

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007867.D
 Acq On : 23 Dec 2018 01:49
 Operator : SY/AP
 Sample : J6511-09
 Misc : 5.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-65(0-5)-GRAB

Quant Time: Dec 24 04:05:16 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

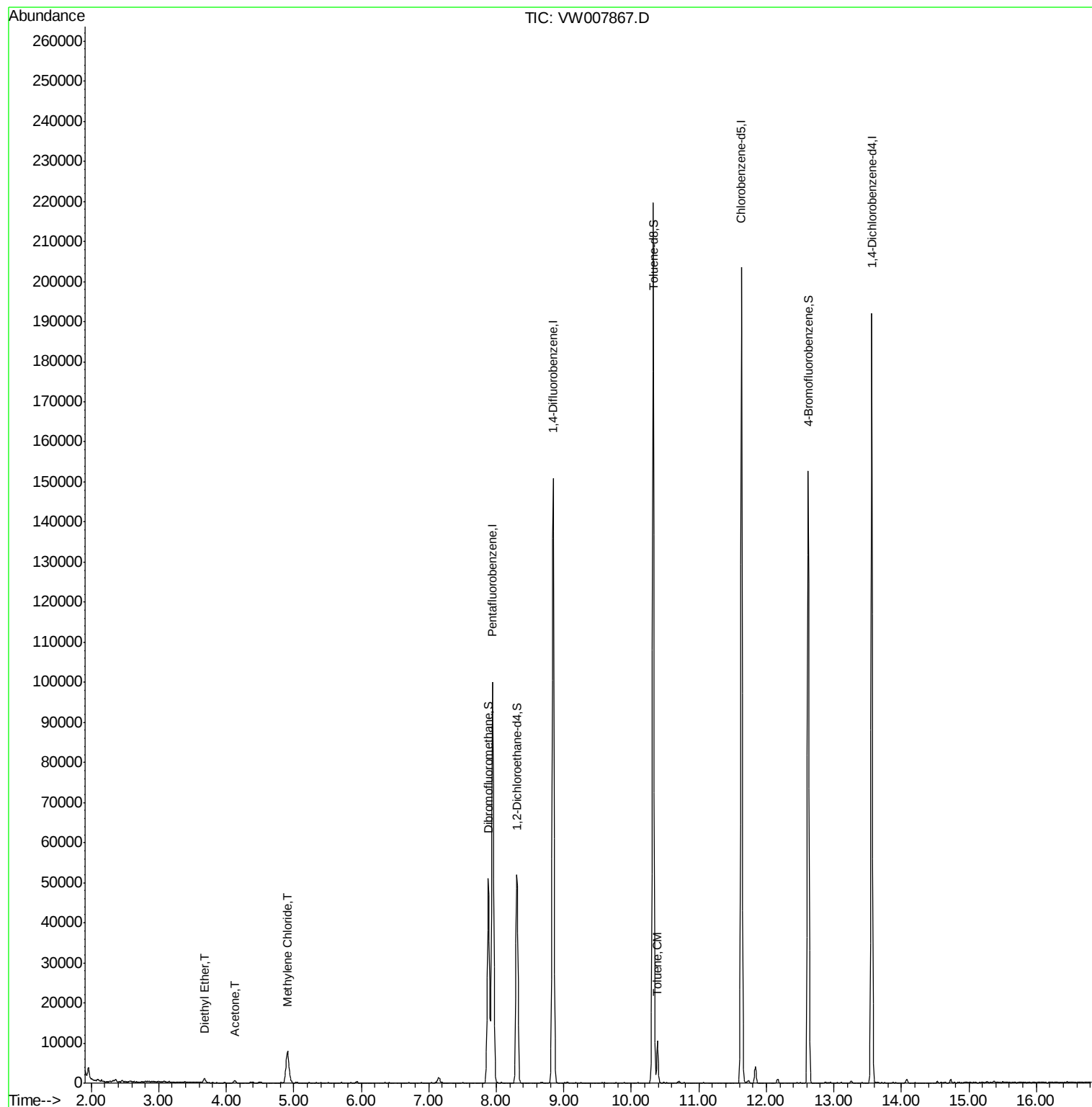
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	116051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43228	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	7.88	113	37230	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	10.32	98	143654	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.62	95	53166	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
8) Diethyl Ether	3.67	74	649	1.972	ug/l	96
16) Acetone	4.12	43	980	6.430	ug/l	93
20) Methylene Chloride	4.91	84	6807	3.003	ug/l	92
52) Toluene	10.38	92	4574	2.013	ug/l	99

