

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010708.D
 Acq On : 06 Jun 2019 14:27
 Operator : SY/VA
 Sample : K3211-03
 Misc : 3.99G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200050

Quant Time: Jun 07 07:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144622	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	147873	59.99	ug/l	0.00
Spiked Amount			Recovery	=	119.98%	
35) Dibromofluoromethane	7.88	113	108658	54.93	ug/l	0.00
Spiked Amount			Recovery	=	109.86%	
50) Toluene-d8	10.32	98	477906	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	
62) 4-Bromofluorobenzene	12.62	95	168985	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	

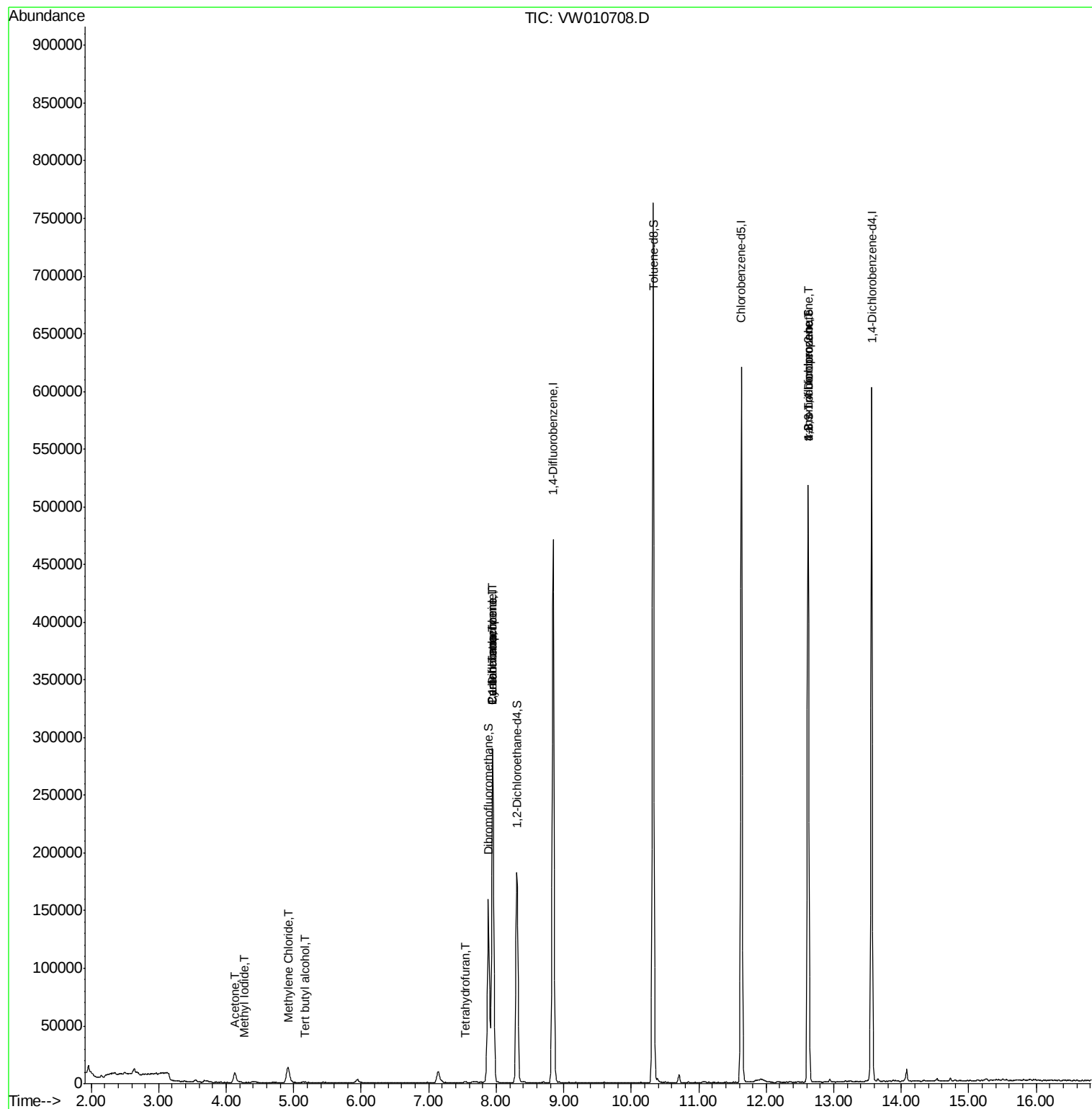
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	62	4.824	ug/l #	41
11) Tert butyl alcohol	5.17	59	441	2.196	ug/l #	72
16) Acetone	4.13	43	16260	24.619	ug/l	99
20) Methylene Chloride	4.92	84	9294	4.011	ug/l	97
29) Tetrahydrofuran	7.55	42	696	1.208	ug/l #	40
31) Cyclohexane	7.95	56	5296	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18274	4.899	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21724	6.746	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	91204	60.053	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91204	138.021	ug/l #	5

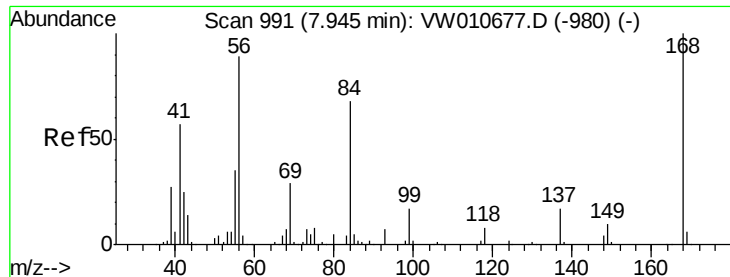
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
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Quant Time: Jun 07 07:39:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
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: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampled :

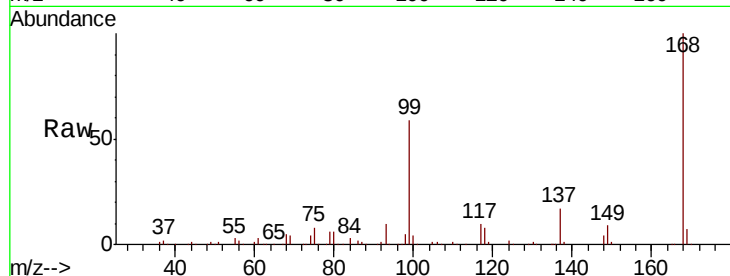
RBR-200050

Tot Ion:168 Resp: 209124

Ion Ratio Lower Upper

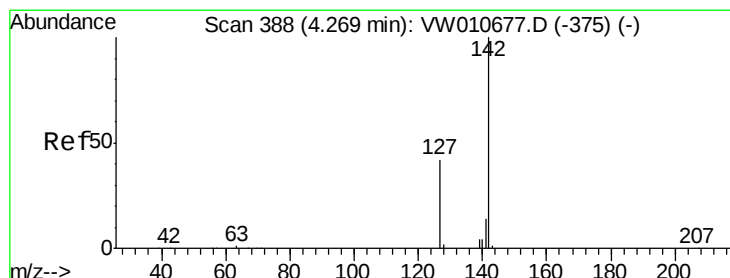
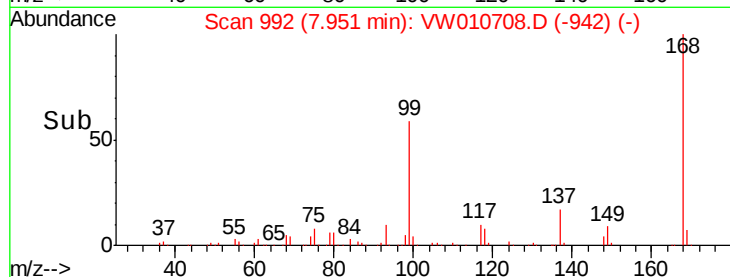
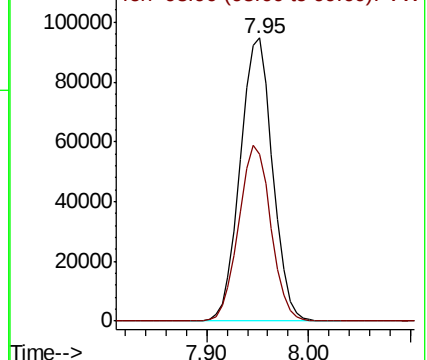
168 100

99 59.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 4.824 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

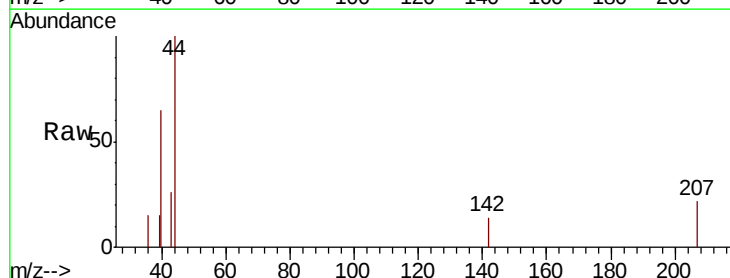
Tgt Ion:142 Resp: 62

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

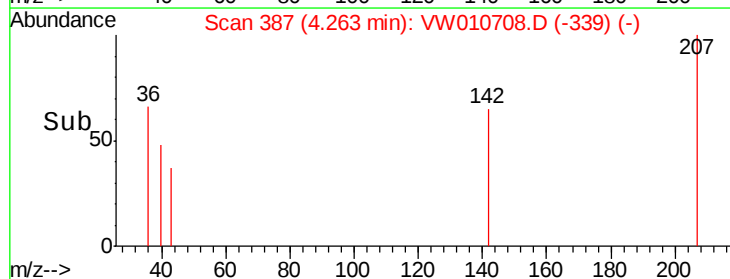
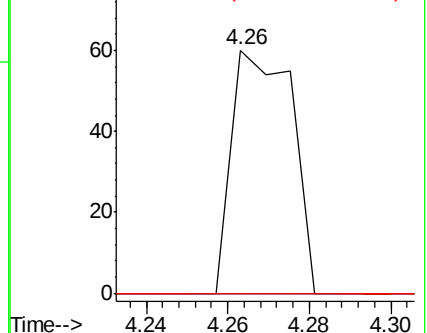
141 0.0 11.6 17.4#

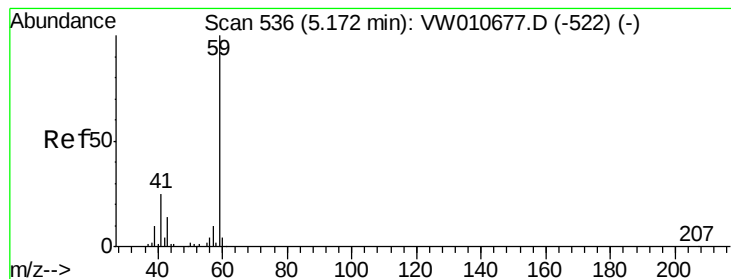


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



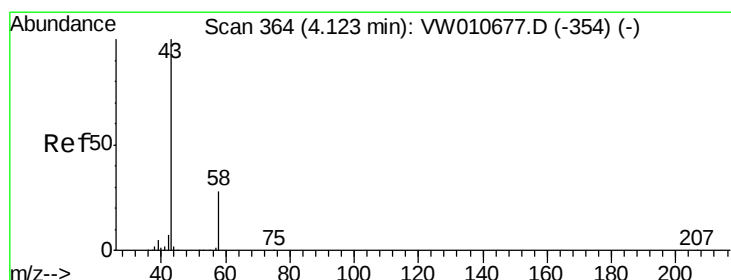
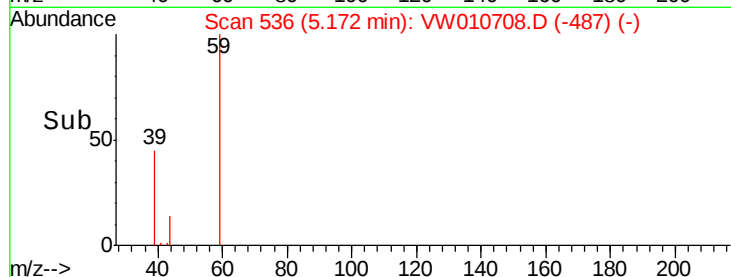
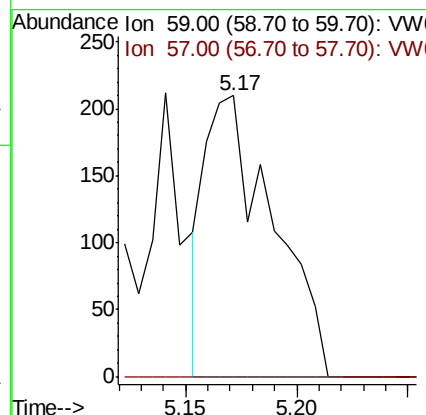
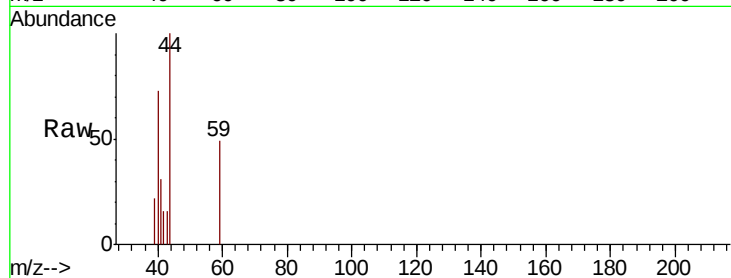


