

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082018\
 Data File : VD059833.D
 Acq On : 20 Aug 2018 16:14
 Operator : JC/SY
 Sample : VD0820SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBL01

Quant Time: Aug 21 04:59:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 20 15:16:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	1109528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.65	114	1542174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	1275227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	601872	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.97	65	459312	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.50	113	583364	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	8.67	98	1560474	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.91	95	598822	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

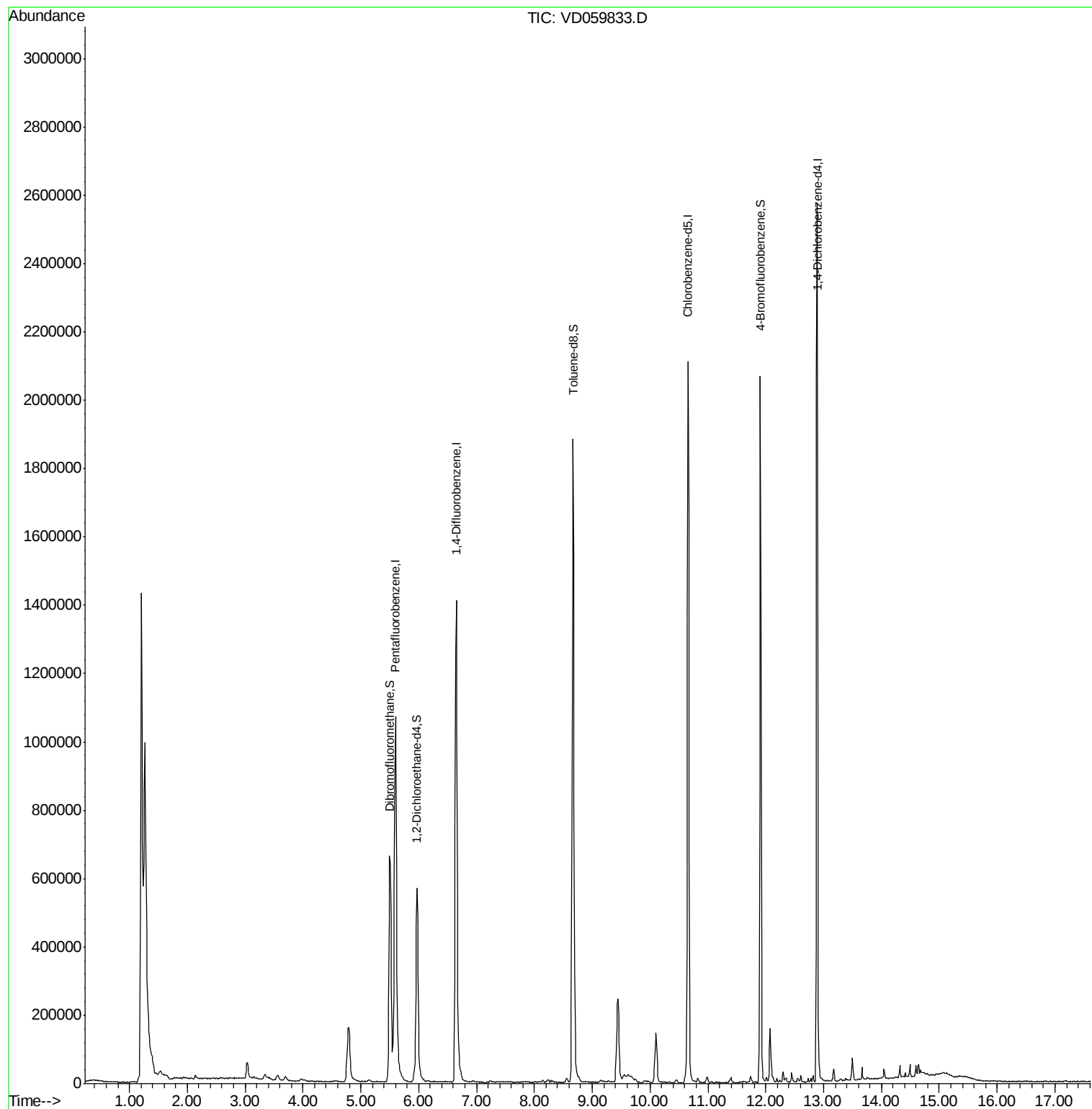
Target Compounds	Qvalue
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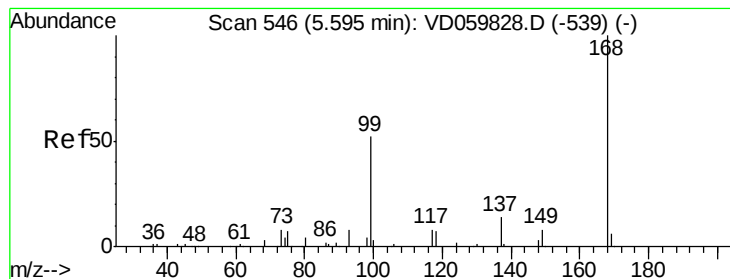
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.00 min

