

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059864.D
 Acq On : 21 Aug 2018 19:12
 Operator : JC/SY
 Sample : J4559-02
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-FL-046

Quant Time: Aug 22 01:55:34 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	1002667	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	1386548	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.66	117	1063337	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	459805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.98	65	463233	57.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	5.52	113	595194	58.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	116.06%	
50) Toluene-d8	8.68	98	1488465	53.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	11.91	95	526522	49.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.24%	

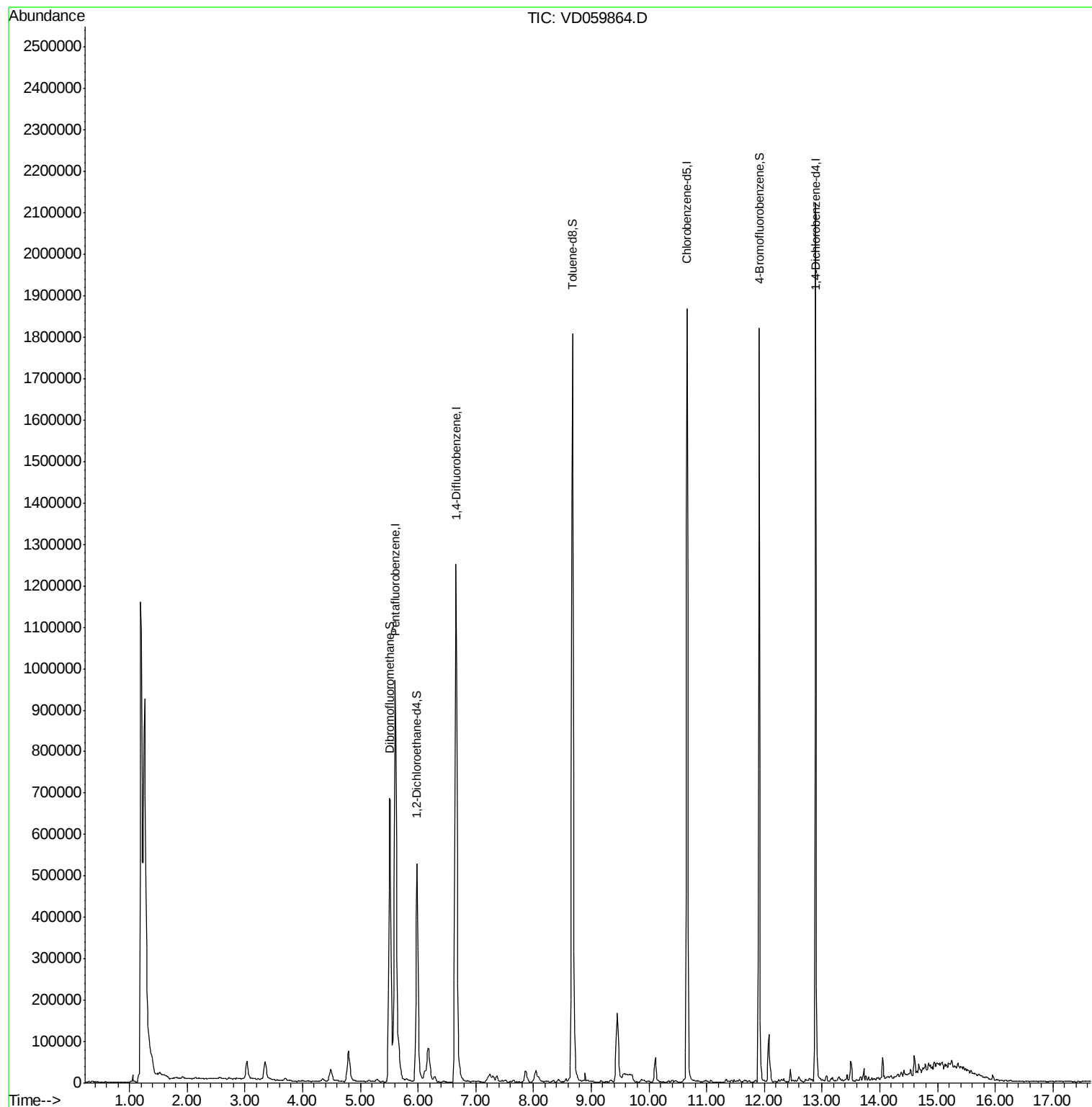
Target Compounds	Qvalue
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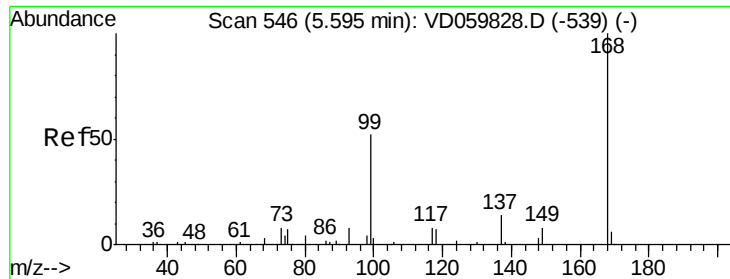
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 04:40:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.60 min Scan# 547

