

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122418\
 Data File : VW007863.D
 Acq On : 23 Dec 2018 00:05
 Operator : SY/AP
 Sample : J6511-05
 Misc : 2.91G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-61(0-5)-GRAB

Quant Time: Dec 25 05:50:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

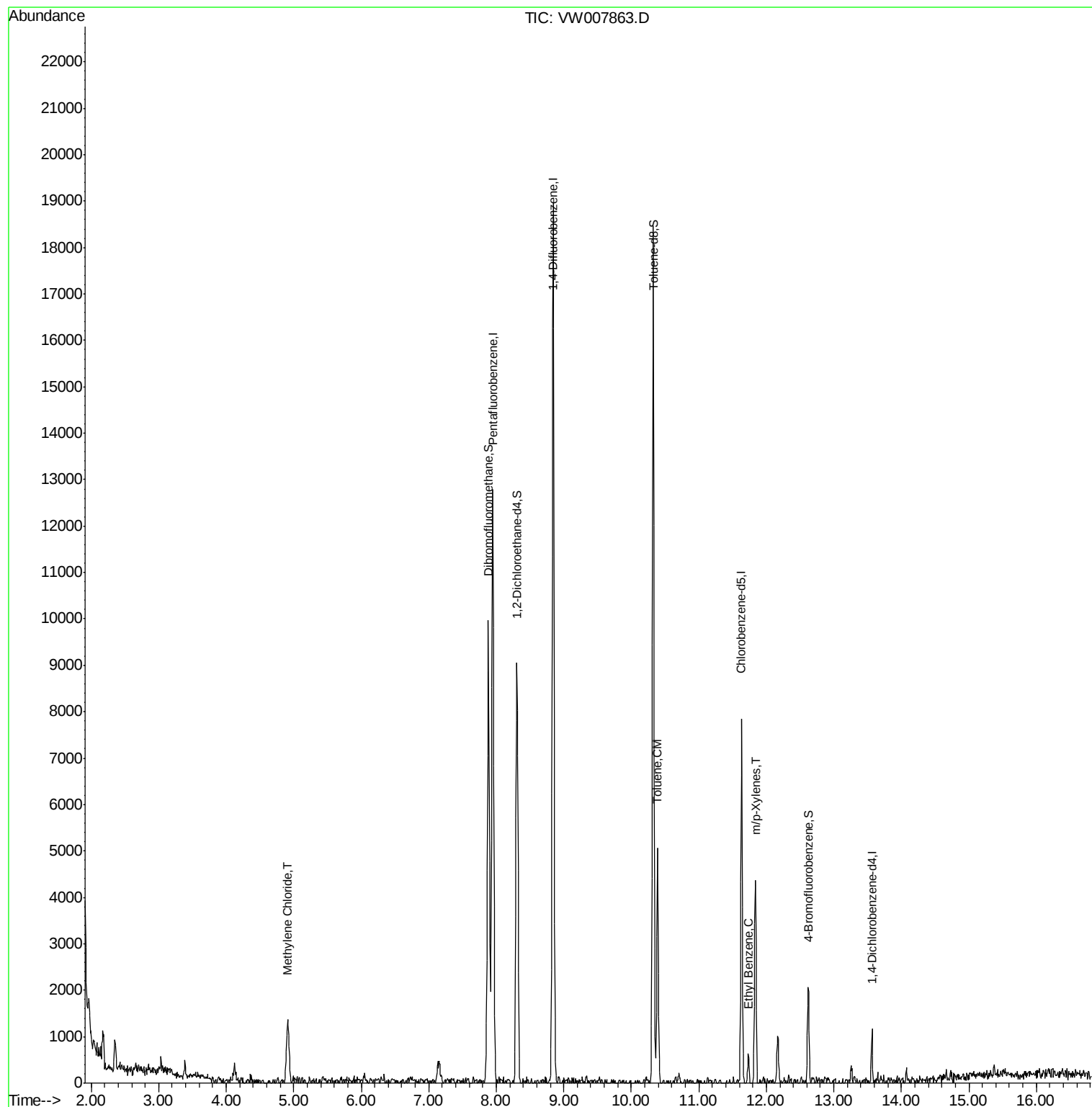
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	9746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	16297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	4625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	7577	70.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.86%	
35) Dibromofluoromethane	7.88	113	7248	72.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.80%	
50) Toluene-d8	10.33	98	12937	34.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.04%	
62) 4-Bromofluorobenzene	12.62	95	858	5.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.86%	
Target Compounds						
20) Methylene Chloride	4.91	84	1024	4.498	ug/l #	90
52) Toluene	10.39	92	2450	8.700	ug/l	95
67) Ethyl Benzene	11.73	91	628	3.656	ug/l #	85
68) m/p-Xylenes	11.84	106	1409	21.145	ug/l	97

