

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059846.D
 Acq On : 20 Aug 2018 22:29
 Operator : JC/SY
 Sample : J4511-08
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 21 06:05:16 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	5.59	168	517984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.65	114	793111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.65	117	614791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	278851	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.97	65	334718	80.74	ug/l	0.00
Spiked Amount			Recovery	=	161.48%	
35) Dibromofluoromethane	5.50	113	371840	63.38	ug/l	0.00
Spiked Amount			Recovery	=	126.76%	
50) Toluene-d8	8.67	98	836333	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.90	95	309394	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	

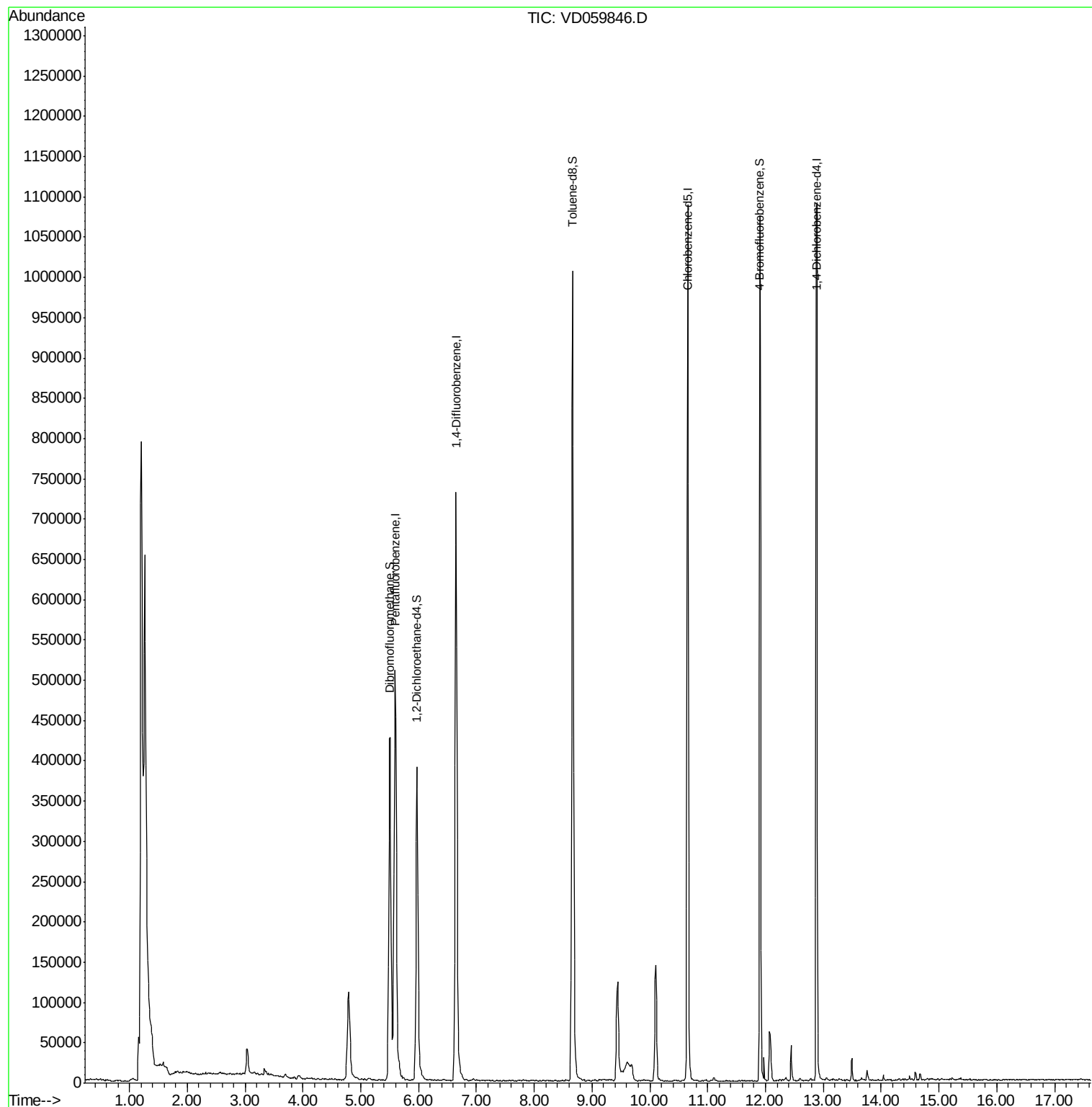
Target Compounds	Qvalue
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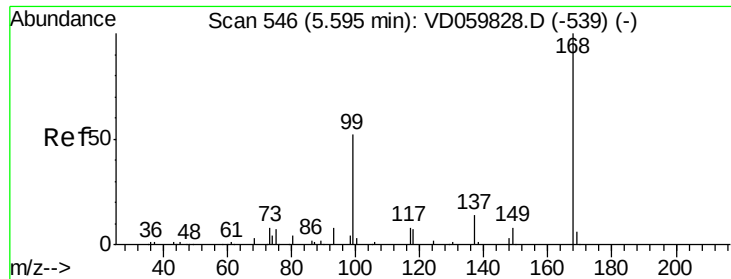
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082018\
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Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.59 min Scan# 546

