

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059457.D
 Acq On : 27 Jun 2018 21:09
 Operator : VA/AP
 Sample : J3699-01
 Misc : 10.03g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-04-1-2

Quant Time: Jun 28 04:35:24 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

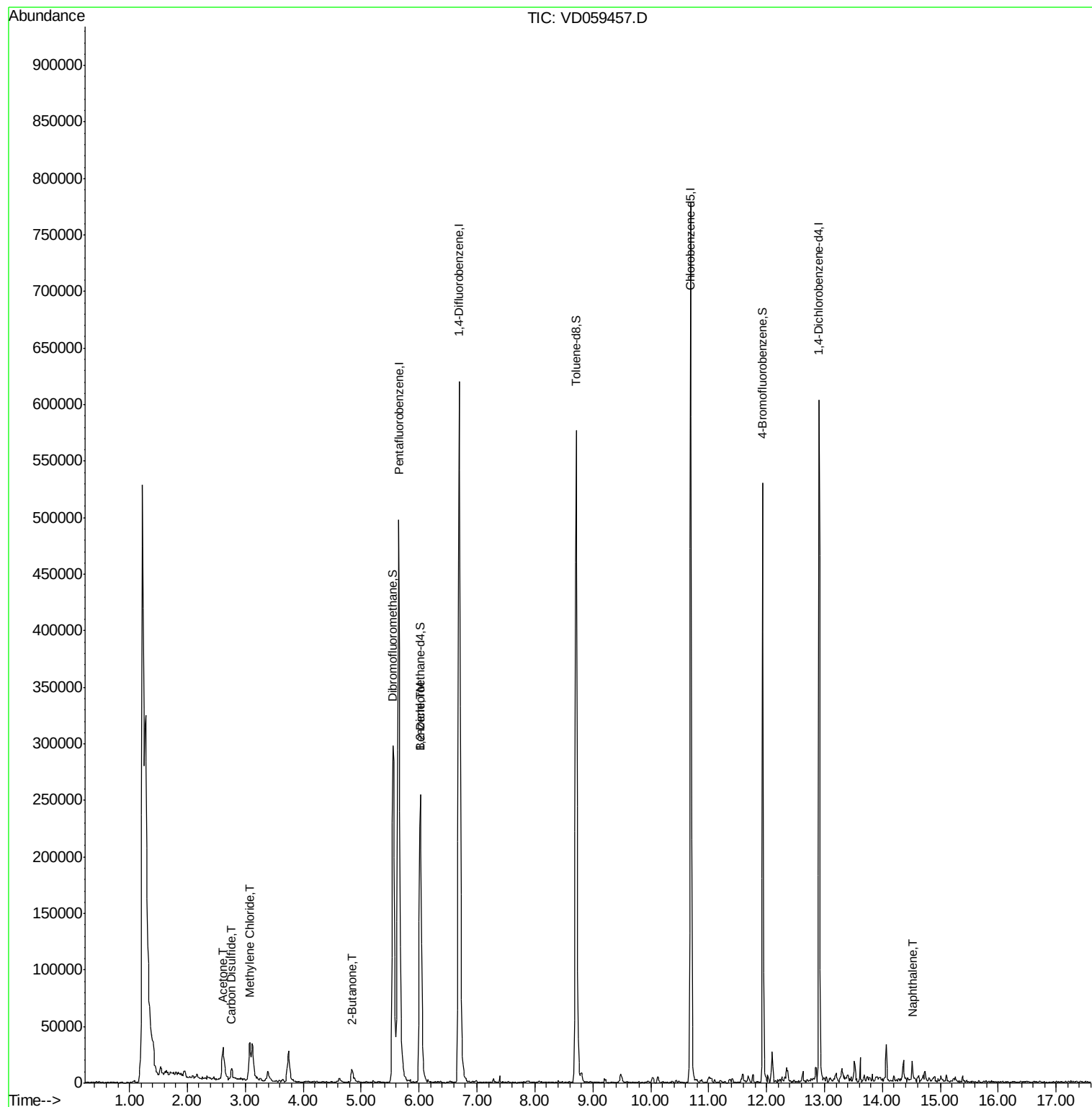
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	491408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	620014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	417745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	131134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	236461	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
35) Dibromofluoromethane	5.55	113	244536	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.71	98	454457	38.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.98%	
62) 4-Bromofluorobenzene	11.93	95	134727	27.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.86%	
Target Compounds						
16) Acetone	2.62	43	59163	93.28	ug/l #	87
17) Carbon Disulfide	2.76	76	13613	2.75	ug/l	97
20) Methylene Chloride	3.07	84	14707	6.17	ug/l	95
25) 2-Butanone	4.83	43	19830	14.93	ug/l #	88
40) Benzene	6.02	78	29448	2.18	ug/l	97
95) Naphthalene	14.52	128	11527	2.75	ug/l #	95

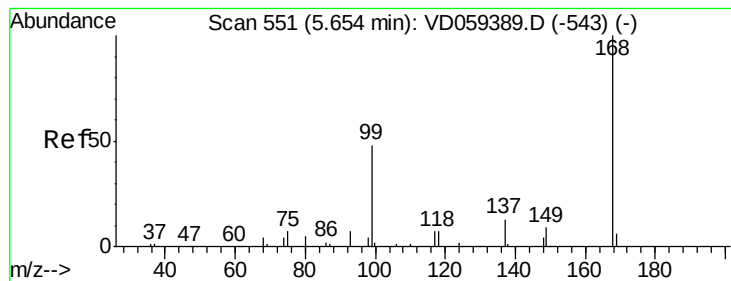
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062718\
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QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD059457.D

