

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058135.D
 Acq On : 14 Jun 2018 14:58
 Operator : VA/AP
 Sample : J3420-04RE
 Misc : 6.44g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-41(0-5)RE

Quant Time: Jun 15 07:01:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	24274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	37820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	36775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	23549	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	17210	70.92	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	5.54	113	12236	41.82	ug/l	-0.02
Spiked Amount						
50) Toluene-d8	8.72	98	30722	44.16	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	11.94	95	15927	52.48	ug/l	0.00
Spiked Amount						

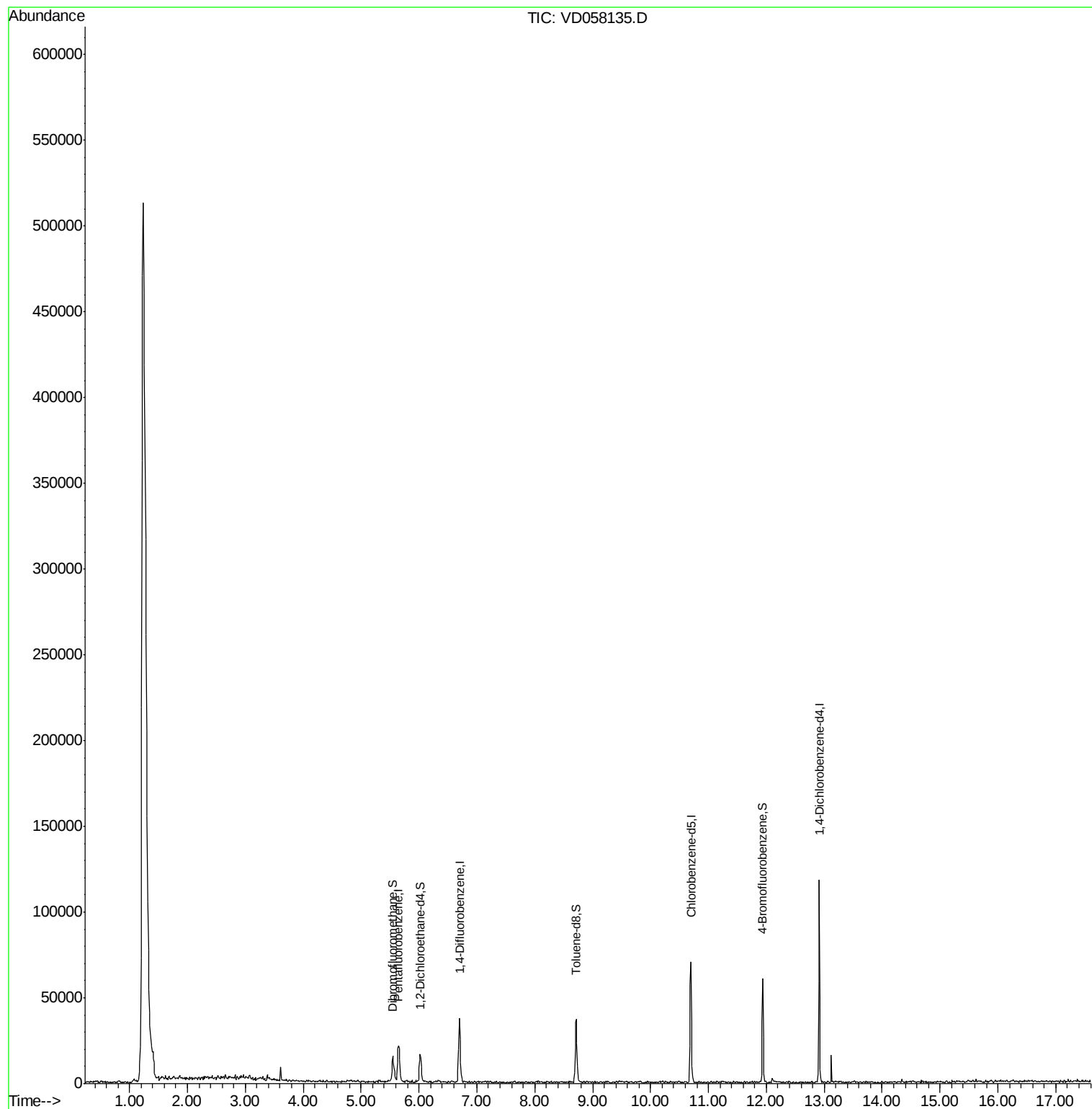
Target Compounds	Qvalue

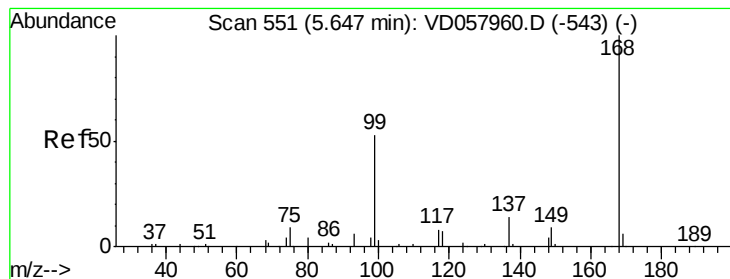
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058135.D

Acq: 14 Jun 2018 14:58

Instrument :

MSVOA_D

ClientSampleId :

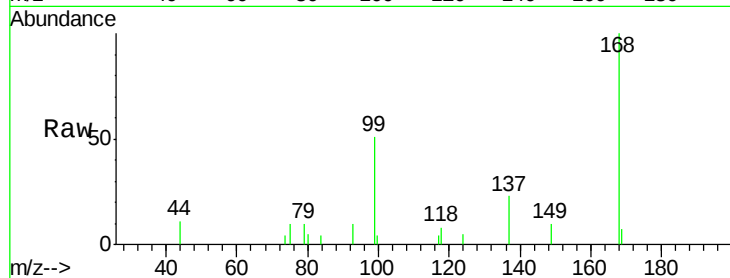
SB-41(0-5)RE

Tot Ion:168 Resp: 24274

Ion Ratio Lower Upper

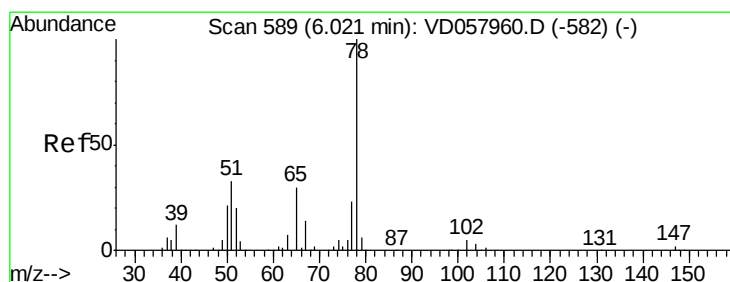
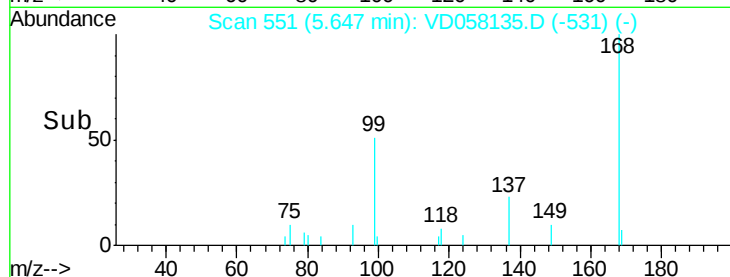
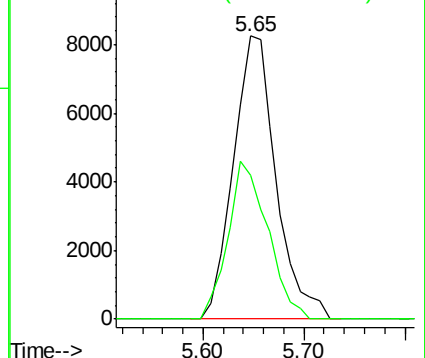
168 100

99 50.9 46.8 70.2



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: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.00 min

