

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059843.D
 Acq On : 20 Aug 2018 21:04
 Operator : JC/SY
 Sample : J4511-03
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081418-ESW-15NSC-025

Quant Time: Aug 21 05:59:19 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	5.61	168	933709	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	1296762	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.67	117	892083	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	300046	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	385619	51.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	5.51	113	504435	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.68	98	1241298	47.99	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.92	95	387309	39.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	78.04%	

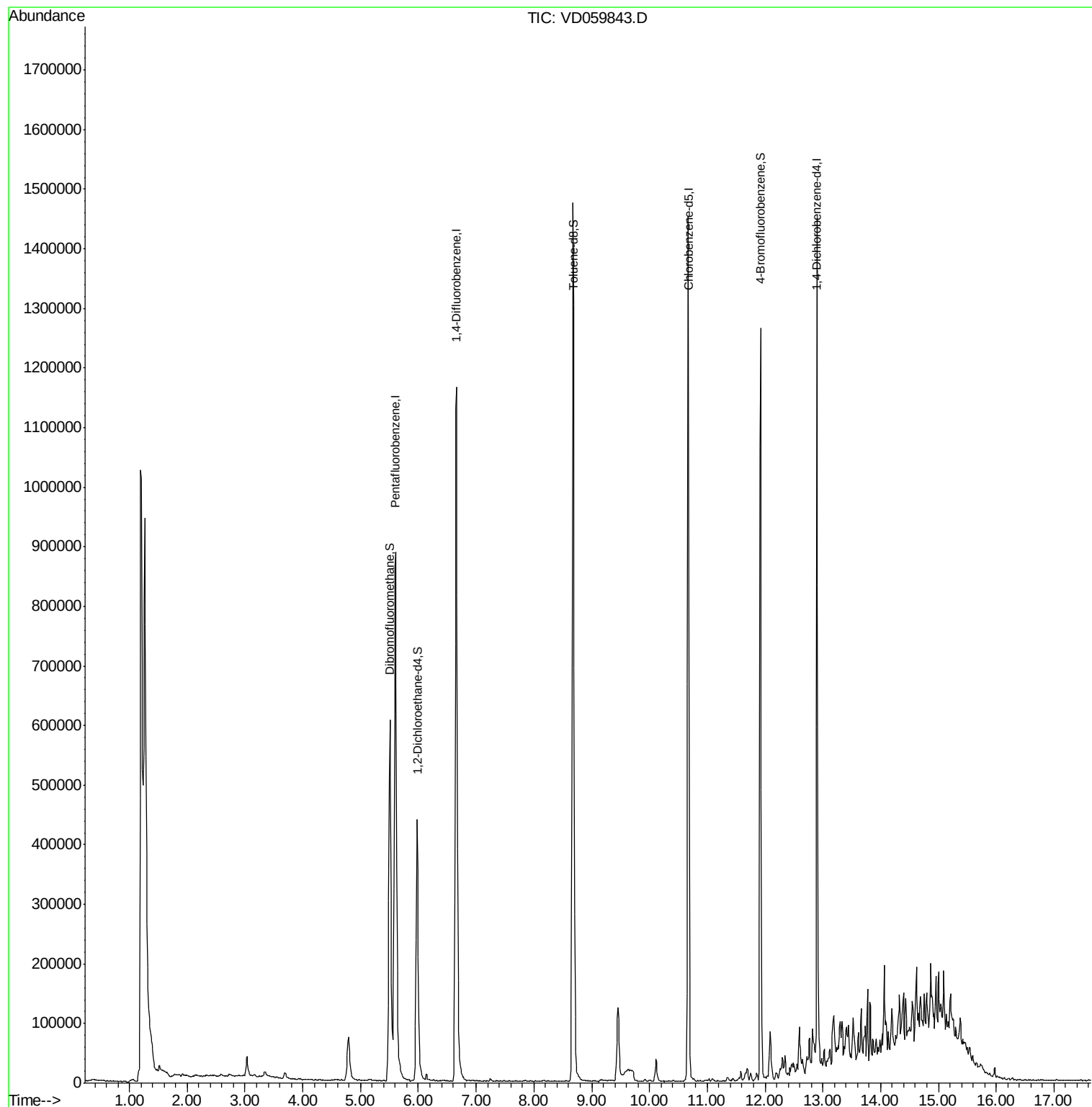
Target Compounds	Qvalue

