

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059853.D
 Acq On : 21 Aug 2018 14:00
 Operator : JC/SY
 Sample : J4511-08
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081518-FL-030

Quant Time: Aug 22 01:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	875906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.65	114	1218226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	923163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	390165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.97	65	413246	58.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.90%	
35) Dibromofluoromethane	5.51	113	557204	61.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.68%	
50) Toluene-d8	8.67	98	1482620	61.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.04%	
62) 4-Bromofluorobenzene	11.91	95	509196	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	

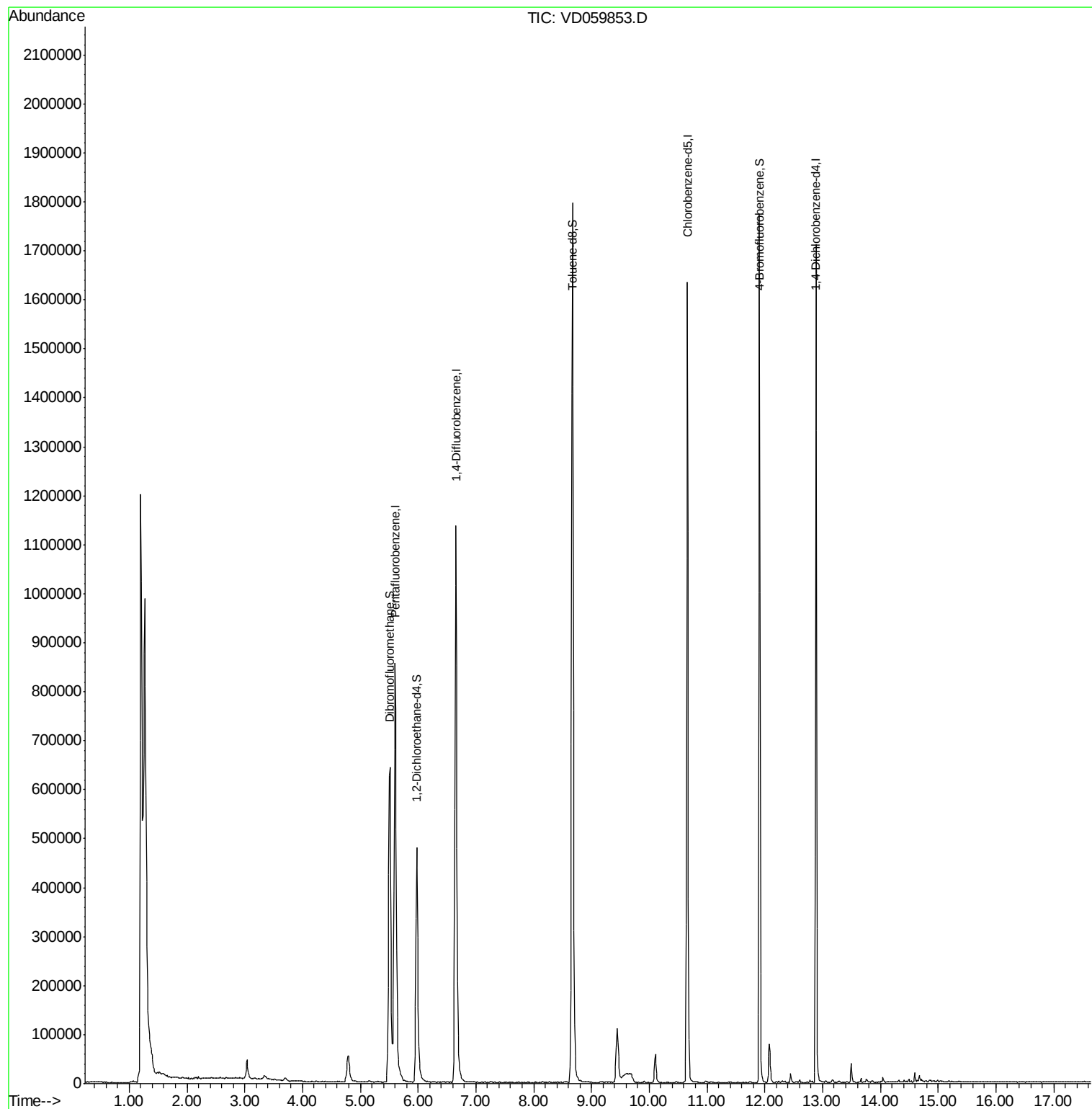
Target Compounds	Qvalue

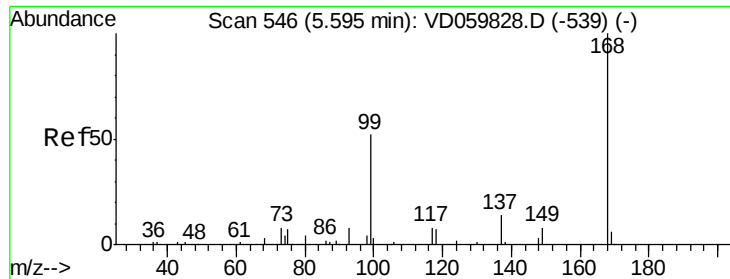
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.01 min

Lab File: VD059853.D

Acq: 21 Aug 2018 14:00

Instrument :

MSVOA_D

ClientSampleId :

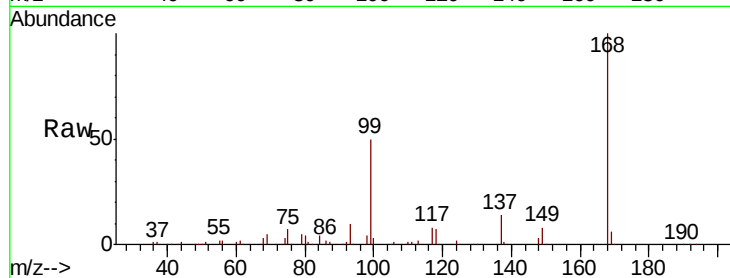
RA-081518-FL-030

Tot Ion:168 Resp: 875906

Ion Ratio Lower Upper

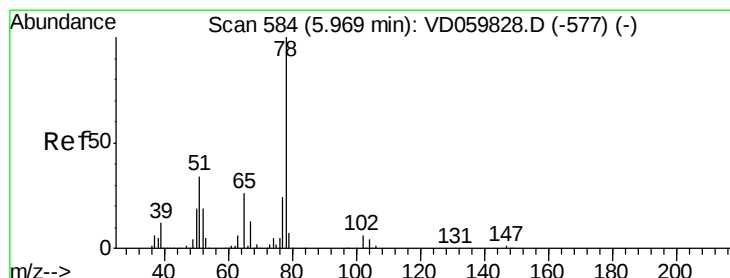
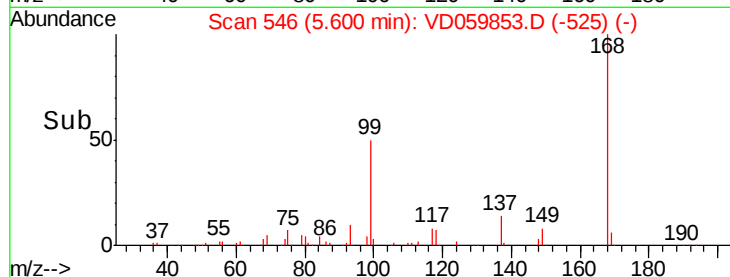
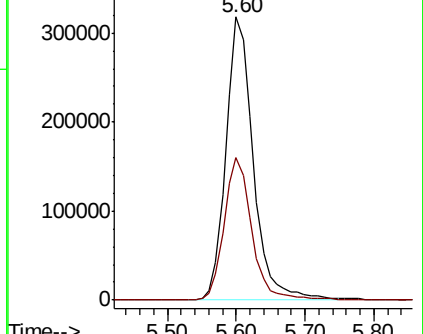
168 100

99 50.3 43.6 65.4



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: 5.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VD059853.D

