

Data File : VD059401.D
Acq On : 25 Jun 2018 16:16
Operator : VA/AP
Sample : J3669-01RE
Misc : 6.54g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB484-15-17-180620RE

Quant Time: Jul 05 01:53:02 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

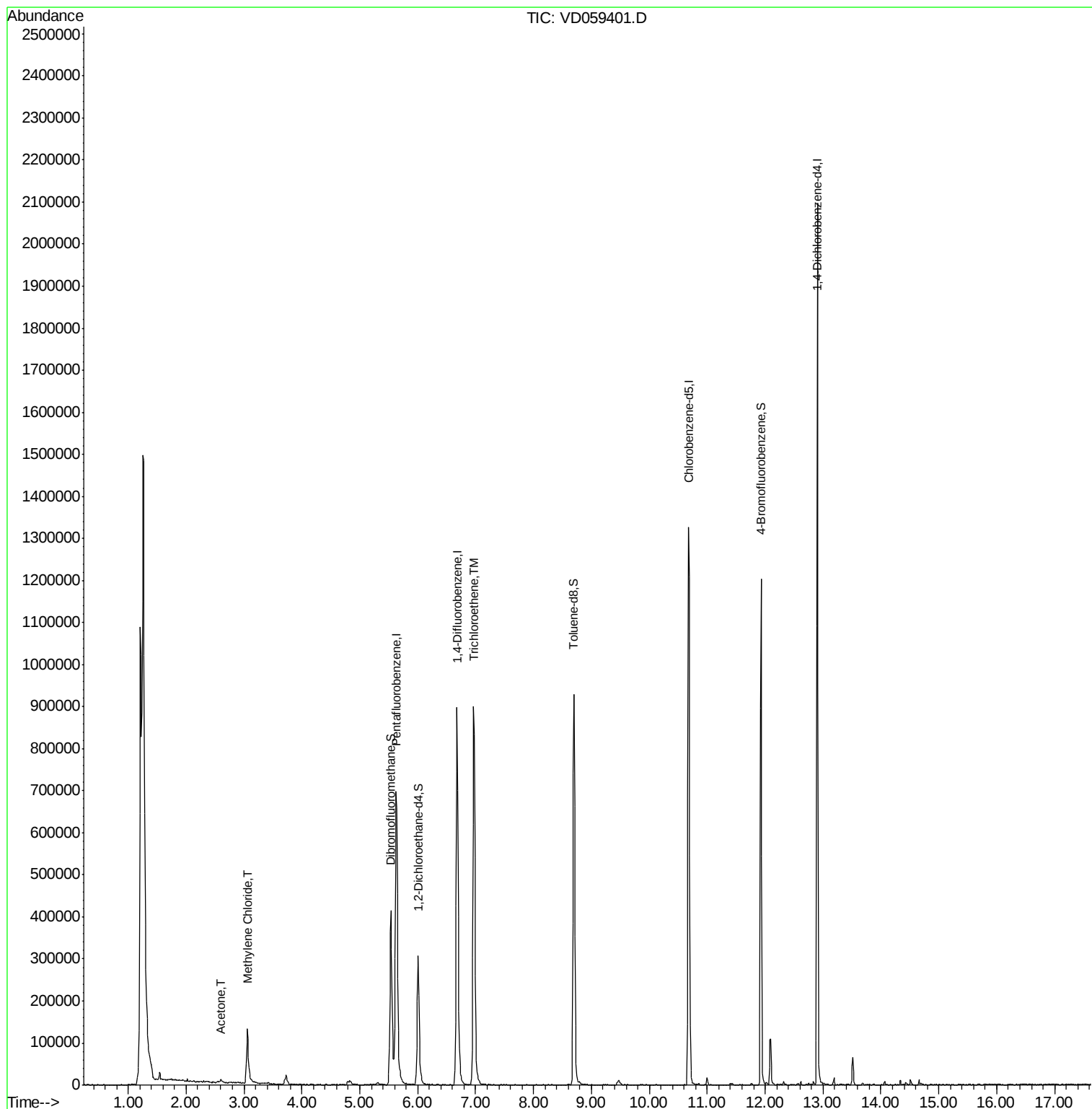
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	725746	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	922080	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	759097	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	433436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	305976	41.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.46%	
35) Dibromofluoromethane	5.54	113	323842	43.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.24%	
50) Toluene-d8	8.70	98	719730	40.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.98%	
62) 4-Bromofluorobenzene	11.93	95	324040	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
16) Acetone	2.61	43	17091	18.246	ug/l	93
20) Methylene Chloride	3.06	84	66256	24.219	ug/l	94
44) Trichloroethene	6.97	130	379834	57.793	ug/l	96

