

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060721.D
 Acq On : 27 Dec 2018 12:38
 Operator : VA/AP
 Sample : VD1227SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBL01

Quant Time: Dec 28 01:49:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1536790	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	2126272	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.25	117	1700680	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	852320	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	472867	44.53	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	6.28	113	697184	44.80	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	9.42	98	2070637	44.59	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	89.18%	
62) 4-Bromofluorobenzene	12.40	95	712972	43.84	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.68%	

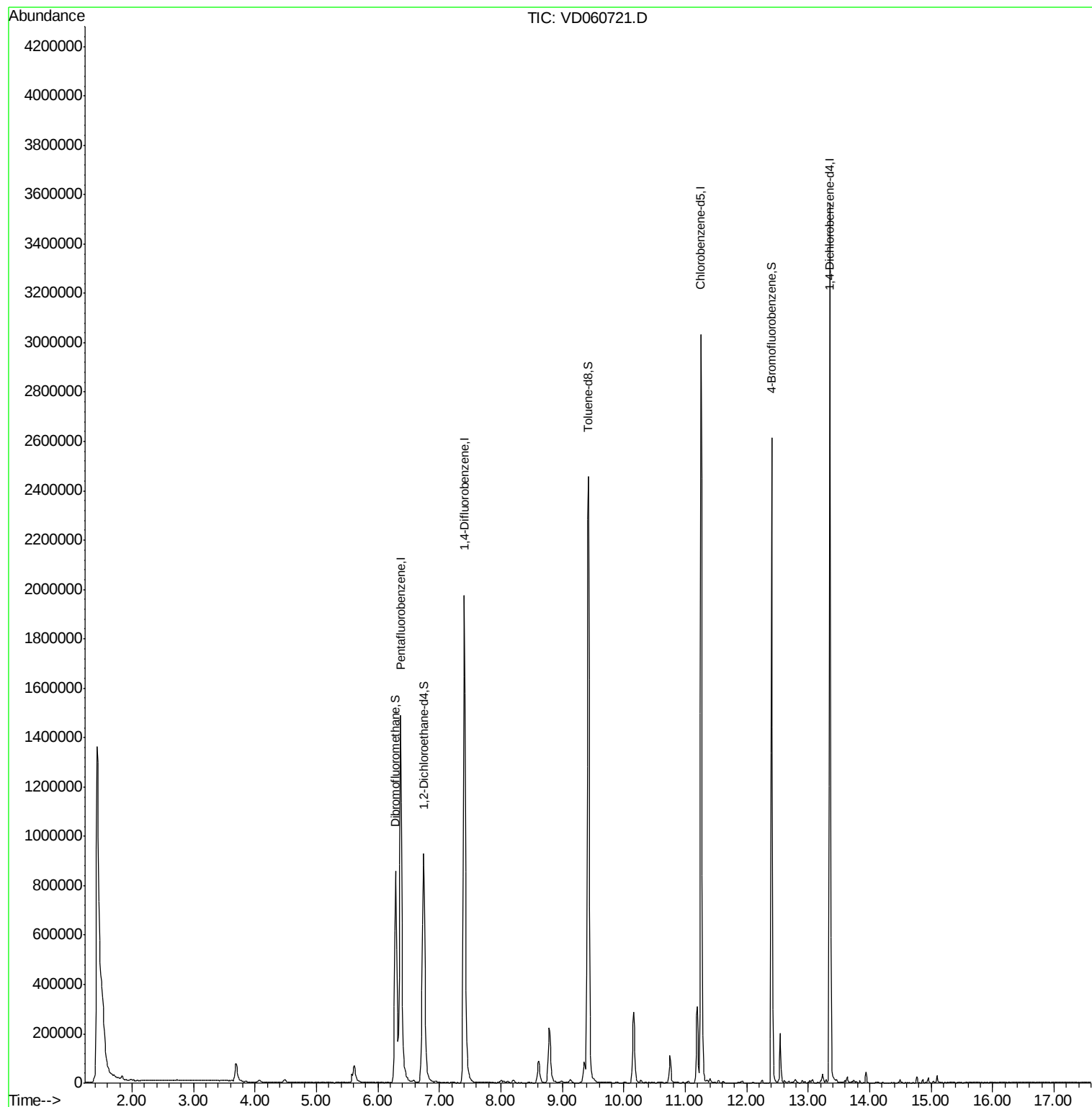
Target Compounds	Qvalue

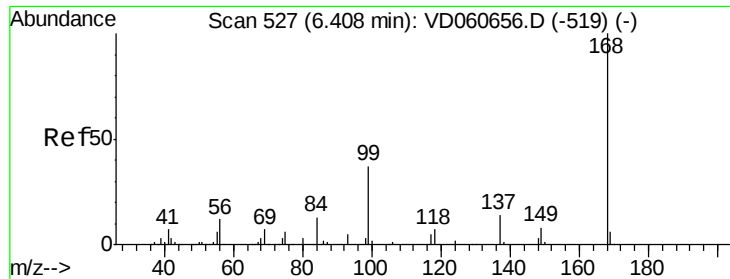
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060721.D

Acq: 27 Dec 2018 12:38

Instrument :

MSVOA_D

ClientSampleId :

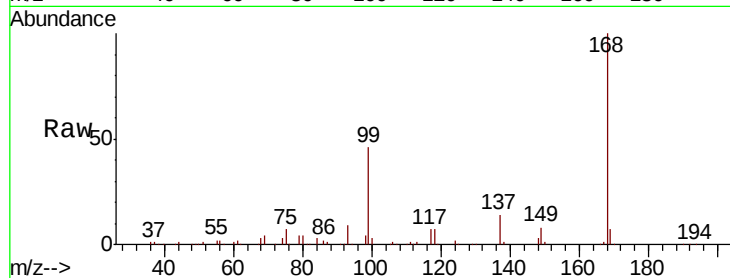
VD1227SBL01

Tot Ion:168 Resp: 1536790

Ion Ratio Lower Upper

168 100

99 45.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

600000

400000

200000

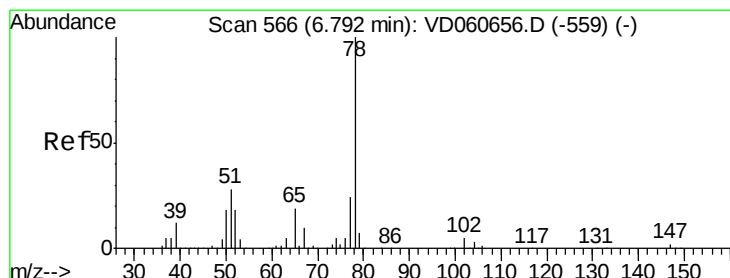
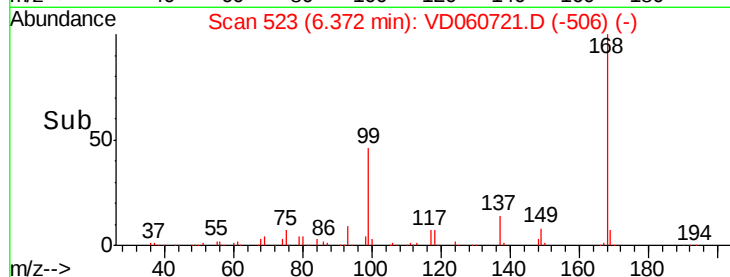
0