Delta R.T. 0.00 min

Lab File: VD059846.D

Acq: 20 Aug 2018 22:29

Instrument :

MSVOA_D

ClientSampleId :

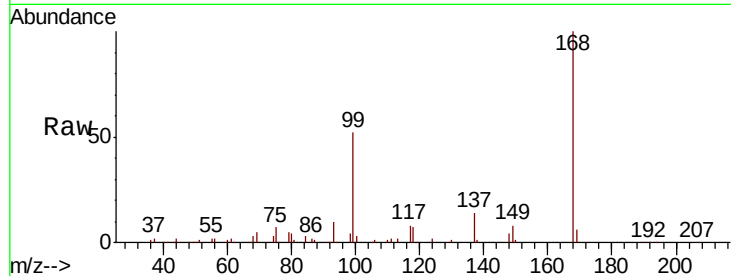
RA-081518-FL-030

Tot Ion:168 Resp: 517984

Ion Ratio Lower Upper

168 100

99 51.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.59

200000

150000

100000

50000

0

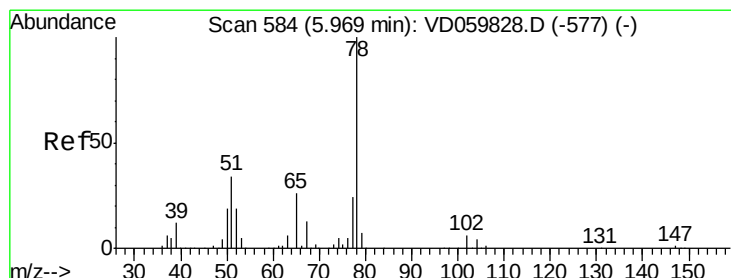
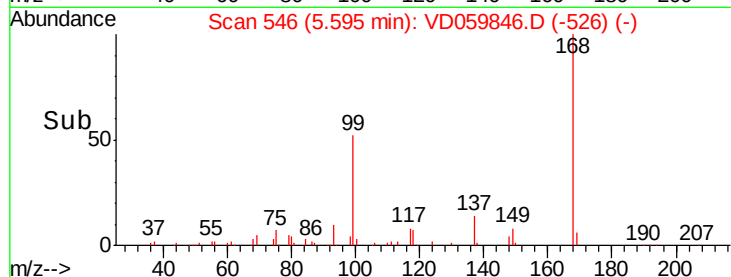
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VD059846.D

