

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058164.D
 Acq On : 15 Jun 2018 20:53
 Operator : VA/AP
 Sample : J3500-01
 Misc : 4.27g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-56(0-5)

Quant Time: Jun 16 00:24:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

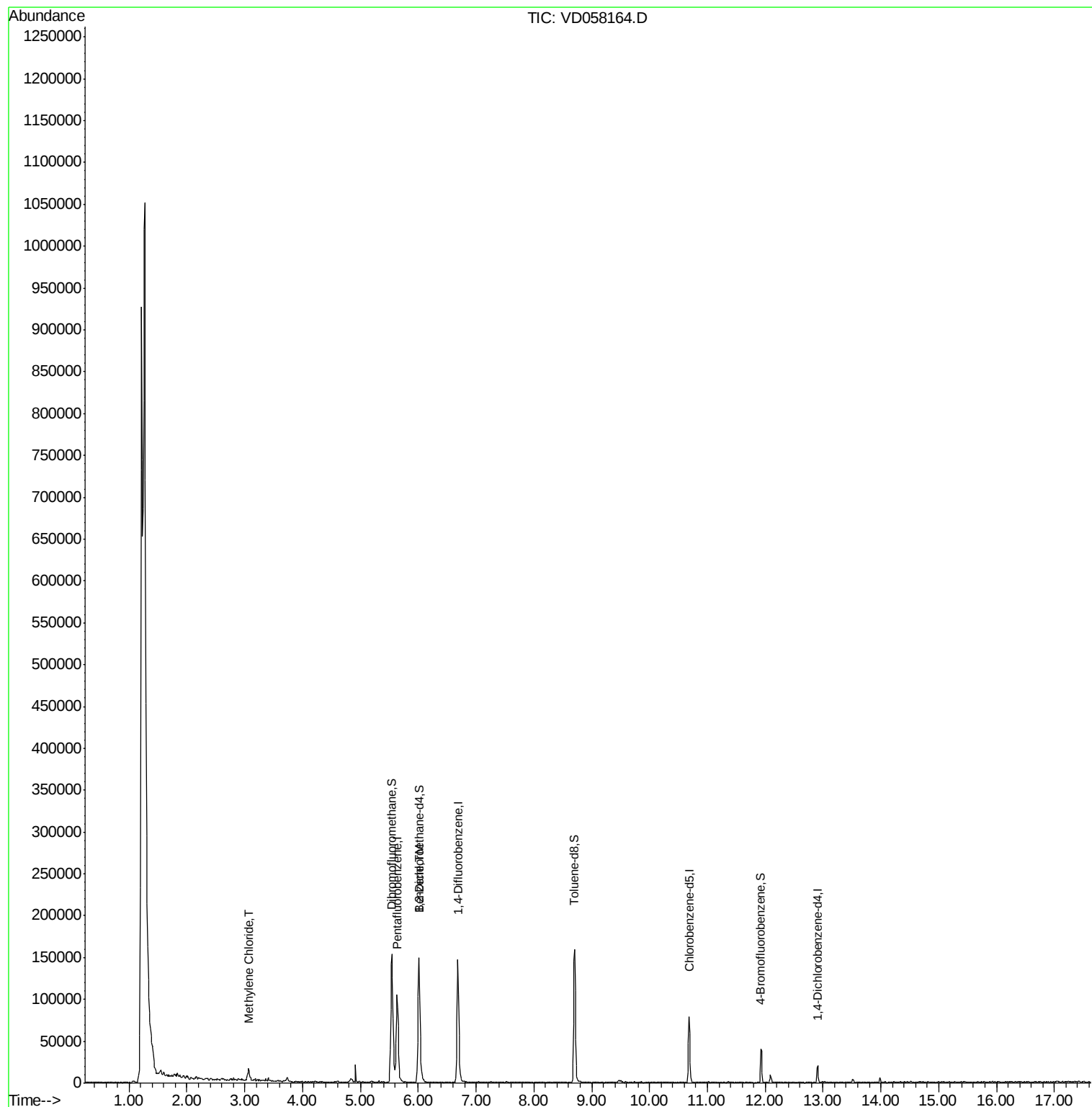
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	101001	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	142402	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	44076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	4380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	136064	134.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	269.50%	
35) Dibromofluoromethane	5.54	113	123536	112.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	224.24%	
50) Toluene-d8	8.70	98	121416	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.92	95	12406	10.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.72%	
Target Compounds						
20) Methylene Chloride	3.06	84	6289	12.249	ug/l	86
40) Benzene	6.01	78	17014	4.642	ug/l	91

