc : 6.11g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-C

Quant Time: Jun 19 06:47:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	637400	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	917441	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	744231	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	387086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	374864	40.76	ug/l	0.00
Spiked Amount			Recovery	=	81.52%	
35) Dibromofluoromethane	6.93	113	375558	38.81	ug/l	0.01
Spiked Amount			Recovery	=	77.62%	
50) Toluene-d8	10.41	98	729595	35.85	ug/l	0.00
Spiked Amount			Recovery	=	71.70%	
62) 4-Bromofluorobenzene	13.55	95	331941	34.96	ug/l	0.00
Spiked Amount			Recovery	=	69.92%	

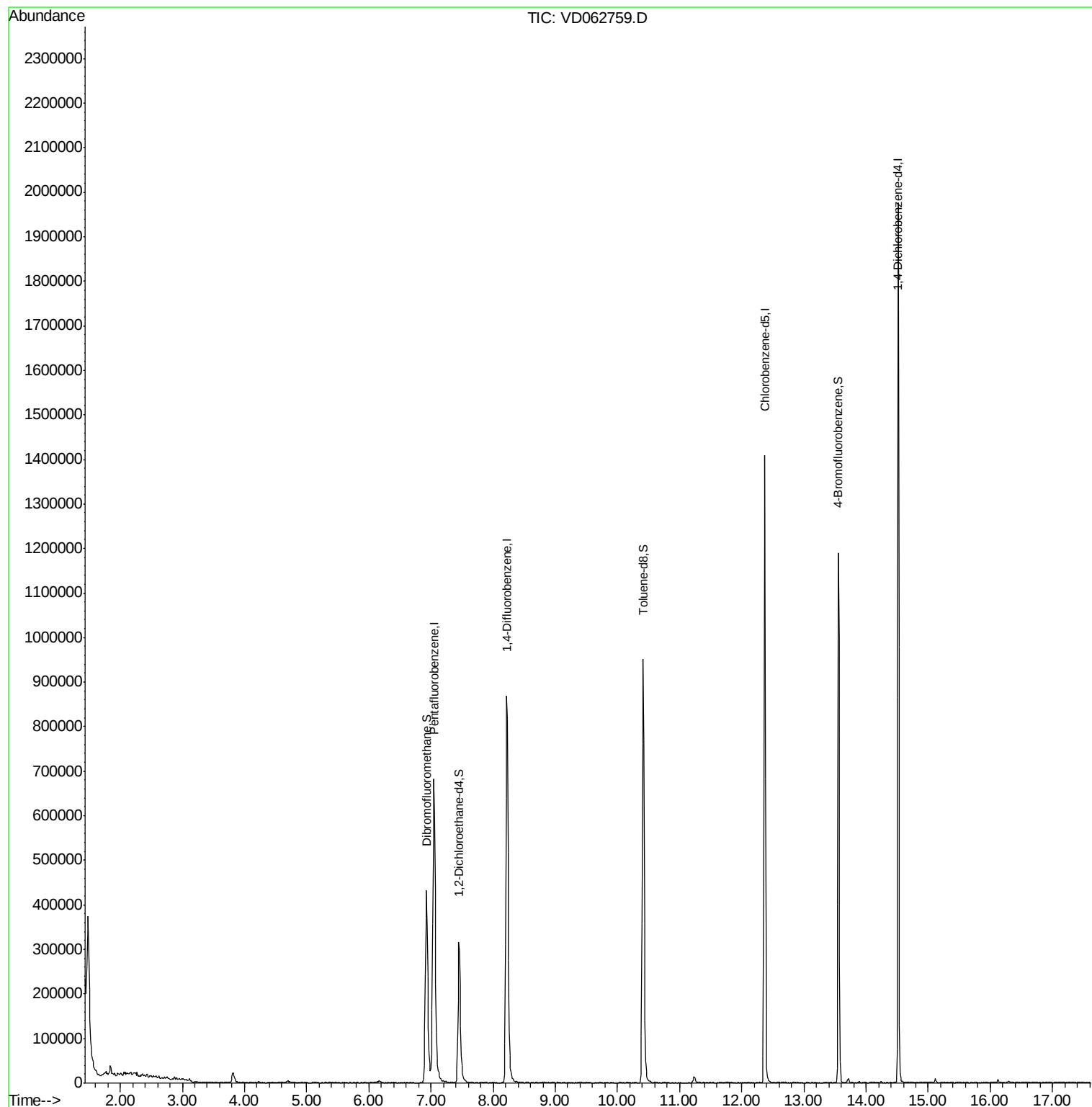
Target Compounds	Qvalue
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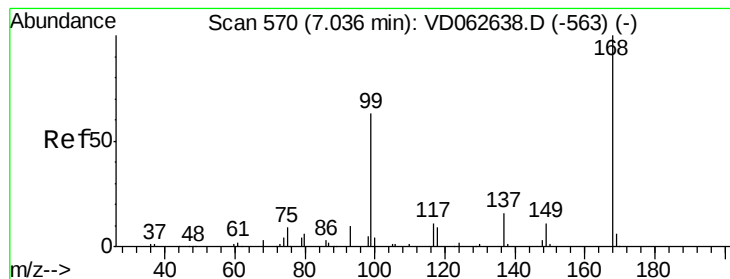
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
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QLast Update : Sat Jun 08 00:02:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062759.D