Lab File: VD058135.D

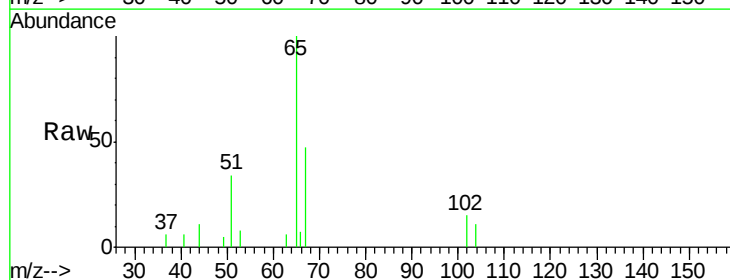
Acq: 14 Jun 2018 14:58

Tgt Ion: 65 Resp: 17210

Ion Ratio Lower Upper

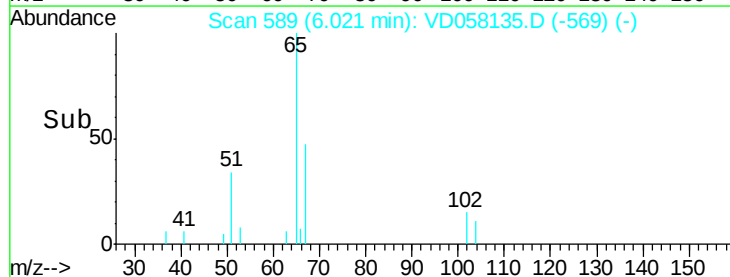
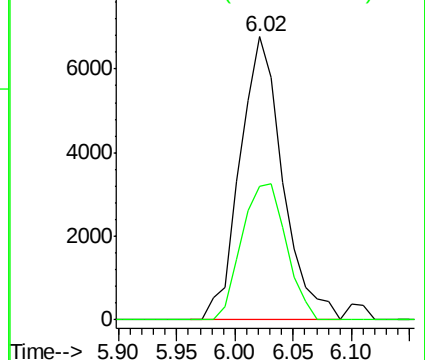
65 100

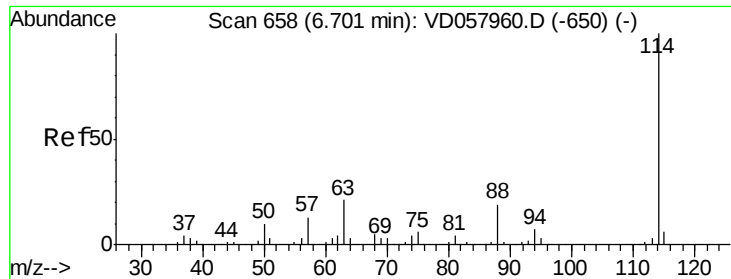
67 47.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