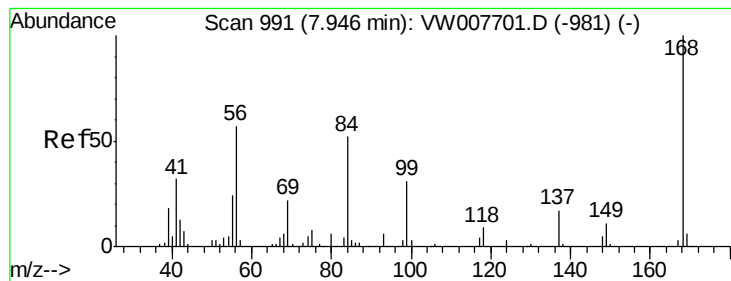
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007867.D

Acq: 23 Dec 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

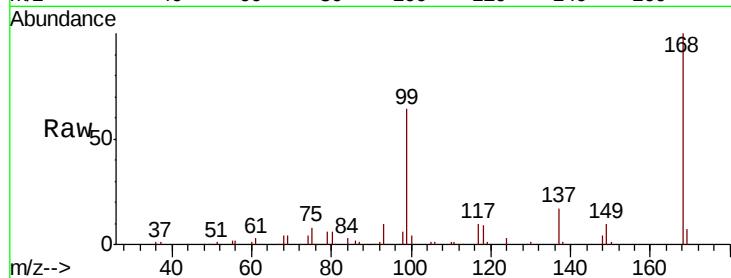
SB-65(0-5)-GRAB

Tgt Ion:168 Resp: 74261

Ion Ratio Lower Upper

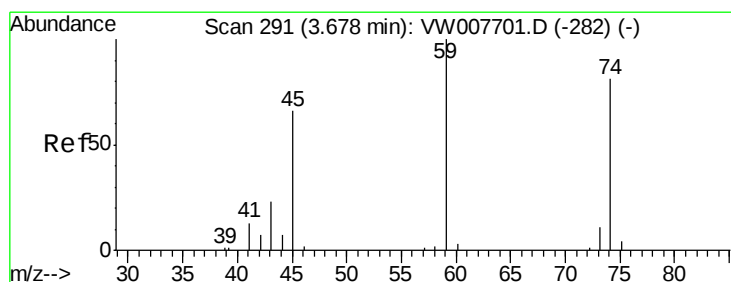
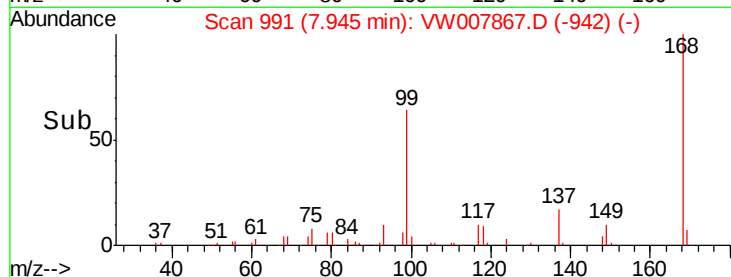
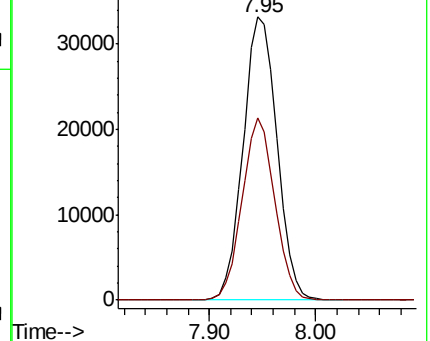
168 100

99 64.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.972 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW007867.D

