

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059489.D
 Acq On : 29 Jun 2018 13:59
 Operator : VA/AP
 Sample : J3699-04RE
 Misc : 11.29g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

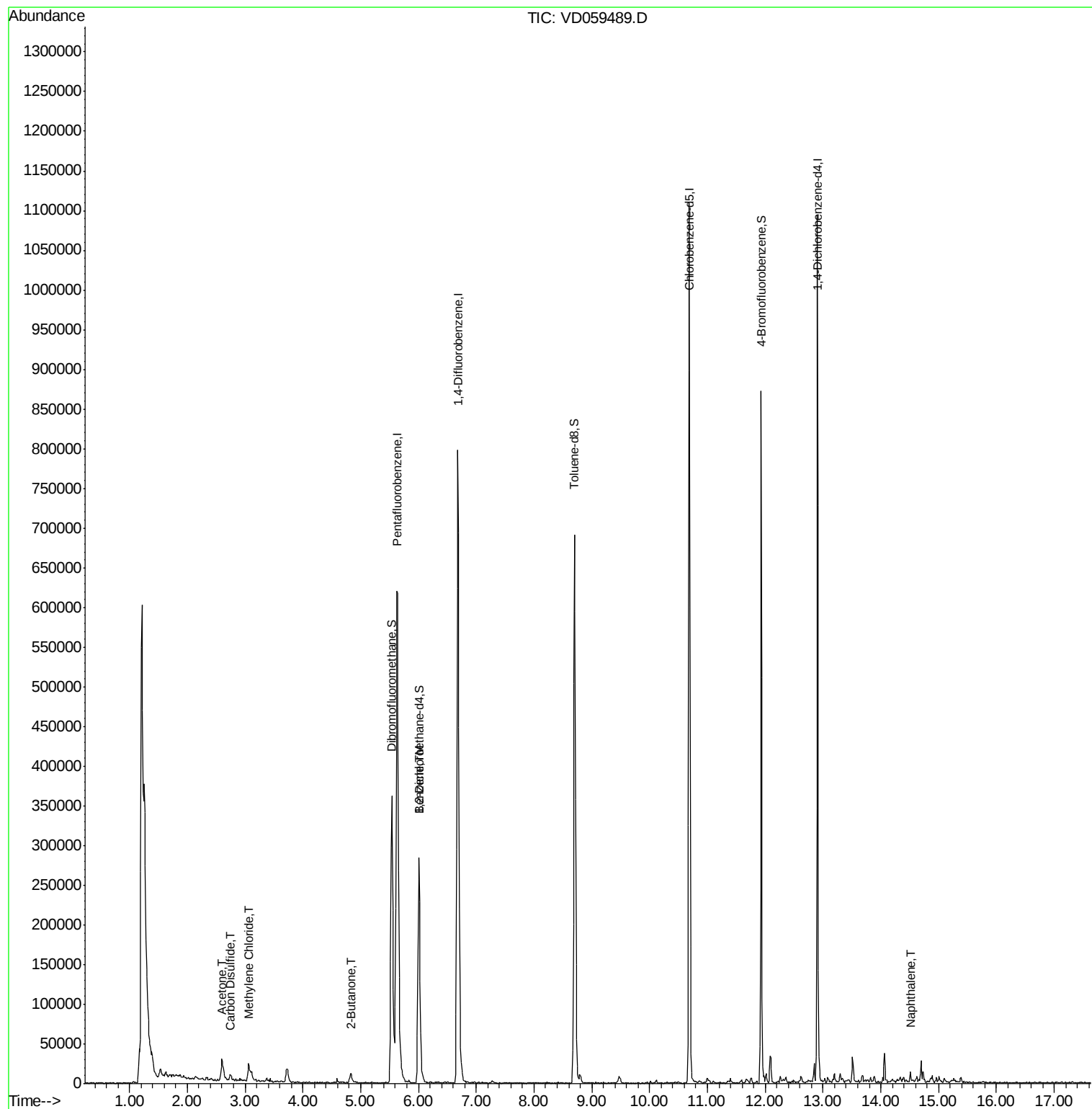
Quant Time: Jun 30 01:07:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

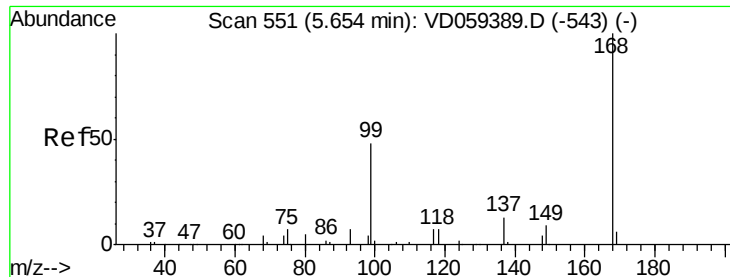
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	661813	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	827223	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	588690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	230060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	252260	37.27	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	74.54%	
35) Dibromofluoromethane	5.54	113	283908	42.14	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.28%	
50) Toluene-d8	8.70	98	548519	34.82	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	69.64%	
62) 4-Bromofluorobenzene	11.93	95	185544	28.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.64%	
Target Compounds						
16) Acetone	2.59	43	57868	67.75	ug/l #	86
17) Carbon Disulfide	2.75	76	12003	1.80	ug/l	99
20) Methylene Chloride	3.06	84	9220	1.47	ug/l	95
25) 2-Butanone	4.83	43	19682	11.00	ug/l	99
40) Benzene	6.01	78	41788	2.32	ug/l	91
95) Naphthalene	14.52	128	7510	1.02	ug/l #	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062918\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.03 min