Lab File: VD059833.D

Acq: 20 Aug 2018 16:14

Instrument :

MSVOA_D

ClientSampleId :

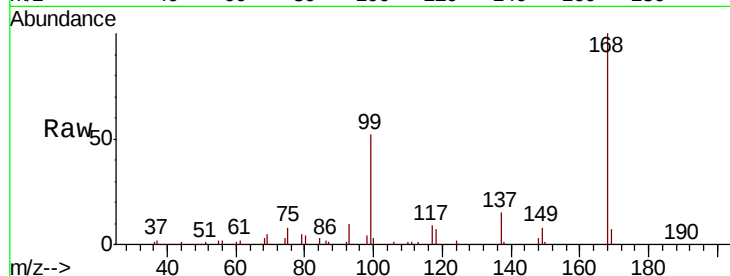
VD0820SBL01

Tot Ion:168 Resp: 1109528

Ion Ratio Lower Upper

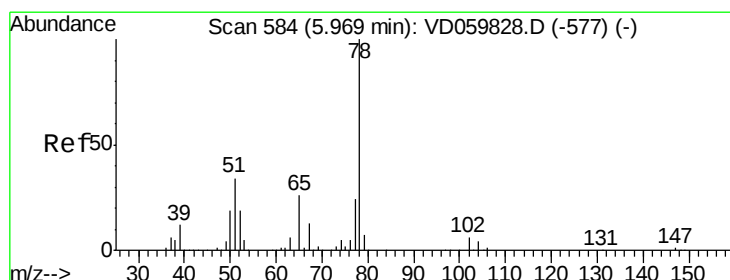
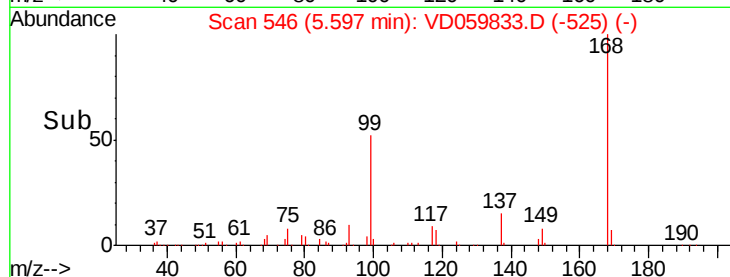
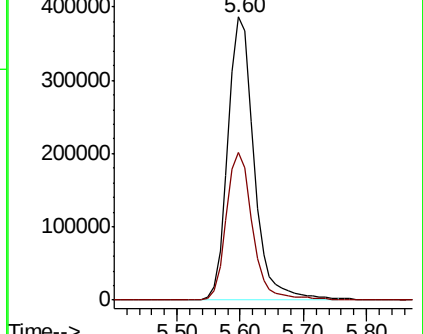
168 100

