

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059485.D
 Acq On : 29 Jun 2018 11:57
 Operator : VA/AP
 Sample : VD0629SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 30 00:49:25 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	5.64	168	962930	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	1237972	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	980747	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	518710	50.00	ug/l	0.00

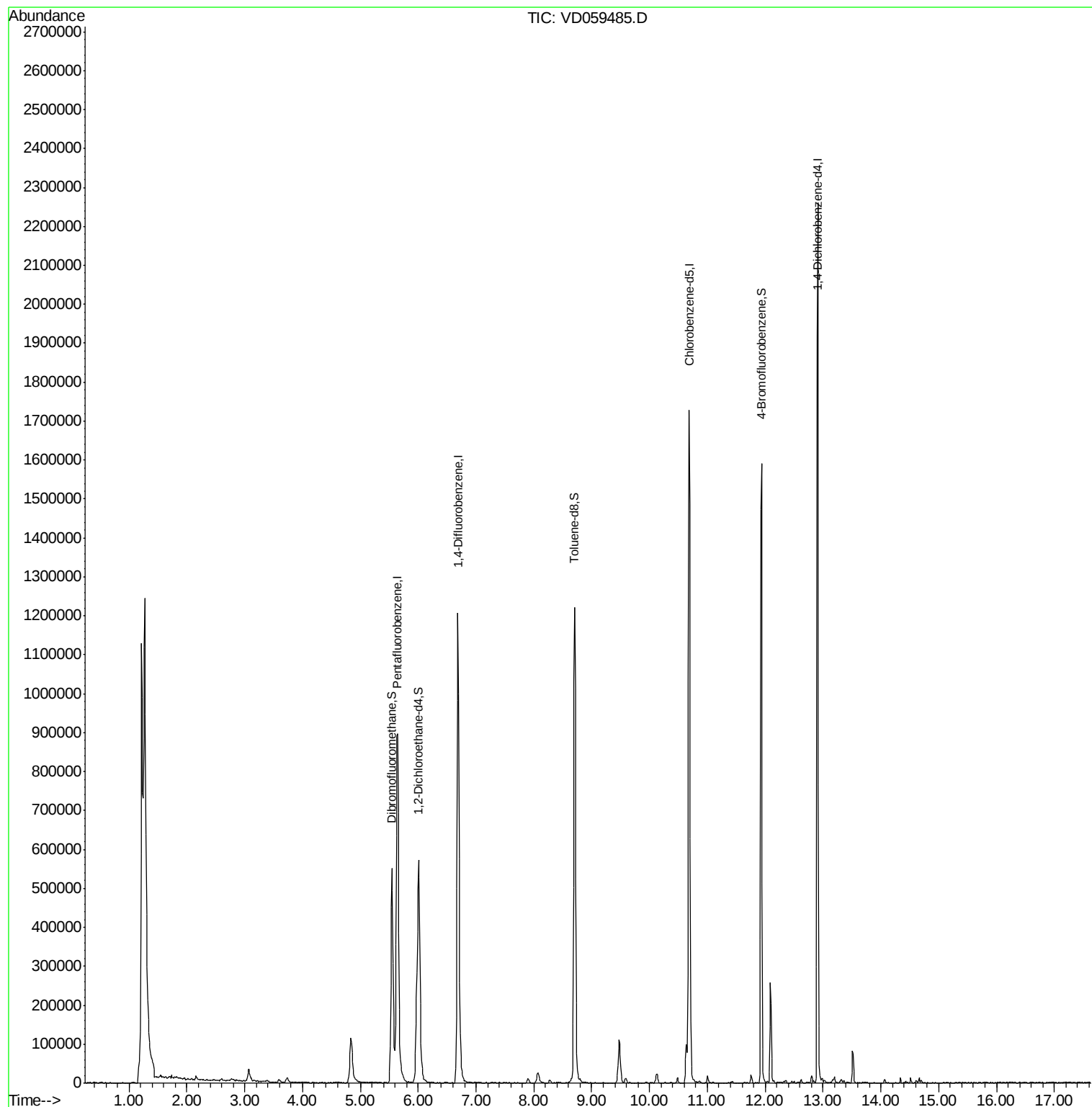
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	407546	41.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	82.78%	
35) Dibromofluoromethane	5.55	113	432395	42.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.76%	
50) Toluene-d8	8.71	98	999509	42.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	84.80%	
62) 4-Bromofluorobenzene	11.92	95	440424	44.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.84%	

