

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058284.D
 Acq On : 22 Jun 2018 8:07
 Operator : VA/AP
 Sample : J3595-01
 Misc : 4.30g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-01-ABC

Quant Time: Jun 22 12:55:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

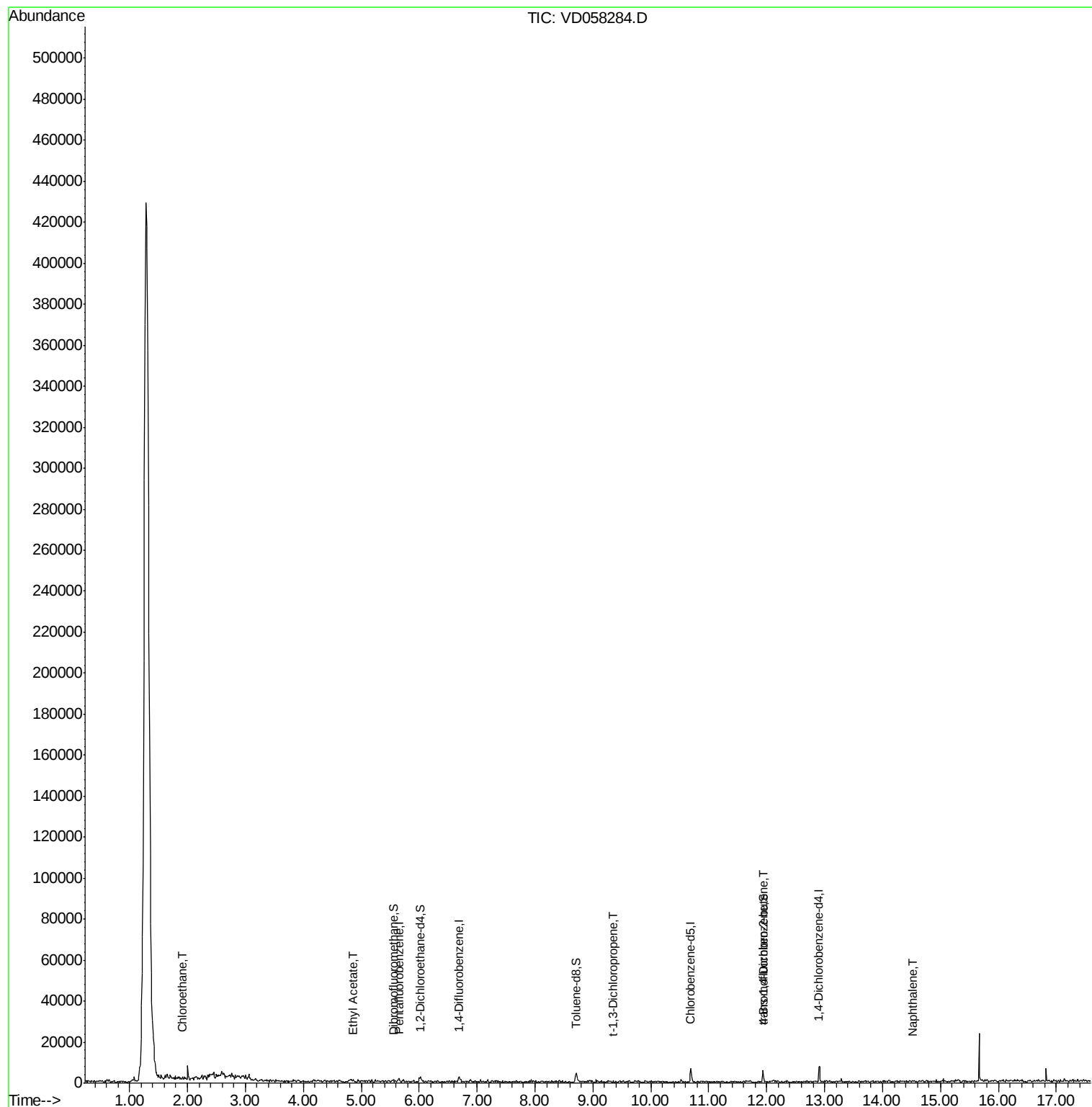
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	1660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	3348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	4469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	1936	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	2999	178.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	357.72%	
35) Dibromofluoromethane	5.56	113	927	34.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.04%	
50) Toluene-d8	8.71	98	4990	75.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.38%	
62) 4-Bromofluorobenzene	11.93	95	1987	73.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	147.56%	
Target Compounds						
6) Chloroethane	1.91	64	186	60.01	ug/l #	41
37) Ethyl Acetate	4.85	43	290	15.37	ug/l #	72
53) t-1,3-Dichloropropene	9.35	75	216	7.51	ug/l #	42
81) trans-1,4-Dichloro-2-buten	11.93	75	674	97.77	ug/l #	1
95) Naphthalene	14.52	128	188	2.91	ug/l #	70