99 52.1 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. 0.00 min

Lab File: VD059833.D

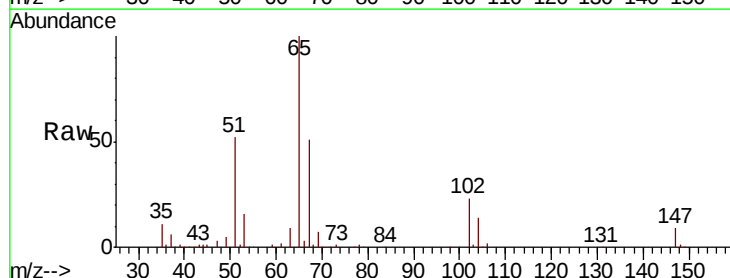
Acq: 20 Aug 2018 16:14

Tgt Ion: 65 Resp: 459312

Ion Ratio Lower Upper

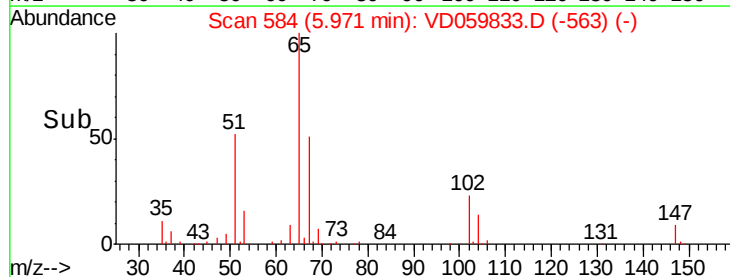
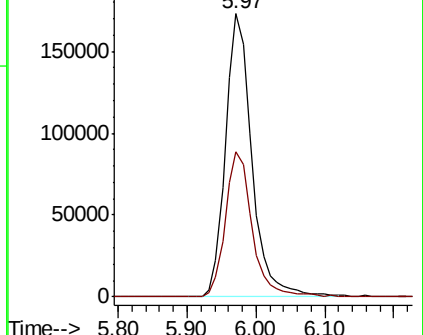
65 100

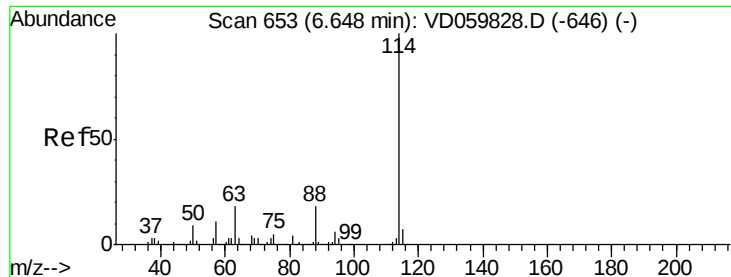
67 51.4 0.0 102.4



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. 0.00 min

Lab File: VD059833.D

Acq: 20 Aug 2018 16:14

Instrument :

MSVOA_D

ClientSampleId :