Delta R.T. 0.01 min

Lab File: VD059864.D

Acq: 21 Aug 2018 19:12

Instrument :

MSVOA_D

ClientSampleId :

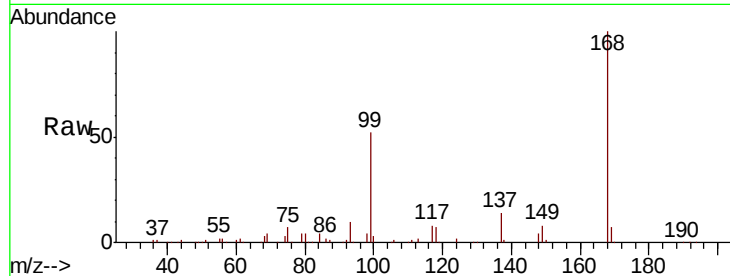
RA-081718-FL-046

Tot Ion:168 Resp: 1002667

Ion Ratio Lower Upper

168 100

99 51.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.60

400000

300000

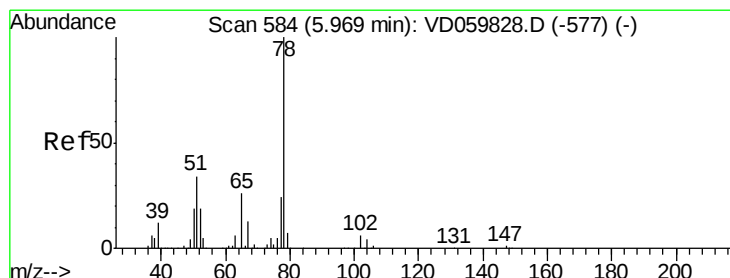
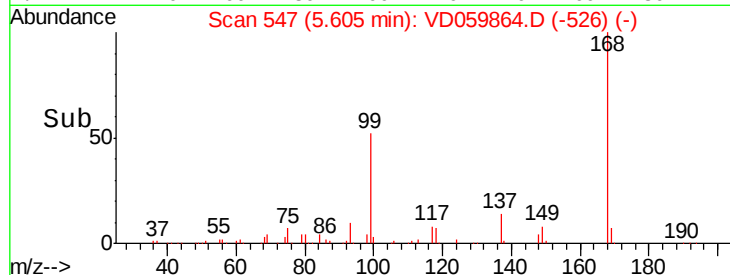
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD059864.D