Time-->

6.20

6.40

6.60



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.75 min Scan# 561

Delta R.T. -0.05 min

Lab File: VD060721.D

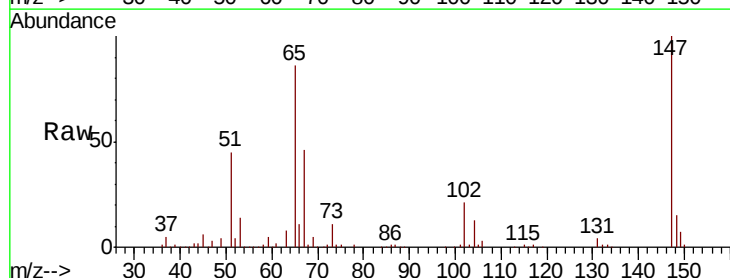
Acq: 27 Dec 2018 12:38

Tgt Ion: 65 Resp: 472867

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.75

200000

150000

100000

50000

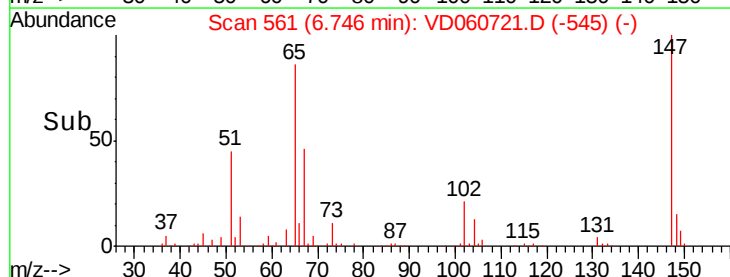
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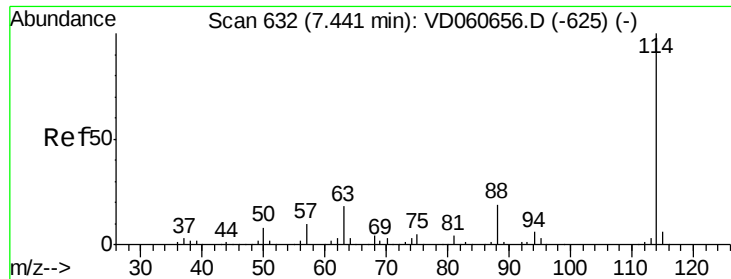
Time-->

6.60

6.80

6.90

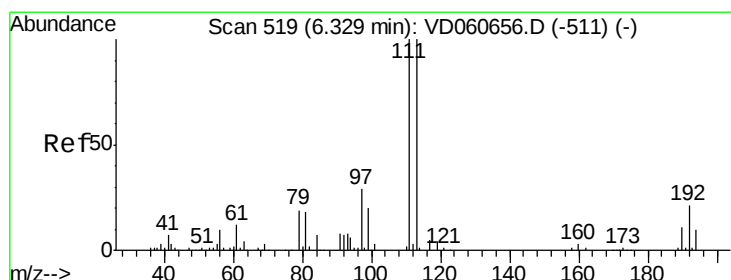
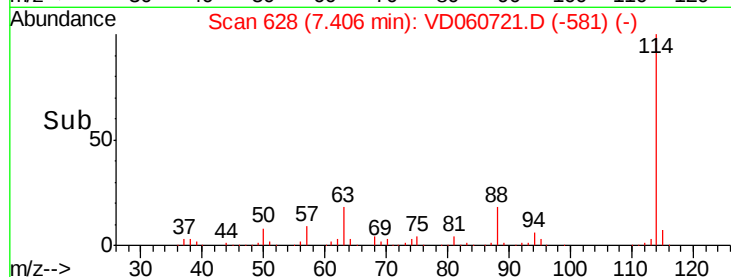
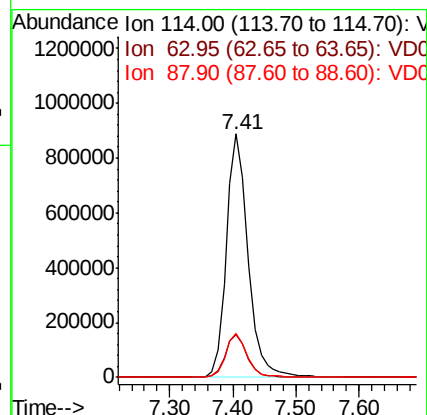
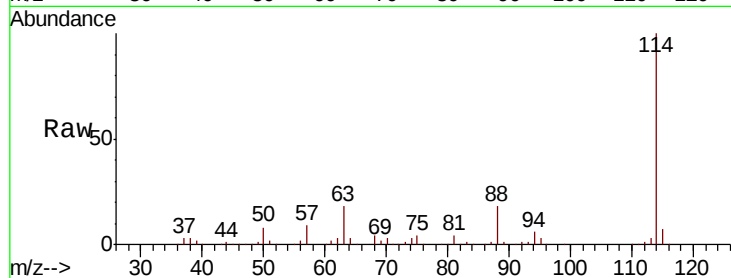




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.41 min Scan# 628
Delta R.T. -0.04 min
Lab File: VD060721.D
Acq: 27 Dec 2018 12:38

