

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058226.D
 Acq On : 21 Jun 2018 00:19
 Operator : VA/AP
 Sample : VD0620SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBL02

Quant Time: Jun 21 05:26:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	833507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1130278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	912344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	511996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	489366	58.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.26%	
35) Dibromofluoromethane	5.55	113	495324	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
50) Toluene-d8	8.72	98	1175775	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	11.94	95	484864	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

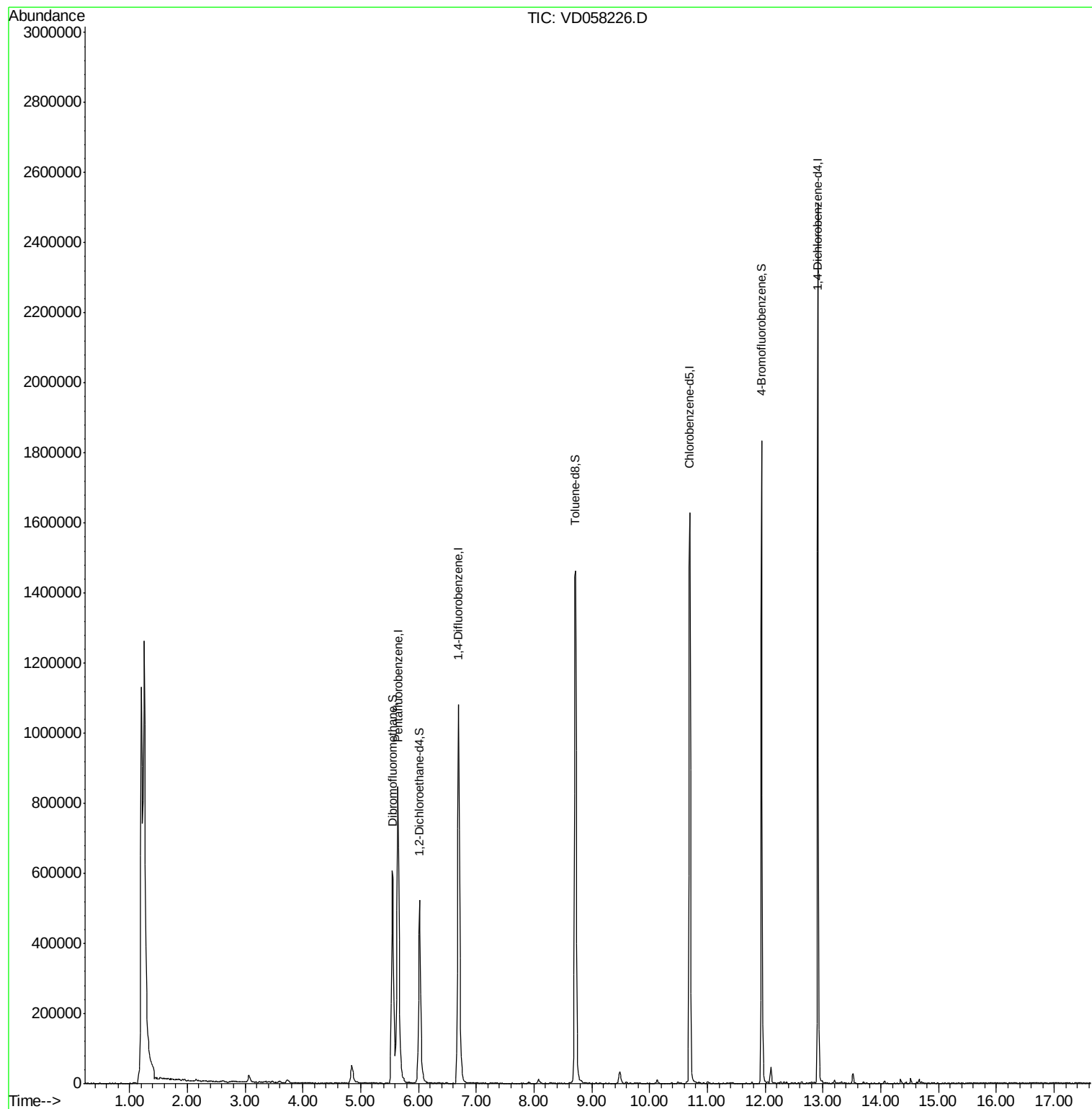
Target Compounds	Qvalue

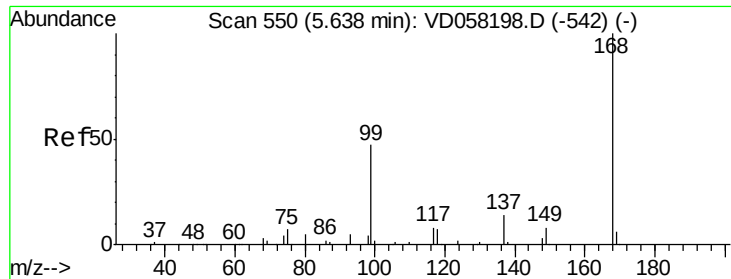
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062018\
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058226.D

Acq: 21 Jun 2018 00:19

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MSVOA_D

ClientSampleId :

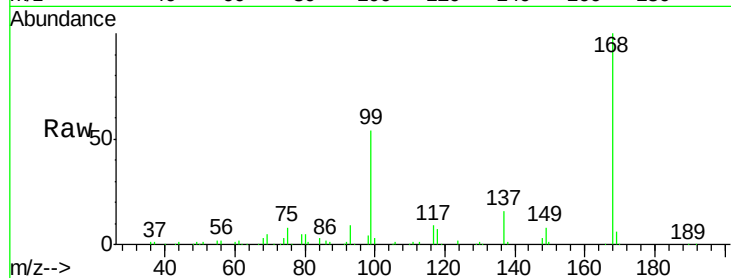
VD0620SBL02

Tot Ion:168 Resp: 833507

Ion Ratio Lower Upper

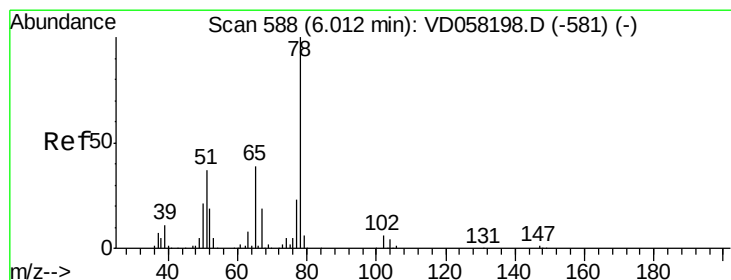
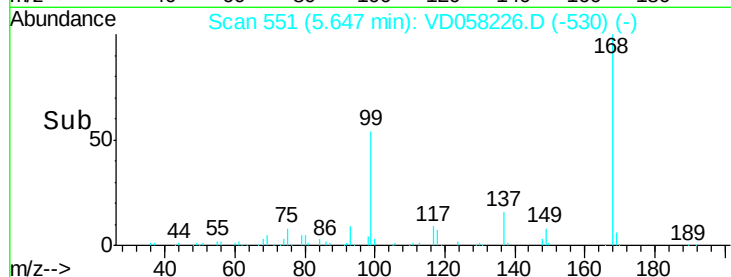
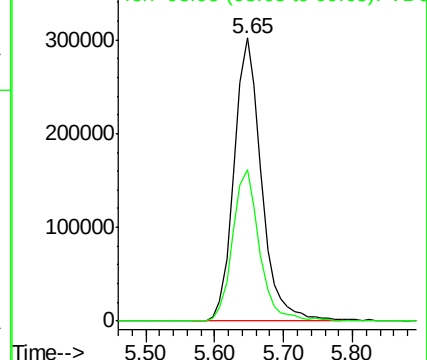
168 100

99 53.7 41.1 61.7



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: Below ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058226.D

