

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010707.D
 Acq On : 06 Jun 2019 13:59
 Operator : SY/VA
 Sample : K3211-01
 Misc : 7.34G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-20002

Quant Time: Jun 07 07:38:57 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	210188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134605	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	145535	58.74	ug/l	0.00
Spiked Amount			Recovery	=	117.48%	
35) Dibromofluoromethane	7.88	113	106766	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
50) Toluene-d8	10.32	98	474840	54.77	ug/l	0.00
Spiked Amount			Recovery	=	109.54%	
62) 4-Bromofluorobenzene	12.62	95	163068	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	

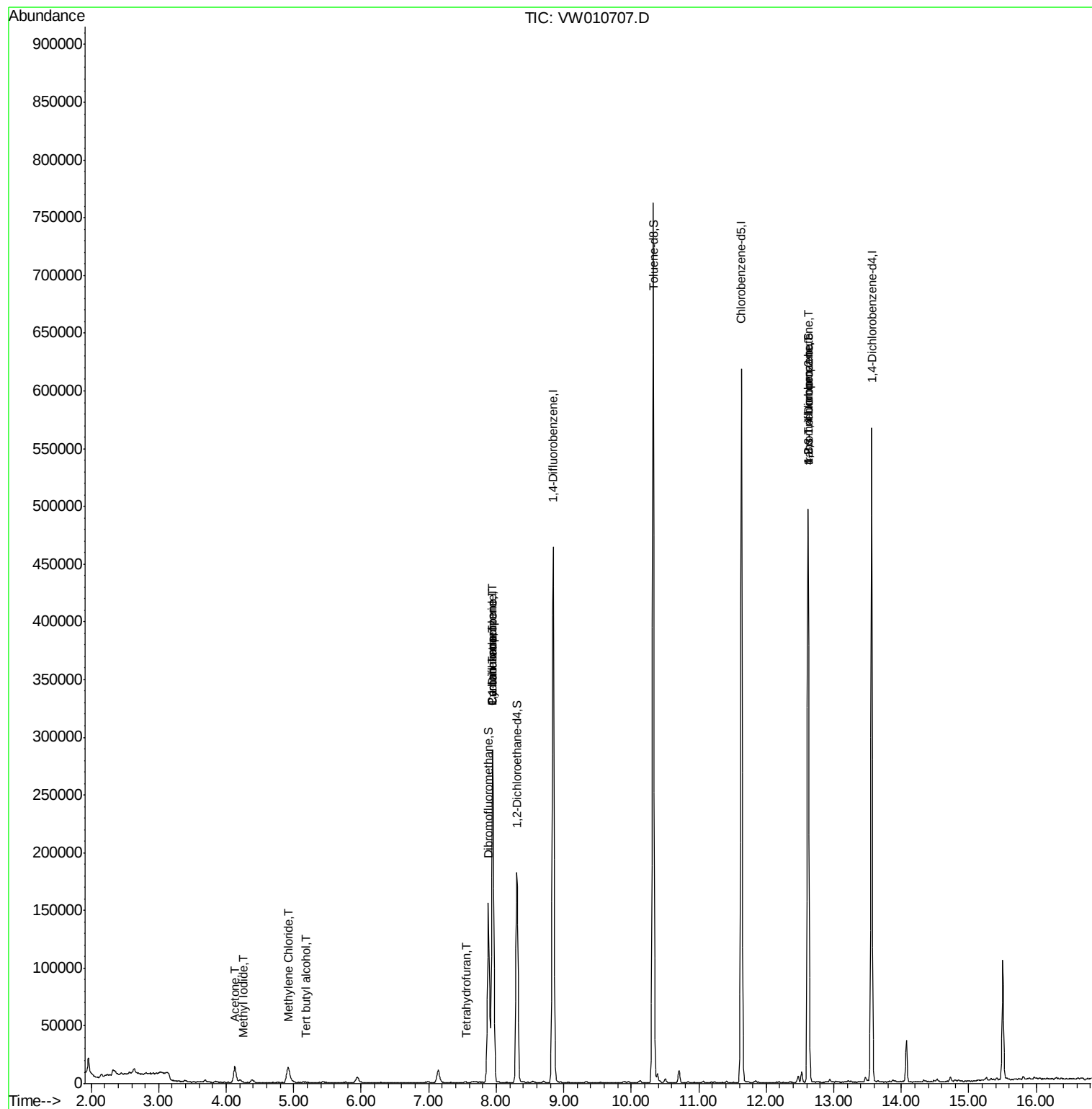
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	20	4.807	ug/l #	41
11) Tert butyl alcohol	5.17	59	350	1.734	ug/l #	72
16) Acetone	4.12	43	24991	37.647	ug/l	97
20) Methylene Chloride	4.92	84	9064	3.892	ug/l	95
29) Tetrahydrofuran	7.56	42	811	1.401	ug/l #	54
31) Cyclohexane	7.95	56	5875	1.175	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	18658	5.004	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22283	6.922	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	88893	62.887	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88893	144.535	ug/l #	5

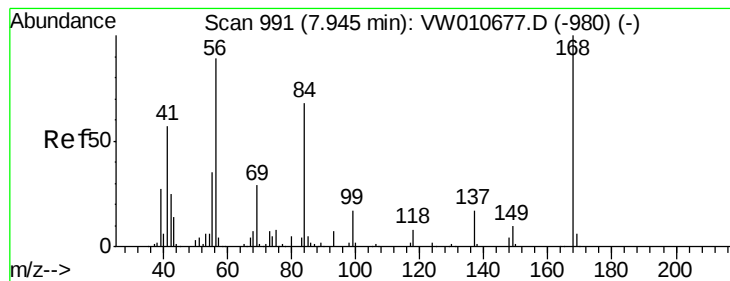
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
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Quant Time: Jun 07 07:38:57 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: VW010707.D