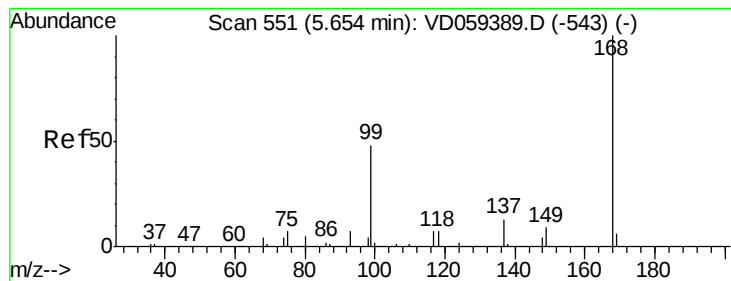
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.02 min

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MSVOA_D

ClientSampleId :

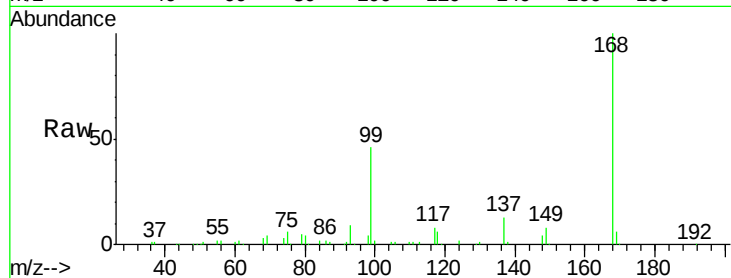
WP021SB484-15-17-180620RE

Tgt Ion:168 Resp: 725746

Ion Ratio Lower Upper

168 100

99 46.0 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

250000

200000

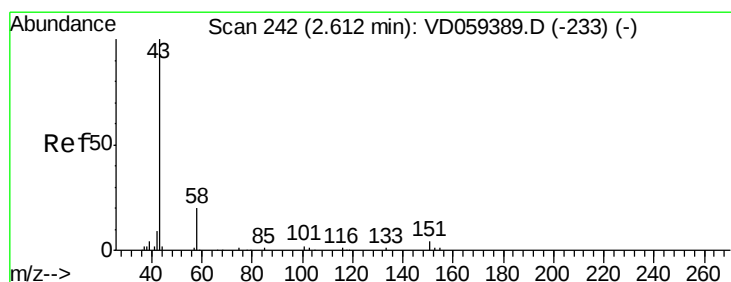
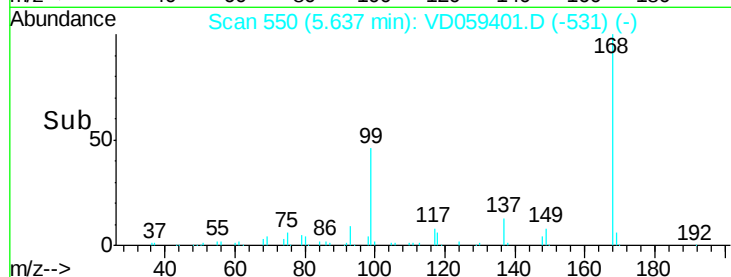
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.246 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059401.D

