

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059403.D
 Acq On : 25 Jun 2018 17:12
 Operator : VA/AP
 Sample : J3669-04RE
 Misc : 6.34g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB484-21-23-180620RE

Quant Time: Jun 26 07:30:20 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

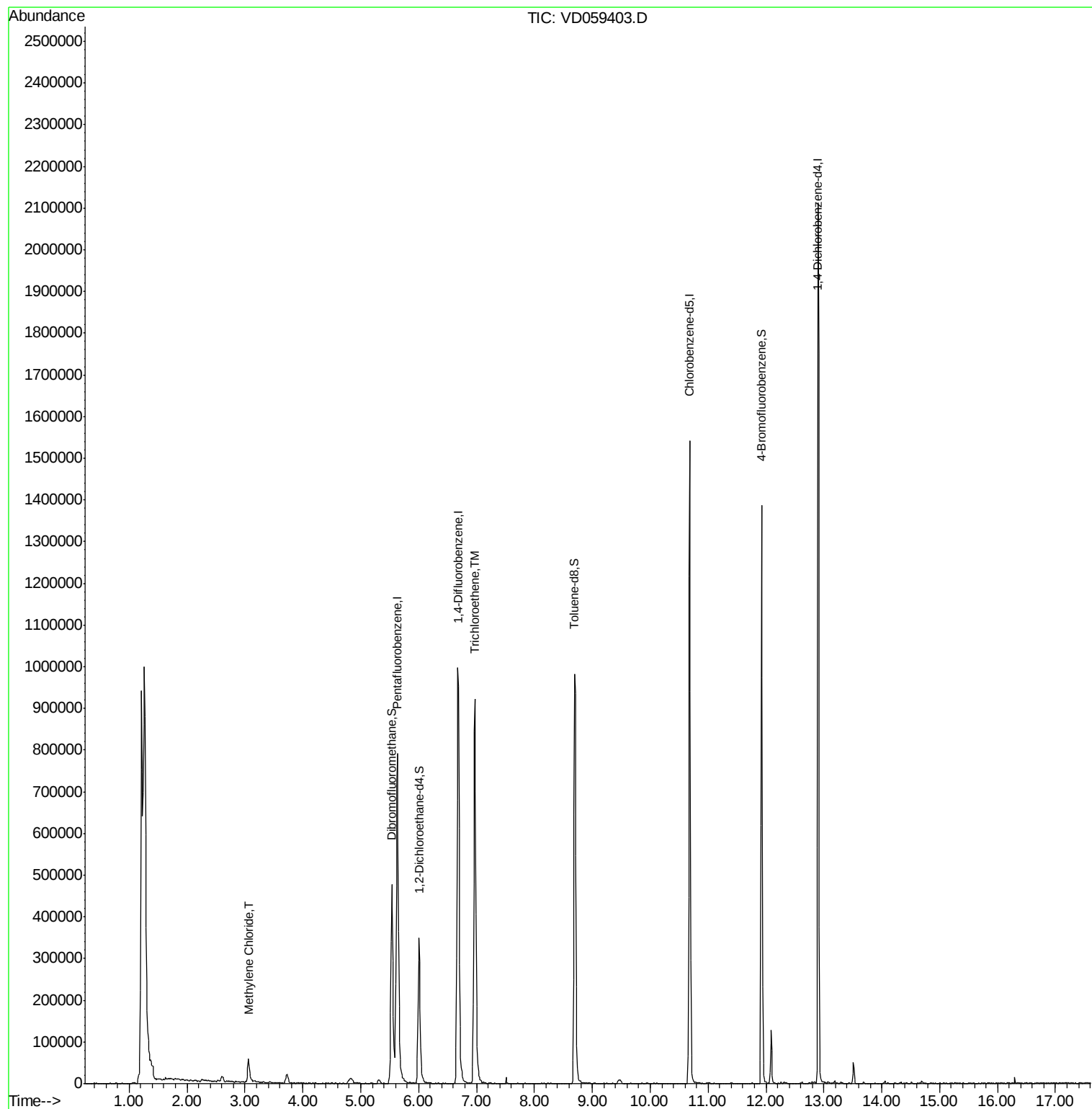
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	796718	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.69	114	1044003	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	839838	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	482315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	350322	43.00	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.00%	
35) Dibromofluoromethane	5.54	113	370689	43.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.18%	
50) Toluene-d8	8.70	98	803925	40.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.88%	
62) 4-Bromofluorobenzene	11.92	95	359917	43.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
20) Methylene Chloride	3.06	84	27614	7.57	ug/l	91
44) Trichloroethene	6.97	130	394588	53.03	ug/l	100

