

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005647.D
 Acq On : 26 Sep 2018 08:56
 Operator : VA/AP
 Sample : J5070-07
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RT-4005

Quant Time: Sep 26 12:09:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

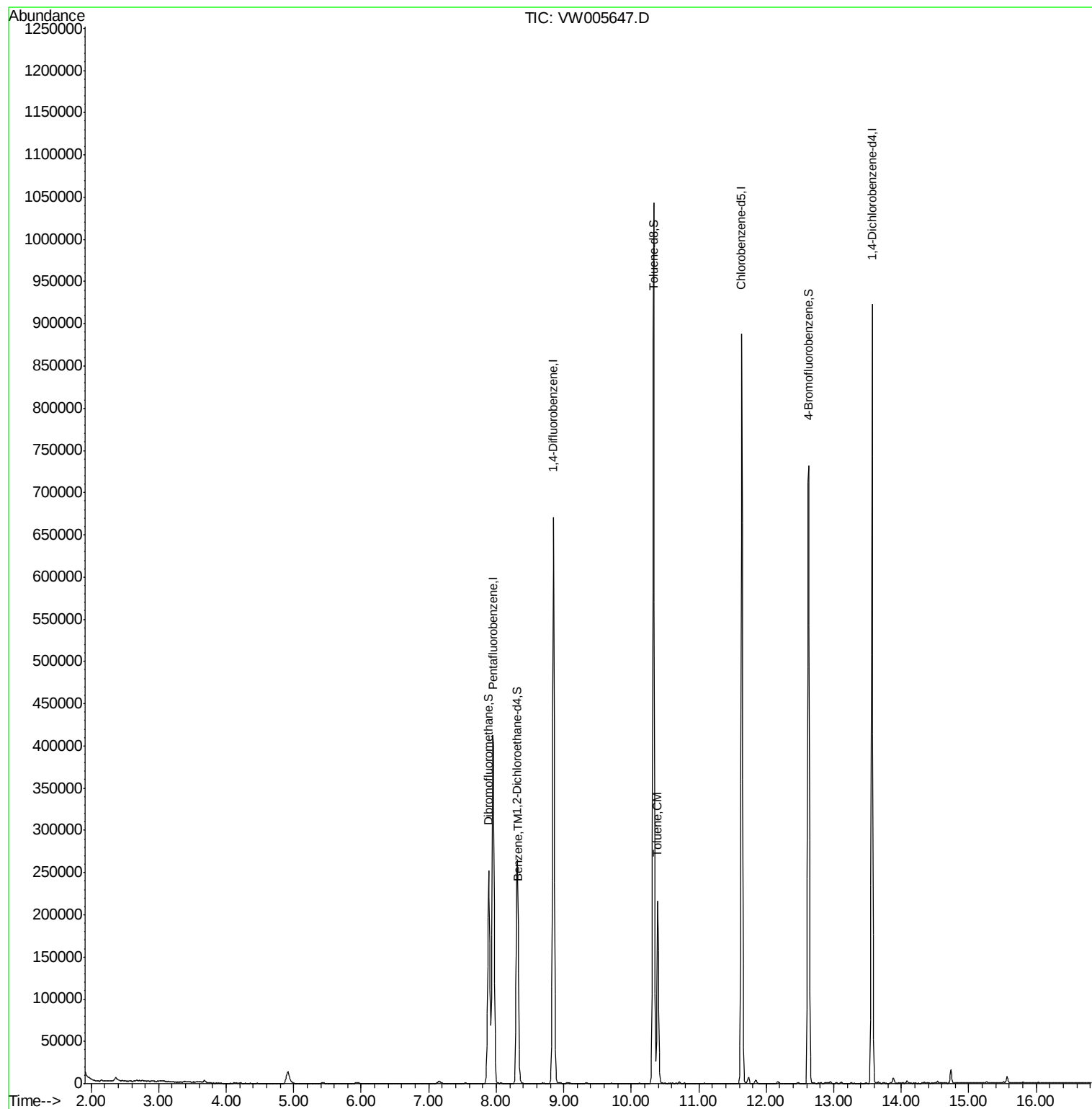
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	534902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	486824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	236857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	218111	60.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.10%	
35) Dibromofluoromethane	7.89	113	172850	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.33	98	655850	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.63	95	237041	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
40) Benzene	8.33	78	16296	1.068	ug/l	99
52) Toluene	10.39	92	91411	9.602	ug/l	98