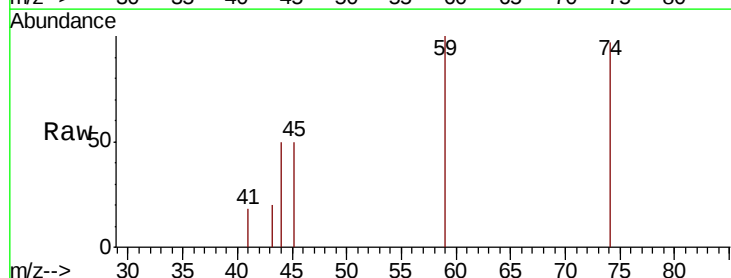
Acq: 23 Dec 2018 01:49

Tgt Ion: 74 Resp: 649

Ion Ratio Lower Upper

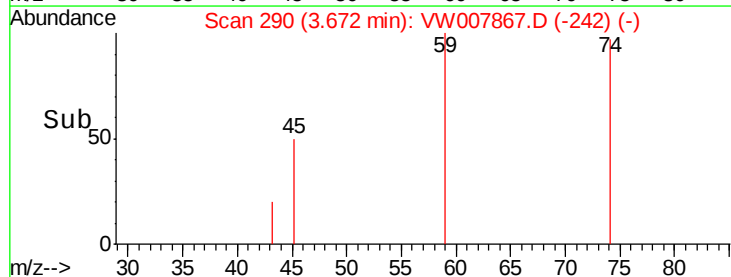
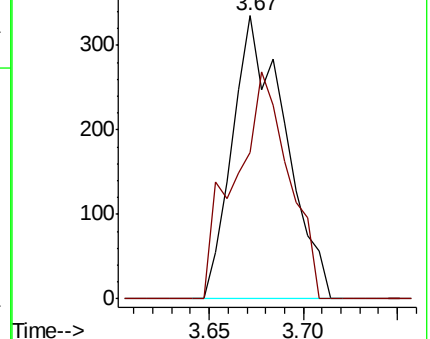
74 100

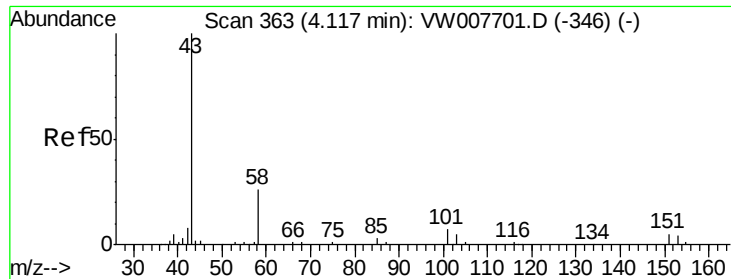
45 82.0 39.4 118.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

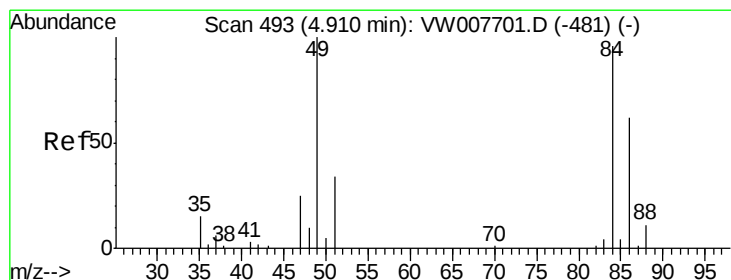
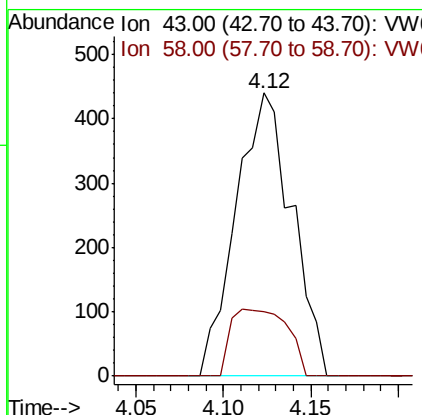
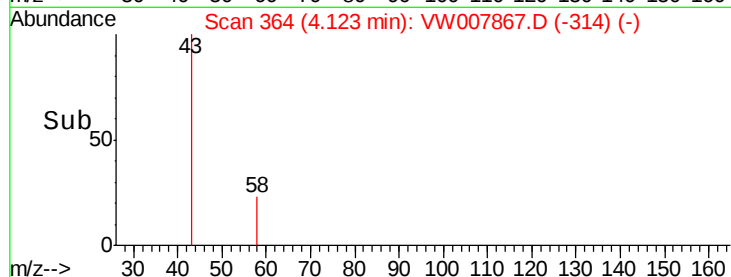
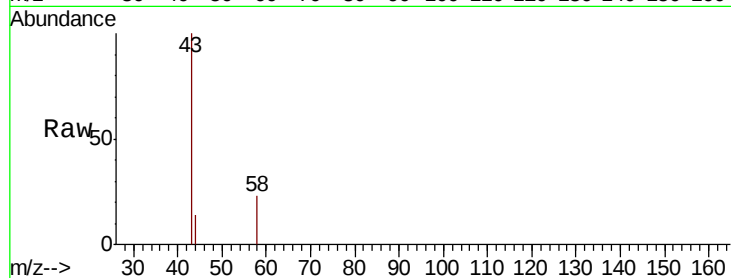




#16
Acetone
Concen: 6.430 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007867.D
Acq: 23 Dec 2018 01:49