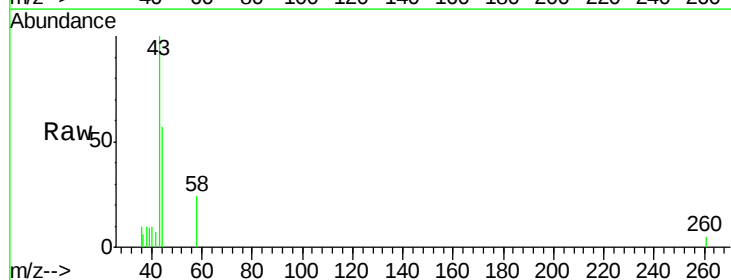
Acq: 25 Jun 2018 16:16

Tgt Ion: 43 Resp: 17091

Ion Ratio Lower Upper

43 100

58 24.3 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

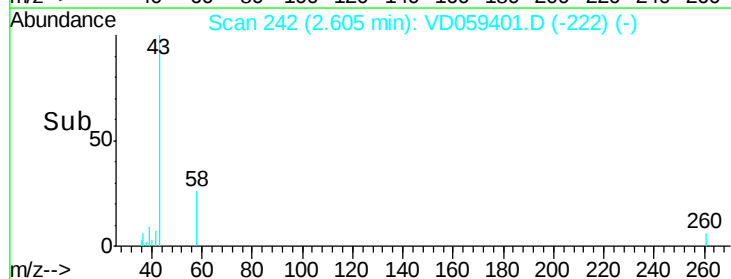
6000

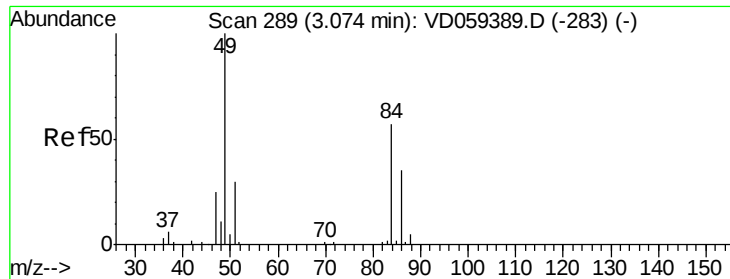
4000

2000

0

Time-->

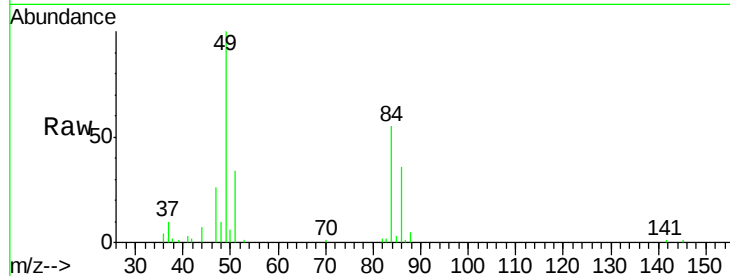




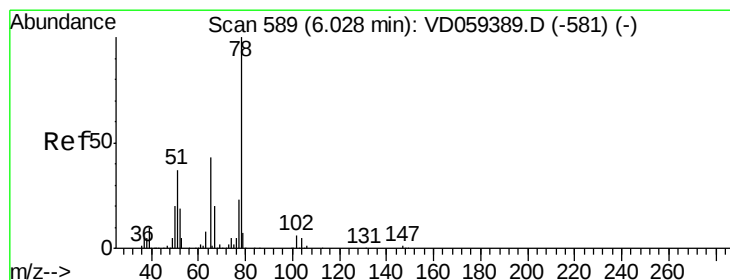
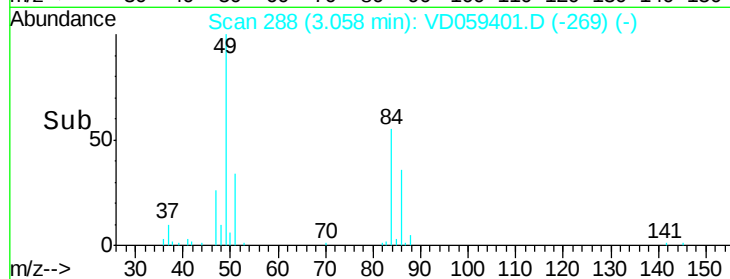
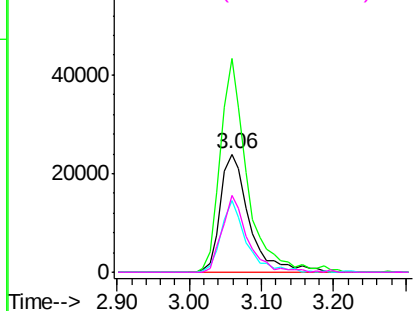
#20
Methylene Chloride
Concen: 24.219 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD059401.D
Acq: 25 Jun 2018 16:16