Acq: 27 Jun 2018 21:09

Instrument :

MSVOA_D

ClientSampleId :

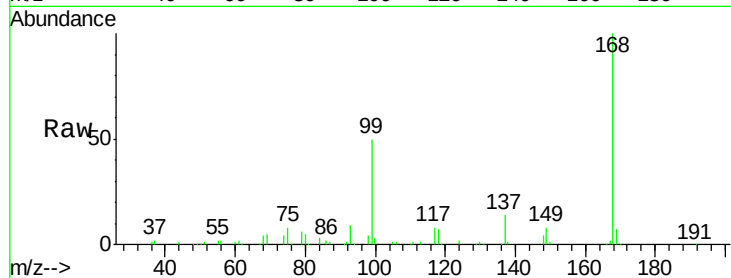
ZER-SB-04-1-2

Tot Ion:168 Resp: 491408

Ion Ratio Lower Upper

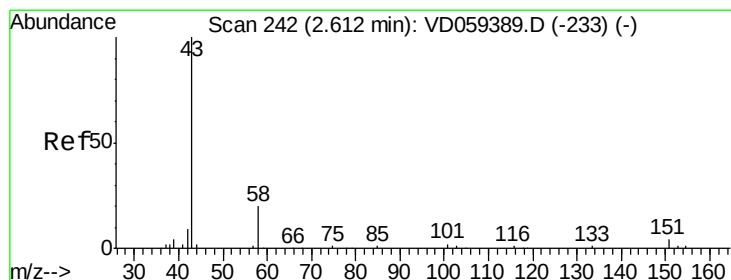
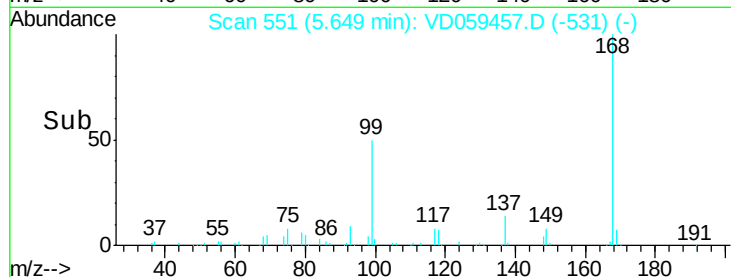
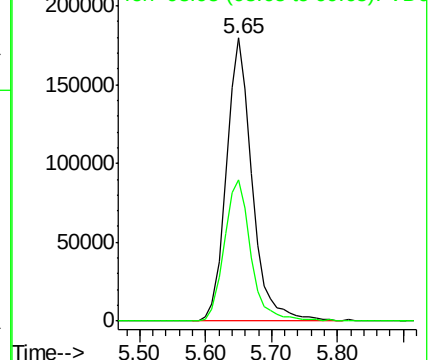
168 100

99 50.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 93.28 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD059457.D

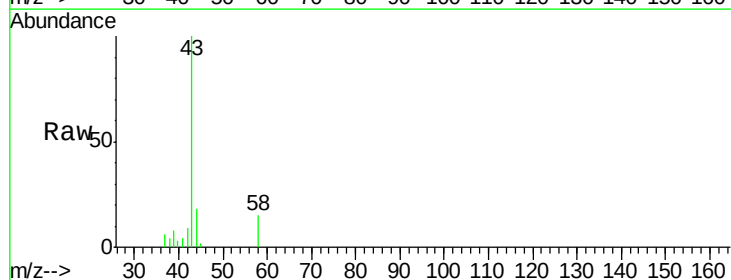
Acq: 27 Jun 2018 21:09

Tgt Ion: 43 Resp: 59163

Ion Ratio Lower Upper

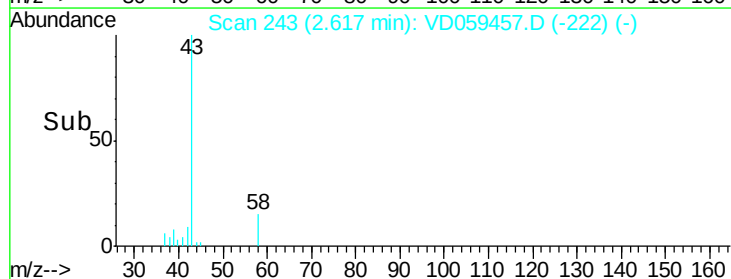
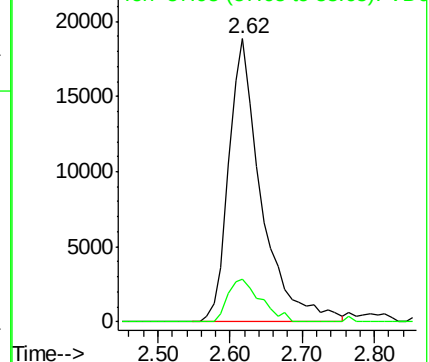
43 100