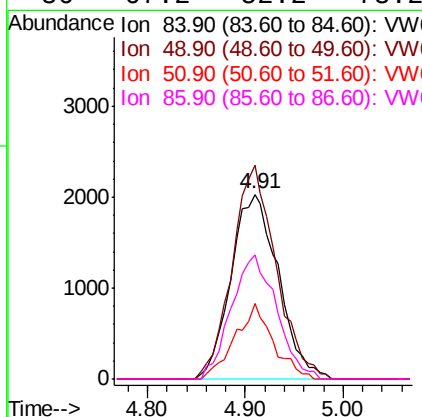
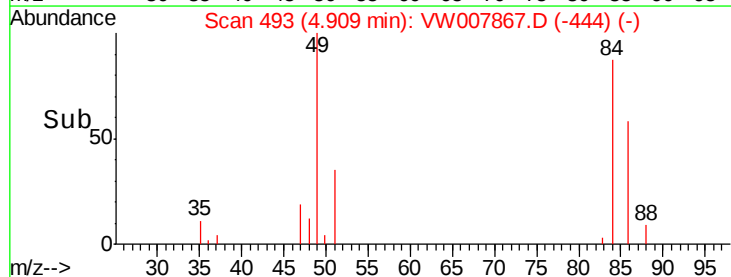
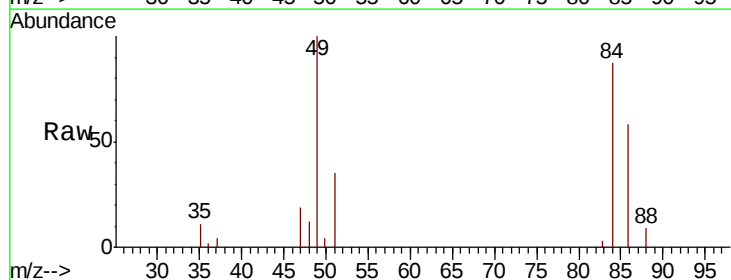
Instrument :
MSVOA_W
ClientSampleId :
SB-65(0-5)-GRAB

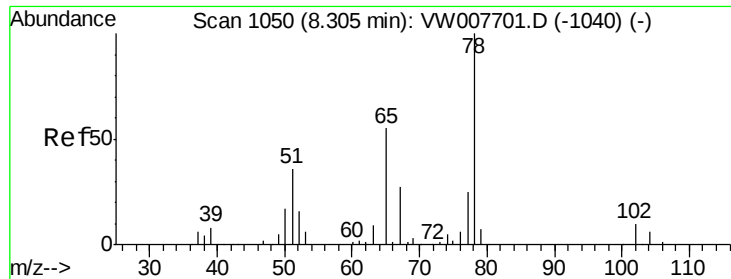
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 23.0 21.2 31.8



#20
Methylene Chloride
Concen: 3.003 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007867.D
Acq: 23 Dec 2018 01:49

Tgt Ion: 84 Resp: 6807
Ion Ratio Lower Upper
84 100
49 115.5 83.7 125.5
51 40.7 28.2 42.2
86 67.2 52.2 78.2

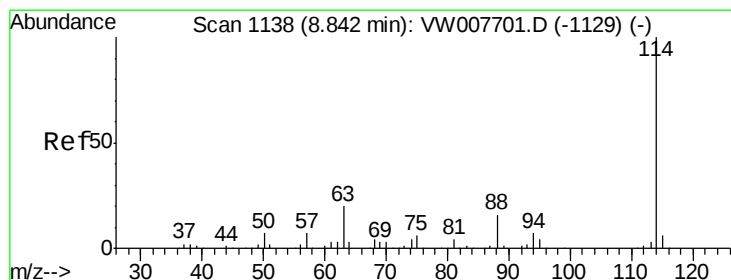
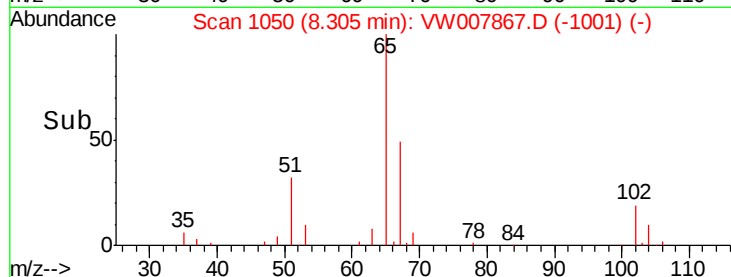
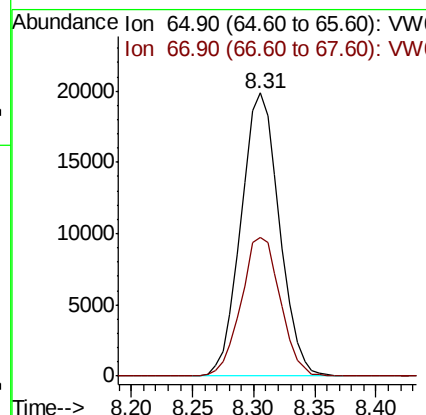
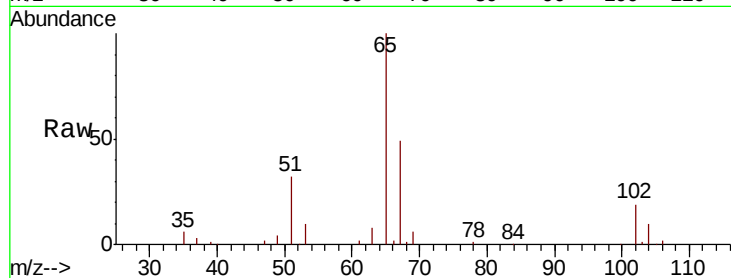




