

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058329.D
 Acq On : 23 Jun 2018 8:30
 Operator : VA/AP
 Sample : J3595-03RE
 Misc : 6.63g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-02-ABRE

Quant Time: Jun 25 01:32:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	6499	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.71	114	11603	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	10580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	3898	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	7622	116.11	ug/l	0.03
Spiked Amount	50.000		Recovery	=	232.22%	
35) Dibromofluoromethane	5.56	113	4363	46.20	ug/l	0.02
Spiked Amount	50.000		Recovery	=	92.40%	
50) Toluene-d8	8.72	98	11920	52.17	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.93	95	4507	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

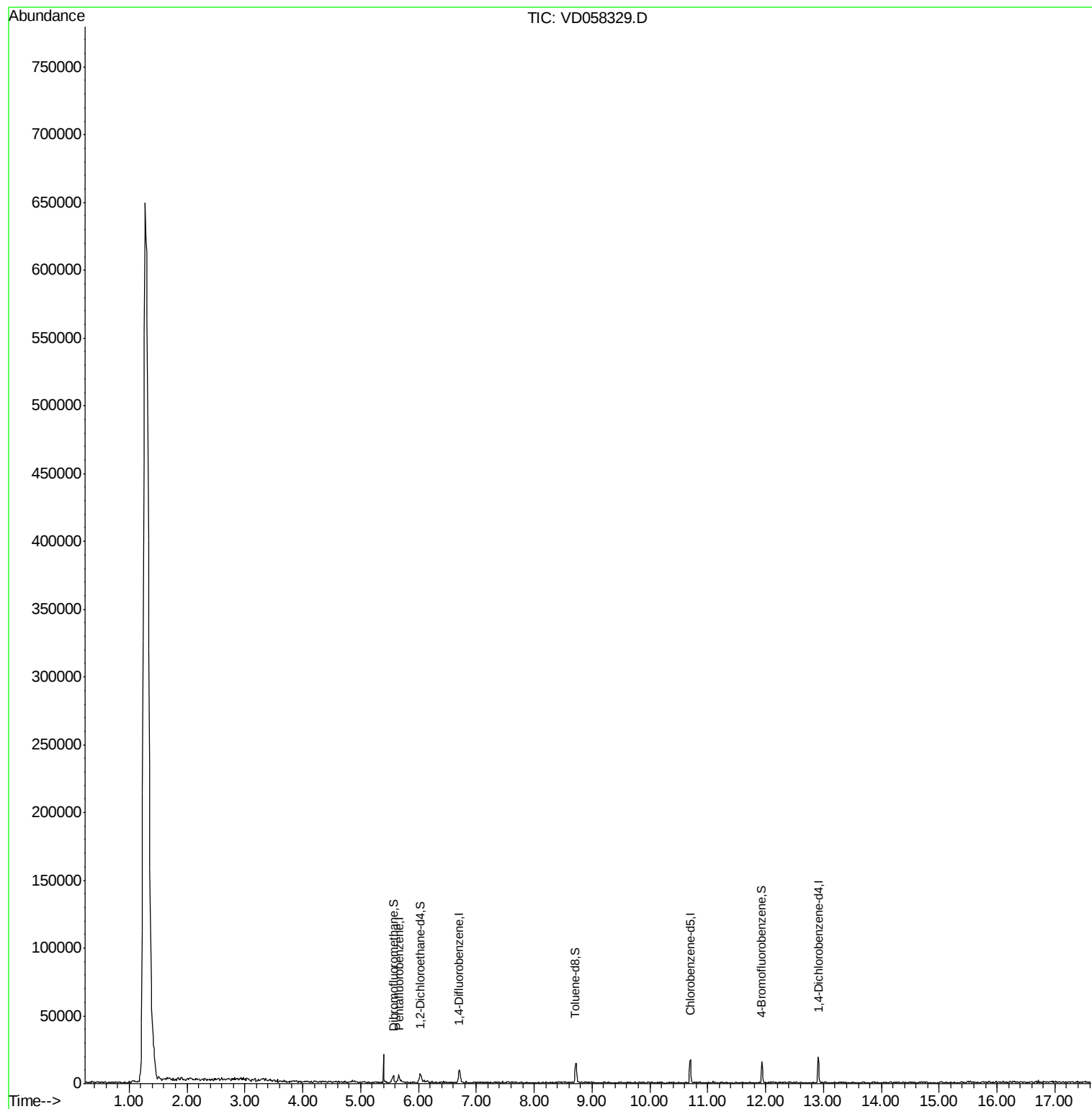
Target Compounds	Qvalue

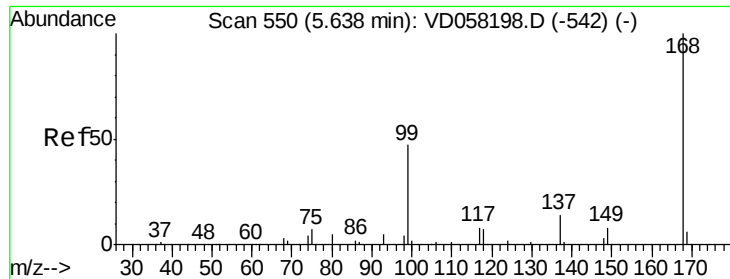
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058329.D
Acq On : 23 Jun 2018 8:30
Operator : VA/AP
Sample : J3595-03RE
Misc : 6.63g/5ml/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SC-02-ABRE

Quant Time: Jun 25 01:32:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.03 min

Lab File: VD058329.D

Acq: 23 Jun 2018 8:30

Instrument :

MSVOA_D

ClientSampleId :

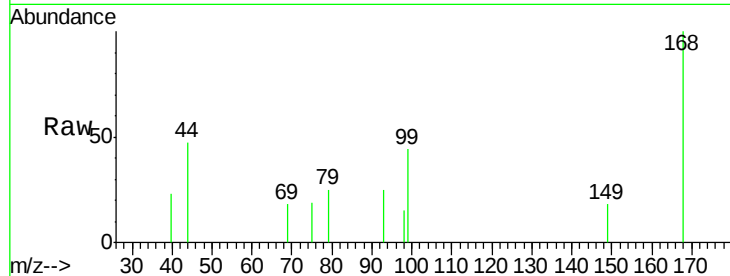
SC-02-ABRE

Tot Ion:168 Resp: 6499

Ion Ratio Lower Upper

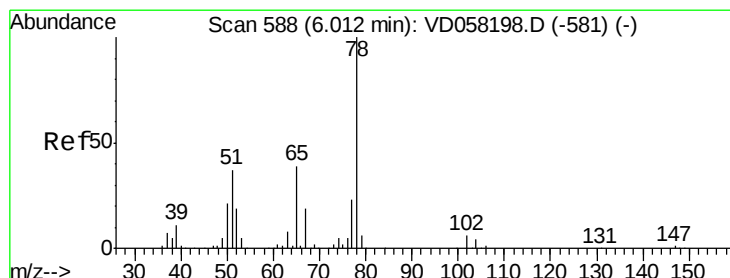
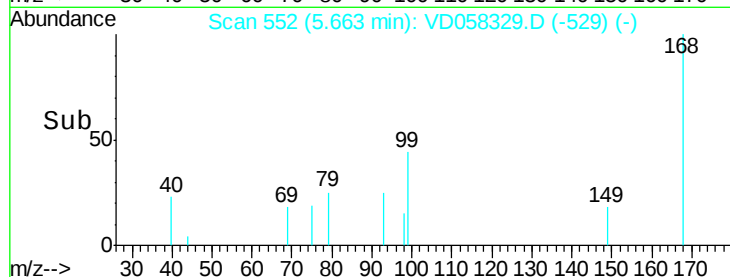
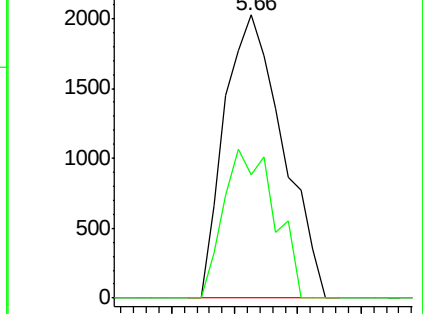
168 100

