

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059419.D
 Acq On : 26 Jun 2018 12:23
 Operator : VA/AP
 Sample : J3706-01
 Misc : 8.70g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-1-5

Quant Time: Jun 26 13:36:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	32799	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	48192	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	47255	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	25940	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	22293	66.46	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	132.92%	
35) Dibromofluoromethane	5.53	113	16572	42.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.44%	
50) Toluene-d8	8.69	98	36960	40.28	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.56%	
62) 4-Bromofluorobenzene	11.92	95	18177	47.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.24%	

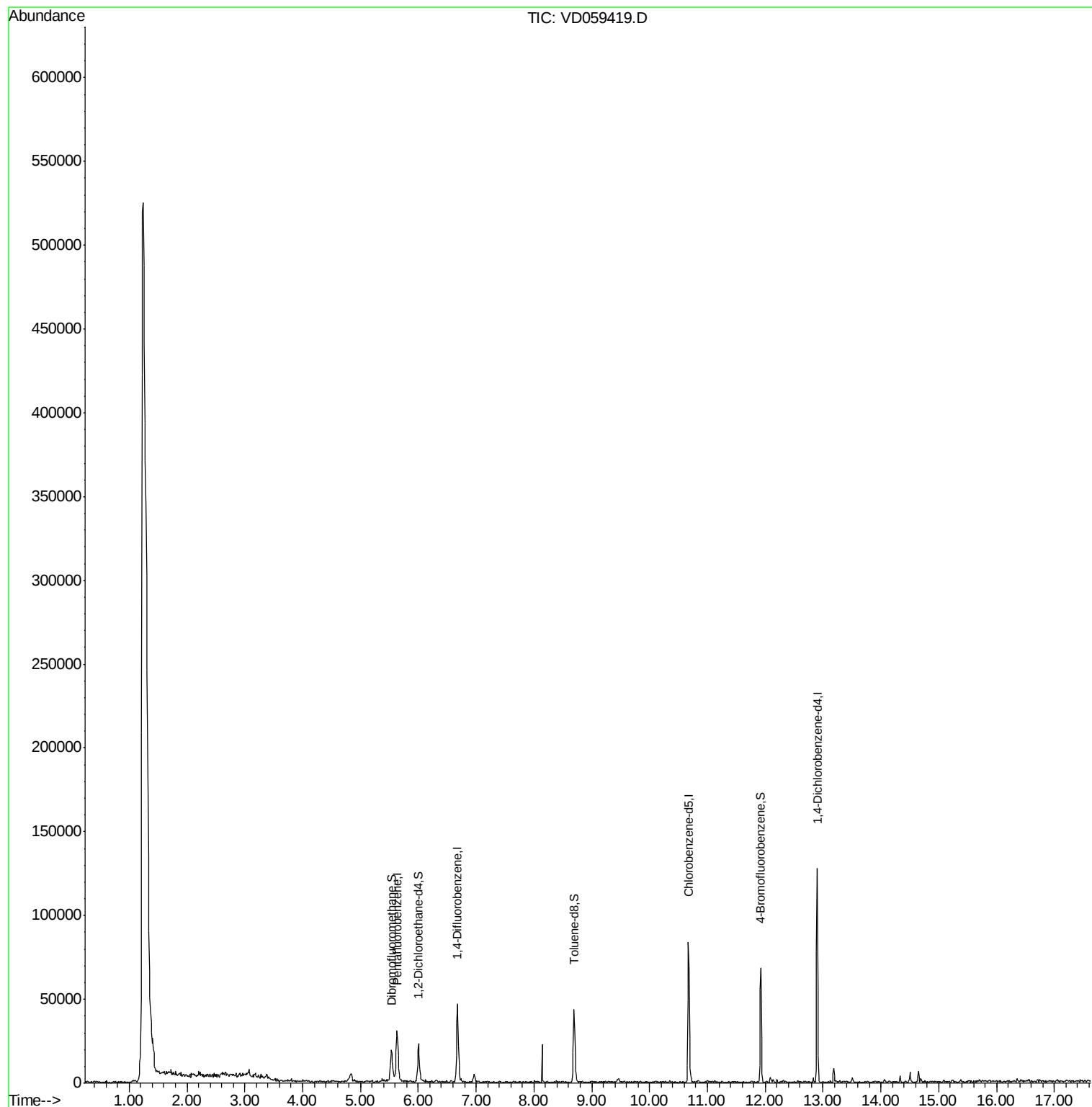
Target Compounds	Qvalue

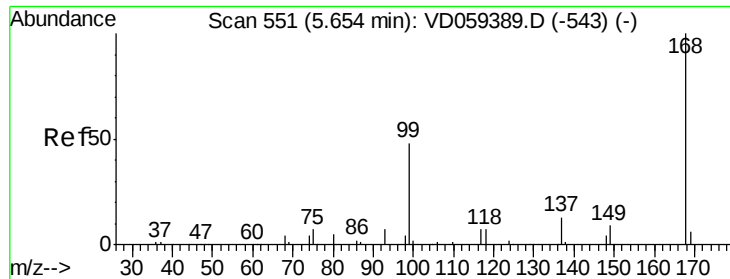
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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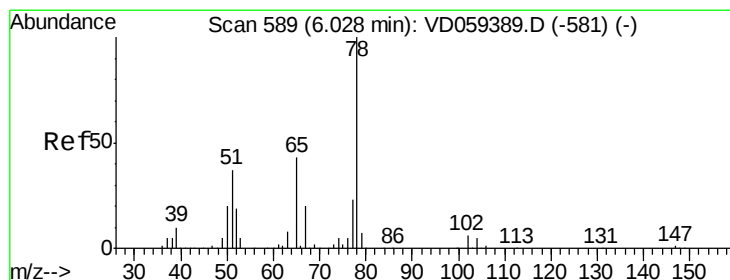
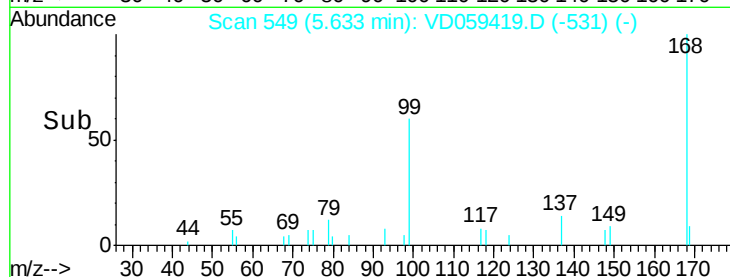
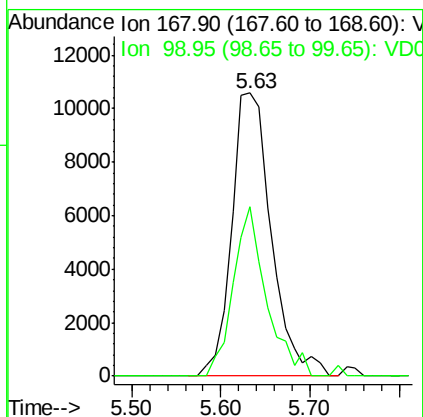
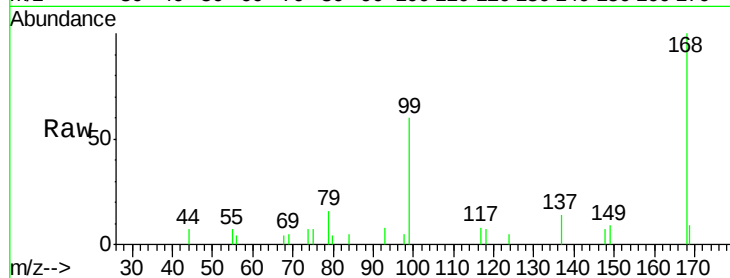




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.02 min
Lab File: VD059419.D
Acq: 26 Jun 2018 12:23

