

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059859.D
 Acq On : 21 Aug 2018 16:50
 Operator : JC/SY
 Sample : J4535-05
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-ESW-15-037

Quant Time: Aug 22 01:47:13 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	895121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	1178026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	691428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	171258	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	364933	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
35) Dibromofluoromethane	5.52	113	477051	54.75	ug/l	0.00
Spiked Amount			Recovery	=	109.50%	
50) Toluene-d8	8.67	98	1063566	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	11.91	95	263005	29.17	ug/l	0.00
Spiked Amount			Recovery	=	58.34%	

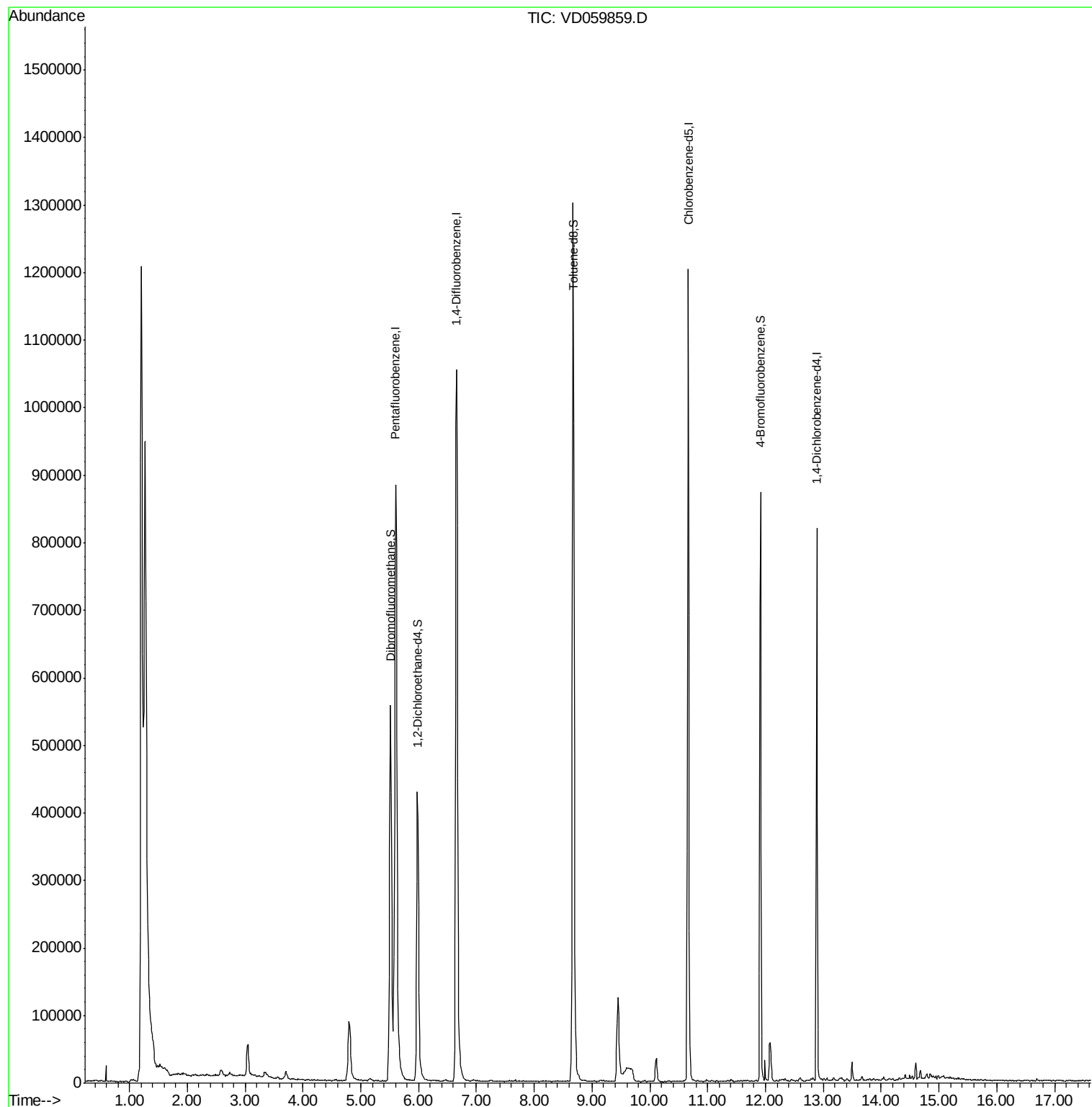
Target Compounds	Qvalue
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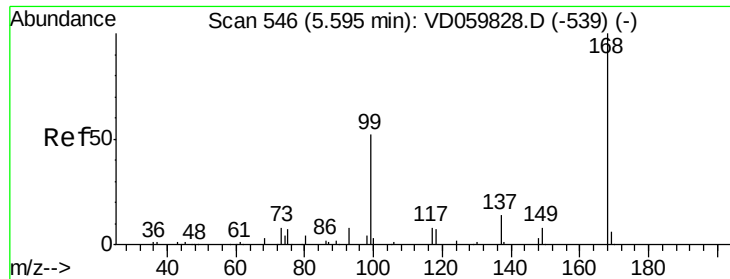
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.60 min Scan# 547