Lab File: VD059489.D

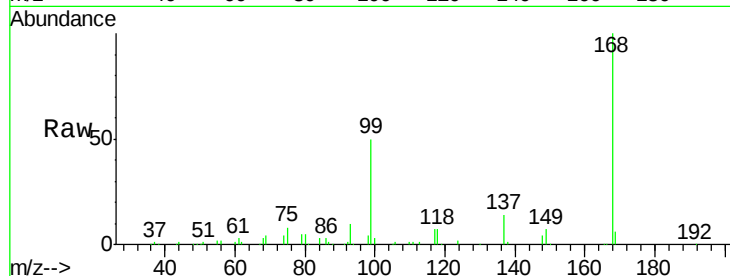
Acq: 29 Jun 2018 13:59

Tot Ion:168 Resp: 661813

Ion Ratio Lower Upper

168 100

99 50.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

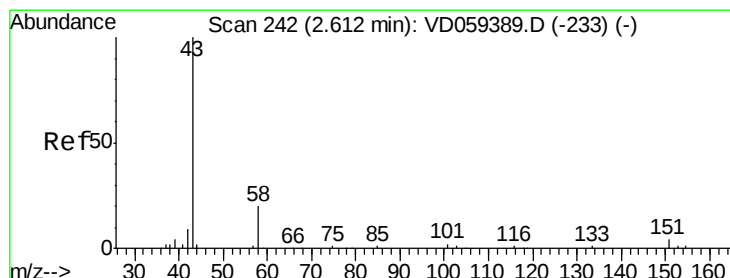
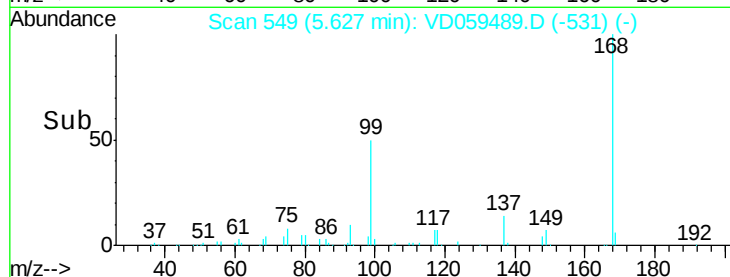
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 67.75 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059489.D