99 43.5 41.1 61.7



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: 6.04 min Scan# 590

Delta R.T. 0.03 min

Lab File: VD058329.D

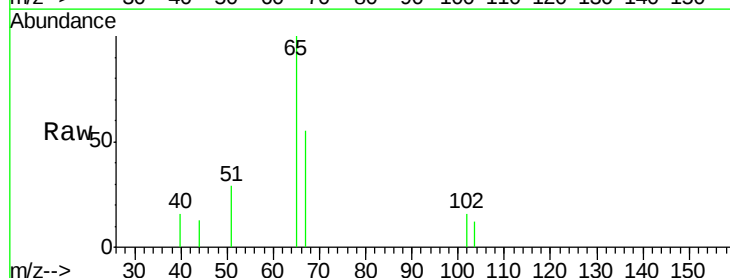
Acq: 23 Jun 2018 8:30

Tgt Ion: 65 Resp: 7622

Ion Ratio Lower Upper

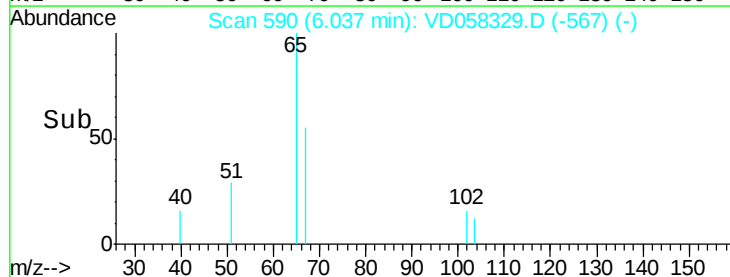
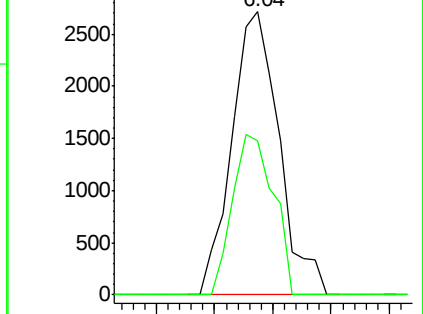
65 100

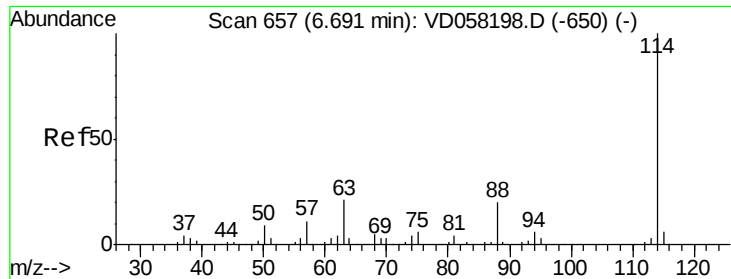
67 54.5 0.0 97.8



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: 6.71 min Scan# 658

Delta R.T. 0.02 min

Lab File: VD058329.D

Acq: 23 Jun 2018 8:30

Instrument :

MSVOA_D

ClientSampleId :

