

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059504.D
 Acq On : 29 Jun 2018 21:05
 Operator : VA/AP
 Sample : J3774-03
 Misc : 5.16g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 30 02:05:43 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	1021284	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1293819	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	1024573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	517563	50.00	ug/l	0.00

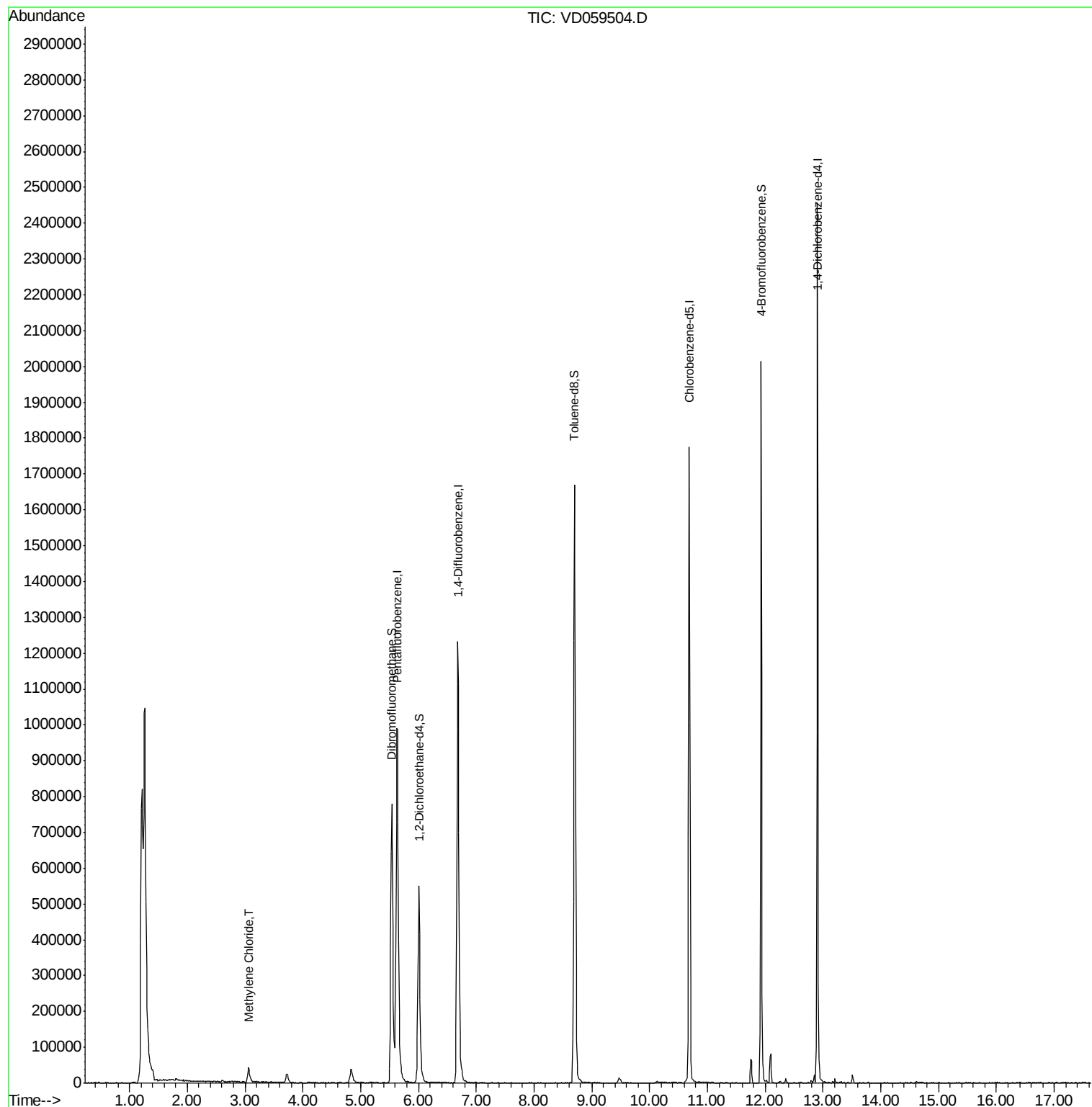
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	532872	51.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	5.54	113	616660	58.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.02%	
50) Toluene-d8	8.70	98	1313770	53.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.93	95	497316	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	

