

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058270.D
 Acq On : 22 Jun 2018 1:30
 Operator : VA/AP
 Sample : VD0621SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBL02

Quant Time: Jun 22 07:53:30 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	960561	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	1246988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1029640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	530851	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	538299	55.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.96%	
35) Dibromofluoromethane	5.55	113	548836	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	8.71	98	1257586	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.93	95	536730	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	

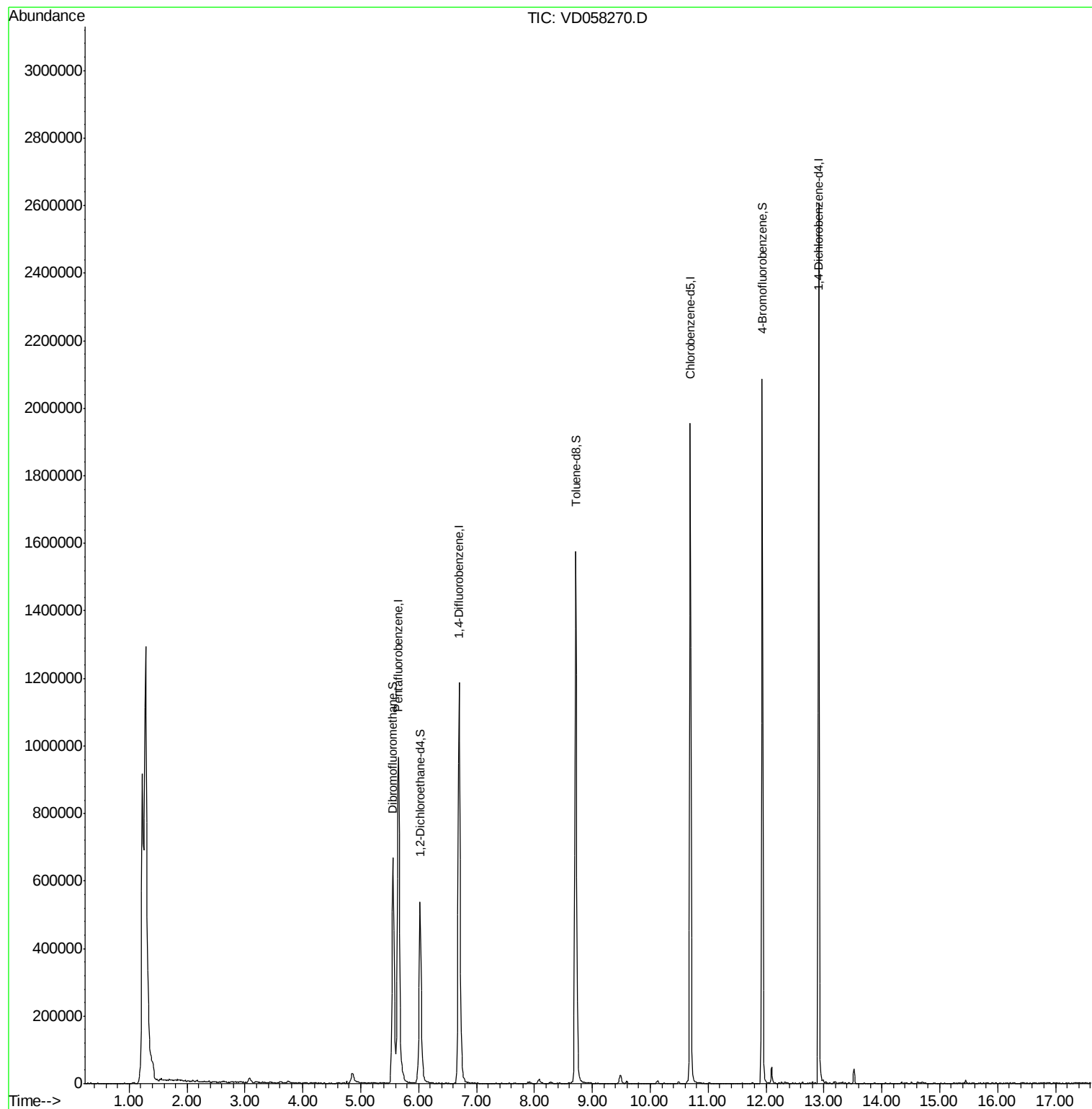
Target Compounds	Qvalue
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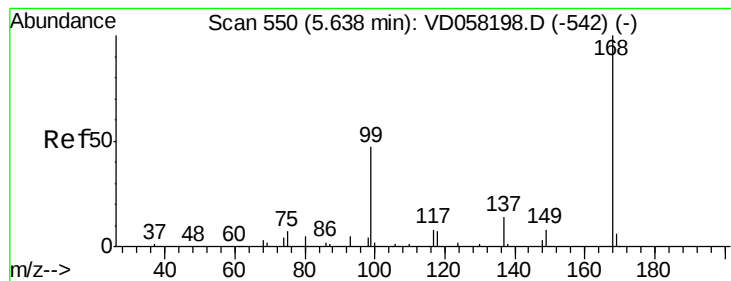
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.02 min