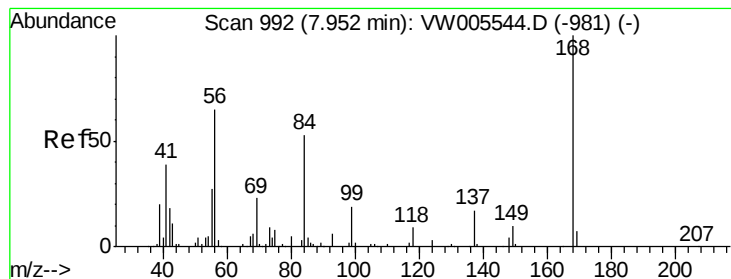
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005647.D

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MSVOA_W

ClientSampleId :

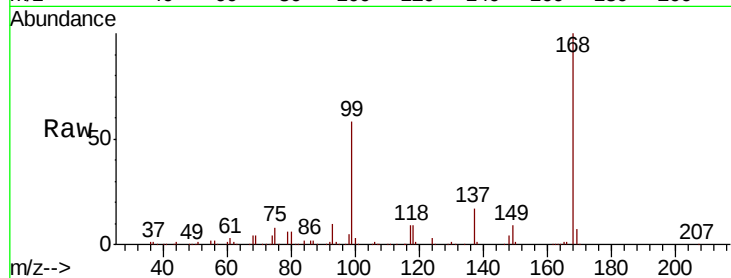
CS-RT-4005

Tot Ion:168 Resp: 308337

Ion Ratio Lower Upper

168 100

99 57.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

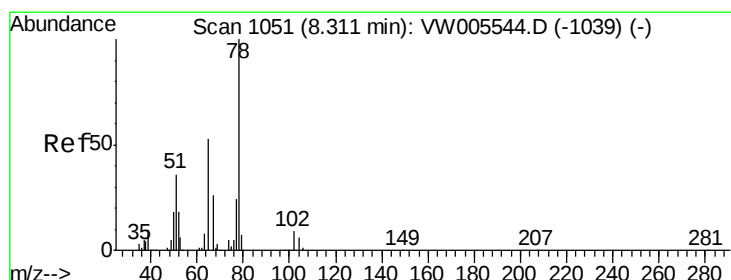
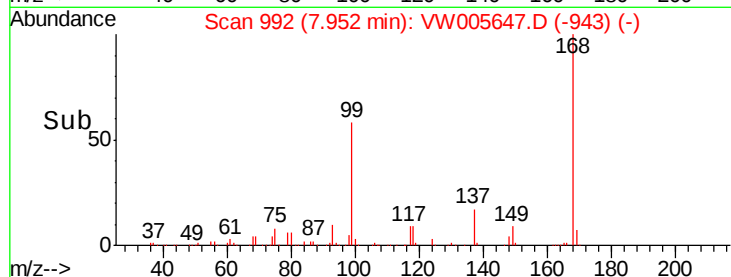
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 60.045 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005647.D

