

Data File : VW008255.D
Acq On : 14 Jan 2019 18:51
Operator : SY/VA
Sample : K1128-01RE
Misc : 3.63G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-200053

Quant Time: Jan 14 21:17:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	176703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82379	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57946	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	54362	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.32	98	226588	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	80764	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

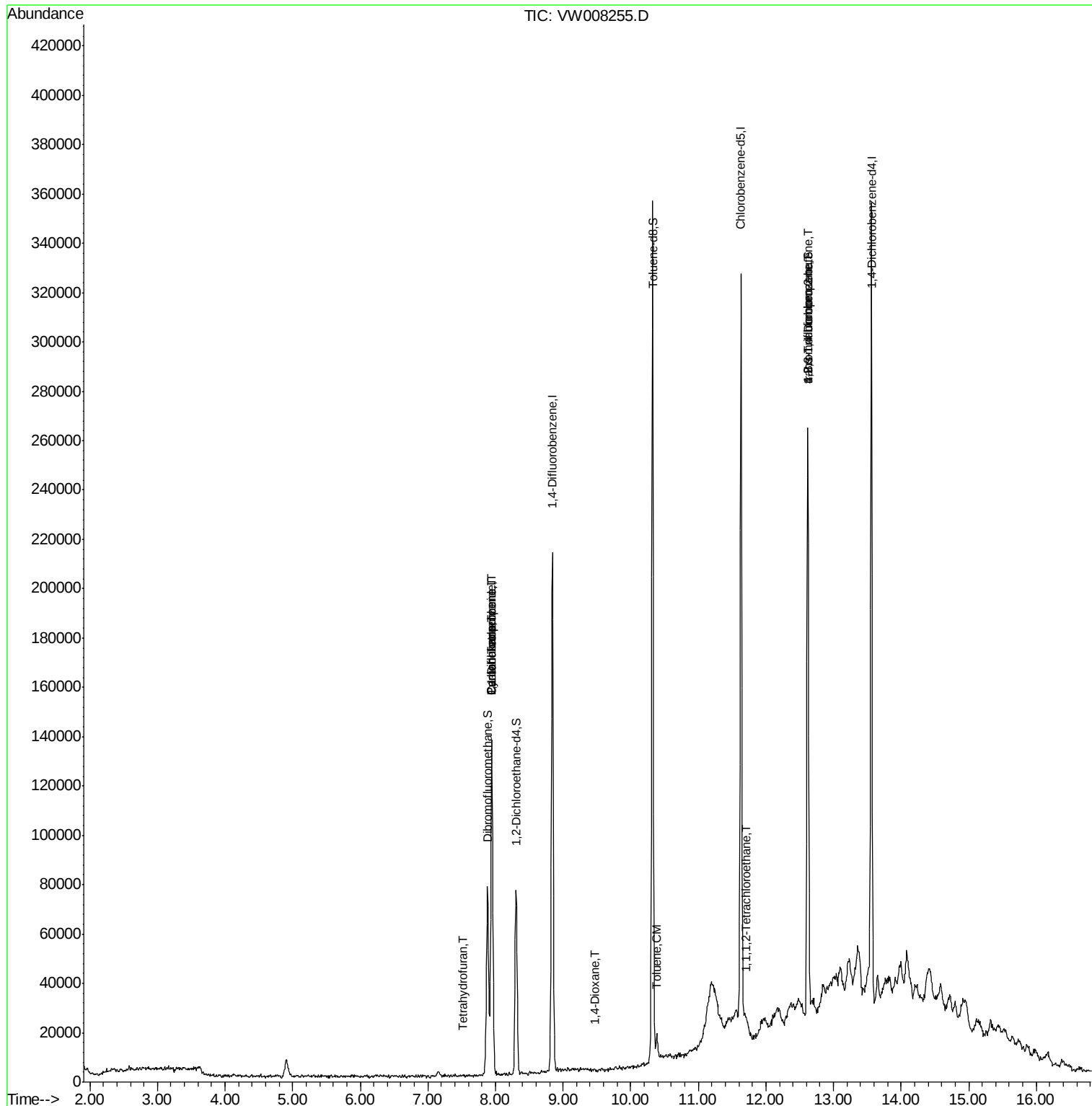
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.26	59	20	Below Cal	#	100
13) Acrolein	3.91	56	51	Below Cal	#	1
16) Acetone	4.14	43	883	Below Cal		88
20) Methylene Chloride	4.91	84	5350	Below Cal		90
29) Tetrahydrofuran	7.51	42	381	1.806	ug/l #	35
31) Cyclohexane	7.95	56	2659	1.113	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	8173	4.490	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10252	6.154	ug/l #	15
49) 1,4-Dioxane	9.46	88	44	4.551	ug/l #	79
52) Toluene	10.39	92	4090	1.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.71	131	1259	1.081	ug/l #	8
76) 1,2,3-Trichloropropane	12.62	75	40037	53.313	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	40037	124.151	ug/l #	11

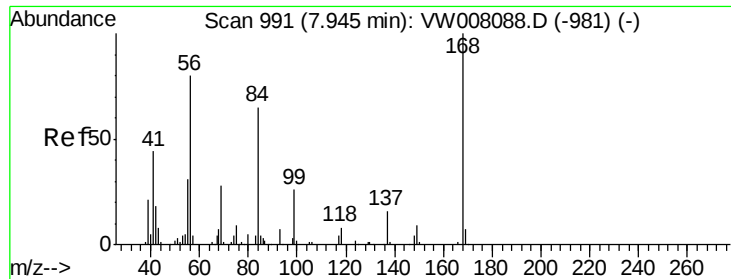
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008255.D
Acq On : 14 Jan 2019 18:51
Operator : SY/VA
Sample : K1128-01RE
Misc : 3.63G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-200053