Delta R.T. 0.01 min

Lab File: VD059859.D

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Instrument :

MSVOA_D

ClientSampleId :

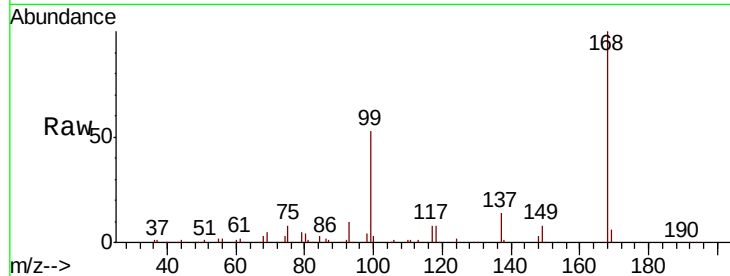
RA-081618-ESW-15-037

Tot Ion:168 Resp: 895121

Ion Ratio Lower Upper

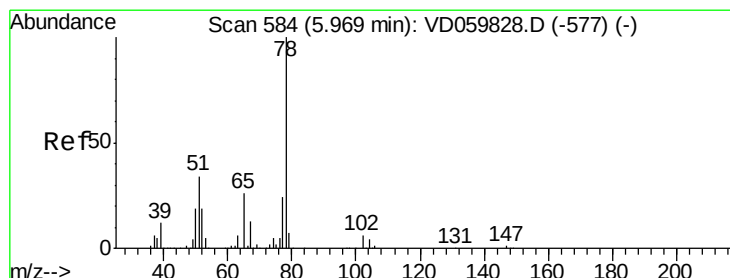
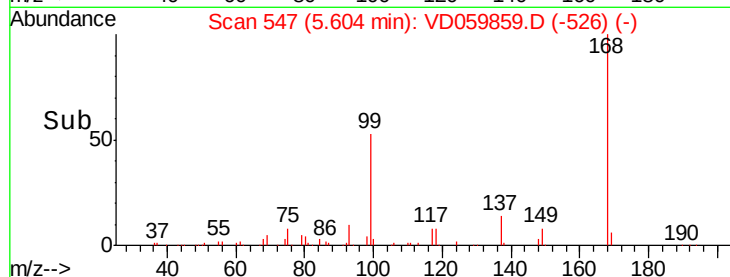
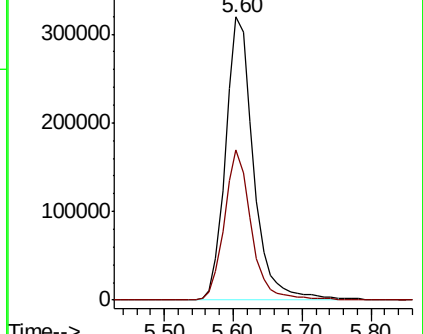
168 100

99 53.2 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: 5.98 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD059859.D

