

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059479.D
 Acq On : 28 Jun 2018 23:00
 Operator : VA/AP
 Sample : J3699-04
 Misc : 10.95g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ZER-SB-104-1-2

Quant Time: Jun 29 02:31:17 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

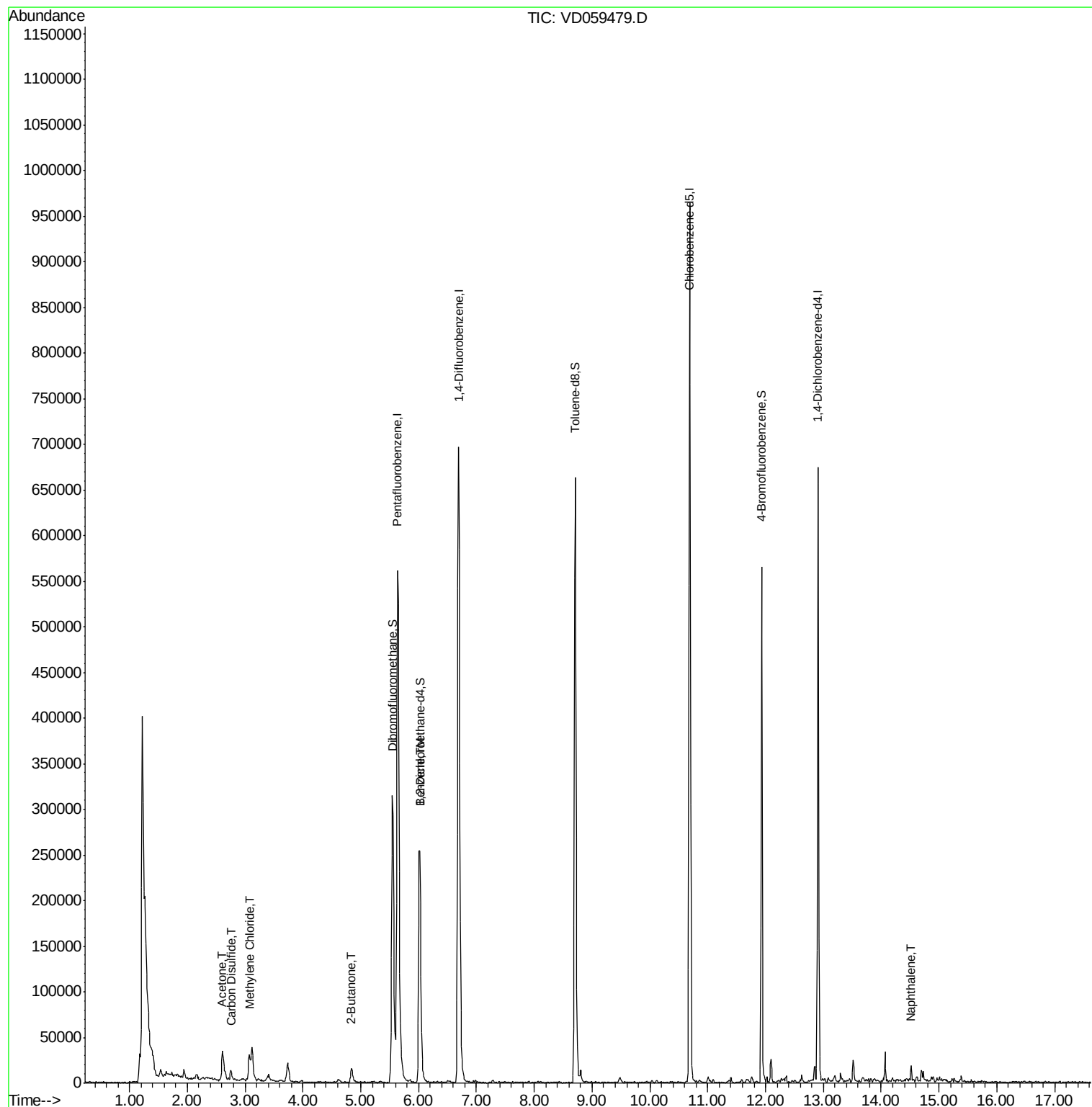
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	562193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	700856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	518752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	162580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	234998	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
35) Dibromofluoromethane	5.55	113	251170	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
50) Toluene-d8	8.71	98	480201	35.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.96%	
62) 4-Bromofluorobenzene	11.93	95	150656	27.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.28%	
Target Compounds						
16) Acetone	2.61	43	69859	96.28	ug/l	92
17) Carbon Disulfide	2.75	76	13677	2.41	ug/l	96
20) Methylene Chloride	3.07	84	13312	4.34	ug/l #	94
25) 2-Butanone	4.84	43	18409	12.11	ug/l	100
40) Benzene	6.01	78	46451	3.04	ug/l	98
95) Naphthalene	14.52	128	8115	1.56	ug/l #	90

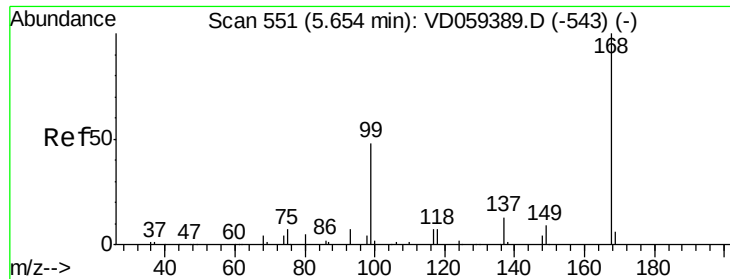
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
Data File : VD059479.D
Acq On : 28 Jun 2018 23:00
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Misc : 10.95g/5ml/MSVOA D/SOIL
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