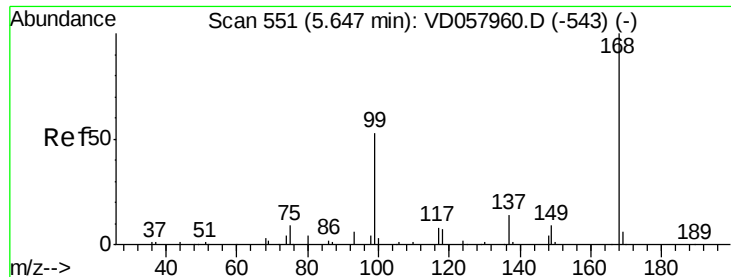
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD058164.D

Acq: 15 Jun 2018 20:53

Instrument :

MSVOA_D

ClientSampleId :

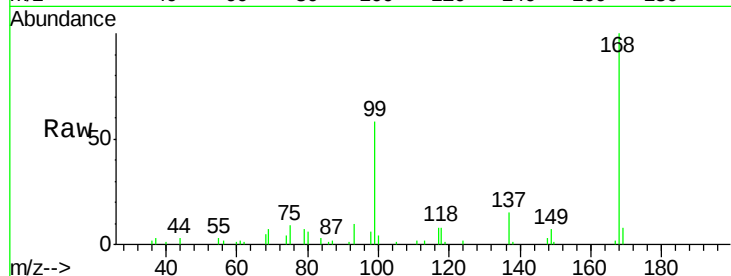
SB-56(0-5)

Tot Ion:168 Resp: 101001

Ion Ratio Lower Upper

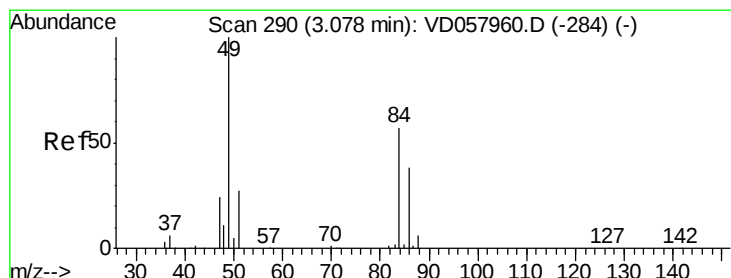
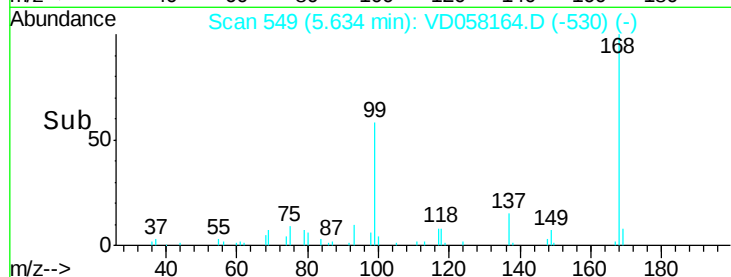
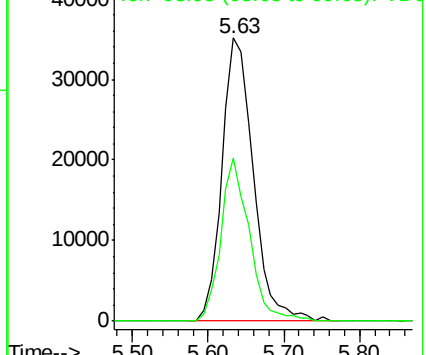
168 100