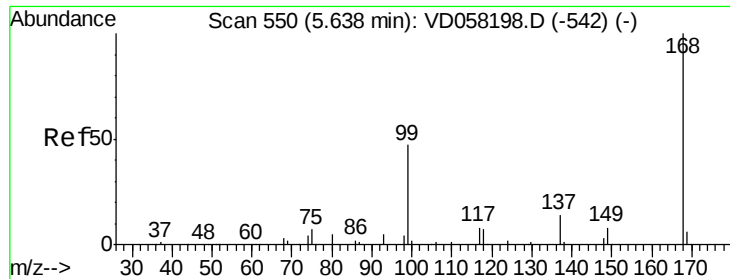
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062118\
Data File : VD058284.D
Acq On : 22 Jun 2018 8:07
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Quant Time: Jun 22 12:55:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 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: VD058284.D

Acq: 22 Jun 2018 8:07

Instrument :

MSVOA_D

ClientSampleId :

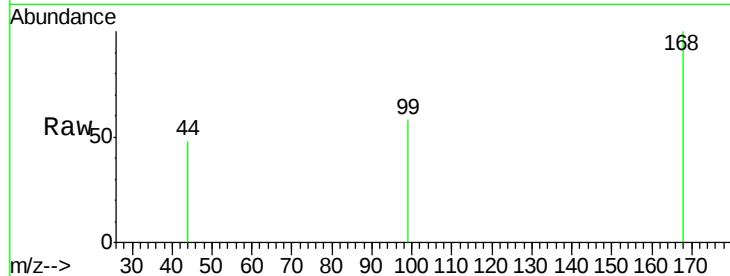
SC-01-ABC

Tot Ion:168 Resp: 1660

Ion Ratio Lower Upper

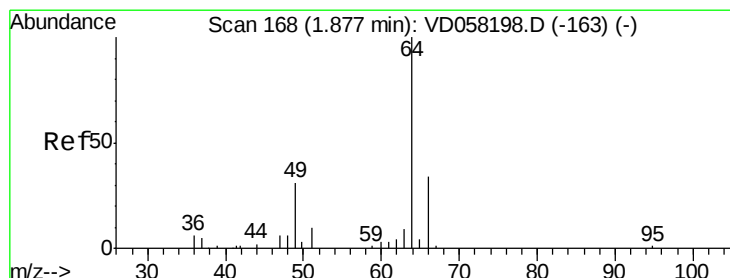
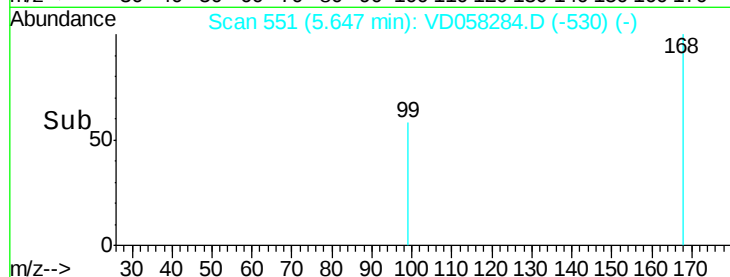
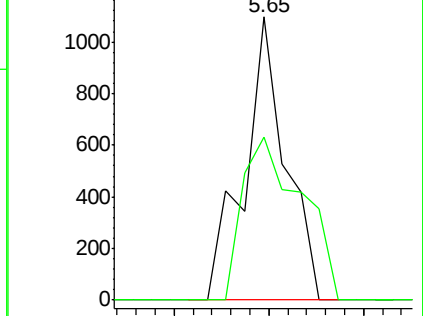
168 100