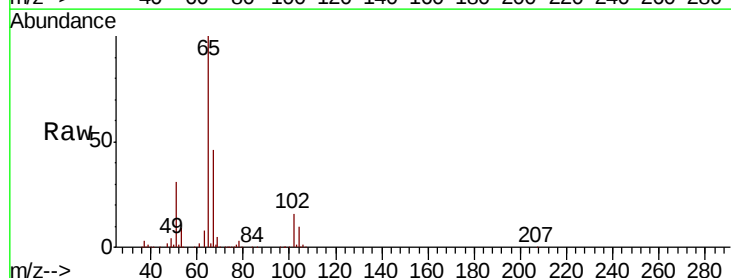
Acq: 26 Sep 2018 08:56

Tgt Ion: 65 Resp: 218111

Ion Ratio Lower Upper

65 100

67 49.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

120000

100000

80000

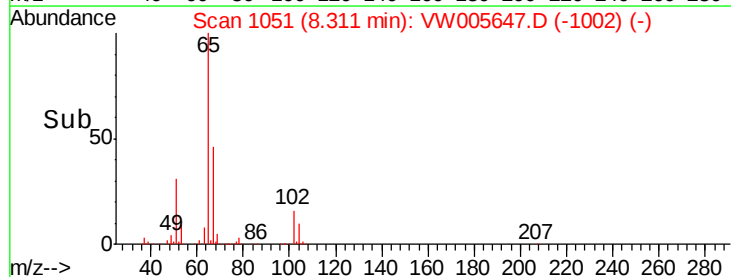
60000

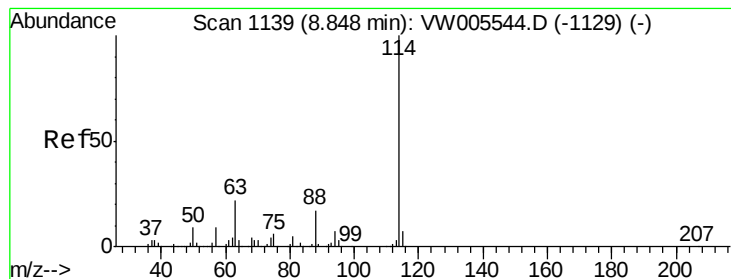
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

CS-RT-4005

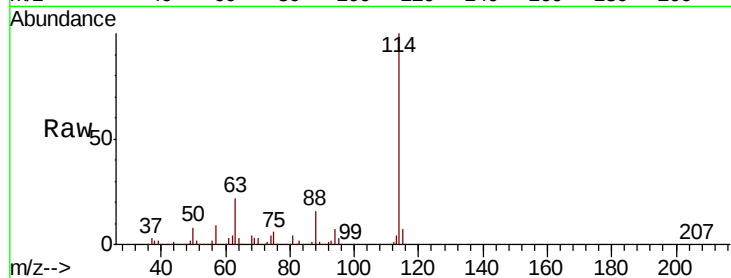
Tot Ion:114 Resp: 534902

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

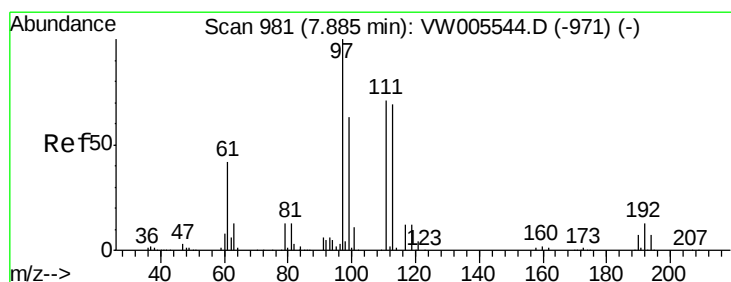
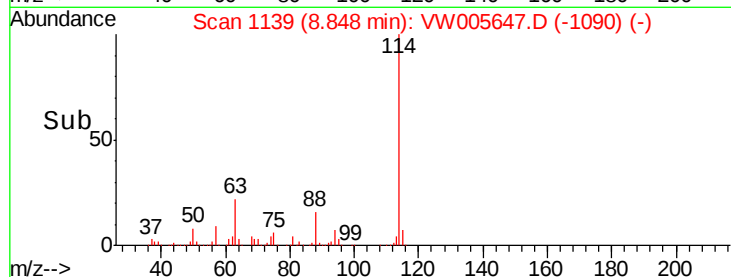
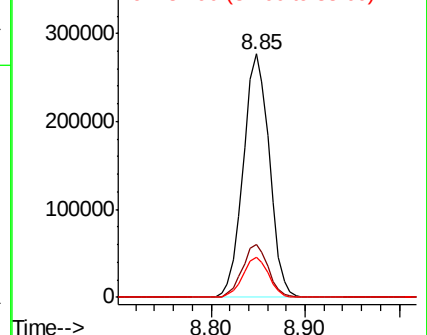
88 16.5 0.0 33.0



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: 51.386 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