#11

Tert butyl alcohol
 Concen: 2.196 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW010708.D
 Acq: 06 Jun 2019 14:27

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200050

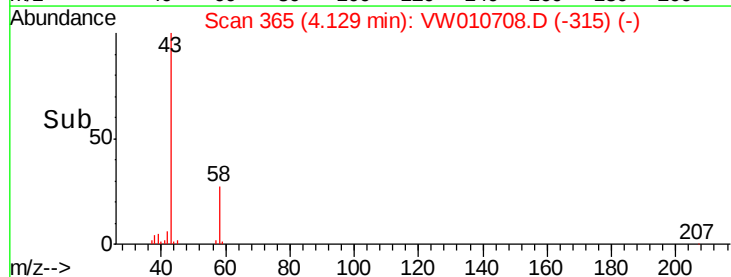
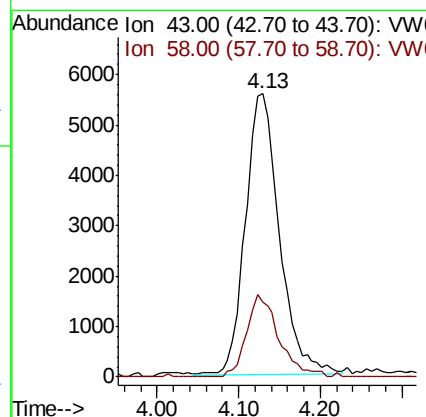
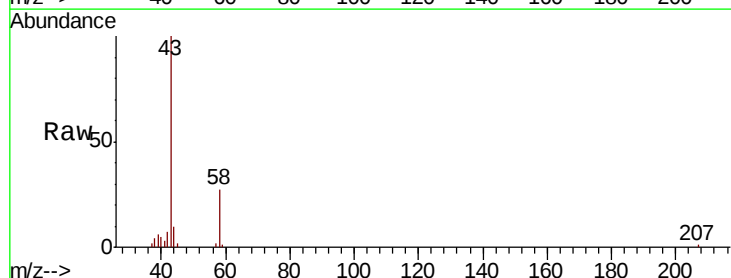
Tot Ion: 59 Resp: 441
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

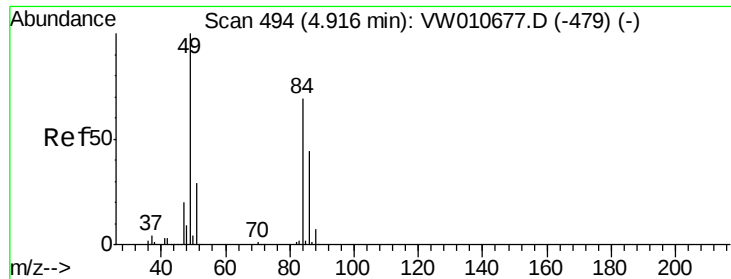


#16

Acetone
 Concen: 24.619 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW010708.D
 Acq: 06 Jun 2019 14:27

Tgt Ion: 43 Resp: 16260
 Ion Ratio Lower Upper
 43 100
 58 26.9 22.1 33.1

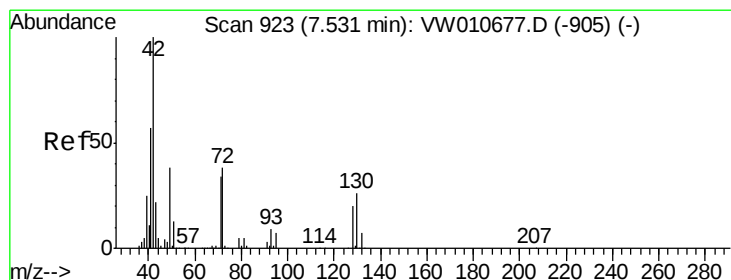
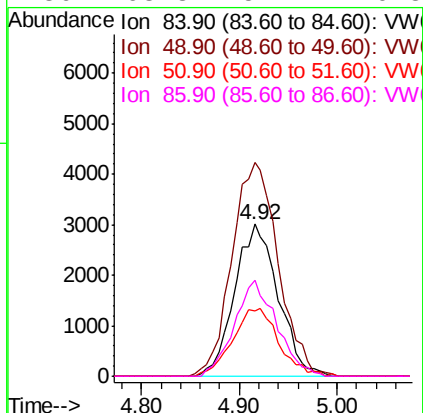
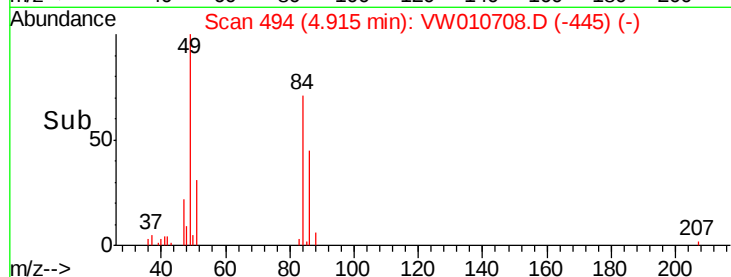
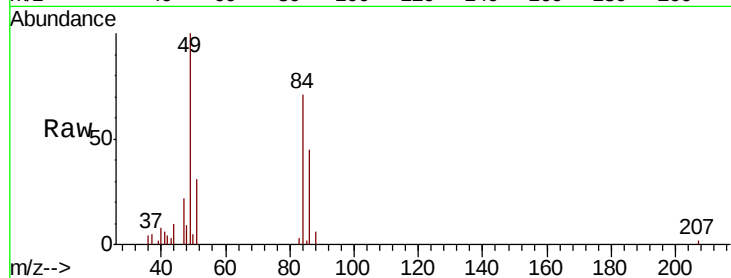




#20
Methvlene Chloride
Concen: 4.011 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