99 57.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#6

Chloroethane

Concen: 60.01 ug/l

RT: 1.91 min Scan# 171

Delta R.T. 0.03 min

Lab File: VD058284.D

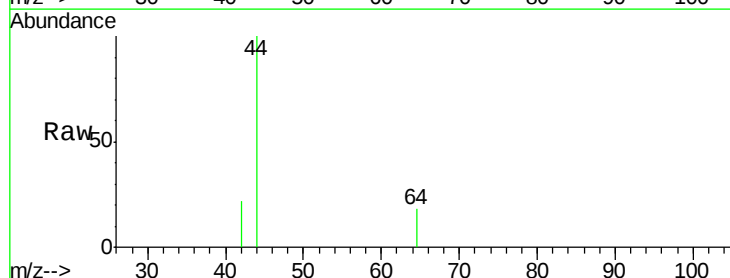
Acq: 22 Jun 2018 8:07

Tgt Ion: 64 Resp: 186

Ion Ratio Lower Upper

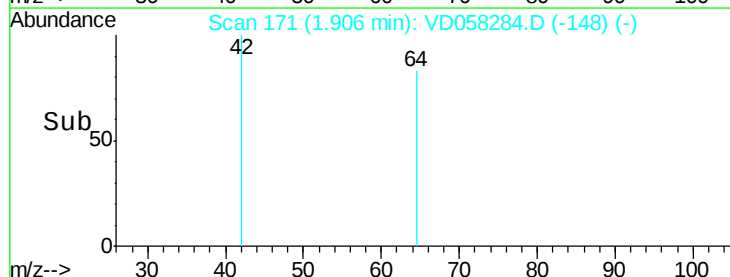
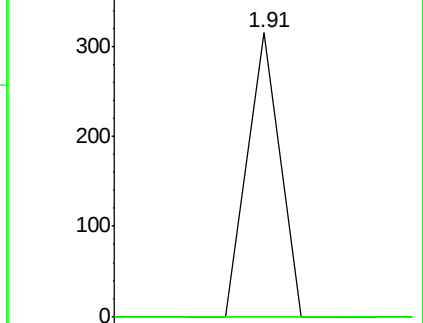
64 100

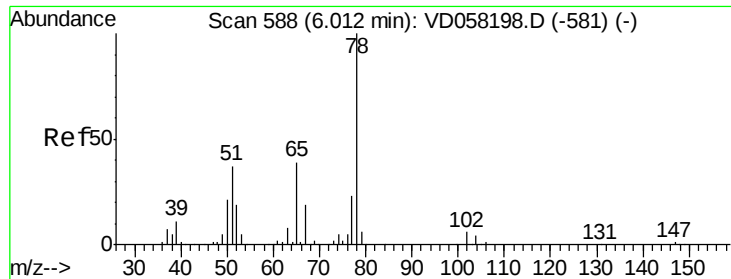
66 0.0 27.3 40.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): 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: VD058284.D

Acq: 22 Jun 2018 8:07

Instrument :

MSVOA_D

ClientSampled :

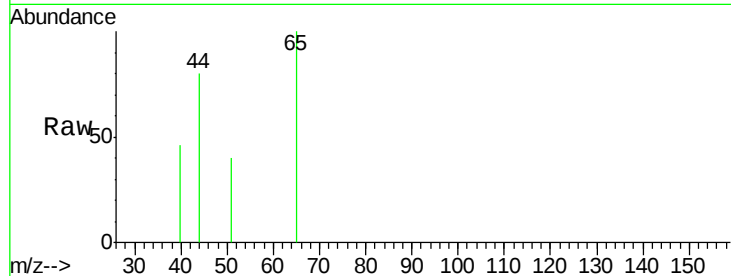
SC-01-ABC

Tot Ion: 65 Resp: 2999

Ion Ratio Lower Upper

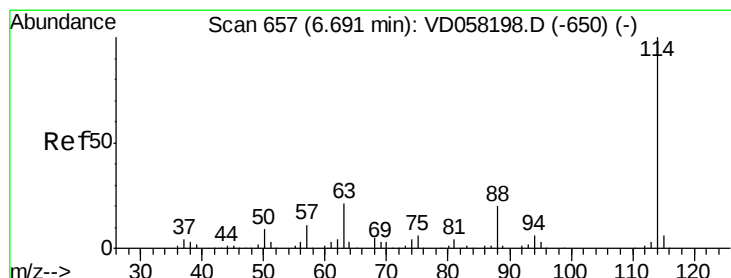
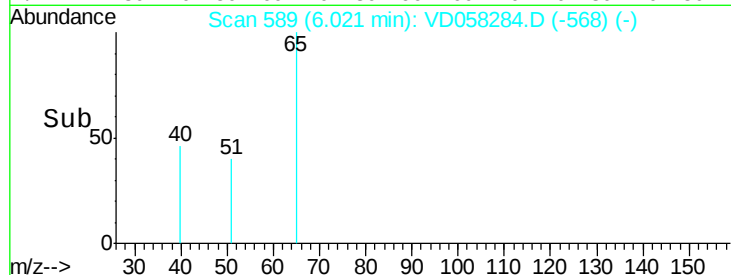
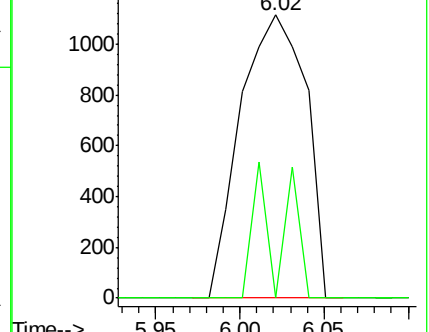
65 100