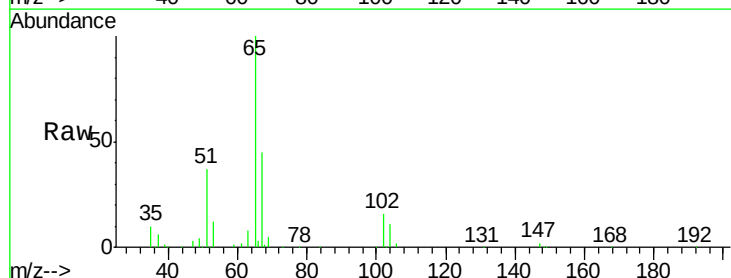
Acq: 21 Jun 2018 00:19

Tgt Ion: 65 Resp: 489366

Ion Ratio Lower Upper

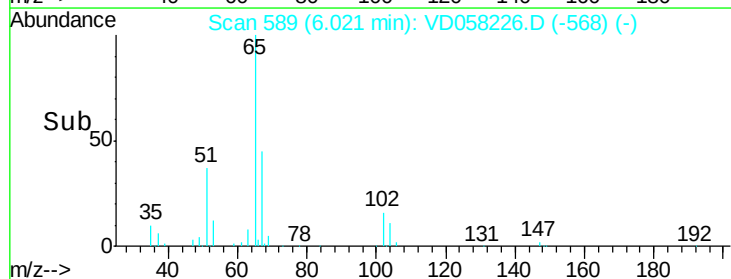
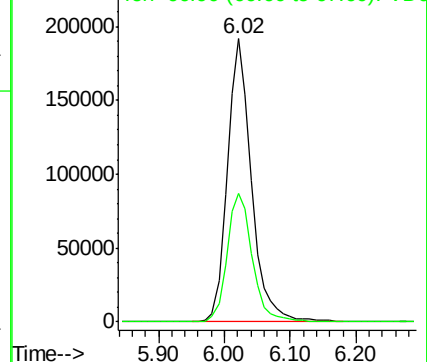
65 100

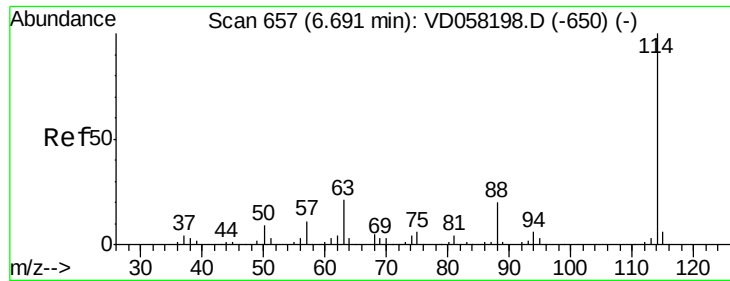
67 45.4 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

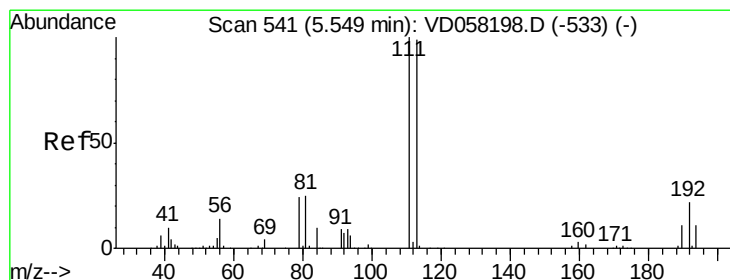
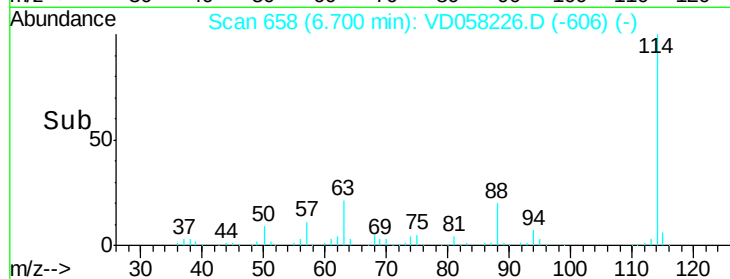
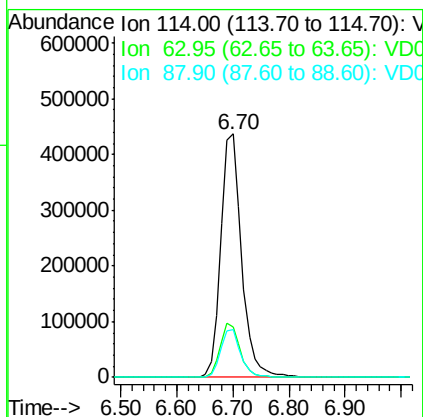
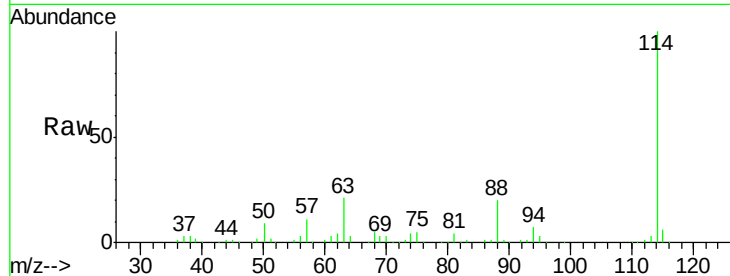