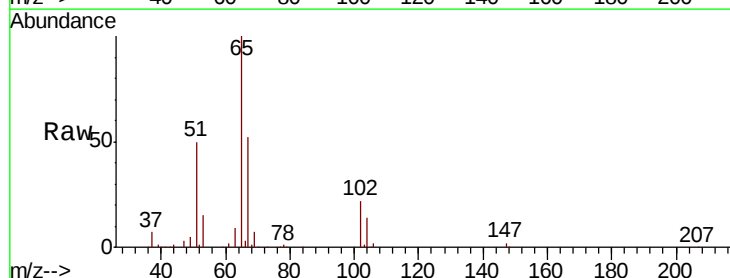
Acq: 21 Aug 2018 19:12

Tgt Ion: 65 Resp: 463233

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.98

200000

150000

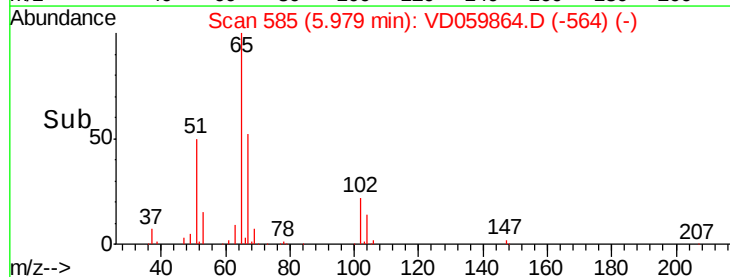
100000

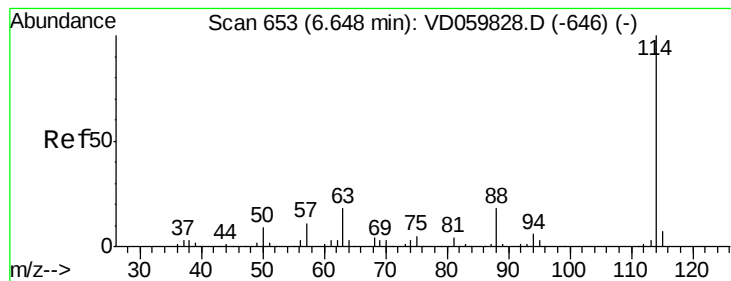
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.66 min Scan# 654

Delta R.T. 0.01 min

Lab File: VD059864.D

Acq: 21 Aug 2018 19:12

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-FL-046

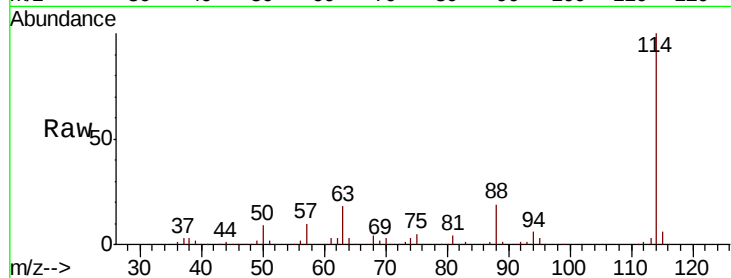
Tot Ion:114 Resp: 1386548

Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.0

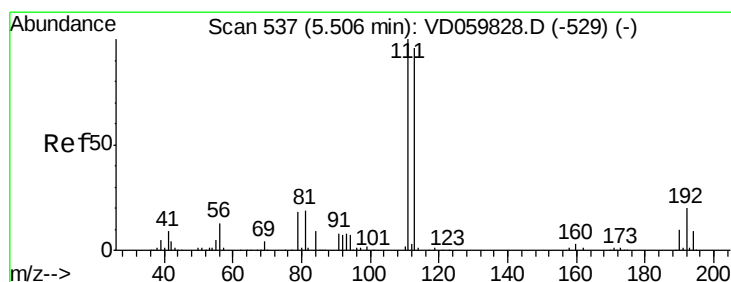
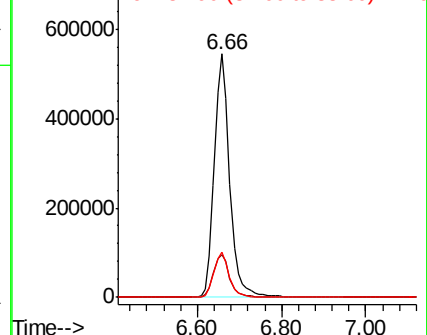
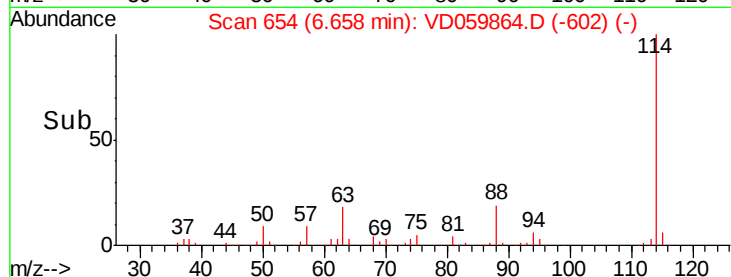
88 18.7 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD059864.D