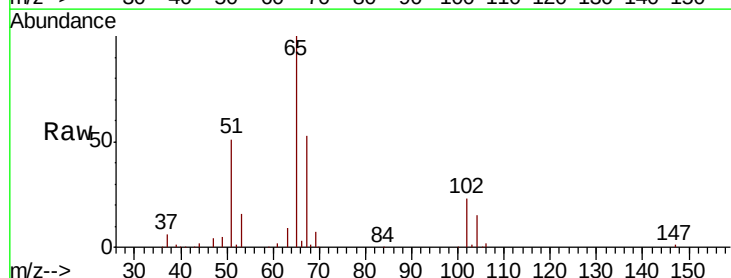
Acq: 20 Aug 2018 22:29

Tgt Ion: 65 Resp: 334718

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

150000

100000

50000

0

Time-->

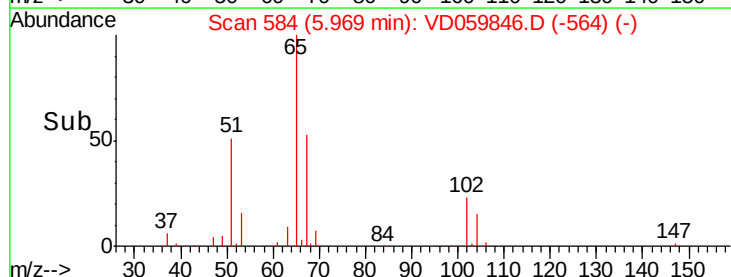
5.80

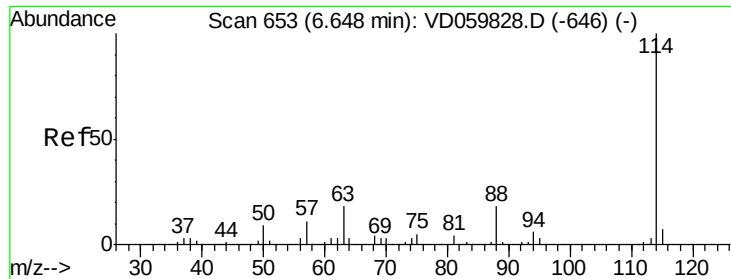
5.90

6.00

6.10

6.20

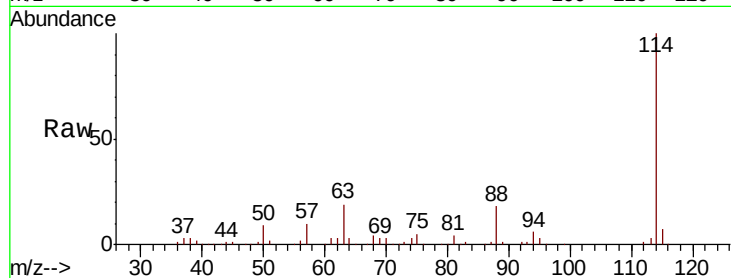




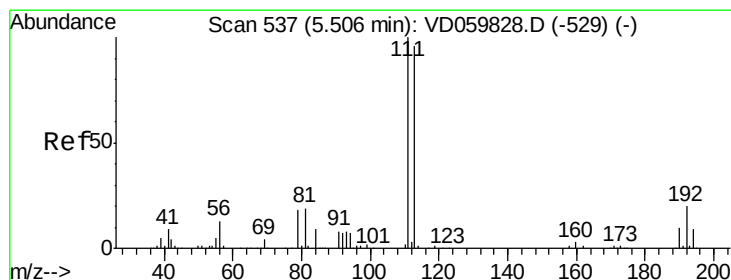
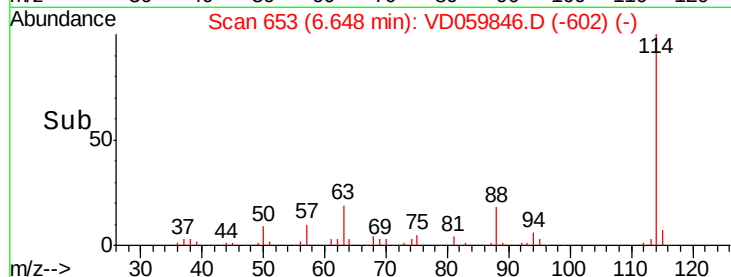
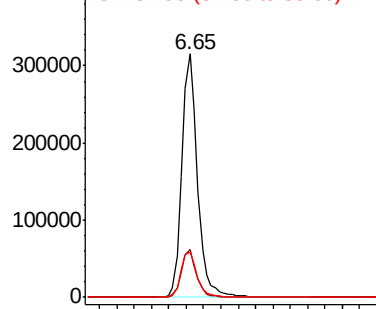
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: VD059846.D
 Acq: 20 Aug 2018 22:29