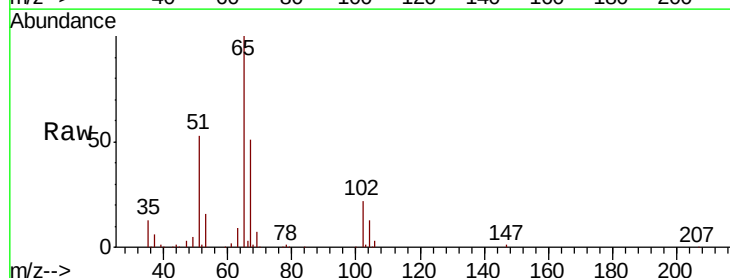
Acq: 21 Aug 2018 16:50

Tgt Ion: 65 Resp: 364933

Ion Ratio Lower Upper

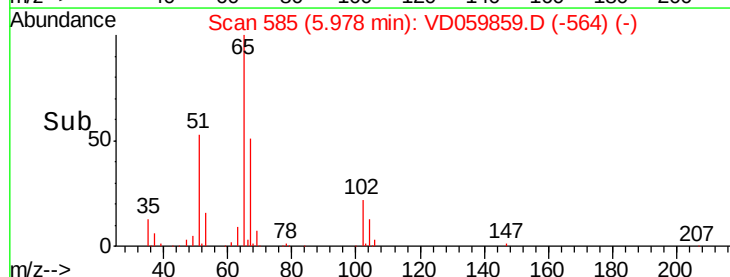
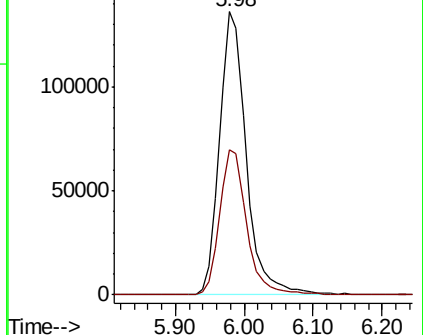
65 100

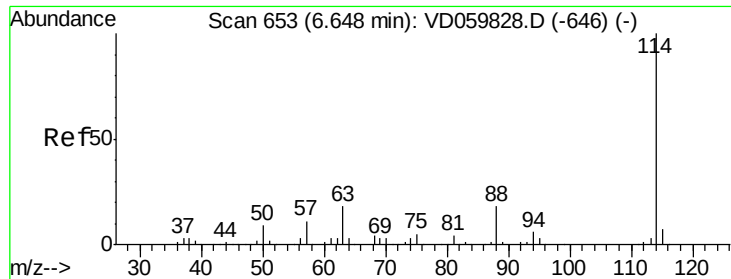
67 51.1 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

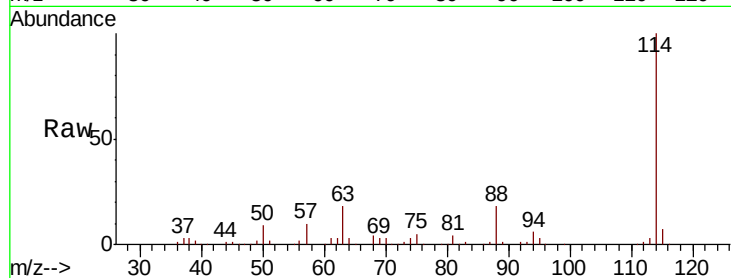




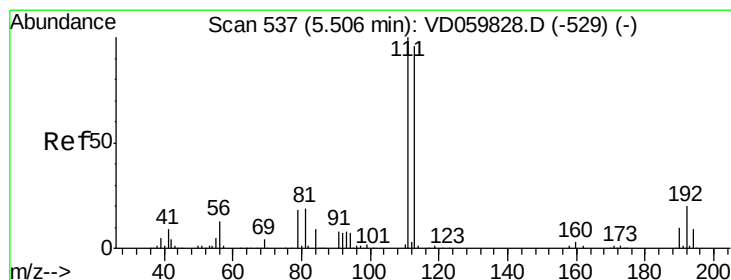
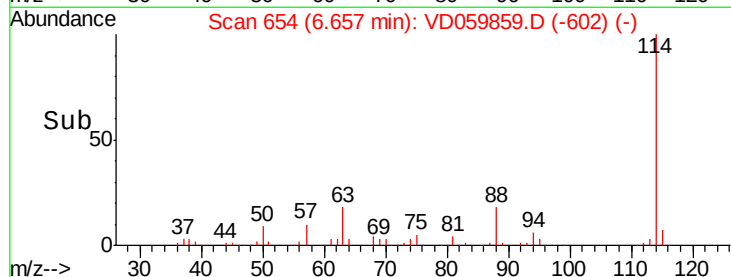
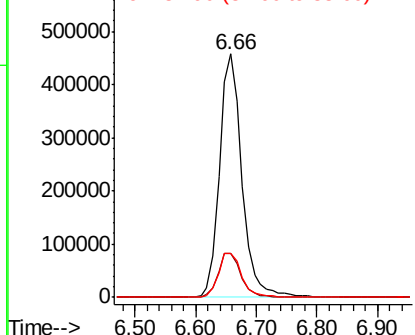
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VD059859.D
 Acq: 21 Aug 2018 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-ESW-15-037