VD0820SBL01

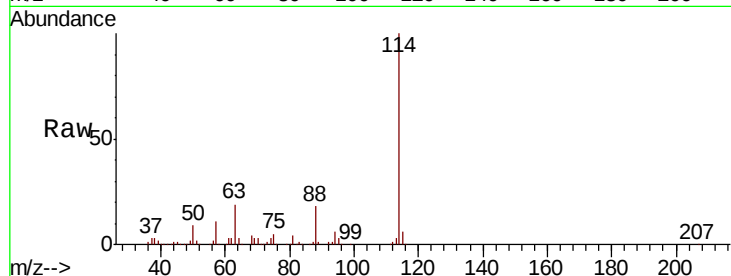
Tot Ion:114 Resp: 1542174

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

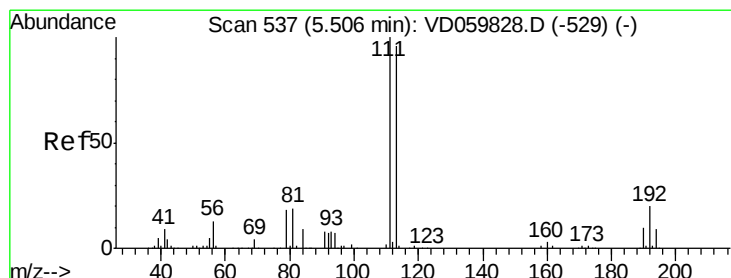
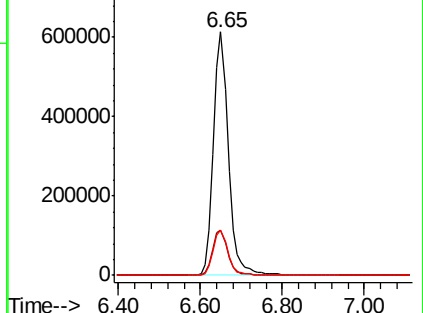
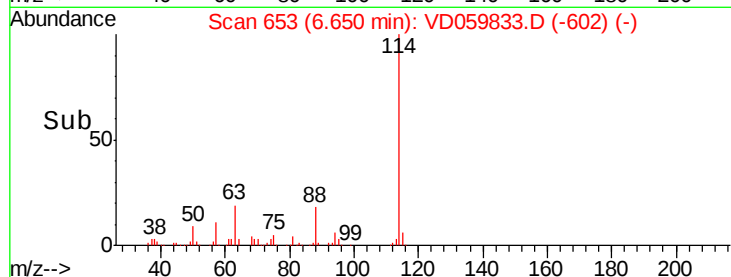
88 18.4 0.0 37.0



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: VD059833.D

Acq: 20 Aug 2018 16:14

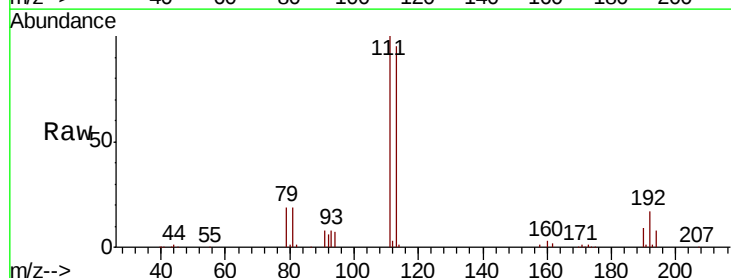
Tgt Ion:113 Resp: 583364

Ion Ratio Lower Upper

113 100

111 105.0 83.3 124.9

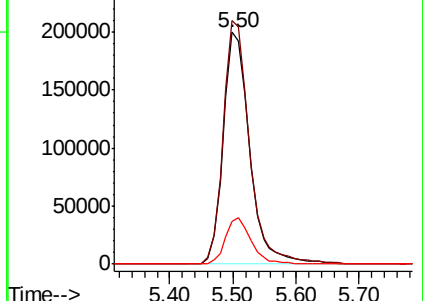
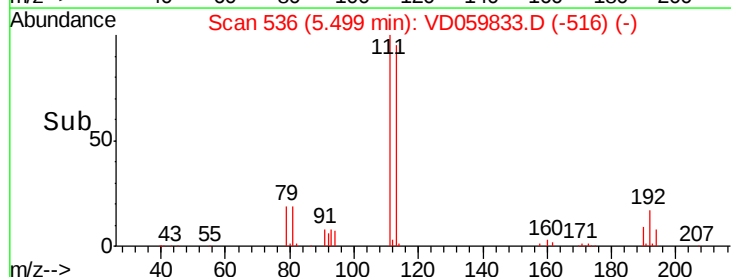
192 18.2 16.8 25.2

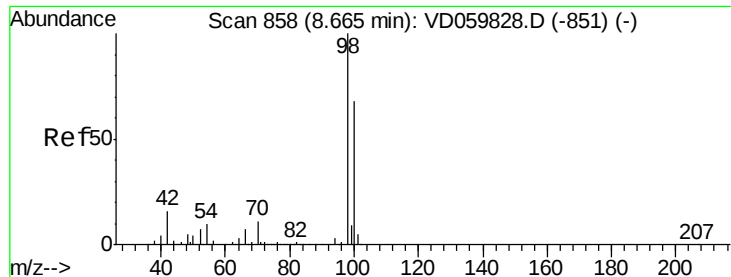


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD059833.D

Acq: 20 Aug 2018 16:14

Instrument :

MSVOA_D

ClientSampleId :