#33
 1,2-Dichloroethane-d4
 Concen: 53.110 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007867.D
 Acq: 23 Dec 2018 01:49

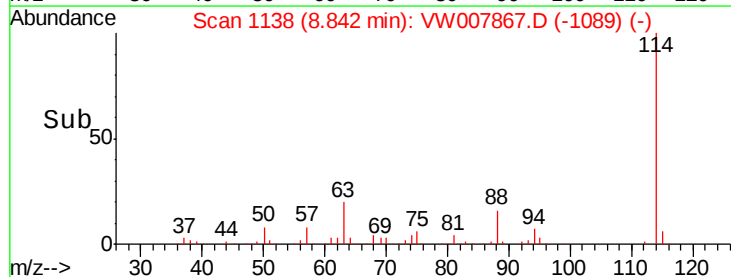
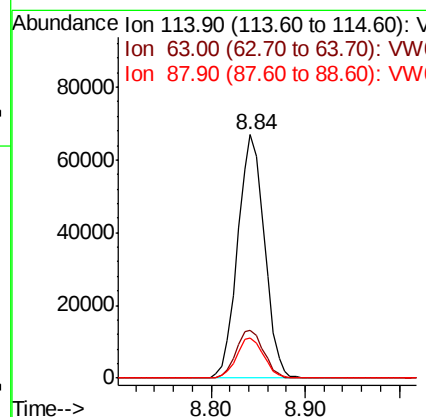
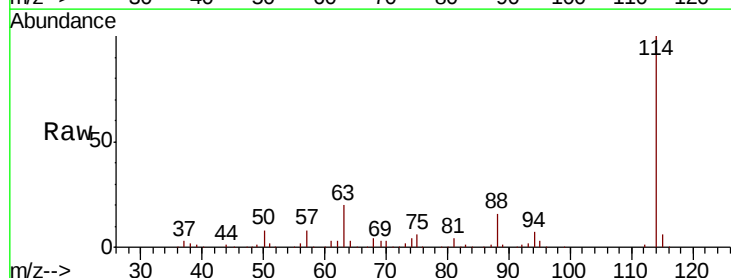
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-65(0-5)-GRAB

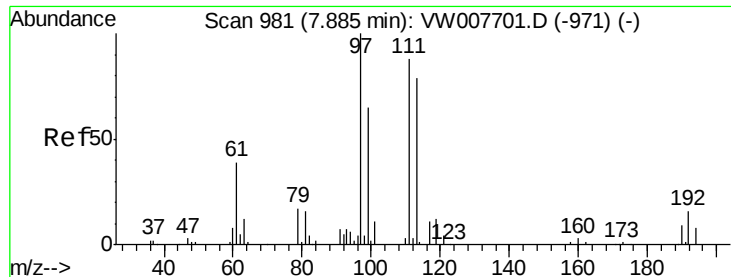
Tgt Ion: 65 Resp: 43228
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007867.D
 Acq: 23 Dec 2018 01:49

Tgt Ion: 114 Resp: 131491
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 16.3 0.0 32.6