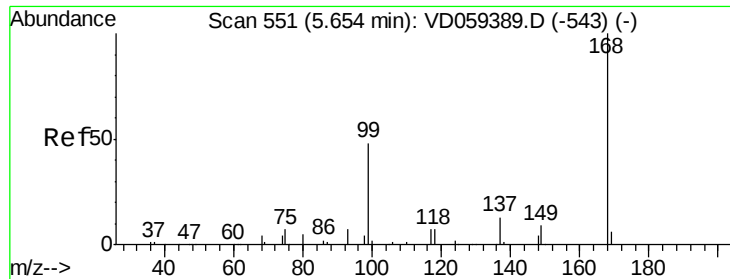
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.06	84	19157	2.89	ug/l	92

(#) = 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. -0.02 min

Lab File: VD059504.D

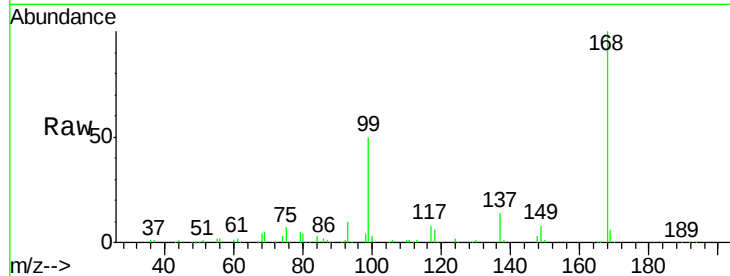
Acq: 29 Jun 2018 21:05

Tot Ion:168 Resp: 1021284

Ion Ratio Lower Upper

168 100

99 49.5 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

400000

300000

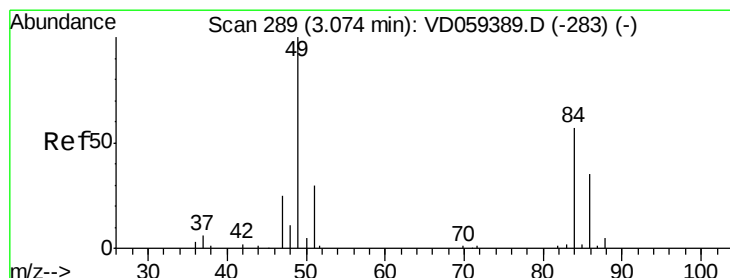
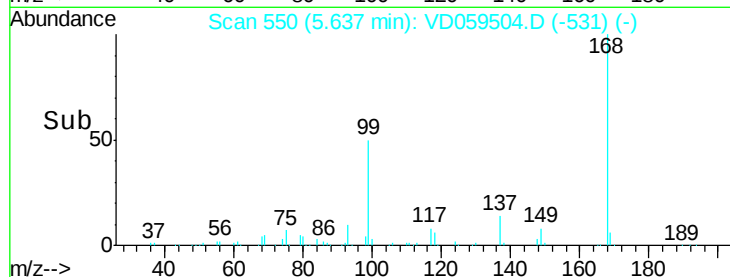
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#20