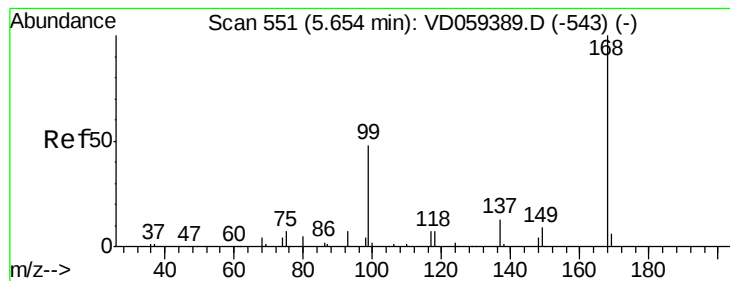
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062518\
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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: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059403.D

Acq: 25 Jun 2018 17:12

Instrument :

MSVOA_D

ClientSampleId :

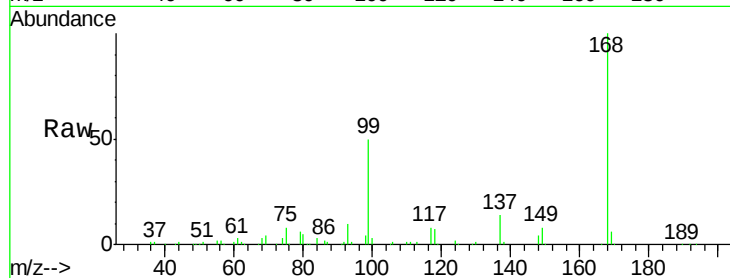
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Tot Ion:168 Resp: 796718

Ion Ratio Lower Upper

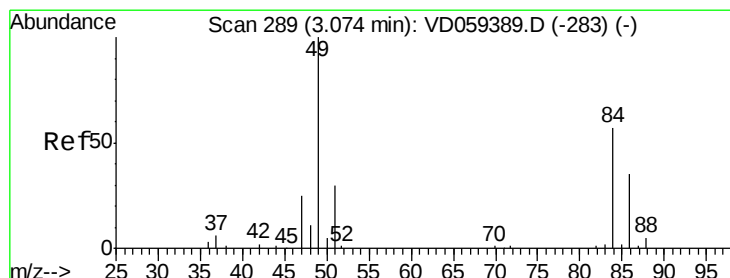
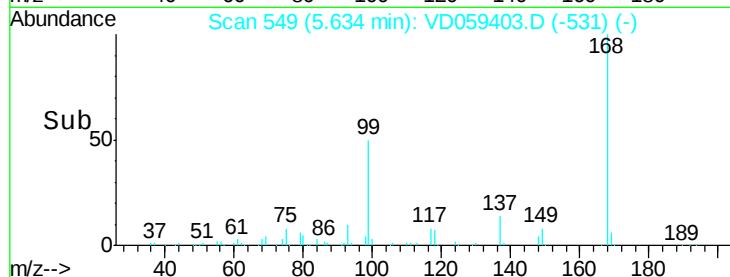
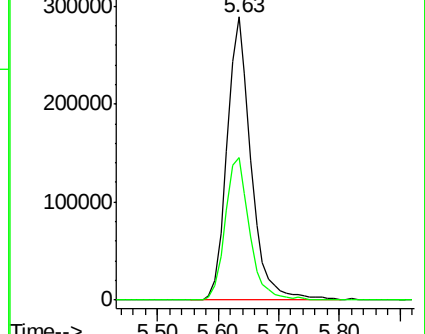
168 100

99 50.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 7.57 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.01 min