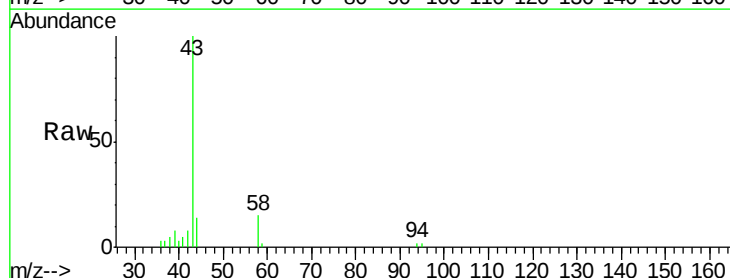
Acq: 29 Jun 2018 13:59

Tgt Ion: 43 Resp: 57868

Ion Ratio Lower Upper

43 100

58 14.7 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.59

20000

15000

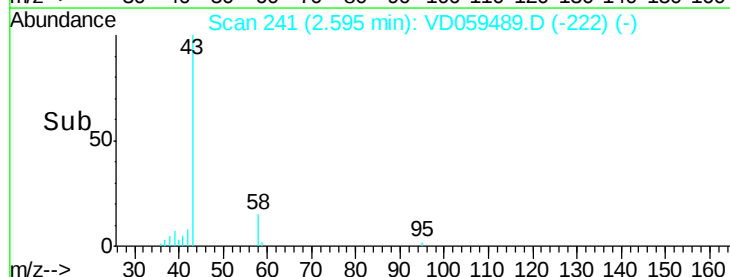
10000

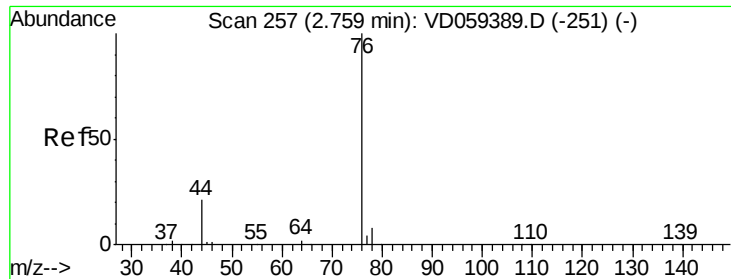
5000

0

Time-->

2.40 2.50 2.60 2.70 2.80





#17

Carbon Disulfide

Concen: 1.80 ug/l

RT: 2.75 min Scan# 257

Delta R.T. -0.01 min

Lab File: VD059489.D

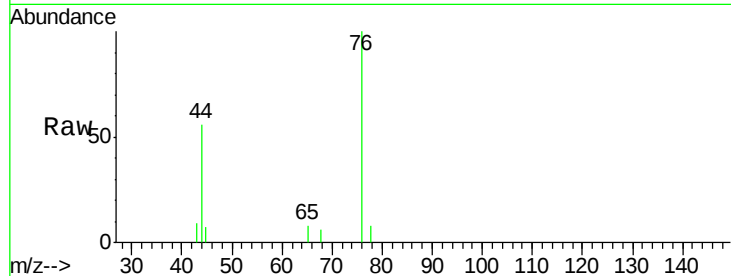
Acq: 29 Jun 2018 13:59

Tot Ion: 76 Resp: 12003

Ion Ratio Lower Upper

76 100

78 7.7 6.6 9.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

2.75

6000

5000

4000

3000

2000

1000

0

Time-->

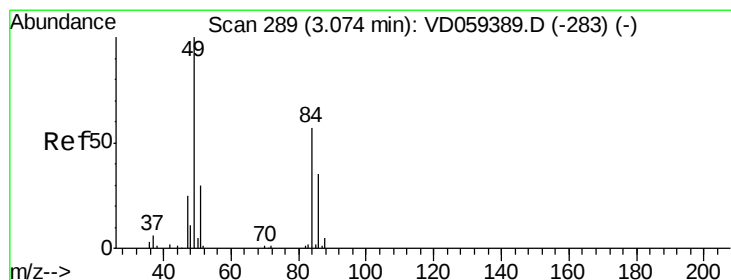
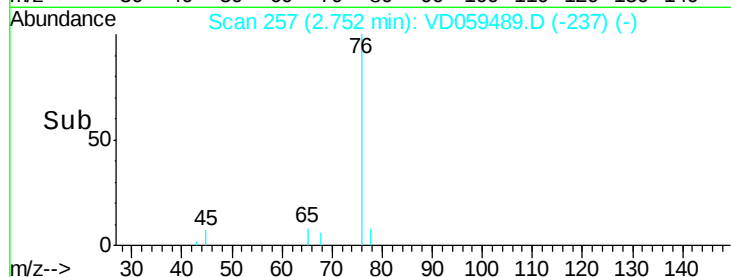
2.65