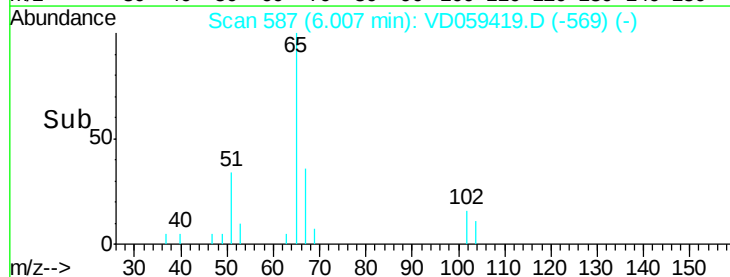
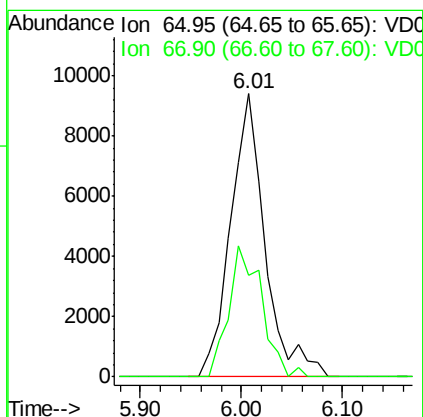
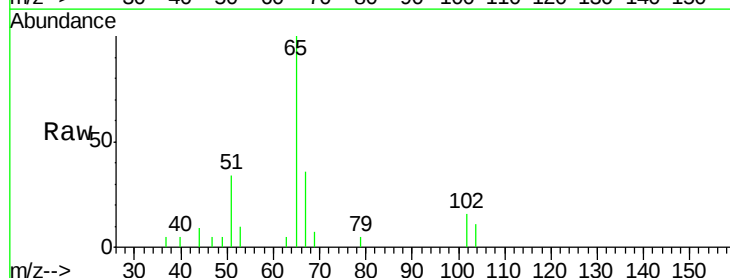
Instrument :
MSVOA_D
ClientSampleId :
RO-1-5

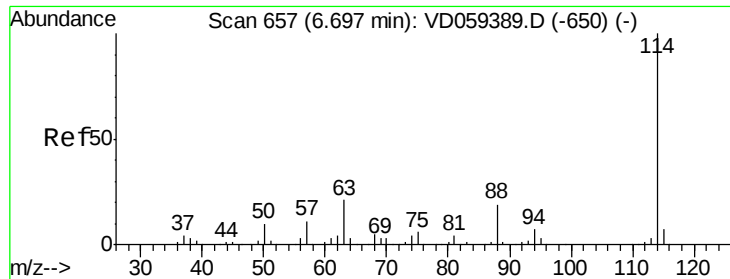
Tot Ion:168 Resp: 32799
Ion Ratio Lower Upper
168 100
99 59.8 41.0 61.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD059419.D
Acq: 26 Jun 2018 12:23

Tgt Ion: 65 Resp: 22293
Ion Ratio Lower Upper
65 100
67 36.1 0.0 93.8

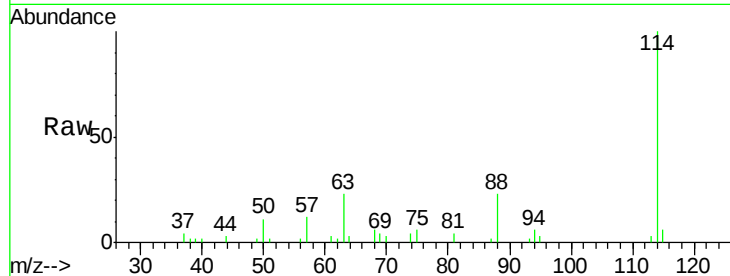




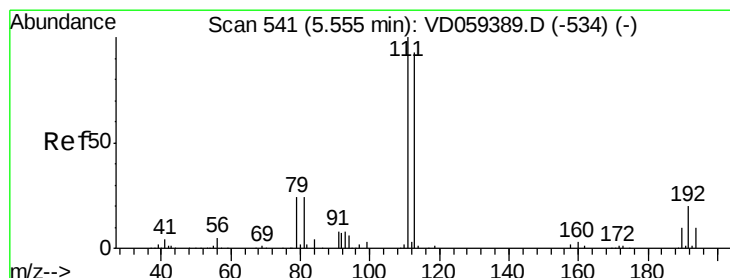
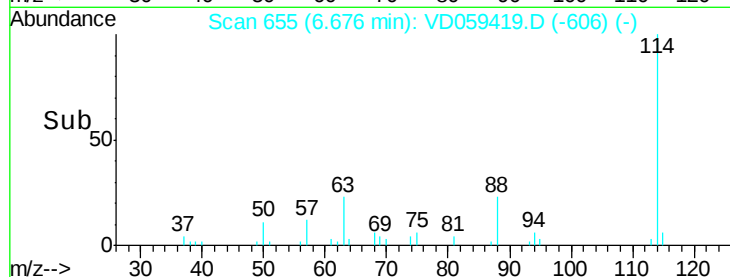
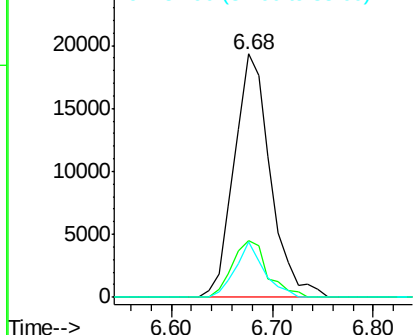
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: VD059419.D
 Acq: 26 Jun 2018 12:23

