

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059397.D
 Acq On : 25 Jun 2018 14:14
 Operator : VA/AP
 Sample : VD0625SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

Quant Time: Jun 26 07:22:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	965109	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	1211361	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	1014265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	561487	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	464679	47.08	ug/l	-0.01
Spiked Amount						
			Recovery	=		94.16%
35) Dibromofluoromethane	5.54	113	474353	48.08	ug/l	-0.01
Spiked Amount						
			Recovery	=		96.16%
50) Toluene-d8	8.70	98	1080598	46.85	ug/l	-0.01
Spiked Amount						
			Recovery	=		93.70%
62) 4-Bromofluorobenzene	11.93	95	485956	50.65	ug/l	0.00
Spiked Amount						
			Recovery	=		101.30%

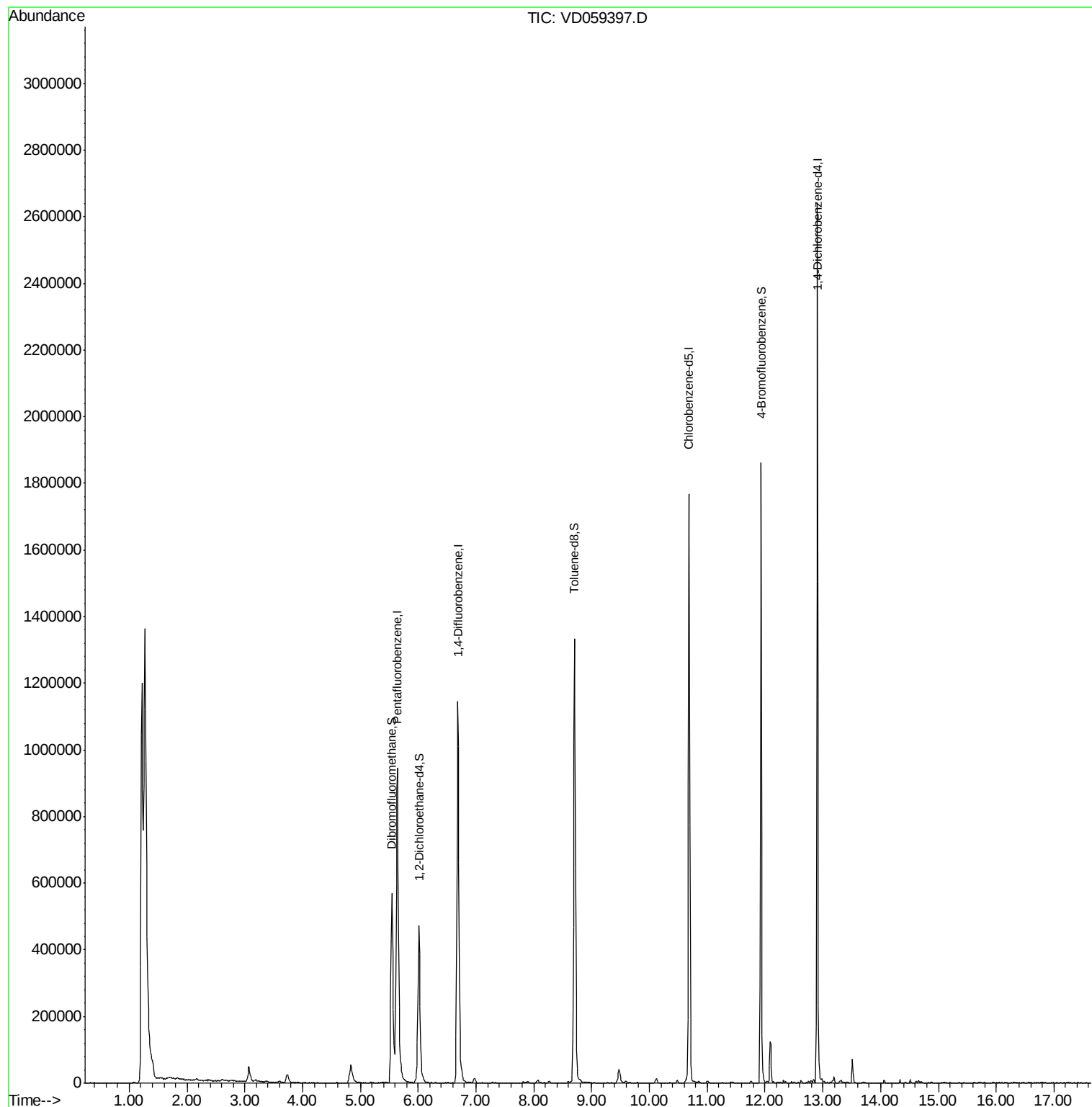
Target Compounds	Qvalue
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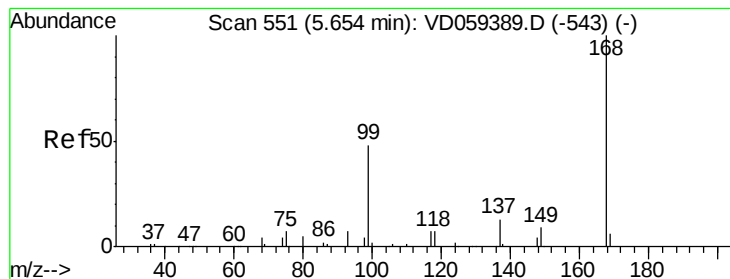
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059397.D