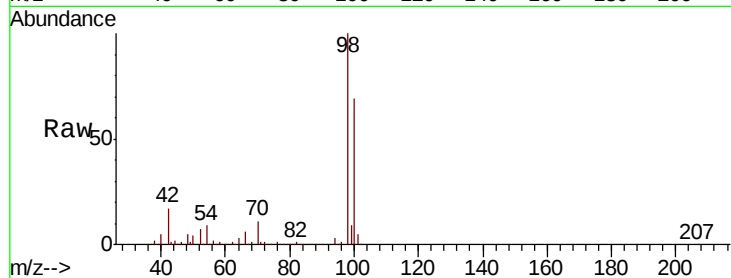
VD0820SBL01

Tot Ion: 98 Resp: 1560474

Ion Ratio Lower Upper

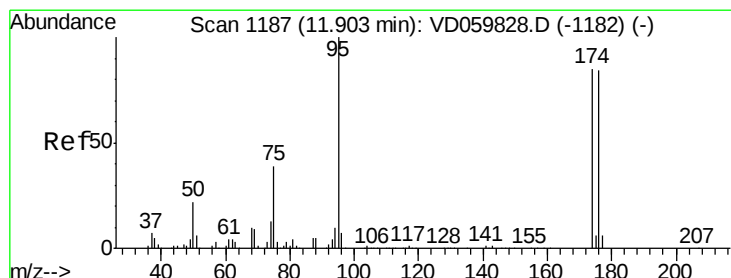
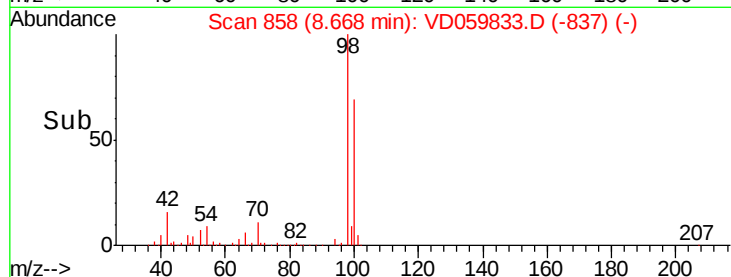
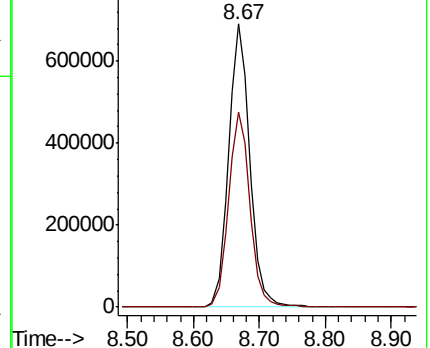
98 100

100 68.8 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: Below ug/l

RT: 11.91 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059833.D

Acq: 20 Aug 2018 16:14

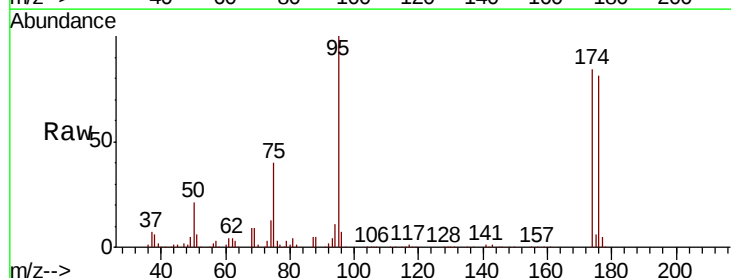
Tgt Ion: 95 Resp: 598822

Ion Ratio Lower Upper

95 100

174 84.1 0.0 169.2

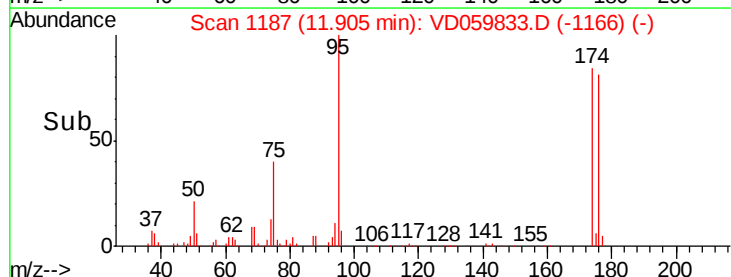
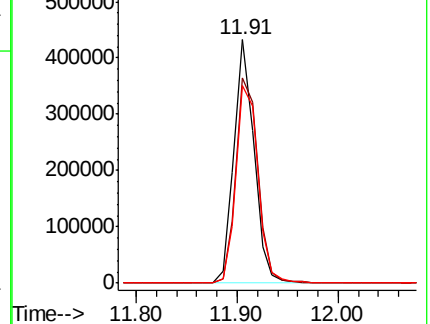
176 81.3 0.0 168.0