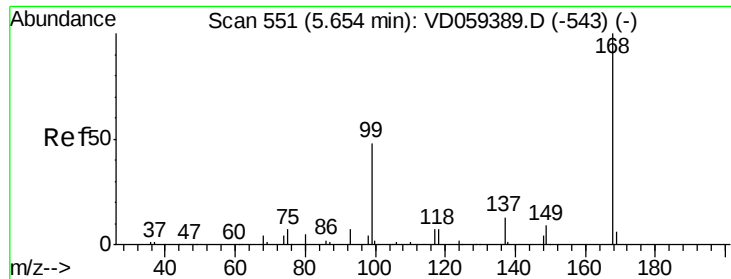
Target Compounds	Qvalue

(#) = 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: VD059485.D

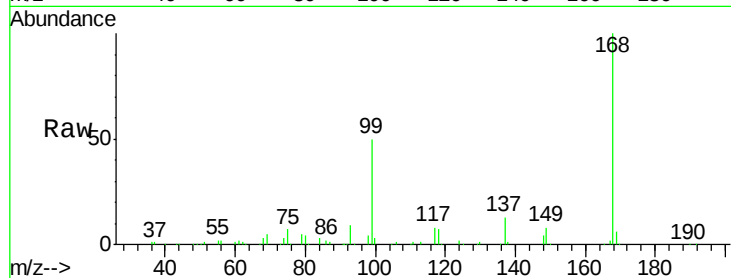
Acq: 29 Jun 2018 11:57

Tot Ion:168 Resp: 962930

Ion Ratio Lower Upper

168 100

99 49.9 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

300000

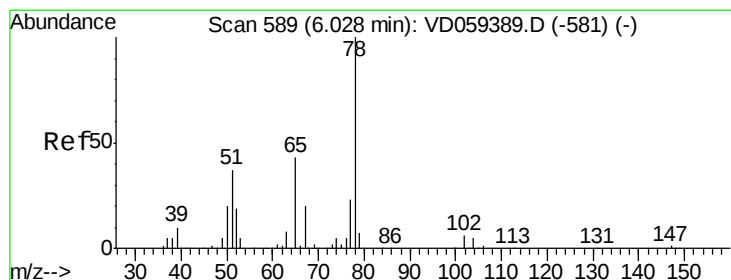
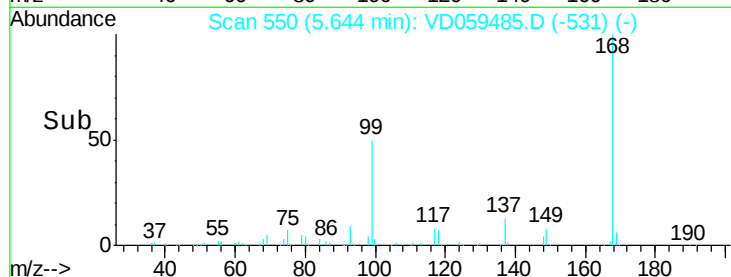
200000