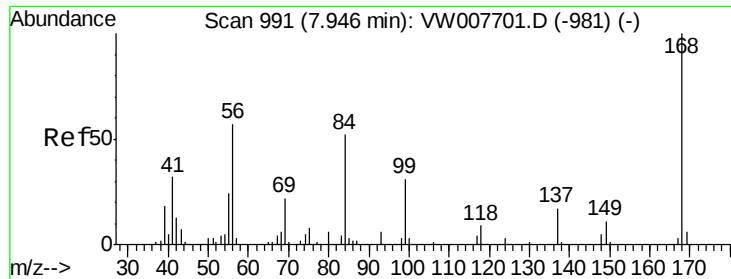
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007863.D

Acq: 23 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

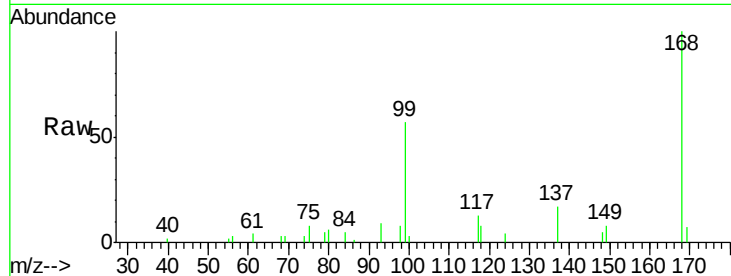
SB-61(0-5)-GRAB

Tot Ion:168 Resp: 9746

Ion Ratio Lower Upper

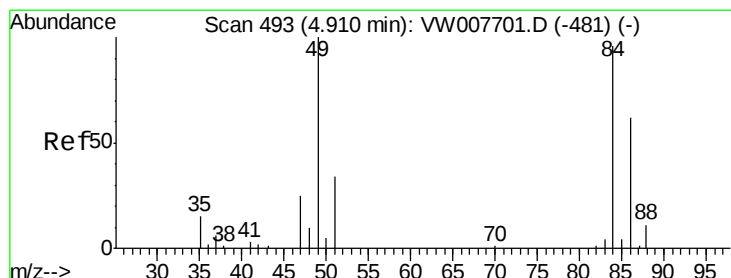
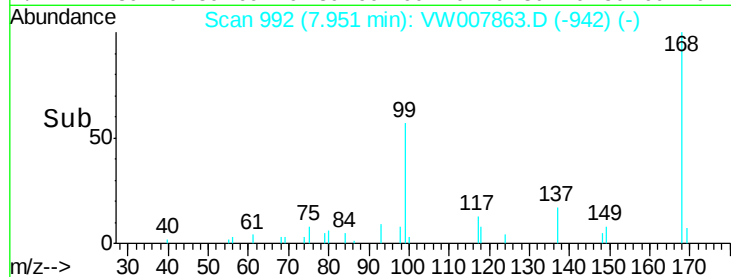
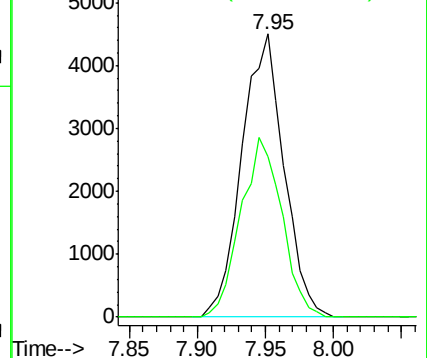
168 100

99 56.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.498 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007863.D