Acq: 21 Aug 2018 19:12

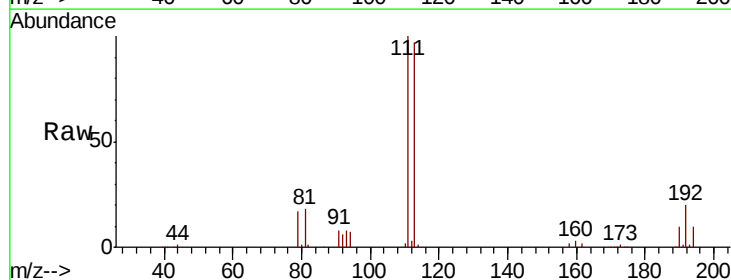
Tgt Ion:113 Resp: 595194

Ion Ratio Lower Upper

113 100

111 102.8 83.3 124.9

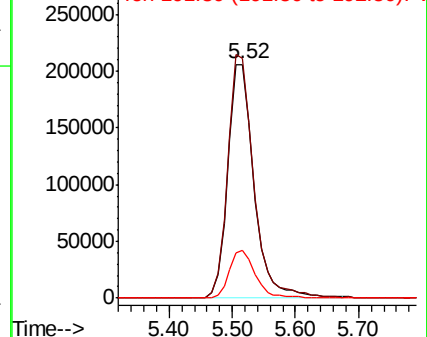
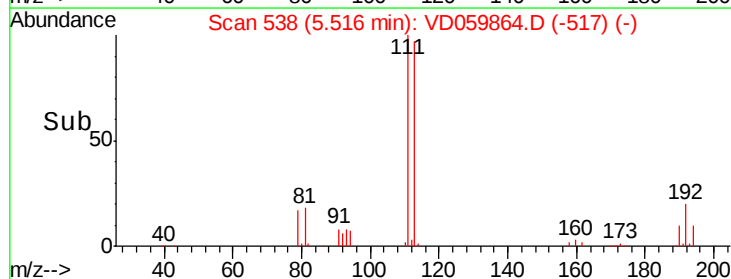
192 20.3 16.8 25.2

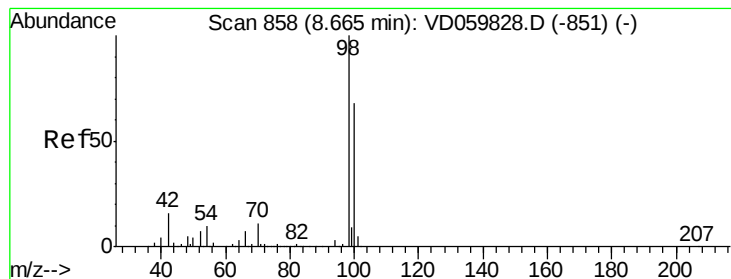


Abundance Ion 112.90 (112.60 to 113.60): V

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: 8.68 min Scan# 859

Delta R.T. 0.01 min

Lab File: VD059864.D

Acq: 21 Aug 2018 19:12

Instrument :