Acq: 06 Jun 2019 13:59

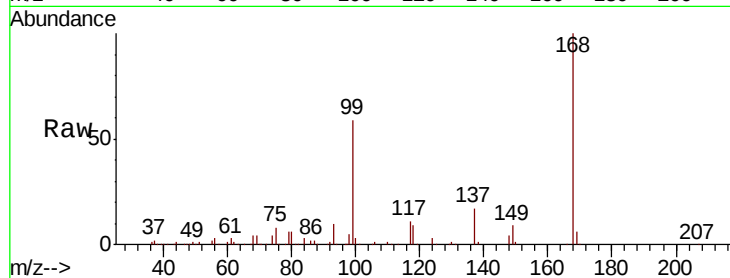
Instrument :
MSVOA_W
ClientSampled :
RBR-20002

Tot Ion:168 Resp: 210188

Ion Ratio Lower Upper

168 100

99 59.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

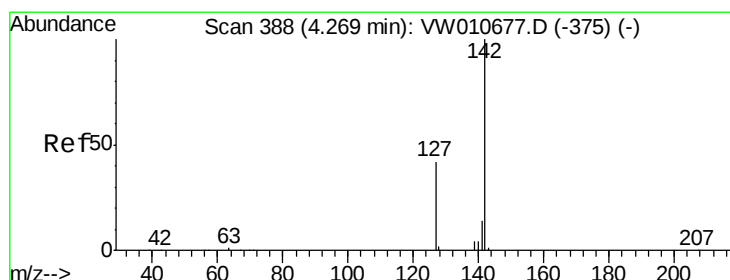
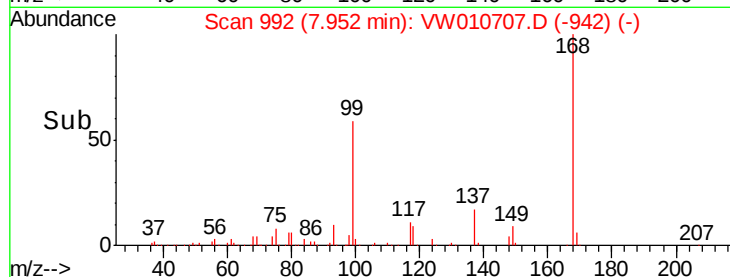
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.807 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW010707.D