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058226.D
 Acq: 21 Jun 2018 00:19

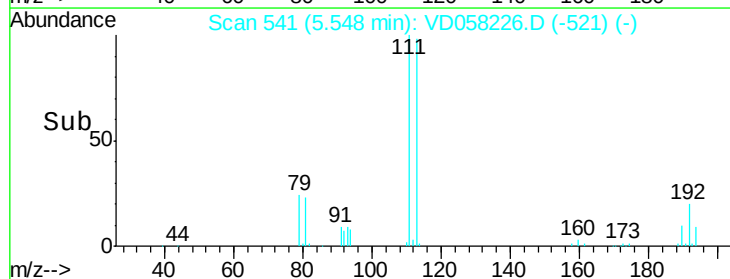
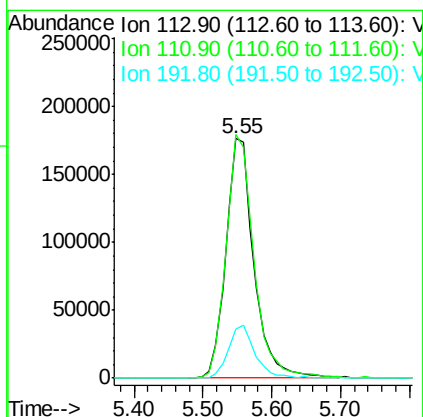
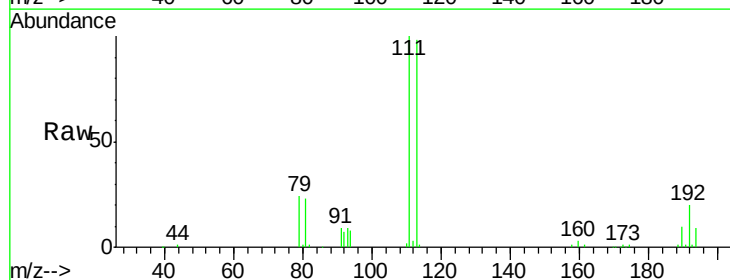
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBL02

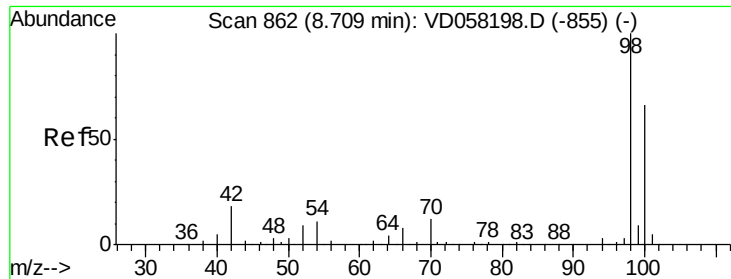
Tot Ion:114 Resp: 1130278
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 19.8 0.0 40.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VD058226.D
 Acq: 21 Jun 2018 00:19

Tgt Ion:113 Resp: 495324
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.6 121.0
 192 20.7 17.8 26.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058226.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_D

ClientSampleId :