MSVOA_D

ClientSampleId :

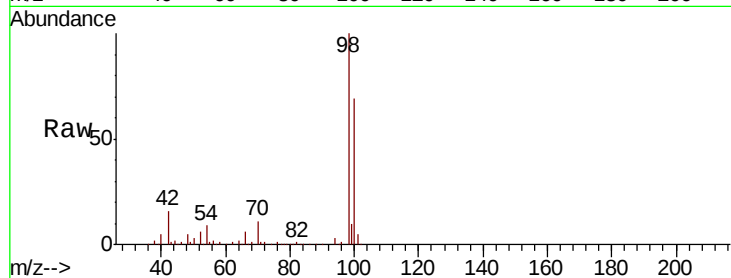
RA-081718-FL-046

Tot Ion: 98 Resp: 1488465

Ion Ratio Lower Upper

98 100

100 69.2 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.68

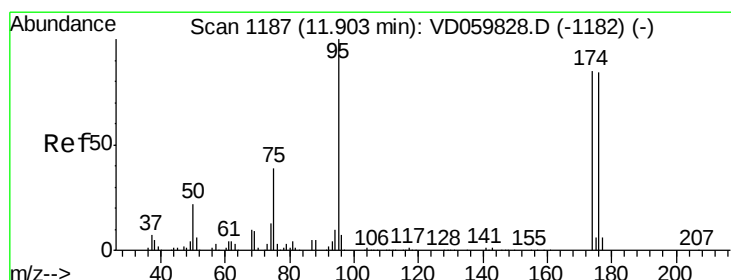
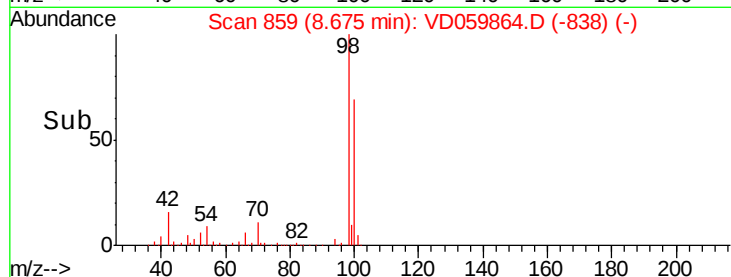
600000