SC-02-ABRE

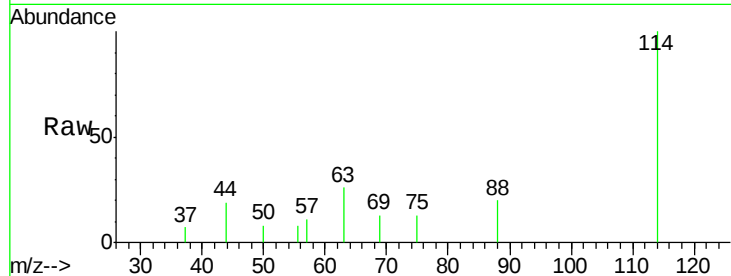
Tot Ion:114 Resp: 11603

Ion Ratio Lower Upper

114 100

63 25.8 0.0 42.6

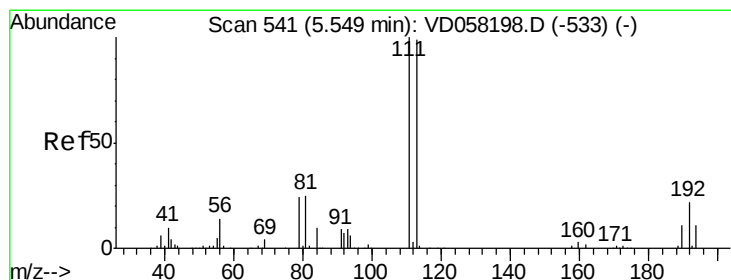
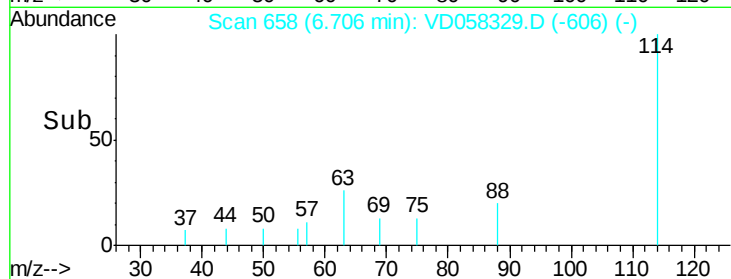
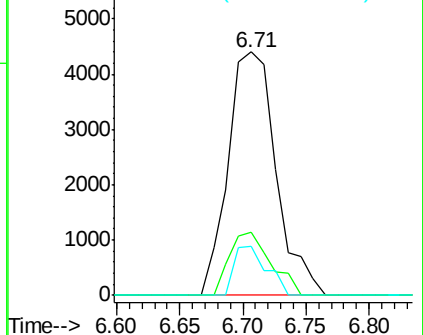
88 20.0 0.0 40.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.02 min

Lab File: VD058329.D

Acq: 23 Jun 2018 8:30

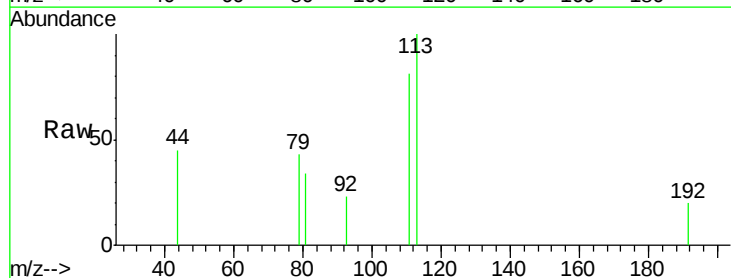
Tgt Ion:113 Resp: 4363

Ion Ratio Lower Upper

113 100

111 80.6 80.6 121.0#

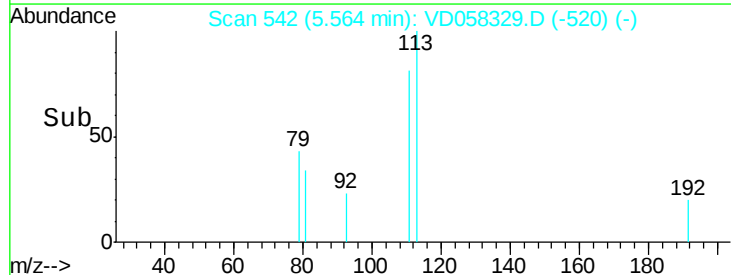
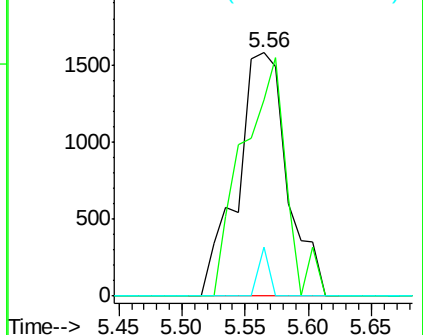
192 20.4 17.8 26.6