Lab File: VD058270.D

Acq: 22 Jun 2018 1:30

Instrument :

MSVOA_D

ClientSampleId :

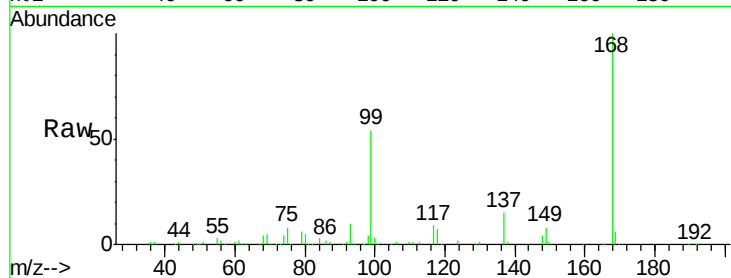
VD0621SBL02

Tot Ion:168 Resp: 960561

Ion Ratio Lower Upper

168 100

99 54.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

400000

300000

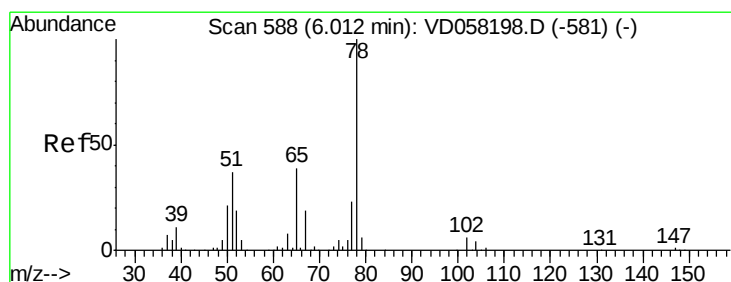
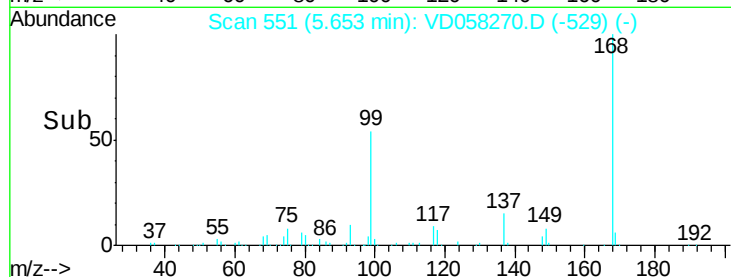
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.02 min