Quant Time: Jan 14 21:17:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

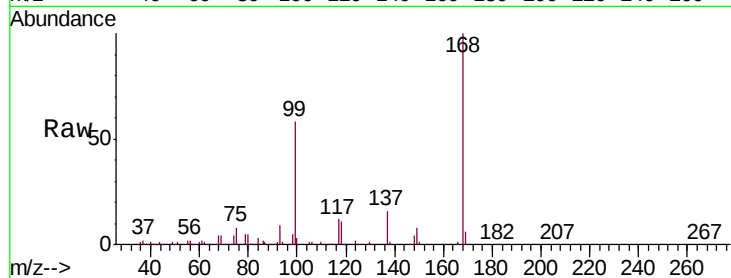
RBR-200053

Tgt Ion: 168 Resp: 100997

Ion Ratio Lower Upper

168 100

99 57.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

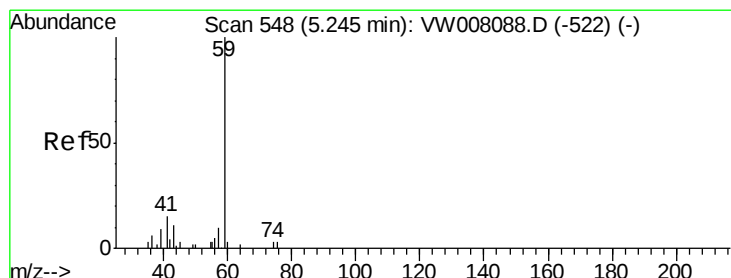
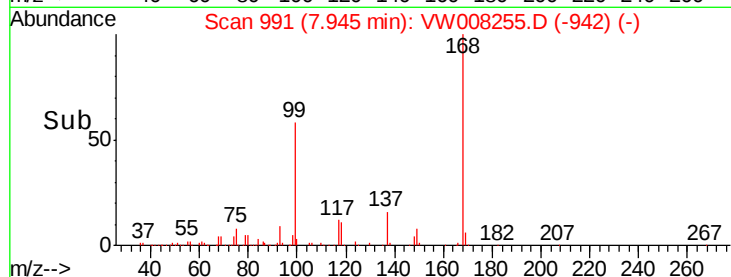
20000

10000

0

Time-->

7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008255.D

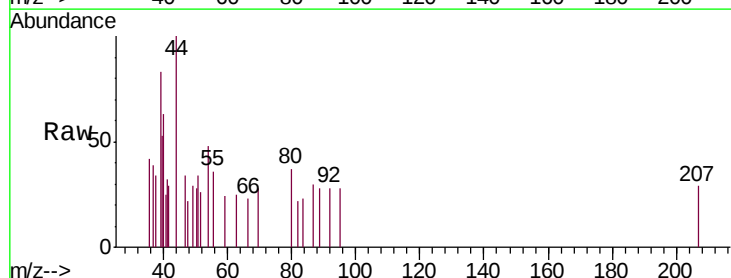
Acq: 14 Jan 2019 18:51

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 230.0 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

80

60

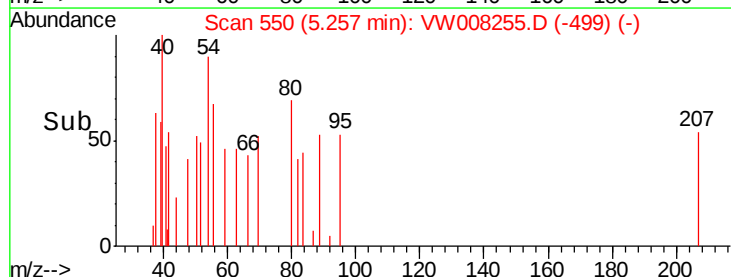
40

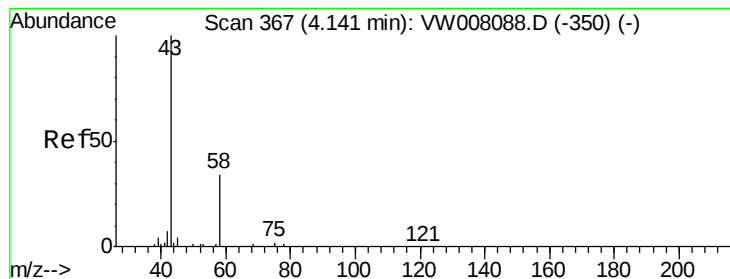
20

0

Time-->

5.25 5.25 5.25 5.26 5.26





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

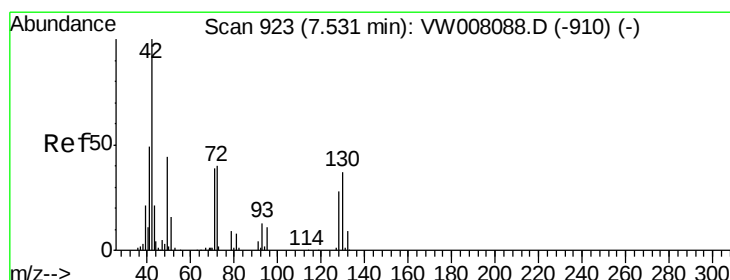
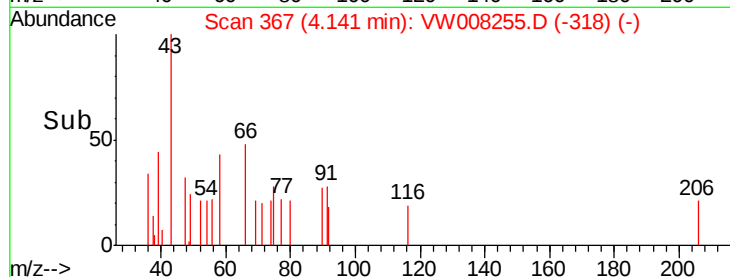
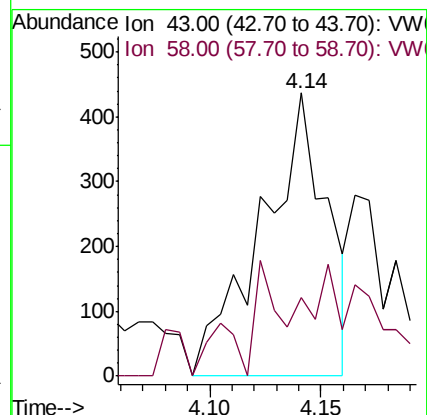
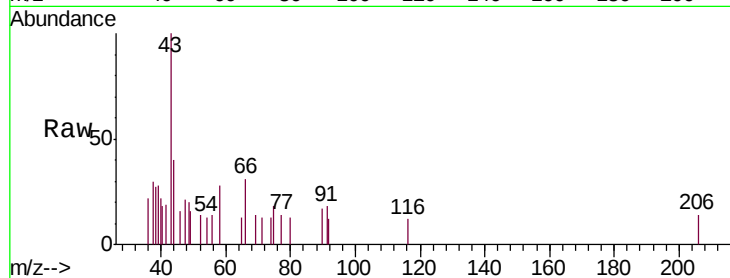
RBR-200053

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

58 27.7 27.5 41.3



#29

Tetrahydrofuran

Concen: 1.806 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.02 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