99 57.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 12.249 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.01 min

Lab File: VD058164.D

Acq: 15 Jun 2018 20:53

Tgt Ion: 84 Resp: 6289

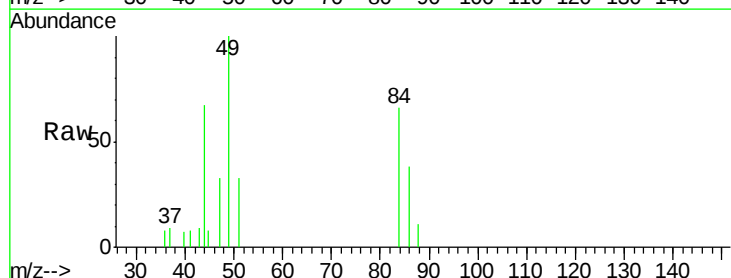
Ion Ratio Lower Upper

84 100

49 151.0 141.4 212.0

51 49.3 38.3 57.5

86 56.7 52.9 79.3

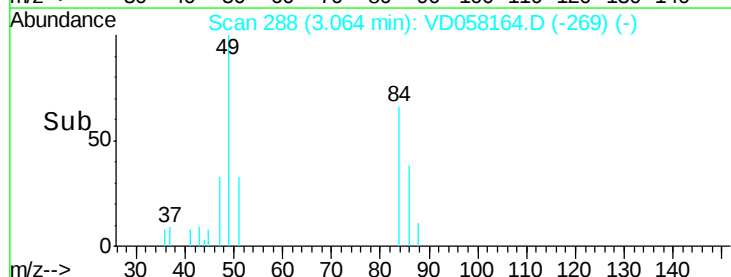
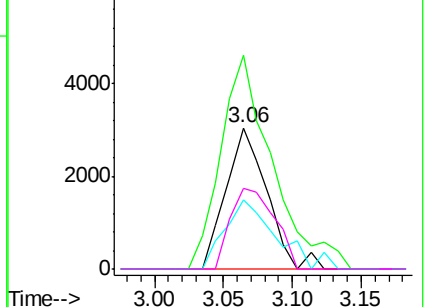


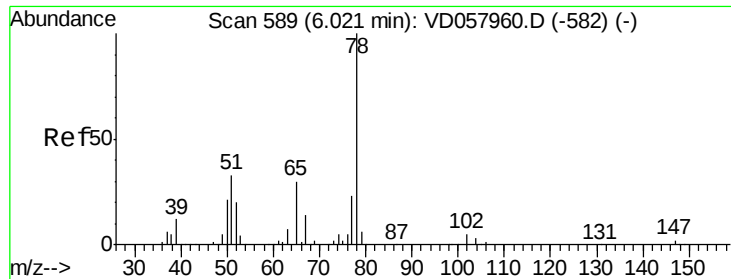
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.02 min Scan# 588

Delta R.T. -0.00 min

Lab File: VD058164.D

Acq: 15 Jun 2018 20:53

Instrument :

MSVOA_D

ClientSampleId :