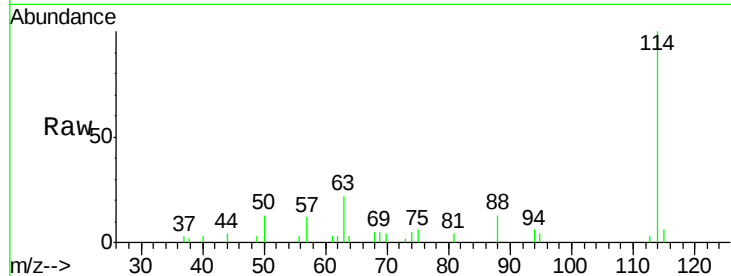




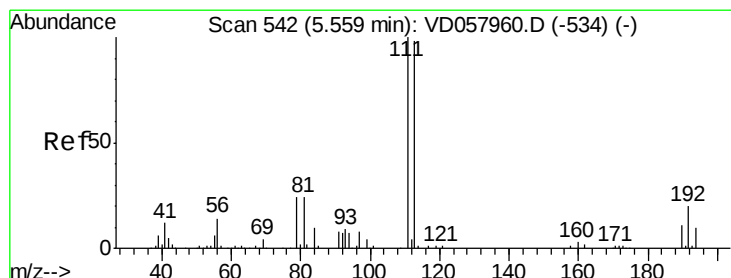
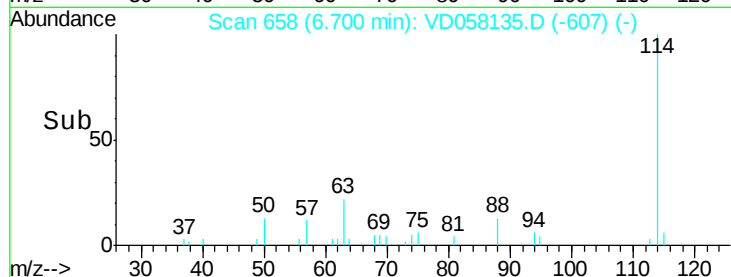
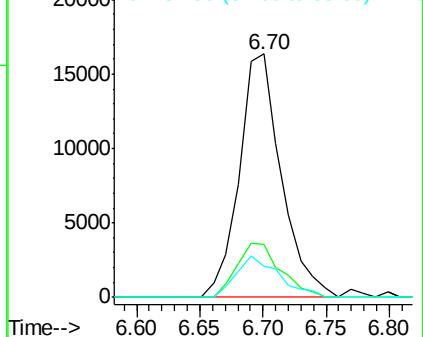
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VD058135.D
 Acq: 14 Jun 2018 14:58

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-41(0-5)RE

Tot Ion:114 Resp: 37820
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 12.8 0.0 37.8

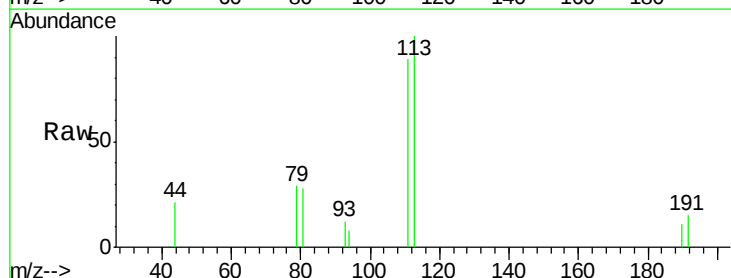


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

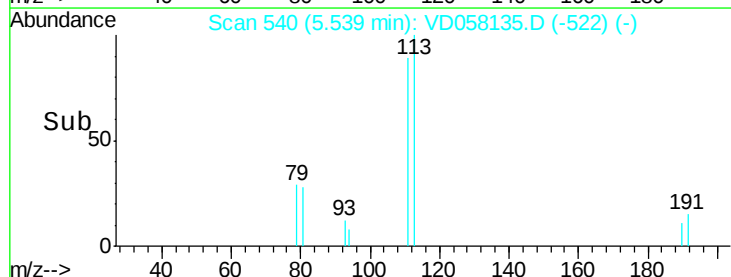
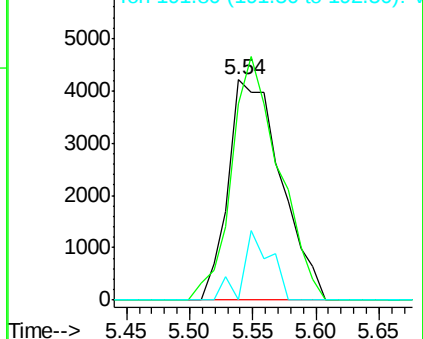


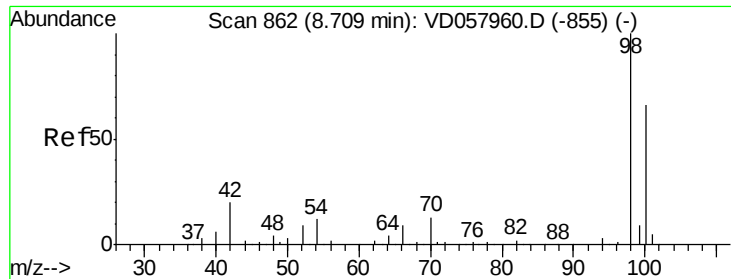
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058135.D
 Acq: 14 Jun 2018 14:58

Tgt Ion:113 Resp: 12236
 Ion Ratio Lower Upper
 113 100
 111 89.4 81.5 122.3
 192 0.0 16.4 24.6#



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: N.D. ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058135.D

Acq: 14 Jun 2018 14:58

Instrument :

MSVOA_D

ClientSampleId :