Acq: 23 Dec 2018 00:05

Tgt Ion: 84 Resp: 1024

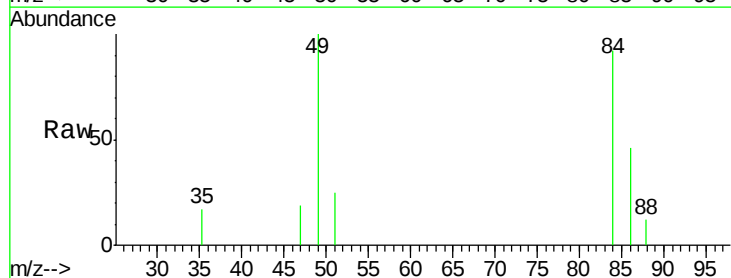
Ion Ratio Lower Upper

84 100

49 108.4 83.7 125.5

51 27.4 28.2 42.2#

86 50.1 52.2 78.2#

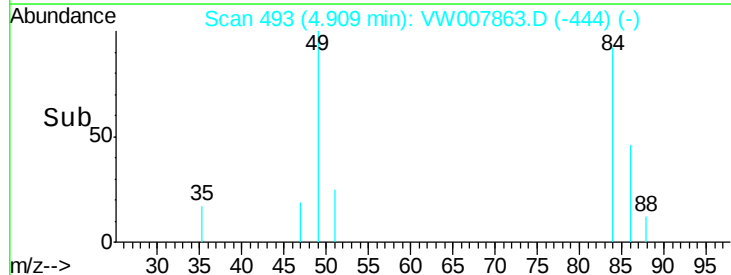
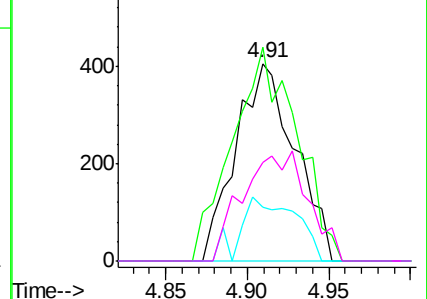


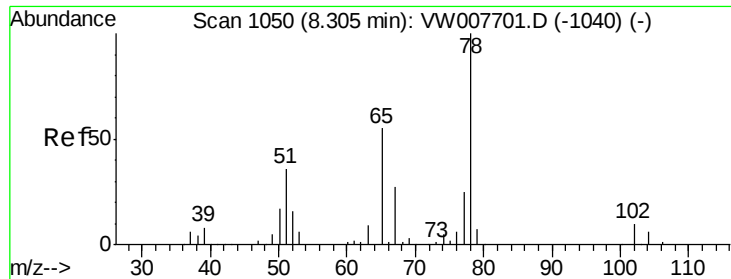
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

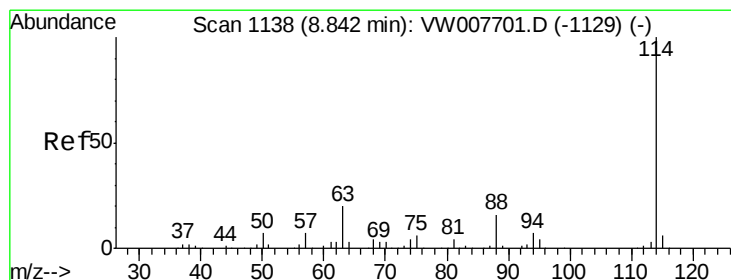
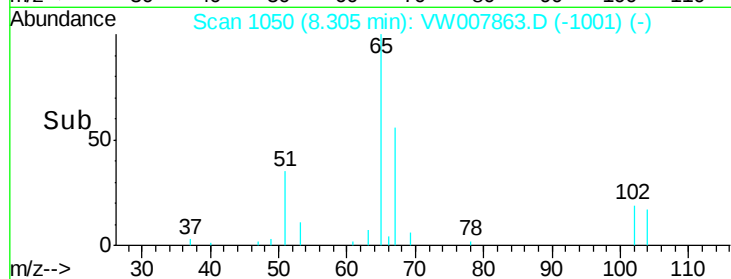
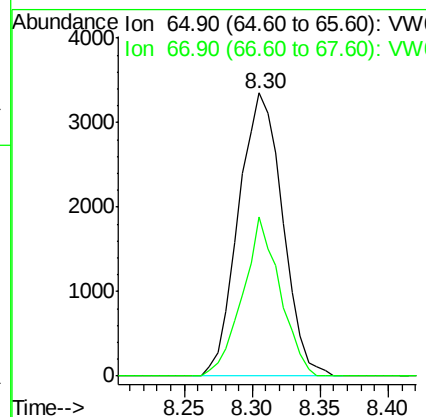
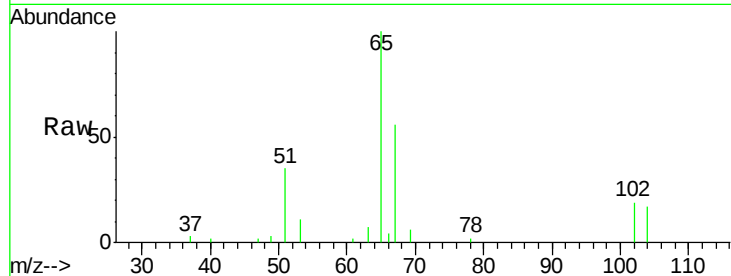




#33
 1,2-Dichloroethane-d4
 Concen: 70.932 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007863.D
 Acq: 23 Dec 2018 00:05