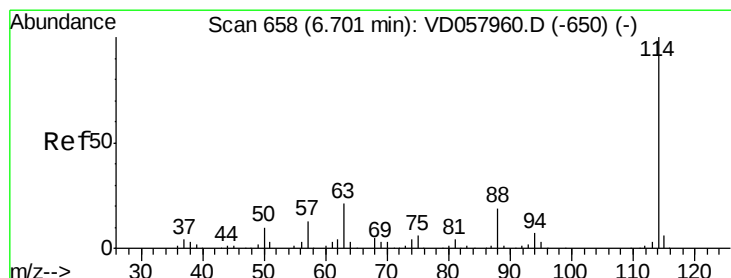
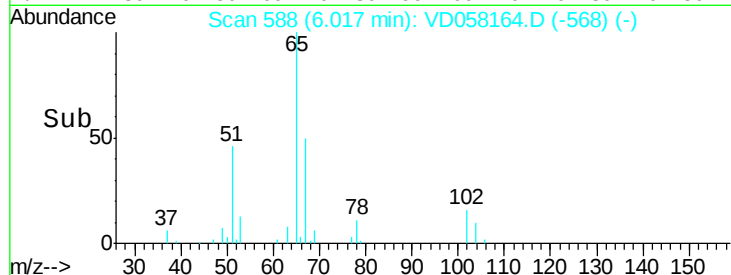
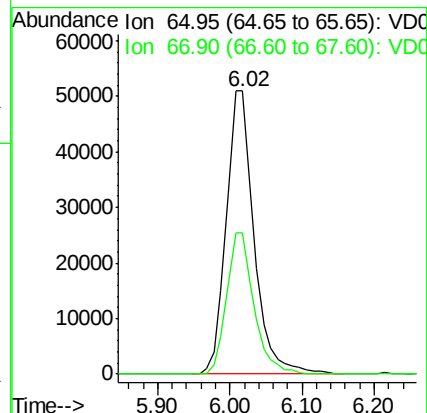
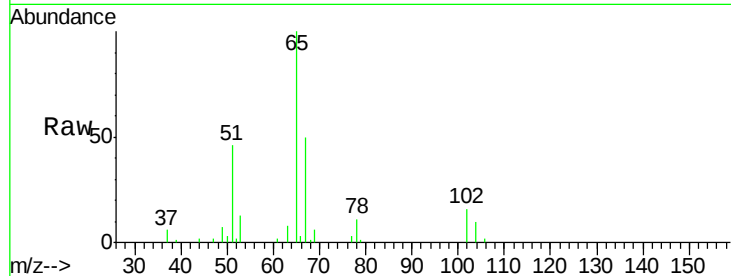
SB-56(0-5)

Tot Ion: 65 Resp: 136064

Ion Ratio Lower Upper

65 100

67 50.0 0.0 94.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD058164.D

Acq: 15 Jun 2018 20:53

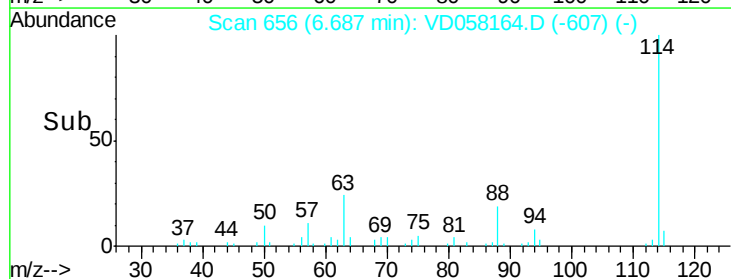
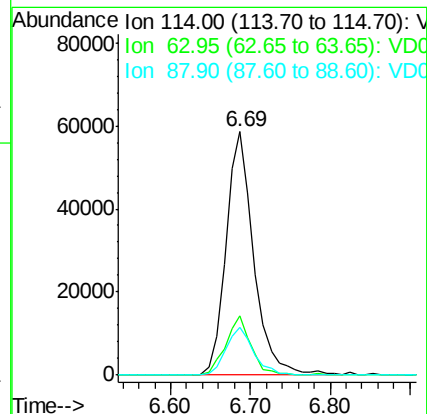
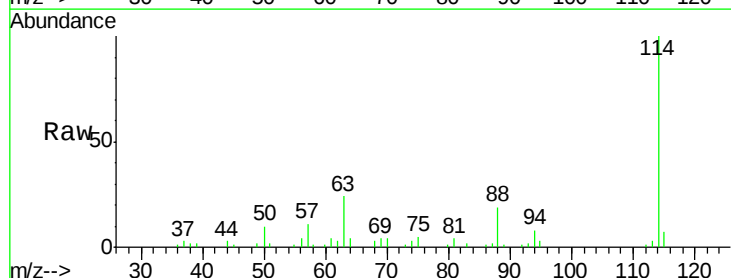
Tgt Ion: 114 Resp: 142402