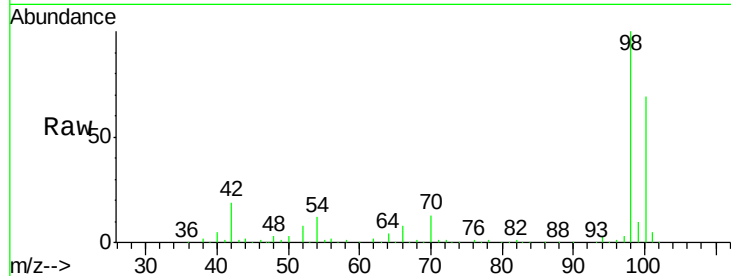
VD0620SBL02

Tot Ion: 98 Resp: 1175775

Ion Ratio Lower Upper

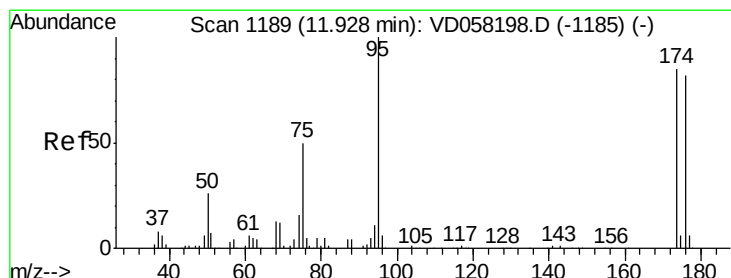
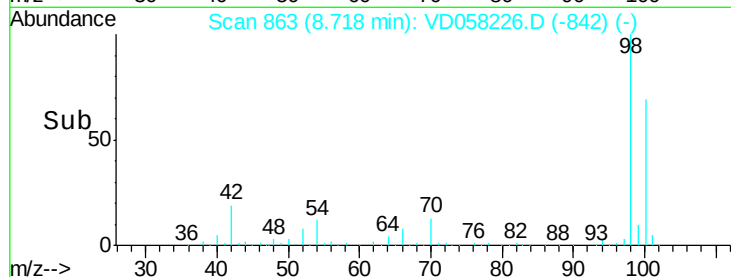
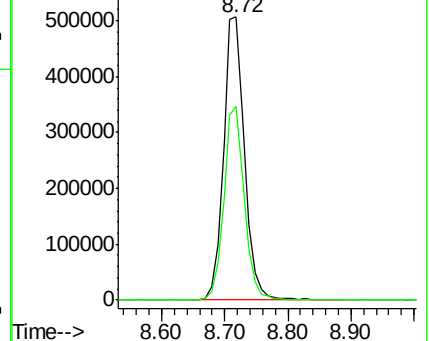
98 100

100 68.6 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058226.D

Acq: 21 Jun 2018 00:19

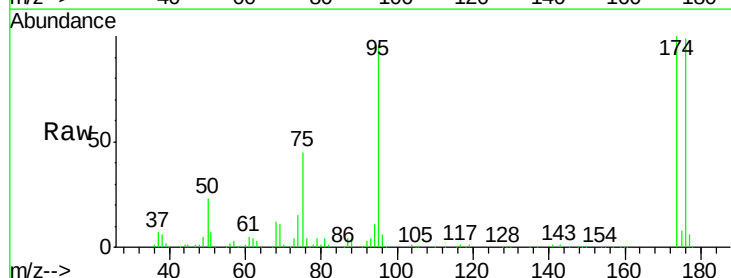
Tgt Ion: 95 Resp: 484864

Ion Ratio Lower Upper

95 100

174 103.9 0.0 170.2

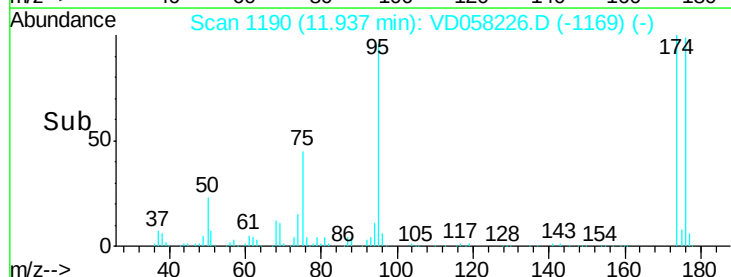
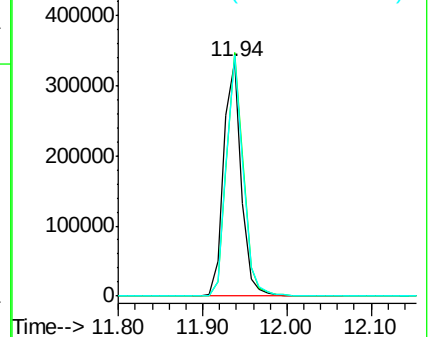
176 102.7 0.0 164.6