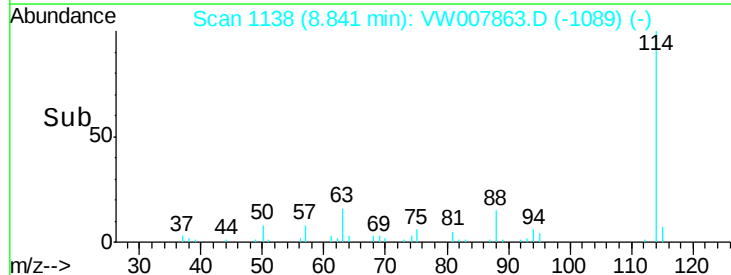
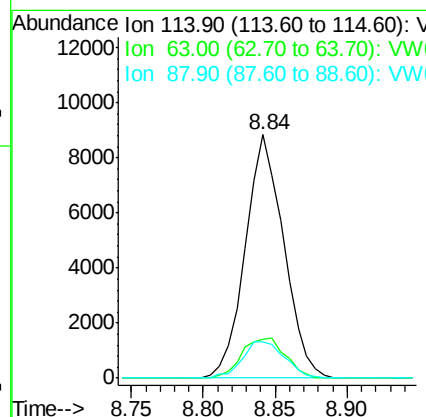
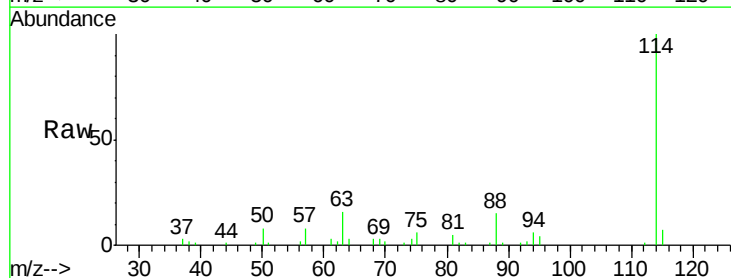
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-61(0-5)-GRAB

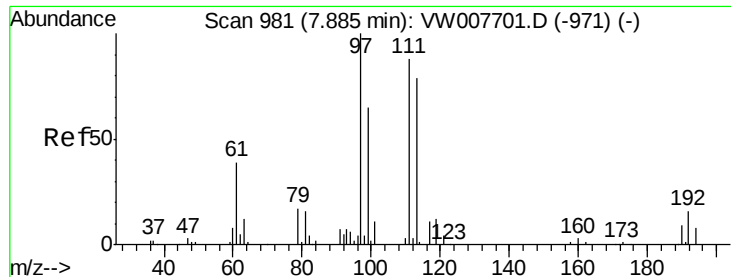
Tot Ion: 65 Resp: 7577
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007863.D
 Acq: 23 Dec 2018 00:05

Tgt Ion: 114 Resp: 16297
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 40.0
 88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 72.903 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007863.D

Acq: 23 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

SB-61(0-5)-GRAB

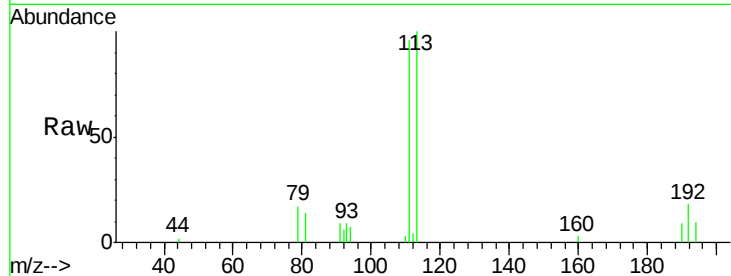
Tot Ion:113 Resp: 7248

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

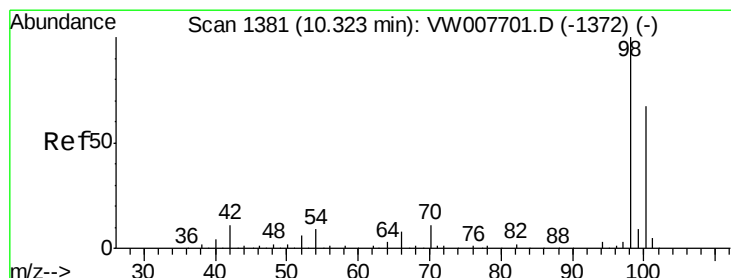
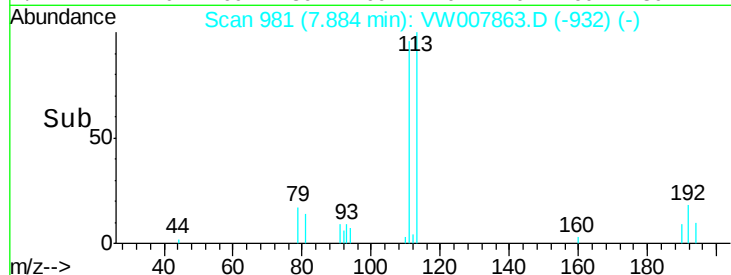
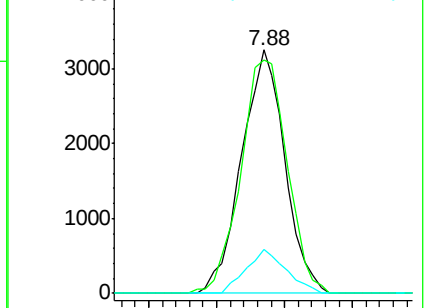
192 16.6 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 34.517 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007863.D