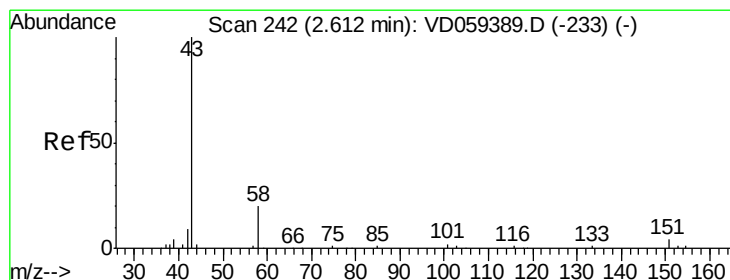
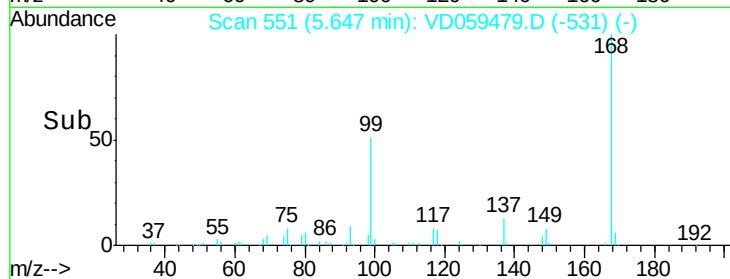
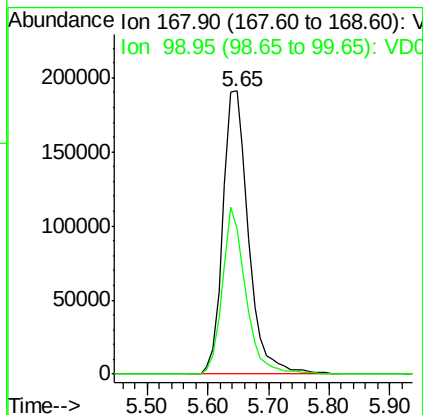
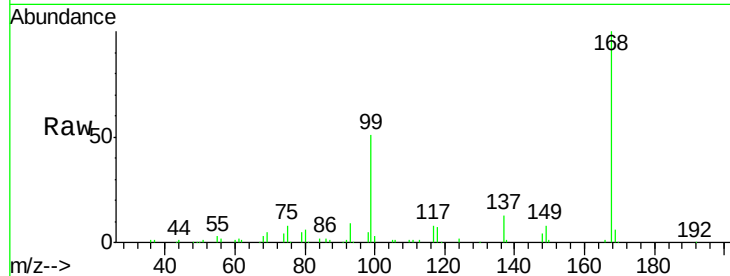




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

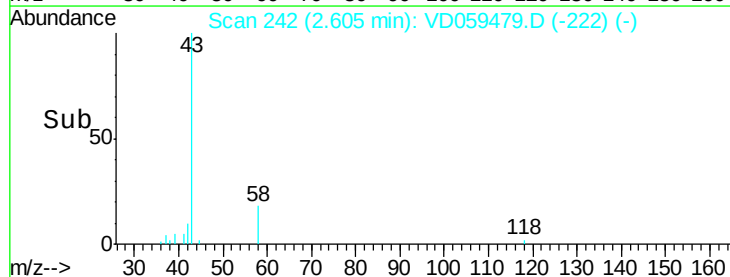
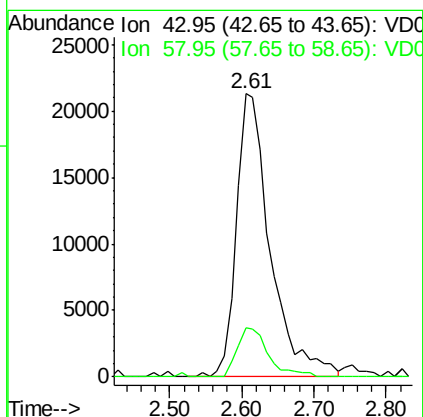
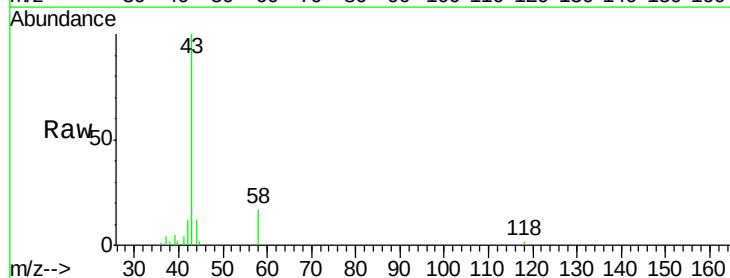
Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-104-1-2

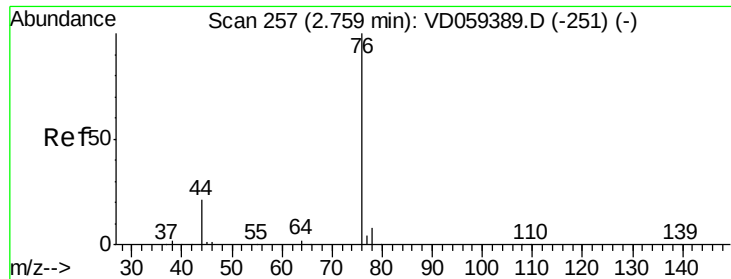
Tot Ion:168 Resp: 562193
Ion Ratio Lower Upper
168 100
99 51.4 41.0 61.6