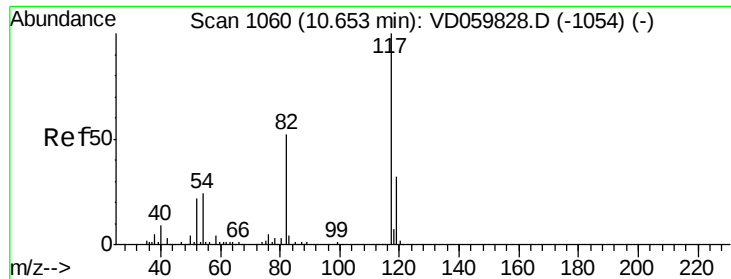


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

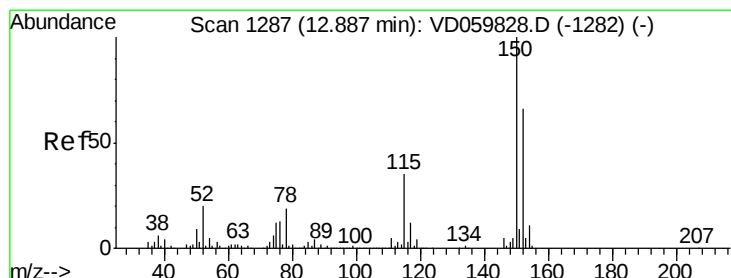
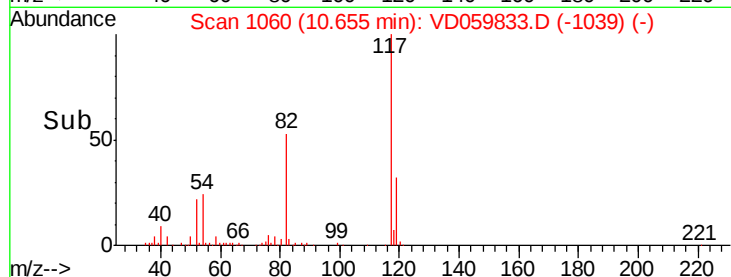
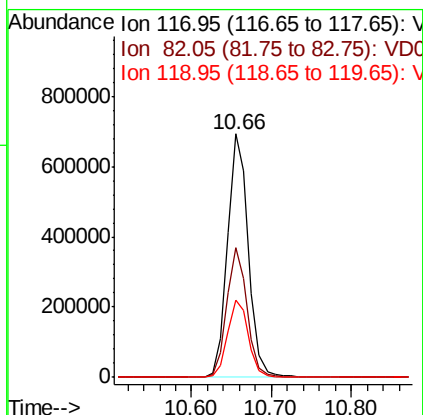
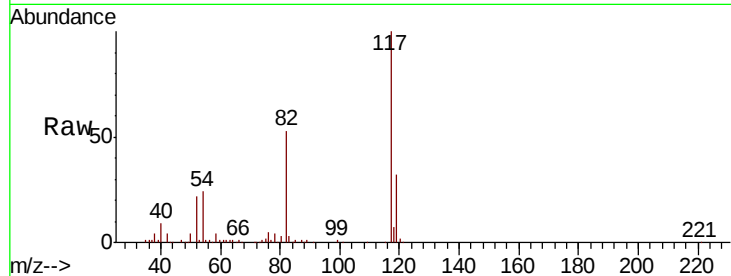




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1060
Delta R.T. 0.00 min
Lab File: VD059833.D
Acq: 20 Aug 2018 16:14

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBL01

Tot Ion:117 Resp: 1275227
Ion Ratio Lower Upper
117 100
82 53.3 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: VD059833.D
Acq: 20 Aug 2018 16:14

Tgt Ion:152 Resp: 601872
Ion Ratio Lower Upper
152 100
115 55.2 26.9 80.6
150 156.1 0.0 306.8