Methylene Chloride

Concen: 2.89 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.02 min

Lab File: VD059504.D

Acq: 29 Jun 2018 21:05

Tgt Ion: 84 Resp: 19157

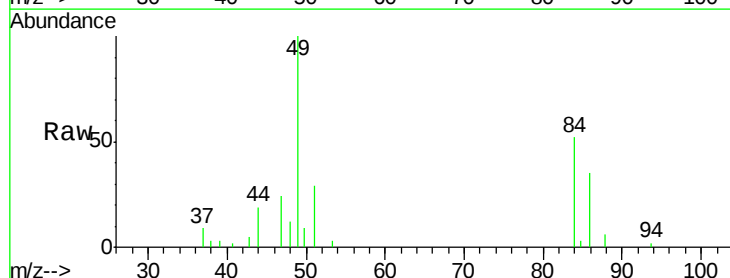
Ion Ratio Lower Upper

84 100

49 190.5 140.3 210.5

51 54.4 41.6 62.4

86 66.5 49.4 74.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

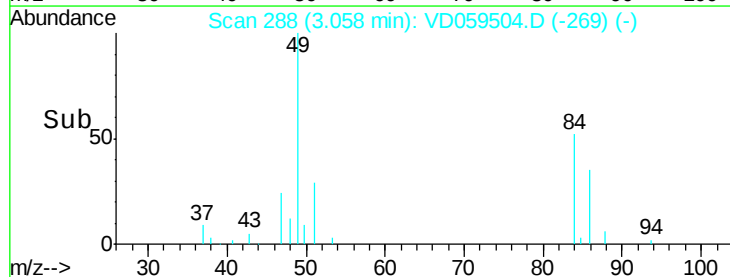
10000

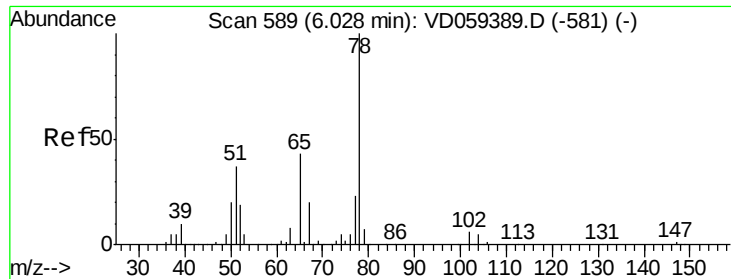
5000

0

3.00 3.10 3.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059504.D

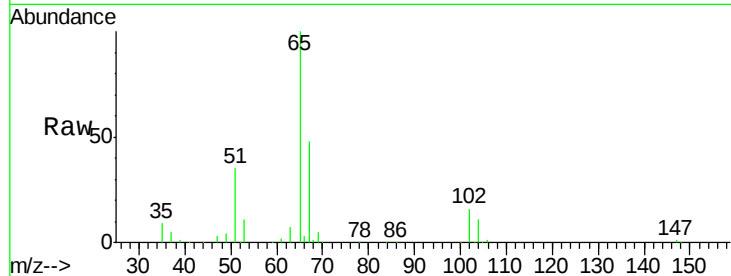
Acq: 29 Jun 2018 21:05

Tot Ion: 65 Resp: 532872

Ion Ratio Lower Upper

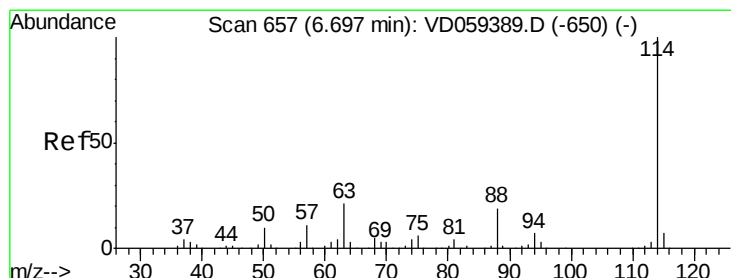
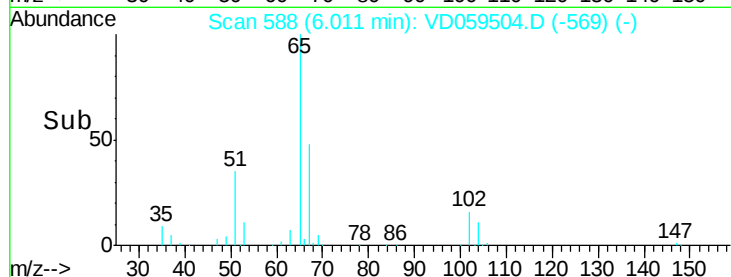
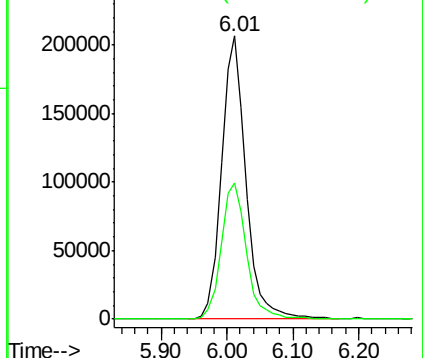
65 100

67 48.0 0.0 93.8



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: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD059504.D