#16
Acetone
Concen: 96.28 ug/l
RT: 2.61 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Tgt Ion: 43 Resp: 69859
Ion Ratio Lower Upper
43 100
58 17.2 16.8 25.2

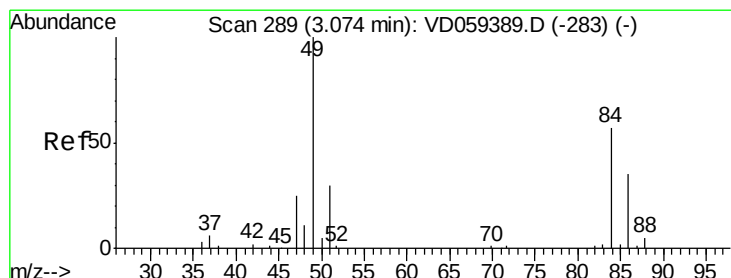
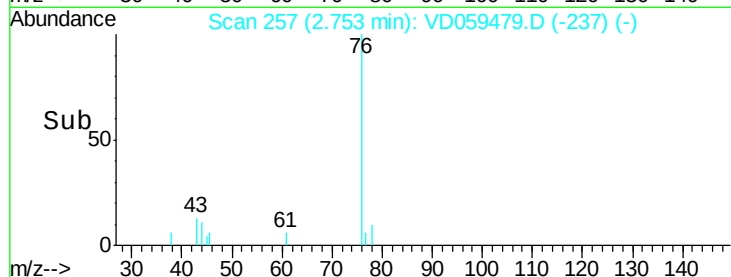
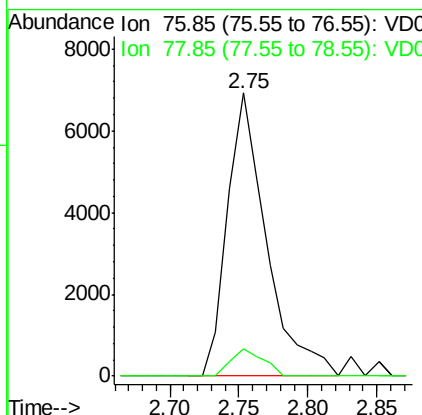
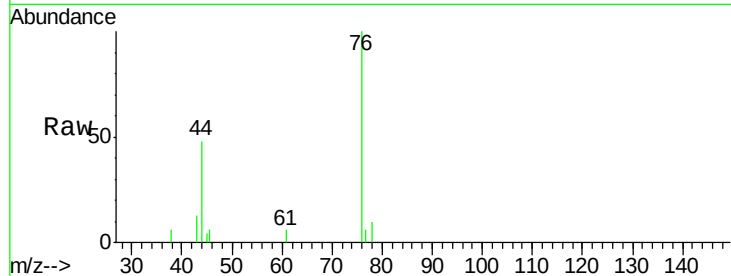




#17
Carbon Disulfide
Concen: 2.41 ug/l
RT: 2.75 min Scan# 257
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

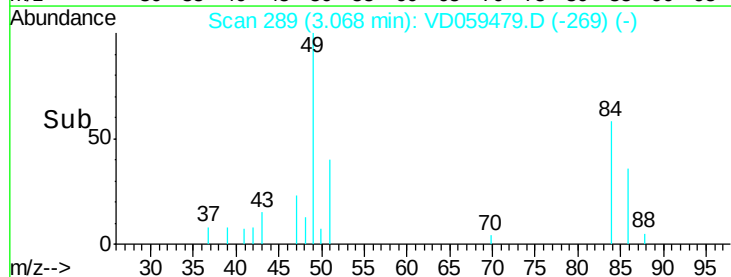
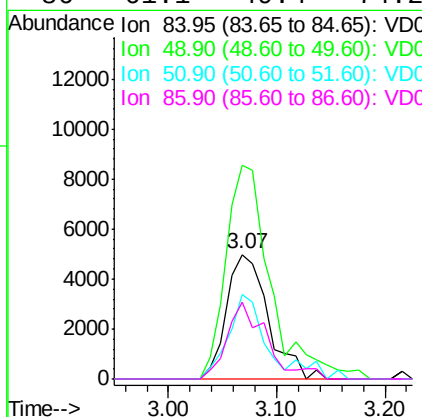
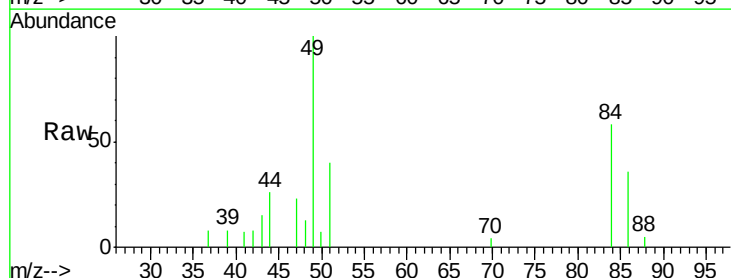
Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-104-1-2