Instrument :
 MSVOA_D
 ClientSampleID :
 RO-1-5

Tot Ion:114 Resp: 48192
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 42.4
 88 22.7 0.0 38.0

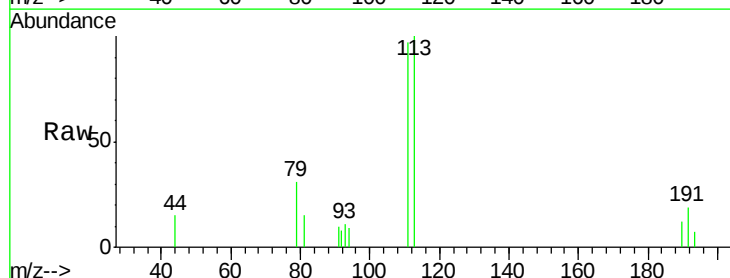


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

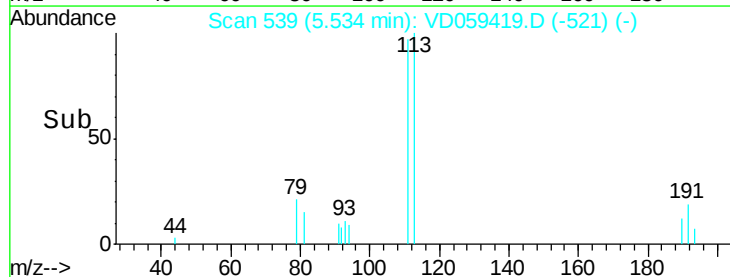
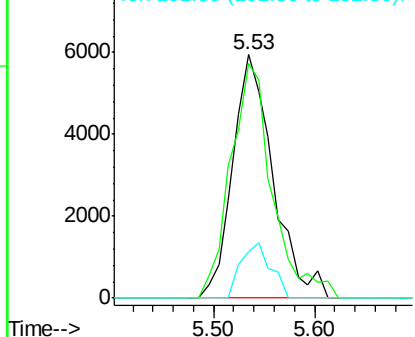


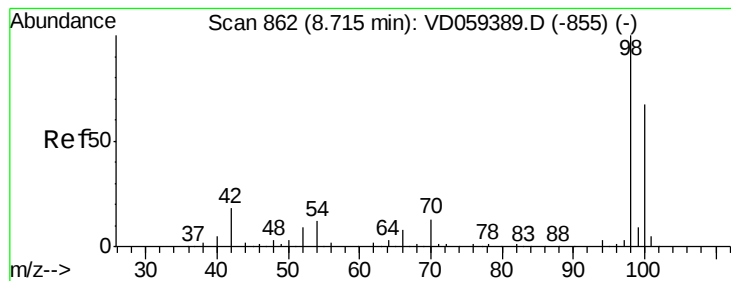
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: VD059419.D
 Acq: 26 Jun 2018 12:23

Tgt Ion:113 Resp: 16572
 Ion Ratio Lower Upper
 113 100
 111 96.6 85.7 128.5
 192 19.1 16.9 25.3



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: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD059419.D

Acq: 26 Jun 2018 12:23

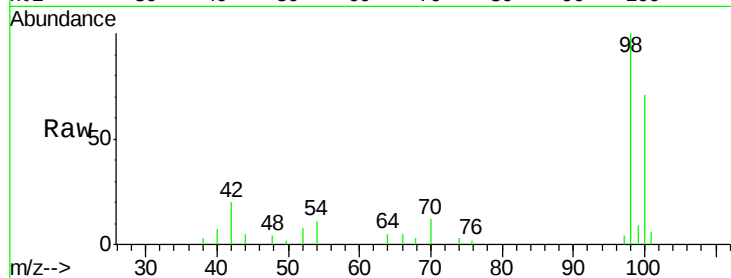
Instrument :
MSVOA_D
ClientSampleId :
RO-1-5