Acq: 29 Jun 2018 21:05

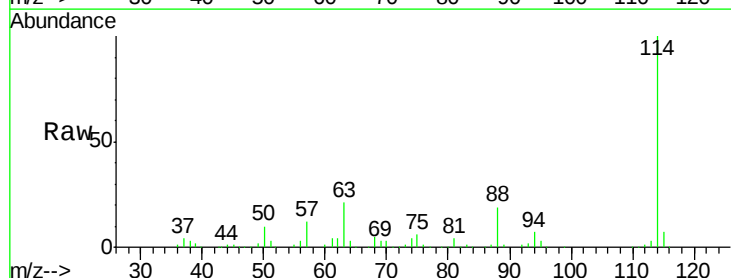
Tgt Ion: 114 Resp: 1293819

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

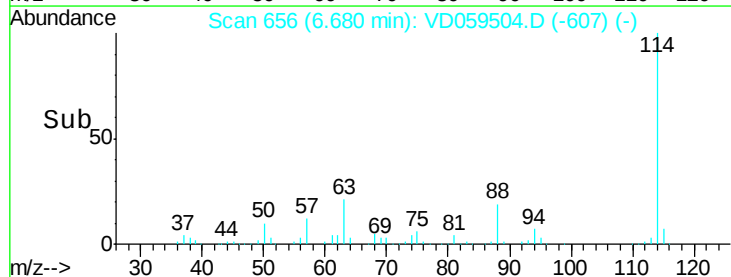
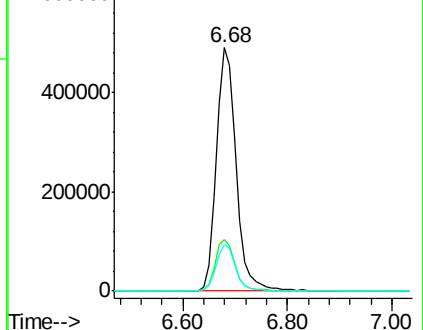
88 19.3 0.0 38.0

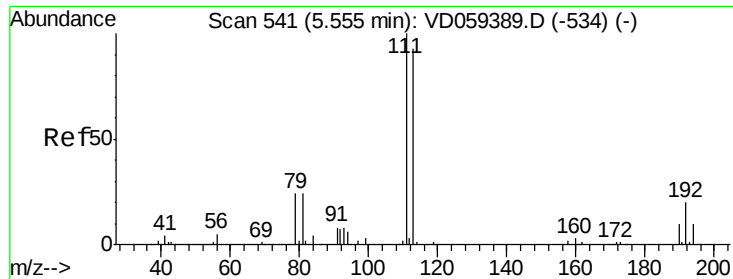


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

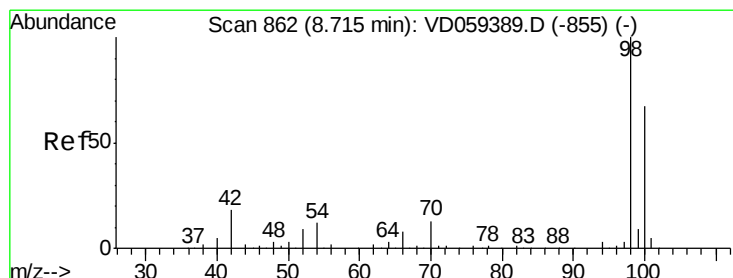
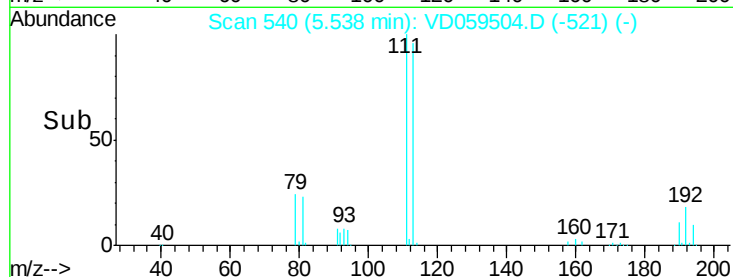
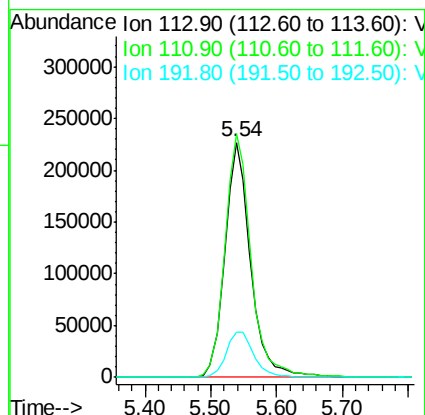
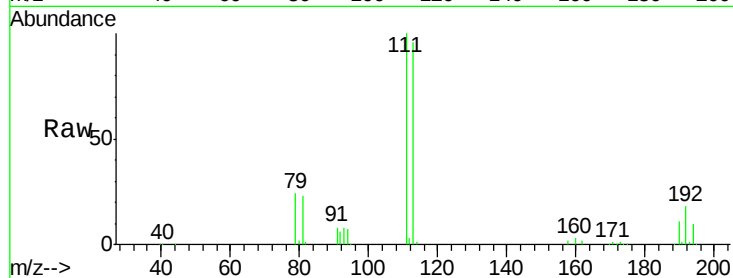
Ion 87.90 (87.60 to 88.60): VDC