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

Tot Ion:114 Resp: 793111
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.0
 88 18.4 0.0 37.0

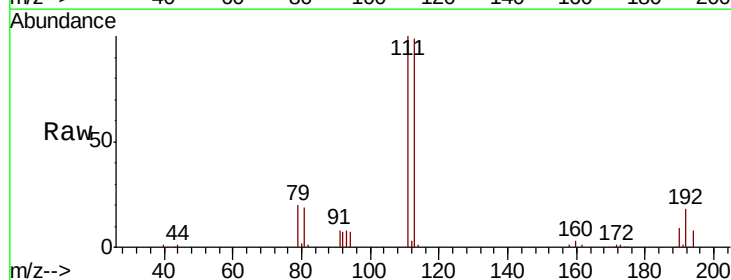


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

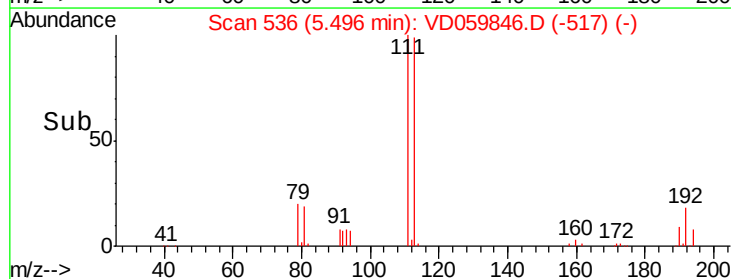
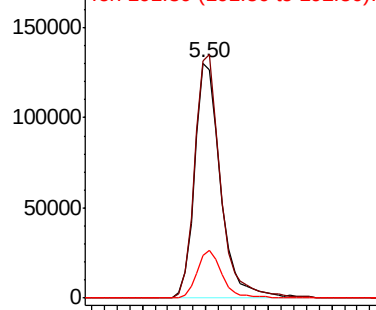


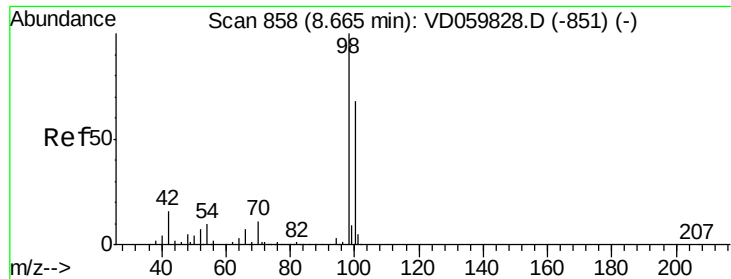
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.50 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VD059846.D
 Acq: 20 Aug 2018 22:29

Tgt Ion:113 Resp: 371840
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.3 124.9
 192 18.0 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: 8.67 min Scan# 858

Delta R.T. 0.00 min

Lab File: VD059846.D

Acq: 20 Aug 2018 22:29

Instrument :

MSVOA_D

ClientSampleId :