Tot Ion:114 Resp: 1178026
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.0
 88 18.3 0.0 37.0

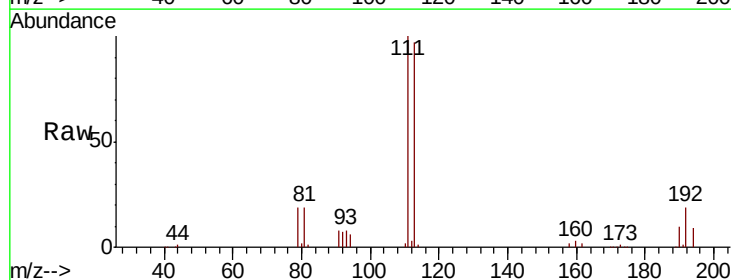


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

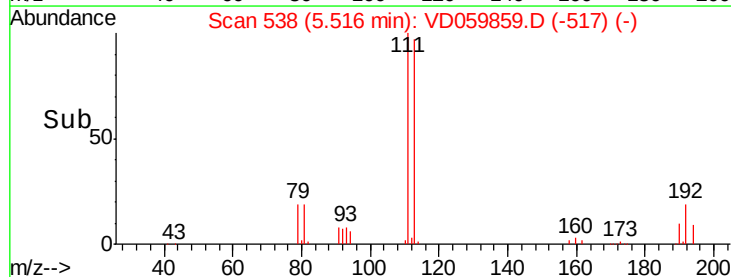
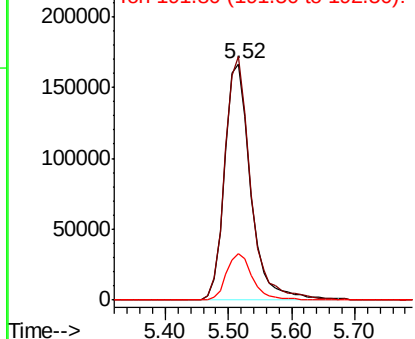


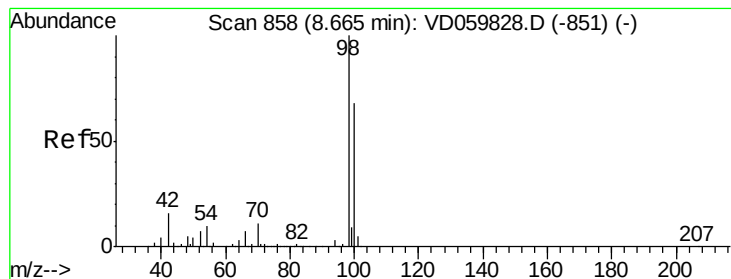
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VD059859.D
 Acq: 21 Aug 2018 16:50

Tgt Ion:113 Resp: 477051
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.3 124.9
 192 19.8 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# 859

Delta R.T. 0.01 min

Lab File: VD059859.D

Acq: 21 Aug 2018 16:50

Instrument :

MSVOA_D

ClientSampleId :