Acq: 18 Jun 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

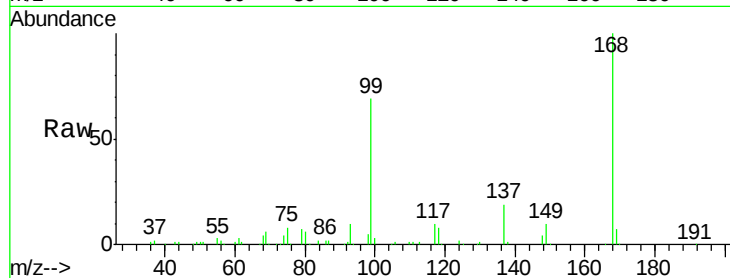
JC-02-061419-C

Tot Ion:168 Resp: 637400

Ion Ratio Lower Upper

168 100

99 68.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

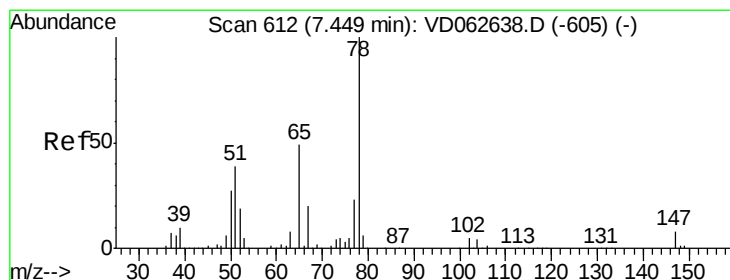
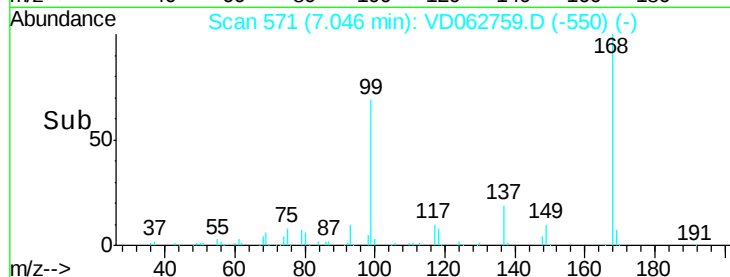
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 40.757 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062759.D