Acq: 25 Jun 2018 14:14

Instrument :

MSVOA_D

ClientSampleId :

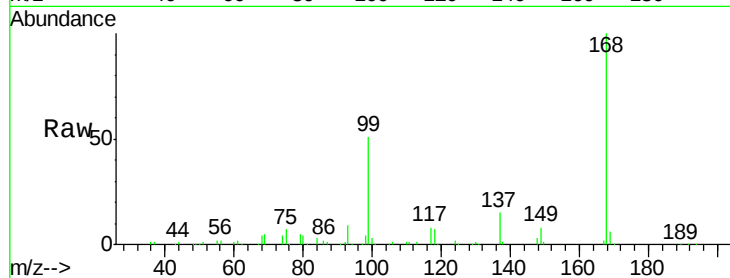
VD0625SBL01

Tot Ion:168 Resp: 965109

Ion Ratio Lower Upper

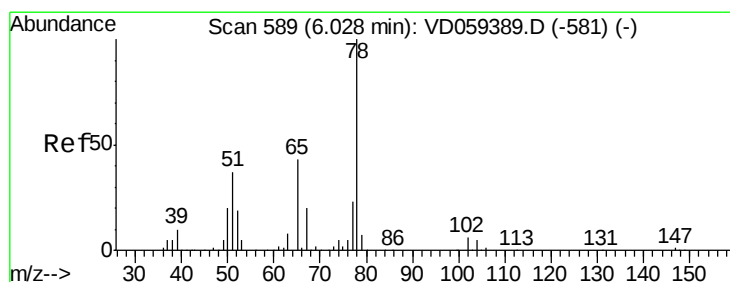
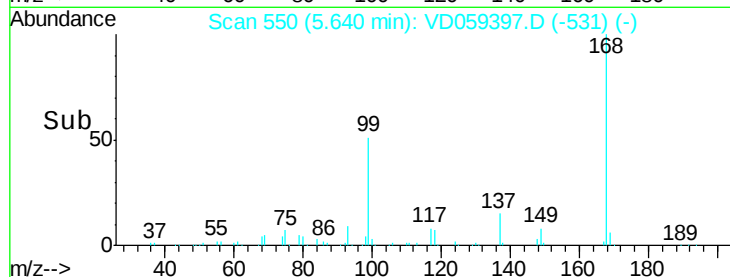
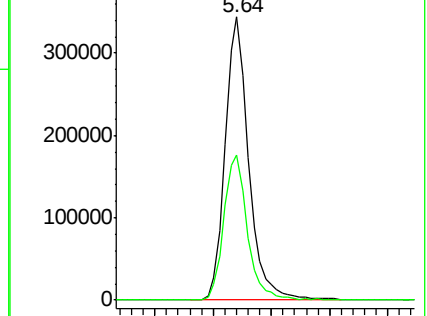
168 100

99 51.3 41.0 61.6



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: Below ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059397.D