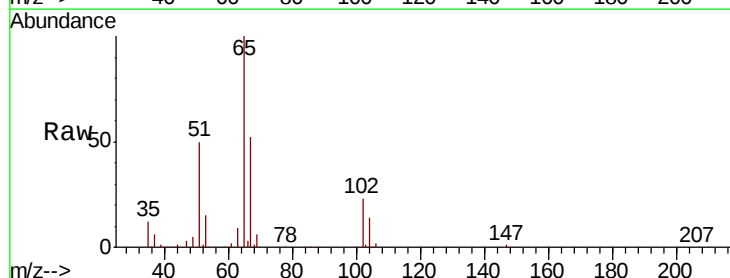
Acq: 21 Aug 2018 14:00

Tgt Ion: 65 Resp: 413246

Ion Ratio Lower Upper

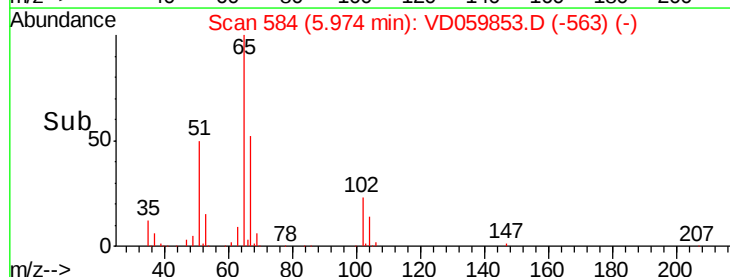
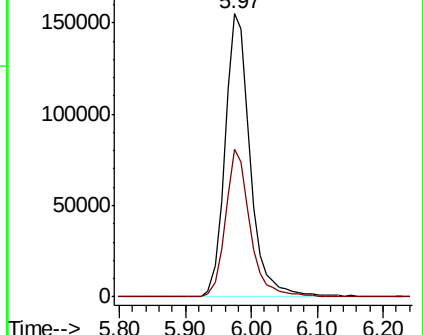
65 100

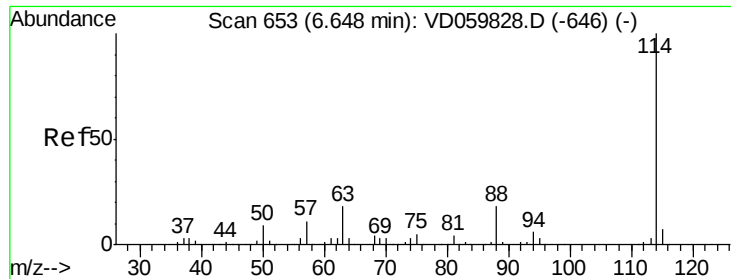
67 52.4 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

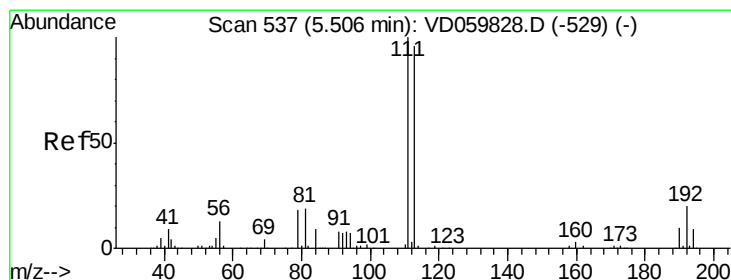
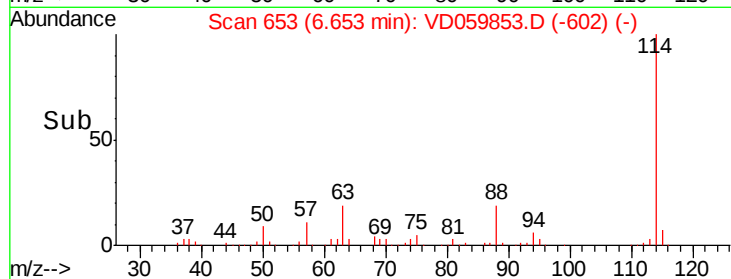
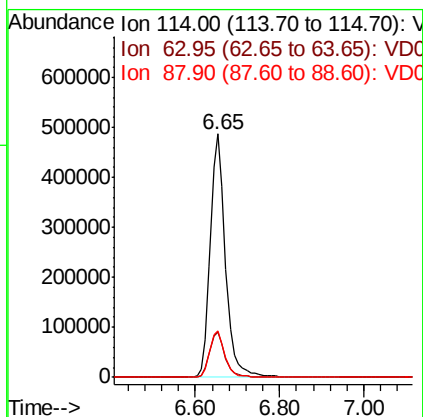
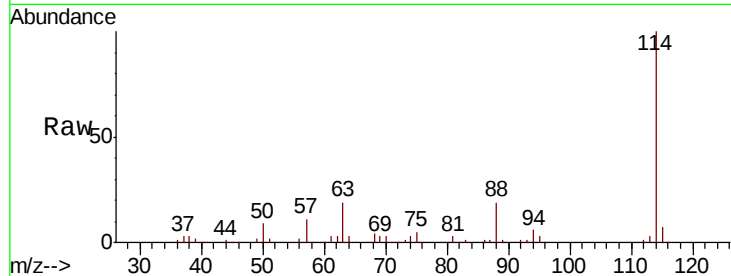