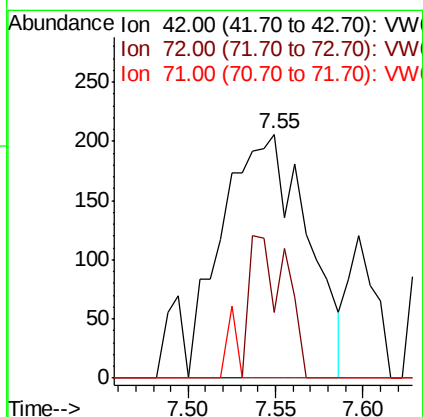
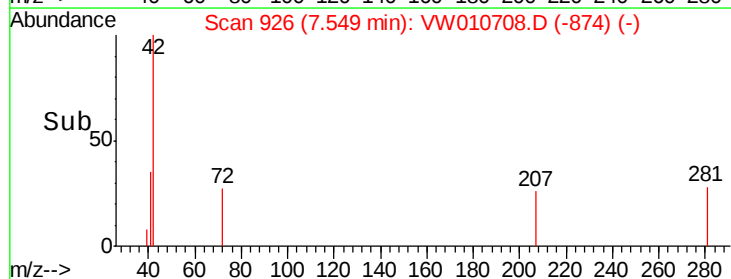
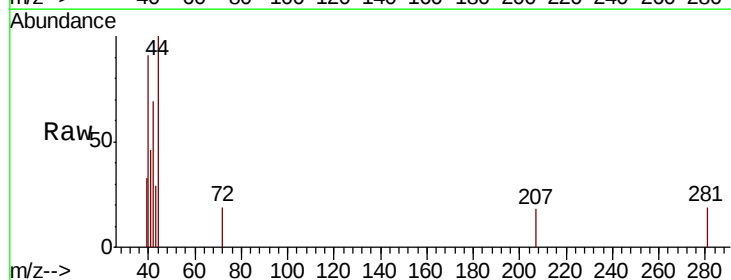
Instrument :
MSVOA_W
ClientSampled :
RBR-200050

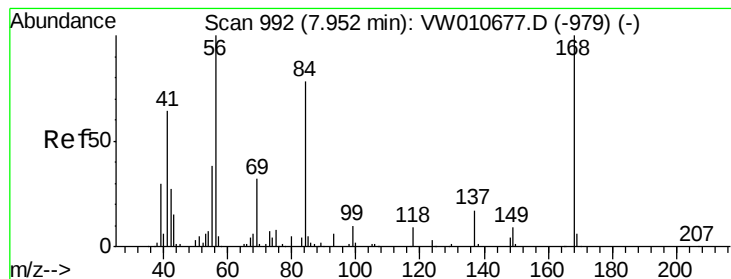
Tot Ion:	84	Resp:	9294
Ion	Ratio	Lower	Upper
84	100		
49	140.7	116.7	175.1
51	43.3	34.2	51.2
86	63.3	51.2	76.8



#29
Tetrahydrofuran
Concen: 1.208 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

Tgt Ion:	42	Resp:	696
Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.7	43.1#
71	0.0	26.6	39.8#





#31

Cyclohexane

Concen: 1.065 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampled :

RBR-200050

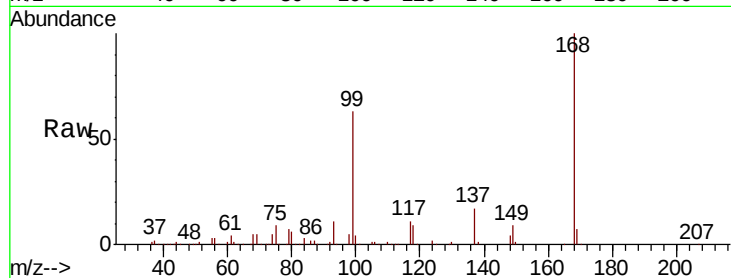
Tot Ion: 56 Resp: 5296

Ion Ratio Lower Upper

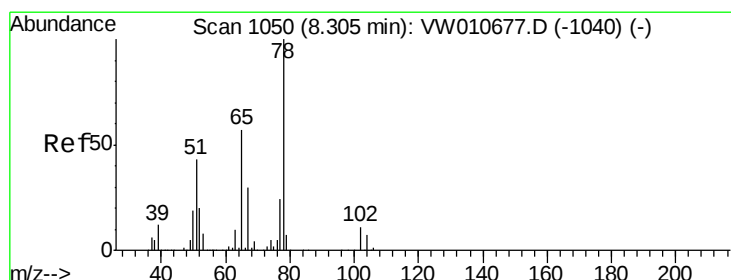
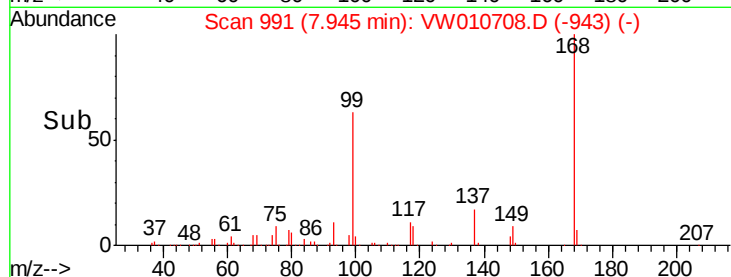
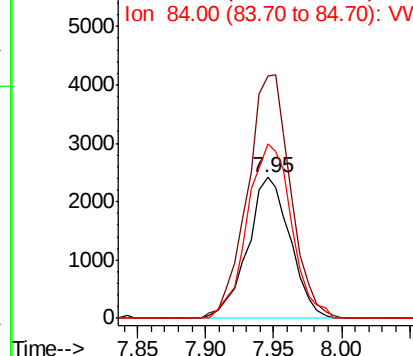
56 100

69 172.1 25.2 37.8#

84 124.2 62.2 93.2#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 59.992 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010708.D

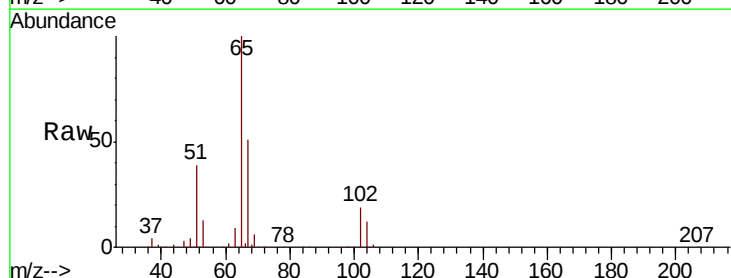
Acq: 06 Jun 2019 14:27

Tgt Ion: 65 Resp: 147873

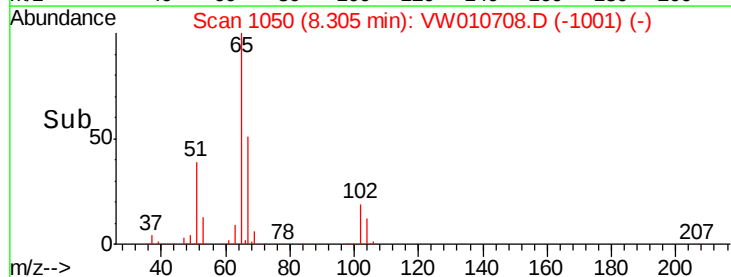
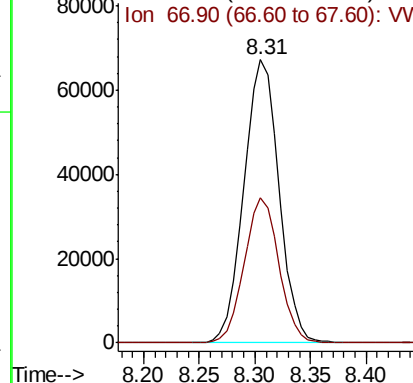
Ion Ratio Lower Upper