Tot Ion: 98 Resp: 36960

Ion Ratio Lower Upper

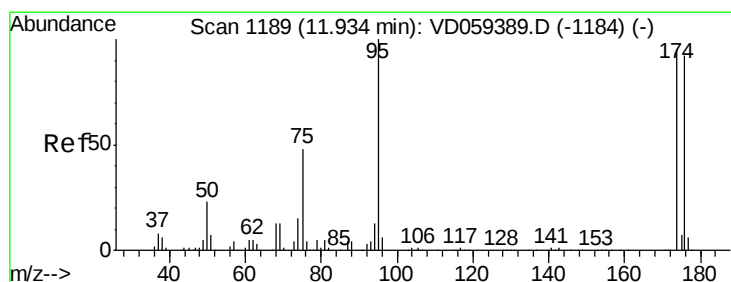
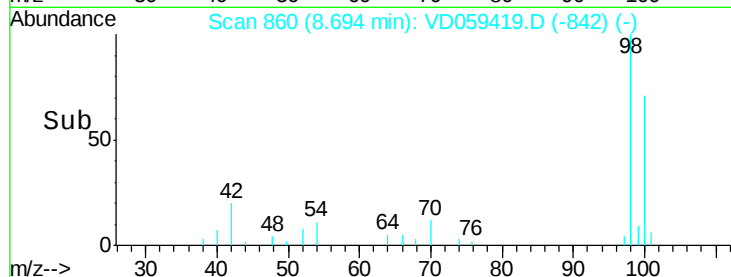
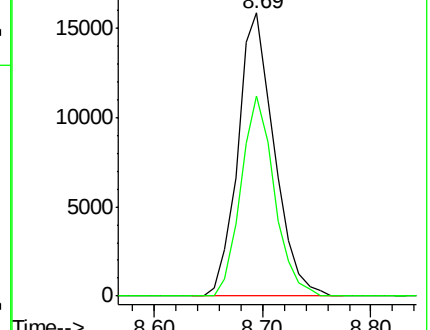
98 100

100 70.9 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VD059389.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD059389.D (-855) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD059419.D

Acq: 26 Jun 2018 12:23

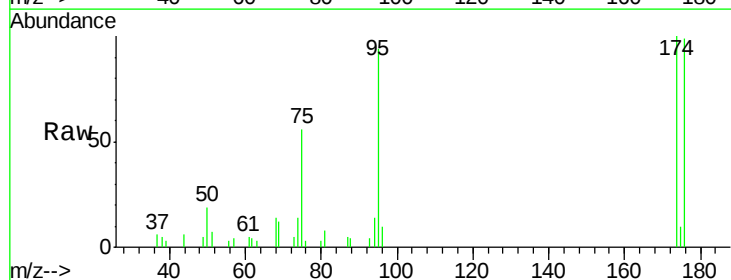
Tgt Ion: 95 Resp: 18177

Ion Ratio Lower Upper

95 100

174 106.9 0.0 190.4

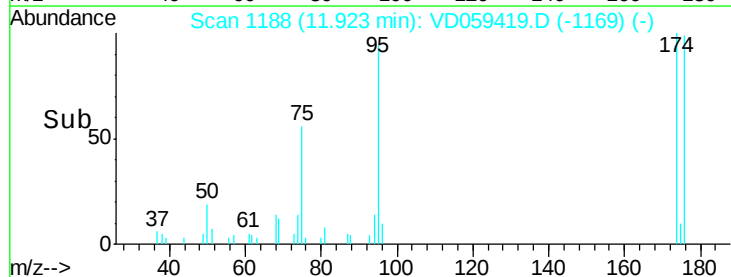
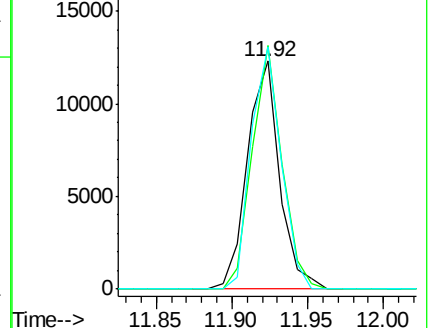
176 106.1 0.0 183.2

