

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059430.D
 Acq On : 26 Jun 2018 18:17
 Operator : VA/AP
 Sample : J3676-05
 Misc : 4.84g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-5-8

Quant Time: Jun 27 07:12:05 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	5.64	168	28181	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	48348	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	38674	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	17175	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	28012	97.20	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	194.40%	
35) Dibromofluoromethane	5.54	113	19633	49.85	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.70%	
50) Toluene-d8	8.70	98	28880	31.37	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	62.74%	
62) 4-Bromofluorobenzene	11.92	95	13249	34.60	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	69.20%	

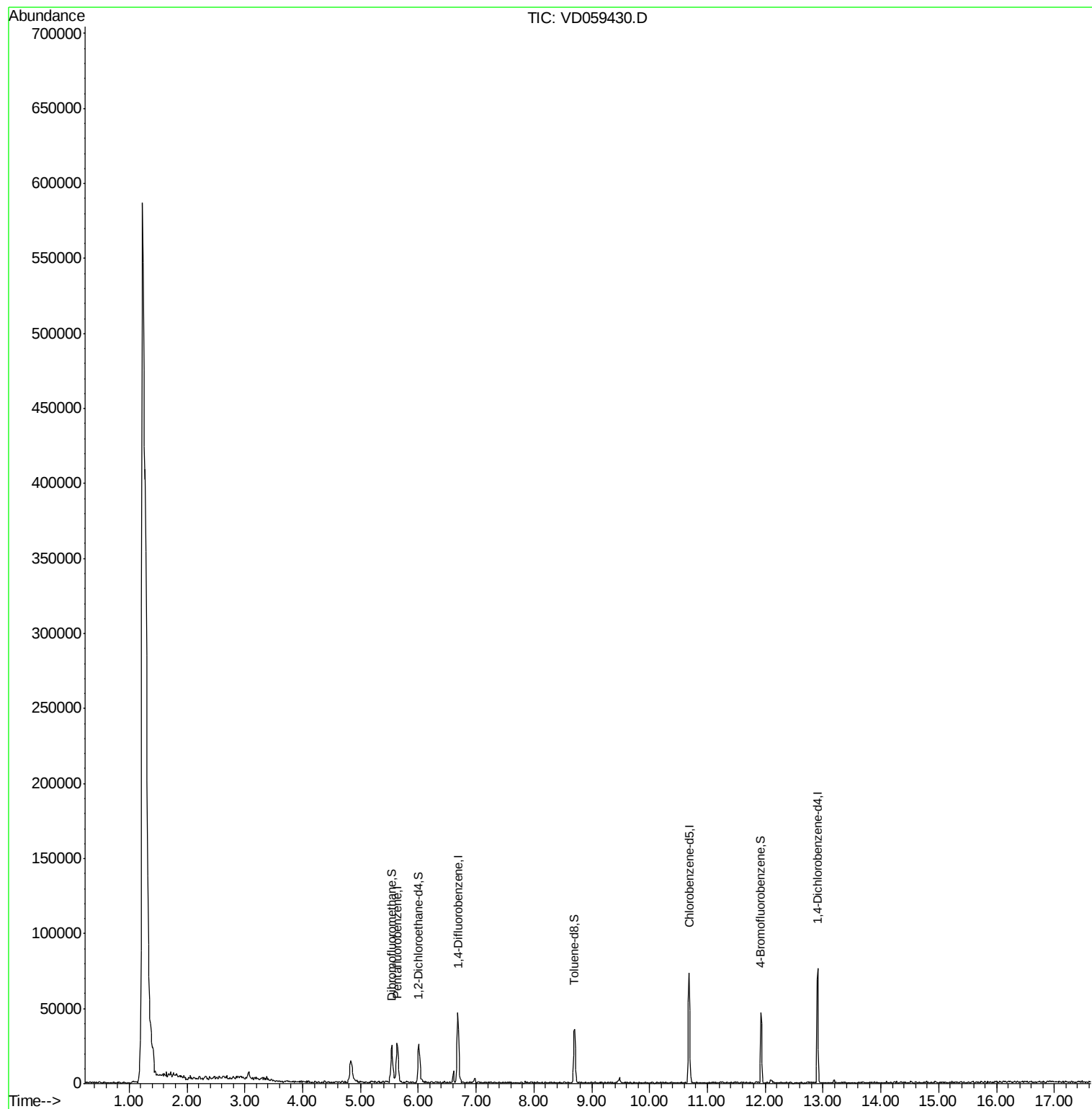
Target Compounds	Qvalue

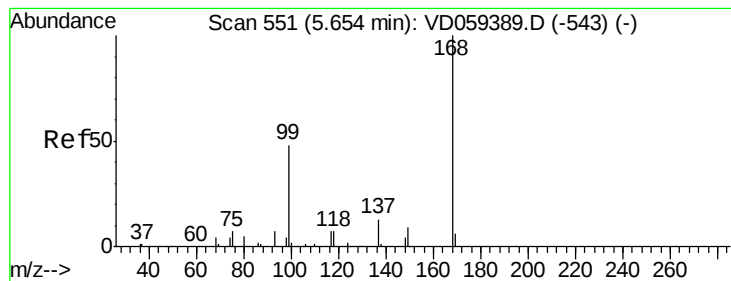
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059430.D

Acq: 26 Jun 2018 18:17

Instrument :

MSVOA_D

ClientSampleId :

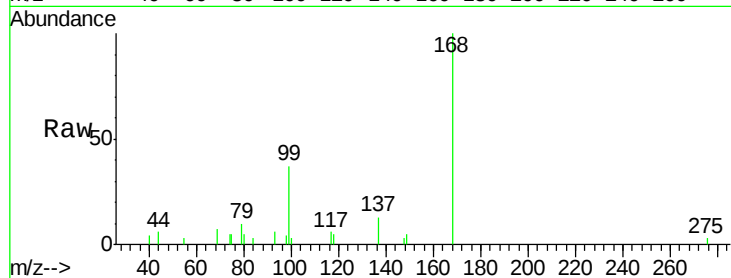
RO-5-8

Tot Ion:168 Resp: 28181

Ion Ratio Lower Upper

168 100

99 36.6 41.0 61.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

12000

10000

8000

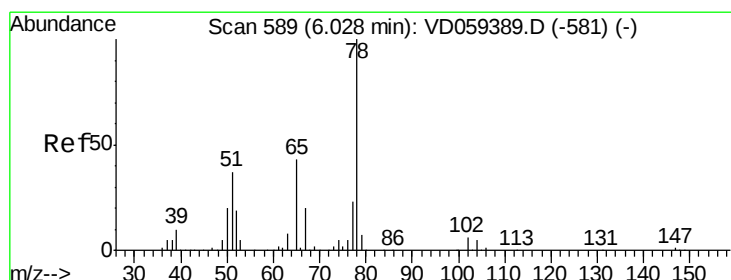
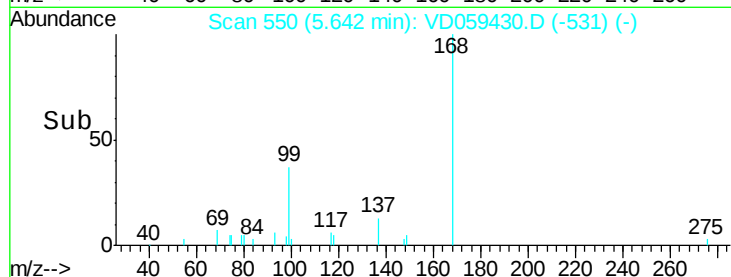
6000