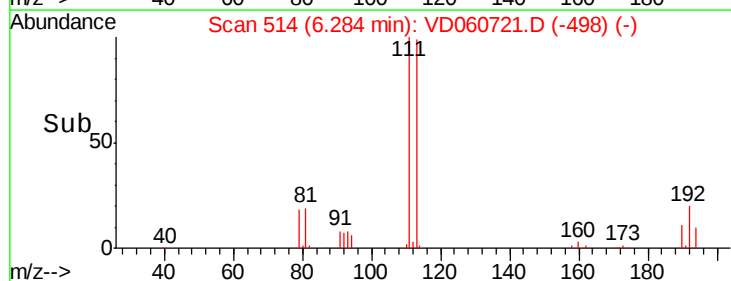
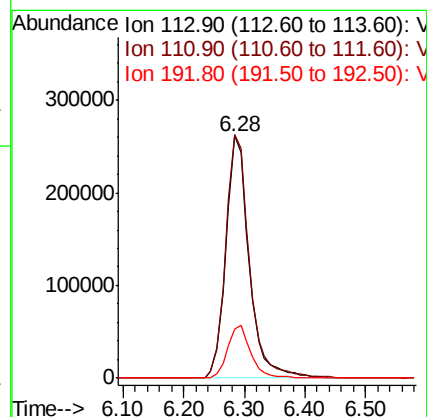
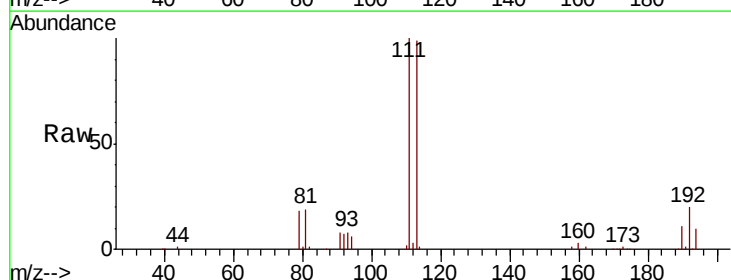
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

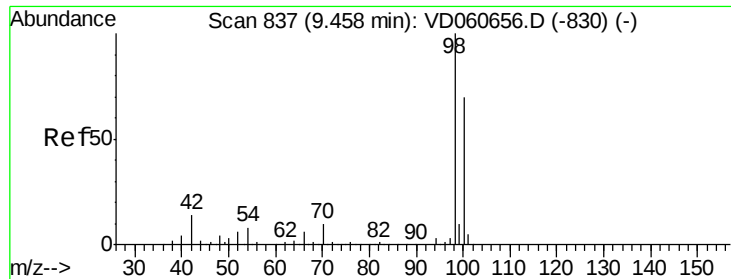
Tot Ion:114 Resp: 2126272
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.2
88 17.9 0.0 37.0



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.28 min Scan# 514
Delta R.T. -0.05 min
Lab File: VD060721.D
Acq: 27 Dec 2018 12:38

Tgt Ion:113 Resp: 697184
Ion Ratio Lower Upper
113 100
111 100.5 80.0 120.0
192 20.5 16.6 25.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.42 min Scan# 833

Delta R.T. -0.04 min

Lab File: VD060721.D

Acq: 27 Dec 2018 12:38

Instrument :

MSVOA_D

ClientSampleId :