Lab File: VD059403.D

Acq: 25 Jun 2018 17:12

Tgt Ion: 84 Resp: 27614

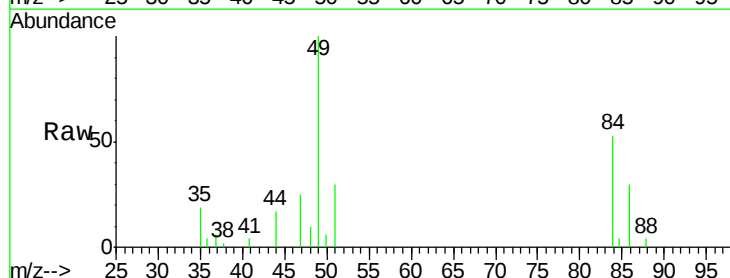
Ion Ratio Lower Upper

84 100

49 190.0 140.3 210.5

51 56.4 41.6 62.4

86 56.1 49.4 74.2

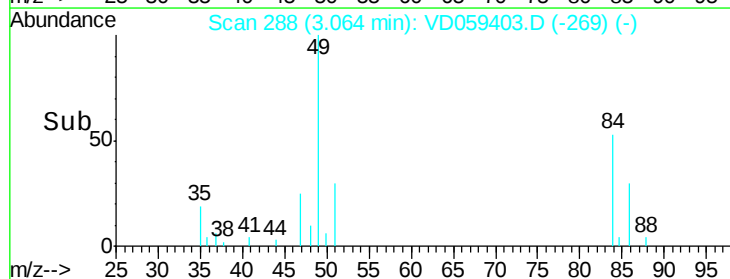
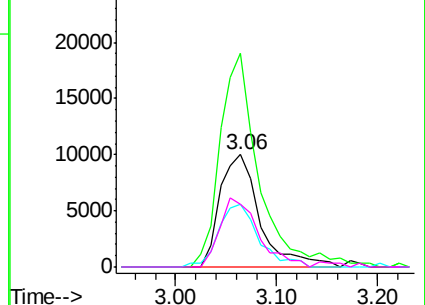


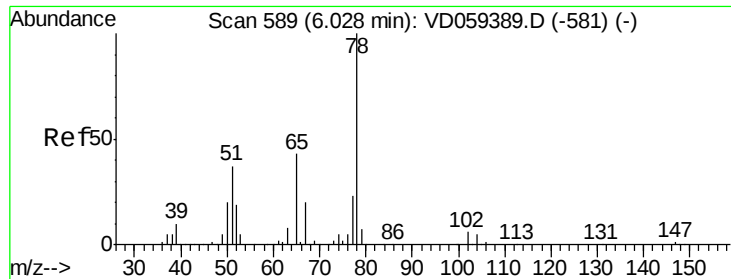
Abundance Ion 83.95 (83.65 to 84.65): VDC

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# 587

Delta R.T. -0.02 min

Lab File: VD059403.D

Acq: 25 Jun 2018 17:12

Instrument :

MSVOA_D

ClientSampleId :

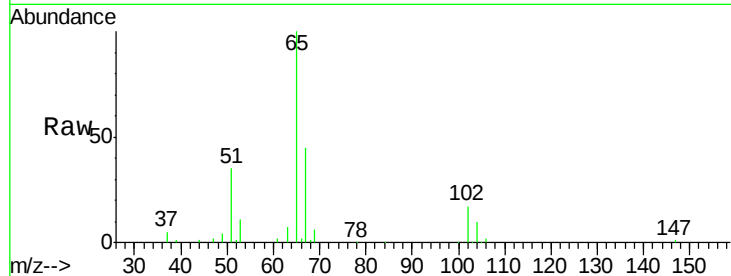
WP021SB484-21-23-180620RE

Tot Ion: 65 Resp: 350322

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

6.01

150000

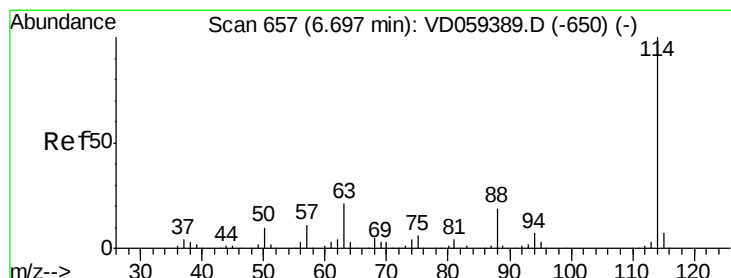
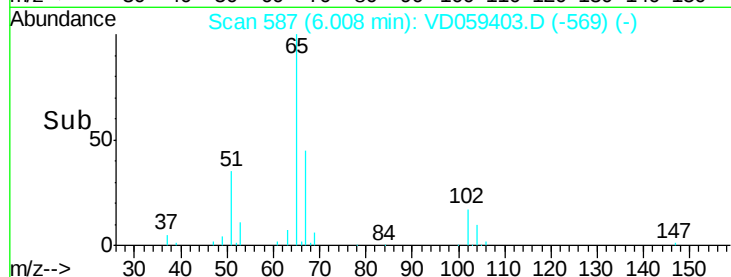
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD059403.D