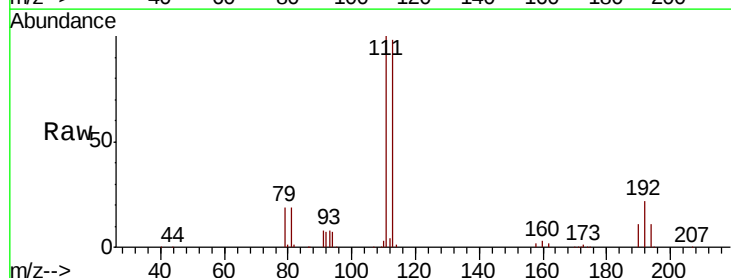
Tgt Ion:113 Resp: 172850

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

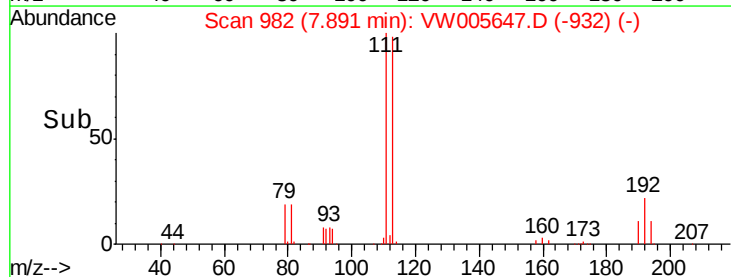
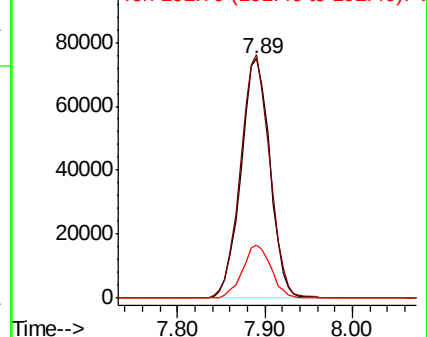
192 21.7 17.0 25.4

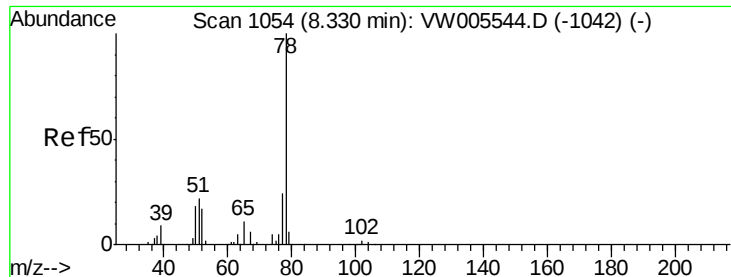


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.068 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

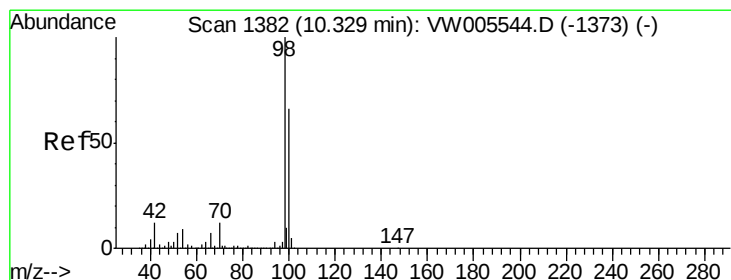
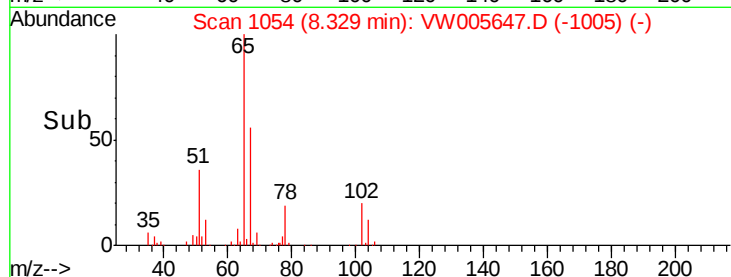
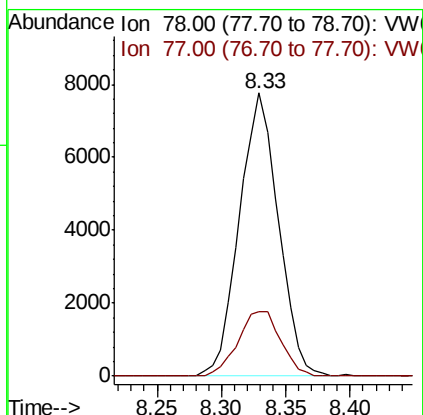
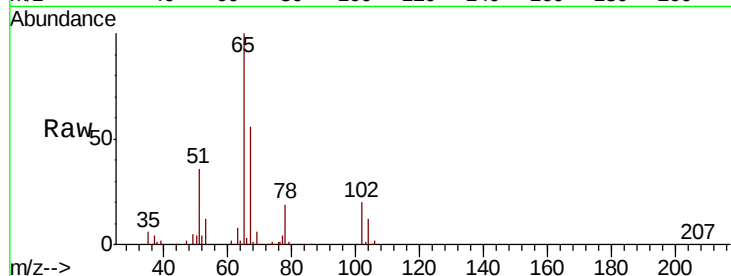
CS-RT-4005