67 0.0 0.0 97.8



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: 6.70 min Scan# 658

Delta R.T. 0.01 min

Lab File: VD058284.D

Acq: 22 Jun 2018 8:07

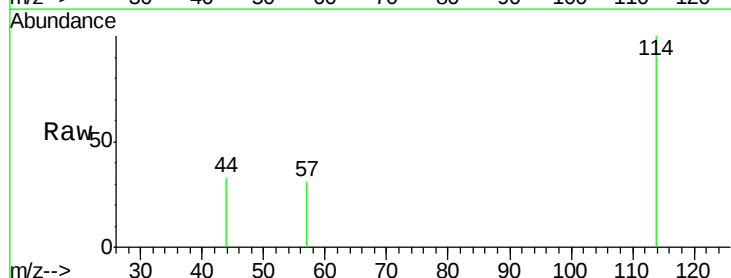
Tgt Ion: 114 Resp: 3348

Ion Ratio Lower Upper

114 100

63 0.0 0.0 42.6

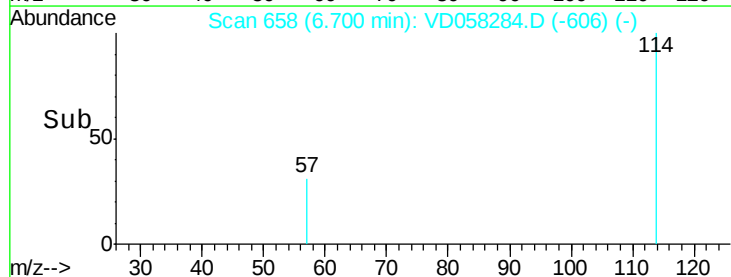
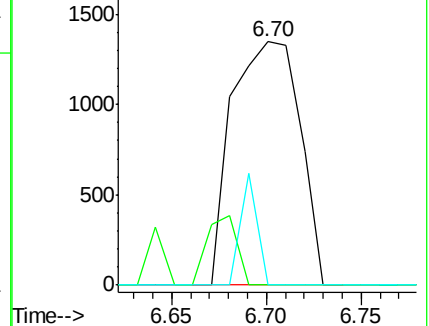
88 0.0 0.0 40.6

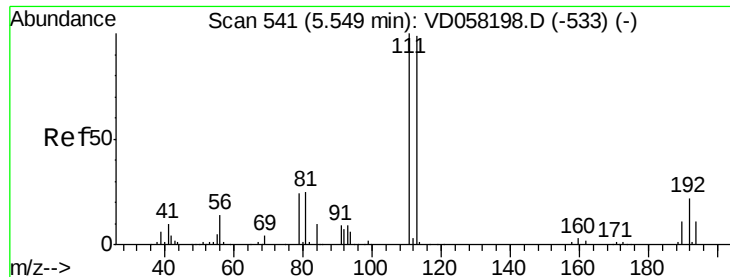


Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058284.D

Acq: 22 Jun 2018 8:07

Instrument :

MSVOA_D

ClientSampleId :

SC-01-ABC

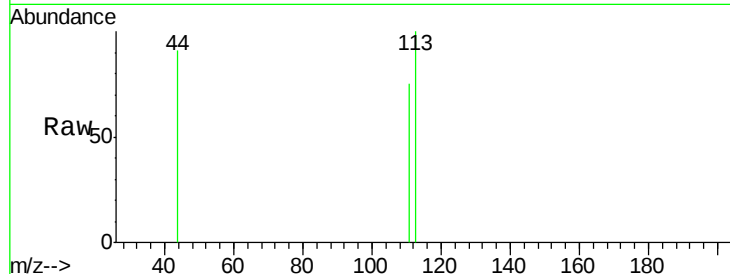
Tot Ion:113 Resp: 927

Ion Ratio Lower Upper

113 100

111 75.1 80.6 121.0#

192 0.0 17.8 26.6#



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

5.56

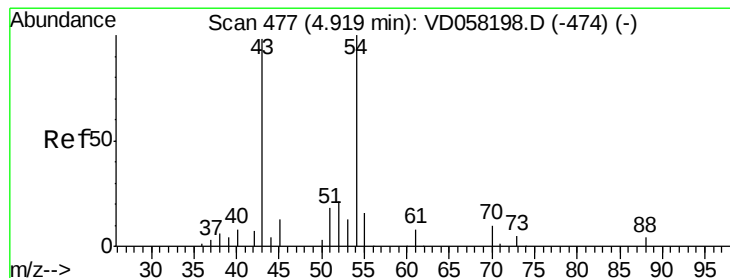
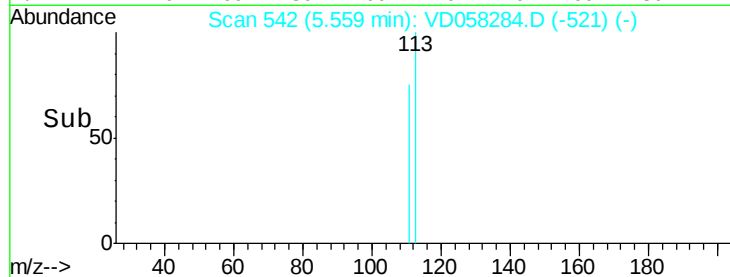
600