Acq: 25 Jun 2018 17:12

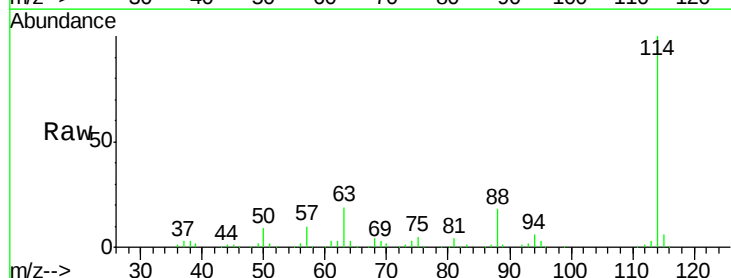
Tgt Ion: 114 Resp: 1044003

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 18.0 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

6.69

500000

400000

300000

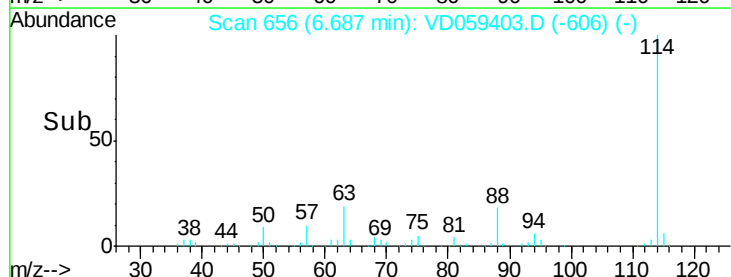
200000

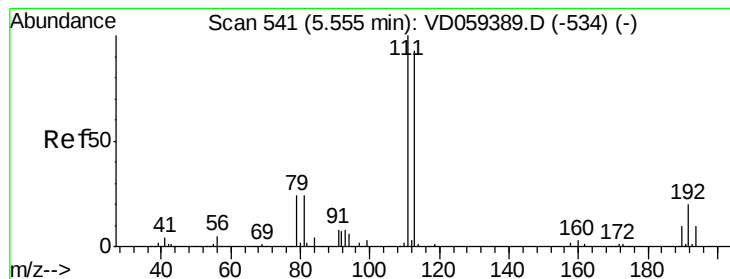
100000

0

Time-->

6.60 6.80 7.00





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD059403.D

Acq: 25 Jun 2018 17:12

Instrument :

MSVOA_D

ClientSampleId :