2.70

2.75

2.80

2.85



#20

Methylene Chloride

Concen: 1.47 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.02 min

Lab File: VD059489.D

Acq: 29 Jun 2018 13:59

Tgt Ion: 84 Resp: 9220

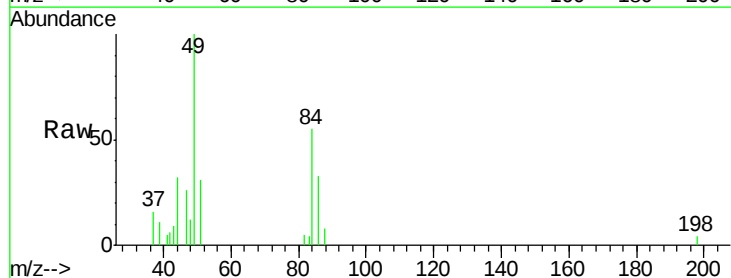
Ion Ratio Lower Upper

84 100

49 182.2 140.3 210.5

51 56.7 41.6 62.4

86 60.0 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

10000

8000

6000

4000

2000

0

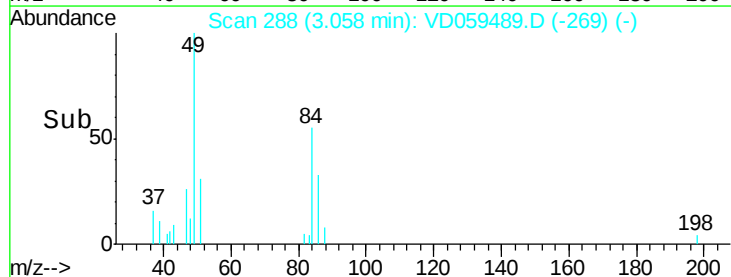
Time-->

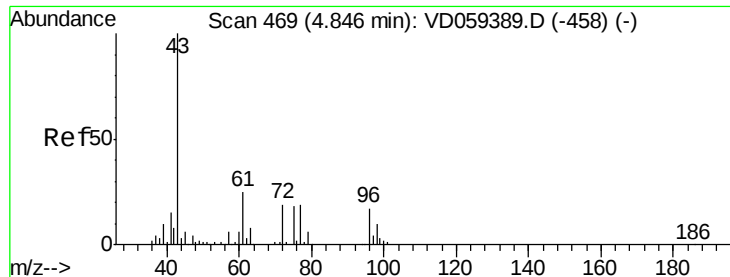
3.00

3.05

3.10

3.15





#25

2-Butanone

Concen: 11.00 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.02 min

Lab File: VD059489.D

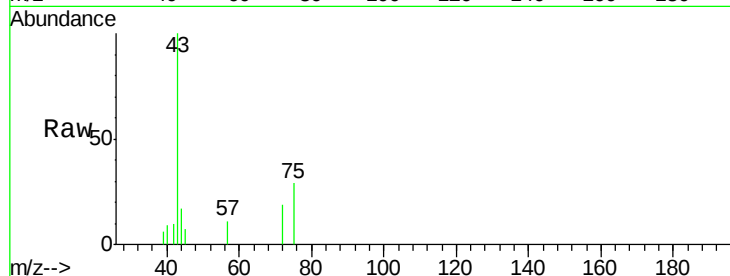
Acq: 29 Jun 2018 13:59

Tot Ion: 43 Resp: 19682

Ion Ratio Lower Upper

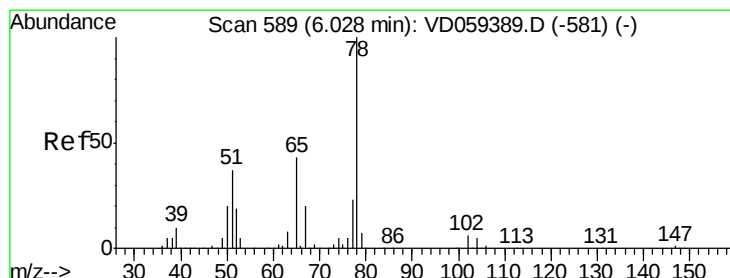
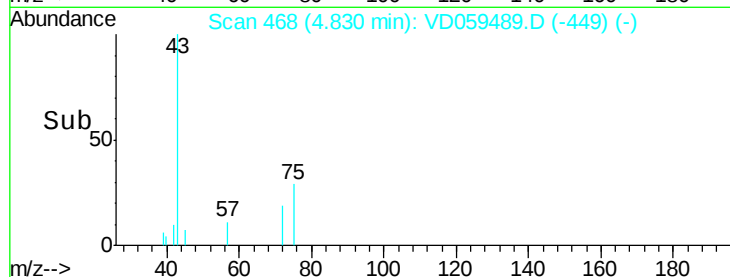
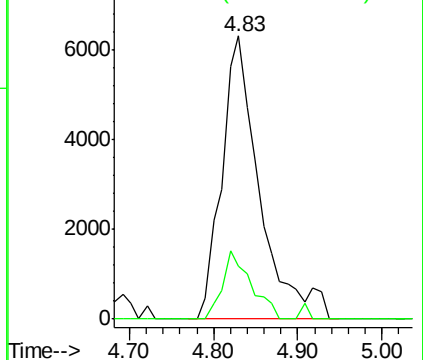
43 100

72 18.6 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059489.D

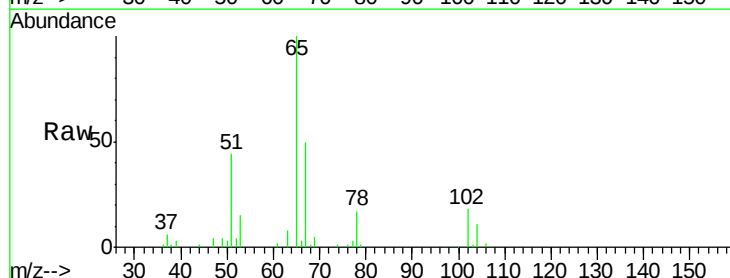
Acq: 29 Jun 2018 13:59

Tgt Ion: 65 Resp: 252260

Ion Ratio Lower Upper

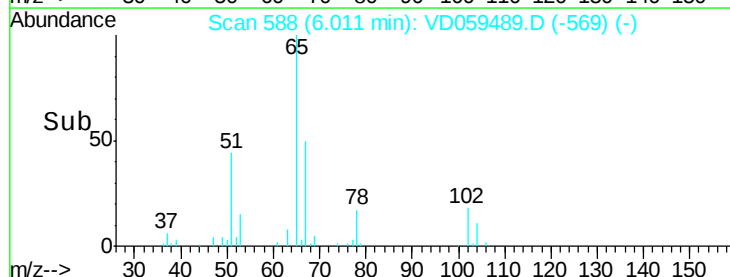
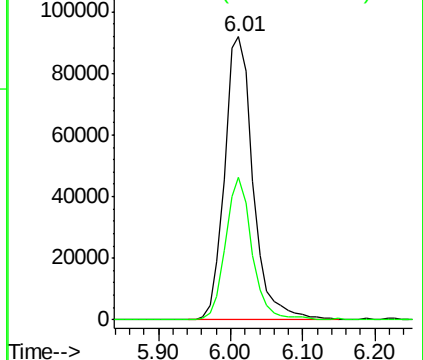
65 100