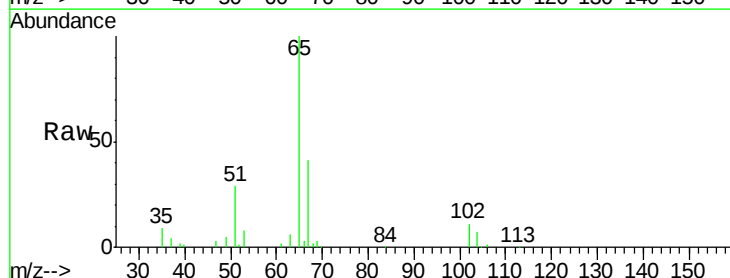
Acq: 18 Jun 2019 19:36

Tgt Ion: 65 Resp: 374864

Ion Ratio Lower Upper

65 100

67 40.8 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

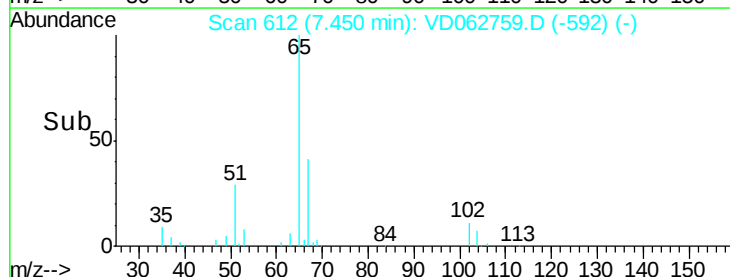
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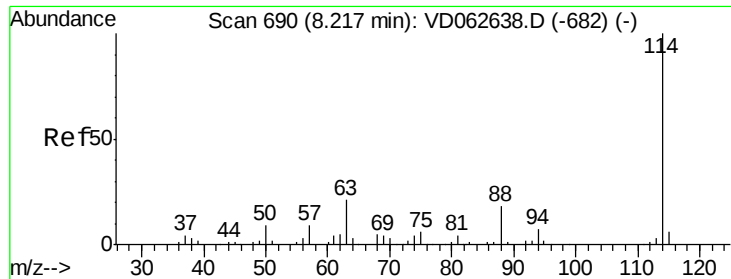
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Time-->

7.30 7.40 7.50 7.60

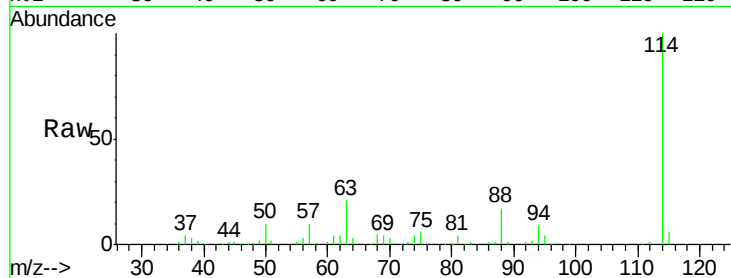




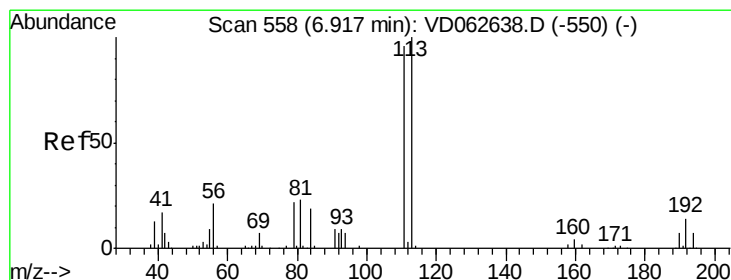
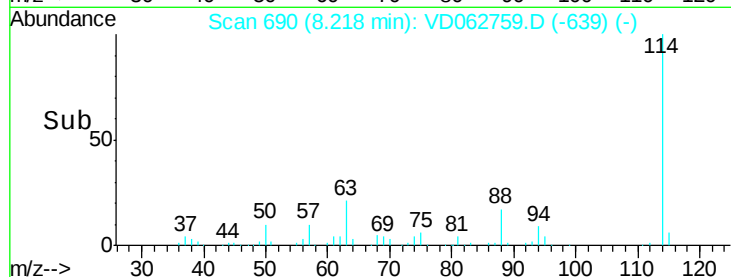
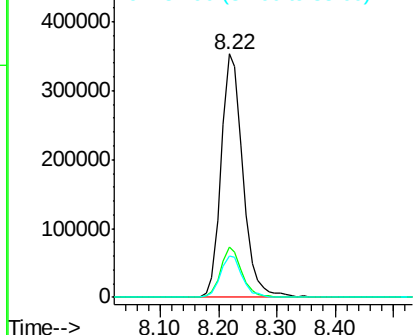
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062759.D
 Acq: 18 Jun 2019 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-C