Acq: 06 Jun 2019 13:59

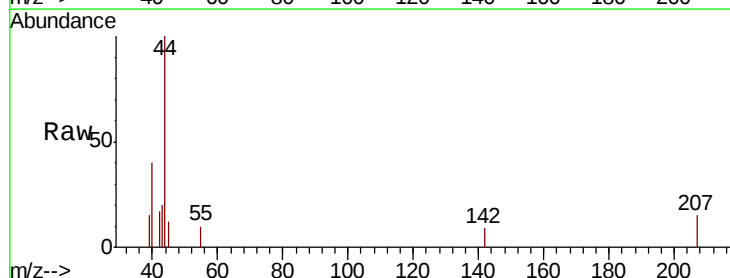
Tgt Ion:142 Resp: 20

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

4.26

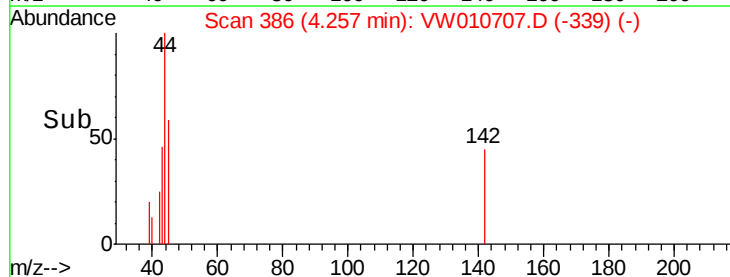
60

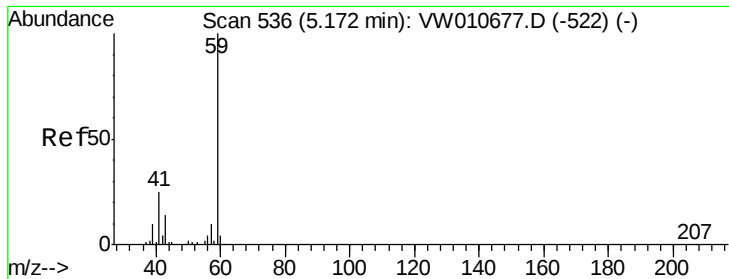
40

20

0

Time--> 4.24 4.25 4.26 4.27



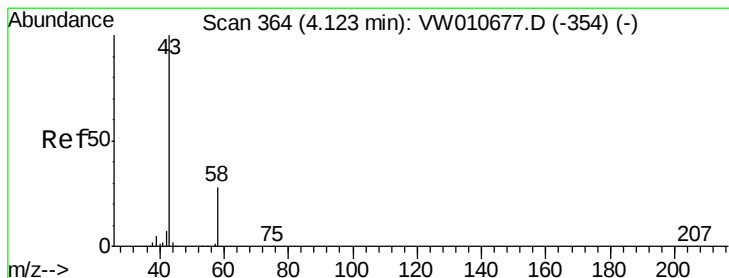
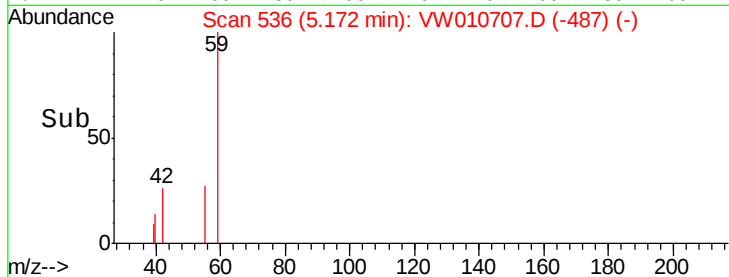
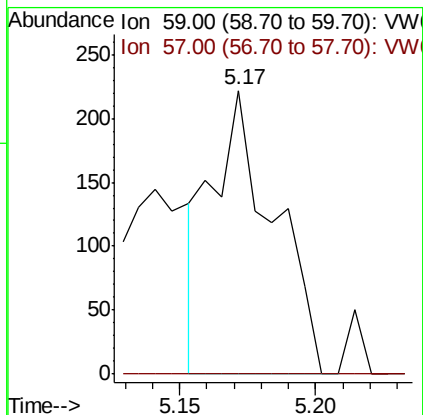
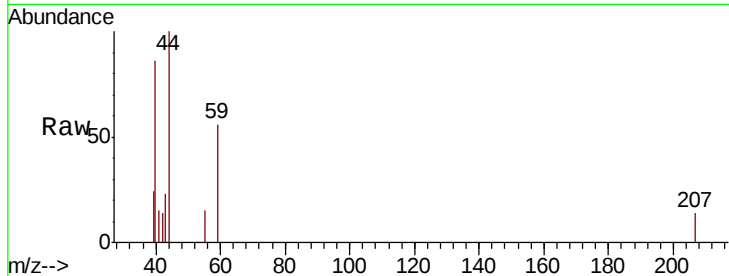


#11

Tert butyl alcohol
Concen: 1.734 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Instrument :
MSVOA_W
ClientSampled :
RBR-20002

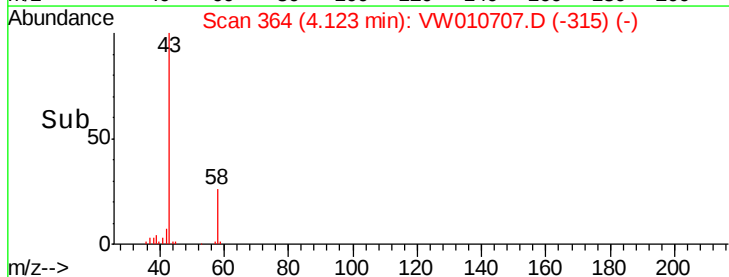
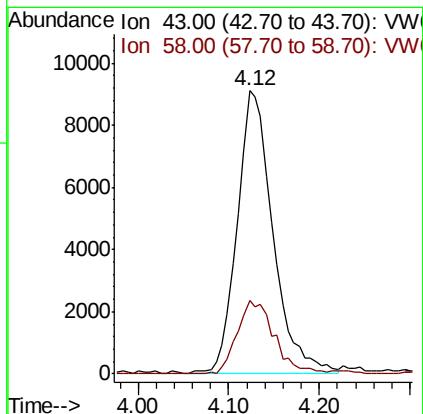
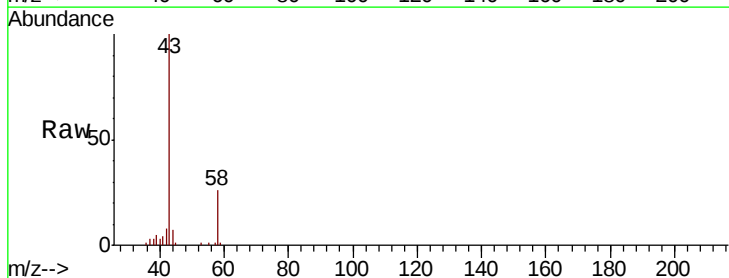
Tot Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

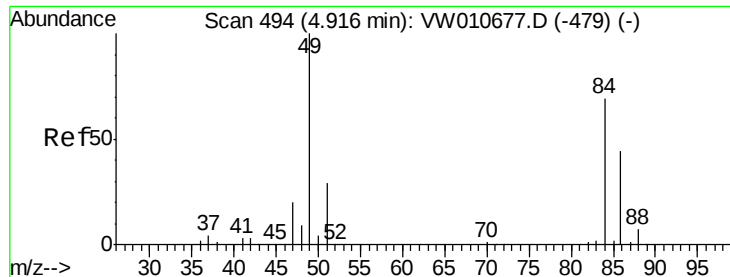


#16

Acetone
Concen: 37.647 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Tgt Ion: 43 Resp: 24991
Ion Ratio Lower Upper
43 100
58 25.9 22.1 33.1