100000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059485.D

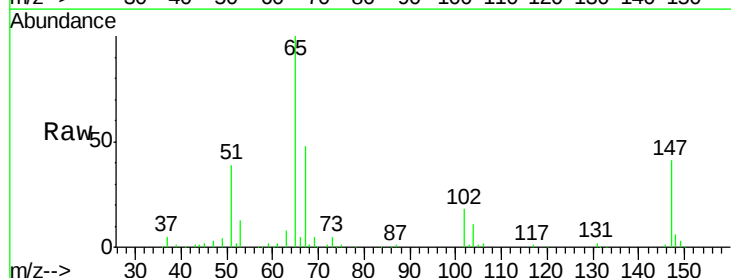
Acq: 29 Jun 2018 11:57

Tgt Ion: 65 Resp: 407546

Ion Ratio Lower Upper

65 100

67 48.3 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

150000

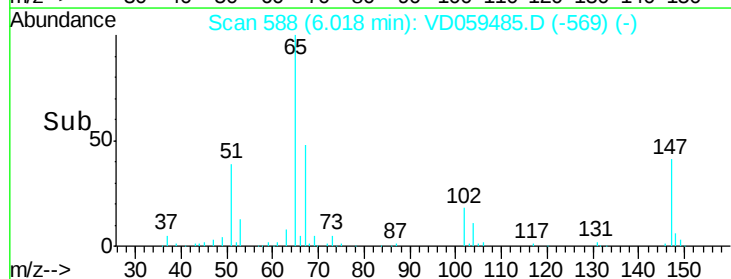
100000

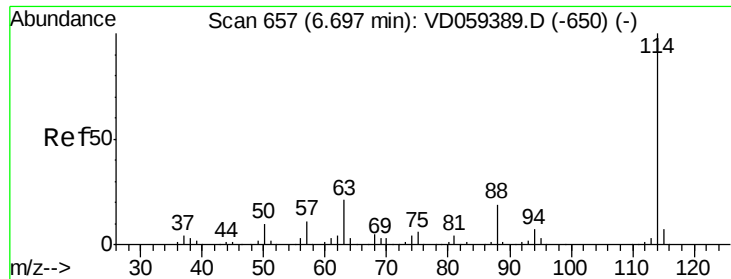
50000

0

Time-->

5.90 6.00 6.10 6.20

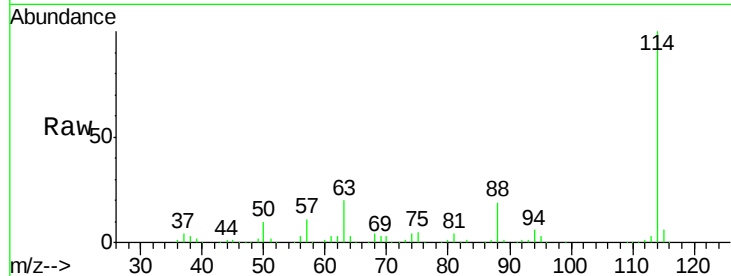




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD059485.D
Acq: 29 Jun 2018 11:57

Tot Ion:114 Resp: 1237972

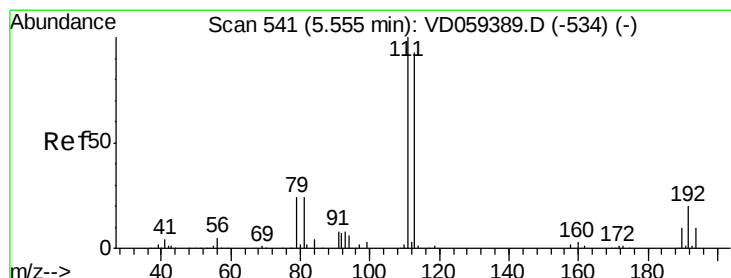
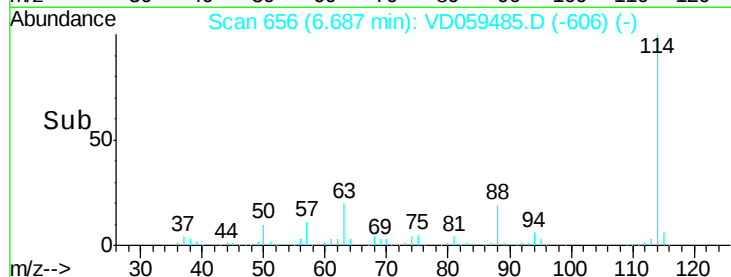
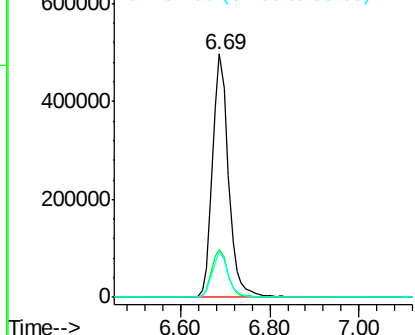
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	19.0	0.0	38.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