Tot Ion:114 Resp: 917441
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 17.2 0.0 36.8

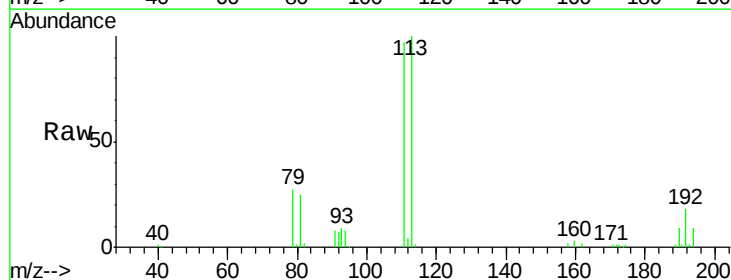


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

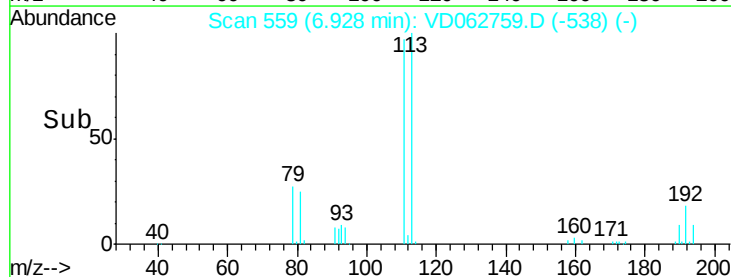
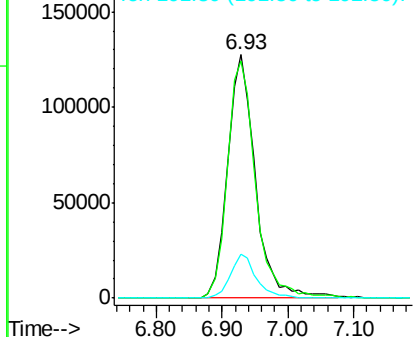


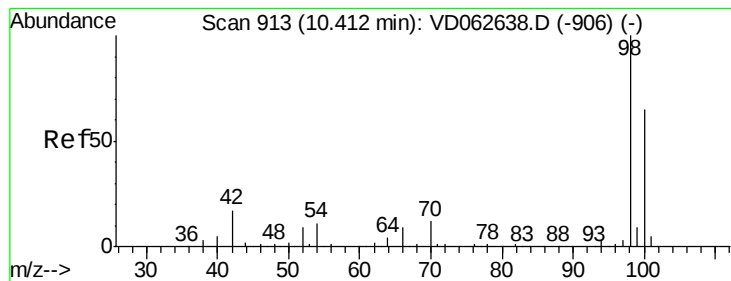
#35
 Dibromofluoromethane
 Concen: 38.815 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD062759.D
 Acq: 18 Jun 2019 19:36

Tgt Ion:113 Resp: 375558
 Ion Ratio Lower Upper
 113 100
 111 97.2 76.4 114.6
 192 18.0 11.4 17.0#



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: 35.845 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062759.D