400

200

0

Time-->



#37

Ethyl Acetate

Concen: 15.37 ug/l

RT: 4.85 min Scan# 470

Delta R.T. -0.07 min

Lab File: VD058284.D

Acq: 22 Jun 2018 8:07

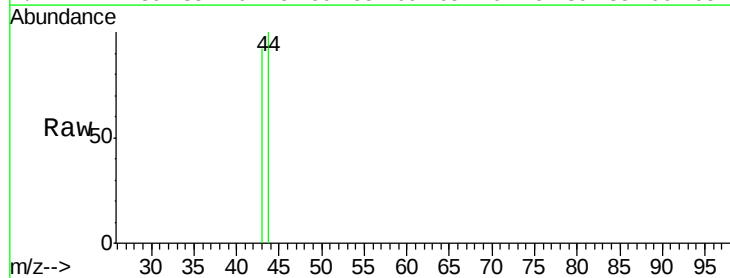
Tgt Ion: 43 Resp: 290

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

70 0.0 5.7 8.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

4.85

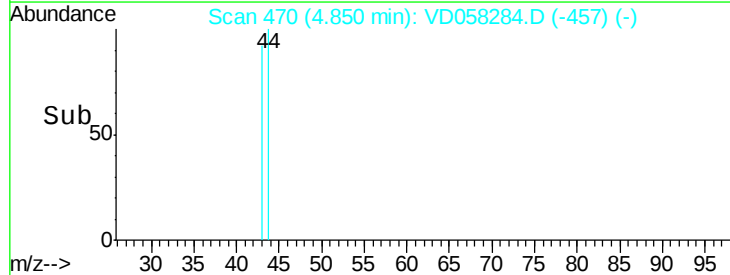
600

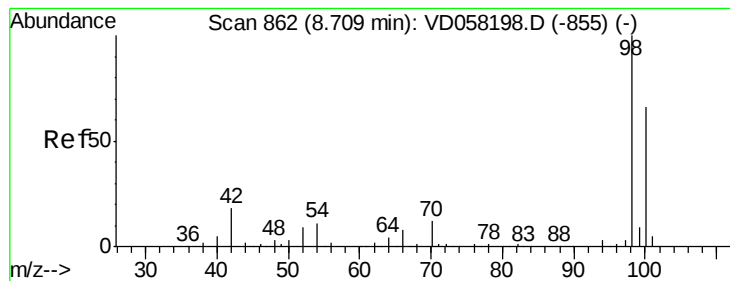
400

200

0

Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VD058284.D

Acq: 22 Jun 2018 8:07

Instrument :

MSVOA_D

ClientSampleId :

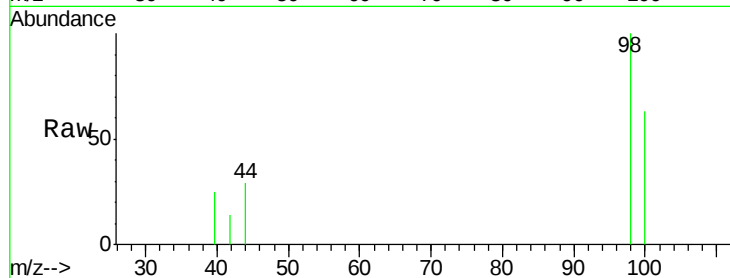
SC-01-ABC

Tot Ion: 98 Resp: 4990

Ion Ratio Lower Upper

98 100

100 63.1 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD

8.71

2500

2000

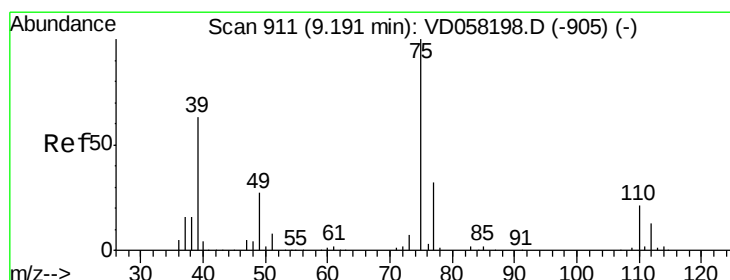
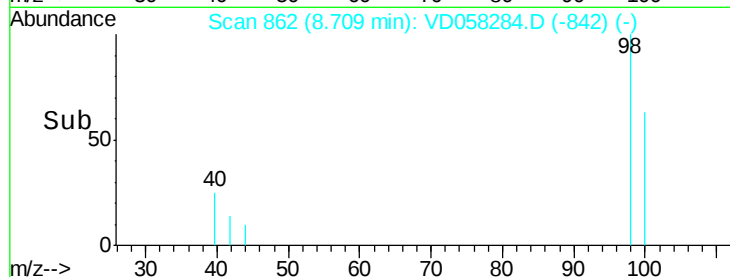
1500