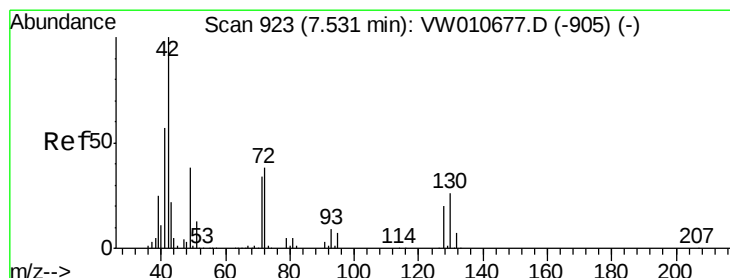
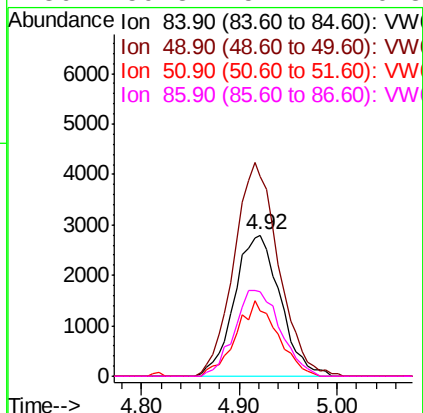
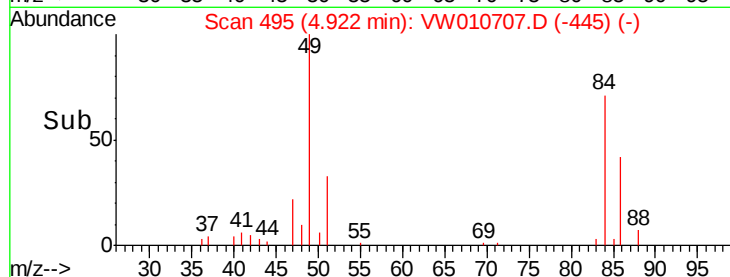
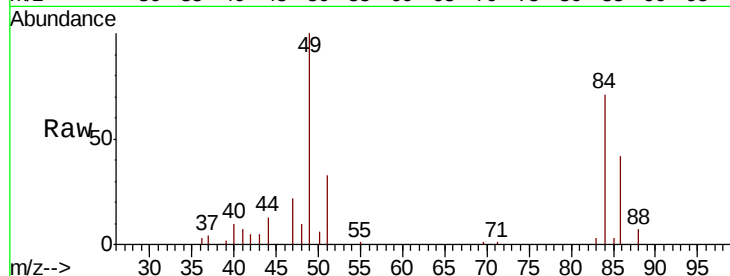




#20
Methvlene Chloride
Concen: 3.892 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

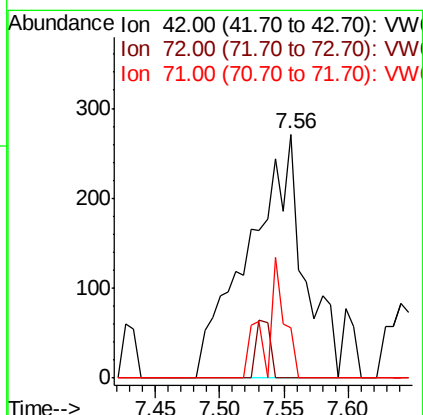
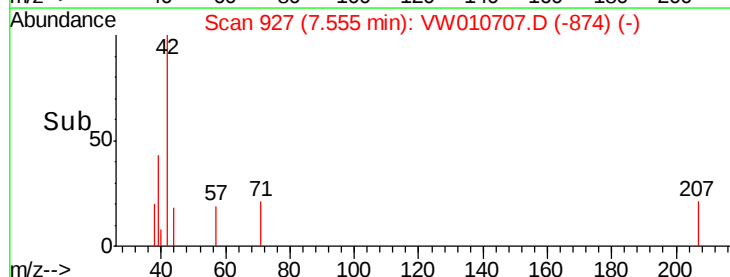
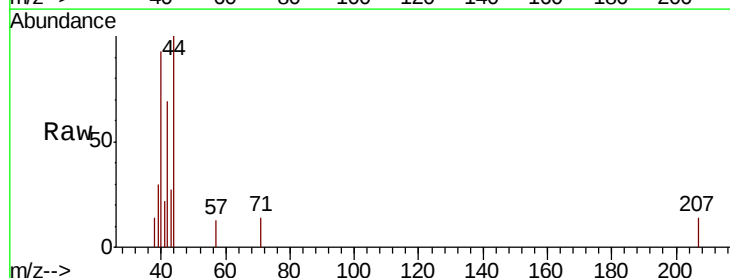
Instrument :
MSVOA_W
ClientSampleId :
RBR-20002

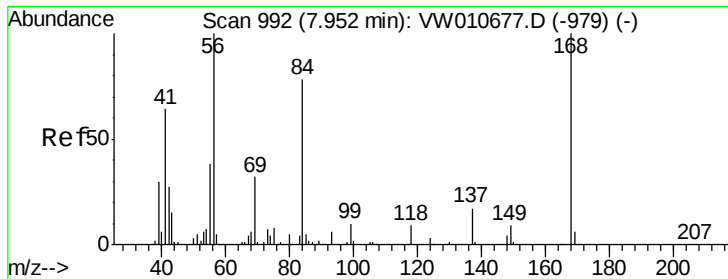
Tot Ion: 84 Resp: 9064
Ion Ratio Lower Upper
84 100
49 141.0 116.7 175.1
51 46.2 34.2 51.2
86 59.8 51.2 76.8



#29
Tetrahydrofuran
Concen: 1.401 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.02 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Tgt Ion: 42 Resp: 811
Ion Ratio Lower Upper
42 100
72 0.0 28.7 43.1#
71 16.8 26.6 39.8#