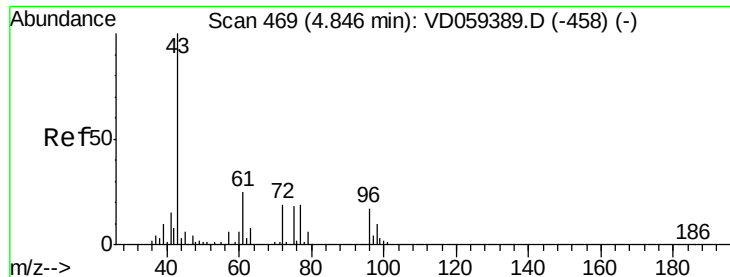
Tot Ion: 76 Resp: 13677
Ion Ratio Lower Upper
76 100
78 9.7 6.6 9.8



#20
Methylene Chloride
Concen: 4.34 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Tgt Ion: 84 Resp: 13312
Ion Ratio Lower Upper
84 100
49 171.3 140.3 210.5
51 67.8 41.6 62.4#
86 61.1 49.4 74.2





#25

2-Butanone

Concen: 12.11 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.01 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :

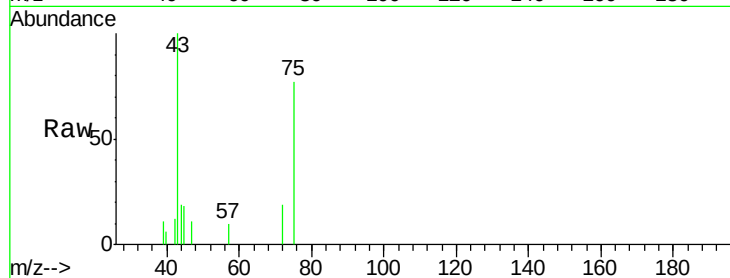
ZER-SB-104-1-2

Tot Ion: 43 Resp: 18409

Ion Ratio Lower Upper

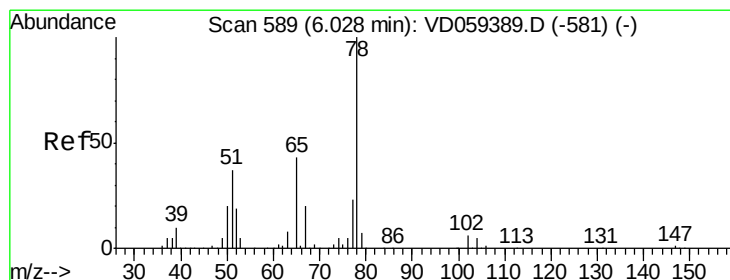
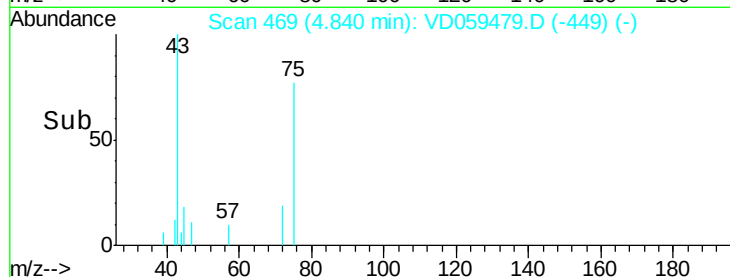
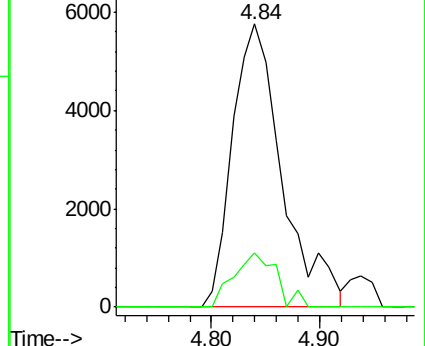
43 100

72 19.2 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. -0.01 min

Lab File: VD059479.D

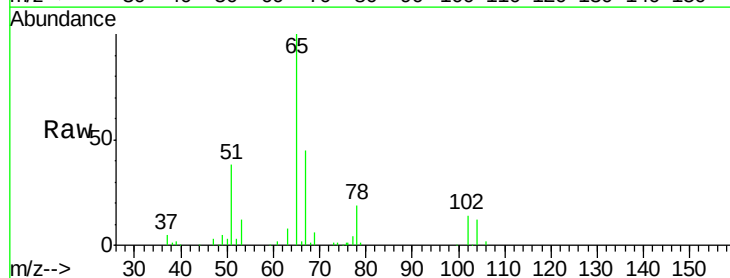
Acq: 28 Jun 2018 23:00

Tgt Ion: 65 Resp: 234998

Ion Ratio Lower Upper

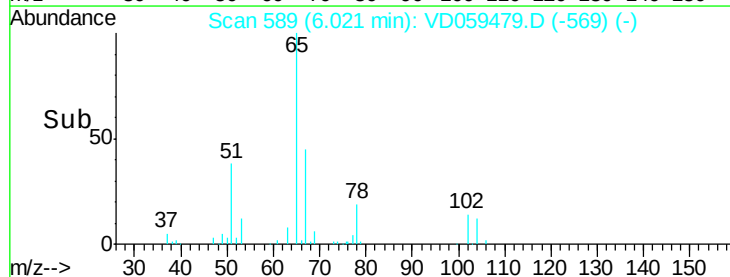
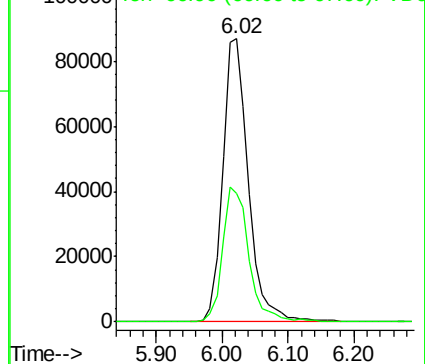
65 100