WP021SB484-21-23-180620RE

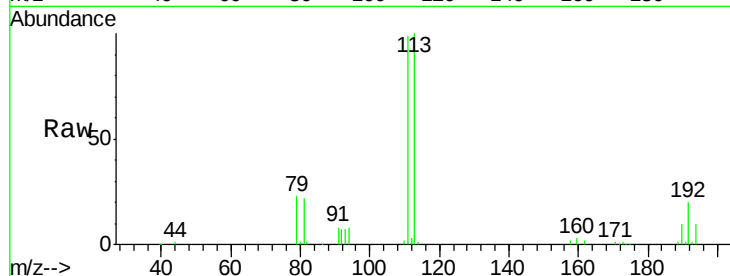
Tot Ion:113 Resp: 370689

Ion Ratio Lower Upper

113 100

111 98.6 85.7 128.5

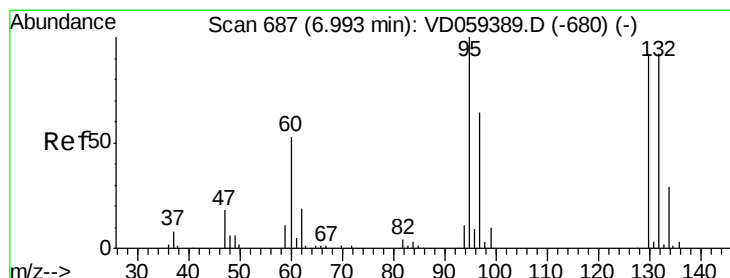
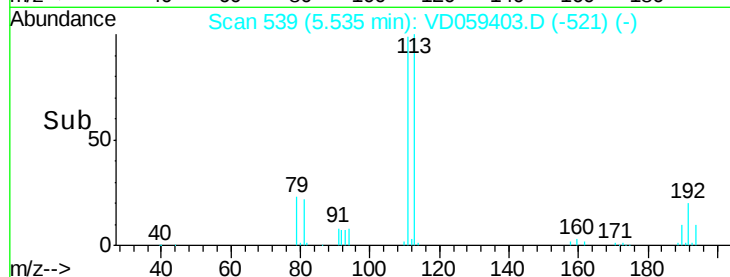
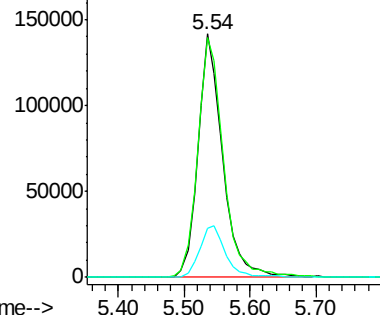
192 20.1 16.9 25.3



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: 53.03 ug/l

RT: 6.97 min Scan# 685

Delta R.T. -0.02 min

Lab File: VD059403.D

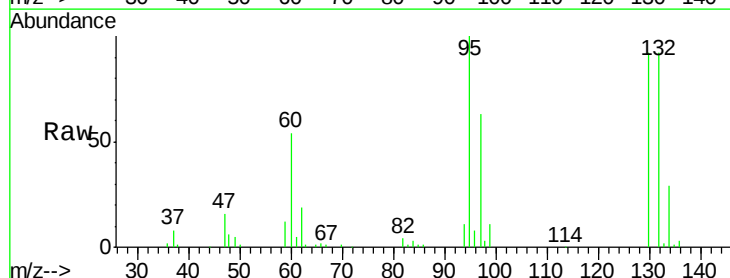
Acq: 25 Jun 2018 17:12

Tgt Ion:130 Resp: 394588

Ion Ratio Lower Upper

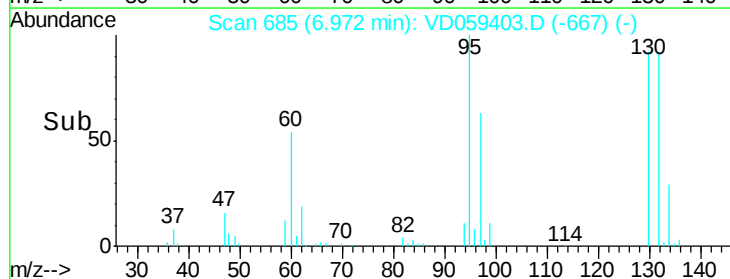
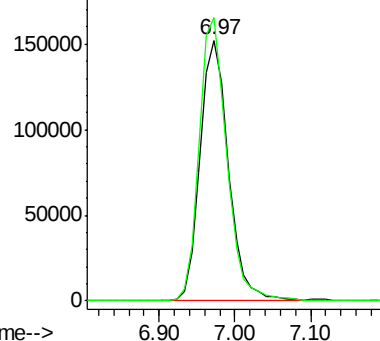
130 100

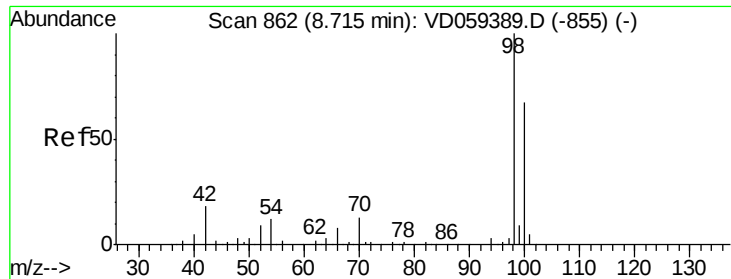
95 108.5 0.0 216.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