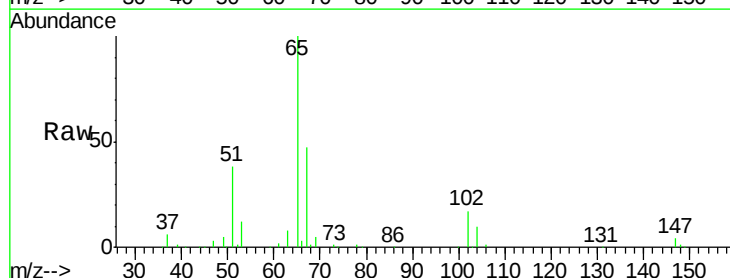
Acq: 25 Jun 2018 14:14

Tgt Ion: 65 Resp: 464679

Ion Ratio Lower Upper

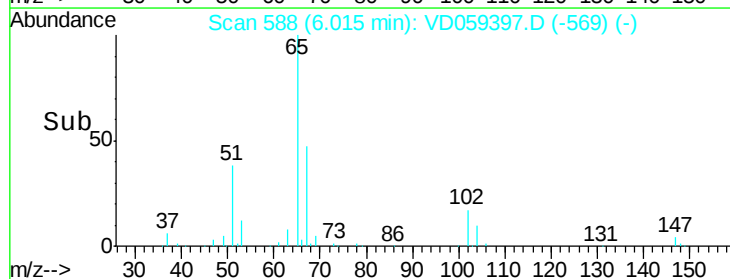
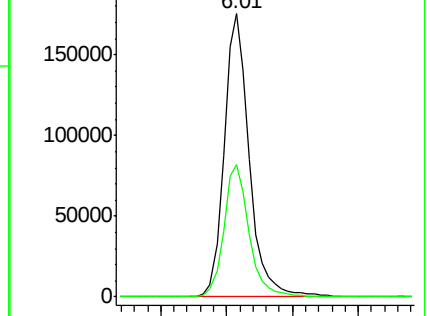
65 100

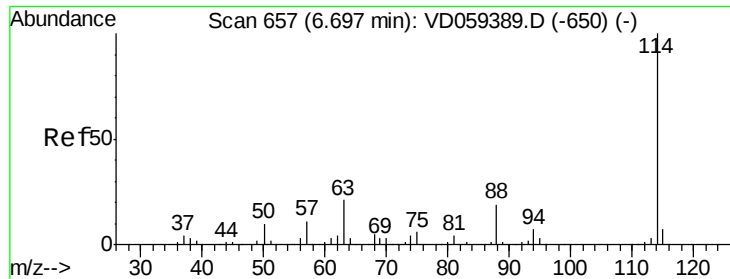
67 46.8 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

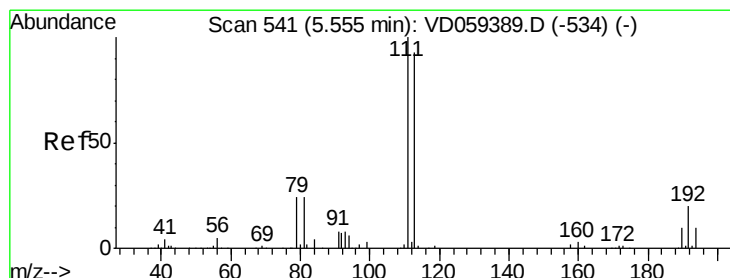
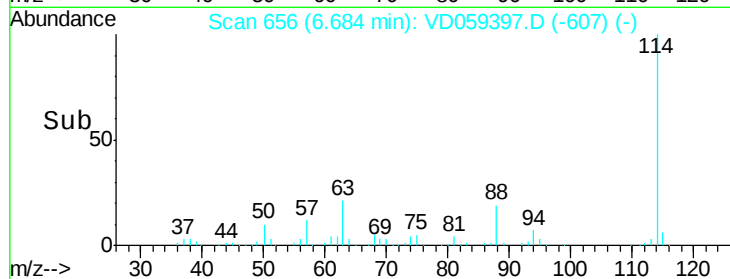
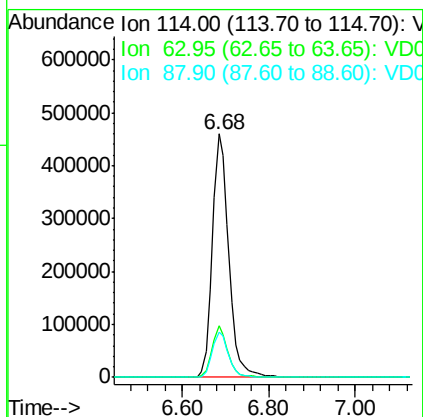
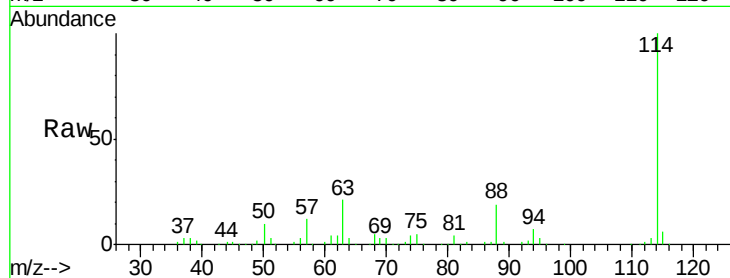