Acq: 18 Jun 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

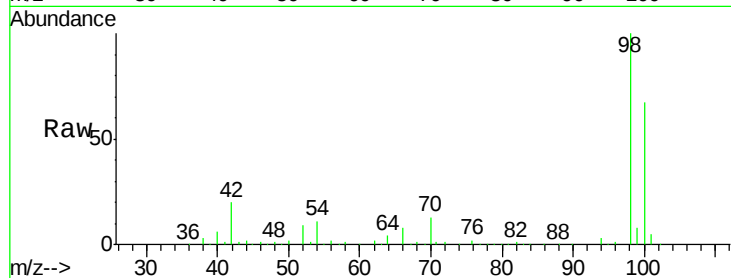
JC-02-061419-C

Tot Ion: 98 Resp: 729595

Ion Ratio Lower Upper

98 100

100 67.2 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

300000

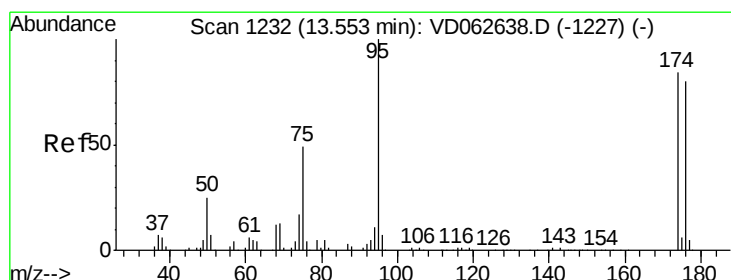
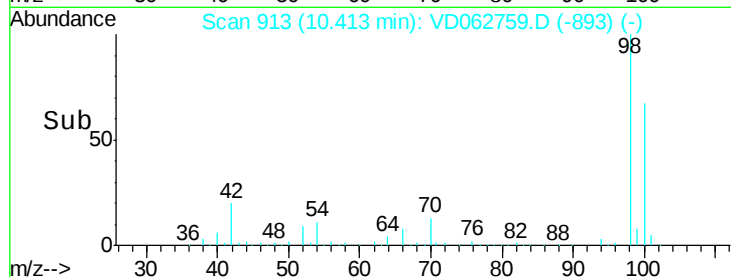
200000

100000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 34.956 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062759.D

Acq: 18 Jun 2019 19:36

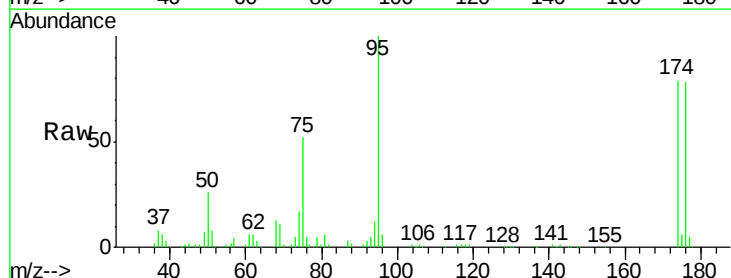
Tgt Ion: 95 Resp: 331941

Ion Ratio Lower Upper

95 100

174 79.1 0.0 167.0

176 78.1 0.0 159.2



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

300000

250000

200000

150000

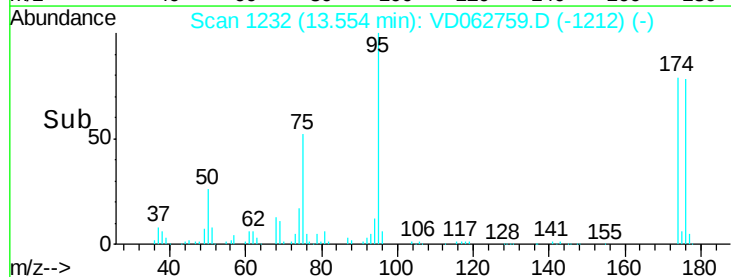
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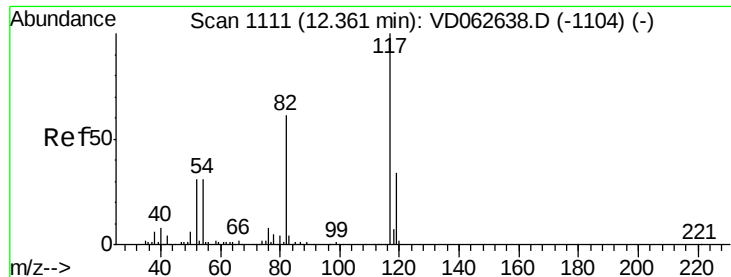
50000