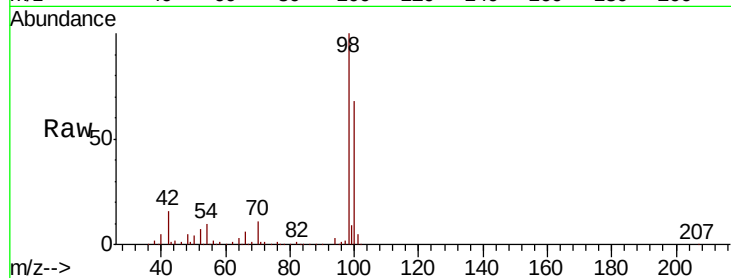
RA-081618-ESW-15-037

Tot Ion: 98 Resp: 1063566

Ion Ratio Lower Upper

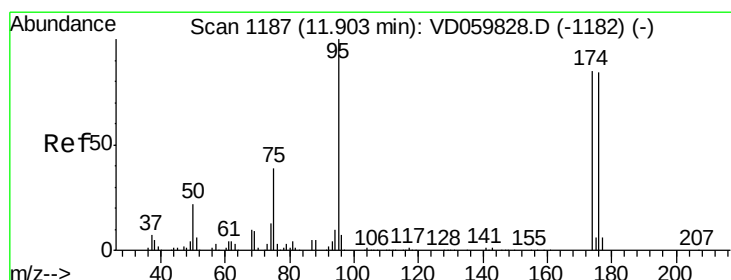
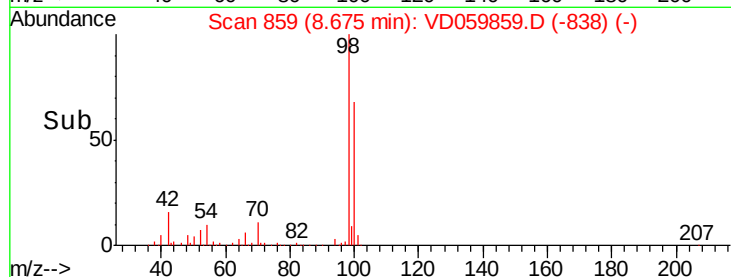
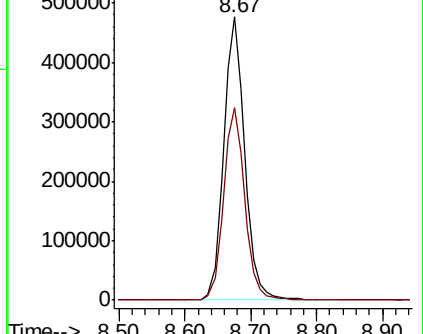
98 100

100 68.2 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1188

Delta R.T. 0.01 min

Lab File: VD059859.D

Acq: 21 Aug 2018 16:50

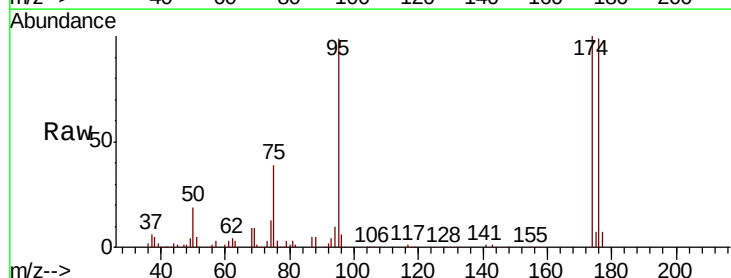
Tgt Ion: 95 Resp: 263005

Ion Ratio Lower Upper

95 100

174 101.4 0.0 169.2

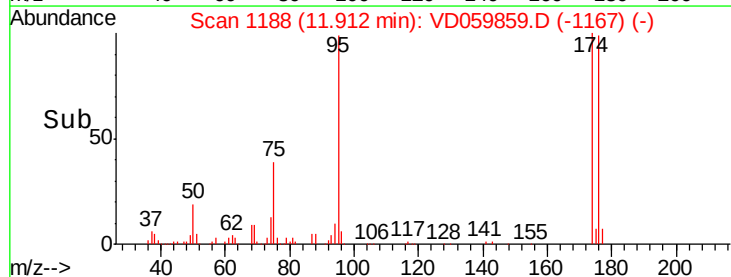
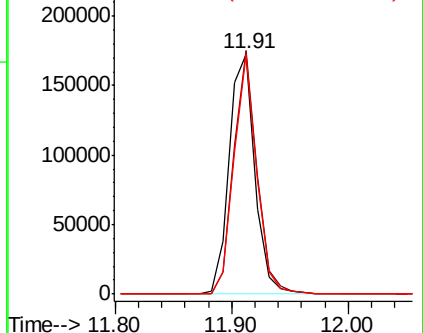
176 100.0 0.0 168.0