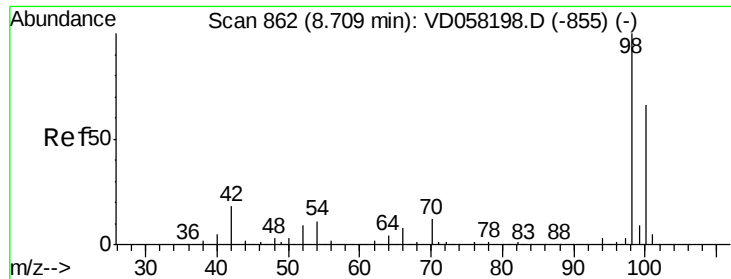


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

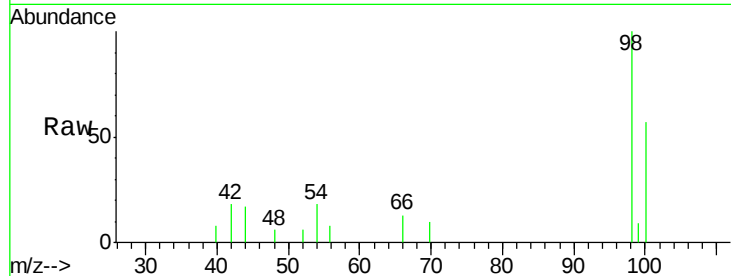




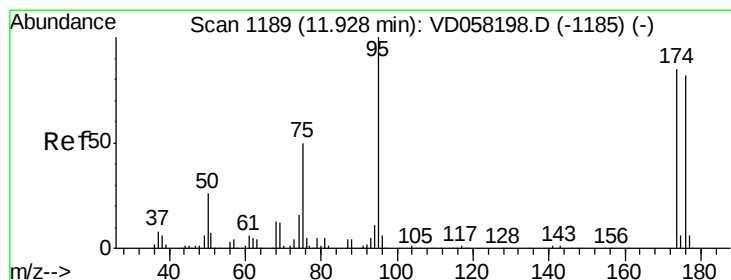
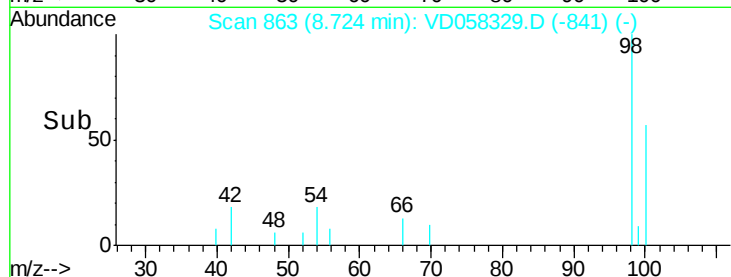
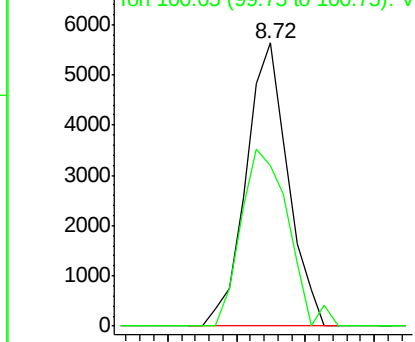
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.02 min
Lab File: VD058329.D
Acq: 23 Jun 2018 8:30

Instrument :
MSVOA_D
ClientSampleId :
SC-02-ABRE

Tot Ion: 98 Resp: 11920
Ion Ratio Lower Upper
98 100
100 56.6 53.6 80.4

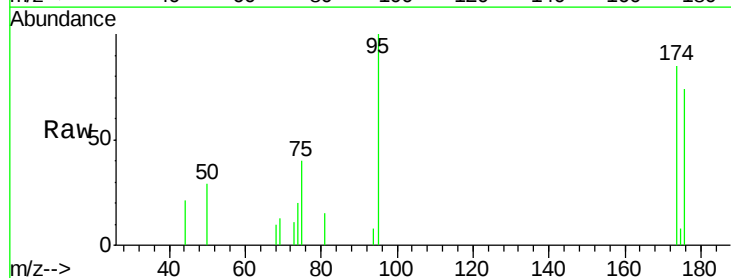


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

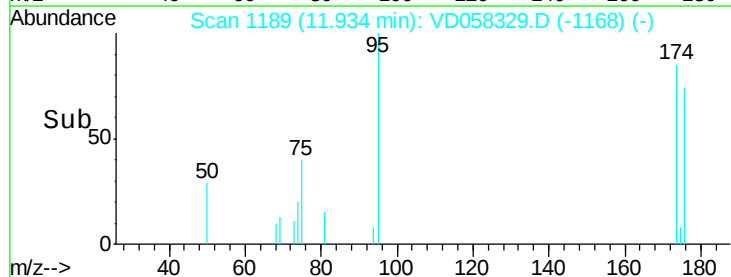
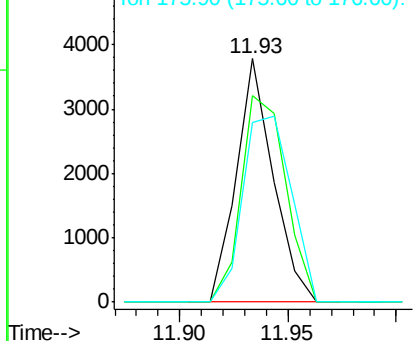