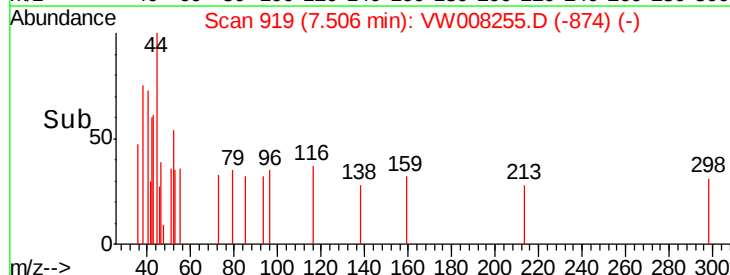
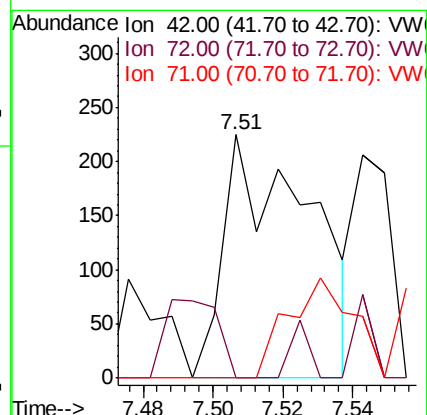
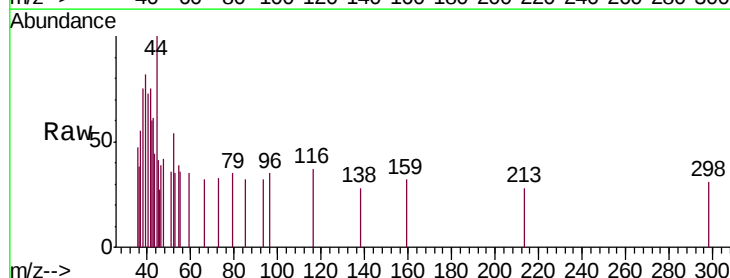
Tgt Ion: 42 Resp: 381

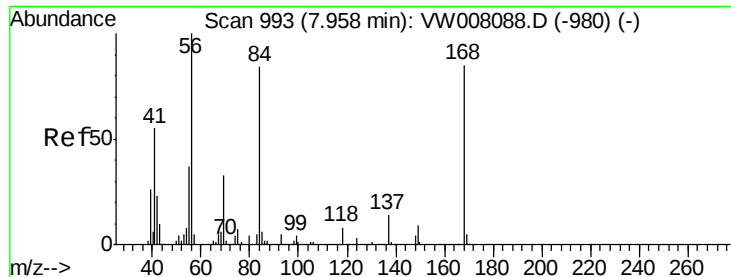
Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

71 0.0 31.3 46.9#

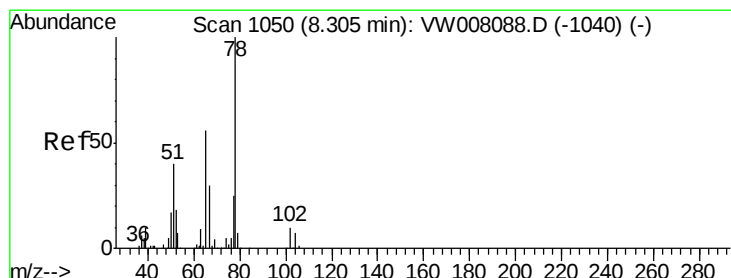
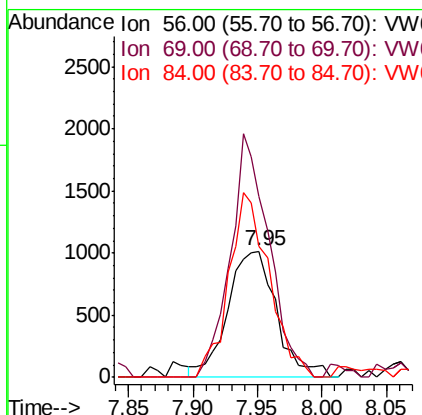
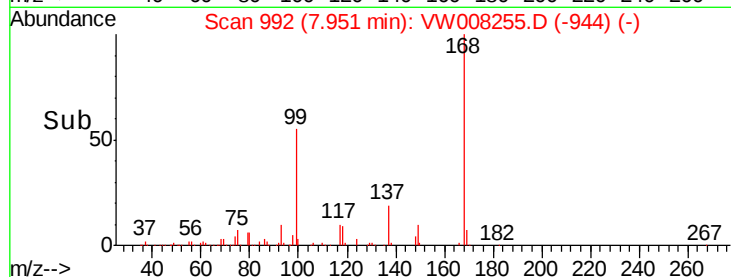
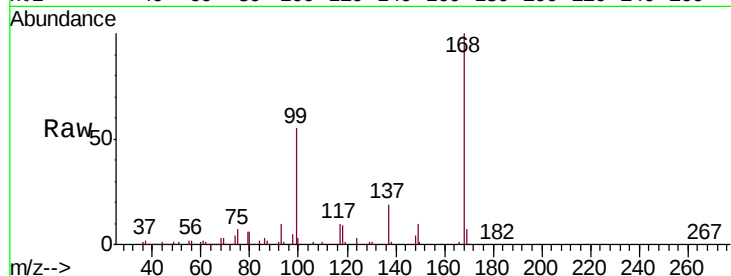




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

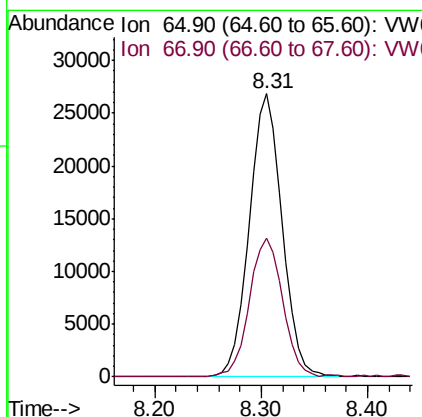
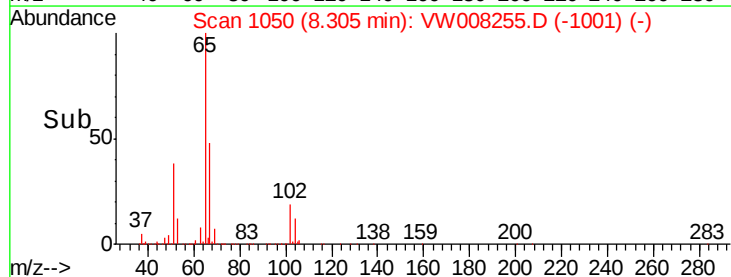
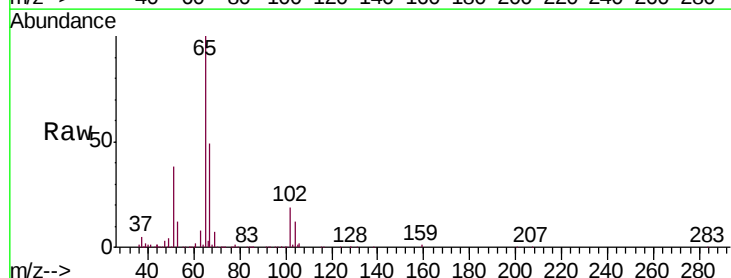
Instrument :
MSVOA_W
ClientSampled :
RBR-200053