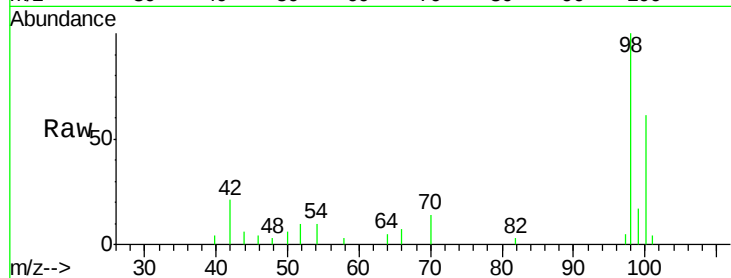
SB-41(0-5)RE

Tot Ion: 98 Resp: 30722

Ion Ratio Lower Upper

98 100

100 60.8 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD

8.72

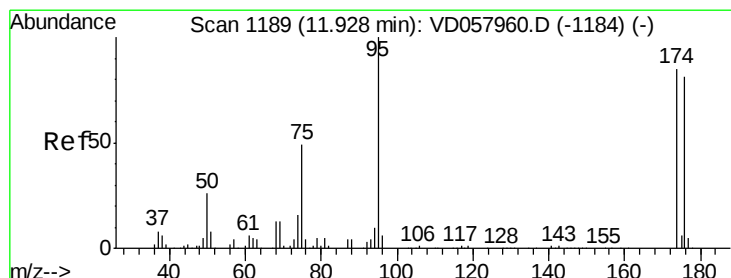
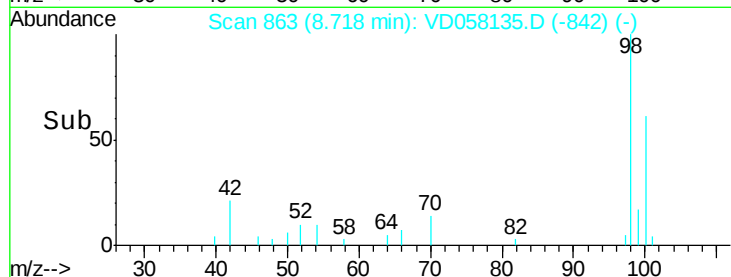
15000