Tot Ion: 78 Resp: 16296

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4



#50

Toluene-d8

Concen: 47.884 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005647.D

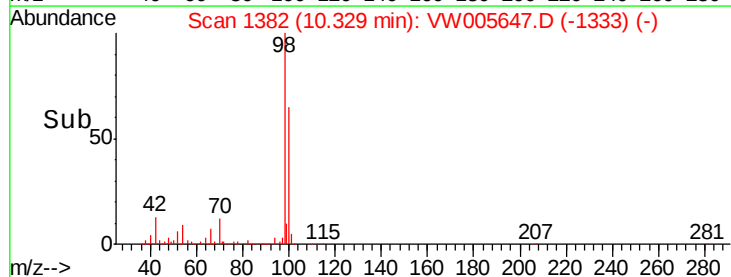
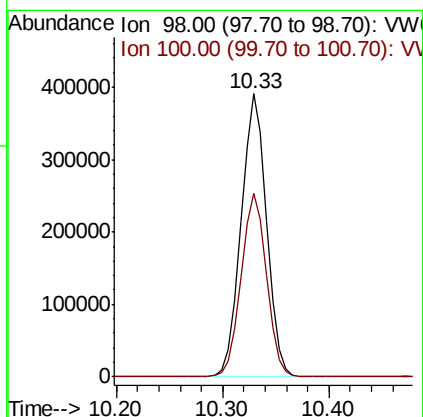
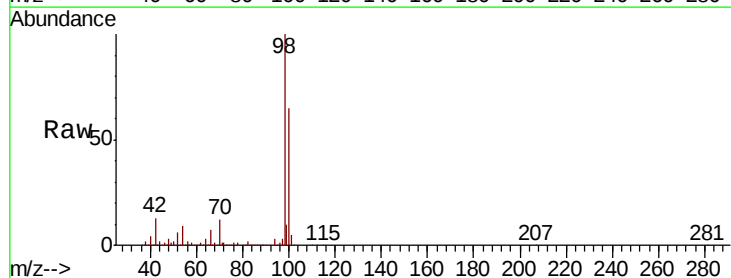
Acq: 26 Sep 2018 08:56