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# 1188

Delta R.T. 0.01 min

Lab File: VD059864.D

Acq: 21 Aug 2018 19:12

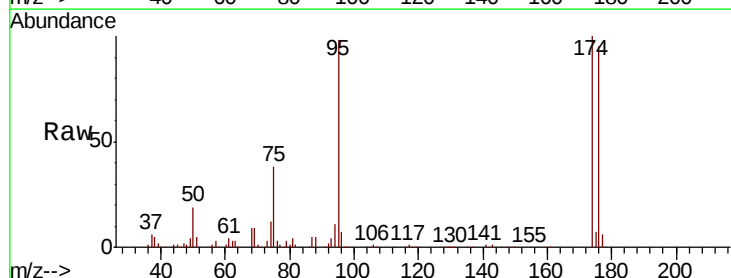
Tgt Ion: 95 Resp: 526522

Ion Ratio Lower Upper

95 100

174 101.6 0.0 169.2

176 96.8 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

500000

400000

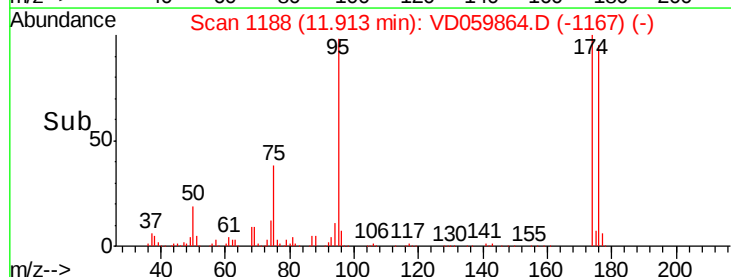
300000

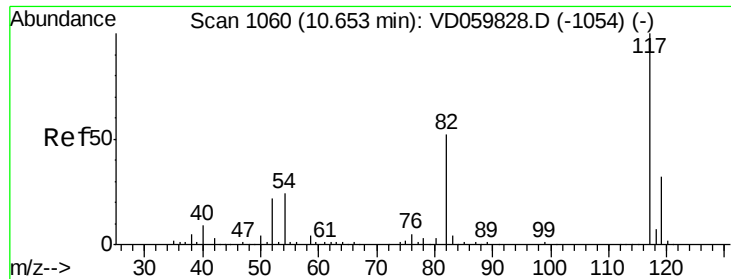
200000

100000

0

Time--> 11.80 11.90 12.00

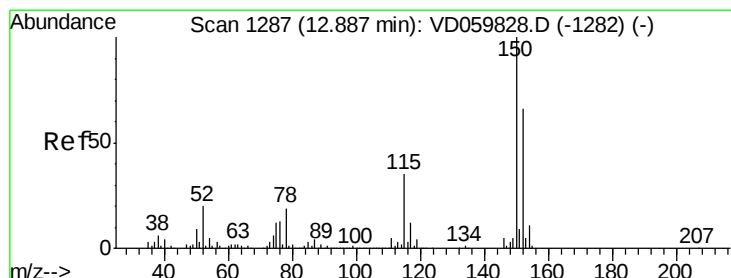
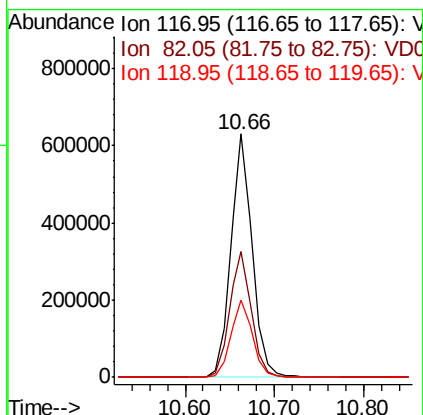
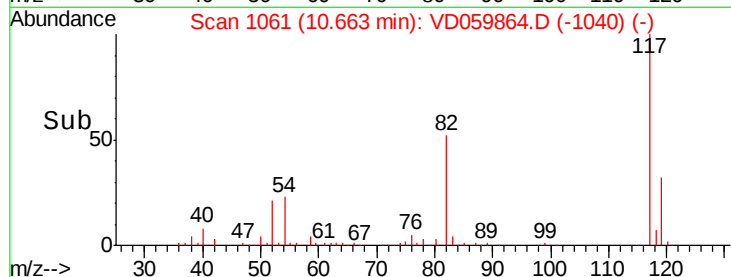
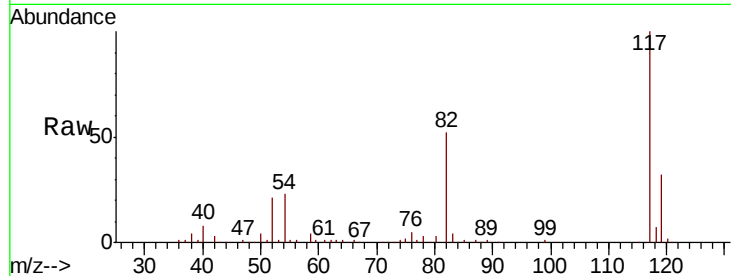




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059864.D
Acq: 21 Aug 2018 19:12

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-FL-046

Tot Ion:117 Resp: 1063337
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059864.D
Acq: 21 Aug 2018 19:12

Tgt Ion:152 Resp: 459805
Ion Ratio Lower Upper
152 100
115 56.9 26.9 80.6
150 153.7 0.0 306.8