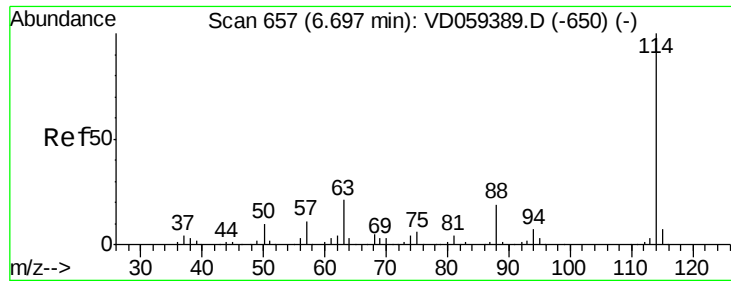
67 50.4 0.0 93.8



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: VD059489.D

Acq: 29 Jun 2018 13:59

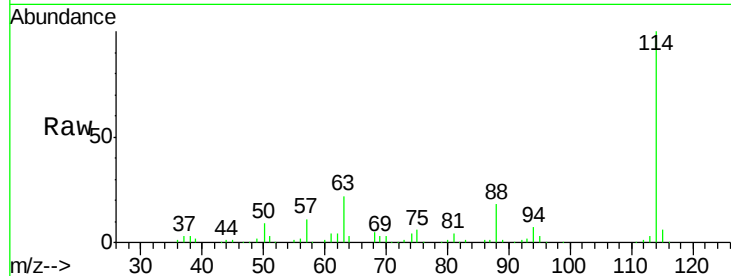
Tot Ion:114 Resp: 827223

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

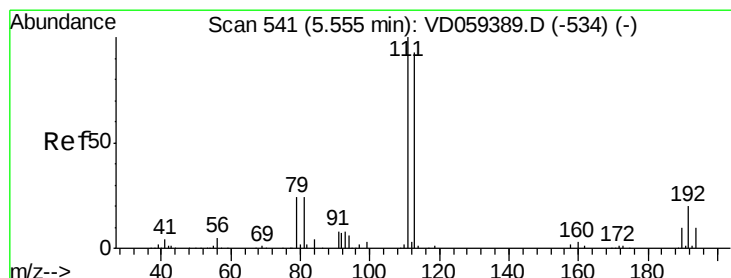
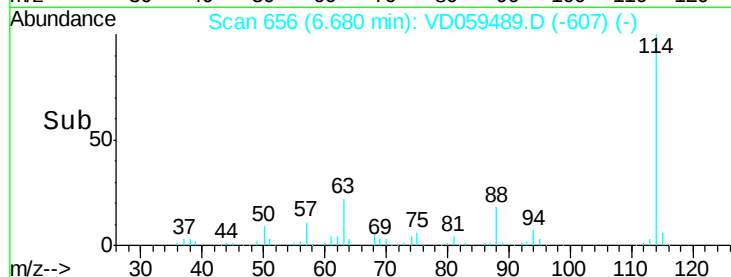
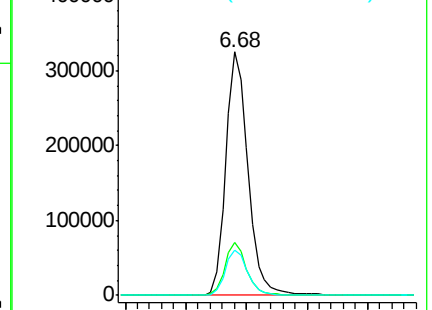
88 18.4 0.0 38.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): 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: VD059489.D

Acq: 29 Jun 2018 13:59

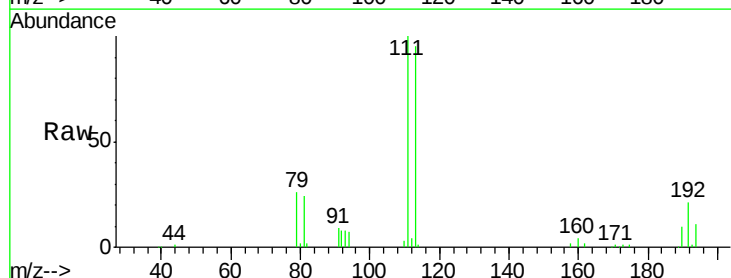
Tgt Ion:113 Resp: 283908

Ion Ratio Lower Upper

113 100

111 105.8 85.7 128.5

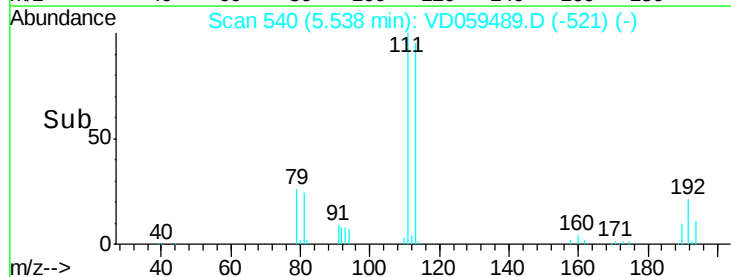
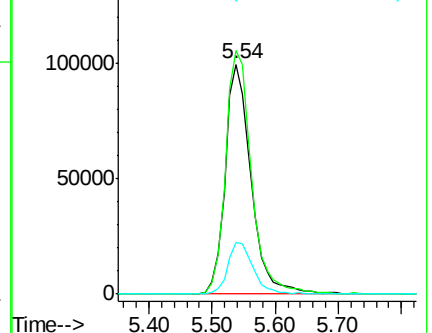
192 22.7 16.9 25.3