0

Time-->

13.50 13.60

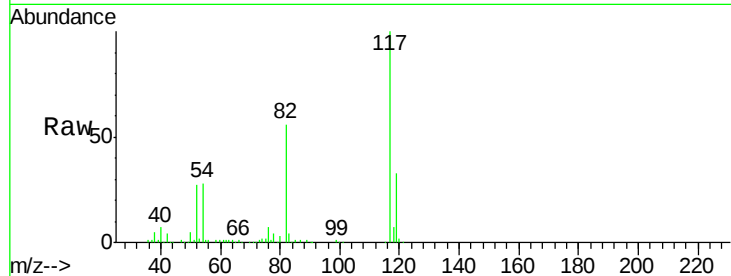




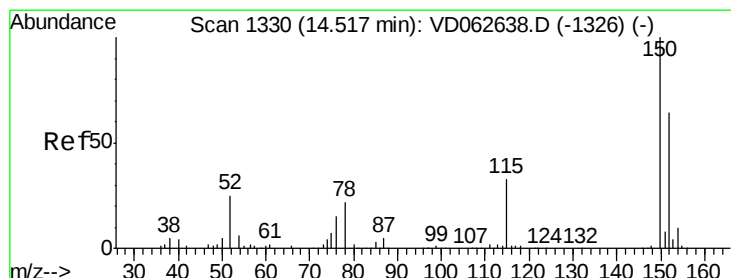
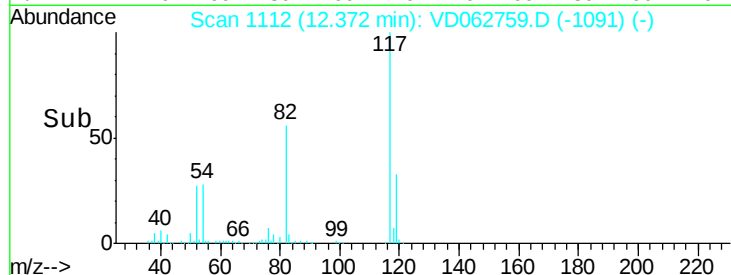
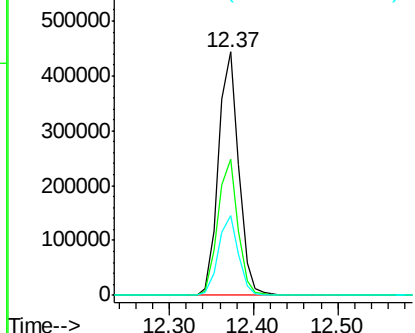
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062759.D
Acq: 18 Jun 2019 19:36

Instrument :
MSVOA_D
ClientSampleId :
JC-02-061419-C

Tot Ion:117 Resp: 744231
Ion Ratio Lower Upper
117 100
82 56.1 48.7 73.1
119 32.7 27.0 40.6

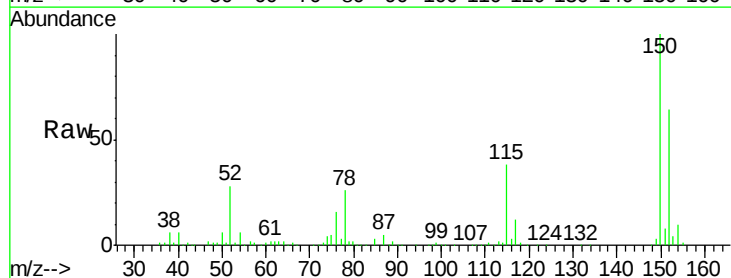


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062759.D
Acq: 18 Jun 2019 19:36

Tgt Ion:152 Resp: 387086
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.5
150 156.8 0.0 314.0



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