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.65 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: VD059853.D
 Acq: 21 Aug 2018 14:00

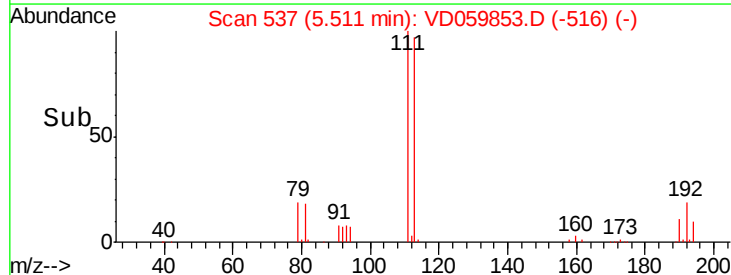
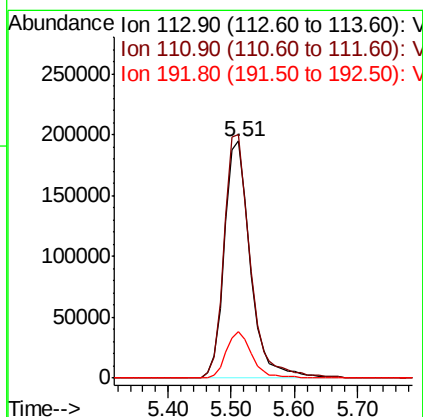
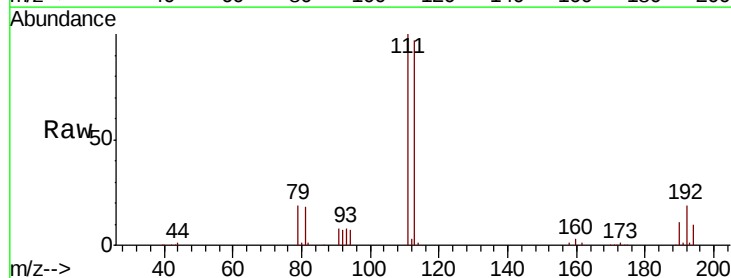
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081518-FL-030

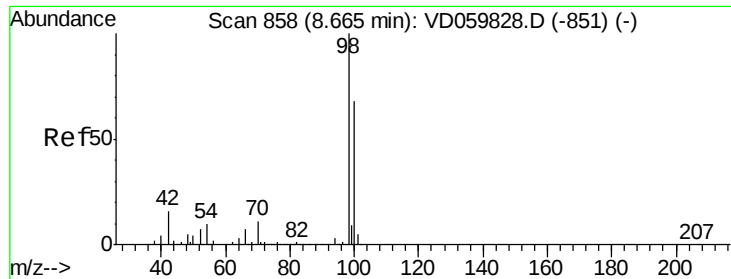
Tot Ion:114 Resp: 1218226
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 19.1 0.0 37.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VD059853.D
 Acq: 21 Aug 2018 14:00

Tgt Ion:113 Resp: 557204
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.3 124.9
 192 19.7 16.8 25.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.67 min Scan# 858

Delta R.T. 0.01 min

Lab File: VD059853.D

Acq: 21 Aug 2018 14:00

Instrument :

MSVOA_D

ClientSampleId :