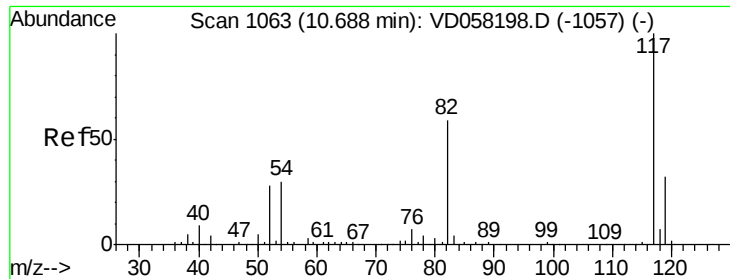
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD058329.D
Acq: 23 Jun 2018 8:30

Tgt Ion: 95 Resp: 4507
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.2
176 73.6 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VD058329.D

Acq: 23 Jun 2018 8:30

Instrument :

MSVOA_D

ClientSampleId :

SC-02-ABRE

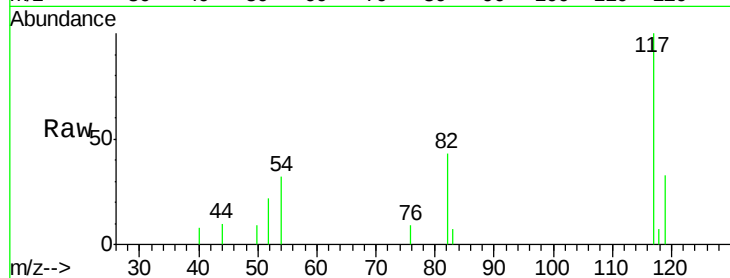
Tot Ion:117 Resp: 10580

Ion Ratio Lower Upper

117 100

82 43.3 47.0 70.6#

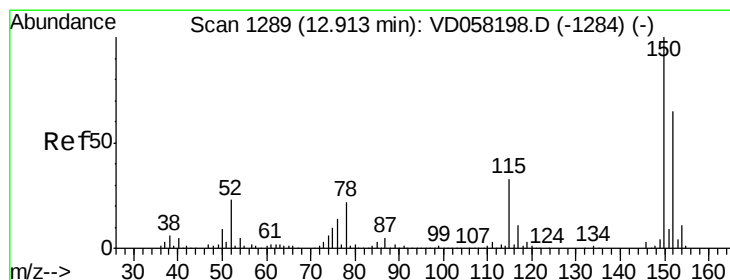
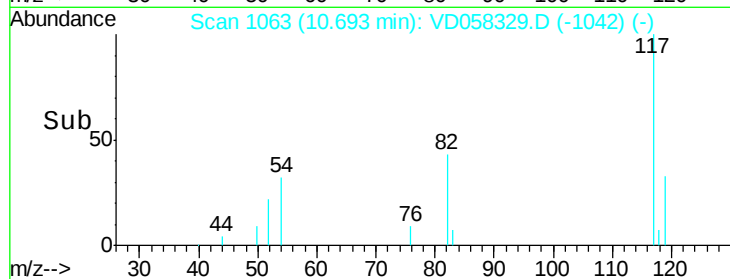
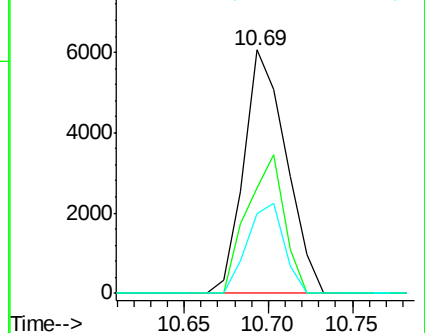
119 32.6 25.3 37.9



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: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058329.D

Acq: 23 Jun 2018 8:30

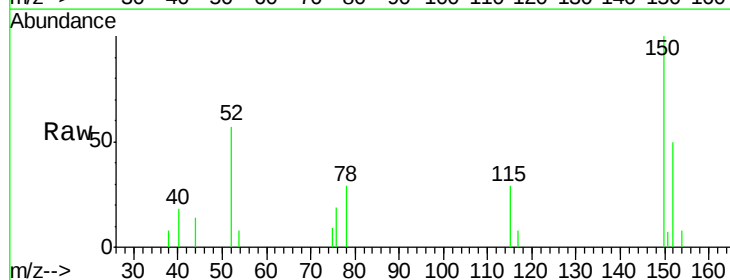
Tgt Ion:152 Resp: 3898

Ion Ratio Lower Upper

152 100

115 57.5 25.1 75.3

150 199.9 0.0 308.8



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