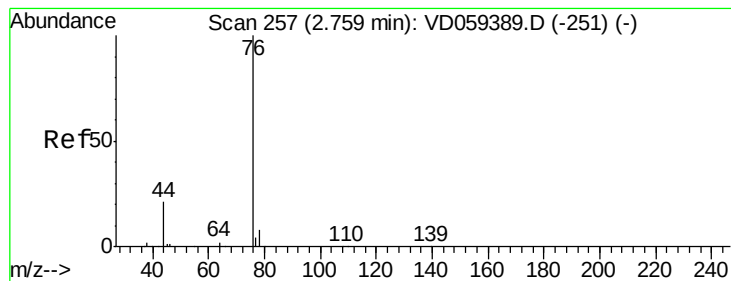
58 15.1 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 2.75 ug/l

RT: 2.76 min Scan# 258

Delta R.T. 0.01 min

Lab File: VD059457.D

Acq: 27 Jun 2018 21:09

Instrument :

MSVOA_D

ClientSampleId :

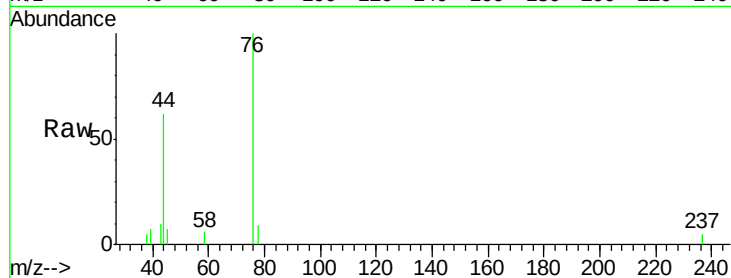
ZER-SB-04-1-2

Tot Ion: 76 Resp: 13613

Ion Ratio Lower Upper

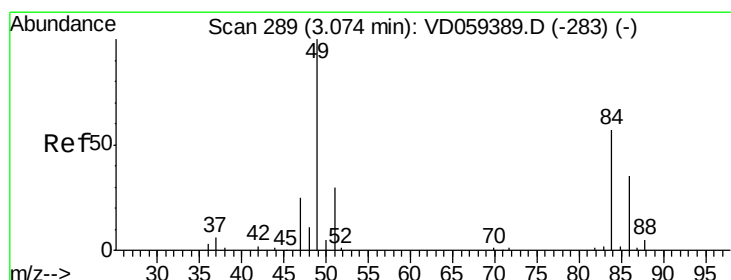
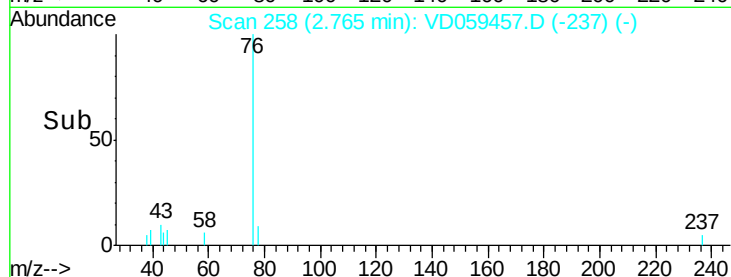
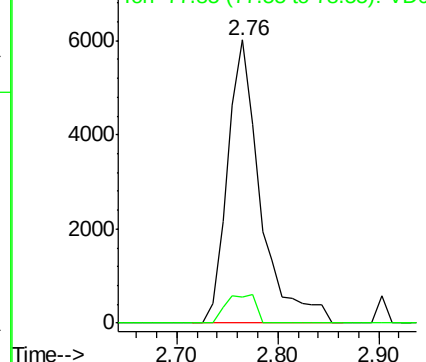
76 100

78 9.1 6.6 9.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 6.17 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.00 min

Lab File: VD059457.D

Acq: 27 Jun 2018 21:09

Tgt Ion: 84 Resp: 14707

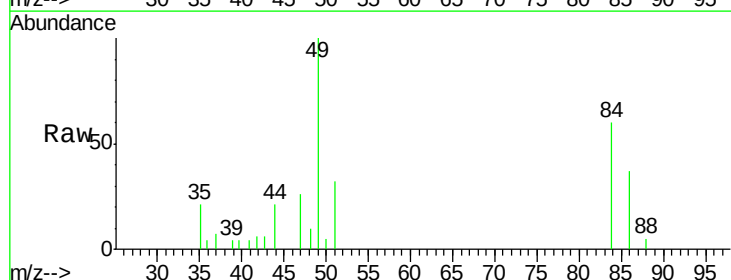
Ion Ratio Lower Upper

84 100

49 165.7 140.3 210.5

51 53.4 41.6 62.4

86 62.0 49.4 74.2

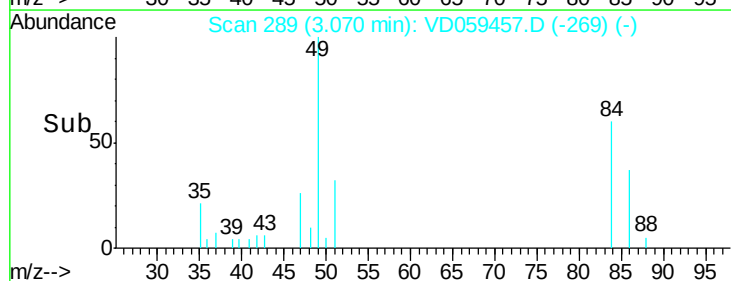
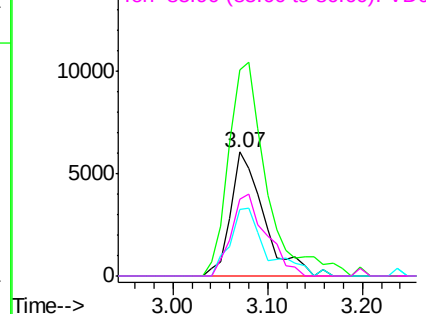