Instrument :
MSVOA_D
ClientSampleId :
WP021SB484-15-17-180620RE

Tgt Ion:	84	Resp:	66256
Ion	Ratio	Lower	Upper
84	100		
49	181.2	140.3	210.5
51	61.1	41.6	62.4
86	65.0	49.4	74.2

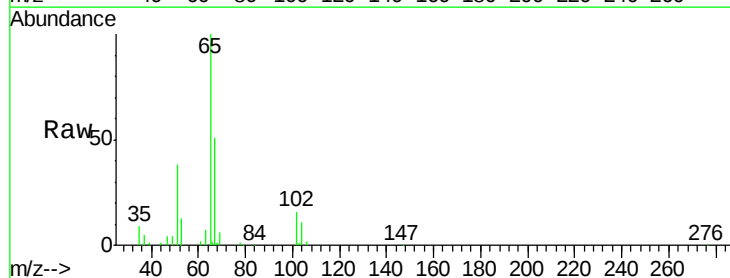


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

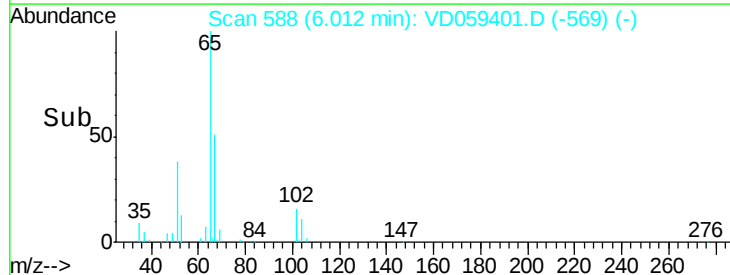
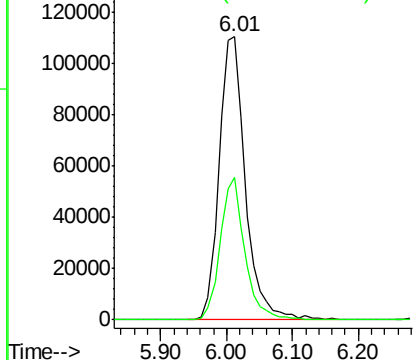


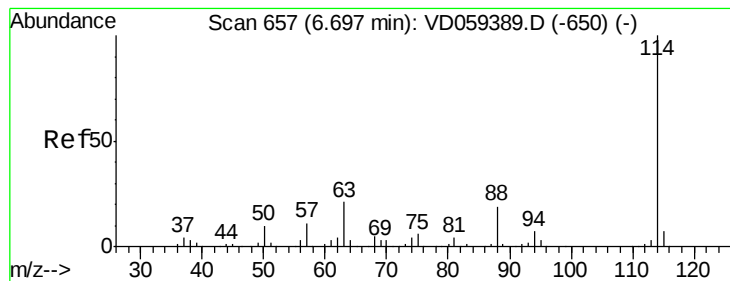
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.02 min
Lab File: VD059401.D
Acq: 25 Jun 2018 16:16

Tgt Ion:	65	Resp:	305976
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD059401.D

Acq: 25 Jun 2018 16:16

Instrument :

MSVOA_D

ClientSampleId :