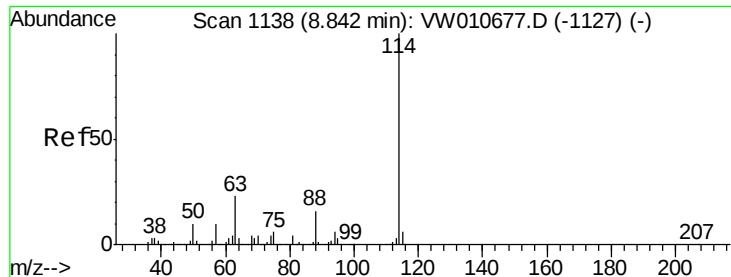
65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

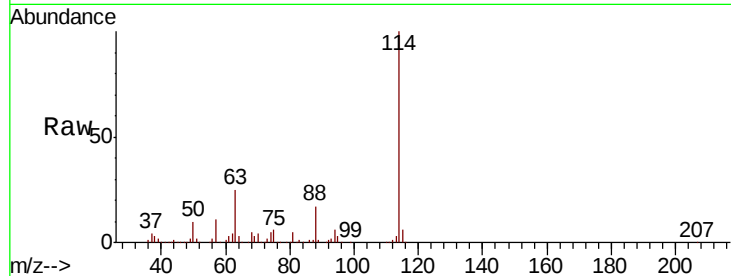




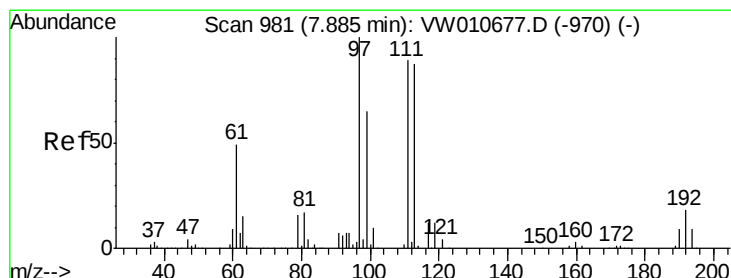
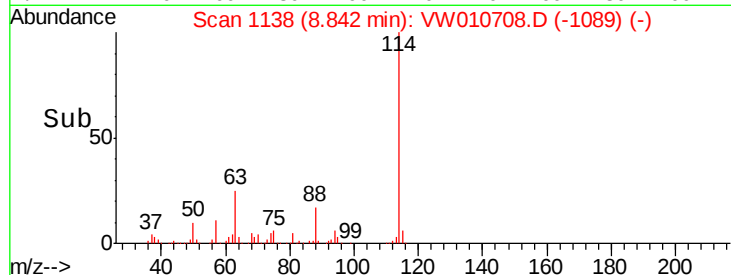
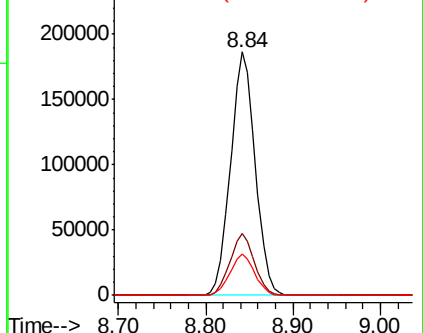
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

Instrument :
MSVOA_W
ClientSampleId :
RBR-200050

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	46.4
88	17.0	0.0	32.2

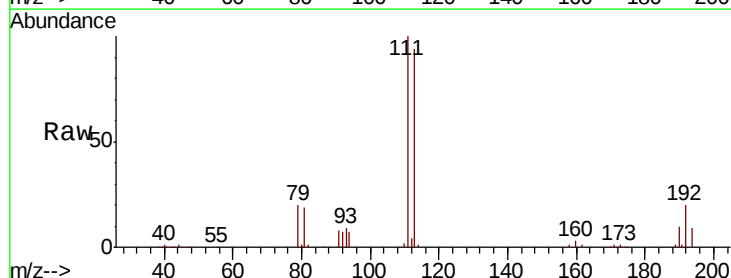


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

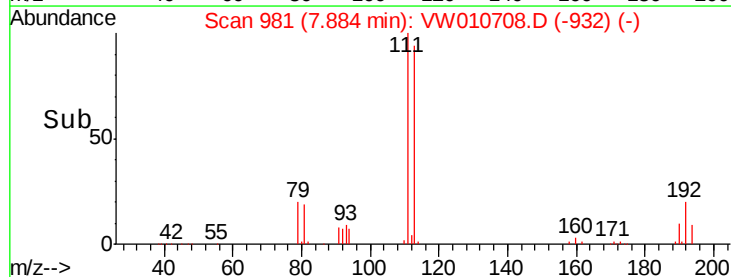
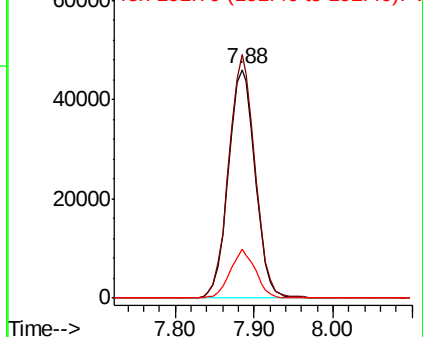


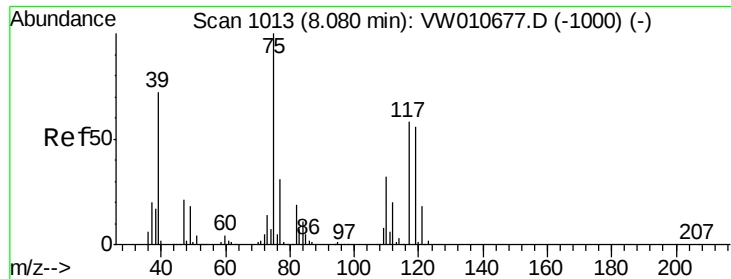
#35
Dibromofluoromethane
Concen: 54.931 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	20.1	16.4	24.6