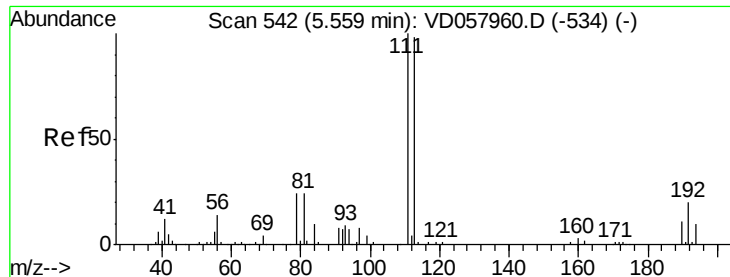
Ion Ratio Lower Upper

114 100

63 24.3 0.0 42.8

88 19.5 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 539

Delta R.T. -0.02 min

Lab File: VD058164.D

Acq: 15 Jun 2018 20:53

Instrument :

MSVOA_D

ClientSampleId :

SB-56(0-5)

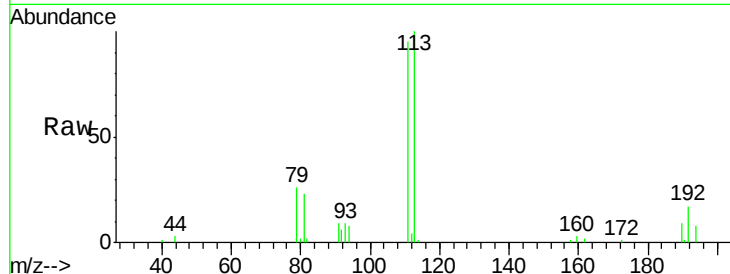
Tot Ion:113 Resp: 123536

Ion Ratio Lower Upper

113 100

111 95.4 81.5 122.3

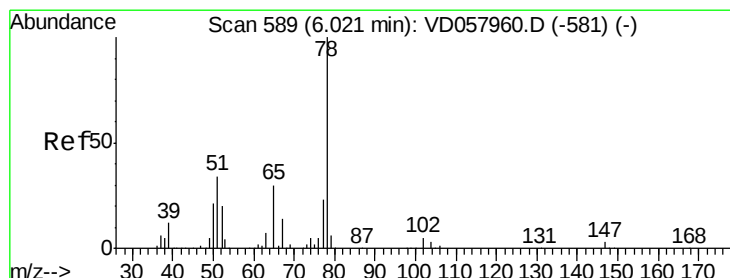
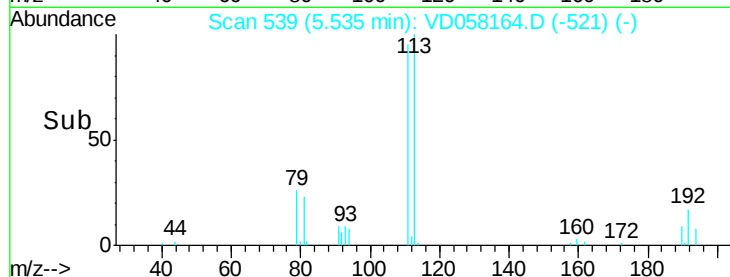
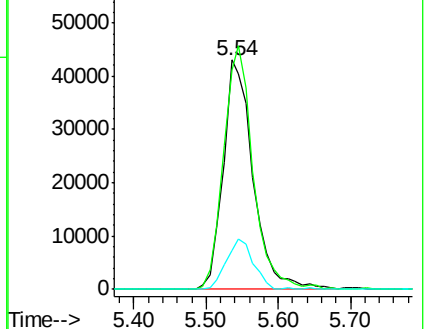
192 17.0 16.4 24.6