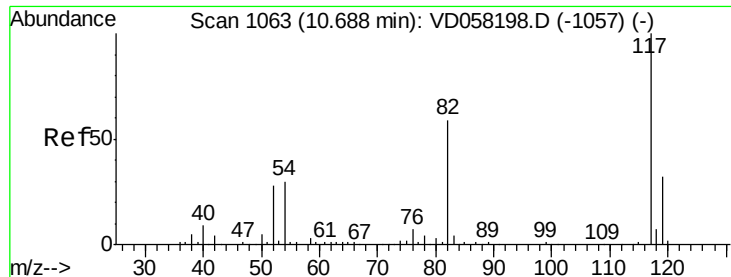


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058226.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_D

ClientSampleId :

VD0620SBL02

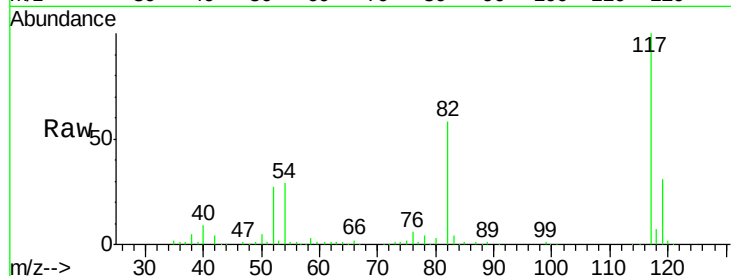
Tot Ion:117 Resp: 912344

Ion Ratio Lower Upper

117 100

82 58.3 47.0 70.6

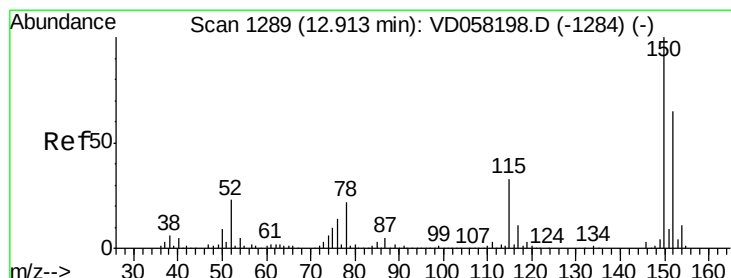
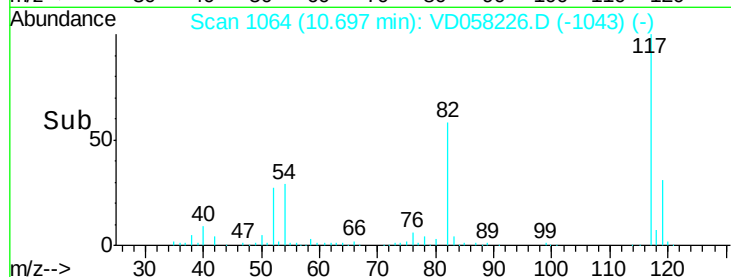
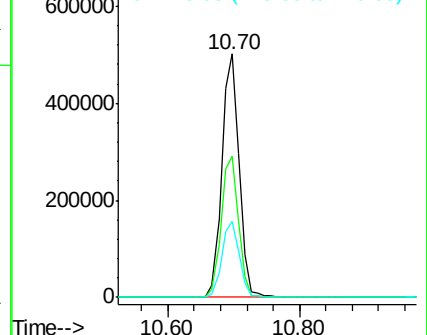
119 30.9 25.3 37.9



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# 1289

Delta R.T. -0.00 min

Lab File: VD058226.D

Acq: 21 Jun 2018 00:19

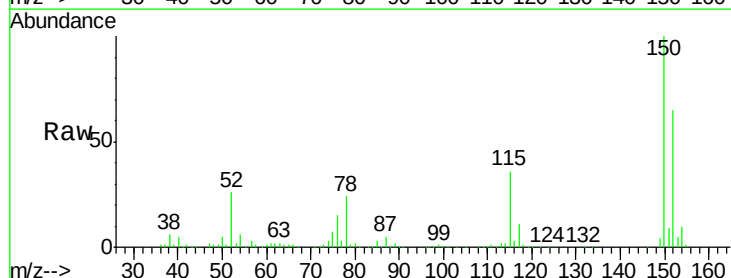
Tgt Ion:152 Resp: 511996

Ion Ratio Lower Upper

152 100

115 54.4 25.1 75.3

150 152.8 0.0 308.8



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