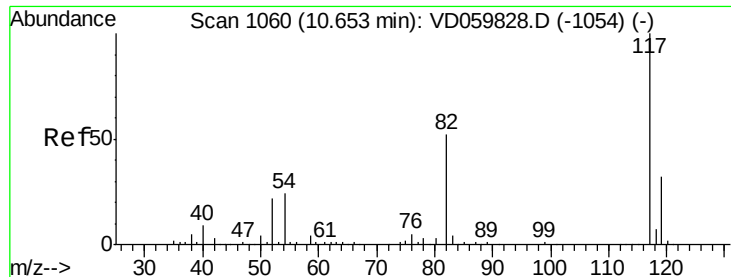


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

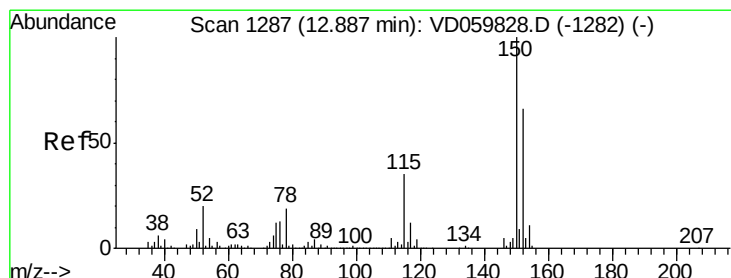
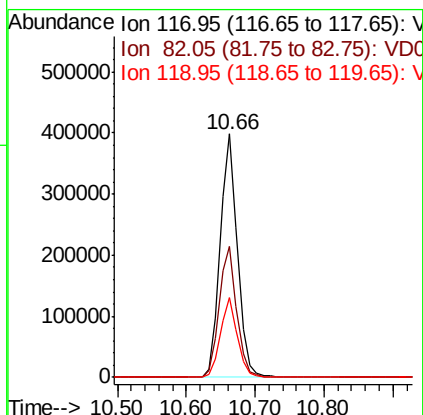
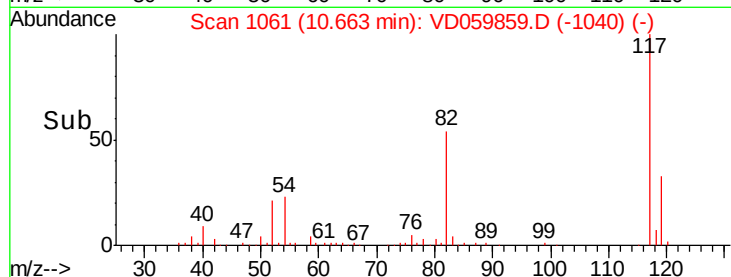
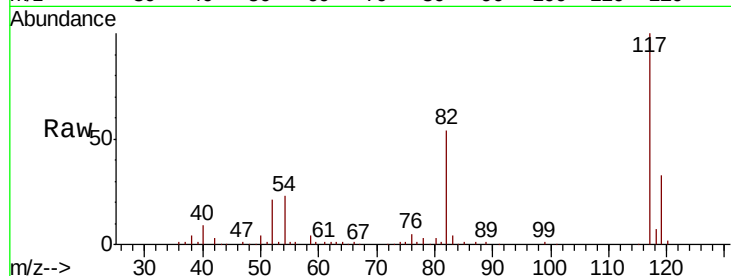




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059859.D
Acq: 21 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081618-ESW-15-037

Tot Ion:117 Resp: 691428
Ion Ratio Lower Upper
117 100
82 53.6 41.6 62.4
119 33.0 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: VD059859.D
Acq: 21 Aug 2018 16:50

Tgt Ion:152 Resp: 171258
Ion Ratio Lower Upper
152 100
115 57.9 26.9 80.6
150 154.7 0.0 306.8