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



#40

Benzene

Concen: 4.642 ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.01 min

Lab File: VD058164.D

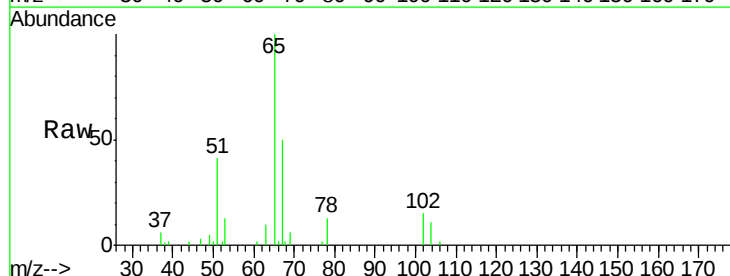
Acq: 15 Jun 2018 20:53

Tgt Ion: 78 Resp: 17014

Ion Ratio Lower Upper

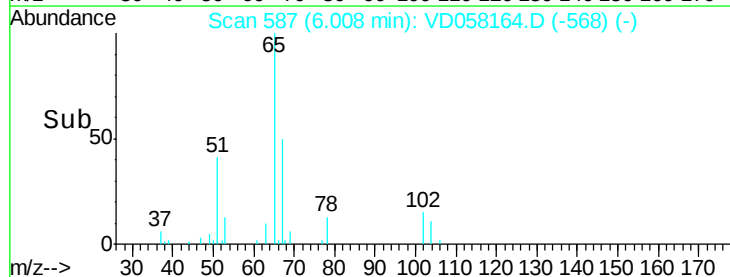
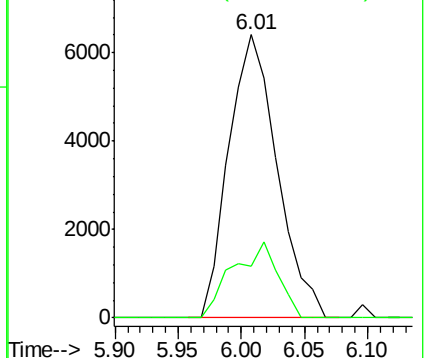
78 100