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





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

RBR-200050

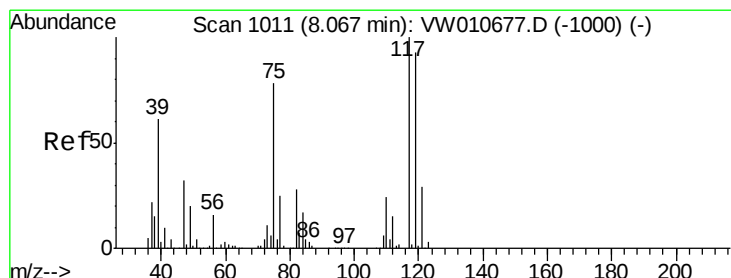
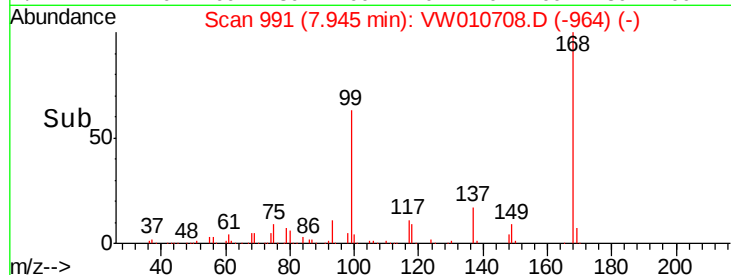
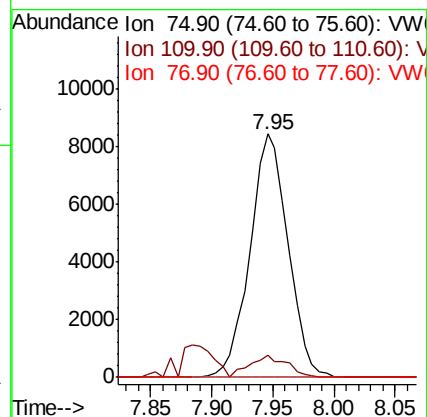
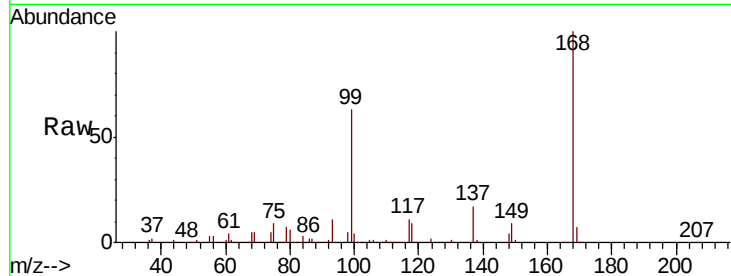
Tot Ion: 75 Resp: 18274

Ion Ratio Lower Upper

75 100

110 8.8 15.8 47.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.746 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

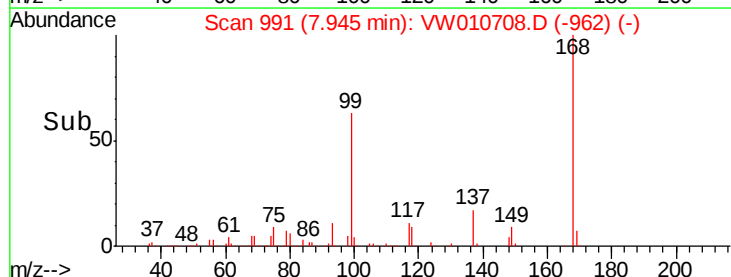
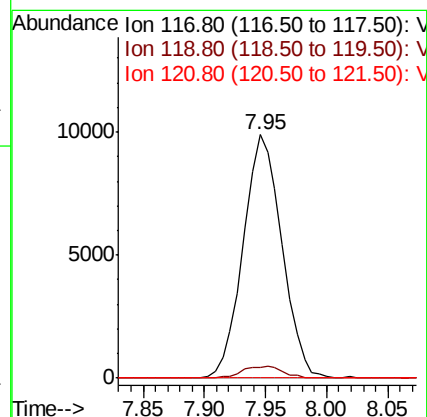
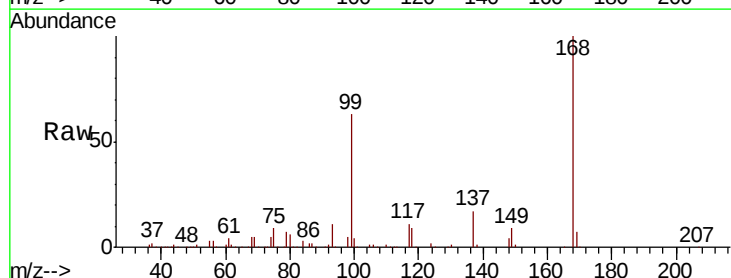
Tgt Ion: 117 Resp: 21724

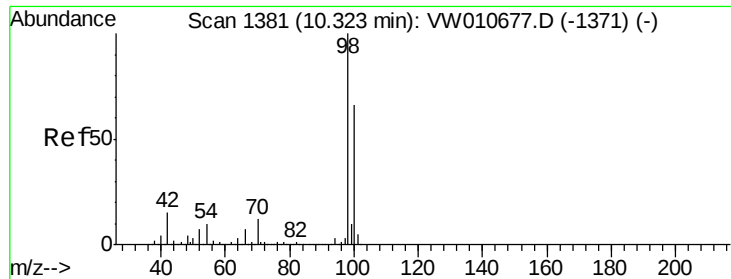
Ion Ratio Lower Upper

117 100

119 4.5 74.2 111.4#

121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 55.096 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

