

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006504.D
 Acq On : 30 Oct 2018 16:18
 Operator : SY/AP
 Sample : J5691-09RE
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5RE

Quant Time: Oct 30 18:11:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

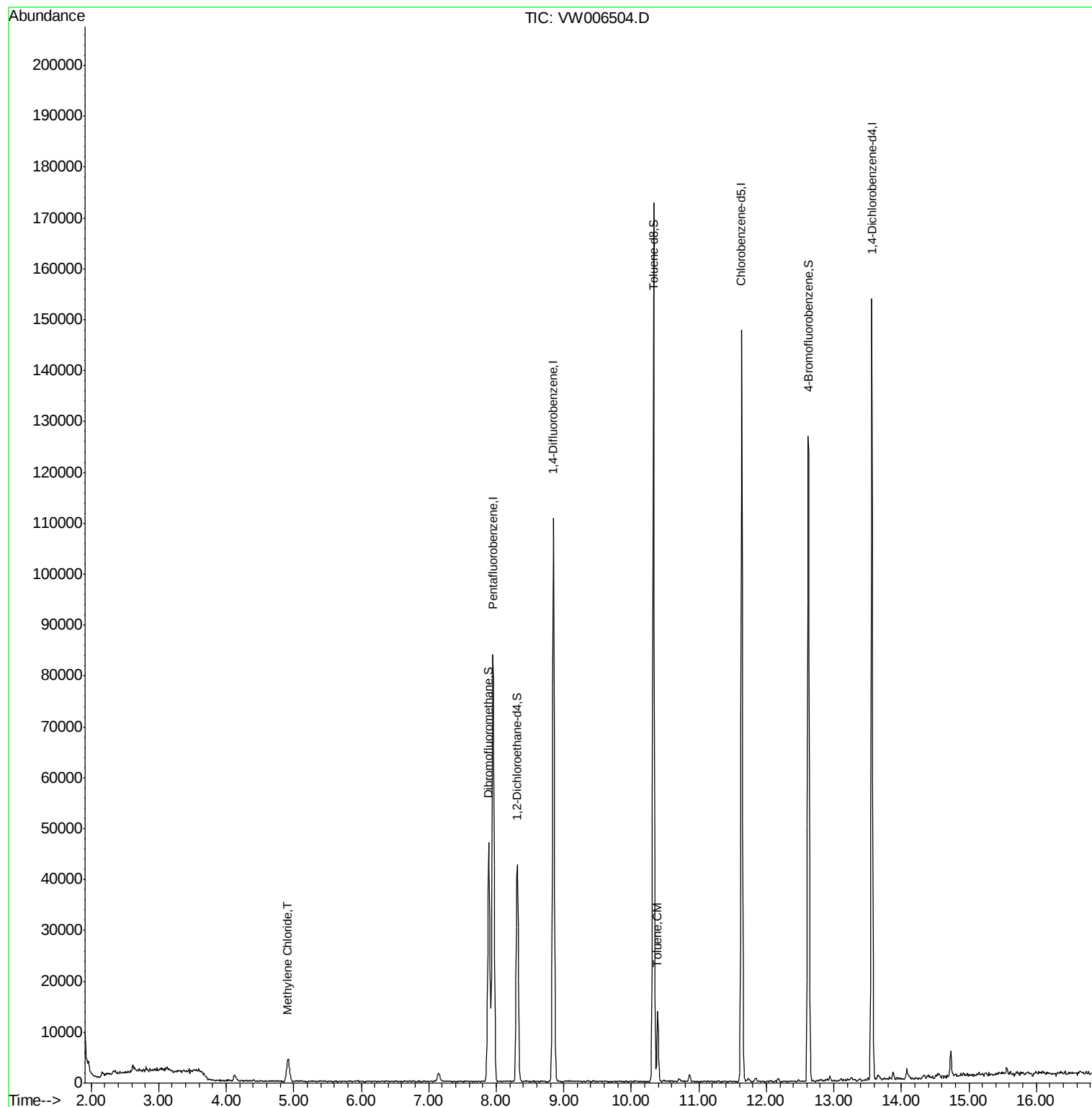
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	99469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	88441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34964	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
35) Dibromofluoromethane	7.89	113	33100	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
50) Toluene-d8	10.33	98	117838	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.62	95	40147	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
Target Compounds						
20) Methylene Chloride	4.91	84	3658	4.475	ug/l #	84
52) Toluene	10.40	92	5886	3.491	ug/l	100