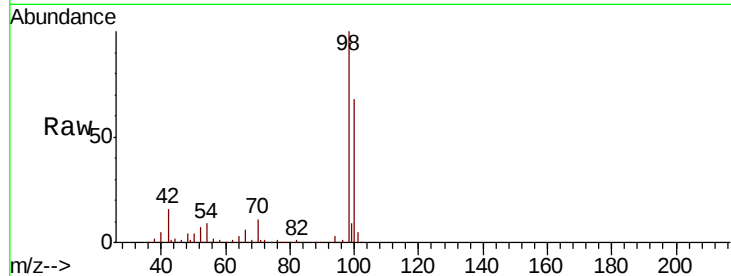
RA-081518-FL-030

Tot Ion: 98 Resp: 1482620

Ion Ratio Lower Upper

98 100

100 68.1 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.67

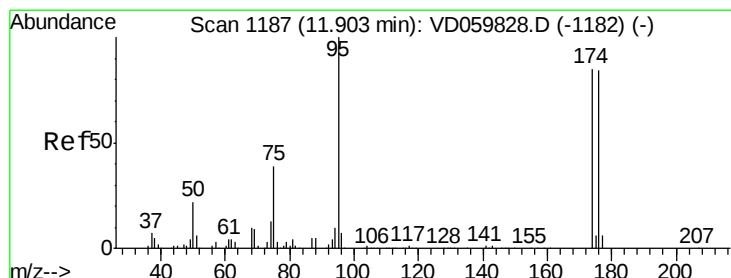
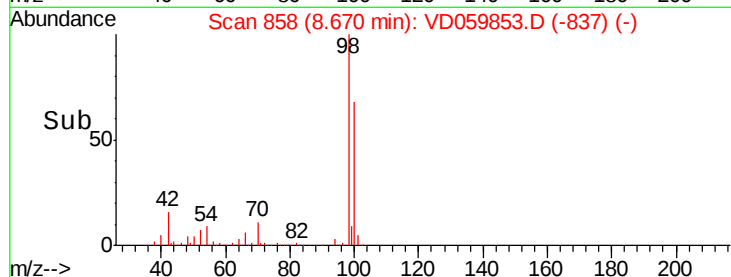
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1187