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD059397.D
Acq: 25 Jun 2018 14:14

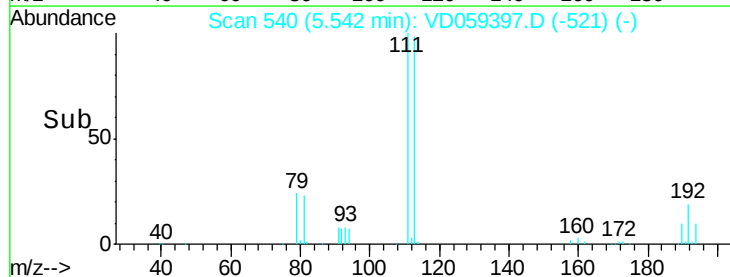
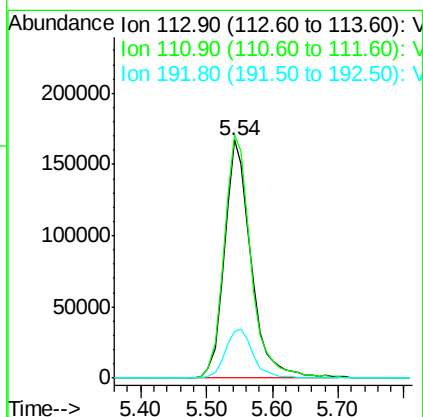
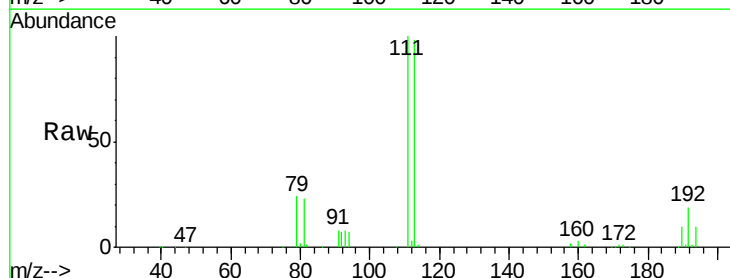
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

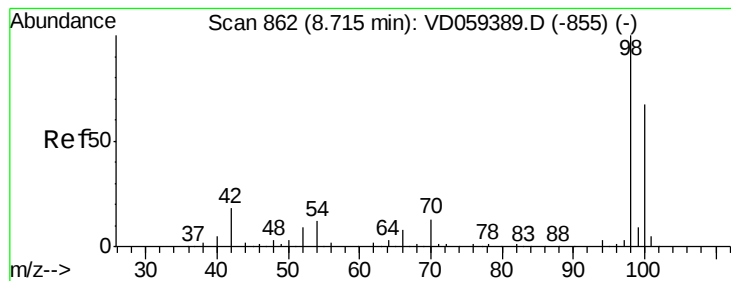
Tot Ion:114 Resp: 1211361
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 18.8 0.0 38.0



#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD059397.D
Acq: 25 Jun 2018 14:14

Tgt Ion:113 Resp: 474353
Ion Ratio Lower Upper
113 100
111 102.3 85.7 128.5
192 19.5 16.9 25.3