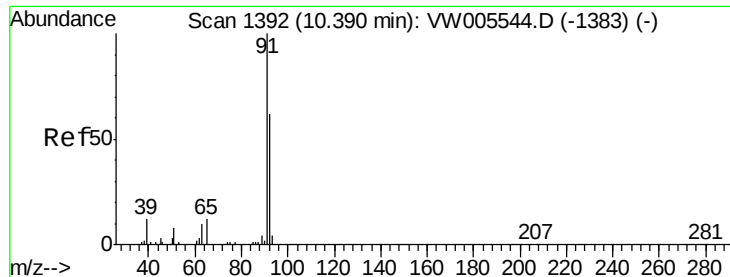
Tgt Ion: 98 Resp: 655850

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4





#52

Toluene

Concen: 9.602 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

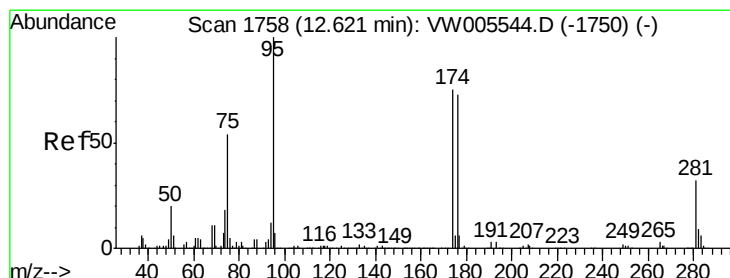
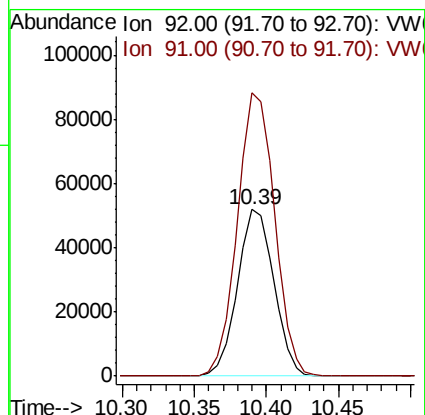
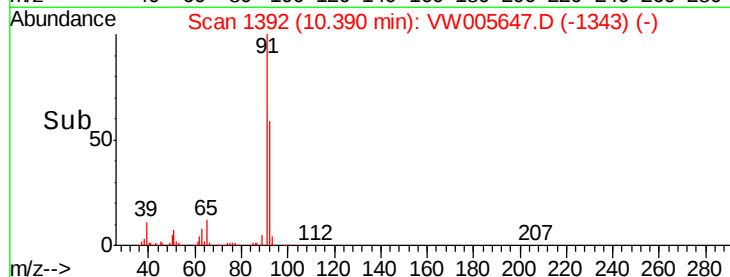
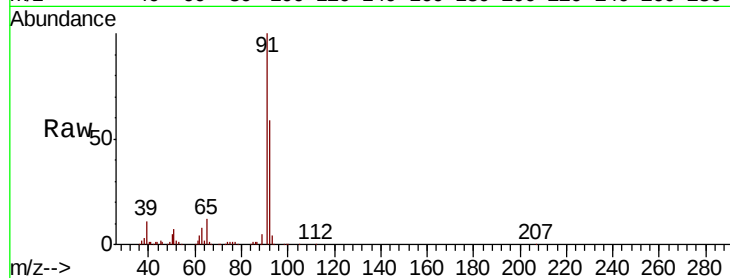
CS-RT-4005

Tot Ion: 92 Resp: 91411

Ion Ratio Lower Upper

92 100

91 174.0 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 46.771 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005647.D

Acq: 26 Sep 2018 08:56

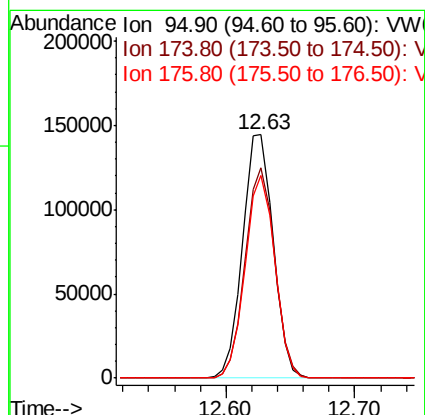
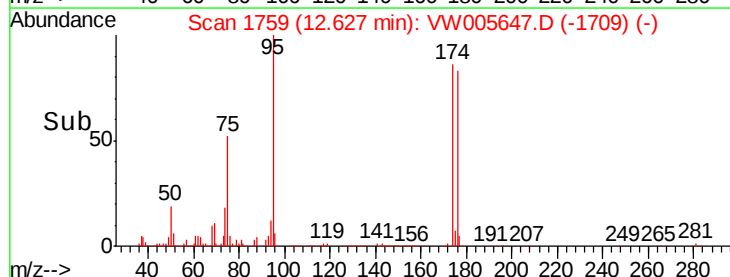
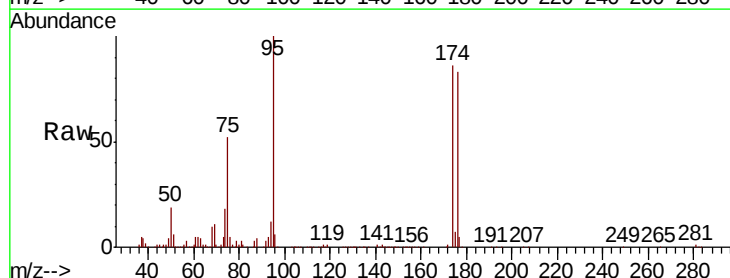
Tgt Ion: 95 Resp: 237041