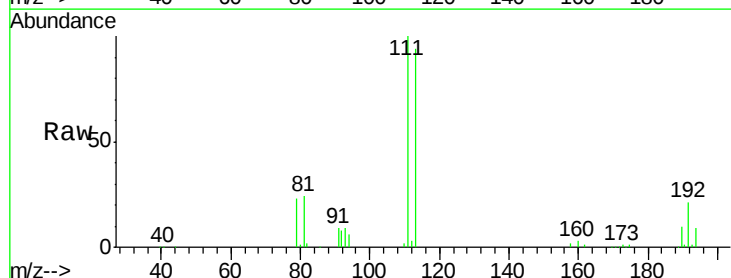
Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.55 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD059485.D
Acq: 29 Jun 2018 11:57

Tgt Ion:113 Resp: 432395

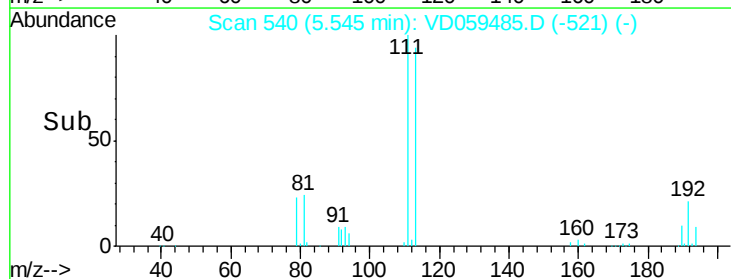
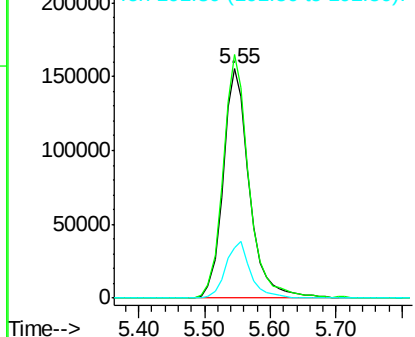
Ion	Ratio	Lower	Upper
113	100		
111	106.2	85.7	128.5
192	21.9	16.9	25.3