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059397.D

Acq: 25 Jun 2018 14:14

Instrument :

MSVOA_D

ClientSampleId :

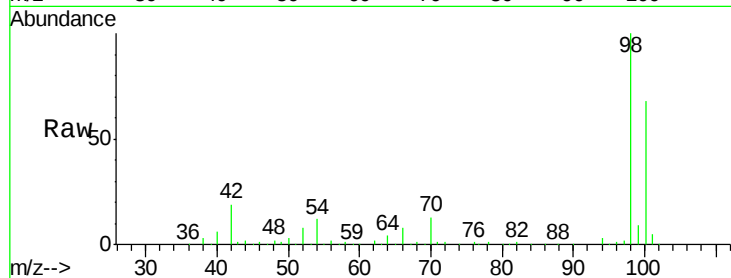
VD0625SBL01

Tot Ion: 98 Resp: 1080598

Ion Ratio Lower Upper

98 100

100 68.5 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.70

500000

400000

300000

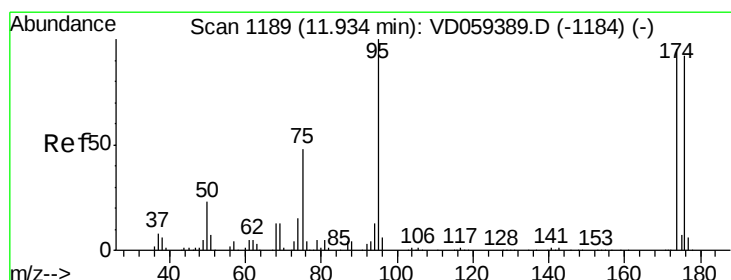
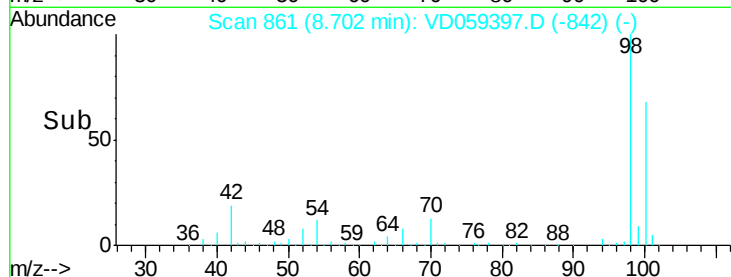
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059397.D