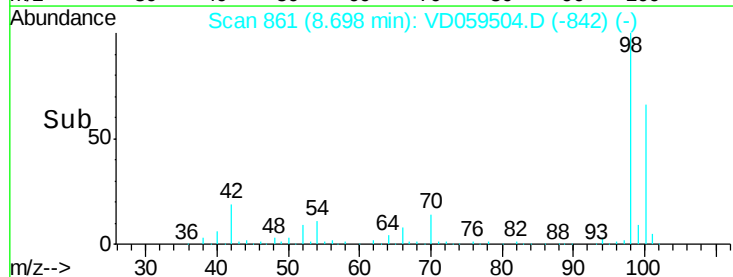
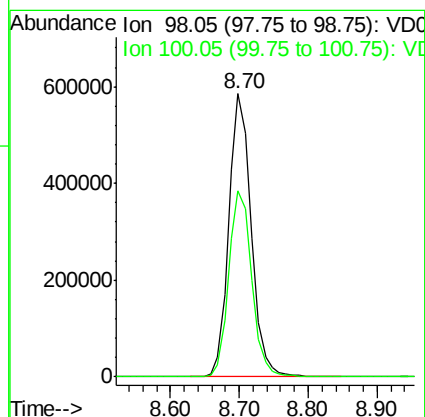
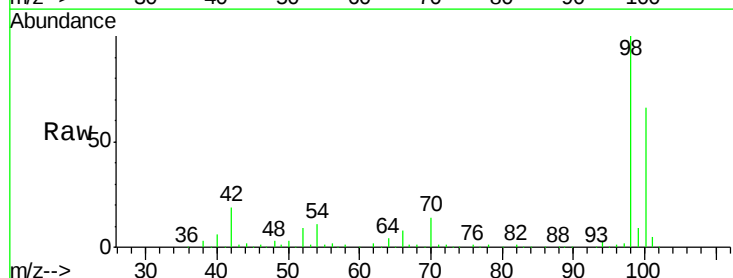
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD059504.D
Acq: 29 Jun 2018 21:05

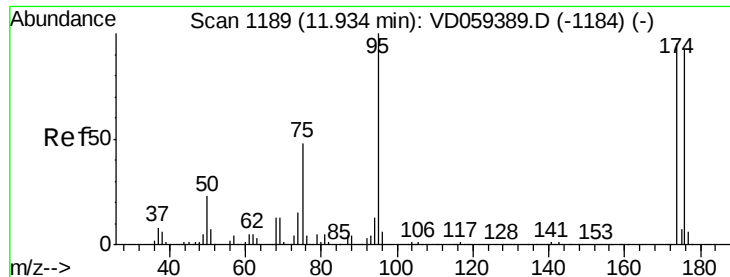
Tot Ion:113 Resp: 616660
Ion Ratio Lower Upper
113 100
111 103.7 85.7 128.5
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059504.D
Acq: 29 Jun 2018 21:05

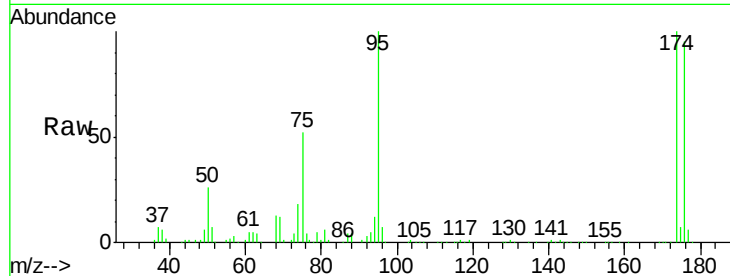
Tgt Ion: 98 Resp: 1313770
Ion Ratio Lower Upper
98 100
100 65.6 54.4 81.6