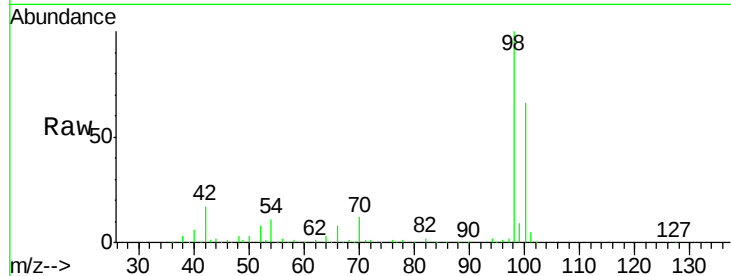




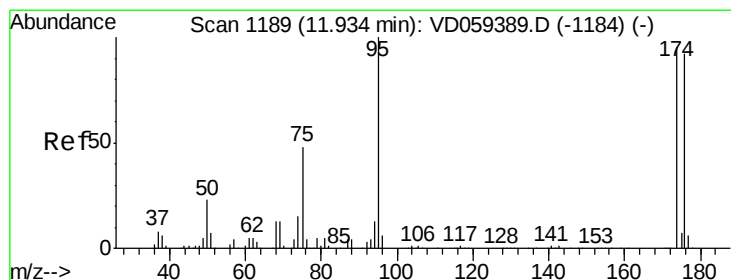
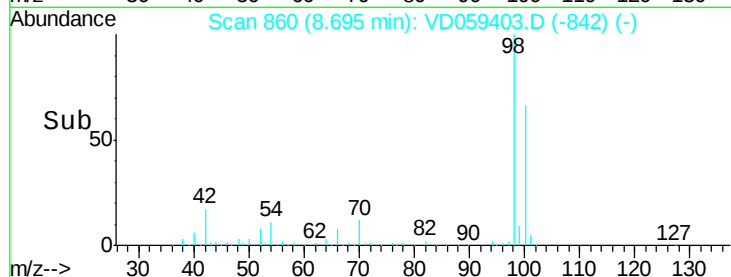
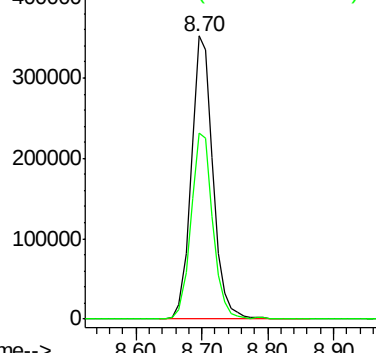
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059403.D
Acq: 25 Jun 2018 17:12

Instrument :
MSVOA_D
ClientSampleId :
WP021SB484-21-23-180620RE

Tot Ion: 98 Resp: 803925
Ion Ratio Lower Upper
98 100
100 65.6 54.4 81.6

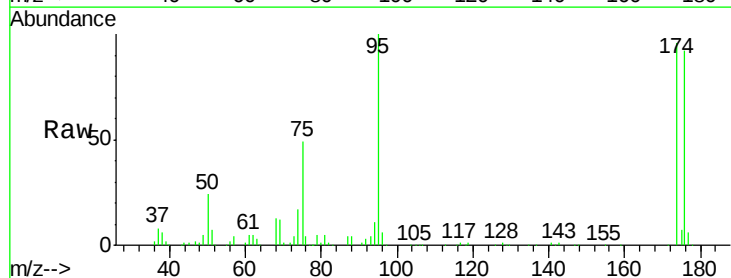


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

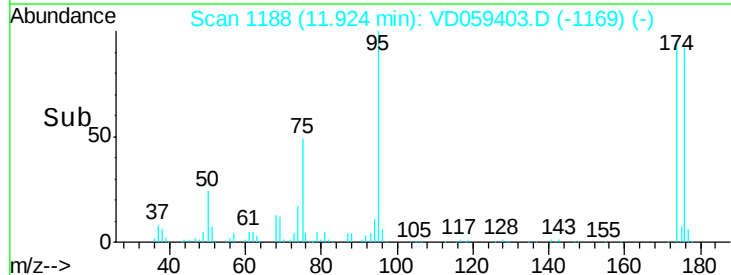
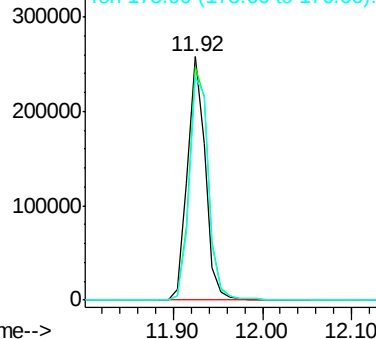