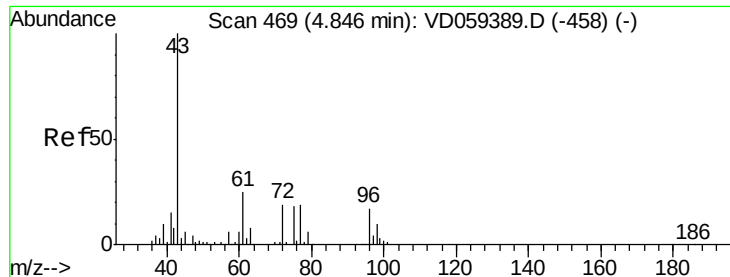
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 14.93 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD059457.D

Acq: 27 Jun 2018 21:09

Instrument :

MSVOA_D

ClientSampleId :

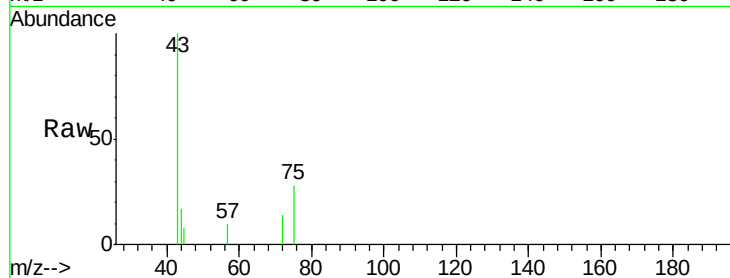
ZER-SB-04-1-2

Tot Ion: 43 Resp: 19830

Ion Ratio Lower Upper

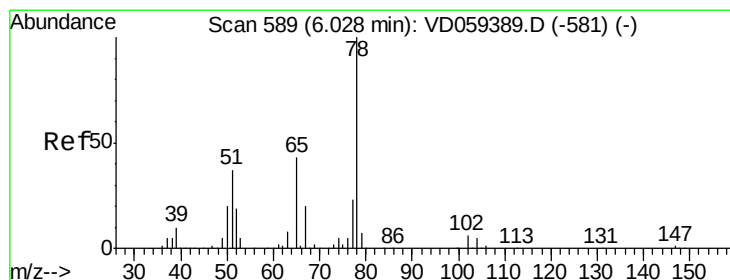
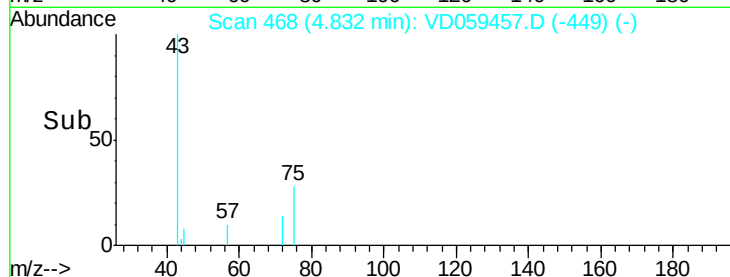
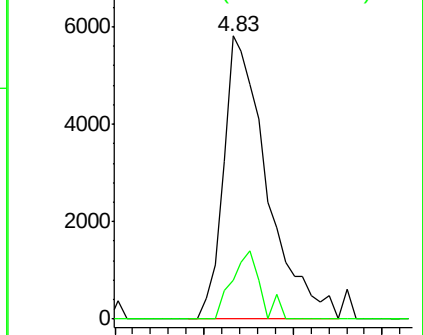
43 100

72 13.9 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: 6.02 min Scan# 589

Delta R.T. -0.00 min

Lab File: VD059457.D

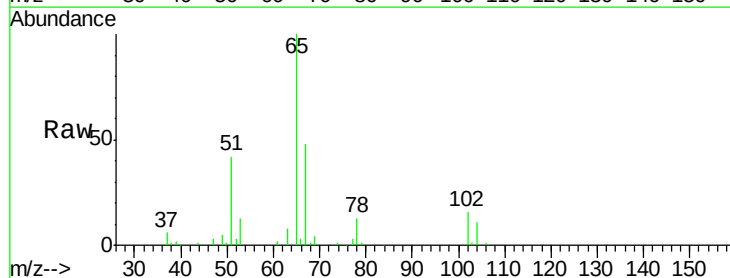
Acq: 27 Jun 2018 21:09

Tgt Ion: 65 Resp: 236461

Ion Ratio Lower Upper

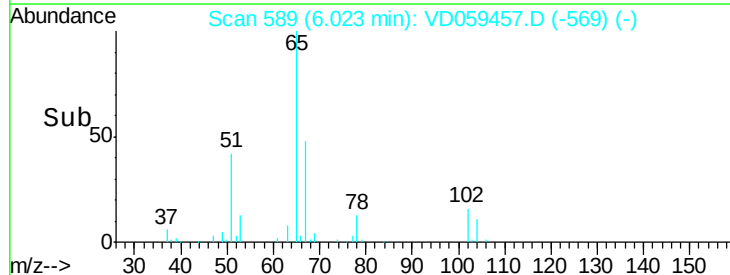
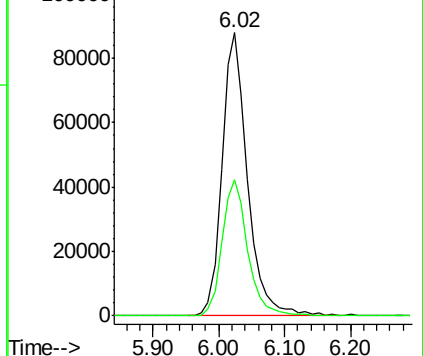
65 100