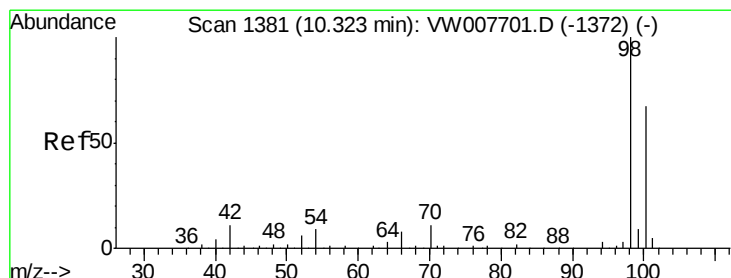
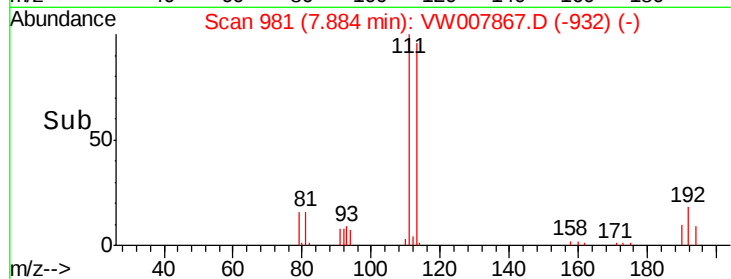
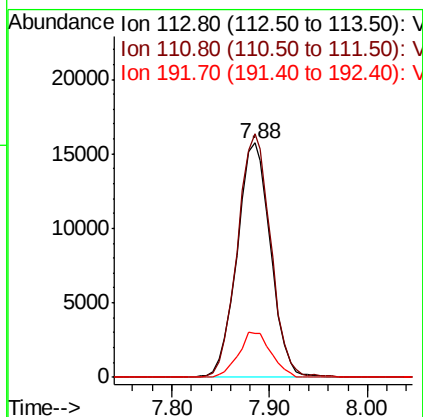
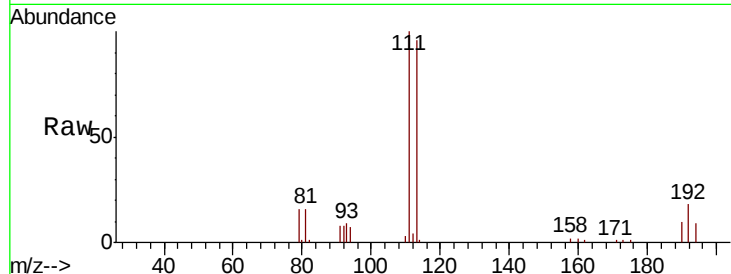




#35
 Dibromofluoromethane
 Concen: 46.412 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007867.D
 Acq: 23 Dec 2018 01:49

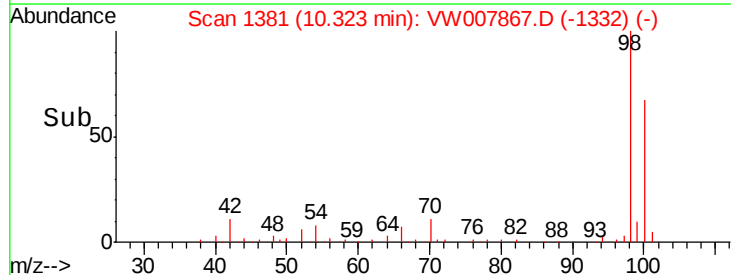
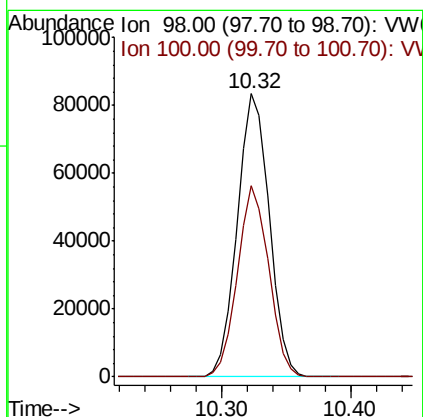
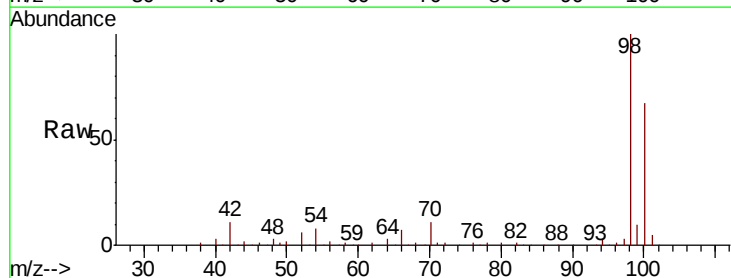
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-65(0-5)-GRAB

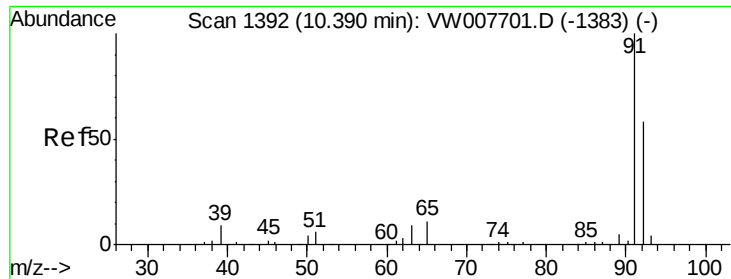
Tgt Ion: 113 Resp: 37230
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 124.0
 192 18.9 15.5 23.3



#50
 Toluene-d8
 Concen: 47.504 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007867.D
 Acq: 23 Dec 2018 01:49

Tgt Ion: 98 Resp: 143654
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.2 78.2