WP021SB484-15-17-180620RE

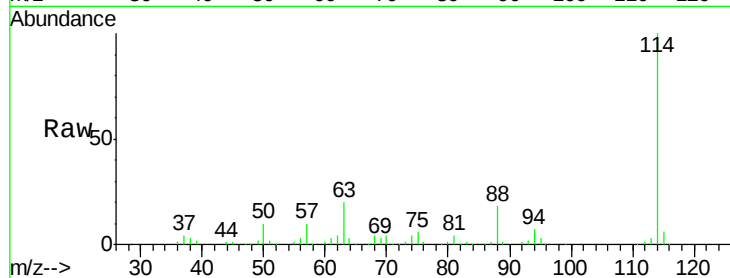
Tgt Ion:114 Resp: 922080

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

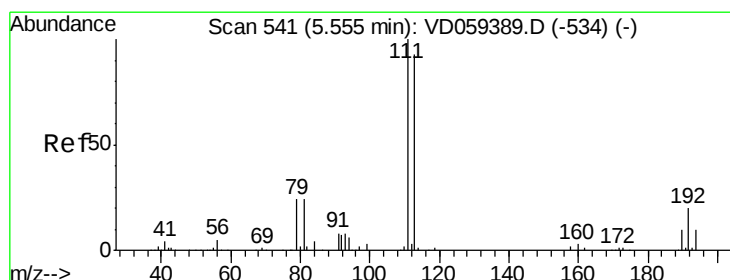
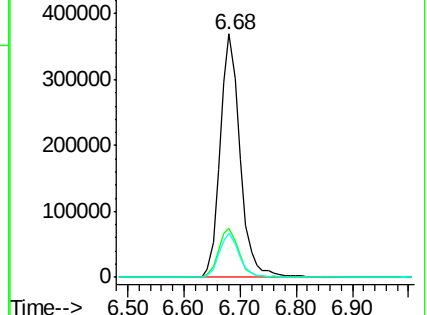
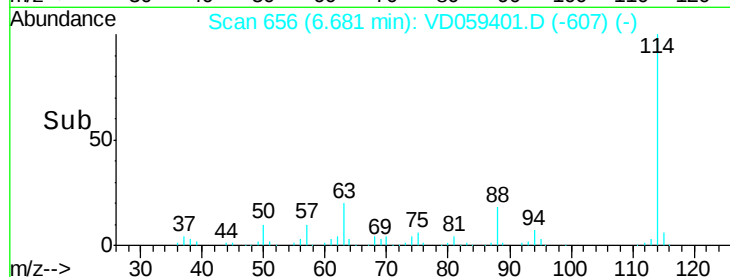
88 18.1 0.0 38.0



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: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD059401.D

Acq: 25 Jun 2018 16:16

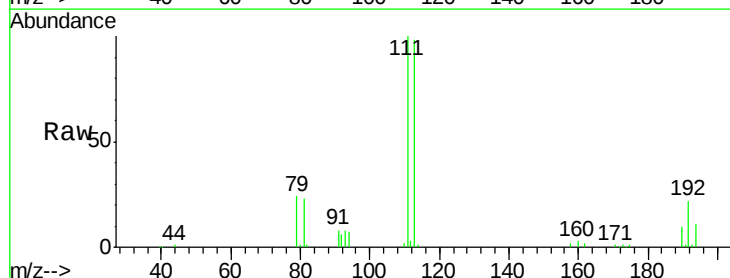
Tgt Ion:113 Resp: 323842

Ion Ratio Lower Upper

113 100

111 101.7 85.7 128.5

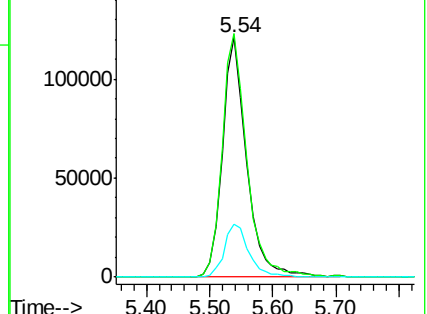
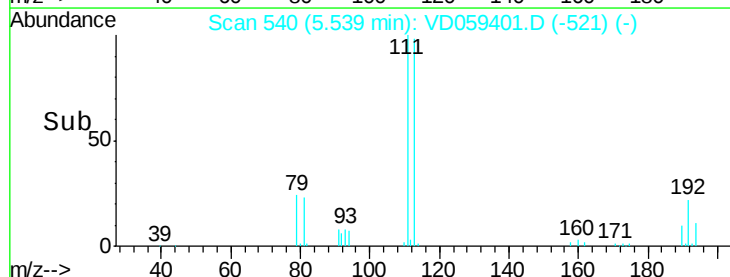
192 22.0 16.9 25.3