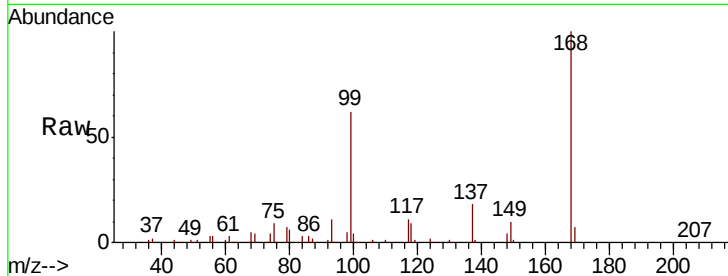




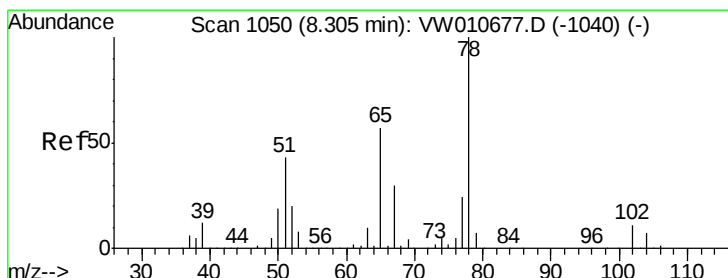
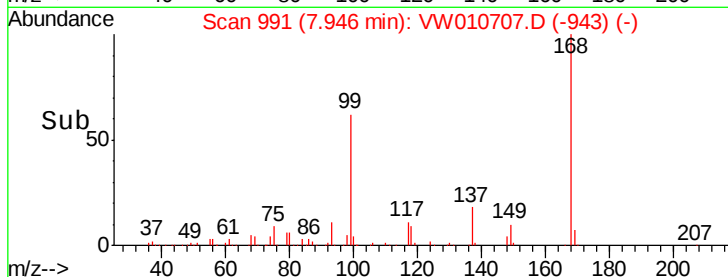
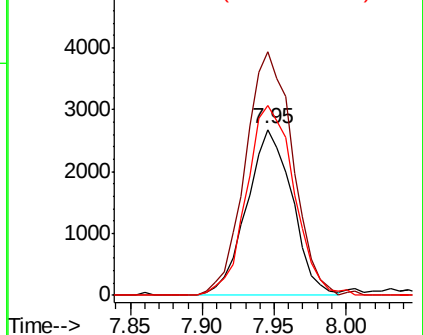
#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Instrument :
MSVOA_W
ClientSampled :
RBR-20002

Tot Ion: 56 Resp: 5875
Ion Ratio Lower Upper
56 100
69 146.6 25.2 37.8#
84 114.6 62.2 93.2#

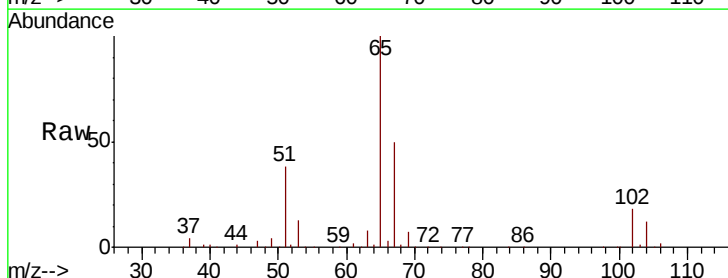


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

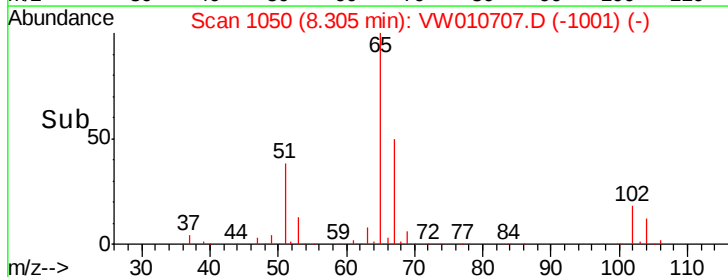
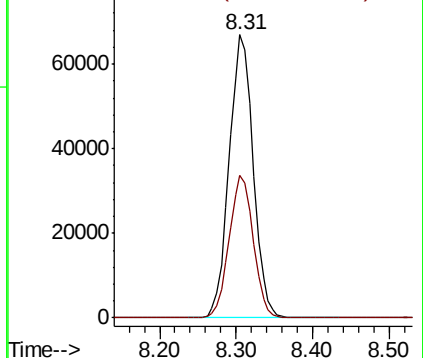


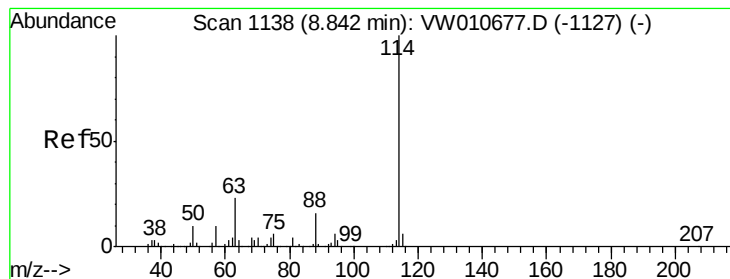
#33
1,2-Dichloroethane-d4
Concen: 58.745 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Tgt Ion: 65 Resp: 145535
Ion Ratio Lower Upper
65 100
67 50.4 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: VW010707.D

Acq: 06 Jun 2019 13:59

Instrument :

MSVOA_W

ClientSampleId :