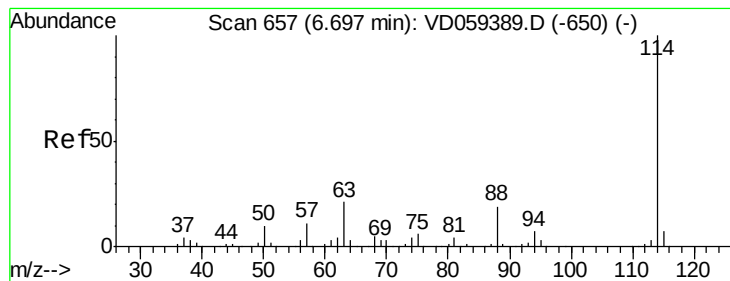
67 45.2 0.0 93.8



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. -0.01 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :

ZER-SB-104-1-2

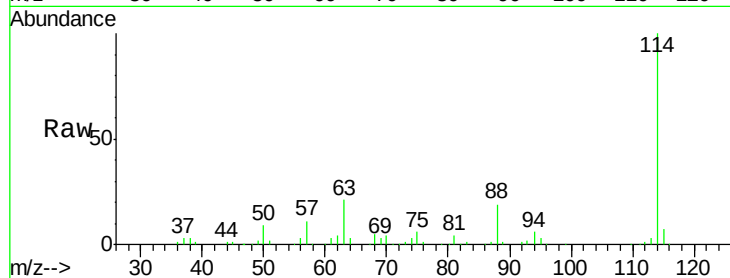
Tot Ion:114 Resp: 700856

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

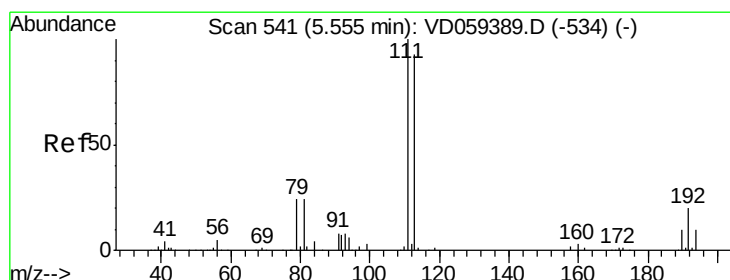
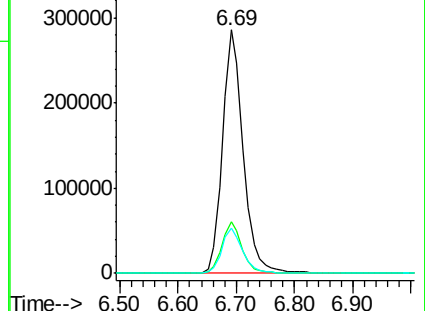
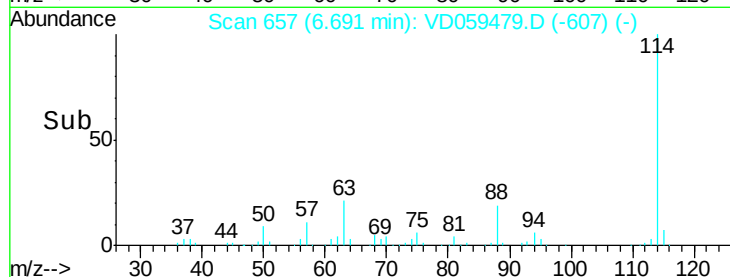
88 18.8 0.0 38.0



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# 541

Delta R.T. -0.01 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

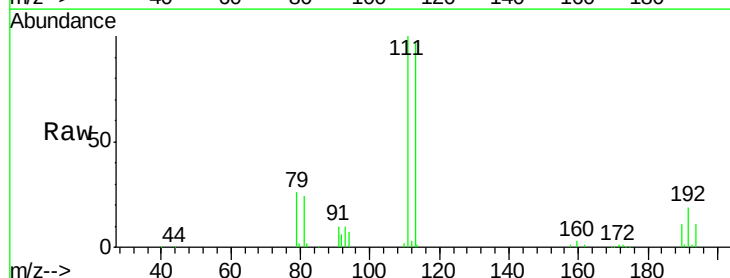
Tgt Ion:113 Resp: 251170

Ion Ratio Lower Upper

113 100

111 103.6 85.7 128.5

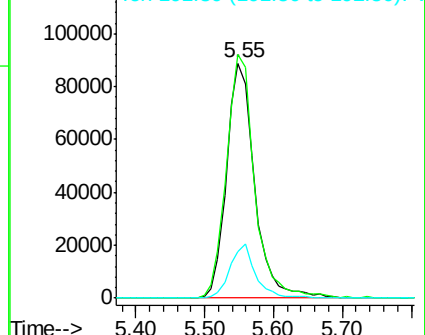
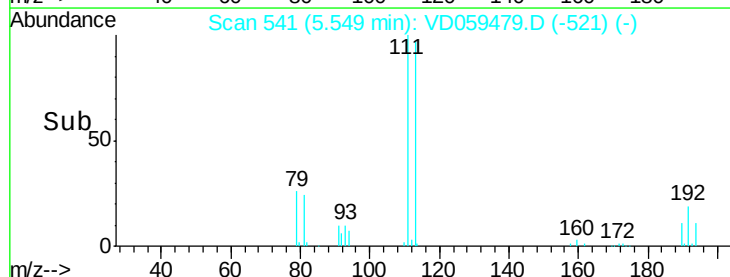
192 19.6 16.9 25.3