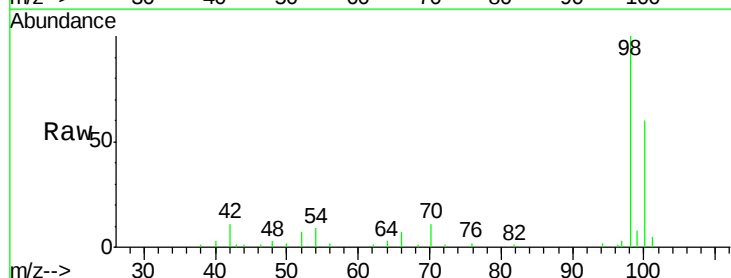
Acq: 23 Dec 2018 00:05

Tgt Ion: 98 Resp: 12937

Ion Ratio Lower Upper

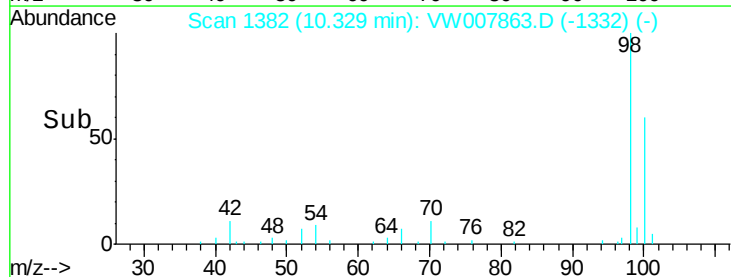
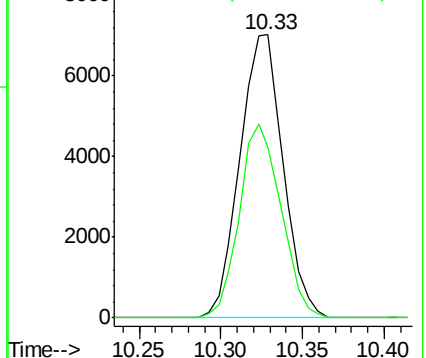
98 100

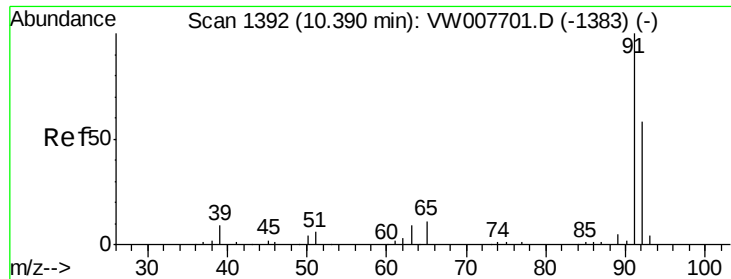
100 66.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 8.700 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007863.D