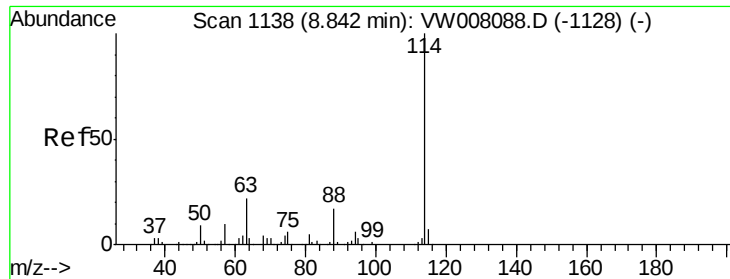
Tgt Ion: 56 Resp: 2659
Ion Ratio Lower Upper
56 100
69 143.7 26.2 39.4#
84 103.7 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 51.048 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

Tgt Ion: 65 Resp: 57946
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.8

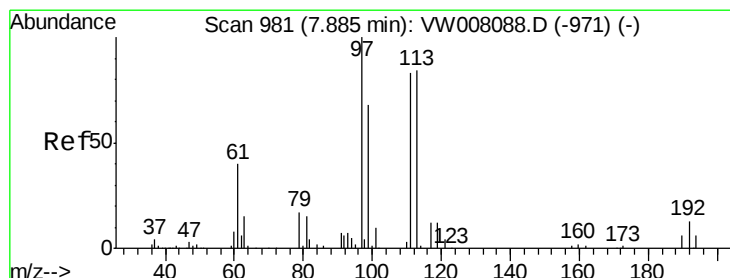
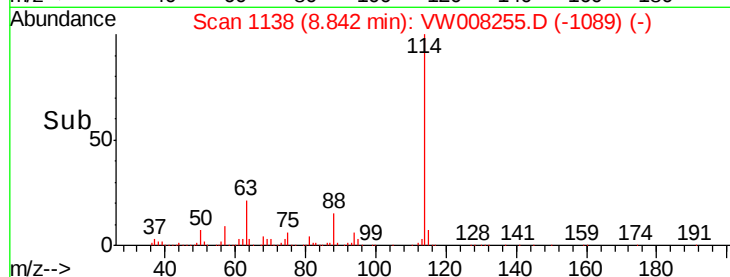
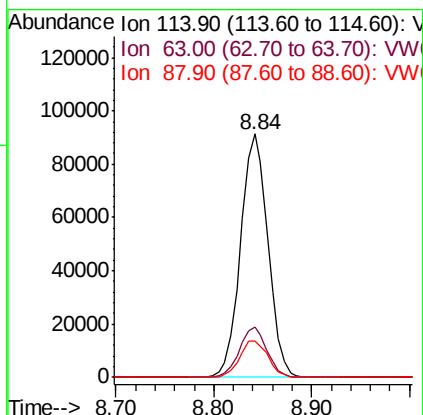
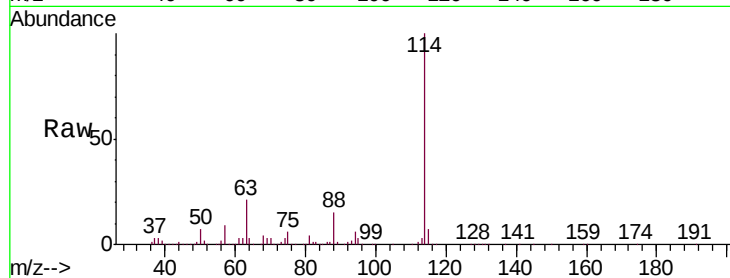




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008255.D
 Acq: 14 Jan 2019 18:51

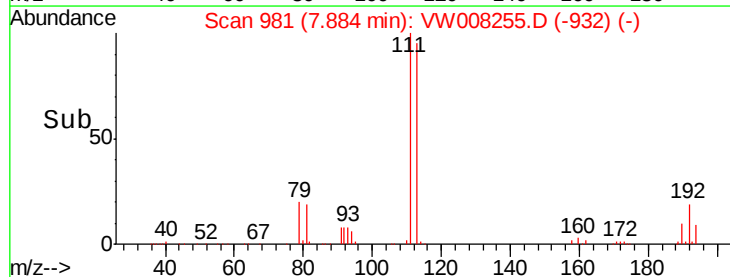
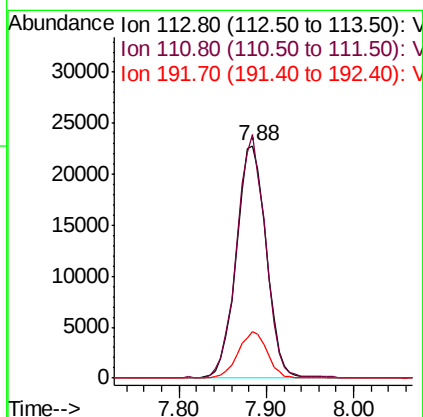
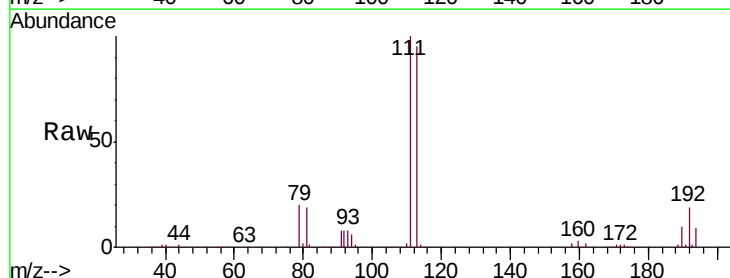
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200053

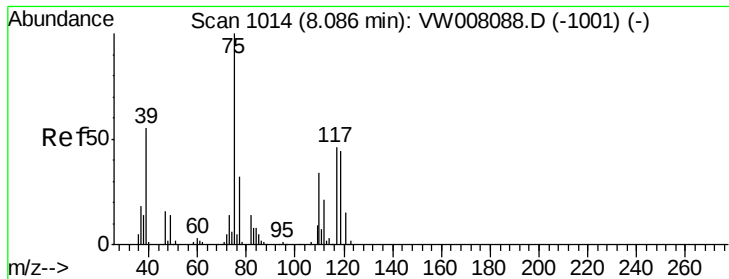
Tgt Ion:114 Resp: 176703
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.4
 88 14.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 52.748 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008255.D
 Acq: 14 Jan 2019 18:51

Tgt Ion:113 Resp: 54362
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.8 122.8
 192 19.4 12.8 19.2#