10000

5000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058135.D

Acq: 14 Jun 2018 14:58

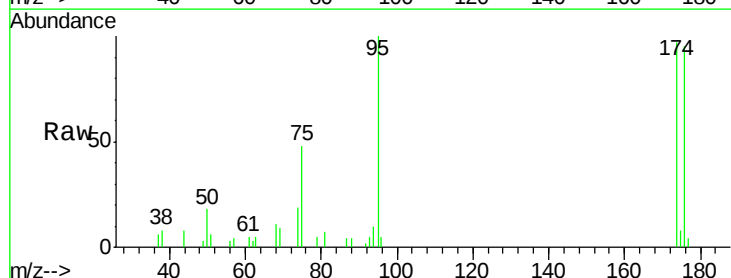
Tgt Ion: 95 Resp: 15927

Ion Ratio Lower Upper

95 100

174 97.2 0.0 169.4

176 94.9 0.0 162.6



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

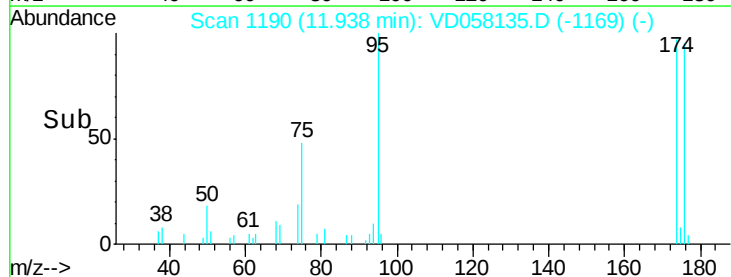
15000

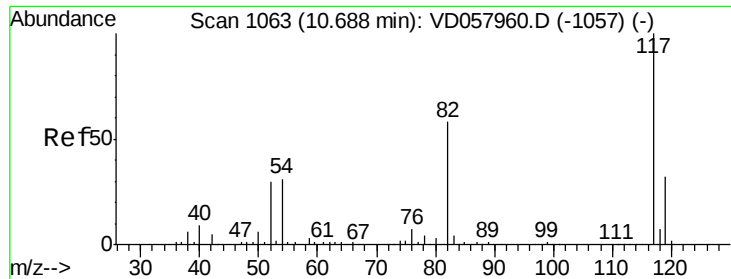
10000

5000

0

Time--> 11.85 11.90 11.95 12.00

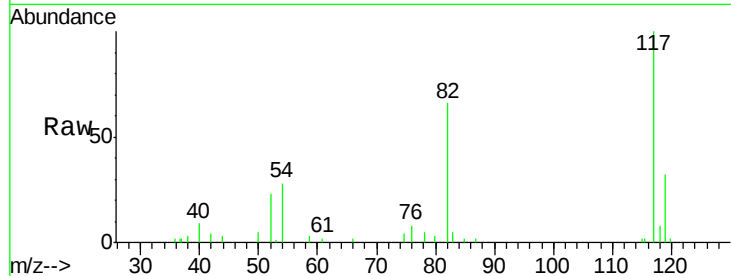




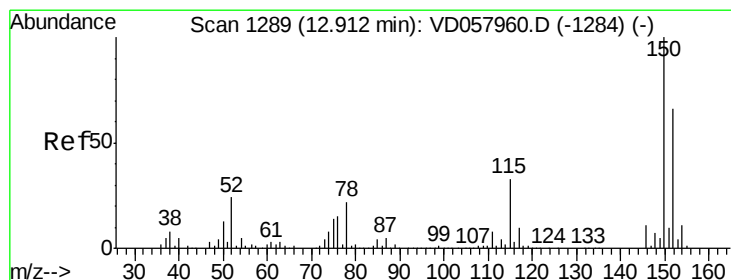
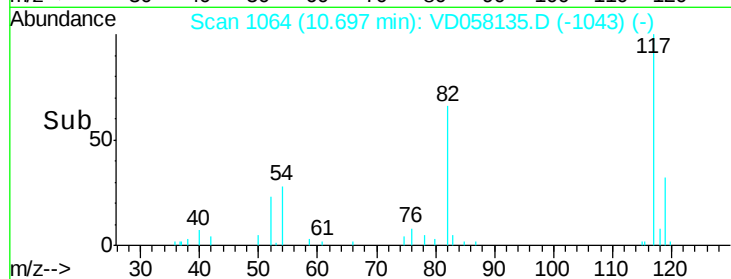
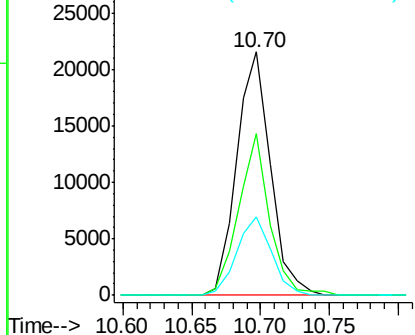
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058135.D
Acq: 14 Jun 2018 14:58

Instrument :
MSVOA_D
ClientSampleId :
SB-41(0-5)RE

Tot Ion:117 Resp: 36775
Ion Ratio Lower Upper
117 100
82 66.5 46.8 70.2
119 32.5 25.8 38.6

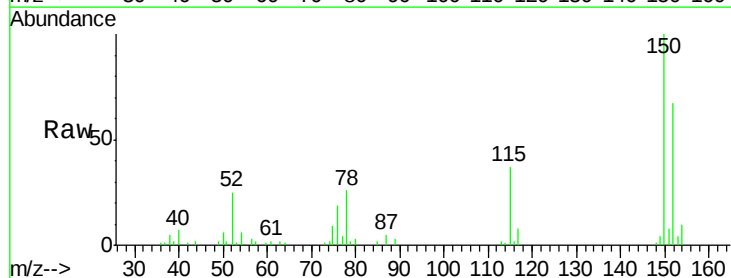


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058135.D
Acq: 14 Jun 2018 14:58

Tgt Ion:152 Resp: 23549
Ion Ratio Lower Upper
152 100
115 55.3 25.6 76.6
150 148.7 0.0 306.8



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