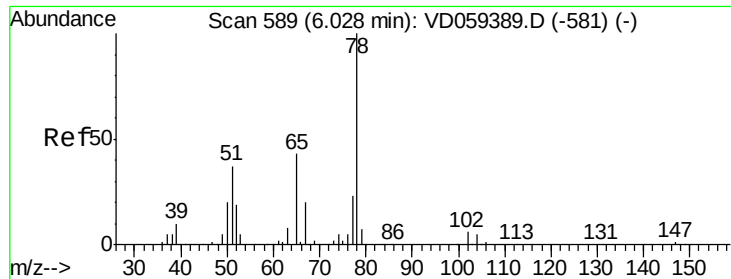


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#40

Benzene

Concen: 3.04 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :

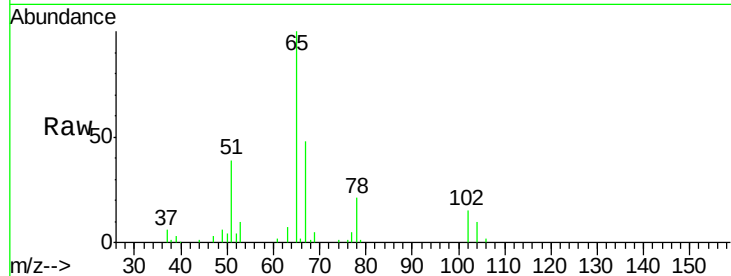
ZER-SB-104-1-2

Tot Ion: 78 Resp: 46451

Ion Ratio Lower Upper

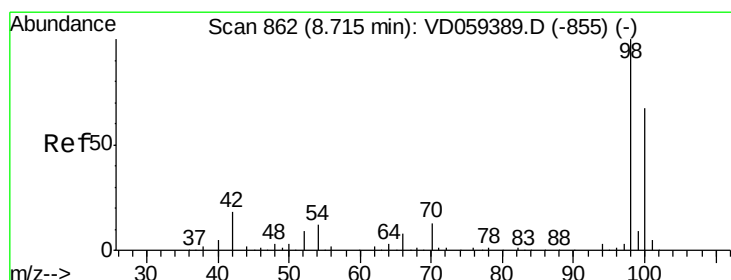
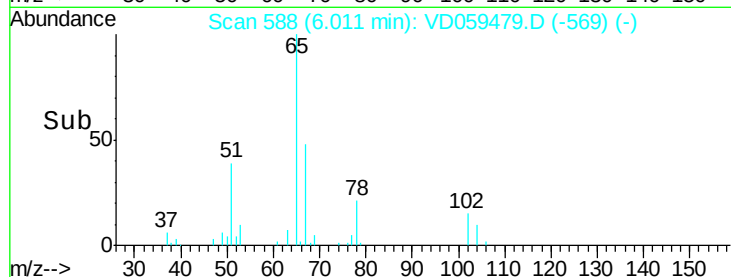
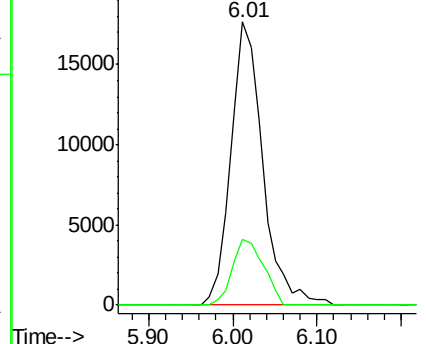
78 100

77 23.3 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. -0.01 min

Lab File: VD059479.D

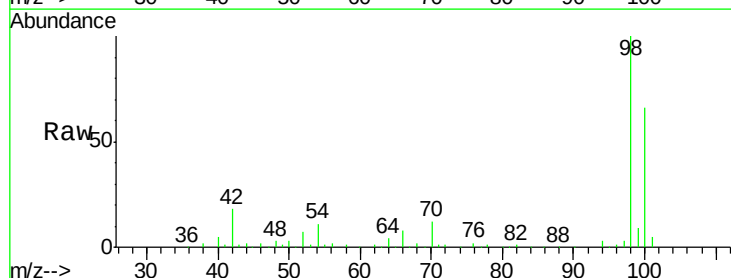
Acq: 28 Jun 2018 23:00

Tgt Ion: 98 Resp: 480201

Ion Ratio Lower Upper

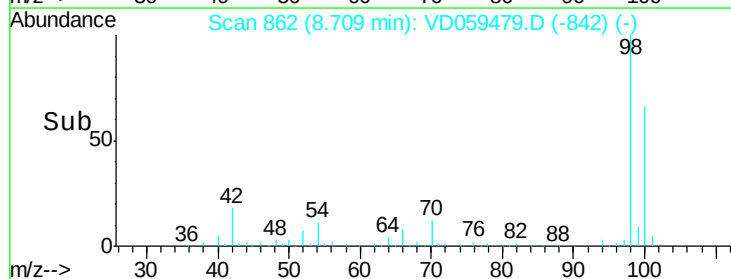
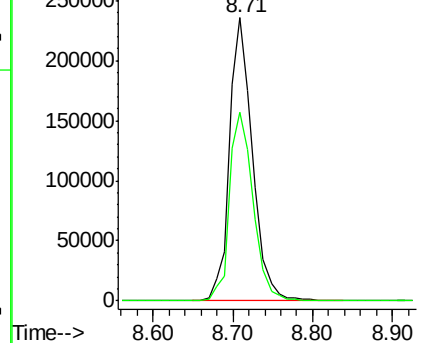
98 100