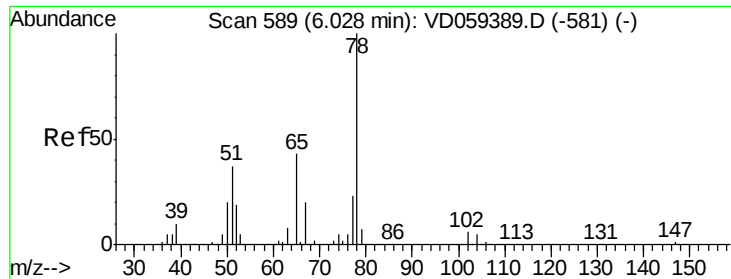


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#40

Benzene

Concen: 2.32 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059489.D

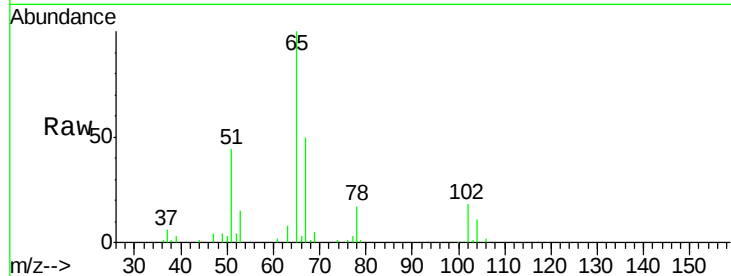
Acq: 29 Jun 2018 13:59

Tot Ion: 78 Resp: 41788

Ion Ratio Lower Upper

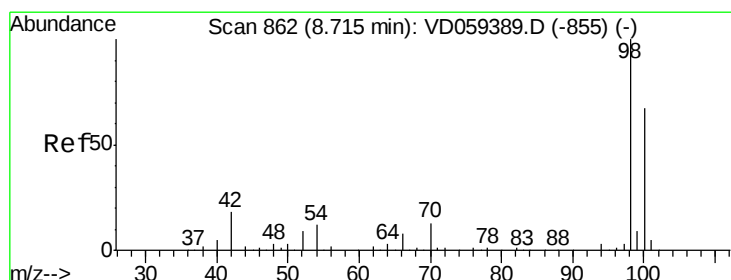
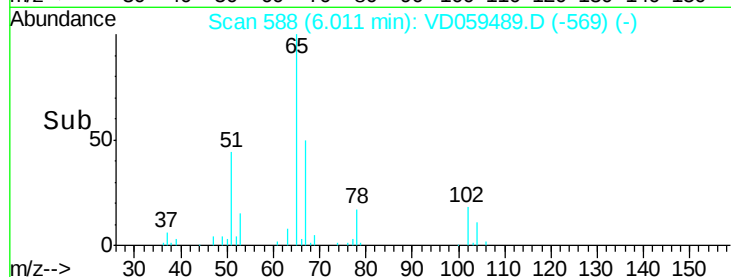
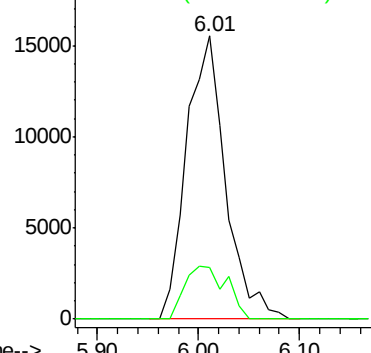
78 100

77 18.4 18.1 27.1



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059489.D

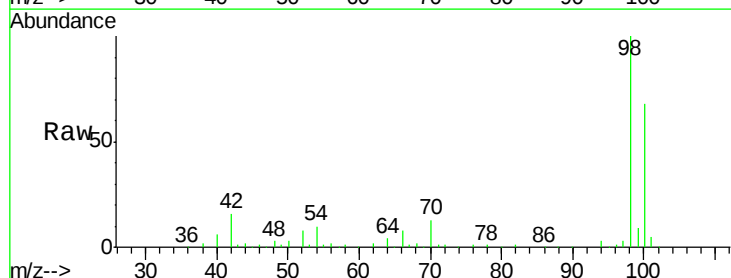
Acq: 29 Jun 2018 13:59

Tgt Ion: 98 Resp: 548519

Ion Ratio Lower Upper

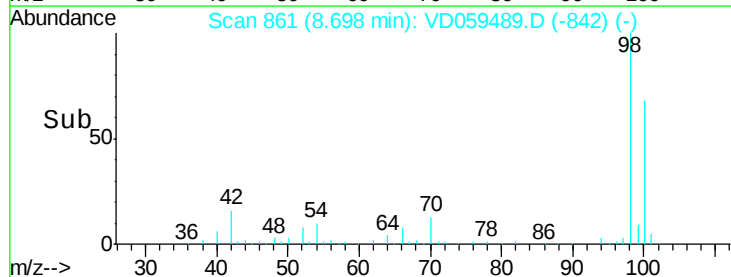
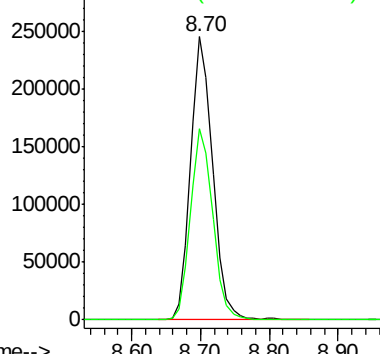
98 100