#52

Toluene

Concen: 2.013 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007867.D

Acq: 23 Dec 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

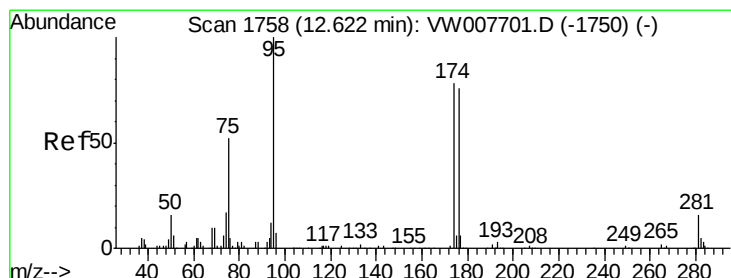
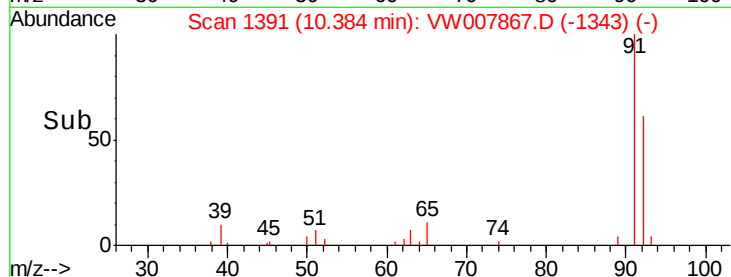
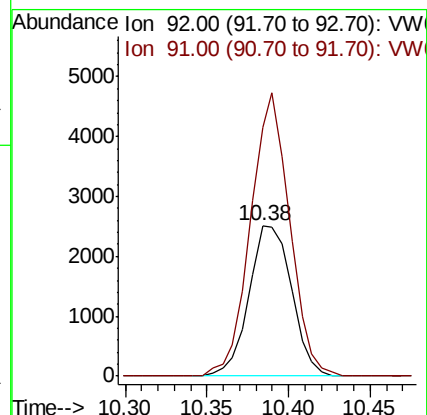
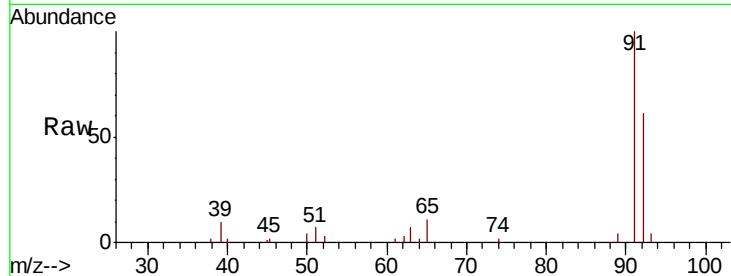
SB-65(0-5)-GRAB

Tgt Ion: 92 Resp: 4574

Ion Ratio Lower Upper

92 100

91 172.6 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 45.509 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007867.D

Acq: 23 Dec 2018 01:49

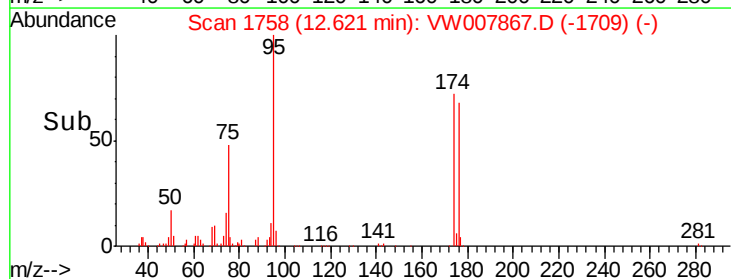
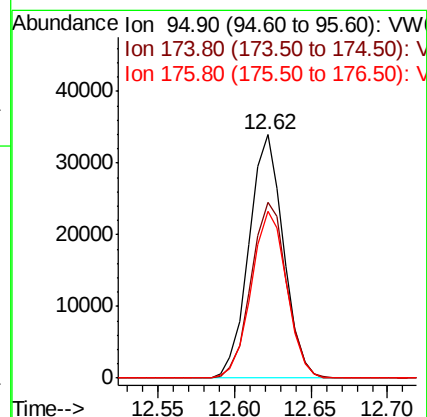
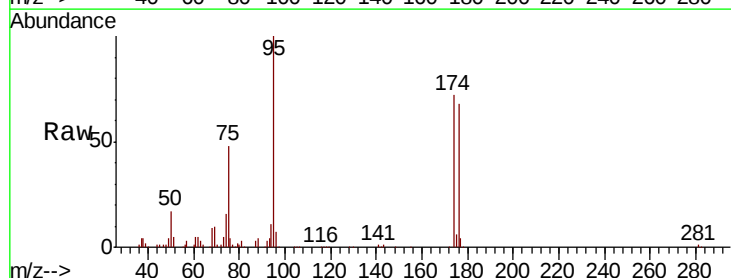
Tgt Ion: 95 Resp: 53166