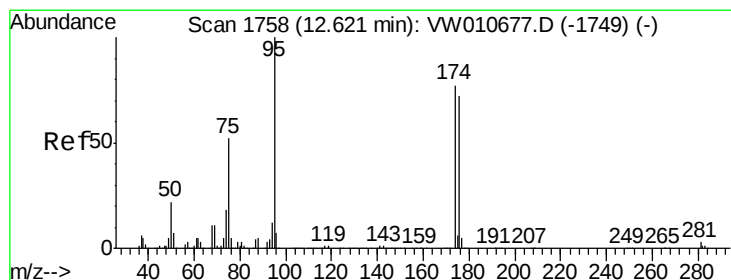
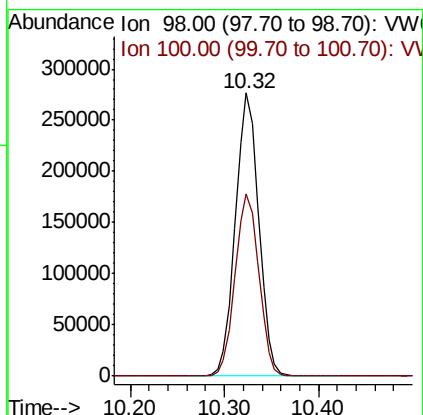
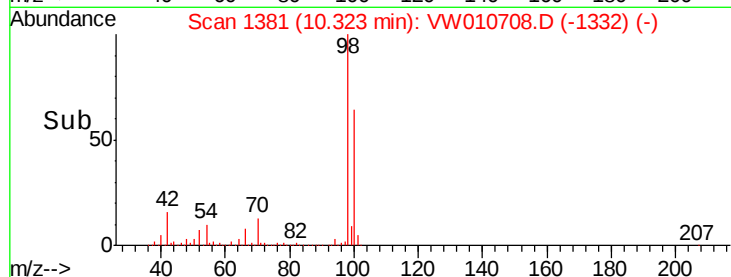
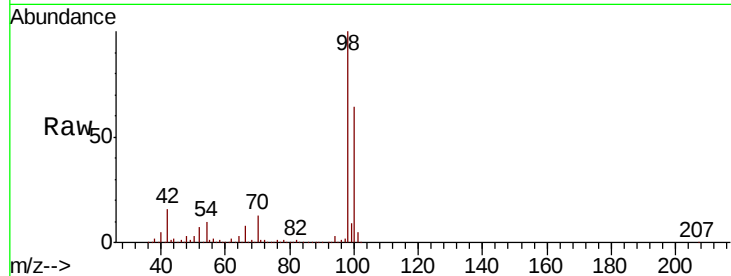
RBR-200050

Tot Ion: 98 Resp: 477906

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.538 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010708.D

Acq: 06 Jun 2019 14:27

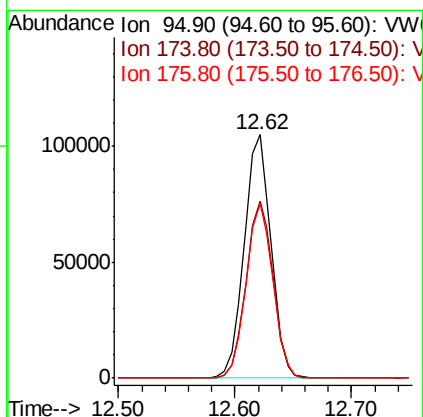
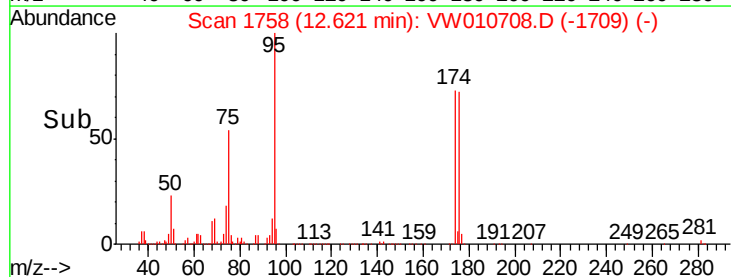
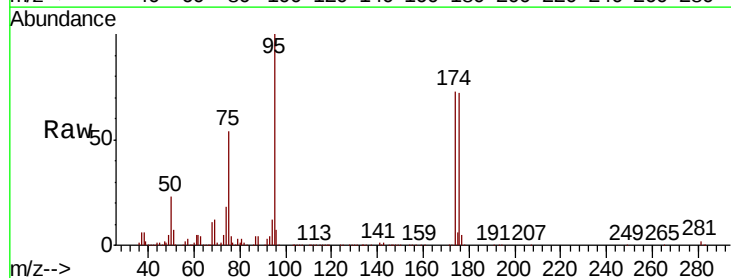
Tgt Ion: 95 Resp: 168985

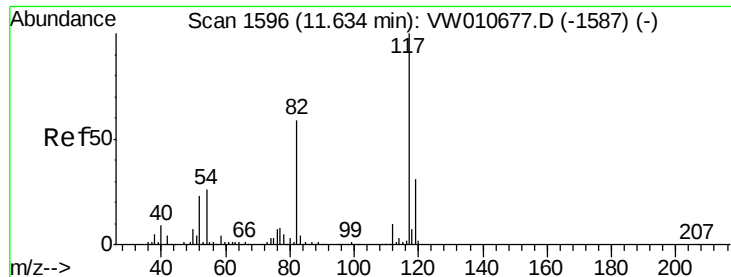
Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

176 71.6 0.0 144.8

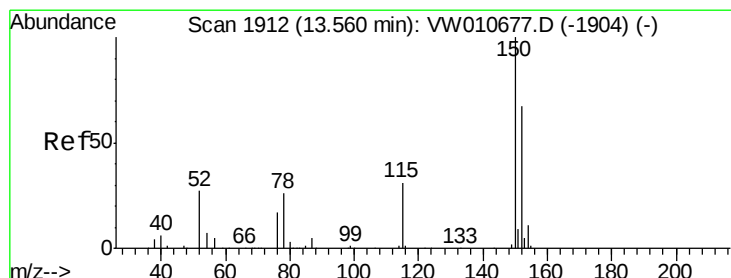
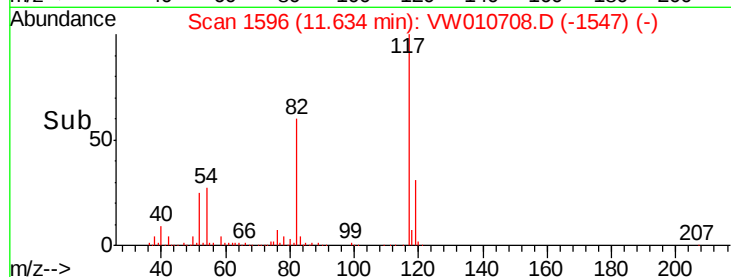
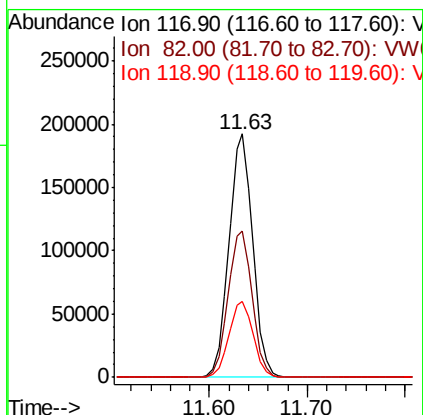
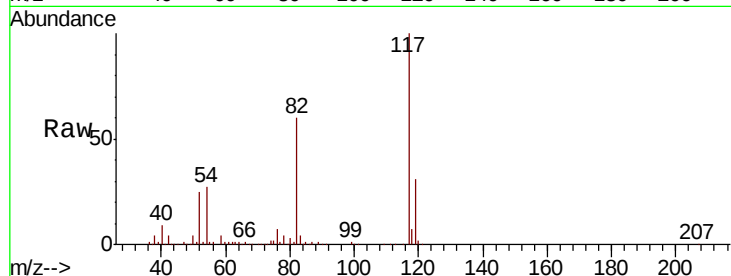