1000

500

0

Time-->



#53

t-1,3-Dichloropropene

Concen: 7.51 ug/l

RT: 9.35 min Scan# 927

Delta R.T. 0.16 min

Lab File: VD058284.D

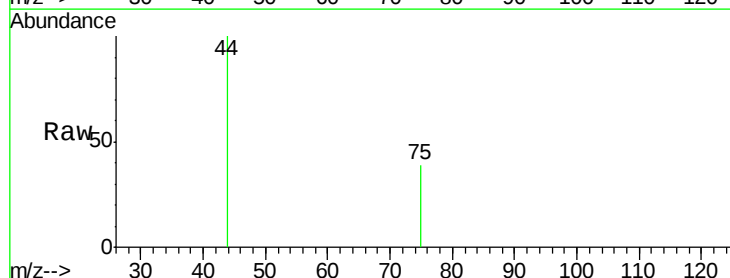
Acq: 22 Jun 2018 8:07

Tgt Ion: 75 Resp: 216

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VD0

Ion 76.95 (76.65 to 77.65): VD0

9.35

400

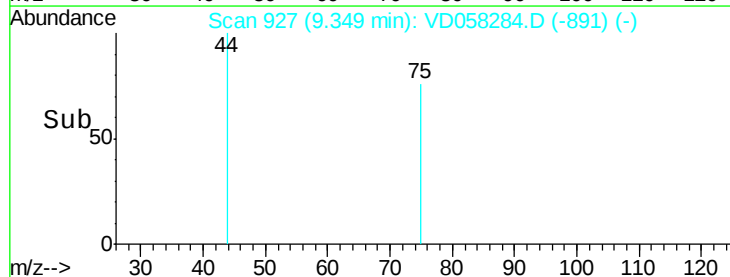
300

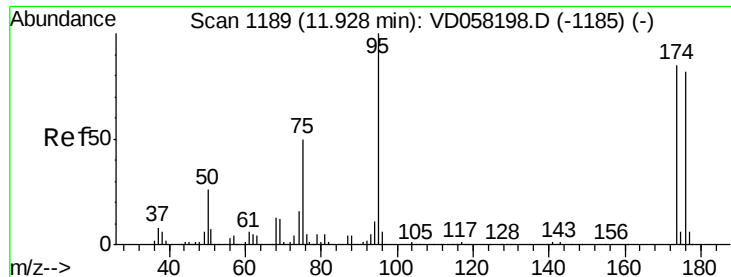
200

100

0

Time-->

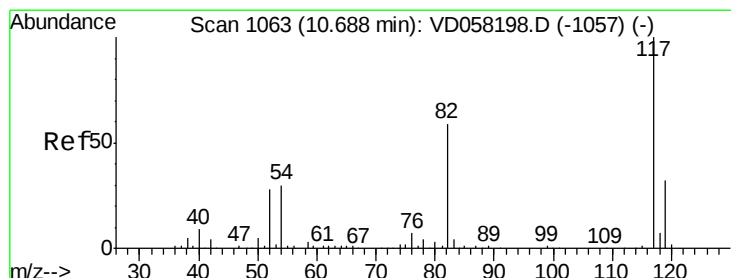
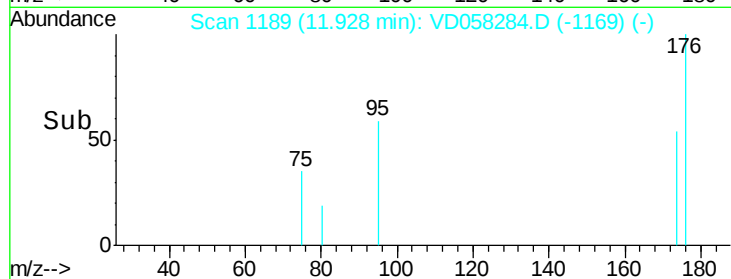
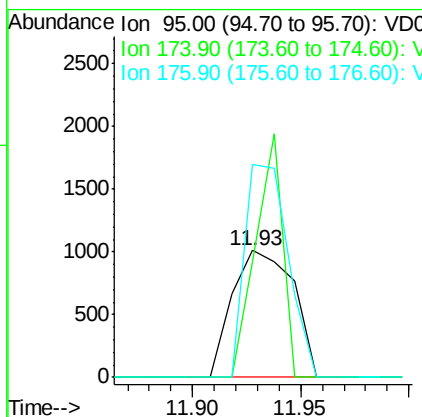
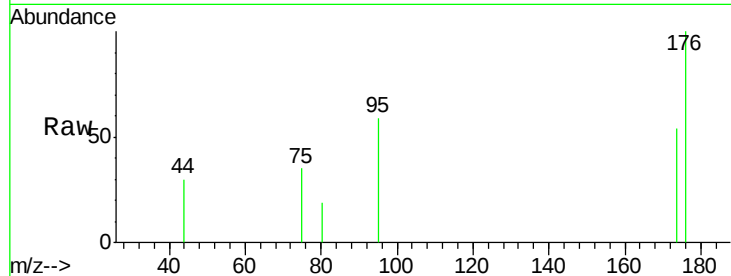




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058284.D
Acq: 22 Jun 2018 8:07