Lab File: VD058270.D

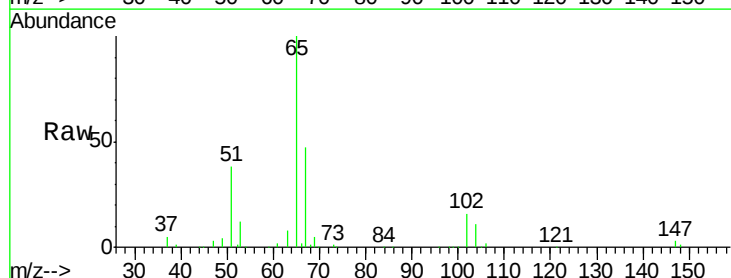
Acq: 22 Jun 2018 1:30

Tgt Ion: 65 Resp: 538299

Ion Ratio Lower Upper

65 100

67 46.9 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.03

200000

150000

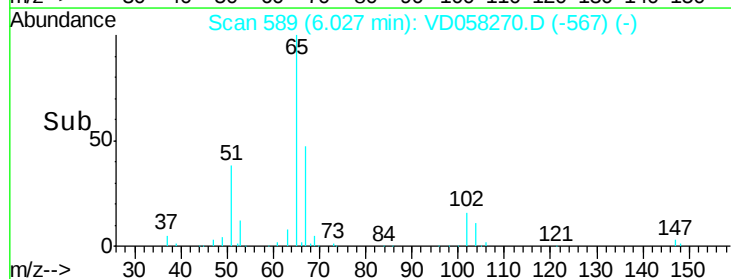
100000

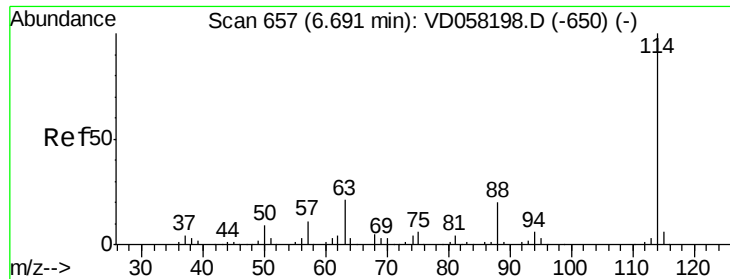
50000

0

Time-->

5.90 6.00 6.10 6.20

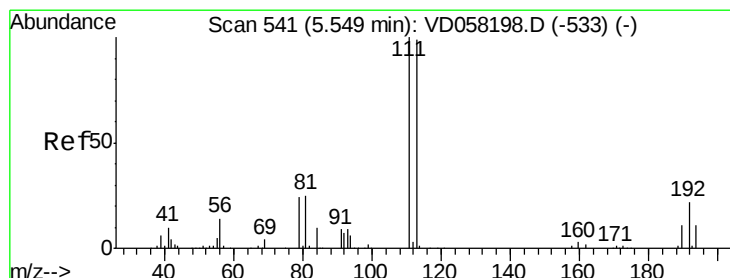
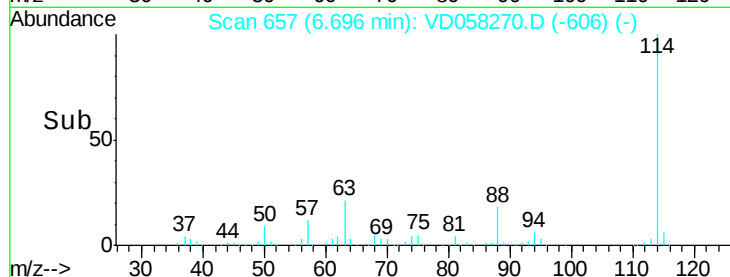
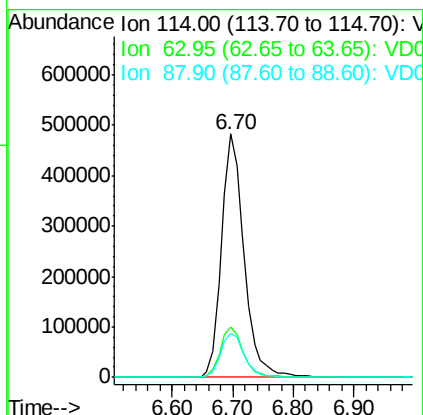
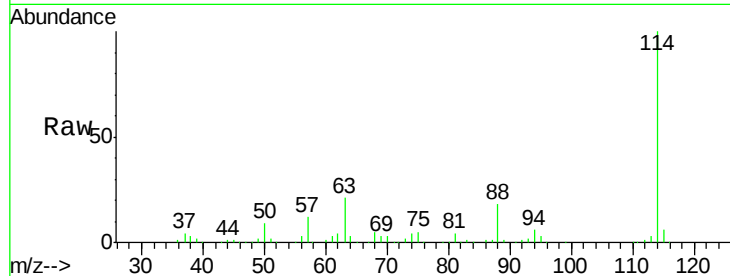