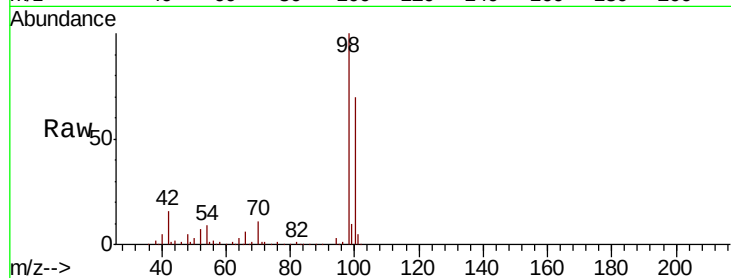
RA-081518-FL-030

Tot Ion: 98 Resp: 836333

Ion Ratio Lower Upper

98 100

100 69.5 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

400000

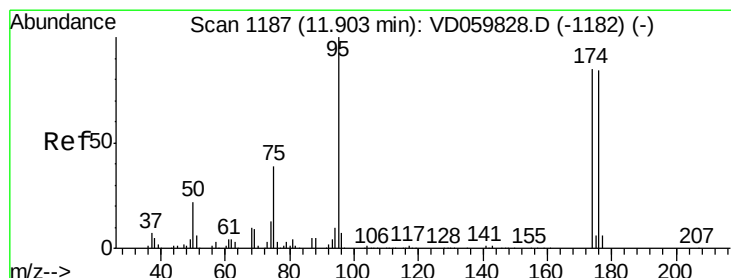
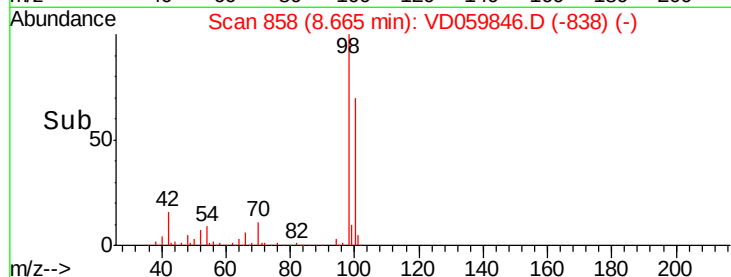
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.90 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059846.D