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

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Quant Time: Oct 30 18:11:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

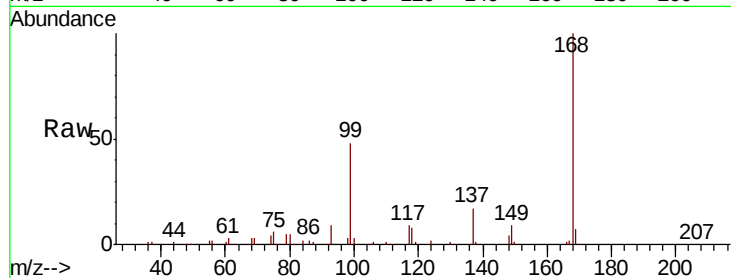
SB-5RE

Tot Ion:168 Resp: 70002

Ion Ratio Lower Upper

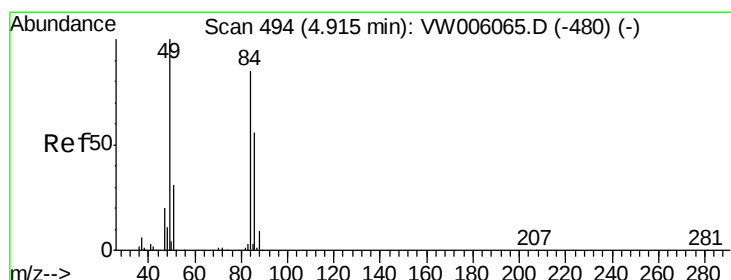
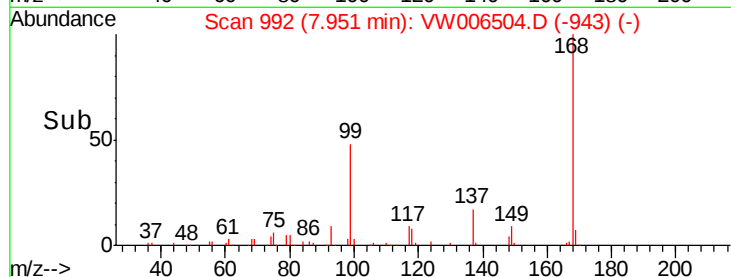
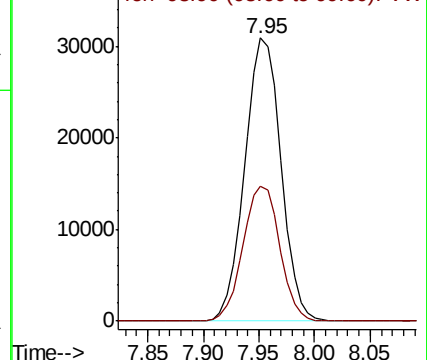
168 100

99 47.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.475 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Tgt Ion: 84 Resp: 3658