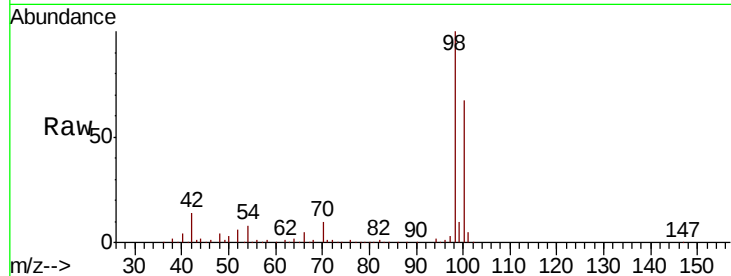
VD1227SBL01

Tot Ion: 98 Resp: 2070637

Ion Ratio Lower Upper

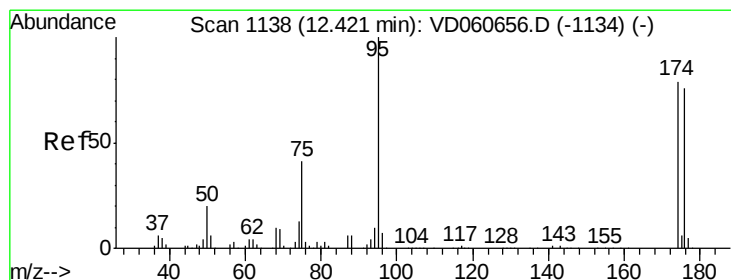
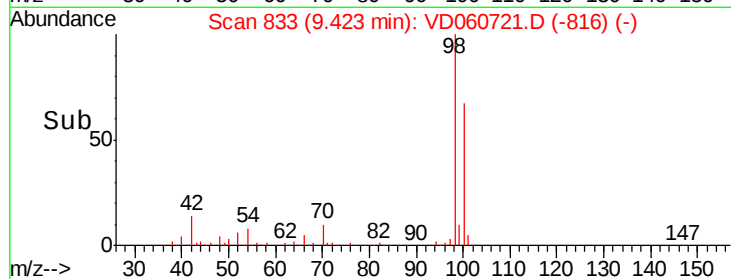
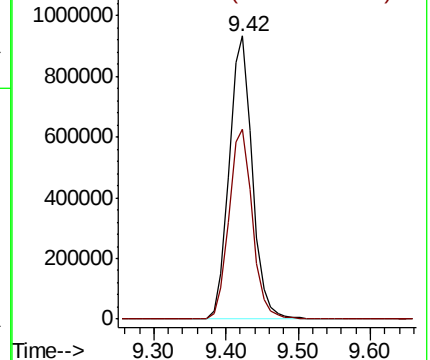
98 100

100 67.3 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060721.D

Acq: 27 Dec 2018 12:38

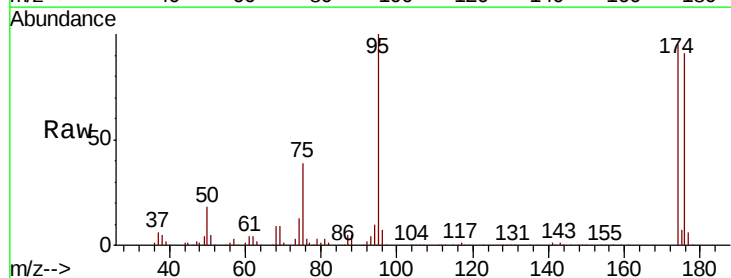
Tgt Ion: 95 Resp: 712972

Ion Ratio Lower Upper

95 100

174 94.6 0.0 158.2

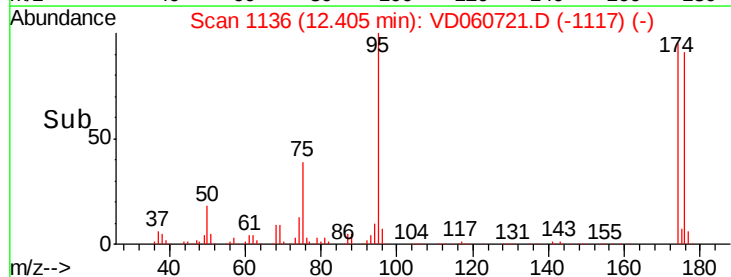
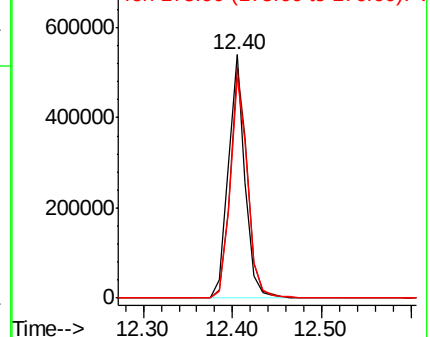
176 90.7 0.0 152.4