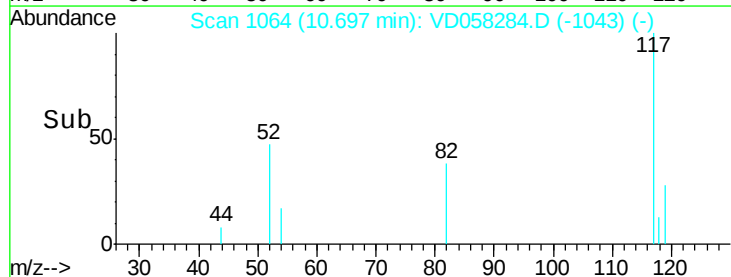
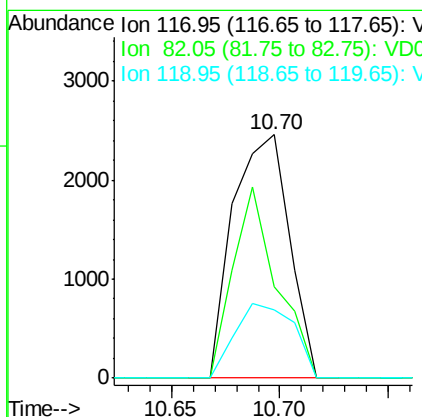
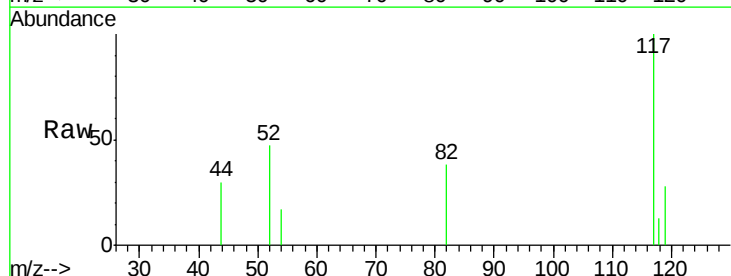
Instrument :
MSVOA_D
ClientSampleID :
SC-01-ABC

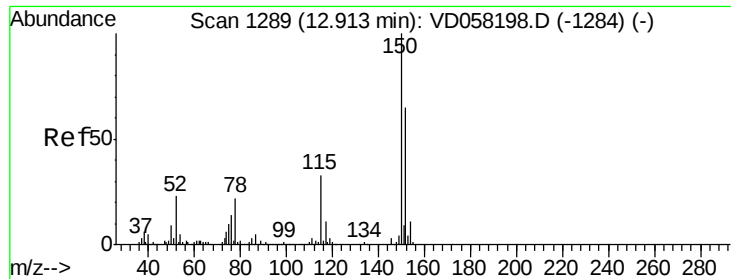
Tot Ion: 95 Resp: 1987
Ion Ratio Lower Upper
95 100
174 91.4 0.0 170.2
176 168.5 0.0 164.6#



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058284.D
Acq: 22 Jun 2018 8:07

Tgt Ion: 117 Resp: 4469
Ion Ratio Lower Upper
117 100
82 37.5 47.0 70.6#
119 27.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058284.D

Acq: 22 Jun 2018 8:07

Instrument :

MSVOA_D

ClientSampleId :

SC-01-ABC

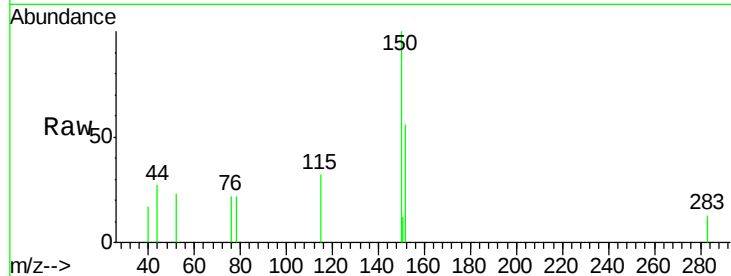
Tot Ion:152 Resp: 1936

Ion Ratio Lower Upper

152 100

115 56.4 25.1 75.3

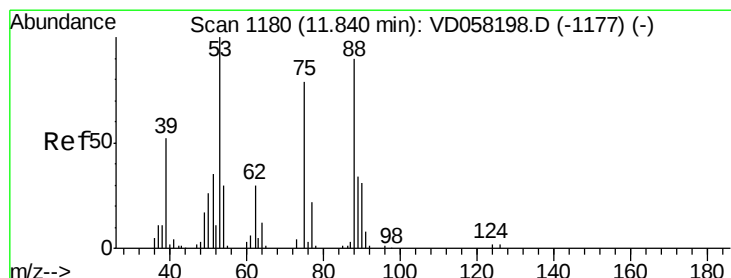
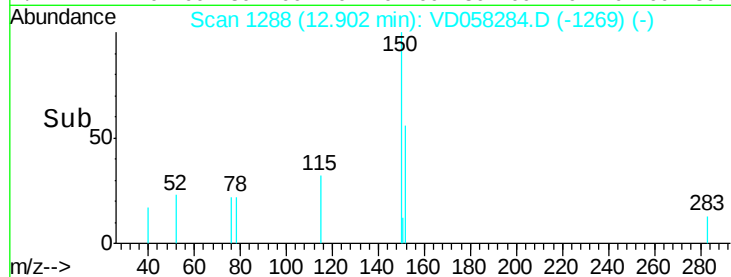
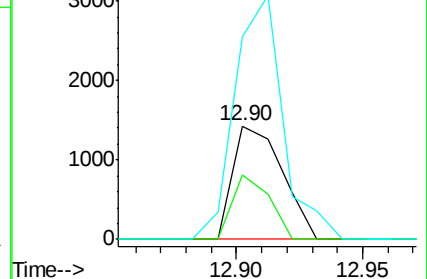
150 179.0 0.0 308.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 97.77 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD058284.D