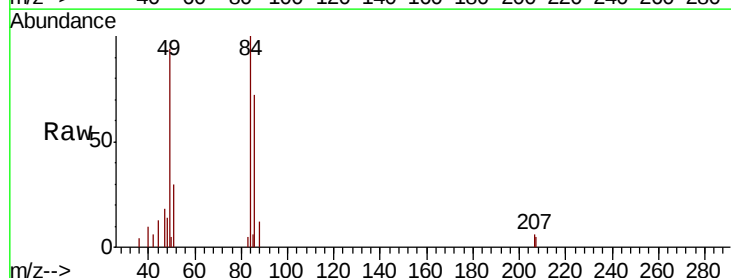
Ion Ratio Lower Upper

84 100

49 93.6 93.6 140.4#

51 29.7 29.0 43.4

86 71.9 52.6 79.0

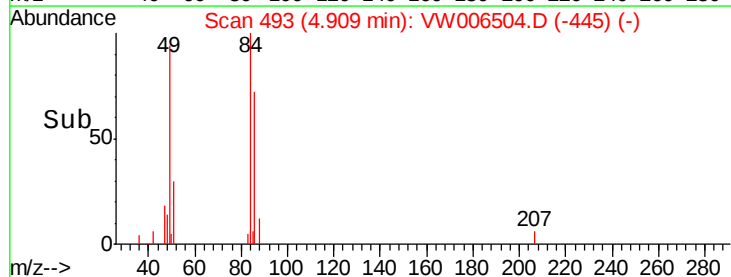
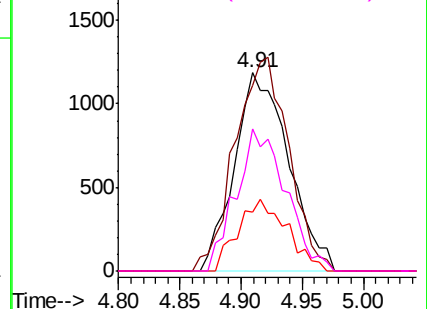


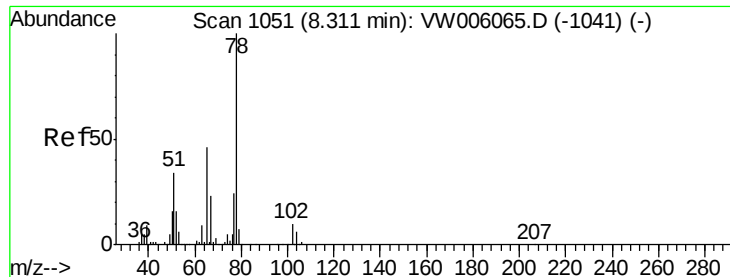
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 60.246 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

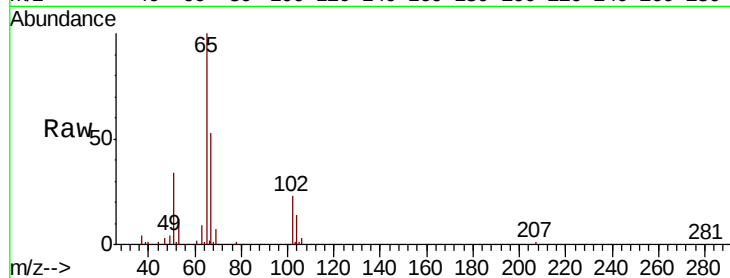
SB-5RE

Tot Ion: 65 Resp: 34964

Ion Ratio Lower Upper

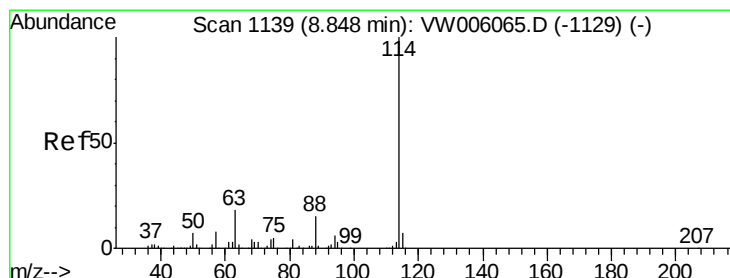
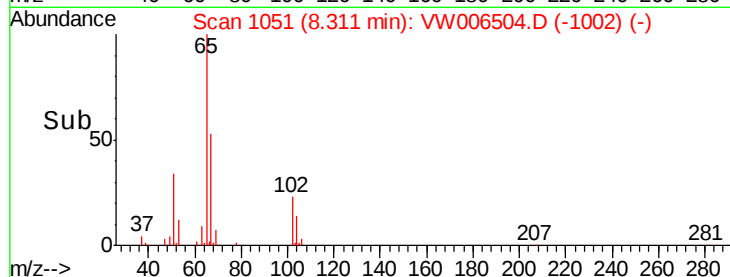
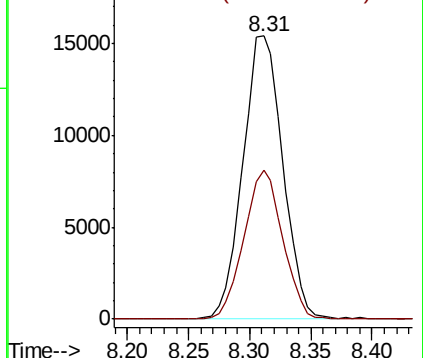
65 100