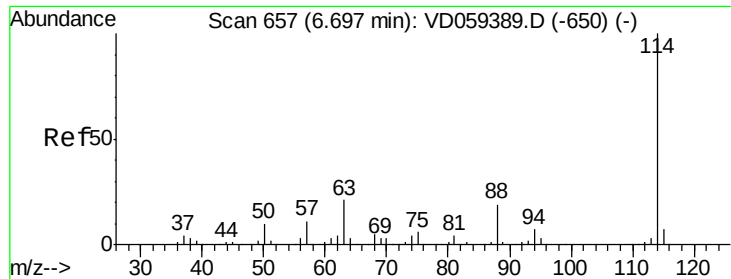
67 48.1 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

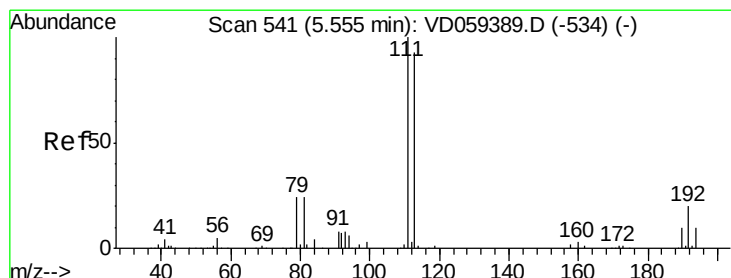
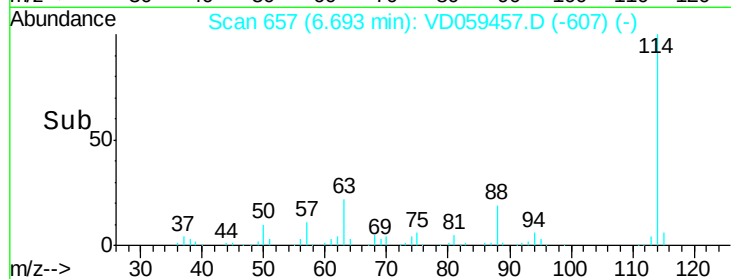
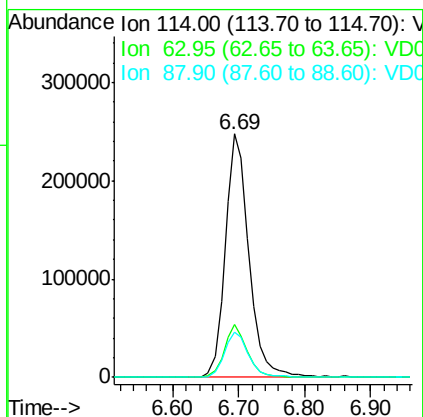
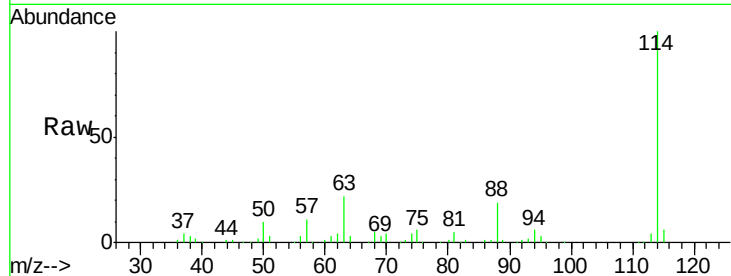




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VD059457.D
 Acq: 27 Jun 2018 21:09

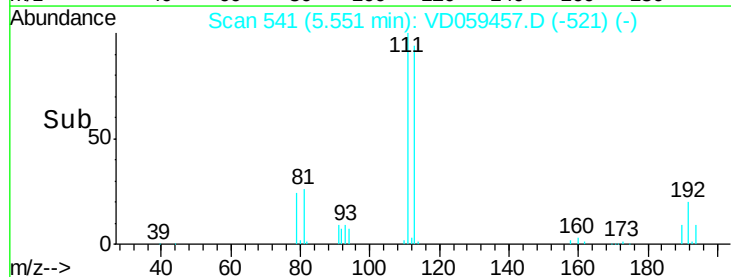
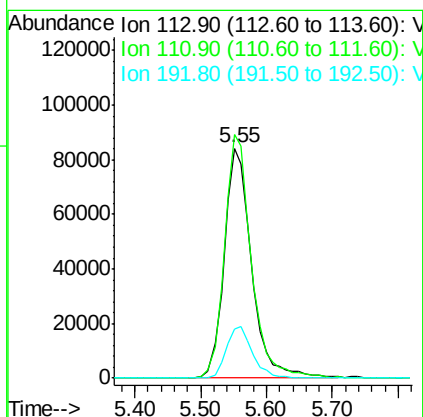
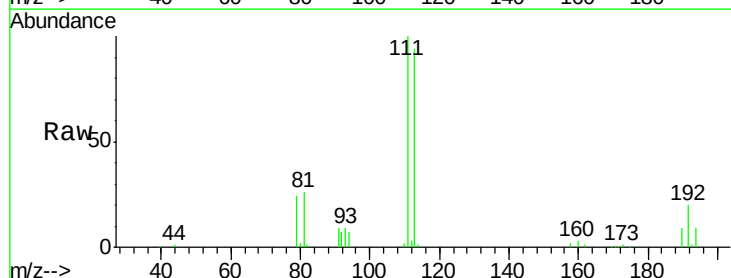
Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-04-1-2