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD058270.D
 Acq: 22 Jun 2018 1:30

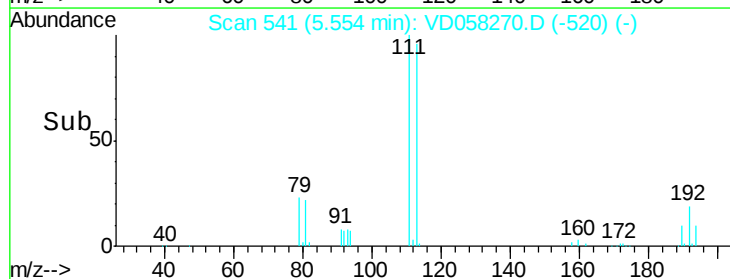
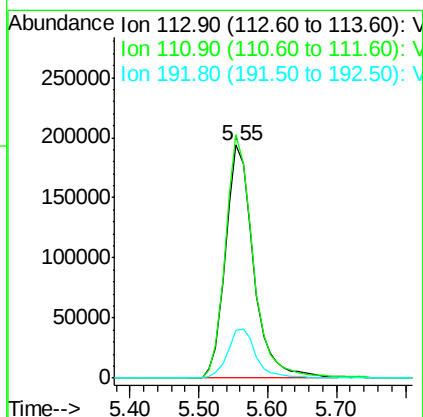
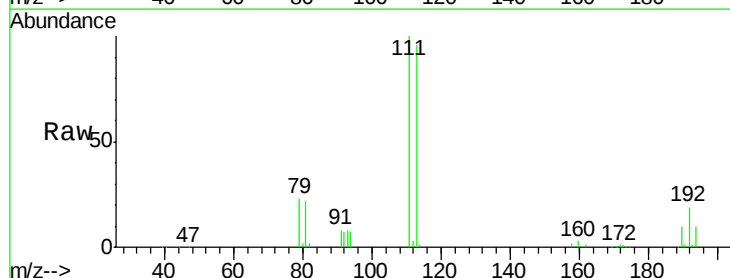
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBL02

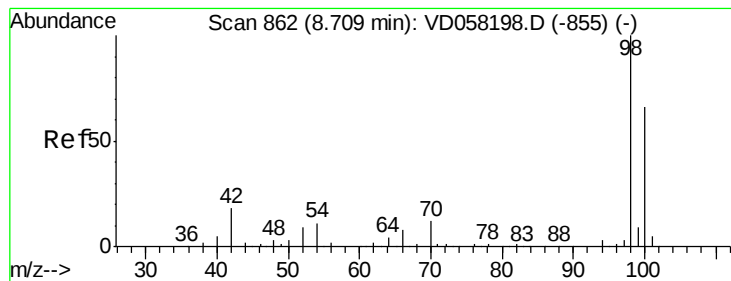
Tot Ion:114 Resp: 1246988
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.6
 88 18.3 0.0 40.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD058270.D
 Acq: 22 Jun 2018 1:30

Tgt Ion:113 Resp: 548836
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.6 121.0
 192 20.3 17.8 26.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD058270.D

Acq: 22 Jun 2018 1:30

Instrument :

MSVOA_D

ClientSampleId :