#36

1,1-Dichloropropene

Concen: 4.490 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

RBR-200053

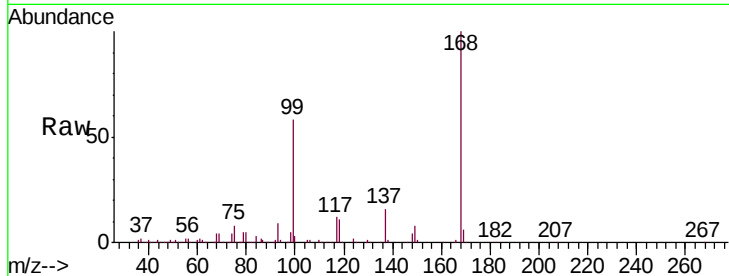
Tgt Ion: 75 Resp: 8173

Ion Ratio Lower Upper

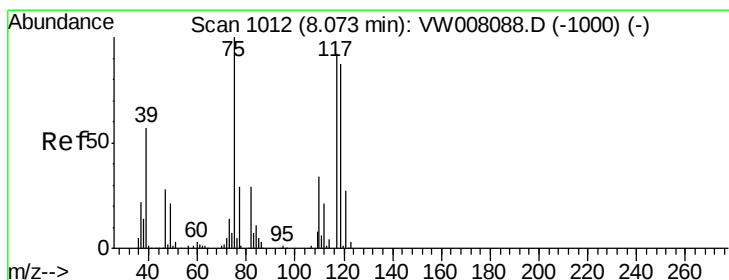
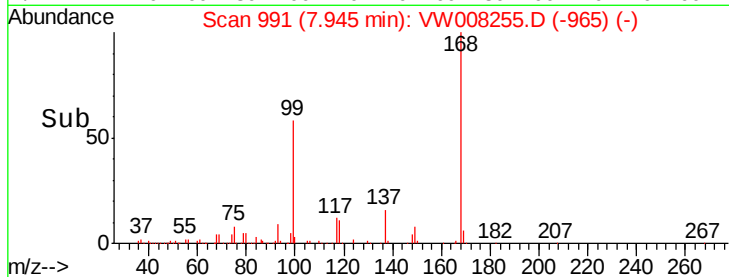
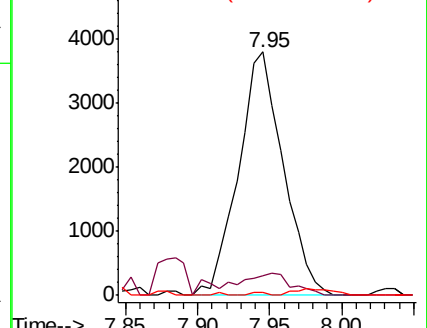
75 100

110 10.4 17.1 51.3#

77 0.5 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.154 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

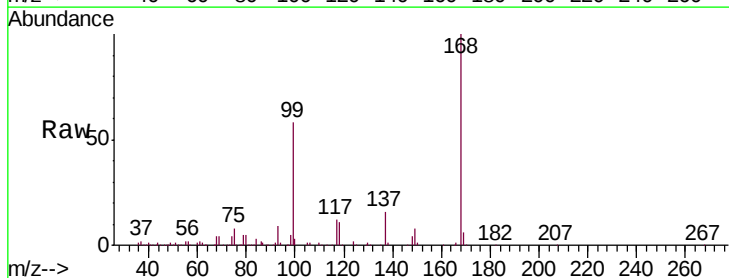
Tgt Ion: 117 Resp: 10252

Ion Ratio Lower Upper

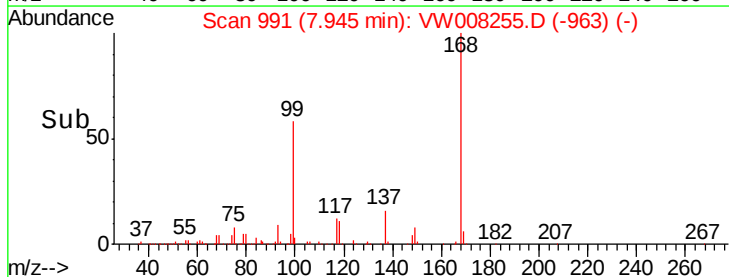
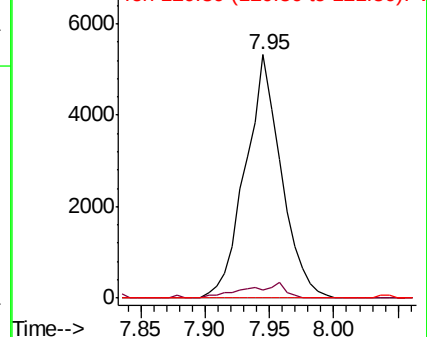
117 100

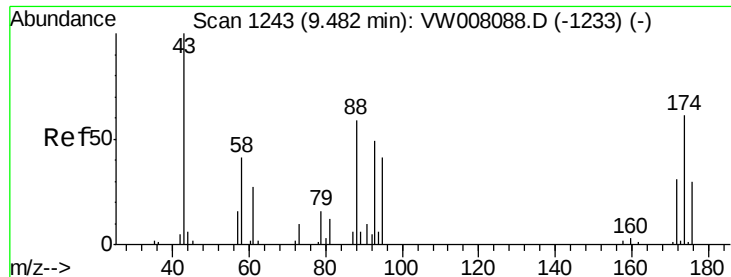
119 3.4 75.8 113.8#

121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

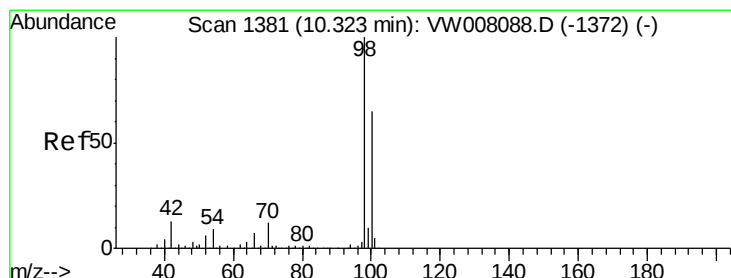
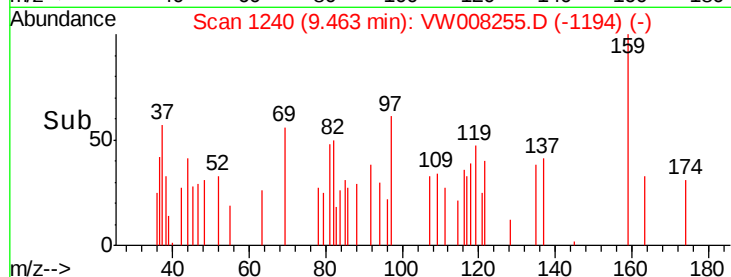
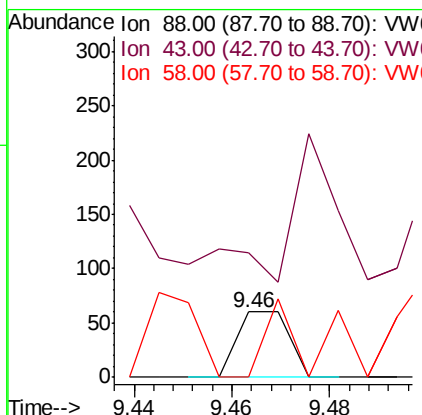
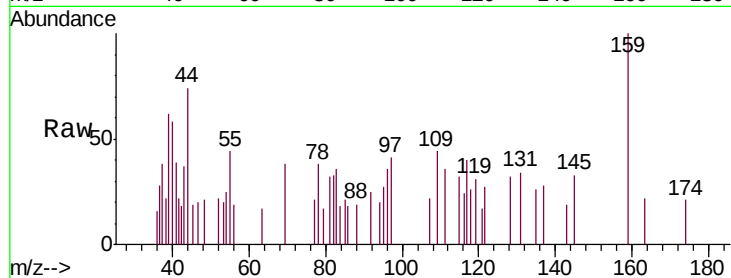