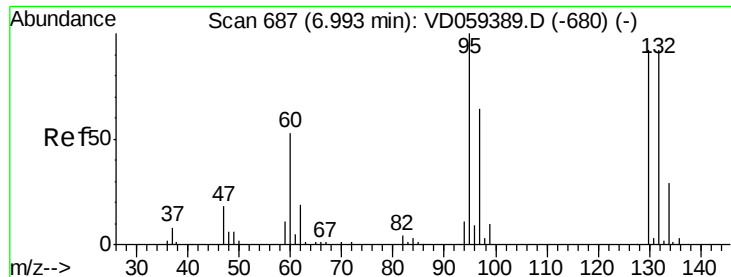


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 57.793 ug/l

RT: 6.97 min Scan# 685

Delta R.T. -0.03 min

Lab File: VD059401.D

Acq: 25 Jun 2018 16:16

Instrument :

MSVOA_D

ClientSampleId :

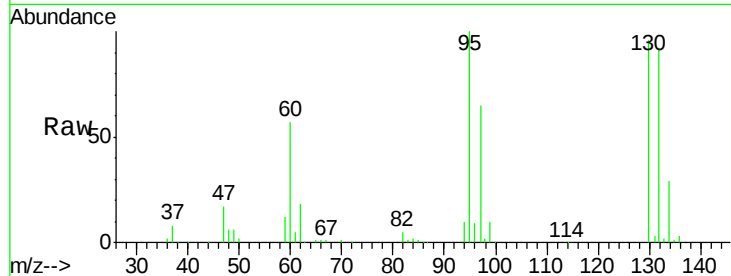
WP021SB484-15-17-180620RE

Tgt Ion:130 Resp: 379834

Ion Ratio Lower Upper

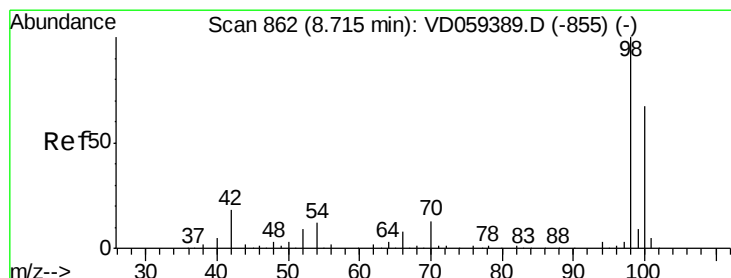
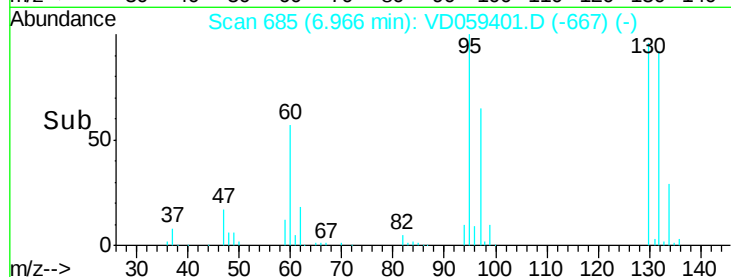
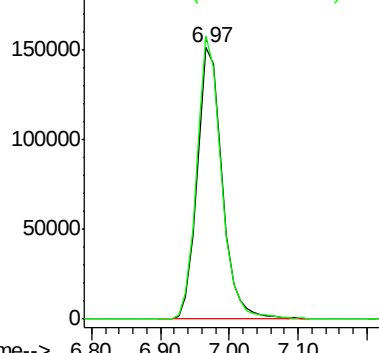
130 100