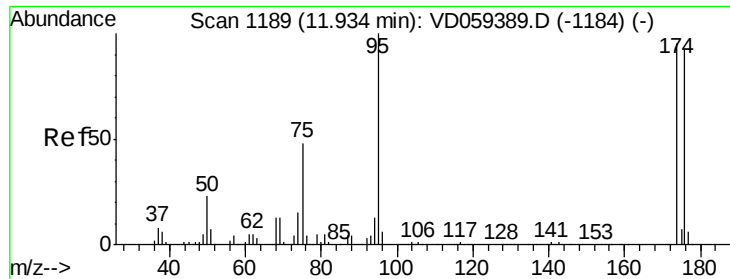
100 67.7 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

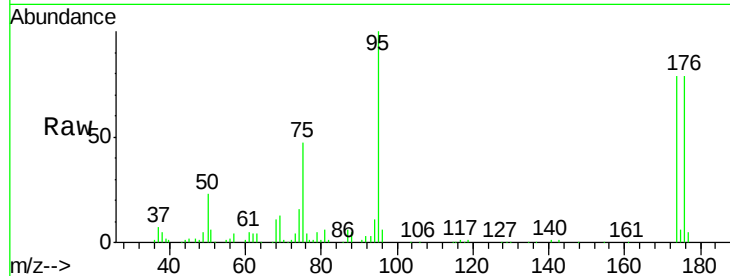
Ion 100.05 (99.75 to 100.75): VDC



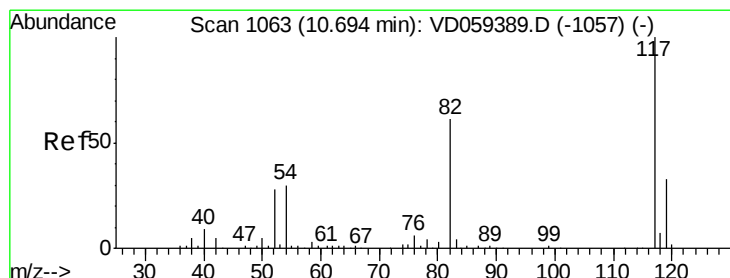
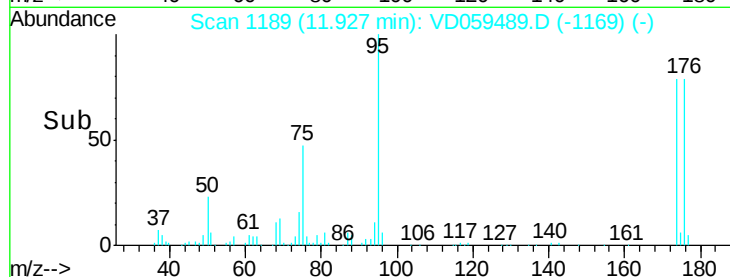
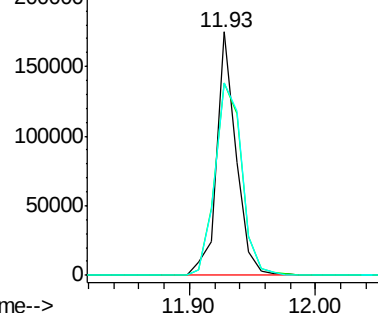


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059489.D
Acq: 29 Jun 2018 13:59

Tot Ion: 95 Resp: 185544
Ion Ratio Lower Upper
95 100
174 79.0 0.0 190.4
176 79.1 0.0 183.2

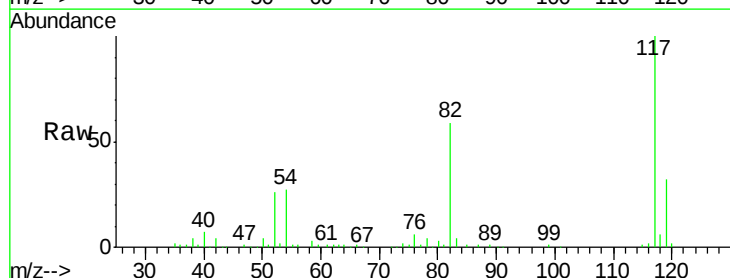


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

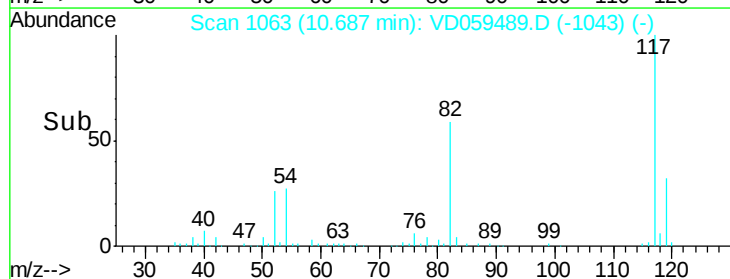
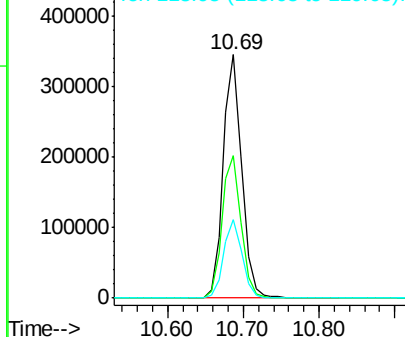