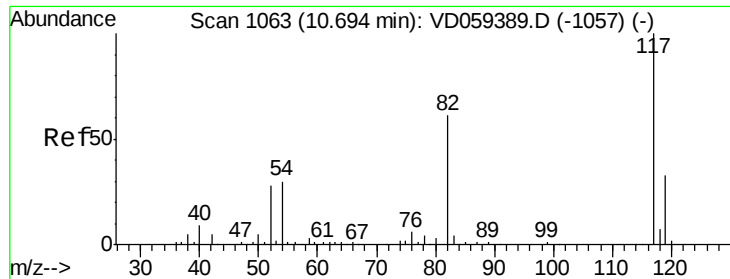


Abundance Ion 95.00 (94.70 to 95.70): VD059389.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD059389.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD059389.D (-1184) (-)

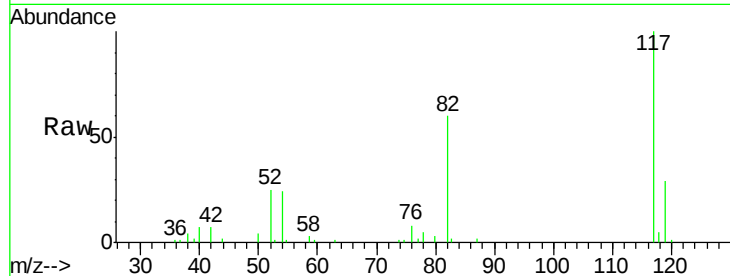




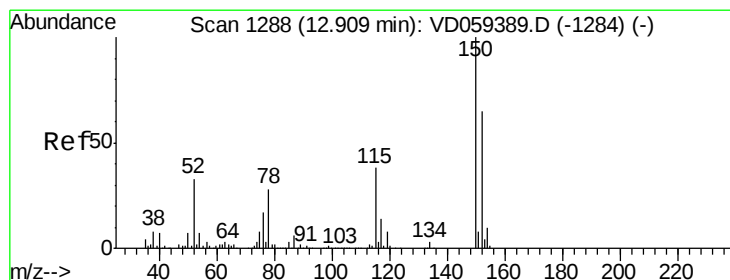
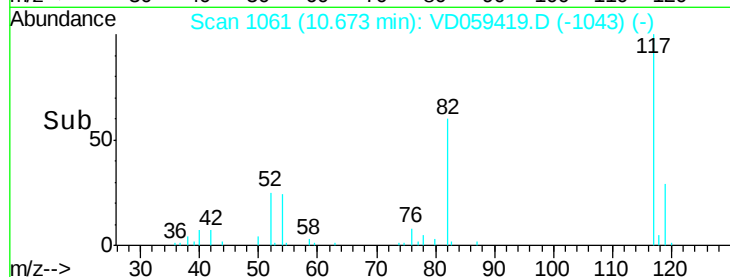
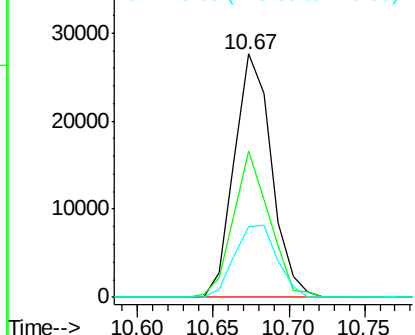
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.67 min Scan# 1061
Delta R.T. -0.02 min
Lab File: VD059419.D
Acq: 26 Jun 2018 12:23

Instrument :
MSVOA_D
ClientSampleId :
RO-1-5

Tot Ion:117 Resp: 47255
Ion Ratio Lower Upper
117 100
82 60.1 49.0 73.6
119 28.8 26.2 39.4

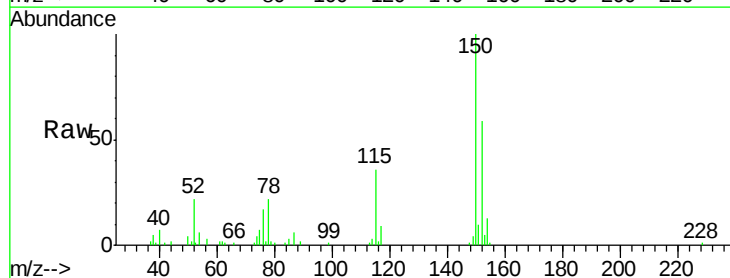


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD059419.D
Acq: 26 Jun 2018 12:23

Tgt Ion:152 Resp: 25940
Ion Ratio Lower Upper
152 100
115 60.0 29.4 88.3
150 169.0 0.0 308.2



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