RBR-20002

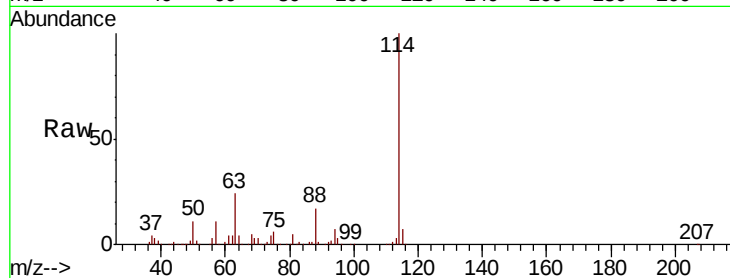
Tot Ion:114 Resp: 364283

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.4

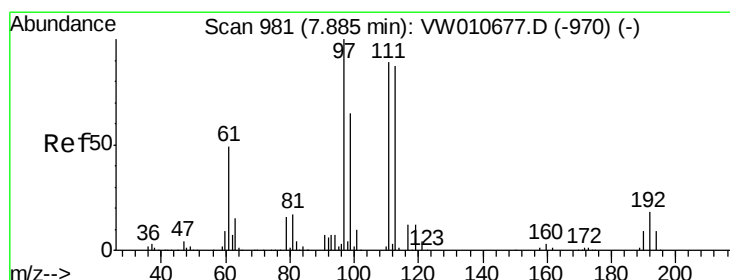
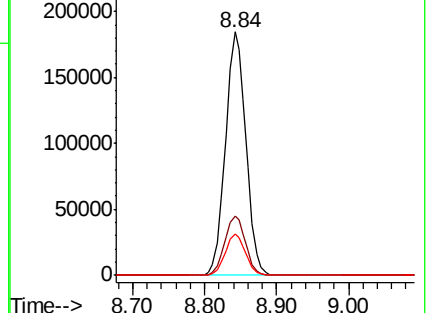
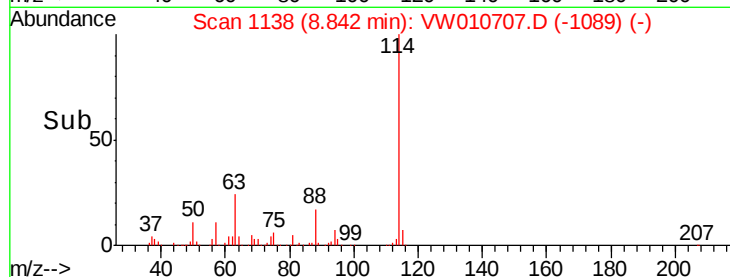
88 17.1 0.0 32.2



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: 53.997 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010707.D

Acq: 06 Jun 2019 13:59

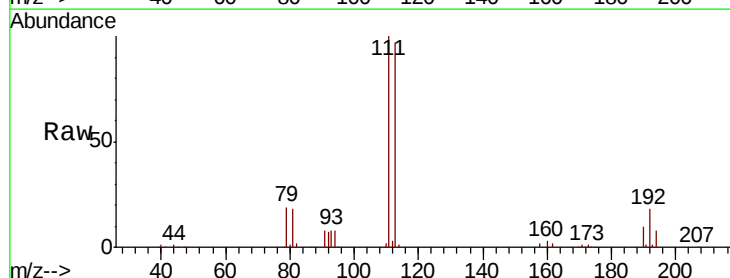
Tgt Ion:113 Resp: 106766

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

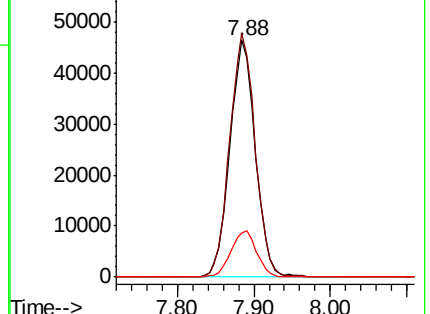
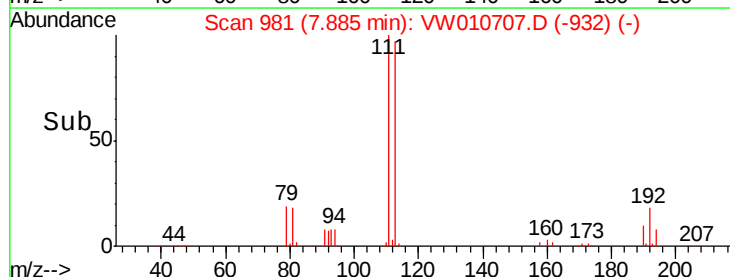
192 19.7 16.4 24.6