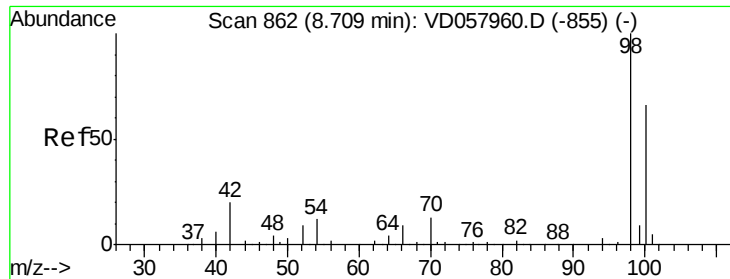
77 18.5 18.1 27.1



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

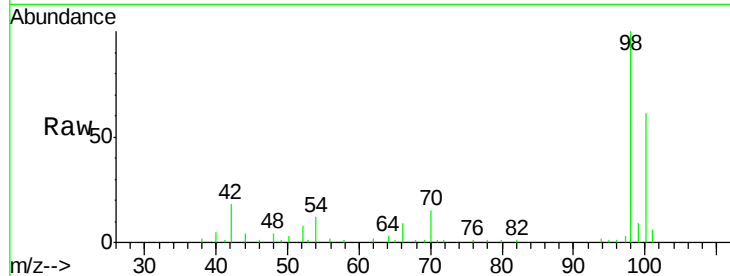




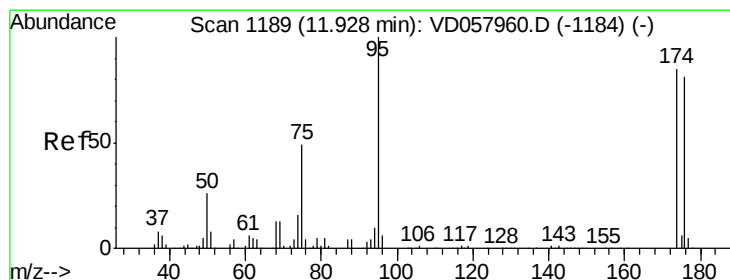
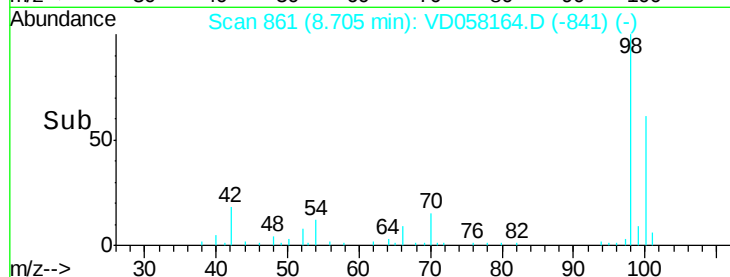
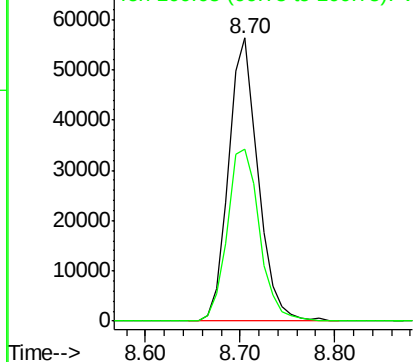
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD058164.D
Acq: 15 Jun 2018 20:53

Instrument :
MSVOA_D
ClientSampleId :
SB-56(0-5)

Tot Ion: 98 Resp: 121416
Ion Ratio Lower Upper
98 100
100 60.7 53.4 80.0

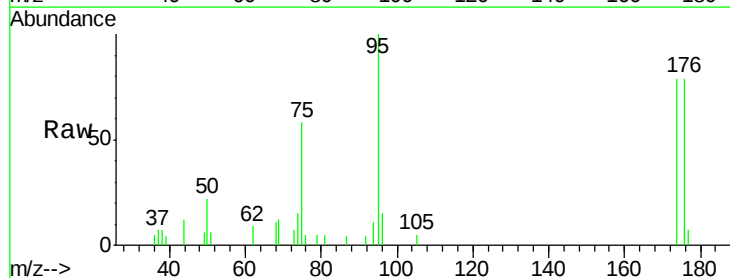


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

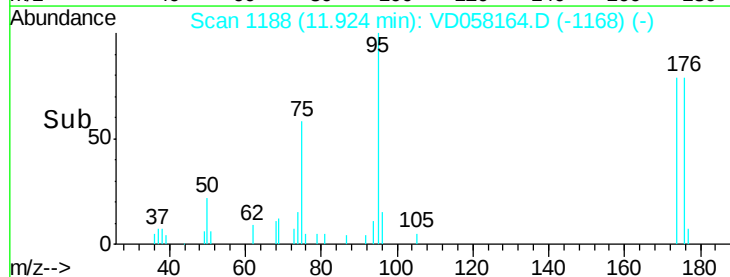
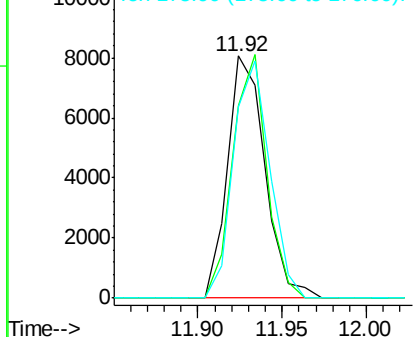


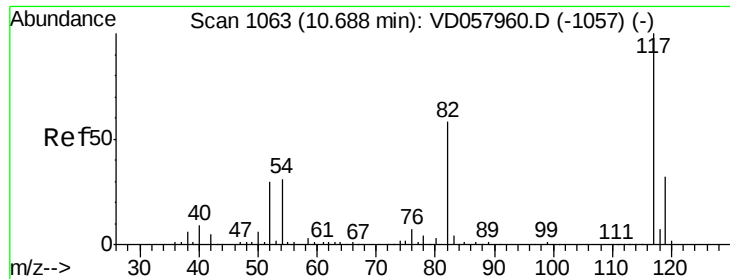
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD058164.D
Acq: 15 Jun 2018 20:53