Delta R.T. 0.01 min

Lab File: VD059853.D

Acq: 21 Aug 2018 14:00

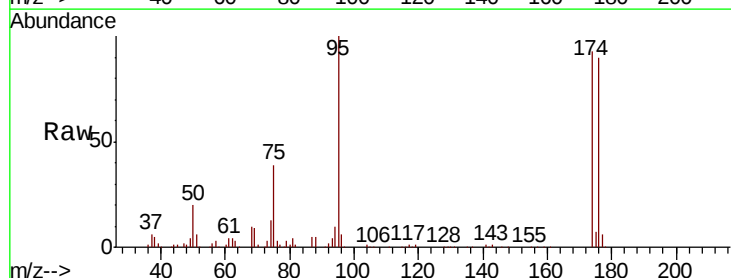
Tgt Ion: 95 Resp: 509196

Ion Ratio Lower Upper

95 100

174 92.9 0.0 169.2

176 90.0 0.0 168.0



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

11.91

500000

400000

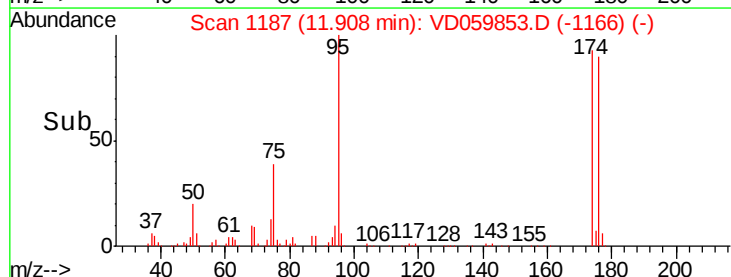
300000

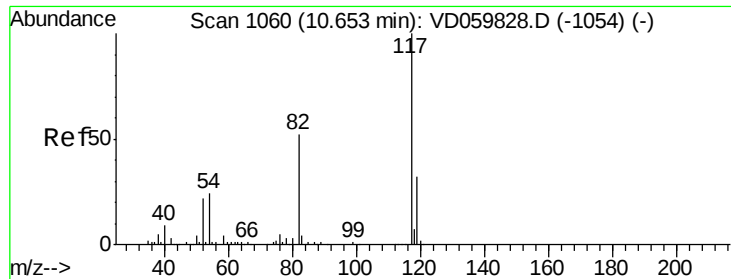
200000

100000

0

Time--> 11.80 11.90 12.00 12.10

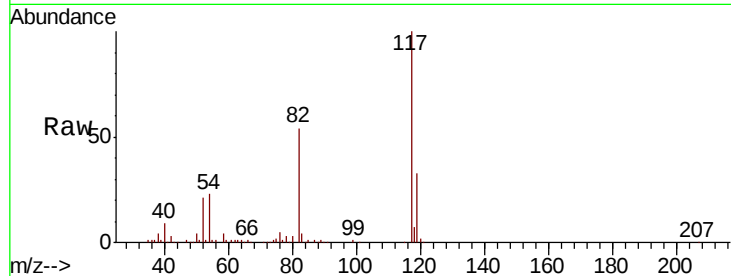




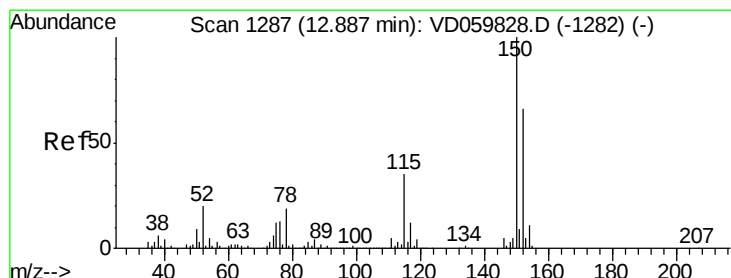
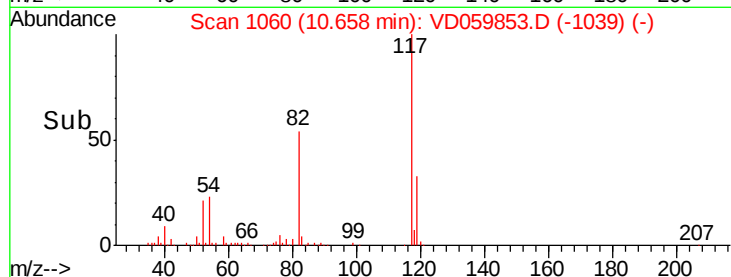
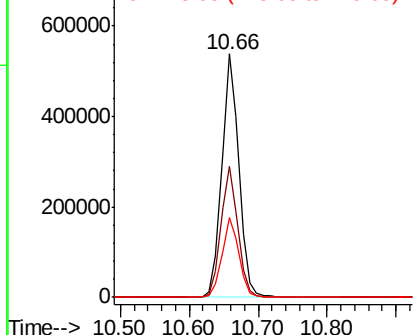
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VD059853.D
Acq: 21 Aug 2018 14:00

Instrument :
MSVOA_D
ClientSampleId :
RA-081518-FL-030

Tot Ion:117 Resp: 923163
Ion Ratio Lower Upper
117 100
82 53.8 41.6 62.4
119 32.8 25.6 38.4

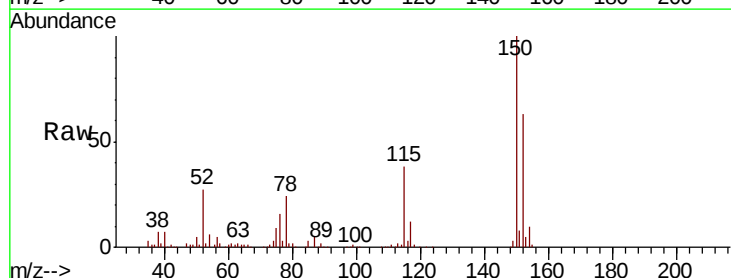


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.88 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VD059853.D
Acq: 21 Aug 2018 14:00

Tgt Ion:152 Resp: 390165
Ion Ratio Lower Upper
152 100
115 59.4 26.9 80.6
150 158.1 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