Acq: 22 Jun 2018 8:07

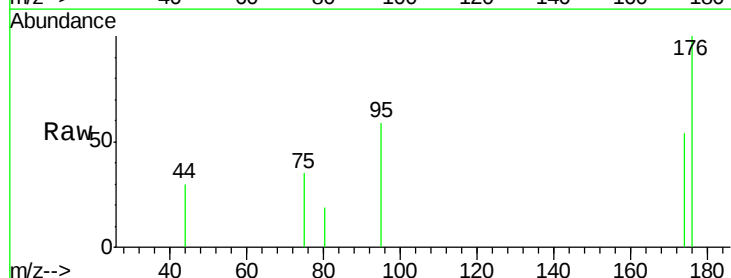
Tgt Ion: 75 Resp: 674

Ion Ratio Lower Upper

75 100

53 0.0 100.8 151.2#

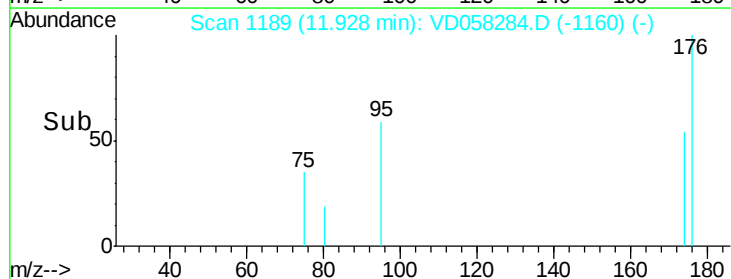
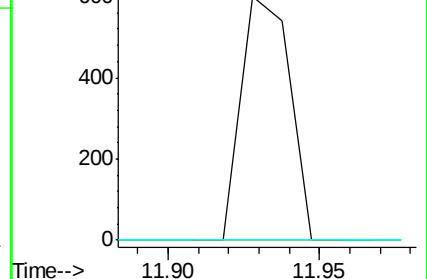
89 0.0 34.6 52.0#

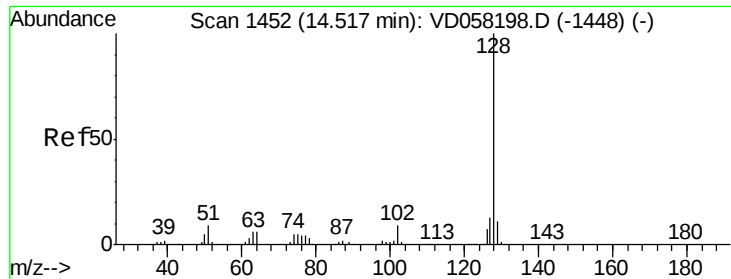


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 2.91 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VD058284.D

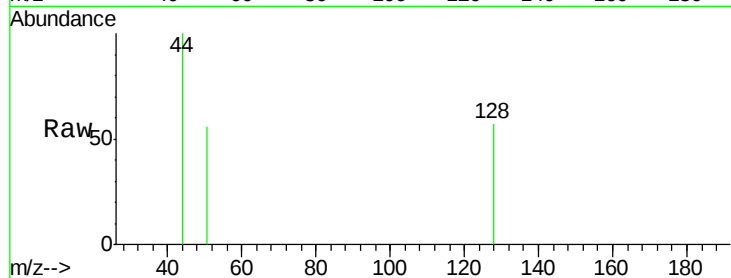
Acq: 22 Jun 2018 8:07

Instrument :

MSVOA_D

ClientSampleId :

SC-01-ABC



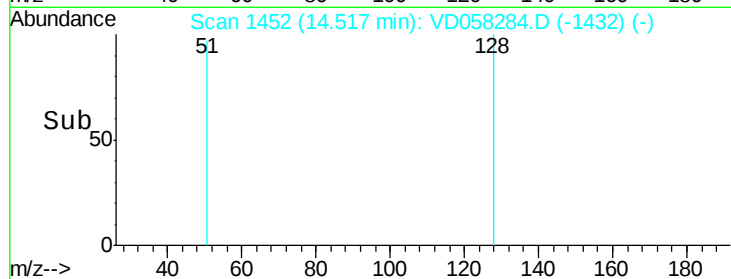
Tot Ion:128 Resp: 188

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 8.7 13.1#



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