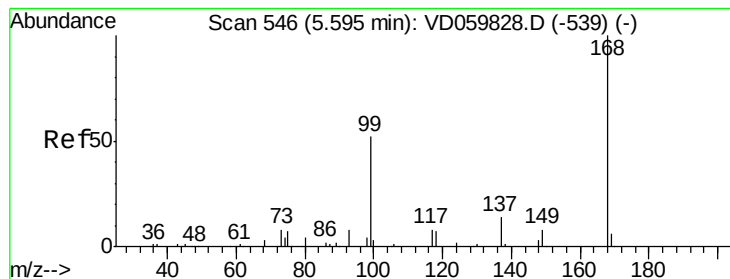
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082018\
Data File : VD059843.D
Acq On : 20 Aug 2018 21:04
Operator : JC/SY
Sample : J4511-03
Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081418-ESW-15NSC-025

Quant Time: Aug 21 05:59:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
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: 5.61 min Scan# 547

Delta R.T. 0.01 min

Lab File: VD059843.D

Acq: 20 Aug 2018 21:04

Instrument :

MSVOA_D

ClientSampleId :

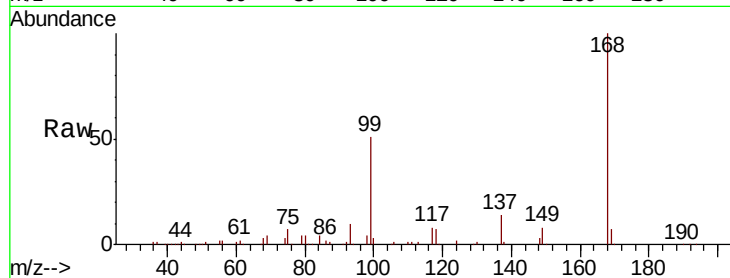
RA-081418-ESW-15NSC-025

Tot Ion:168 Resp: 933709

Ion Ratio Lower Upper

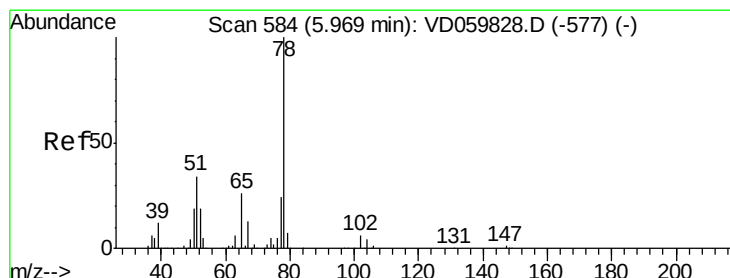
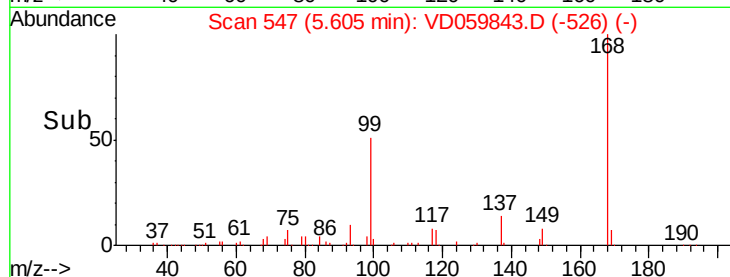
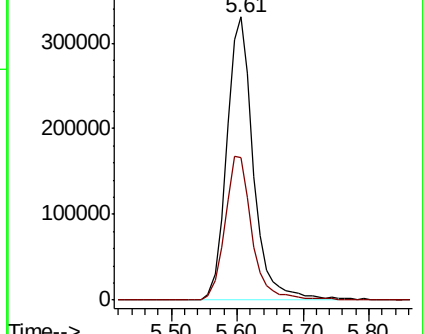
168 100

99 50.5 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: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD059843.D