#49
1,4-Dioxane
Concen: 4.551 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

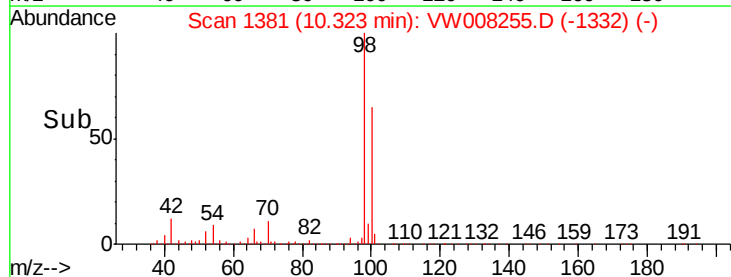
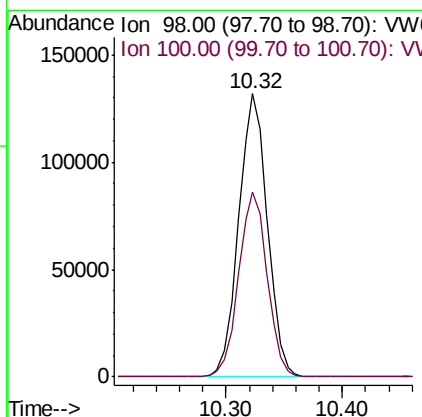
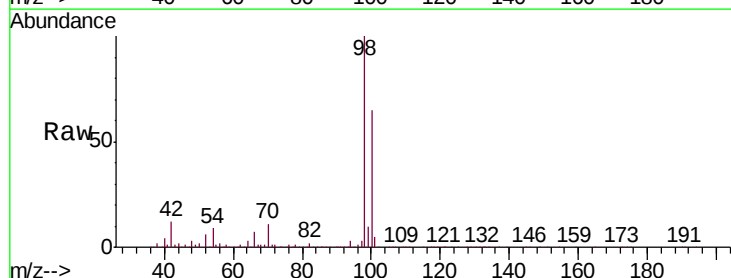
Instrument :
MSVOA_W
ClientSampled :
RBR-200053

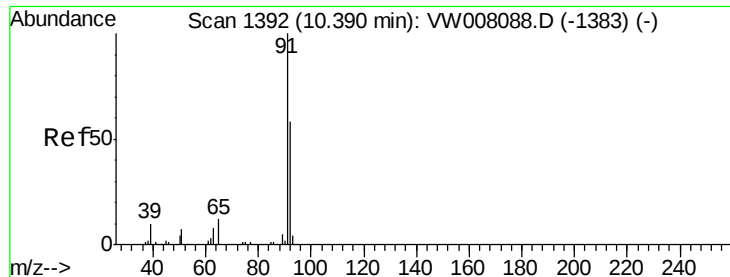
Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 168.2 0.0 0.0#
58 59.1 61.7 92.5#



#50
Toluene-d8
Concen: 52.393 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

Tgt Ion: 98 Resp: 226588
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5





#52

Toluene

Concen: 1.297 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

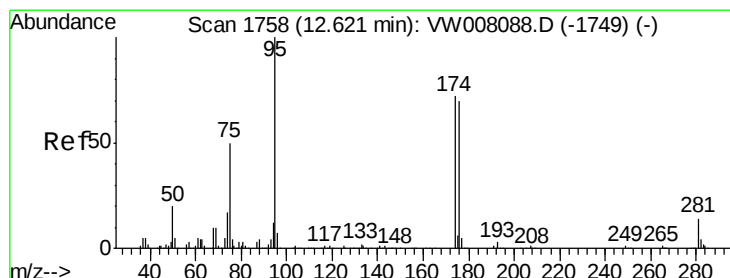
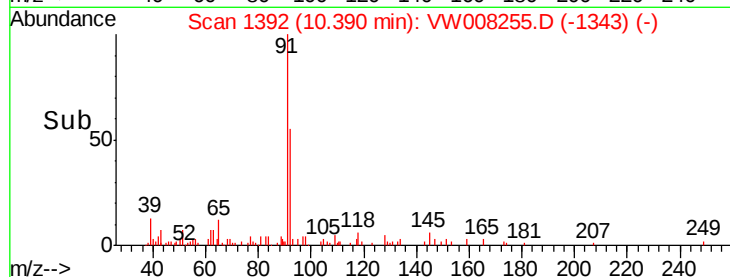
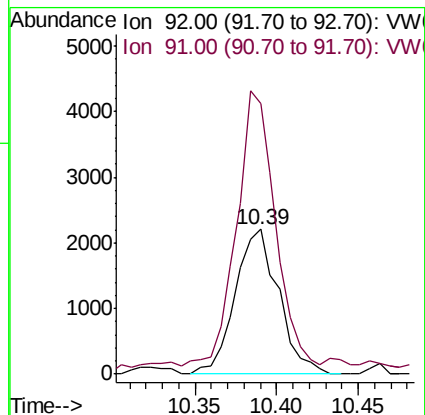
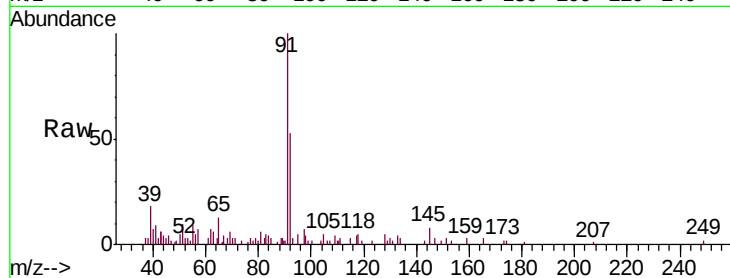
RBR-200053

Tgt Ion: 92 Resp: 4090

Ion Ratio Lower Upper

92 100

91 171.0 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 52.091 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