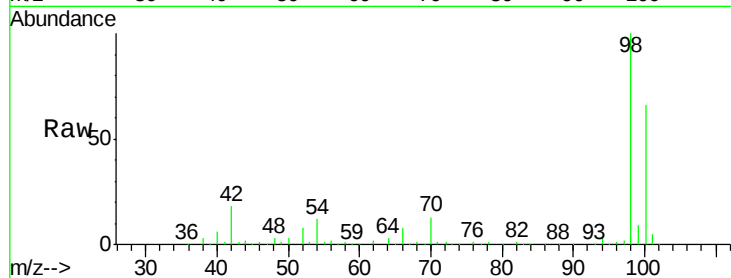
VD0621SBL02

Tot Ion: 98 Resp: 1257586

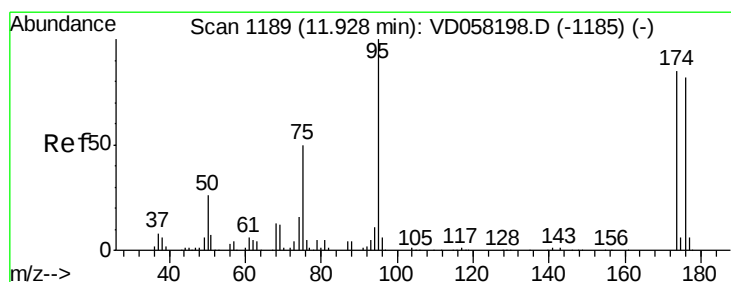
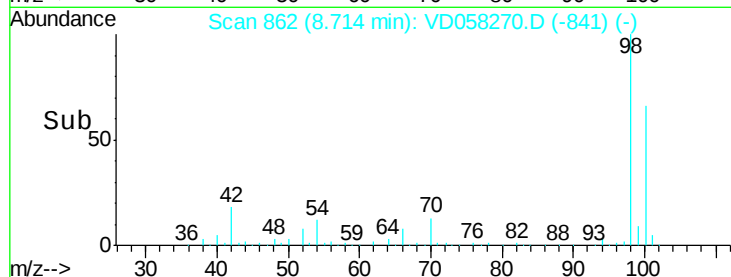
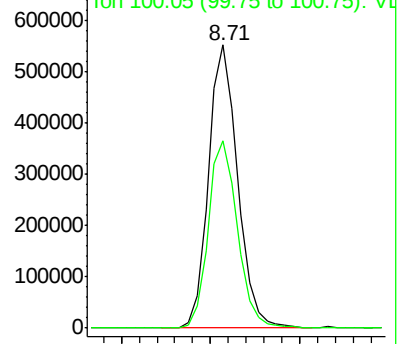
Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VD058198.D (-855) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058270.D

Acq: 22 Jun 2018 1:30

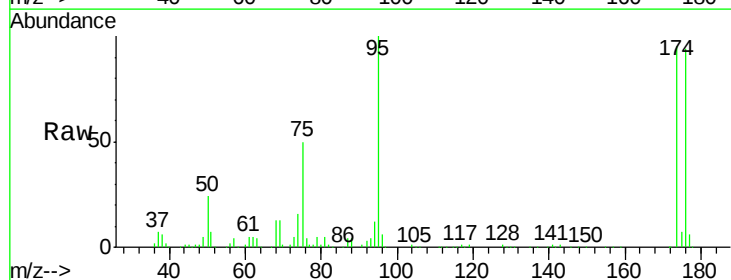
Tgt Ion: 95 Resp: 536730

Ion Ratio Lower Upper

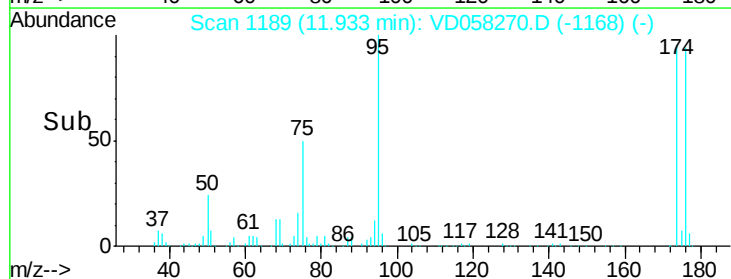
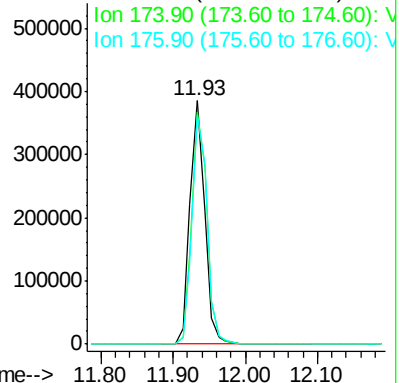
95 100