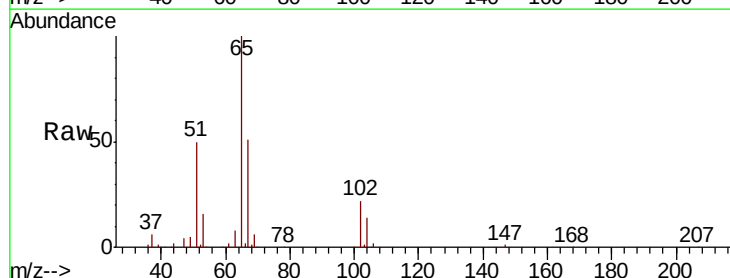
Acq: 20 Aug 2018 21:04

Tgt Ion: 65 Resp: 385619

Ion Ratio Lower Upper

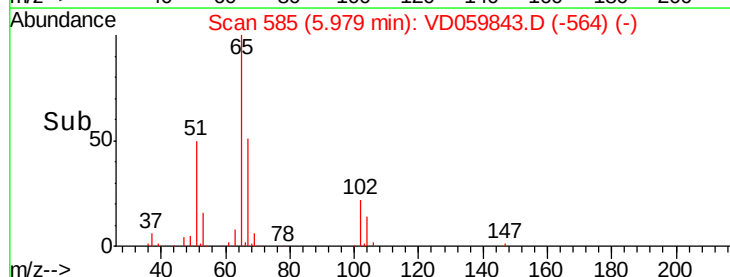
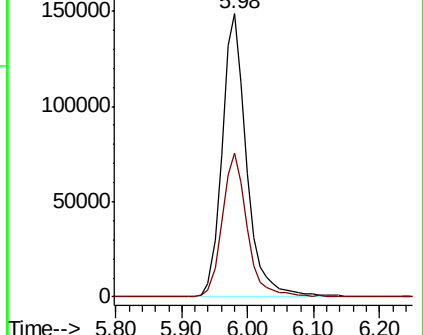
65 100

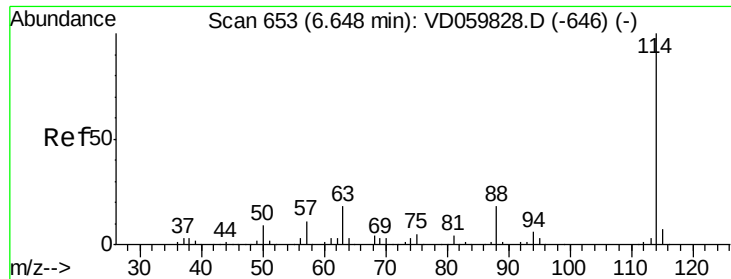
67 50.7 0.0 102.4



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: 6.66 min Scan# 654

Delta R.T. 0.01 min

Lab File: VD059843.D

Acq: 20 Aug 2018 21:04

Instrument :

MSVOA_D

ClientSampleId :

RA-081418-ESW-15NSC-025

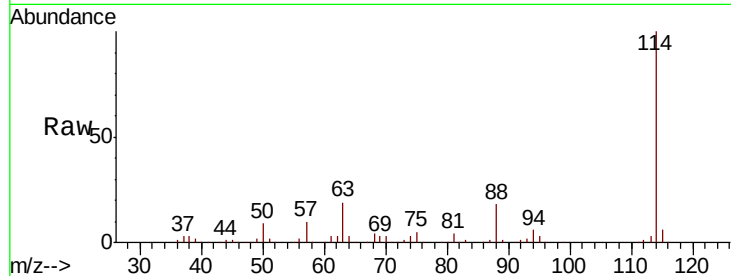
Tot Ion:114 Resp: 1296762

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

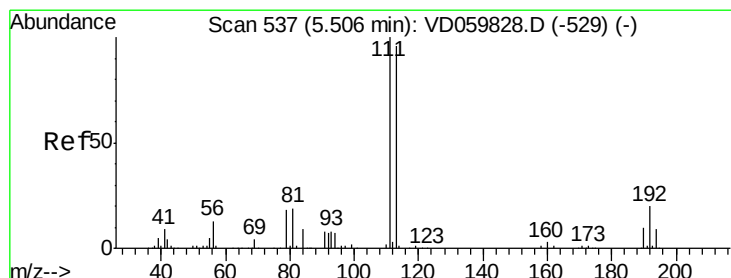
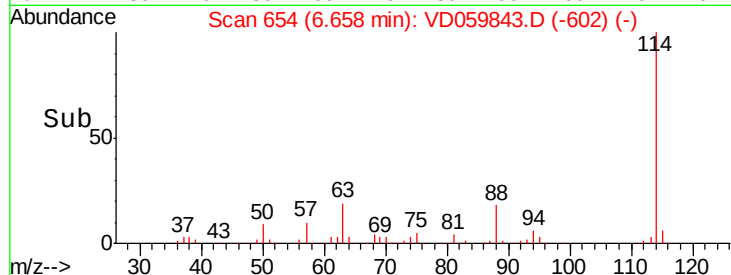
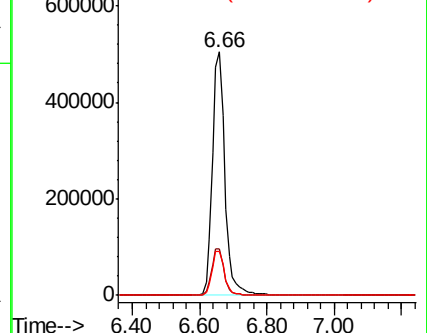
88 18.3 0.0 37.0