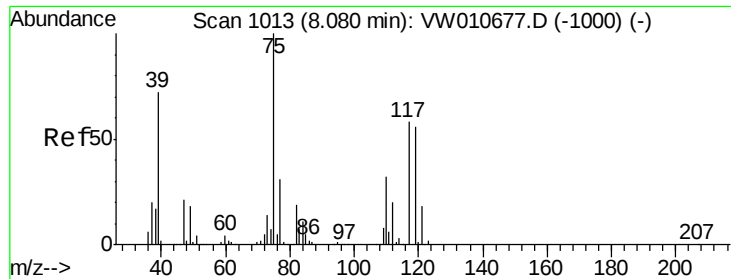


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

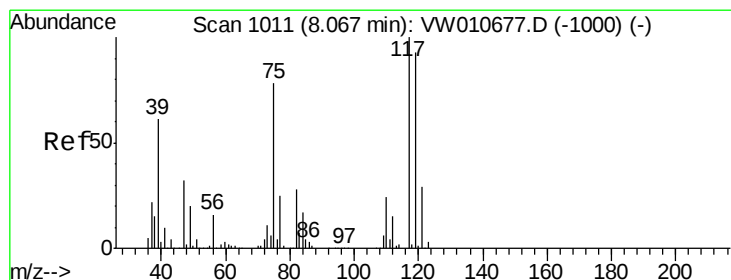
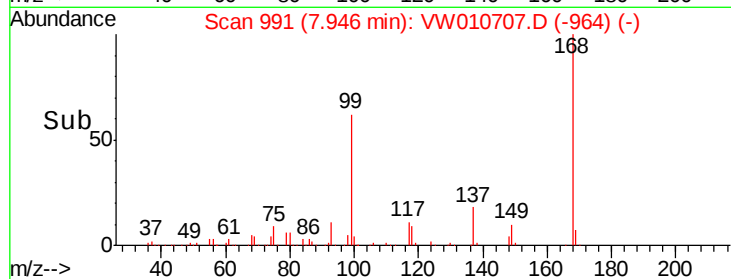
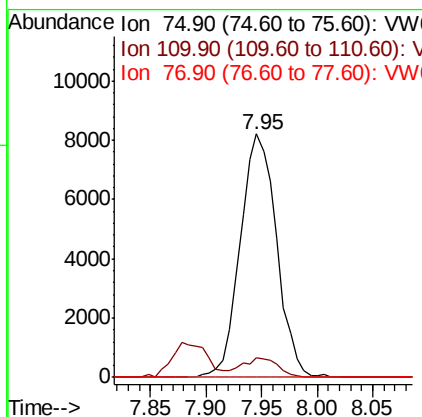
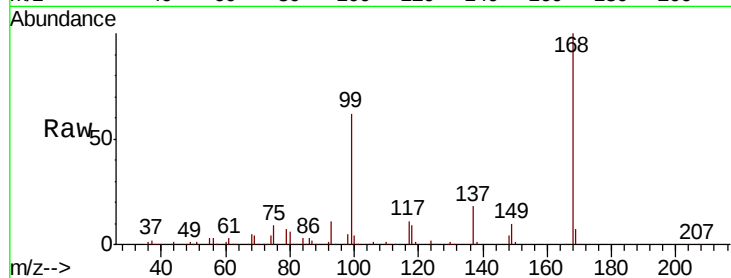




#36
 1,1-Dichloropropene
 Concen: 5.004 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010707.D
 Acq: 06 Jun 2019 13:59

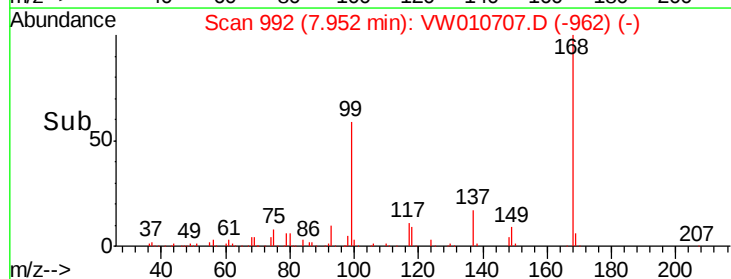
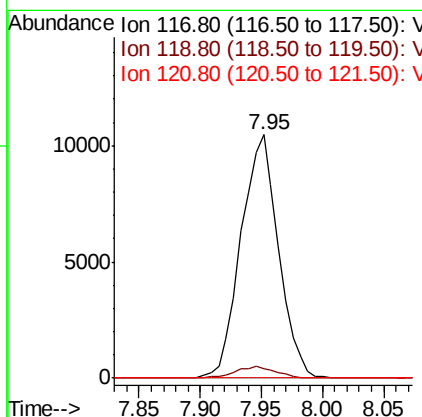
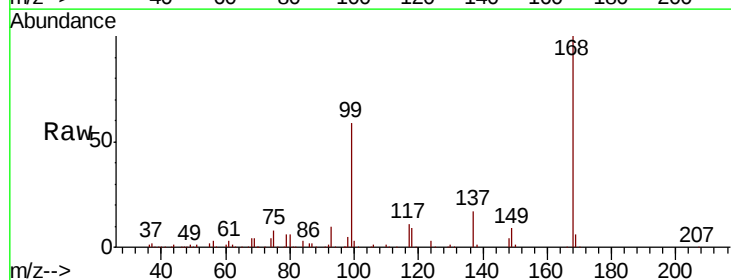
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-20002

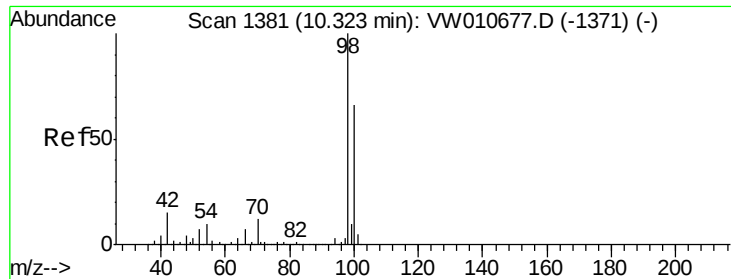
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.8	47.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.922 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010707.D
 Acq: 06 Jun 2019 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	74.2	111.4#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 54.765 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010707.D

Acq: 06 Jun 2019 13:59

Instrument :

MSVOA_W

ClientSampleId :