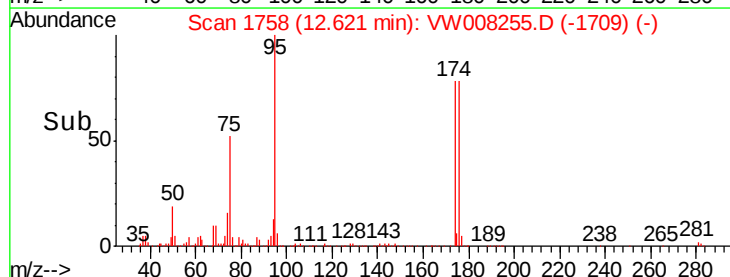
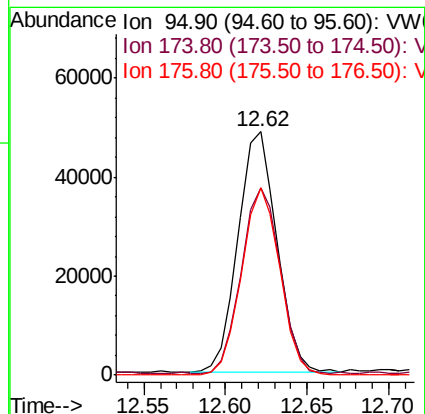
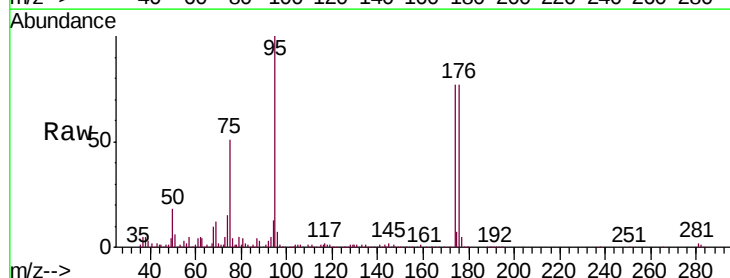
Tgt Ion: 95 Resp: 80764

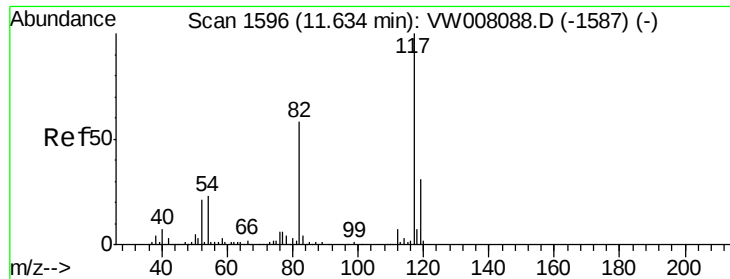
Ion Ratio Lower Upper

95 100

174 78.2 0.0 143.0

176 76.7 0.0 140.2

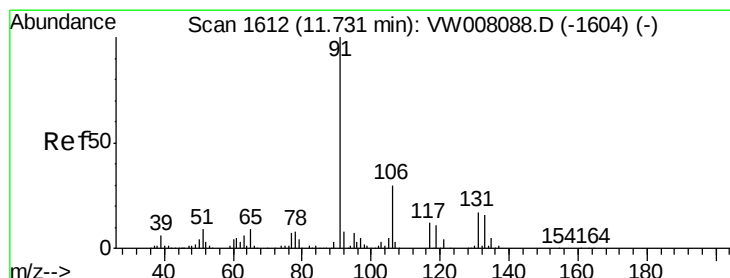
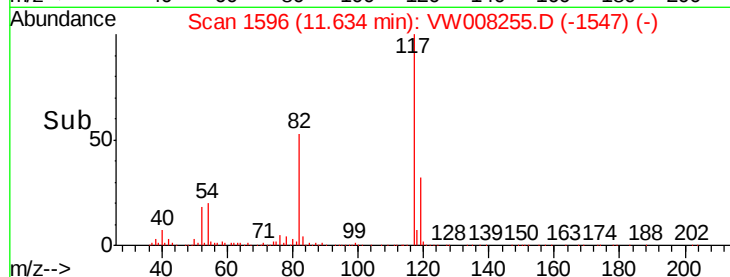
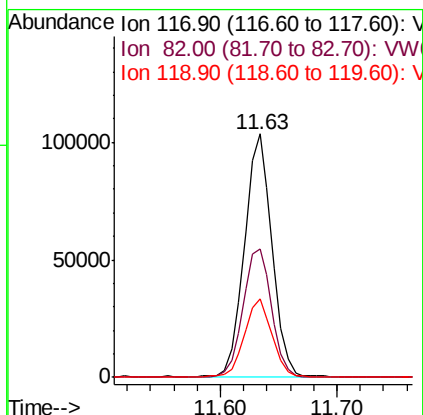
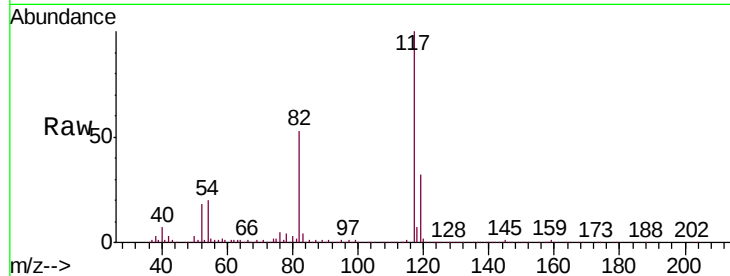




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

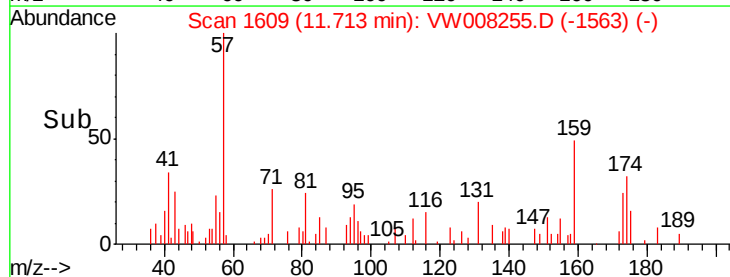
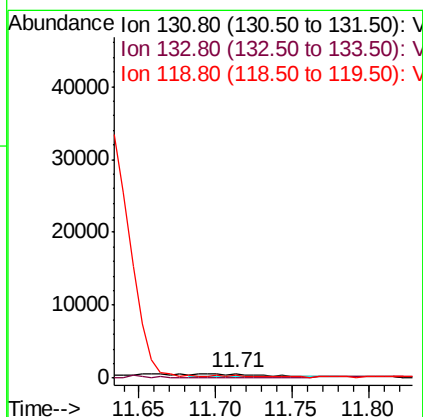
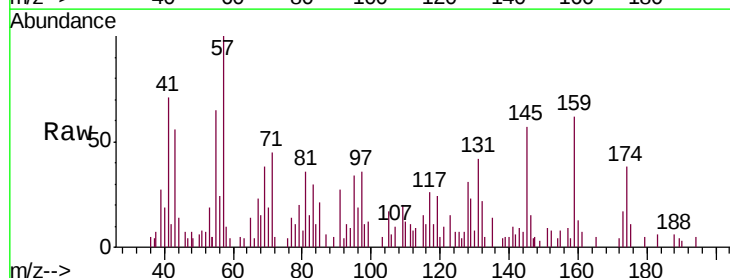
Instrument :
MSVOA_W
ClientSampleId :
RBR-200053