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: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059843.D

Acq: 20 Aug 2018 21:04

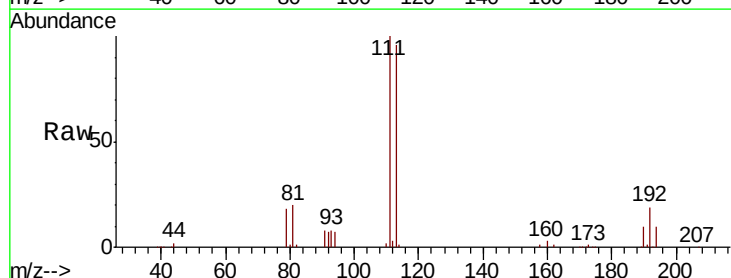
Tgt Ion:113 Resp: 504435

Ion Ratio Lower Upper

113 100

111 104.2 83.3 124.9

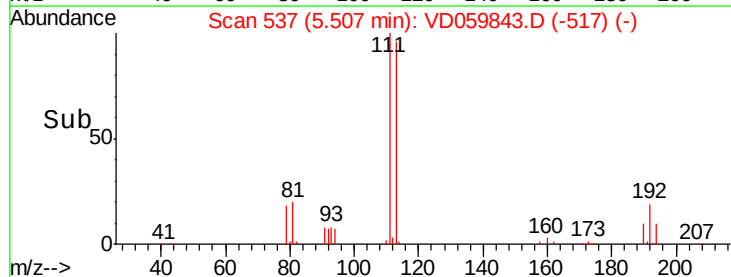
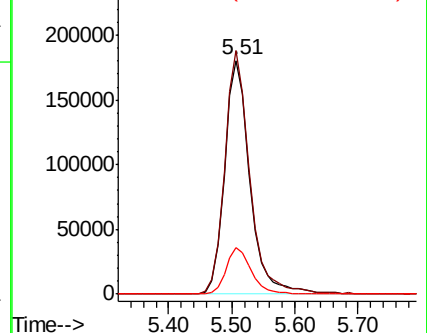
192 19.7 16.8 25.2