95 104.2 0.0 216.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059401.D

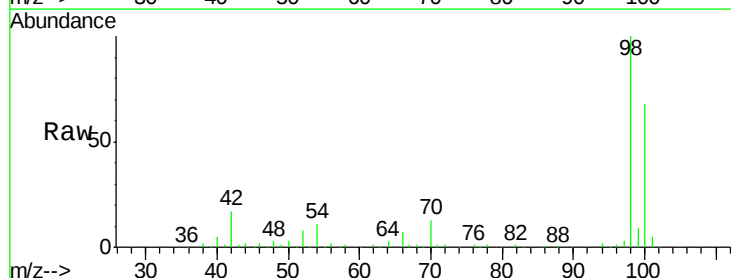
Acq: 25 Jun 2018 16:16

Tgt Ion: 98 Resp: 719730

Ion Ratio Lower Upper

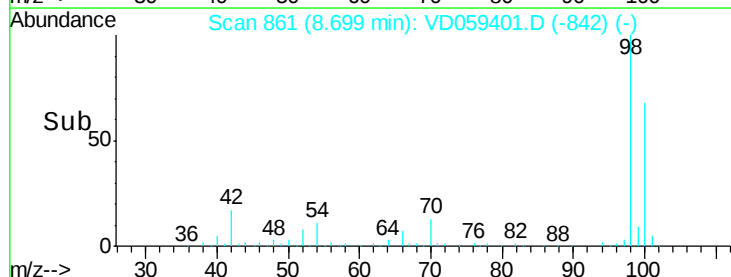
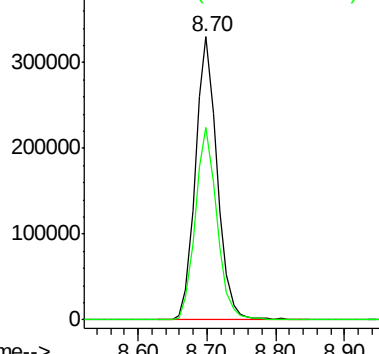
98 100

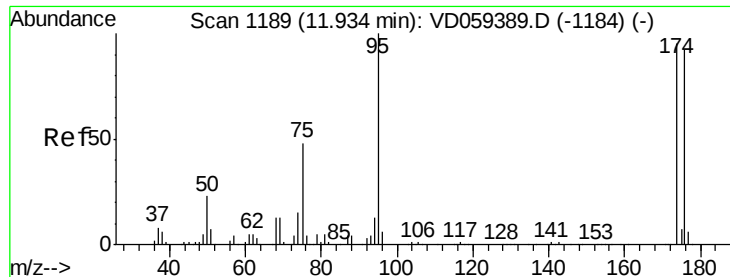
100 67.9 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059401.D

Acq: 25 Jun 2018 16:16

Instrument :

MSVOA_D

ClientSampleId :

WP021SB484-15-17-180620RE

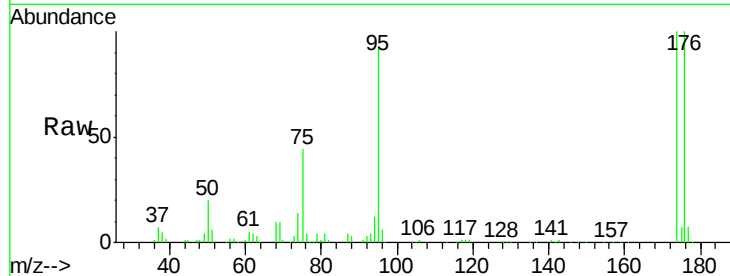
Tgt Ion: 95 Resp: 324040

Ion Ratio Lower Upper

95 100

174 107.9 0.0 190.4

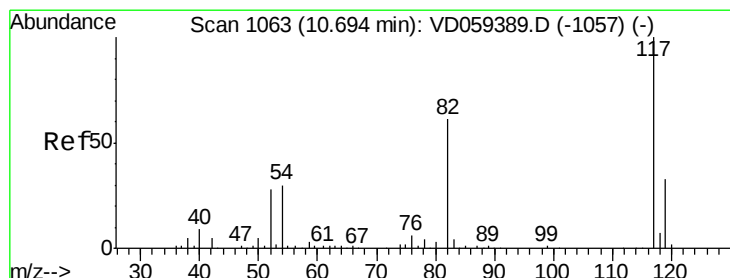
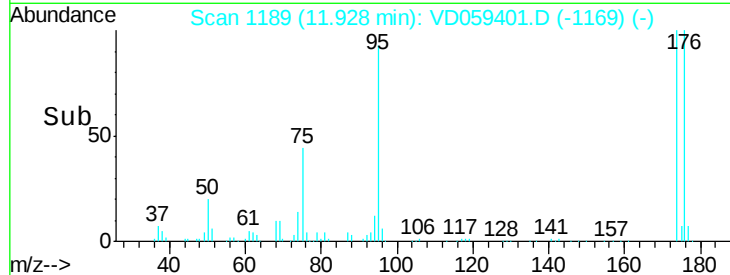
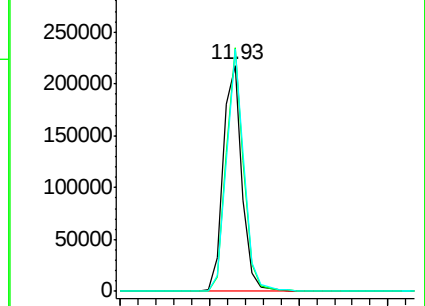
176 107.4 0.0 183.2