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

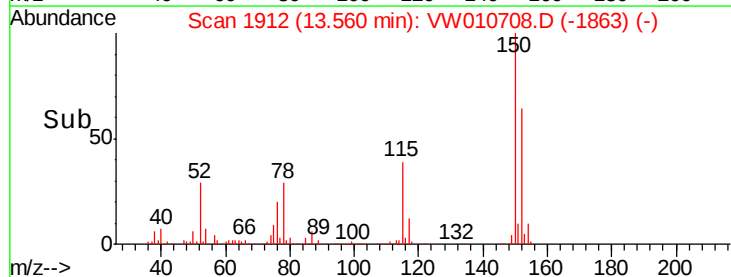
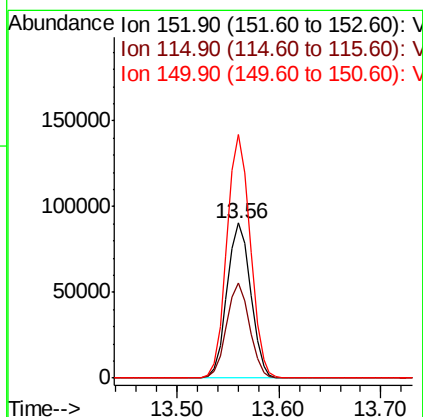
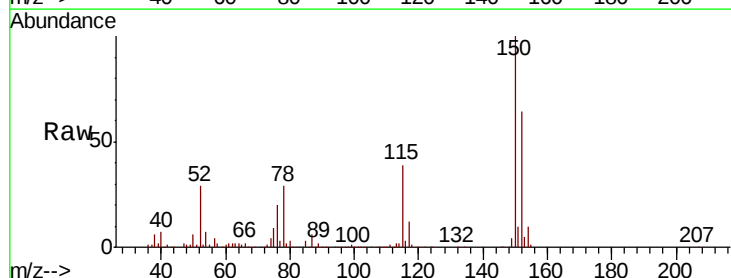
Instrument :
MSVOA_W
ClientSampleId :
RBR-200050

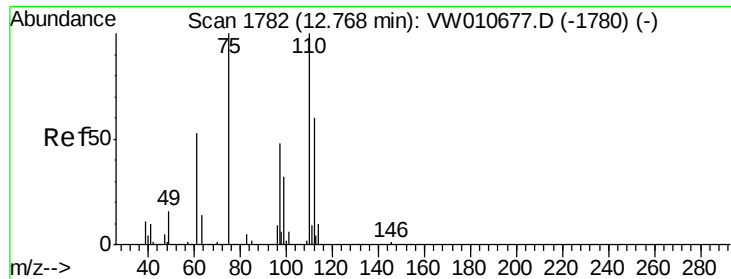
Tot Ion:117 Resp: 322587
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010708.D
Acq: 06 Jun 2019 14:27

Tgt Ion:152 Resp: 144622
Ion Ratio Lower Upper
152 100
115 59.6 29.8 89.3
150 155.5 0.0 345.0

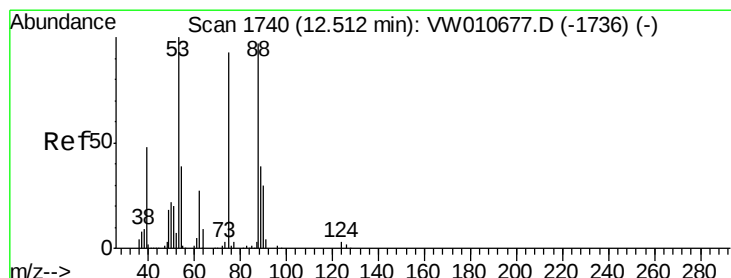
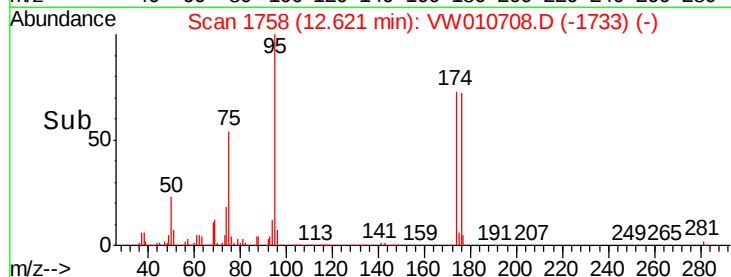
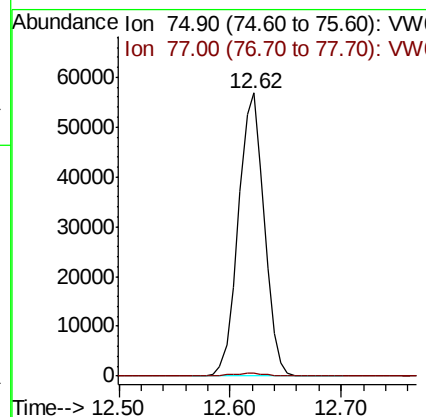
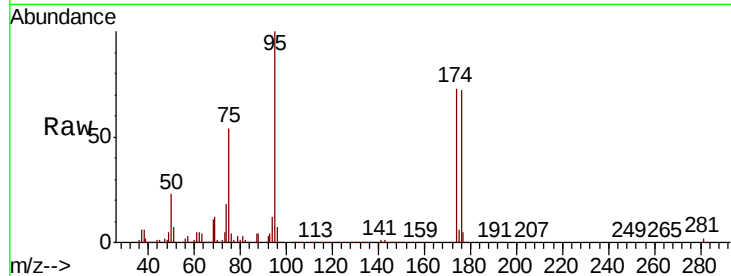




#76
 1,2,3-Trichloropropane
 Concen: 60.053 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010708.D
 Acq: 06 Jun 2019 14:27

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200050

Tot Ion: 75 Resp: 91204
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.021 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010708.D
 Acq: 06 Jun 2019 14:27

Tgt Ion: 75 Resp: 91204
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 34.6 52.0#