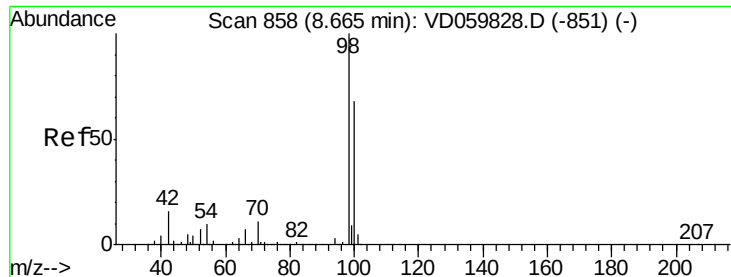


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

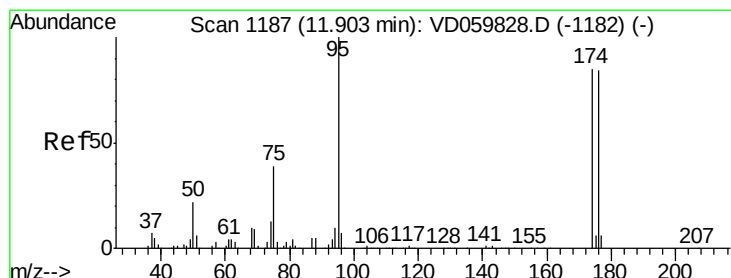
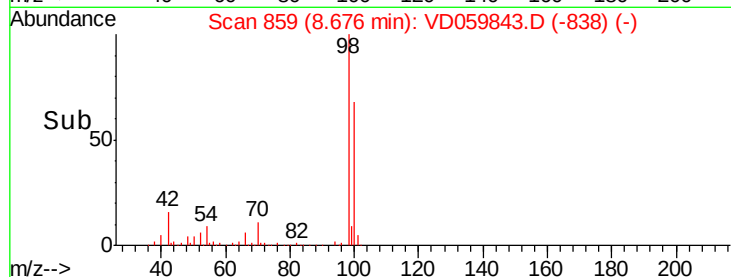
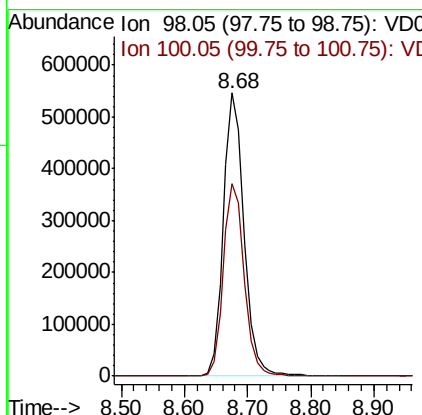
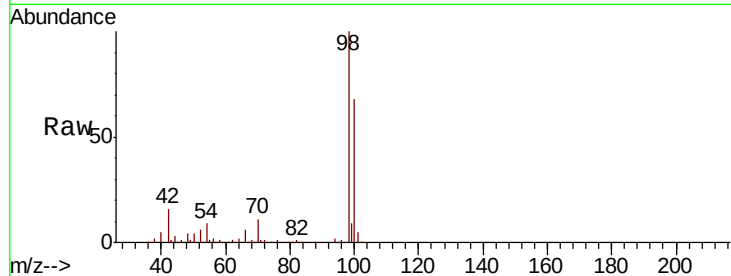




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 859
Delta R.T. 0.01 min
Lab File: VD059843.D
Acq: 20 Aug 2018 21:04

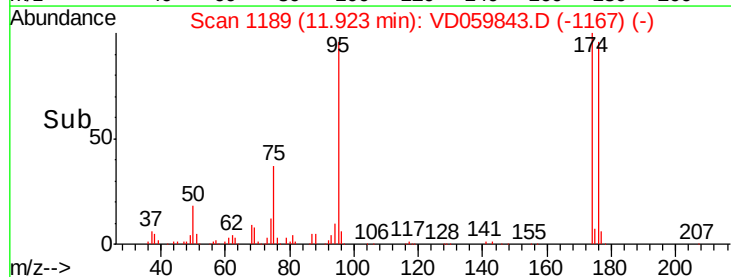
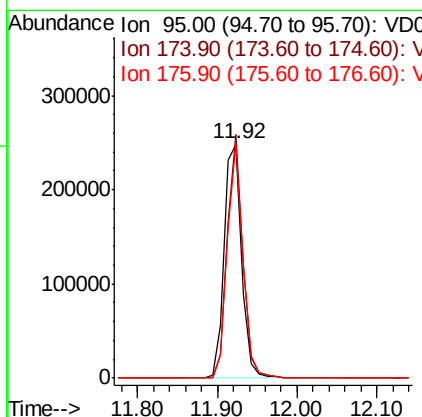
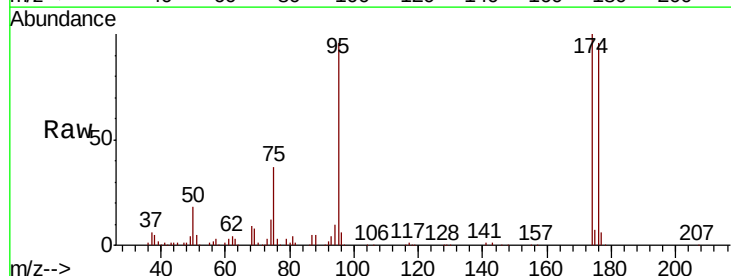
Instrument :
MSVOA_D
ClientSampleId :
RA-081418-ESW-15NSC-025

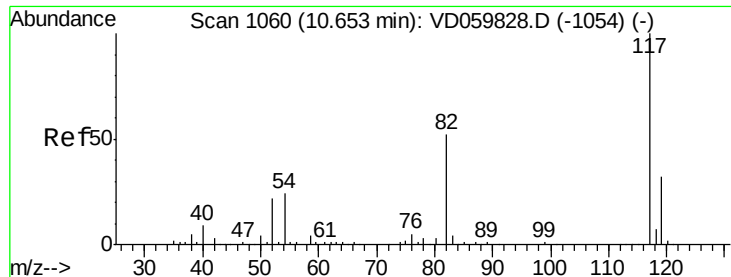
Tot Ion: 98 Resp: 1241298
Ion Ratio Lower Upper
98 100
100 68.0 55.0 82.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.02 min
Lab File: VD059843.D
Acq: 20 Aug 2018 21:04