Acq: 23 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

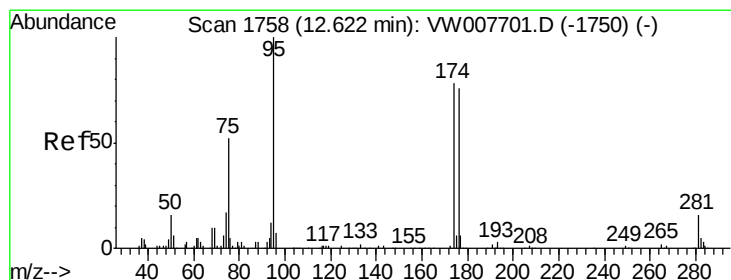
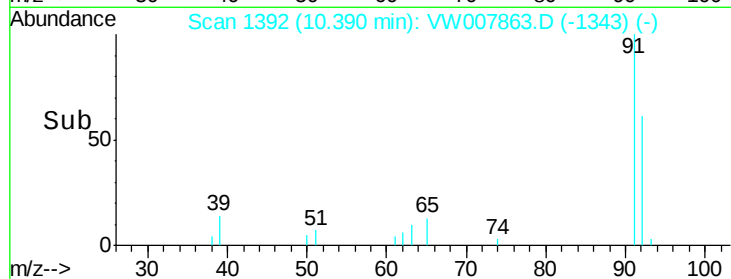
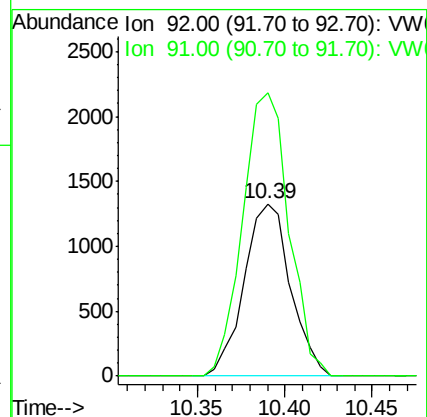
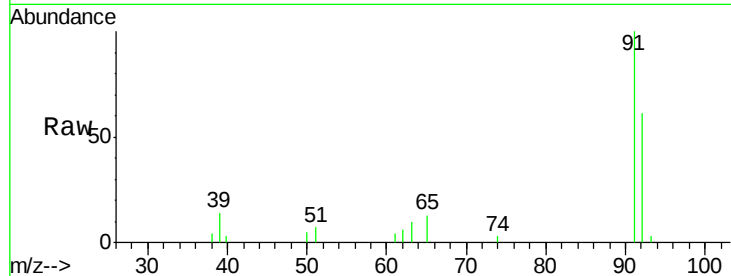
SB-61(0-5)-GRAB

Tot Ion: 92 Resp: 2450

Ion Ratio Lower Upper

92 100

91 164.0 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 5.926 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW007863.D

Acq: 23 Dec 2018 00:05

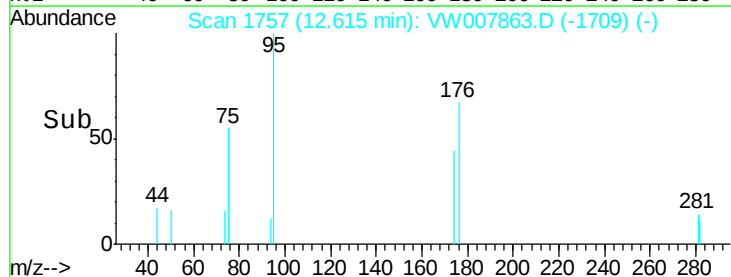
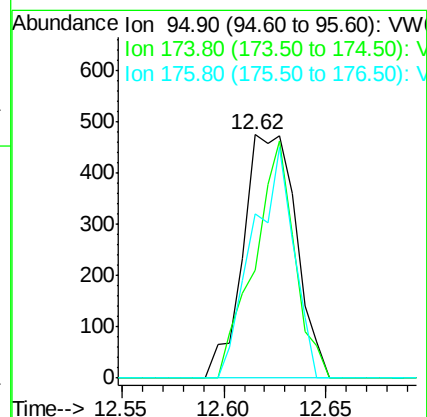
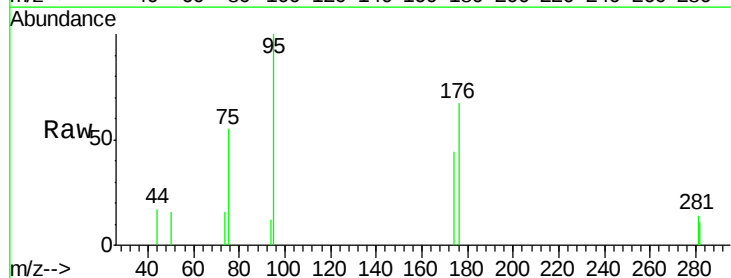
Tgt Ion: 95 Resp: 858