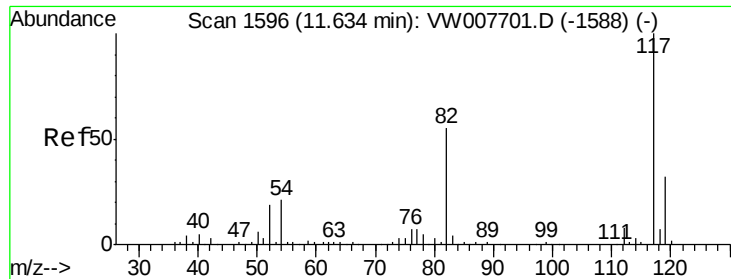
Ion Ratio Lower Upper

95 100

174 74.7 0.0 152.2

176 70.5 0.0 146.8

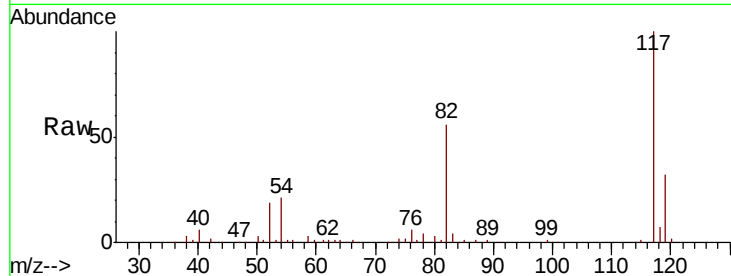




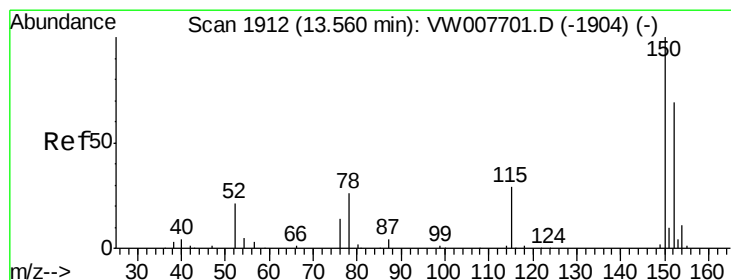
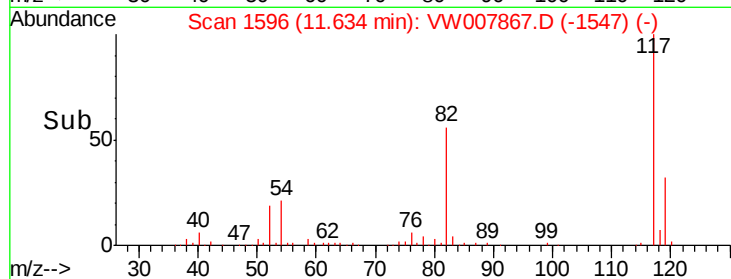
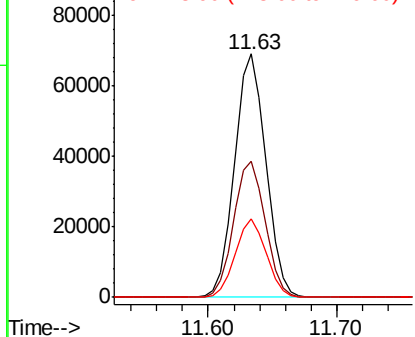
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007867.D
Acq: 23 Dec 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
SB-65(0-5)-GRAB

Tgt Ion:117 Resp: 116051
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.2 25.7 38.5

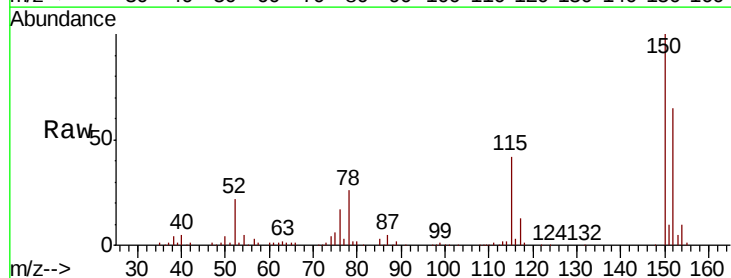


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007867.D
Acq: 23 Dec 2018 01:49

Tgt Ion:152 Resp: 51824
Ion Ratio Lower Upper
152 100
115 63.1 31.8 95.4
150 154.6 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