Acq: 20 Aug 2018 22:29

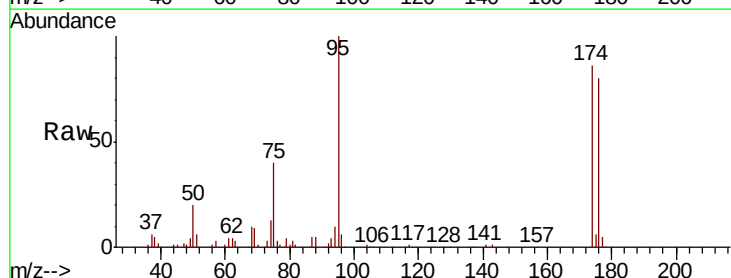
Tgt Ion: 95 Resp: 309394

Ion Ratio Lower Upper

95 100

174 85.5 0.0 169.2

176 80.4 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

11.90

300000

250000

200000

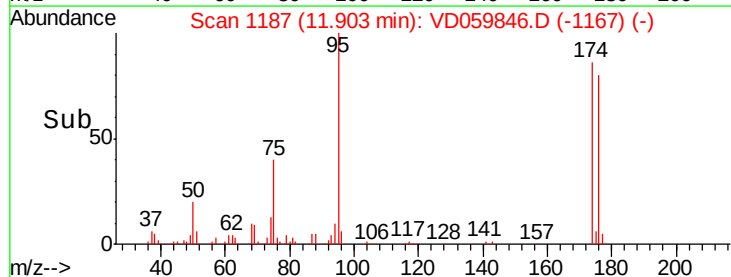
150000

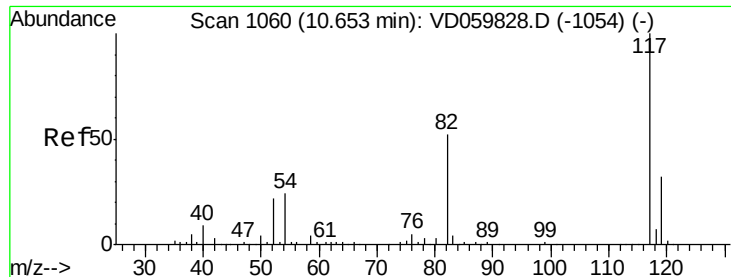
100000

50000

0

Time--> 11.80 11.90 12.00

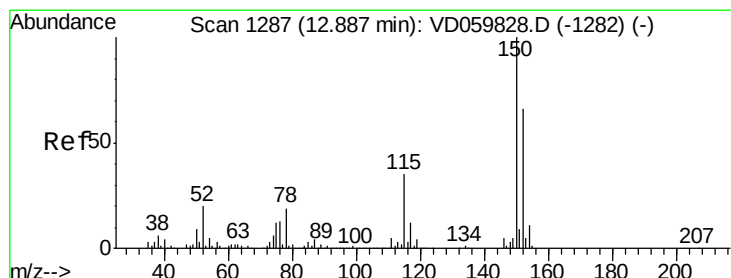
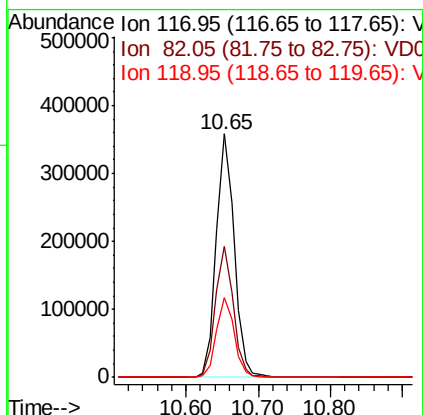
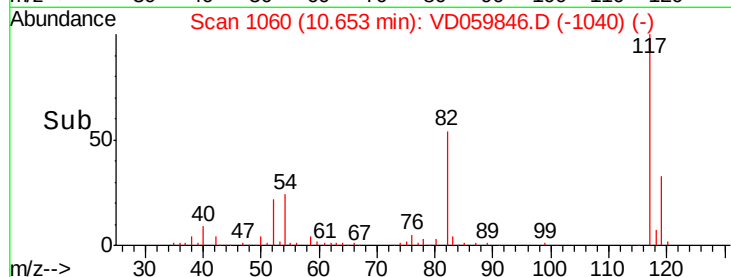
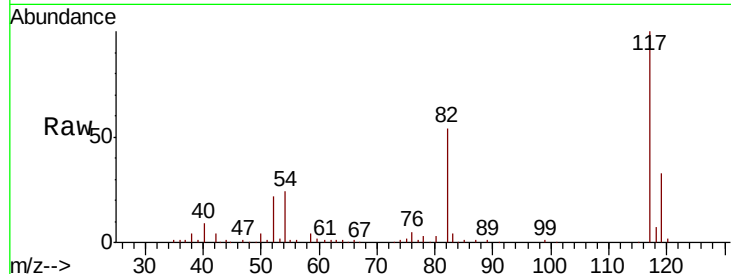




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.65 min Scan# 1060
Delta R.T. 0.00 min
Lab File: VD059846.D
Acq: 20 Aug 2018 22:29

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

Tot Ion:117 Resp: 614791
Ion Ratio Lower Upper
117 100
82 53.8 41.6 62.4
119 32.6 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: VD059846.D
Acq: 20 Aug 2018 22:29

Tgt Ion:152 Resp: 278851
Ion Ratio Lower Upper
152 100
115 48.6 26.9 80.6
150 149.8 0.0 306.8