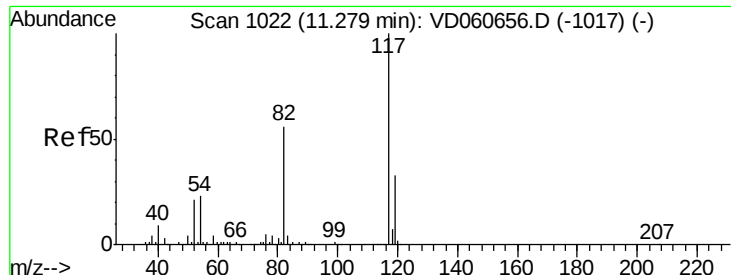


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

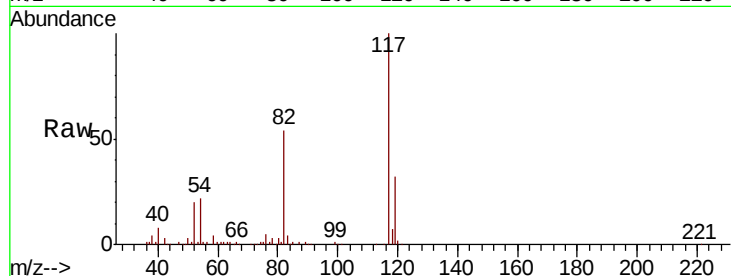




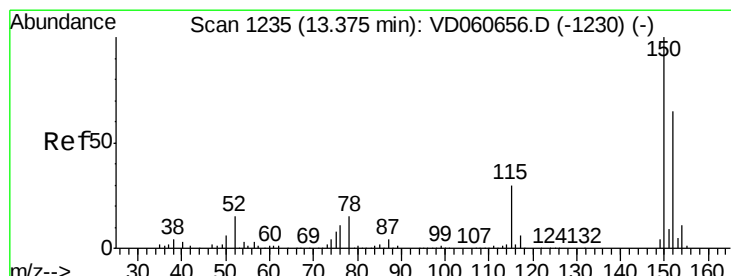
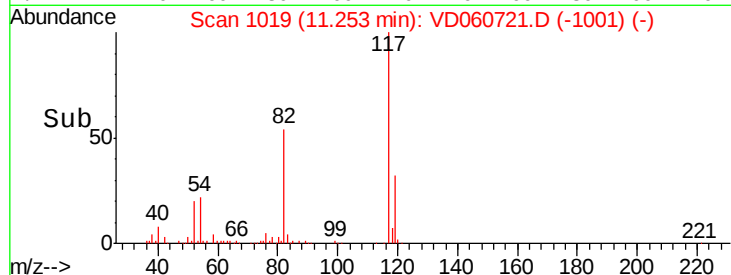
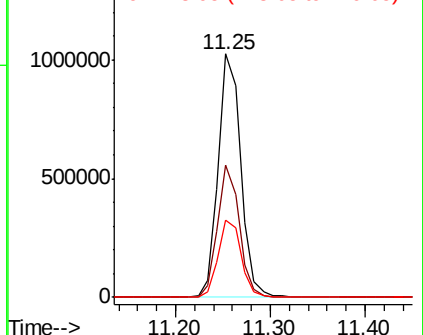
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.25 min Scan# 1019
Delta R.T. -0.03 min
Lab File: VD060721.D
Acq: 27 Dec 2018 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

Tot Ion:117 Resp: 1700680
Ion Ratio Lower Upper
117 100
82 54.3 44.5 66.7
119 31.8 26.3 39.5

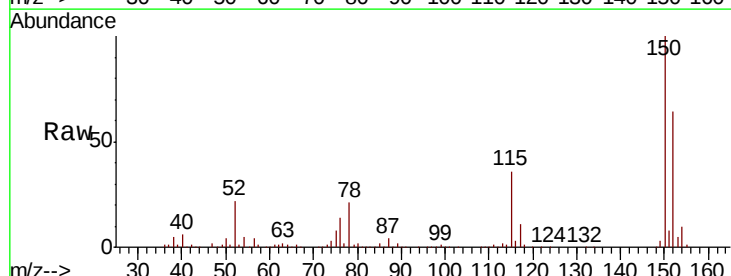


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD060721.D
Acq: 27 Dec 2018 12:38

Tgt Ion:152 Resp: 852320
Ion Ratio Lower Upper
152 100
115 55.9 24.1 72.3
150 156.8 0.0 315.0



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