Tgt Ion: 95 Resp: 387309
Ion Ratio Lower Upper
95 100
174 104.2 0.0 169.2
176 100.3 0.0 168.0

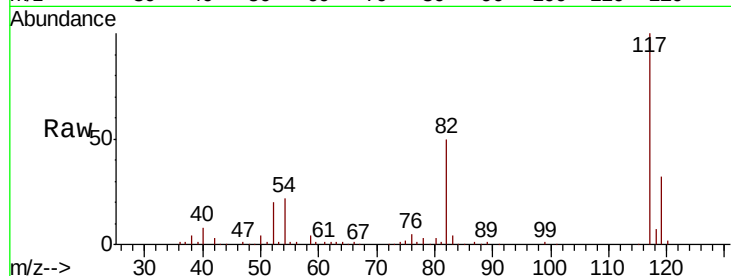




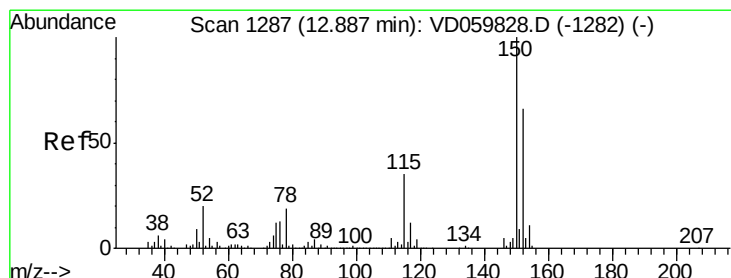
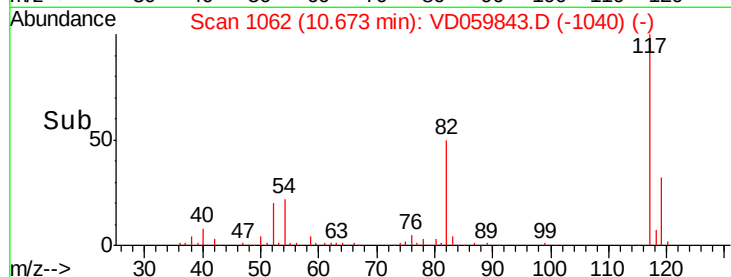
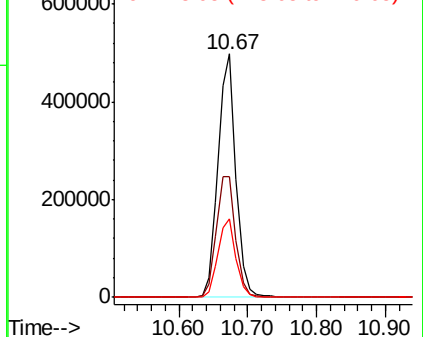
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.02 min
Lab File: VD059843.D
Acq: 20 Aug 2018 21:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081418-ESW-15NSC-025

Tot Ion:117 Resp: 892083
Ion Ratio Lower Upper
117 100
82 49.8 41.6 62.4
119 32.2 25.6 38.4

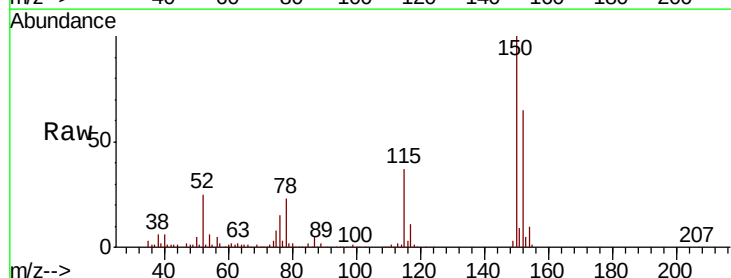


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. 0.01 min
Lab File: VD059843.D
Acq: 20 Aug 2018 21:04

Tgt Ion:152 Resp: 300046
Ion Ratio Lower Upper
152 100
115 56.1 26.9 80.6
150 153.6 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