67 51.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

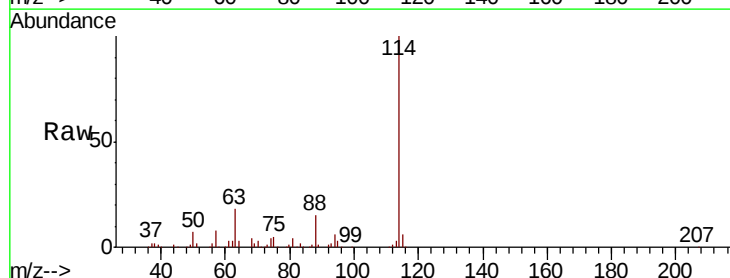
Tgt Ion:114 Resp: 99469

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

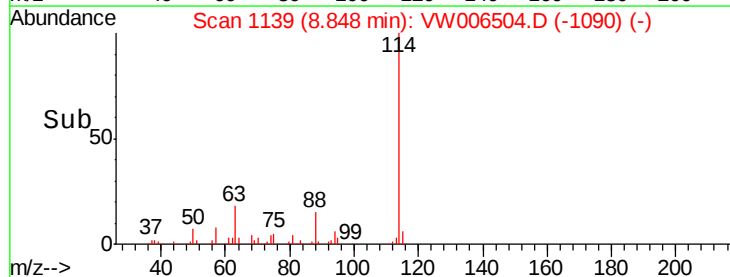
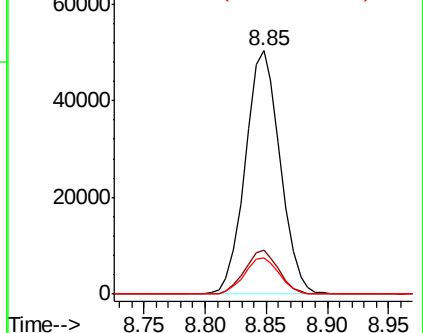
88 14.9 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 56.316 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

SB-5RE

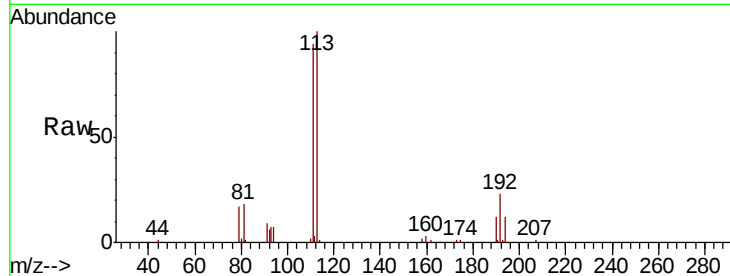
Tot Ion:113 Resp: 33100

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

192 23.3 18.7 28.1

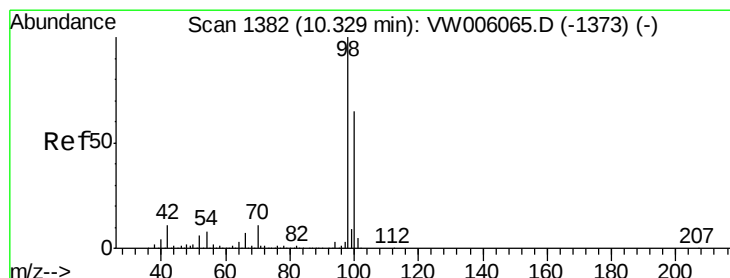
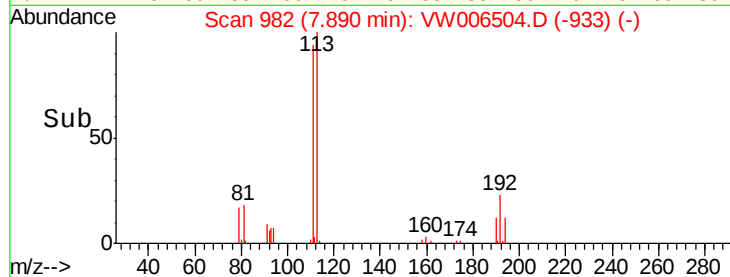
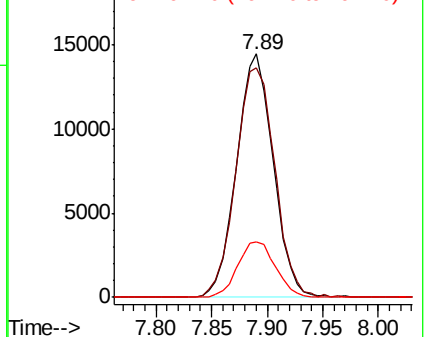