4000

2000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD059430.D

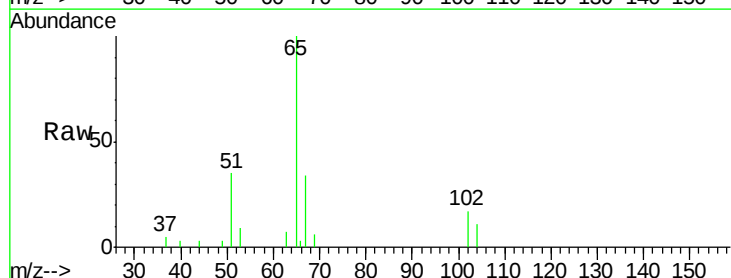
Acq: 26 Jun 2018 18:17

Tgt Ion: 65 Resp: 28012

Ion Ratio Lower Upper

65 100

67 34.4 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.01

12000

10000

8000

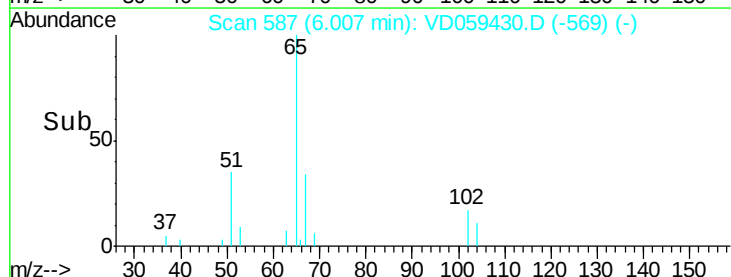
6000

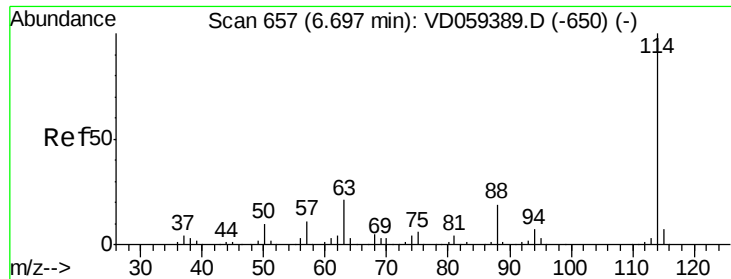
4000

2000

0

Time--> 5.90 6.00 6.10

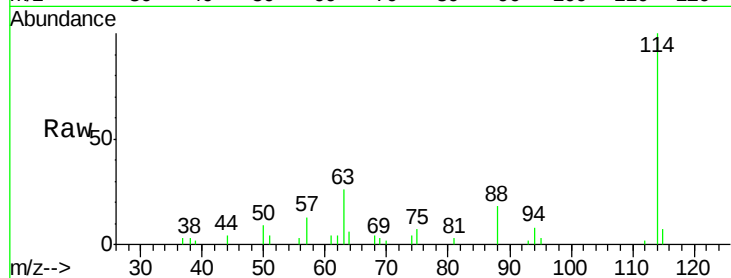




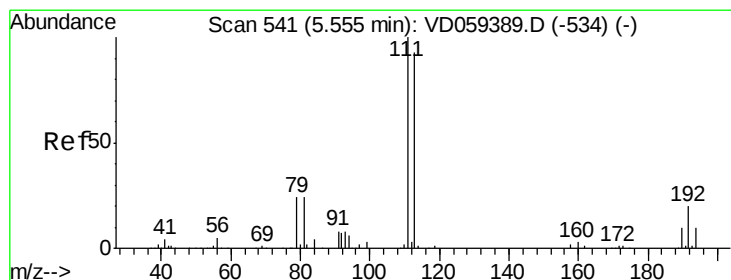
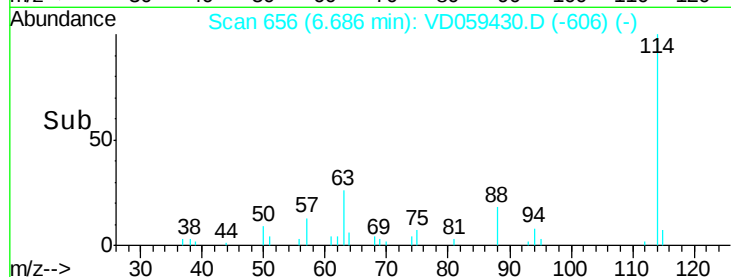
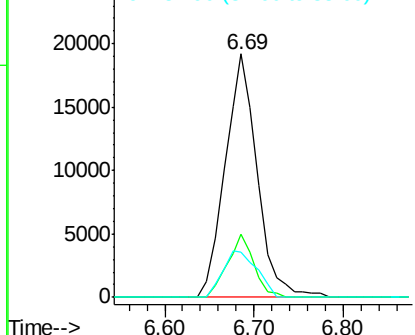
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059430.D
 Acq: 26 Jun 2018 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-5-8