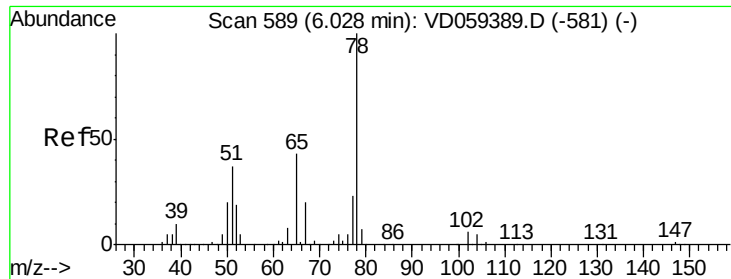
Tot Ion:114 Resp: 620014
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 18.8 0.0 38.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VD059457.D
 Acq: 27 Jun 2018 21:09

Tgt Ion:113 Resp: 244536
 Ion Ratio Lower Upper
 113 100
 111 106.0 85.7 128.5
 192 21.2 16.9 25.3





#40

Benzene

Concen: 2.18 ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.00 min

Lab File: VD059457.D

Acq: 27 Jun 2018 21:09

Instrument :

MSVOA_D

ClientSampleId :

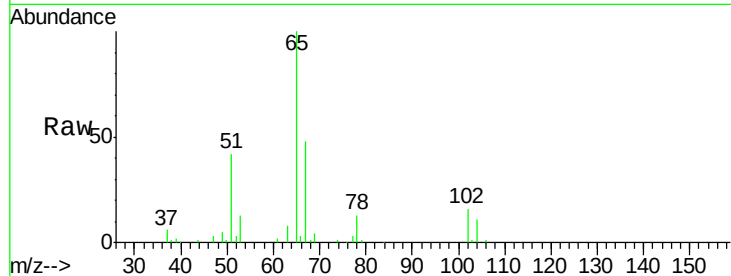
ZER-SB-04-1-2

Tot Ion: 78 Resp: 29448

Ion Ratio Lower Upper

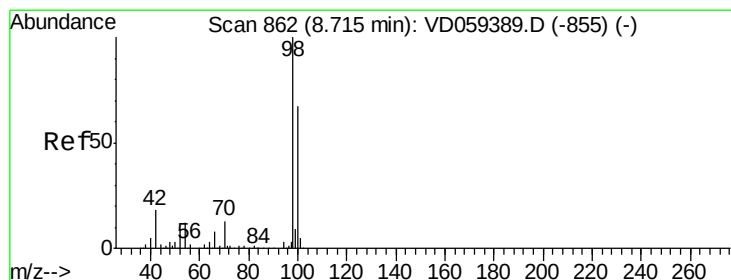
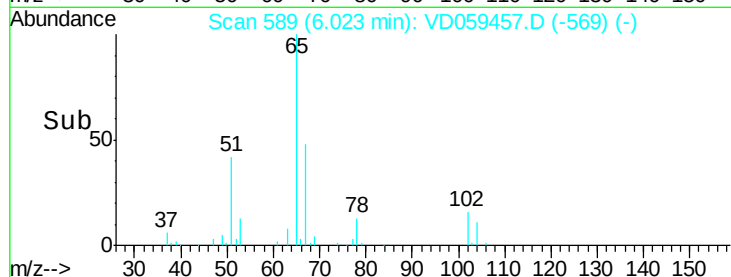
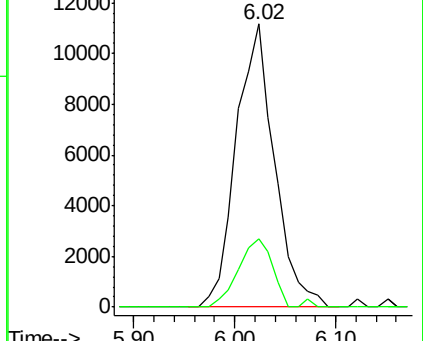
78 100

77 24.2 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: 8.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VD059457.D