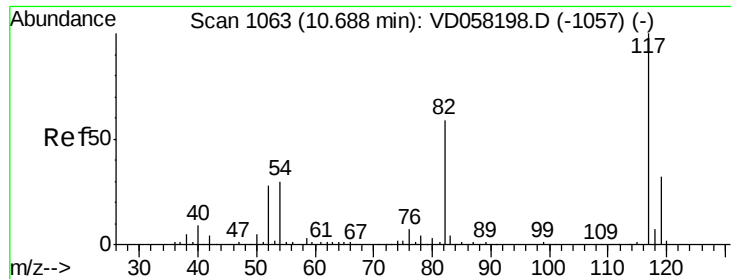
174 95.5 0.0 170.2

176 94.3 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VD058198.D (-1185) (-)

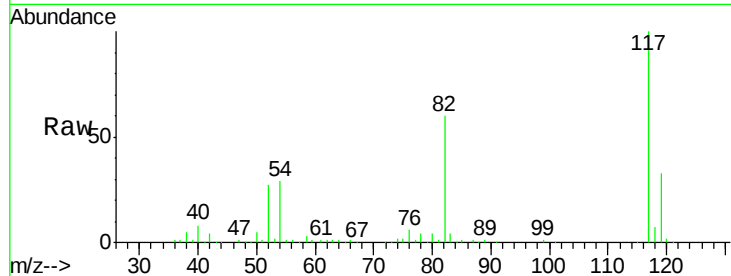




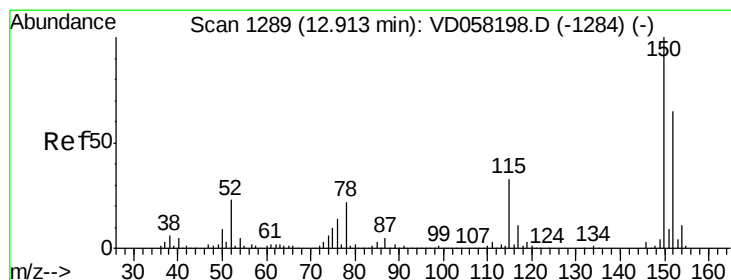
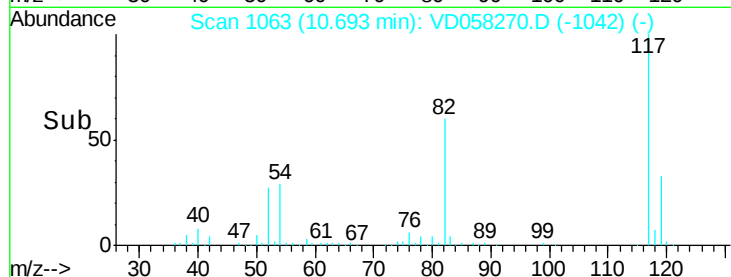
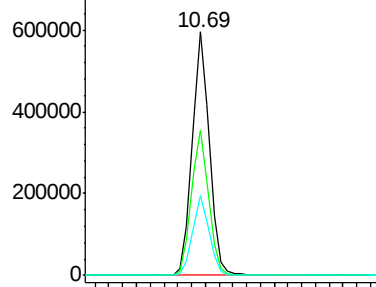
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058270.D
Acq: 22 Jun 2018 1:30

Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL02

Tot Ion:117 Resp: 1029640
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 32.6 25.3 37.9

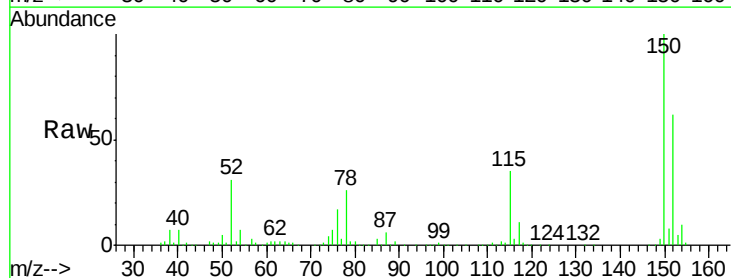


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058270.D
Acq: 22 Jun 2018 1:30

Tgt Ion:152 Resp: 530851
Ion Ratio Lower Upper
152 100
115 56.2 25.1 75.3
150 161.2 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