Tot Ion:114 Resp: 48348
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 42.4
 88 18.4 0.0 38.0

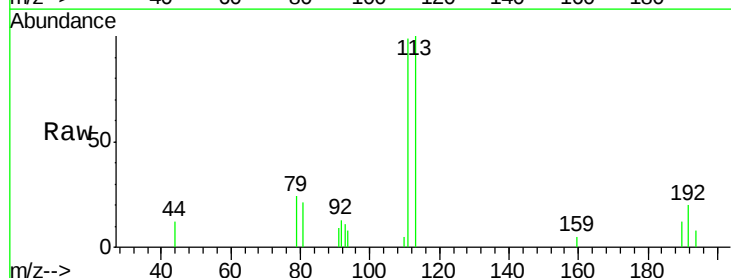


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

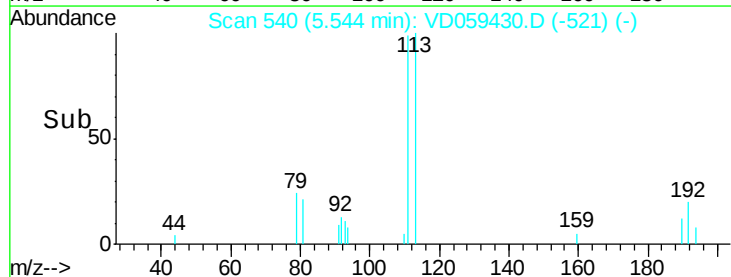
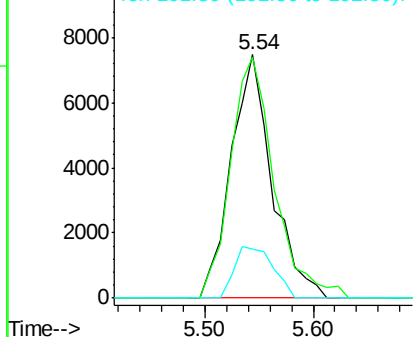


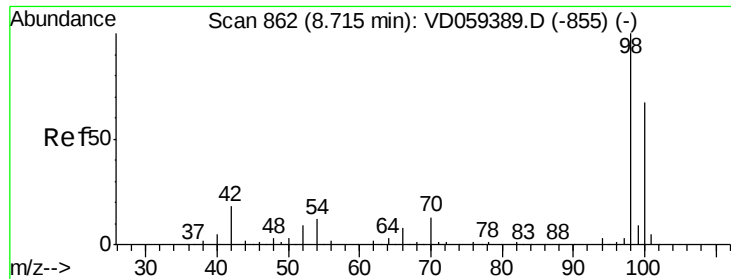
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD059430.D
 Acq: 26 Jun 2018 18:17

Tgt Ion:113 Resp: 19633
 Ion Ratio Lower Upper
 113 100
 111 98.9 85.7 128.5
 192 20.3 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