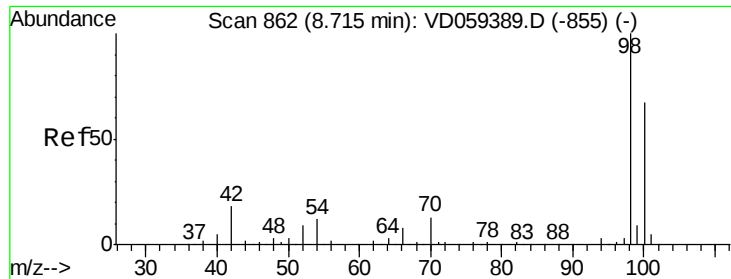


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

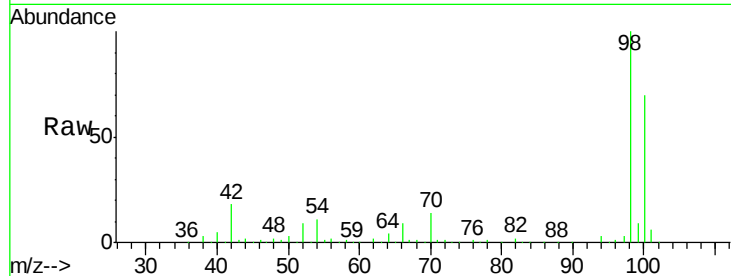
Ion 191.80 (191.50 to 192.50): V



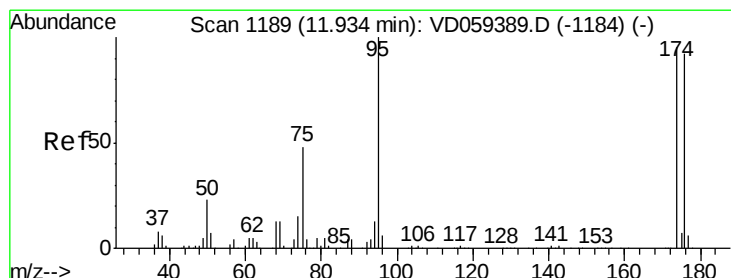
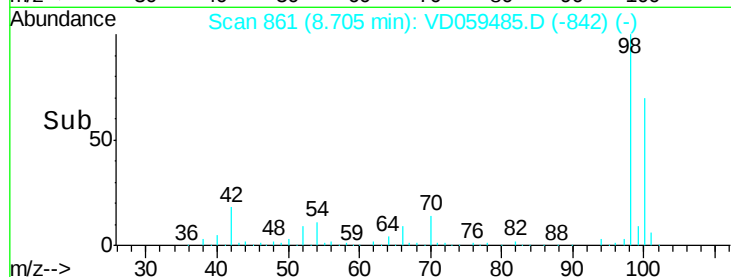
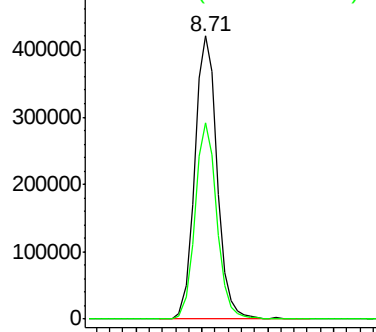


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059485.D
Acq: 29 Jun 2018 11:57

Tot Ion: 98 Resp: 999509
Ion Ratio Lower Upper
98 100
100 69.6 54.4 81.6

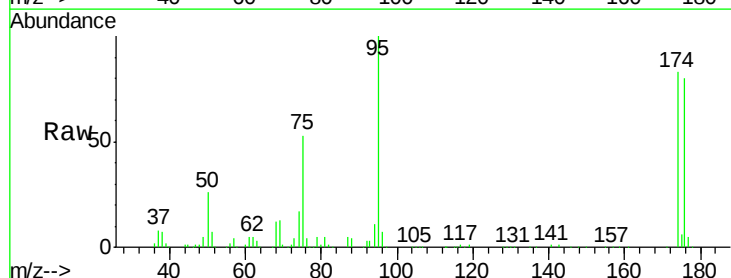


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

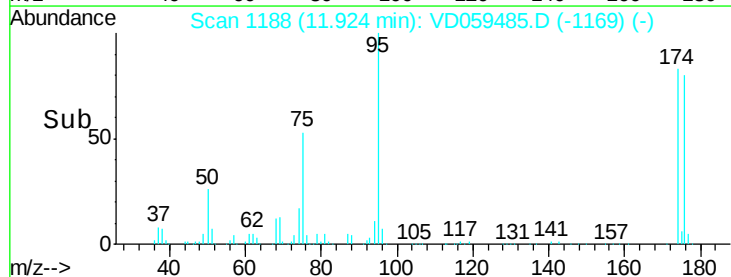
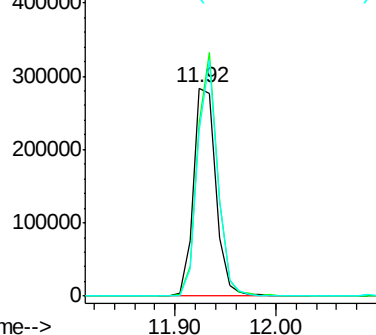