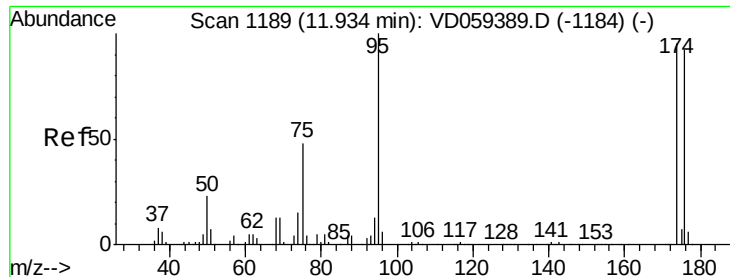
100 66.4 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

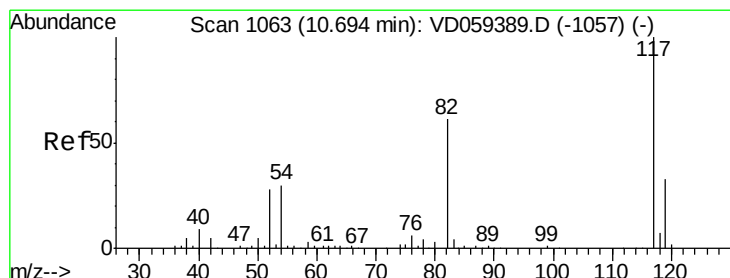
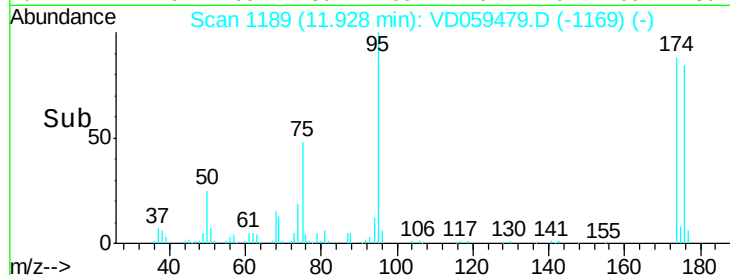
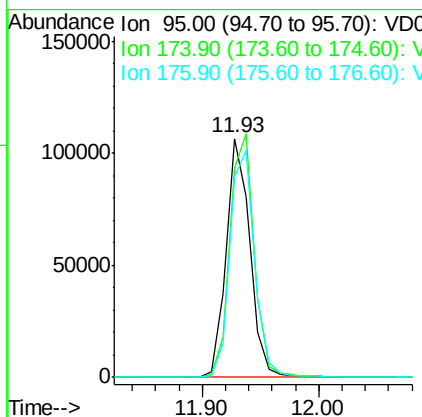
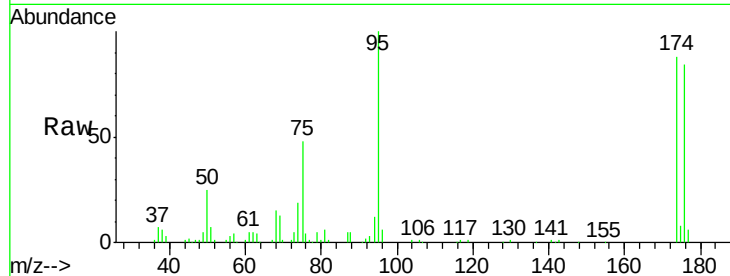




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

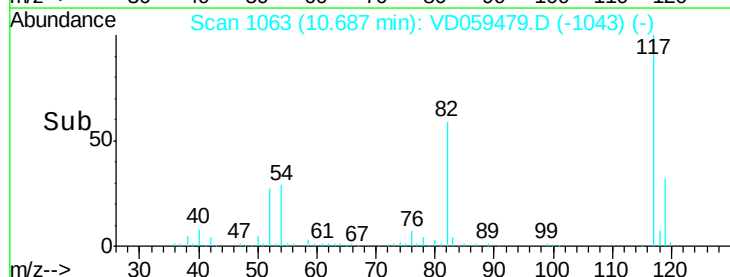
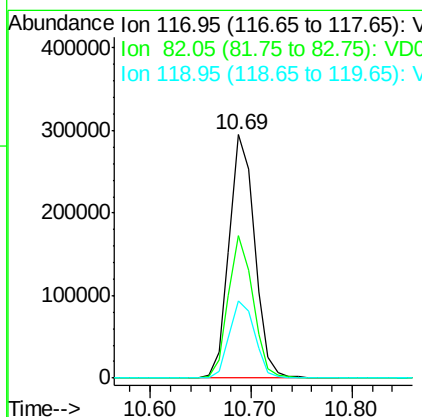
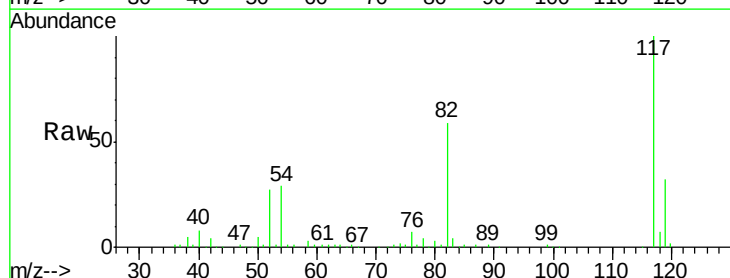
Instrument :
MSVOA_D
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ZER-SB-104-1-2