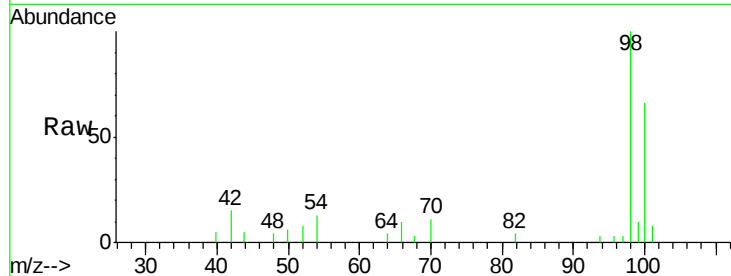




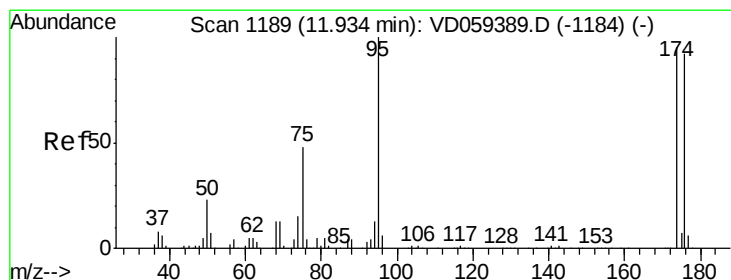
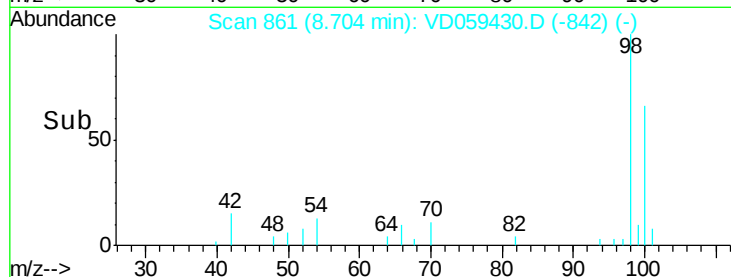
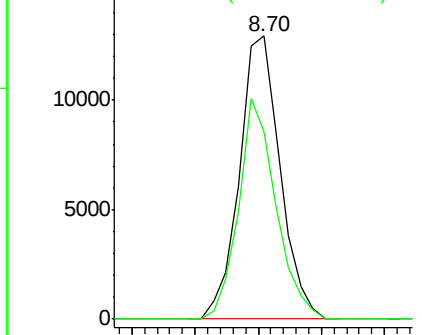
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059430.D
Acq: 26 Jun 2018 18:17

Instrument :
MSVOA_D
ClientSampleID :
RO-5-8

Tot Ion: 98 Resp: 28880
Ion Ratio Lower Upper
98 100
100 66.3 54.4 81.6

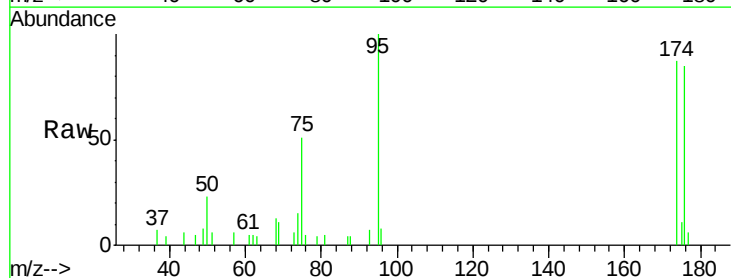


Abundance Ion 98.05 (97.75 to 98.75): VD059389.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059389.D (-855) (-)

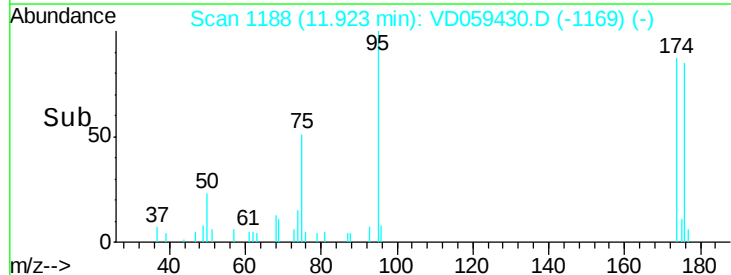
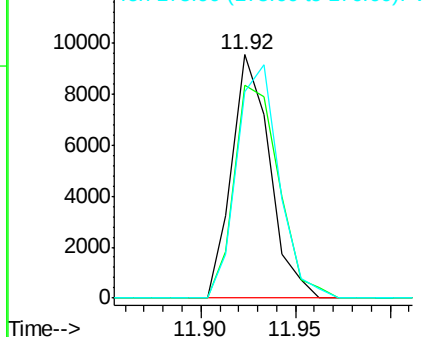


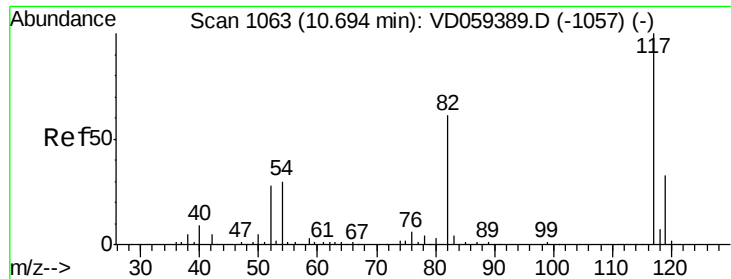
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059430.D
Acq: 26 Jun 2018 18:17