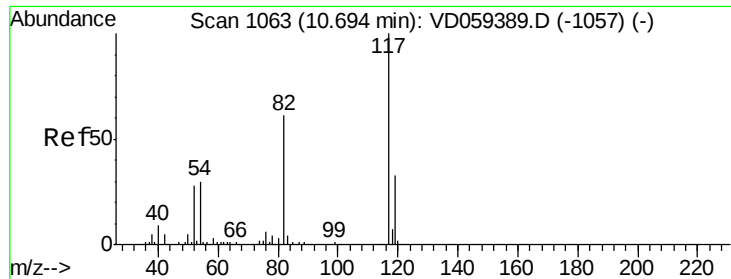
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059485.D
Acq: 29 Jun 2018 11:57

Tgt Ion: 95 Resp: 440424
Ion Ratio Lower Upper
95 100
174 83.1 0.0 190.4
176 79.7 0.0 183.2



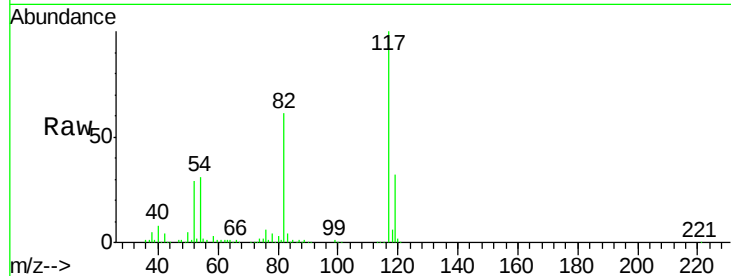
Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC



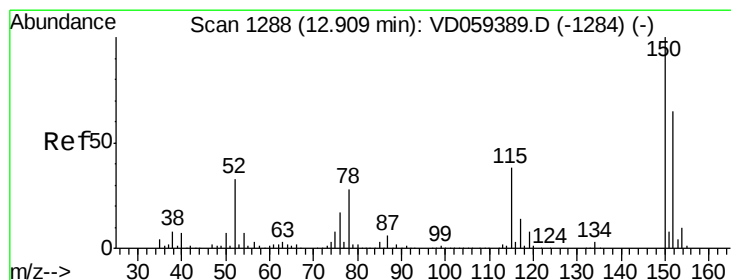
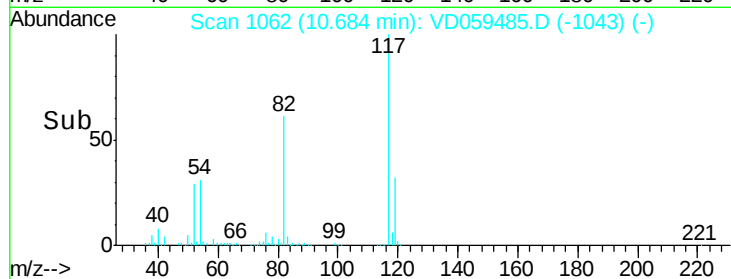
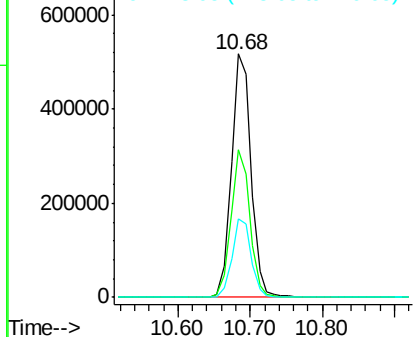


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059485.D
Acq: 29 Jun 2018 11:57

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.0	73.6
119	32.3	26.2	39.4

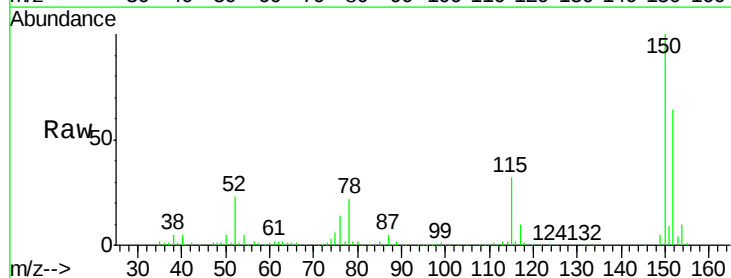


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059485.D
Acq: 29 Jun 2018 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.2	29.4	88.3
150	156.1	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