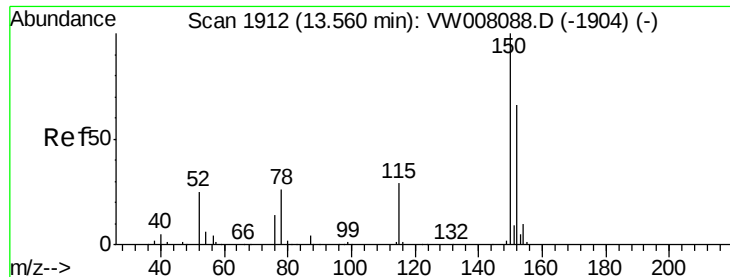
Tgt Ion:117 Resp: 169012
Ion Ratio Lower Upper
117 100
82 52.8 46.4 69.6
119 32.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 1.081 ug/l
RT: 11.71 min Scan# 1609
Delta R.T. -0.02 min
Lab File: VW008255.D
Acq: 14 Jan 2019 18:51

Tgt Ion:131 Resp: 1259
Ion Ratio Lower Upper
131 100
133 0.0 47.9 143.7#
119 0.0 32.5 97.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008255.D

Acq: 14 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampled :

RBR-200053

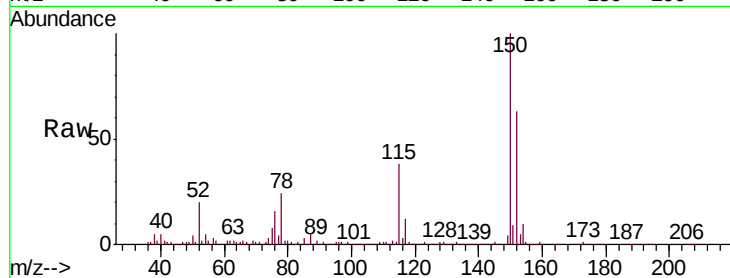
Tgt Ion:152 Resp: 82379

Ion Ratio Lower Upper

152 100

115 58.2 30.8 92.4

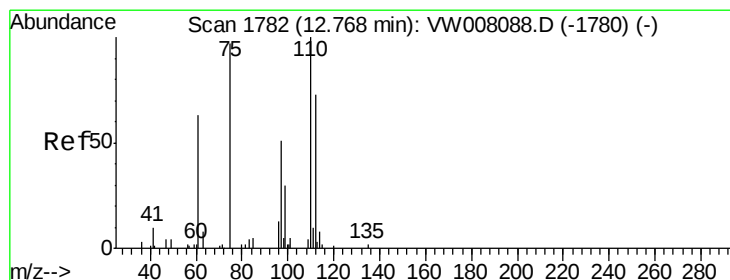
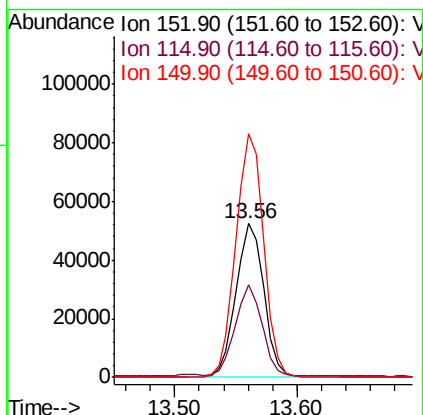
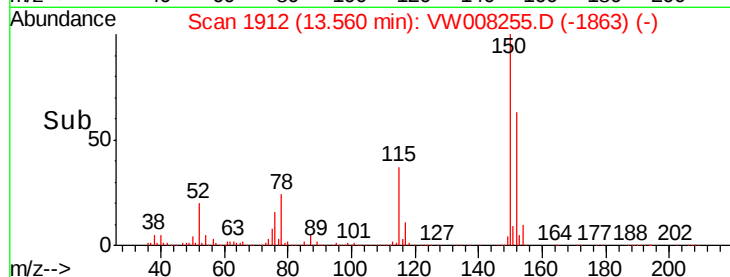
150 157.7 0.0 350.2



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



#76

1,2,3-Trichloropropane

Concen: 53.313 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008255.D

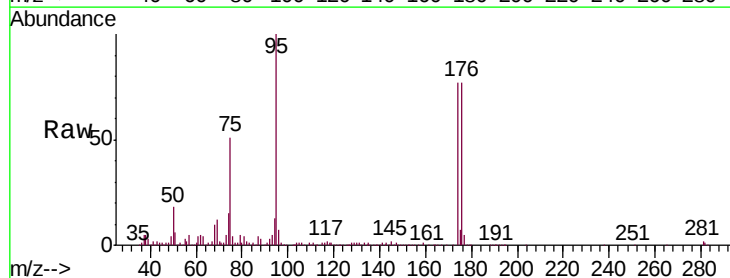
Acq: 14 Jan 2019 18:51

Tgt Ion: 75 Resp: 40037

Ion Ratio Lower Upper

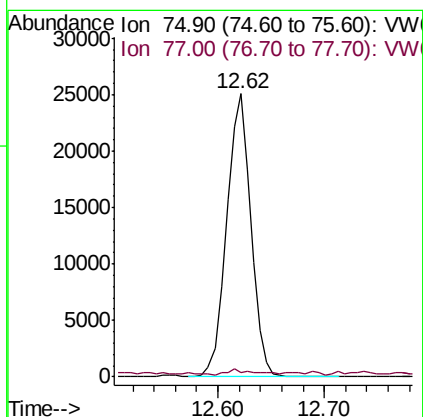
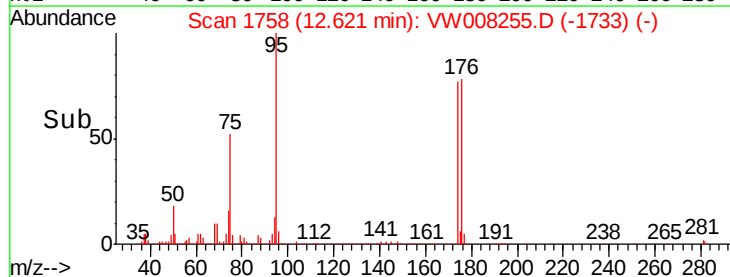
75 100

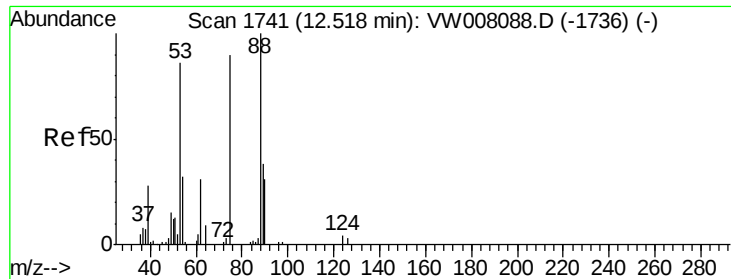
77 1.8 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.151 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008255.D
 Acq: 14 Jan 2019 18:51

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200053

Tgt Ion: 75 Resp: 40037
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.8 118.2#
 89 0.2 35.4 53.2#