Abundance

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: 52.697 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006504.D

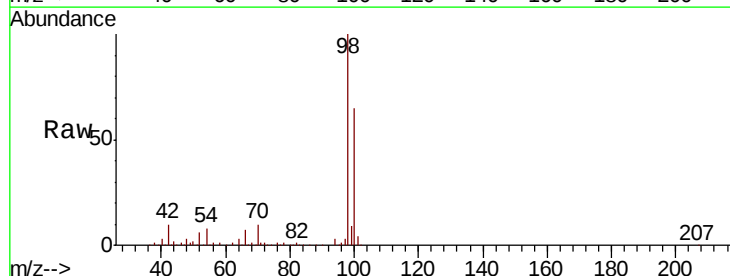
Acq: 30 Oct 2018 16:18

Tgt Ion: 98 Resp: 117838

Ion Ratio Lower Upper

98 100

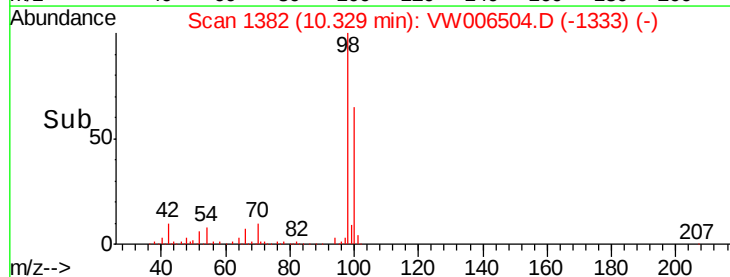
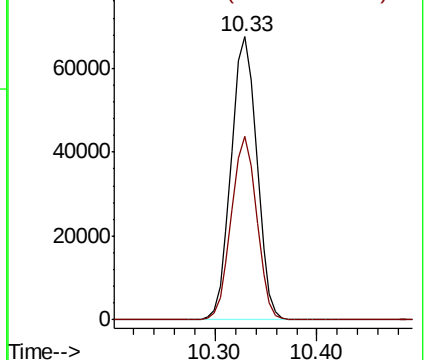
100 64.1 51.6 77.4

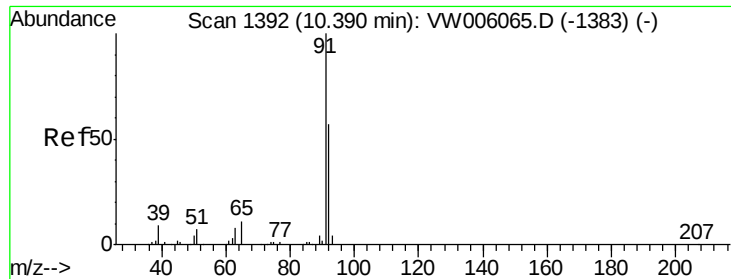


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.491 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampled :

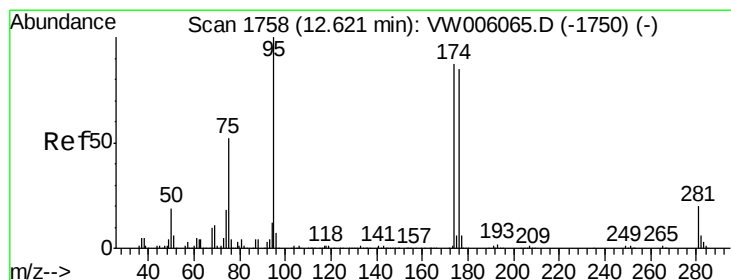
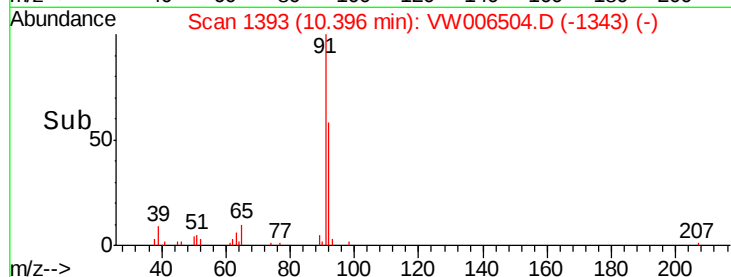
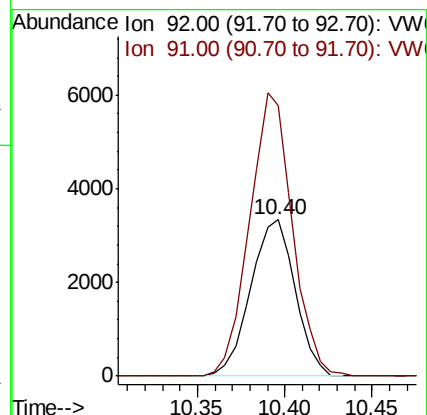
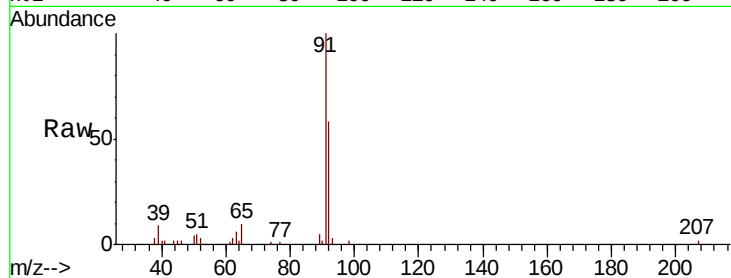
SB-5RE

Tot Ion: 92 Resp: 5886

Ion Ratio Lower Upper

92 100

91 174.4 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 47.802 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

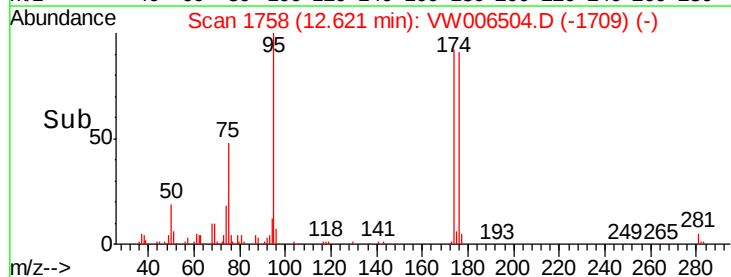
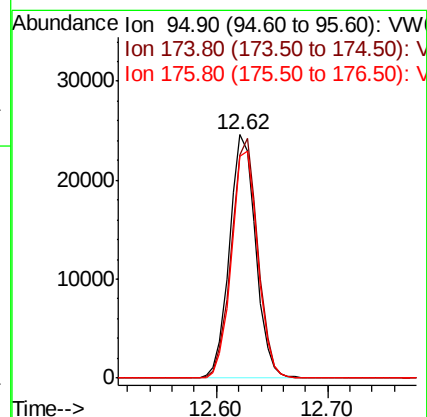
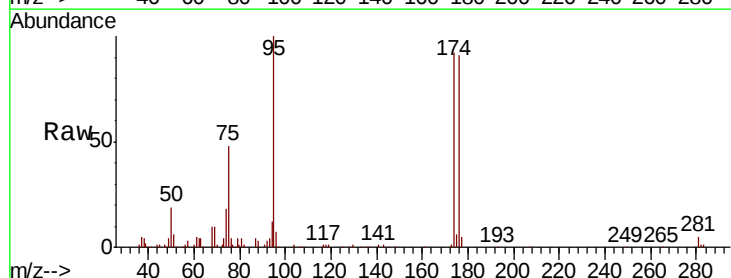
Tgt Ion: 95 Resp: 40147