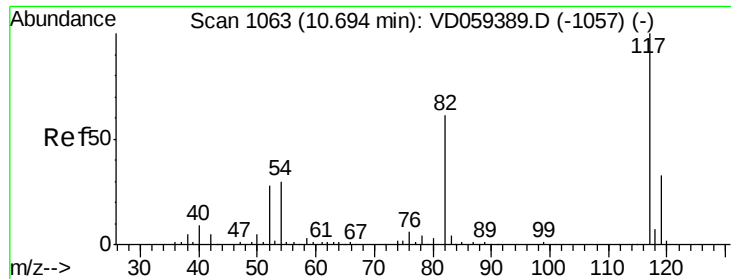
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059403.D
Acq: 25 Jun 2018 17:12

Tgt Ion: 95 Resp: 359917
Ion Ratio Lower Upper
95 100
174 95.7 0.0 190.4
176 91.8 0.0 183.2



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

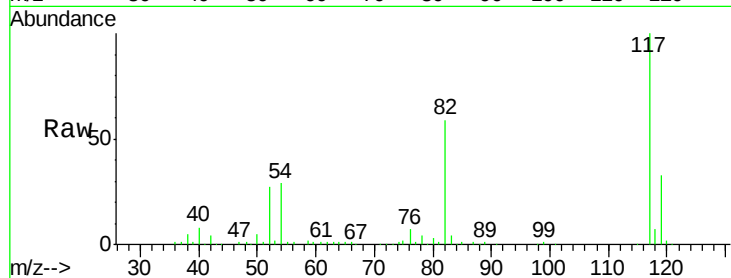




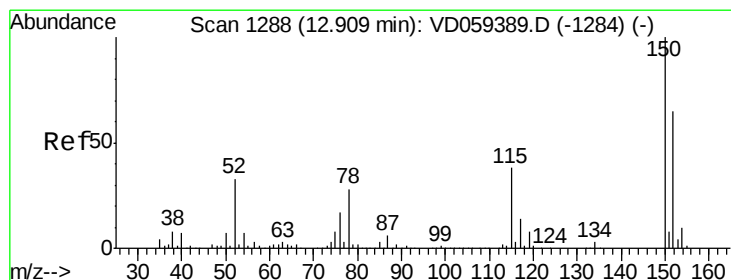
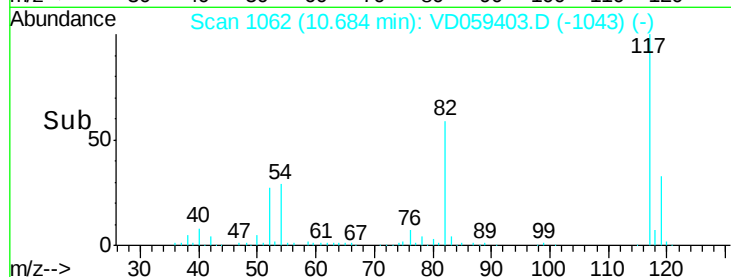
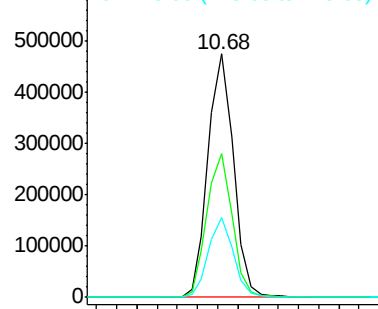
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059403.D
Acq: 25 Jun 2018 17:12

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Tot Ion:117 Resp: 839838
Ion Ratio Lower Upper
117 100
82 59.3 49.0 73.6
119 32.6 26.2 39.4

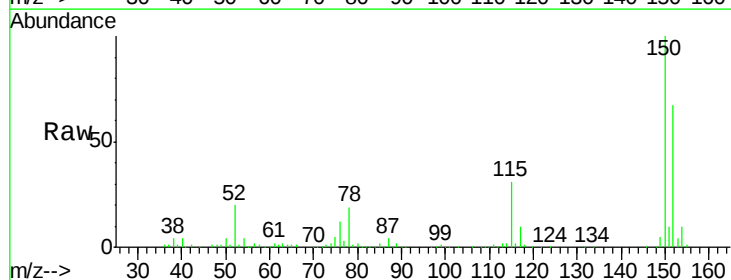


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059403.D
Acq: 25 Jun 2018 17:12

Tgt Ion:152 Resp: 482315
Ion Ratio Lower Upper
152 100
115 45.7 29.4 88.3
150 149.8 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