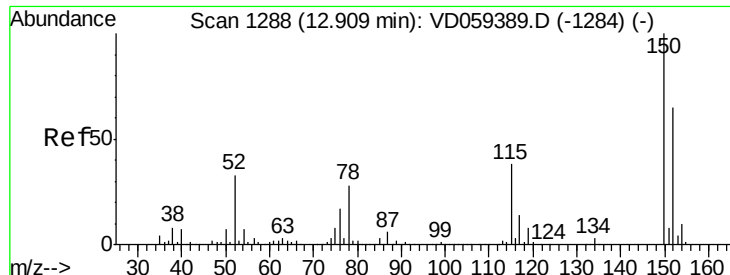
Tot Ion	95	Resp	150656
Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	190.4
176	84.0	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Tgt Ion	117	Resp	518752
Ion	Ratio	Lower	Upper
117	100		
82	58.7	49.0	73.6
119	31.6	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :

ZER-SB-104-1-2

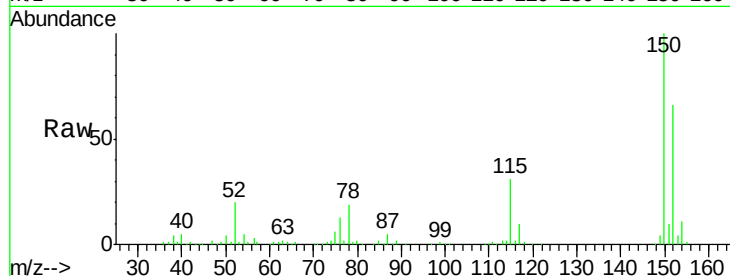
Tot Ion:152 Resp: 162580

Ion Ratio Lower Upper

152 100

115 47.0 29.4 88.3

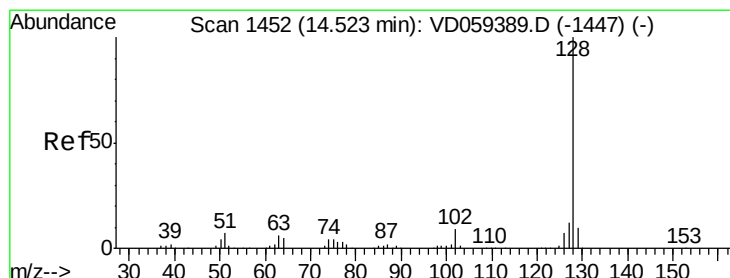
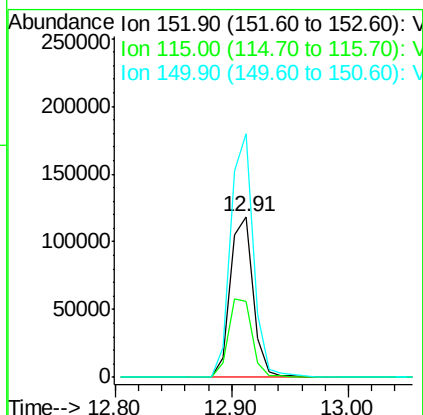
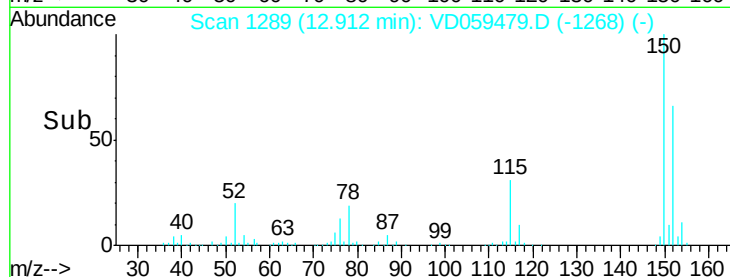
150 151.7 0.0 308.2



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: 1.56 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.01 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

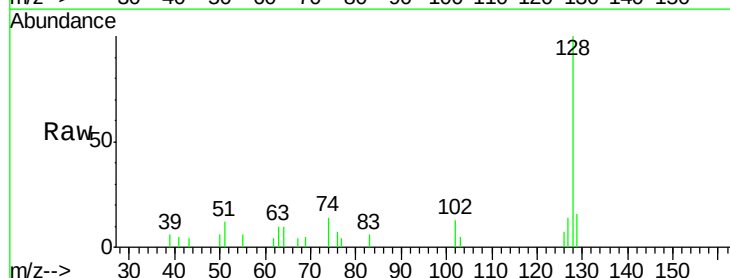
Tgt Ion:128 Resp: 8115

Ion Ratio Lower Upper

128 100

127 14.4 9.6 14.4#

129 15.8 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