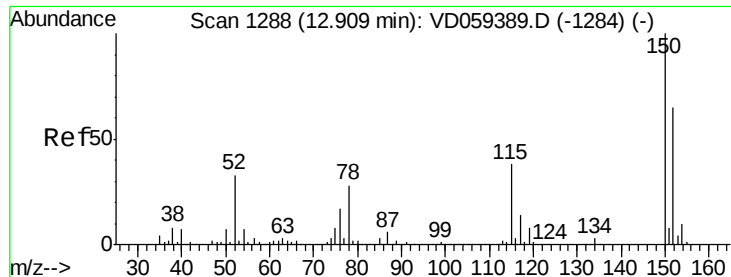
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059489.D
Acq: 29 Jun 2018 13:59

Tgt Ion: 117 Resp: 588690
Ion Ratio Lower Upper
117 100
82 58.7 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: VD059489.D

Acq: 29 Jun 2018 13:59

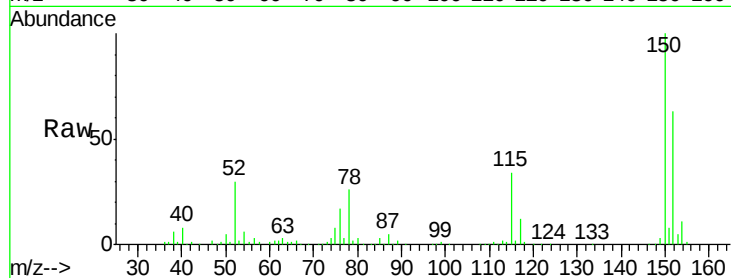
Tot Ion:152 Resp: 230060

Ion Ratio Lower Upper

152 100

115 54.0 29.4 88.3

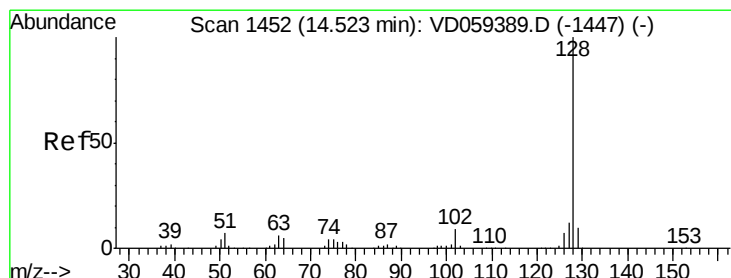
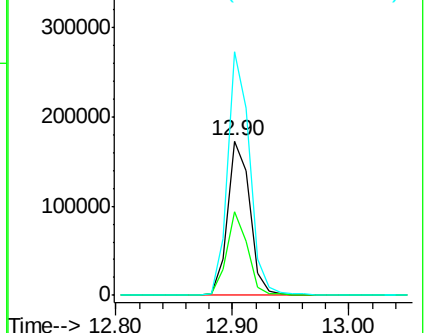
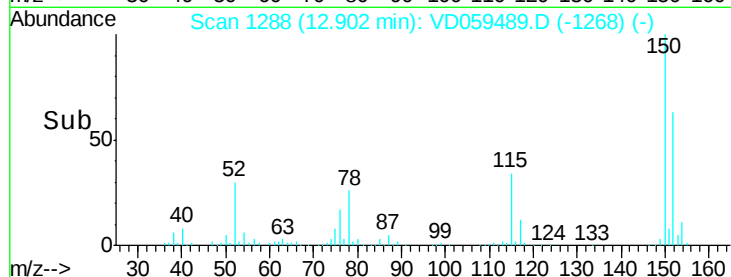
150 157.6 0.0 308.2



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



#95

Naphthalene

Concen: 1.02 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.01 min

Lab File: VD059489.D

Acq: 29 Jun 2018 13:59

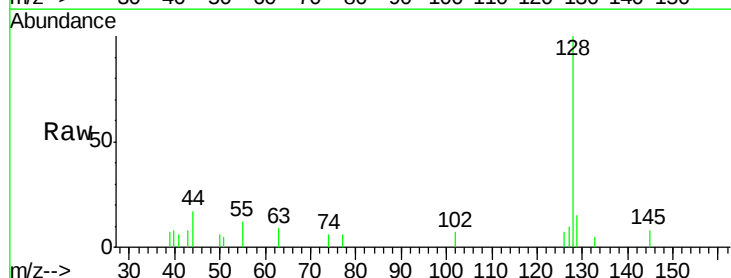
Tgt Ion:128 Resp: 7510

Ion Ratio Lower Upper

128 100

127 9.7 9.6 14.4

129 15.3 8.2 12.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