Tgt Ion: 95 Resp: 12406
Ion Ratio Lower Upper
95 100
174 79.5 0.0 169.4
176 79.1 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

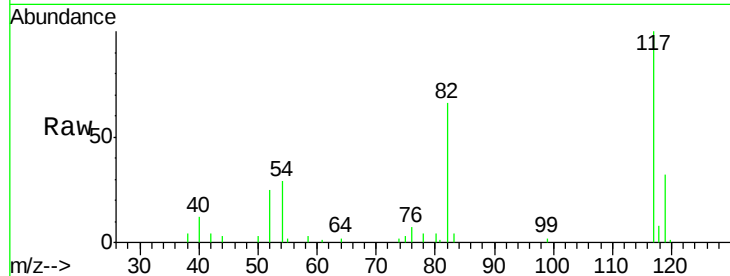




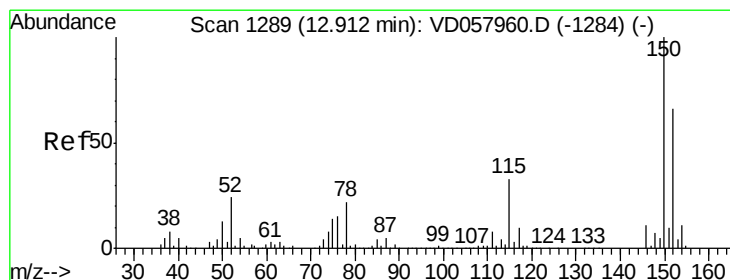
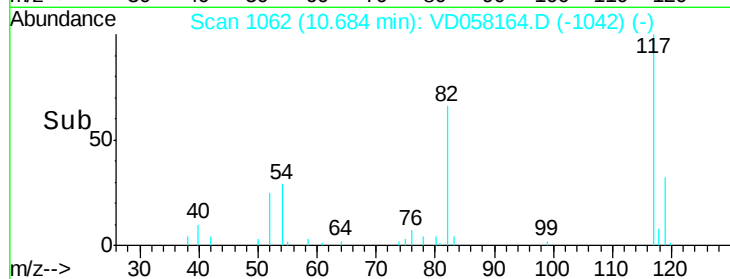
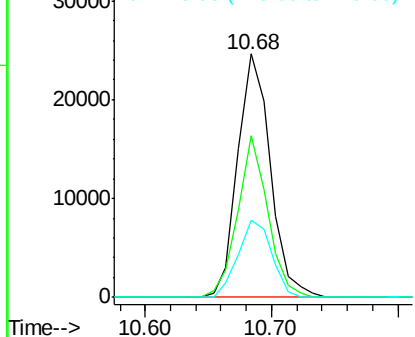
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD058164.D
Acq: 15 Jun 2018 20:53

Instrument :
MSVOA_D
ClientSampleId :
SB-56(0-5)

Tot Ion:117 Resp: 44076
Ion Ratio Lower Upper
117 100
82 66.3 46.8 70.2
119 31.6 25.8 38.6

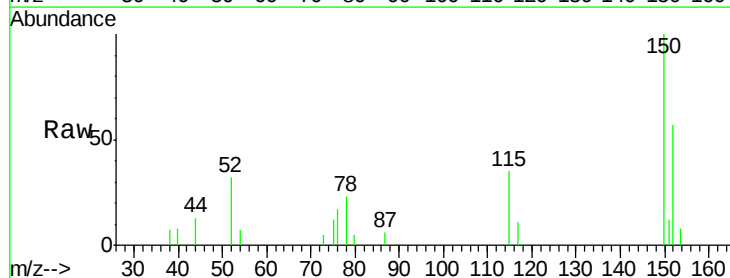


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058164.D
Acq: 15 Jun 2018 20:53

Tgt Ion:152 Resp: 4380
Ion Ratio Lower Upper
152 100
115 61.2 25.6 76.6
150 176.9 0.0 306.8



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