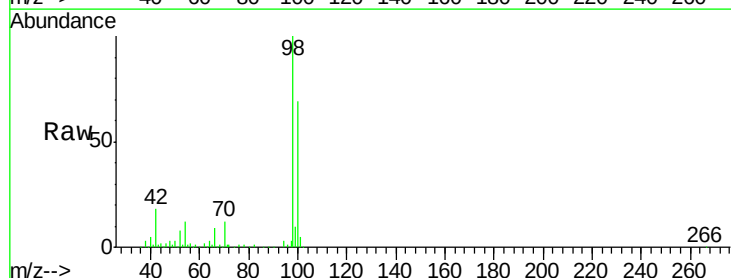
Acq: 27 Jun 2018 21:09

Tgt Ion: 98 Resp: 454457

Ion Ratio Lower Upper

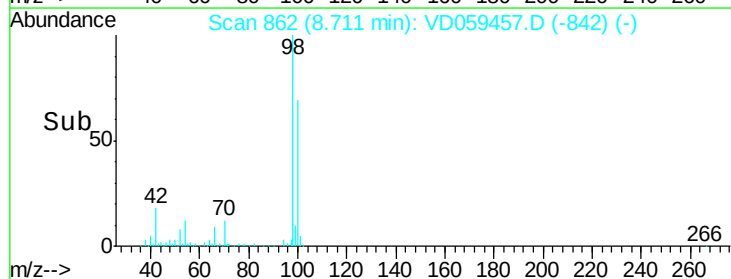
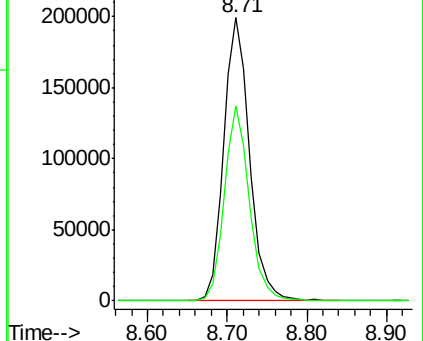
98 100

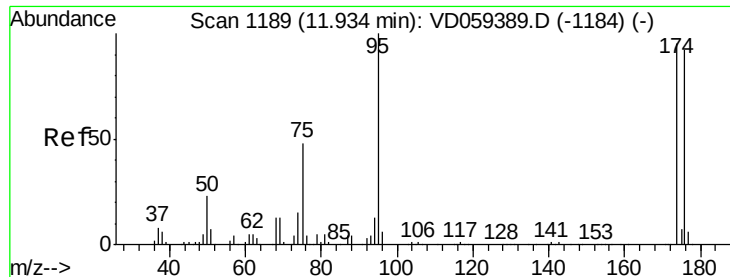
100 68.7 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

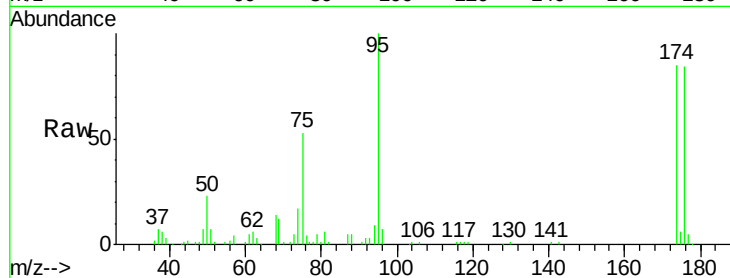




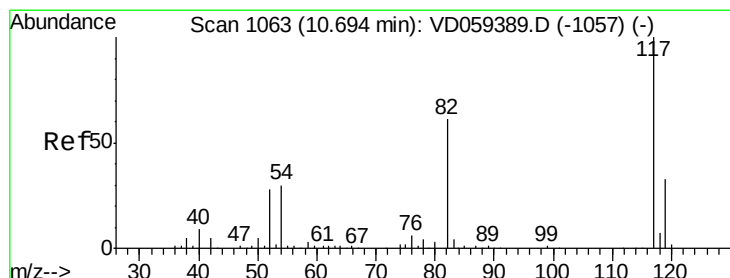
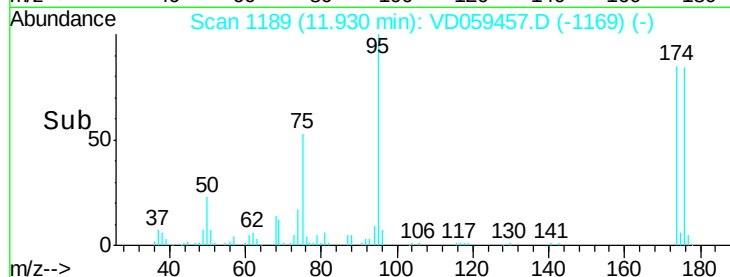
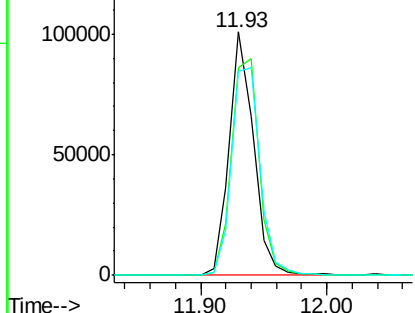
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059457.D
Acq: 27 Jun 2018 21:09

Instrument :
MSVOA_D
ClientSampled :
ZER-SB-04-1-2

Tot Ion: 95 Resp: 134727
Ion Ratio Lower Upper
95 100
174 85.5 0.0 190.4
176 83.8 0.0 183.2

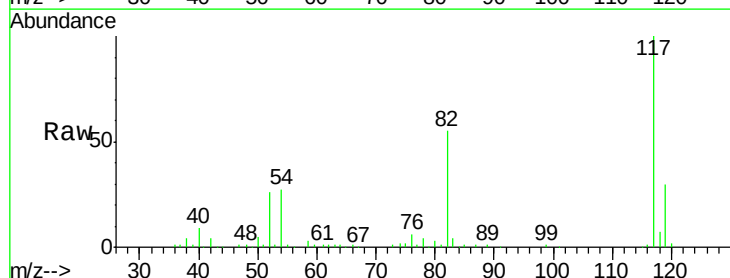


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

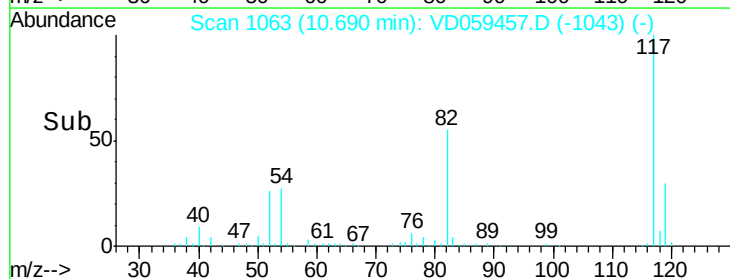
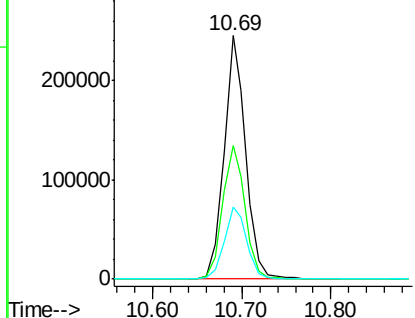