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: 50.000 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059401.D

Acq: 25 Jun 2018 16:16

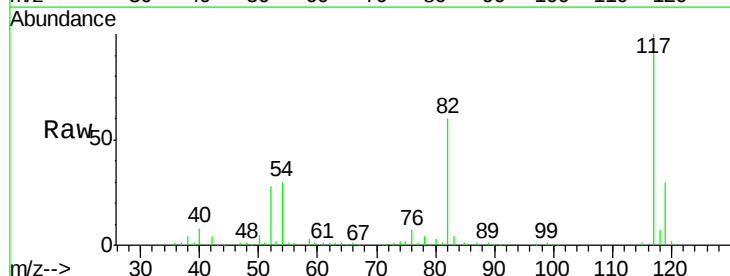
Tgt Ion: 117 Resp: 759097

Ion Ratio Lower Upper

117 100

82 59.8 49.0 73.6

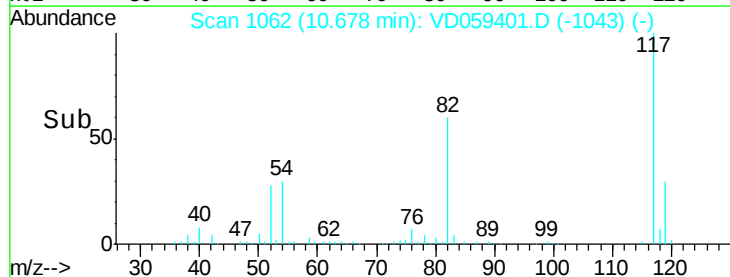
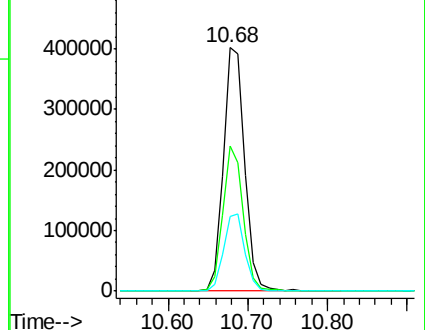
119 30.5 26.2 39.4

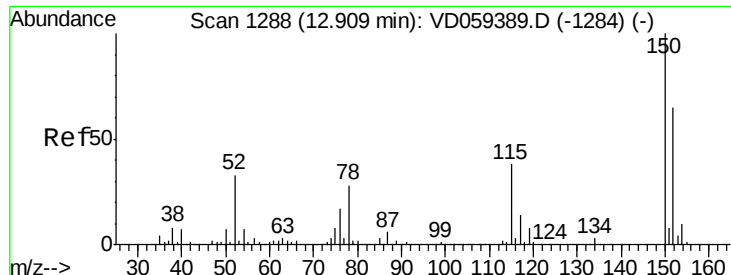


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

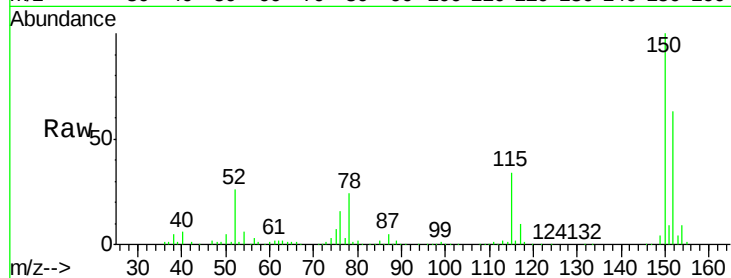




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.90 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD059401.D
 Acq: 25 Jun 2018 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB484-15-17-180620RE

Tgt Ion:152 Resp: 433436
 Ion Ratio Lower Upper
 152 100
 115 53.3 29.4 88.3
 150 158.8 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