Acq: 25 Jun 2018 14:14

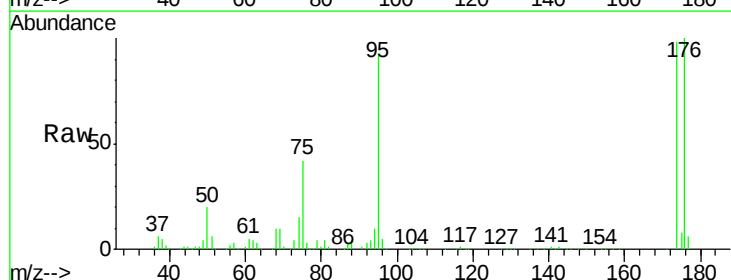
Tgt Ion: 95 Resp: 485956

Ion Ratio Lower Upper

95 100

174 107.0 0.0 190.4

176 109.0 0.0 183.2



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

500000

400000

300000

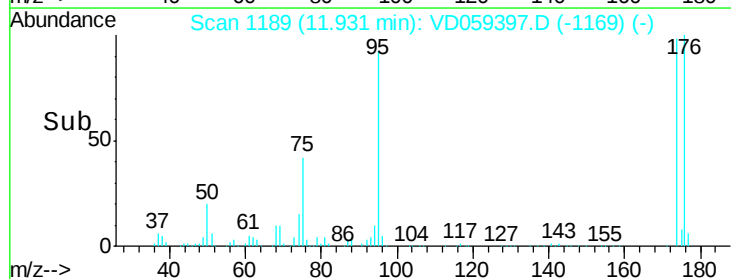
200000

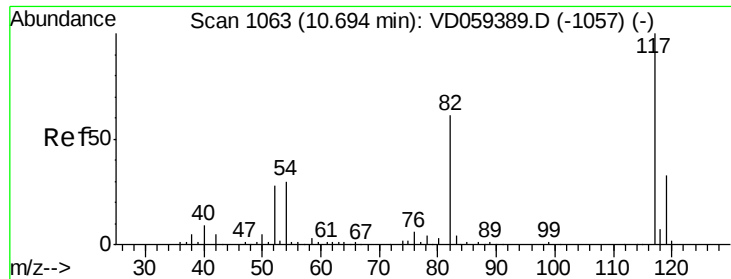
100000

0

11.90 11.93 12.00

Time-->

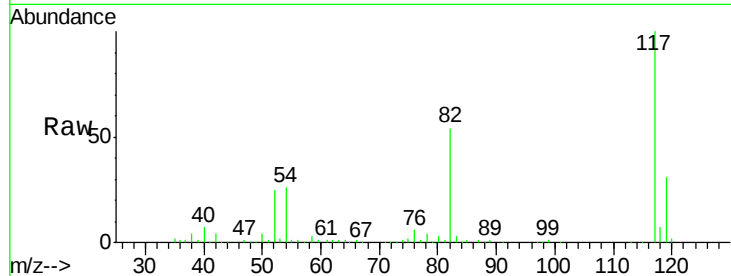




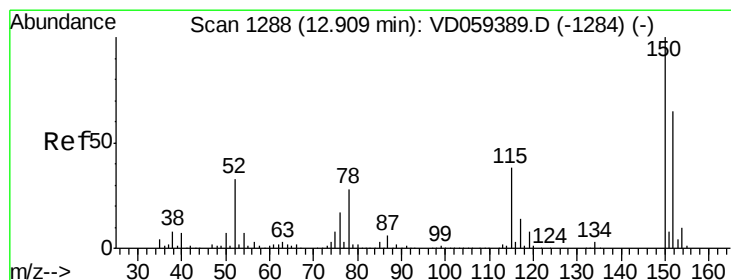
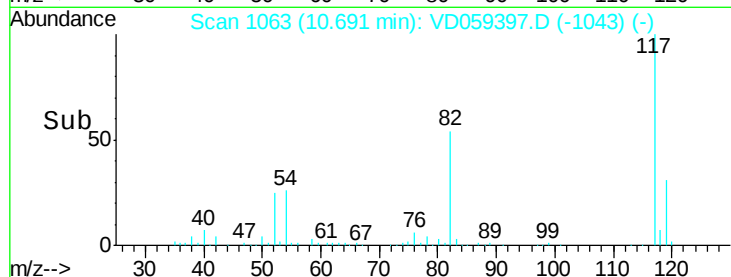
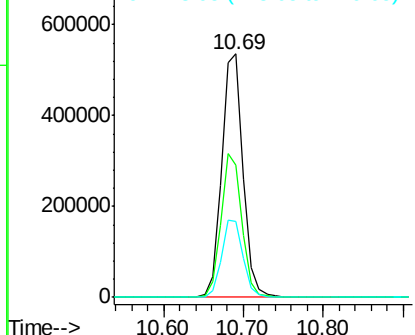
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059397.D
Acq: 25 Jun 2018 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

Tot Ion:117 Resp: 1014265
Ion Ratio Lower Upper
117 100
82 54.4 49.0 73.6
119 31.4 26.2 39.4

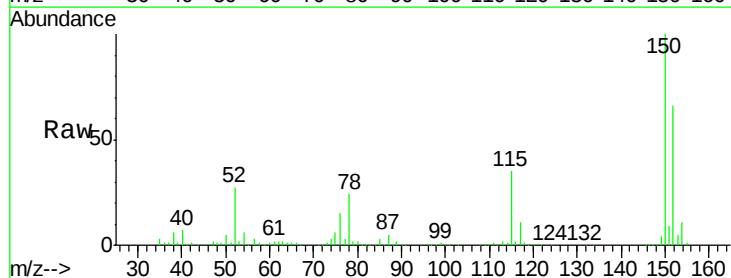


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059397.D
Acq: 25 Jun 2018 14:14

Tgt Ion:152 Resp: 561487
Ion Ratio Lower Upper
152 100
115 53.6 29.4 88.3
150 151.5 0.0 308.2



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