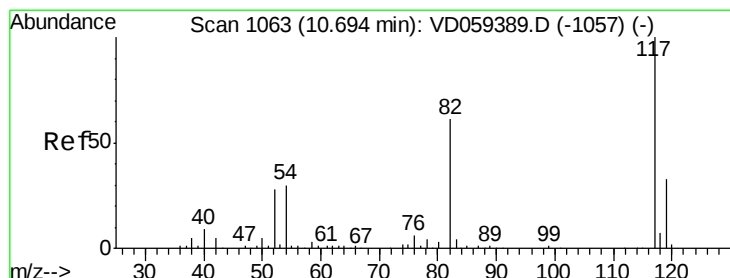
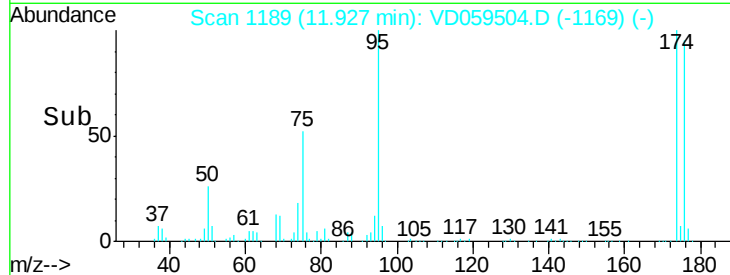
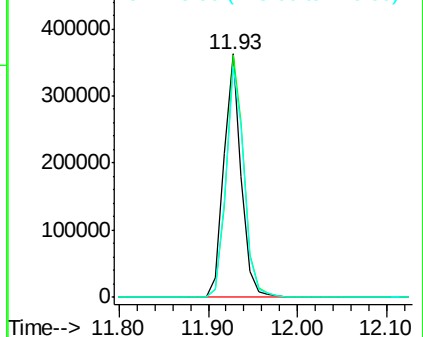


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059504.D
Acq: 29 Jun 2018 21:05

Tot Ion: 95 Resp: 497316
Ion Ratio Lower Upper
95 100
174 99.7 0.0 190.4
176 94.9 0.0 183.2

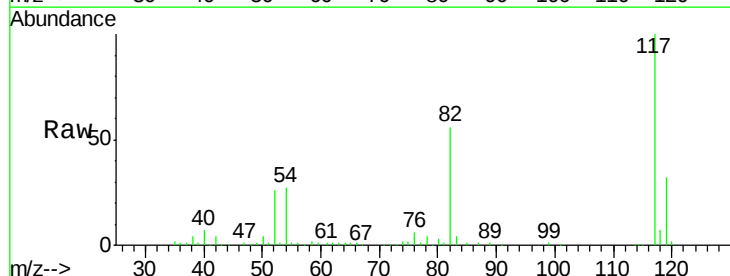


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

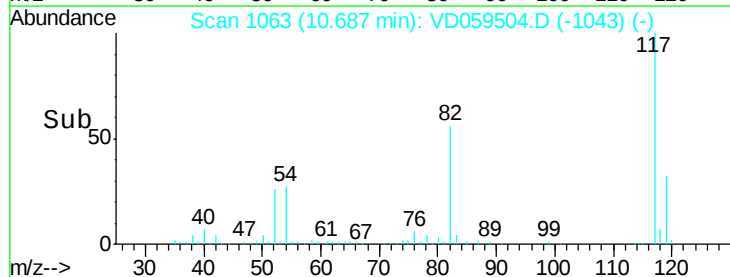
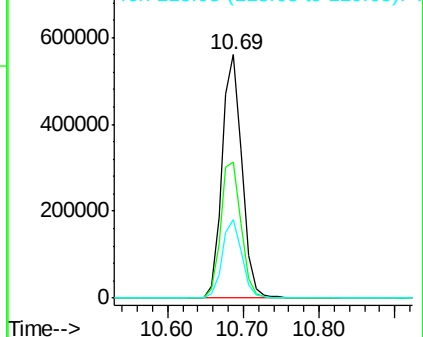


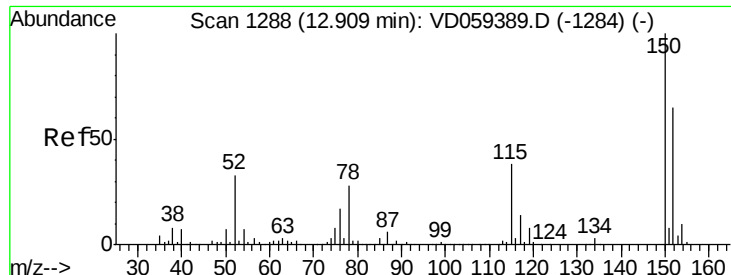
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059504.D
Acq: 29 Jun 2018 21:05

Tgt Ion: 117 Resp: 1024573
Ion Ratio Lower Upper
117 100
82 56.2 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: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD059504.D
 Acq: 29 Jun 2018 21:05

Tot	Ion:152	Resp:	517563
Ion	Ratio	Lower	Upper
152	100		
115	53.0	29.4	88.3
150	150.9	0.0	308.2