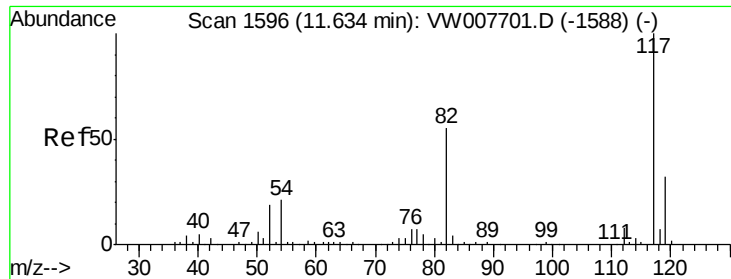
Ion Ratio Lower Upper

95 100

174 74.2 0.0 152.2

176 73.2 0.0 146.8

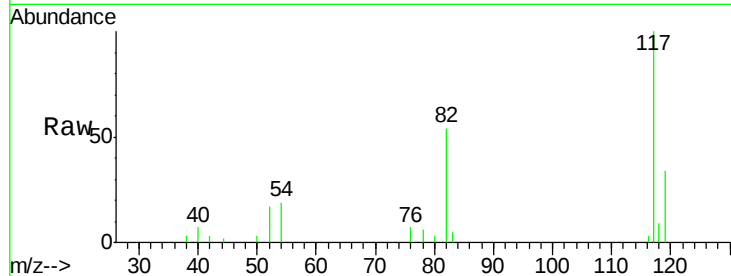




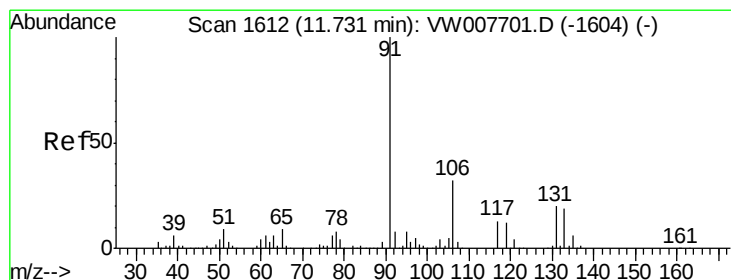
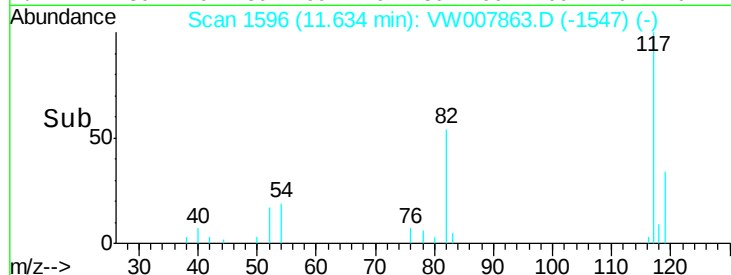
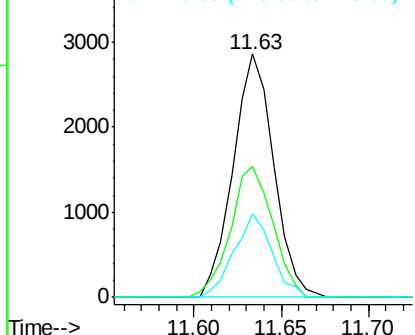
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007863.D
Acq: 23 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
SB-61(0-5)-GRAB

Tot Ion:117 Resp: 4625
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 34.4 25.7 38.5

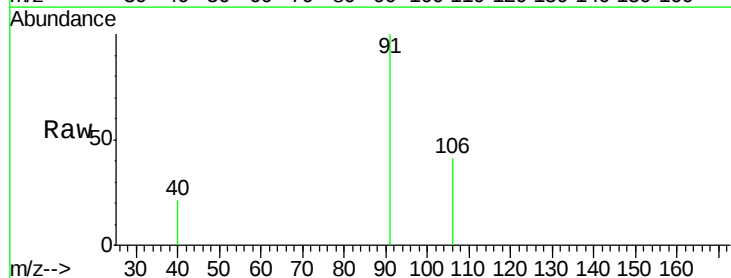


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

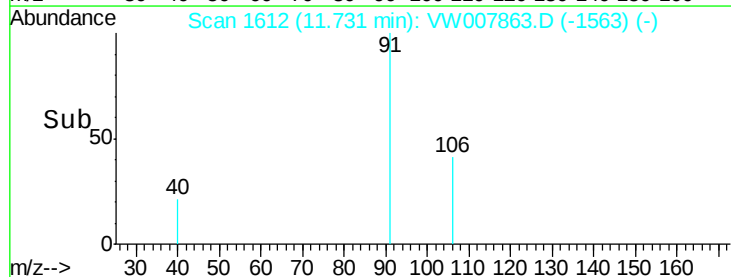
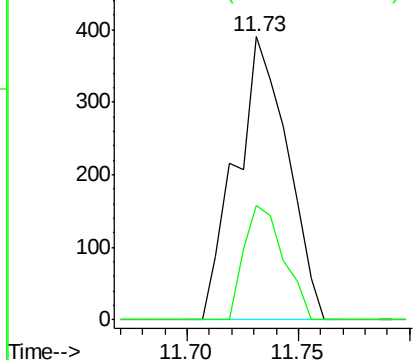