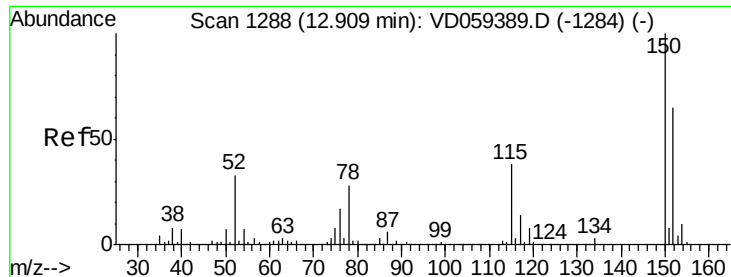
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059457.D
Acq: 27 Jun 2018 21:09

Tgt Ion: 117 Resp: 417745
Ion Ratio Lower Upper
117 100
82 55.0 49.0 73.6
119 29.8 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# 1288

Delta R.T. -0.00 min

Lab File: VD059457.D

Acq: 27 Jun 2018 21:09

Instrument :

MSVOA_D

ClientSampleId :

ZER-SB-04-1-2

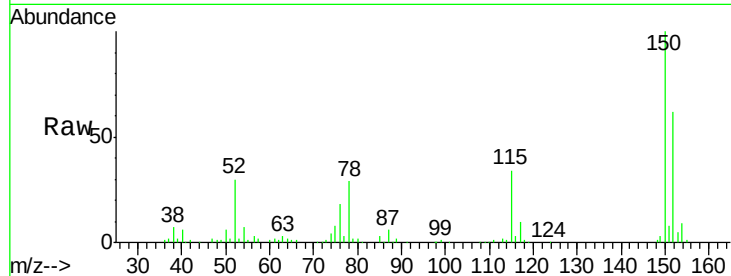
Tot Ion:152 Resp: 131134

Ion Ratio Lower Upper

152 100

115 54.5 29.4 88.3

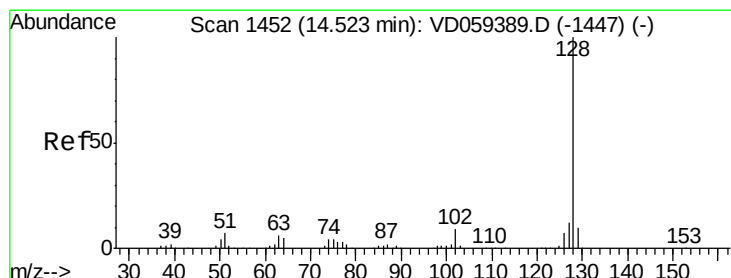
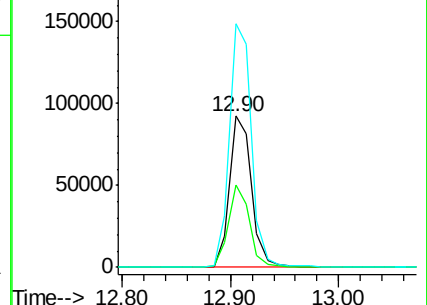
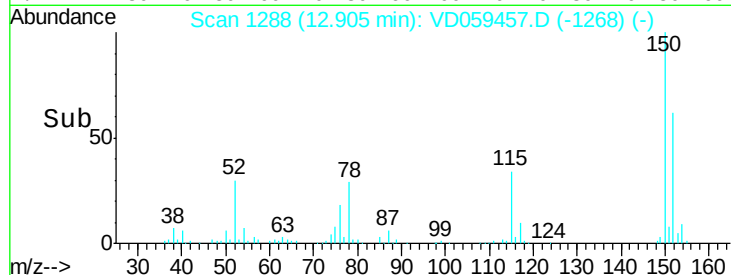
150 161.1 0.0 308.2



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



#95

Naphthalene

Concen: 2.75 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VD059457.D

Acq: 27 Jun 2018 21:09

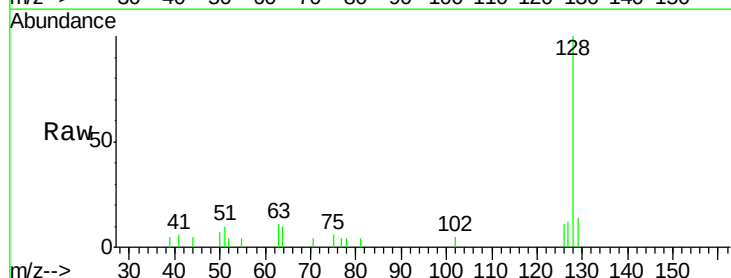
Tgt Ion:128 Resp: 11527

Ion Ratio Lower Upper

128 100

127 12.4 9.6 14.4

129 14.1 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