Tgt Ion: 95 Resp: 13249
Ion Ratio Lower Upper
95 100
174 87.3 0.0 190.4
176 84.6 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) (-)

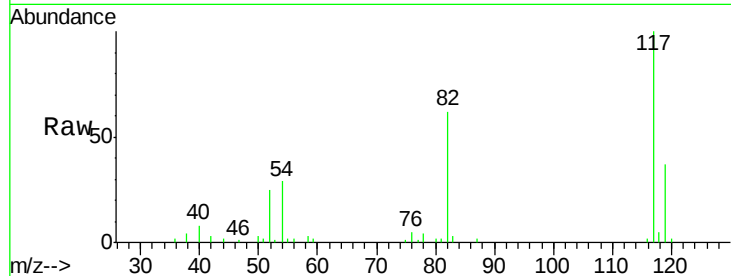




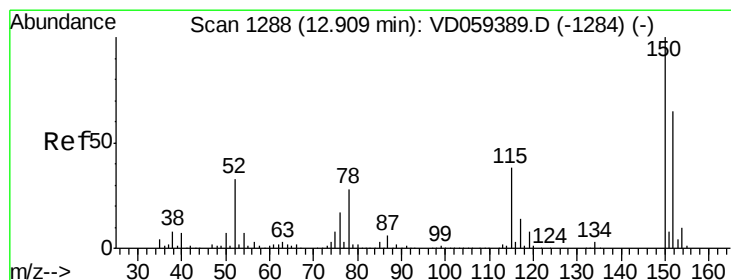
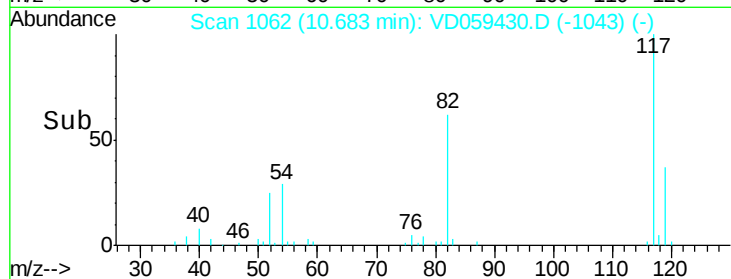
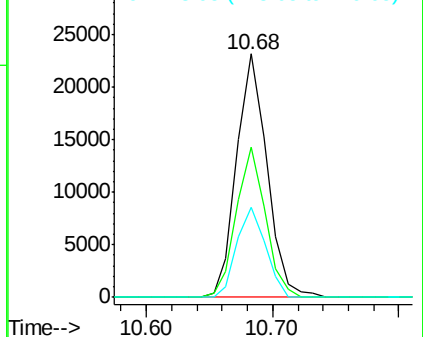
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059430.D
Acq: 26 Jun 2018 18:17

Instrument :
MSVOA_D
ClientSampleId :
RO-5-8

Tot Ion:117 Resp: 38674
Ion Ratio Lower Upper
117 100
82 61.9 49.0 73.6
119 36.7 26.2 39.4

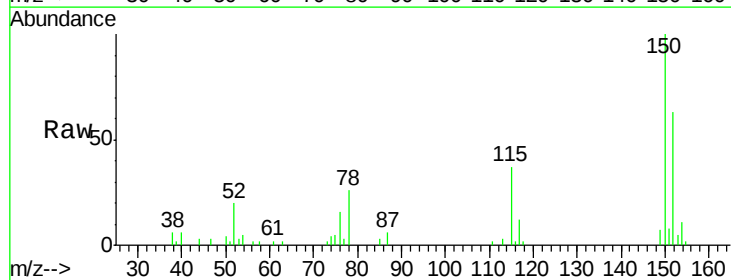


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059430.D
Acq: 26 Jun 2018 18:17

Tgt Ion:152 Resp: 17175
Ion Ratio Lower Upper
152 100
115 58.8 29.4 88.3
150 159.2 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