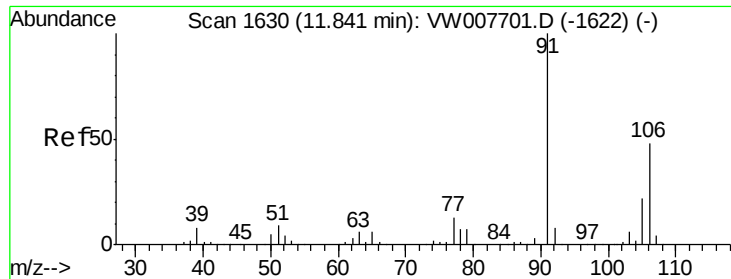
#67
Ethyl Benzene
Concen: 3.656 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007863.D
Acq: 23 Dec 2018 00:05

Tgt Ion: 91 Resp: 628
Ion Ratio Lower Upper
91 100
106 40.5 25.8 38.8#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

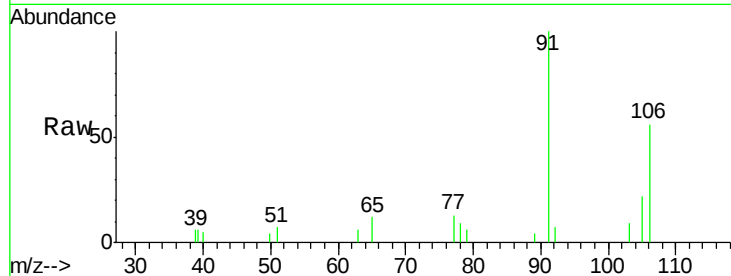




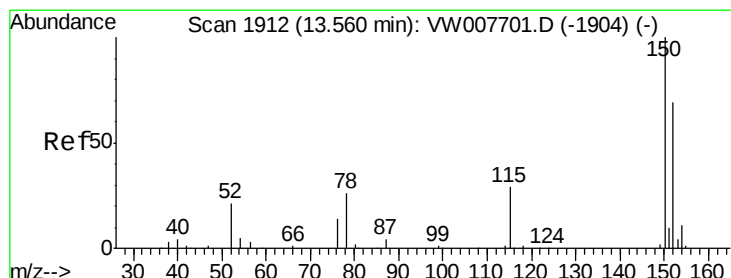
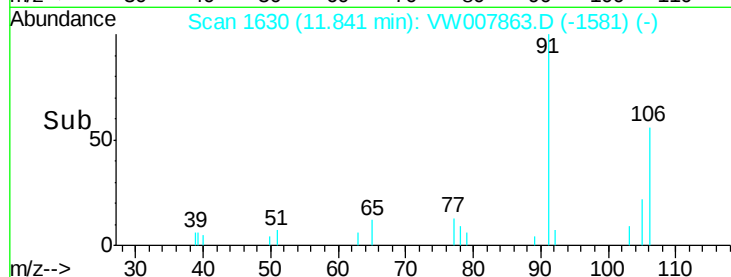
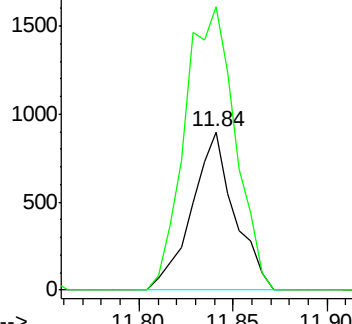
#68
m/p-Xvlenes
Concen: 21.145 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007863.D
Acq: 23 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
SB-61(0-5)-GRAB

Tot Ion:106 Resp: 1409
Ion Ratio Lower Upper
106 100
91 211.7 165.2 247.8

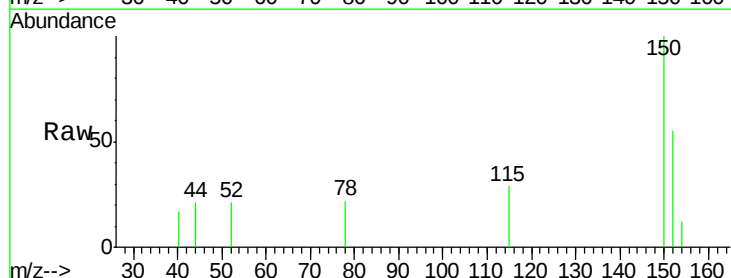


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007863.D
Acq: 23 Dec 2018 00:05

Tgt Ion:152 Resp: 305
Ion Ratio Lower Upper
152 100
115 61.6 31.8 95.4
150 188.5 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