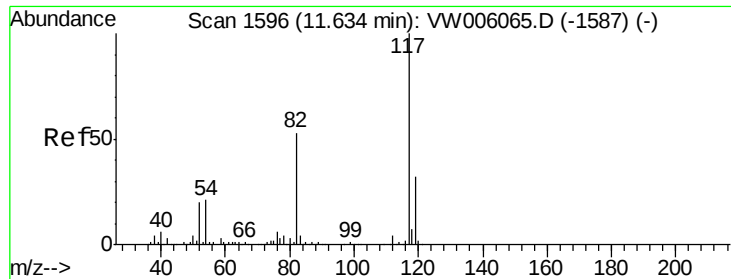
Ion Ratio Lower Upper

95 100

174 98.4 0.0 186.0

176 93.2 0.0 181.6

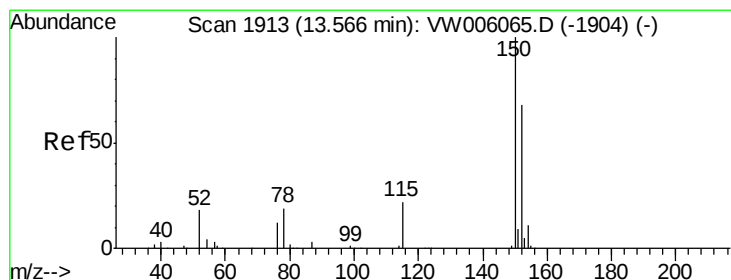
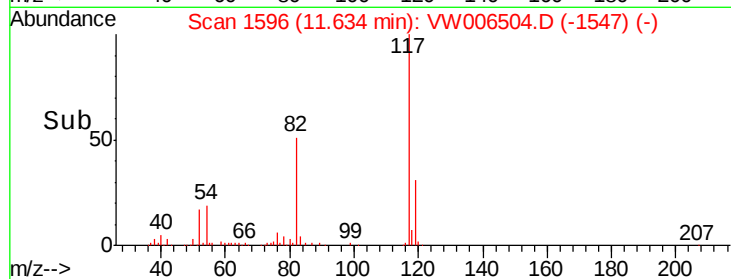
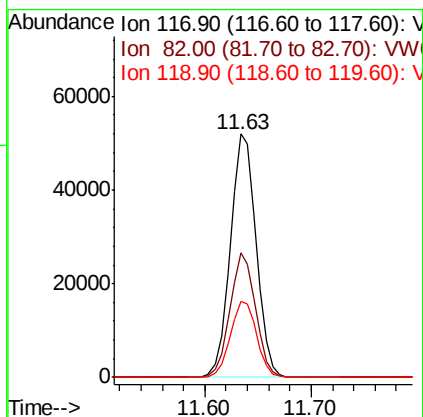
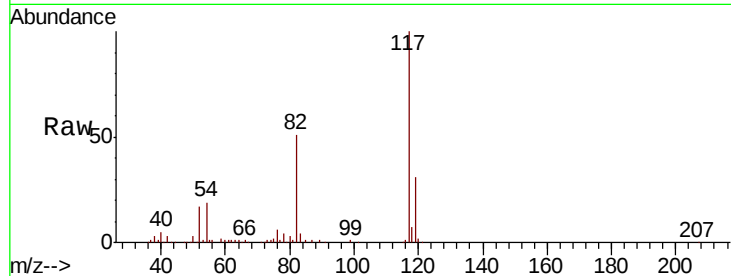




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006504.D
Acq: 30 Oct 2018 16:18

Instrument :
MSVOA_W
ClientSampleId :
SB-5RE

Tot Ion:117 Resp: 88441
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006504.D
Acq: 30 Oct 2018 16:18

Tgt Ion:152 Resp: 42928
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 159.9 0.0 349.2