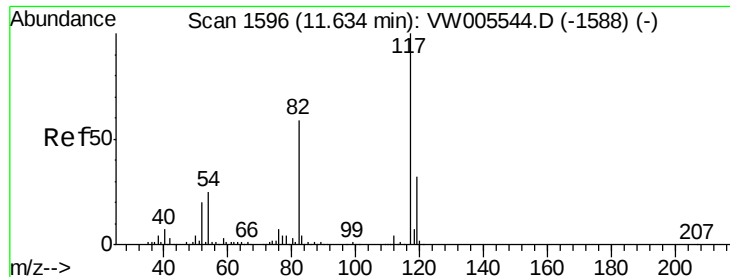
Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.8

176 80.6 0.0 158.0

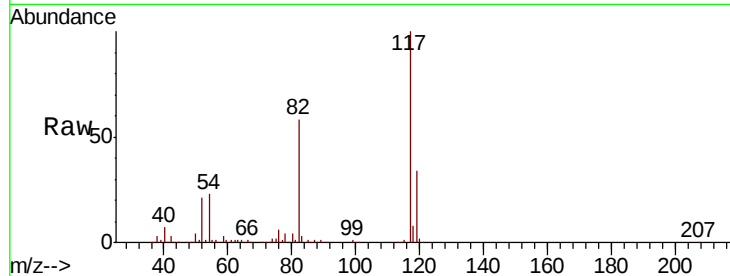




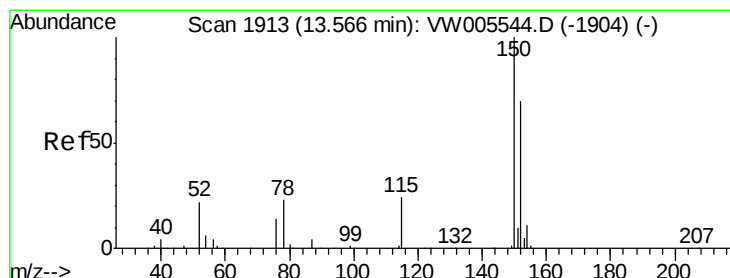
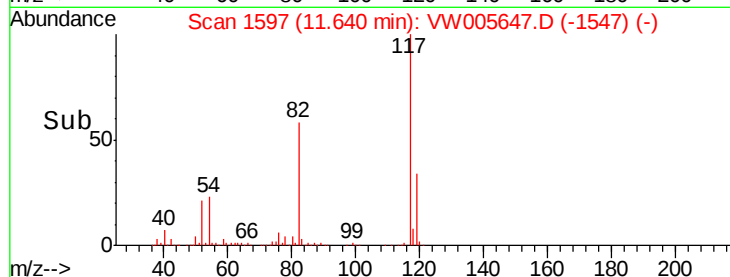
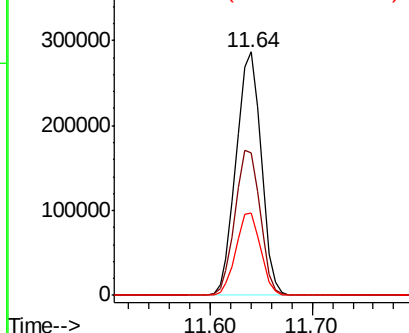
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005647.D
Acq: 26 Sep 2018 08:56

Instrument :
MSVOA_W
ClientSampleId :
CS-RT-4005

Tot Ion:117 Resp: 486824
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 33.7 25.7 38.5

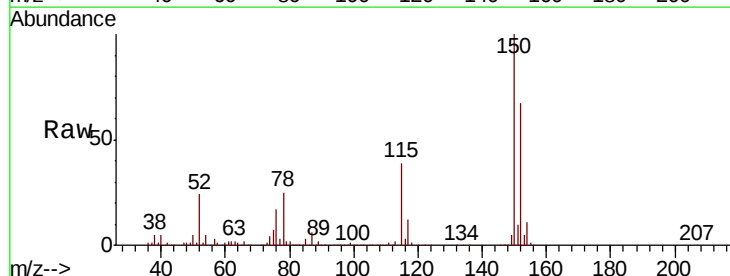


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005647.D
Acq: 26 Sep 2018 08:56

Tgt Ion:152 Resp: 236857
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 154.3 0.0 348.6



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