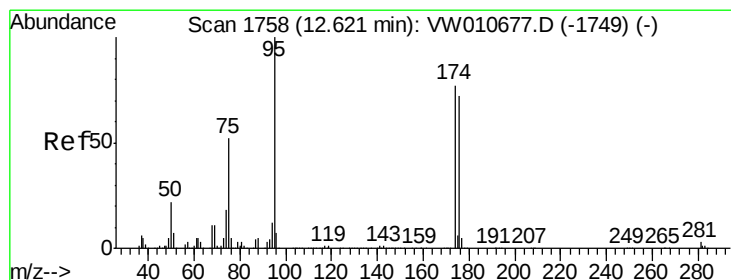
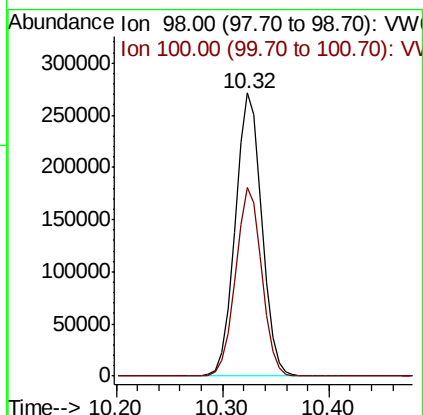
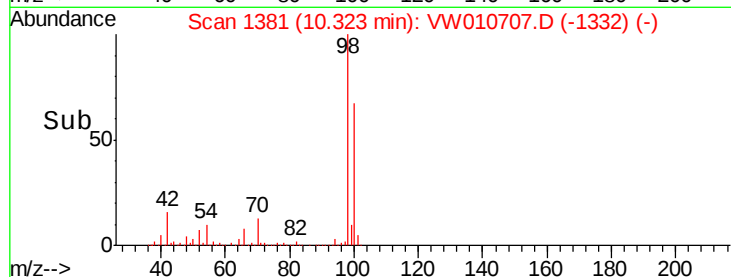
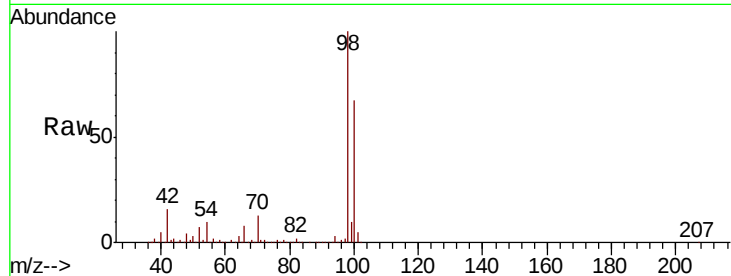
RBR-20002

Tot Ion: 98 Resp: 474840

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.684 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010707.D

Acq: 06 Jun 2019 13:59

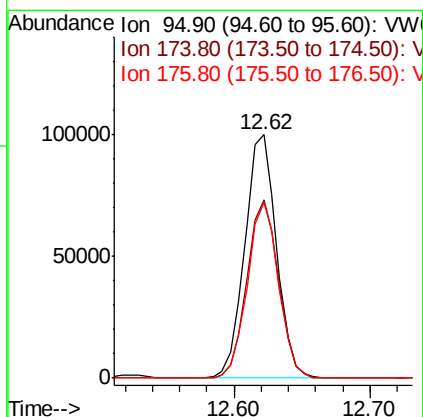
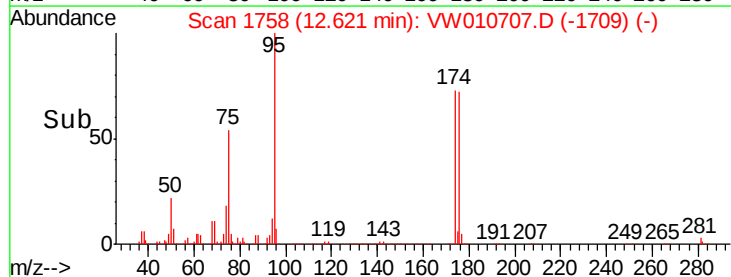
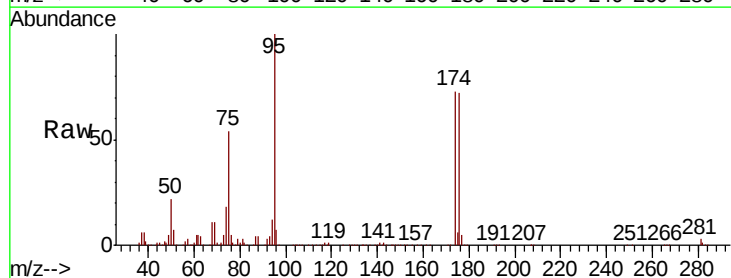
Tgt Ion: 95 Resp: 163068

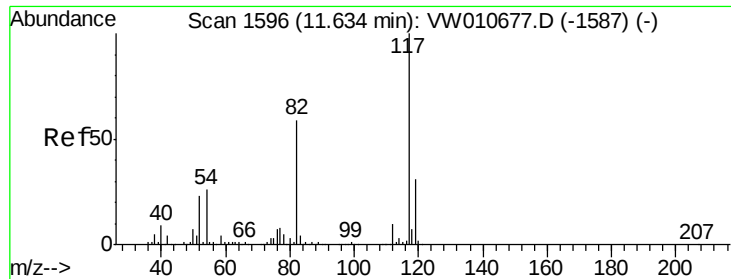
Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

176 71.3 0.0 144.8

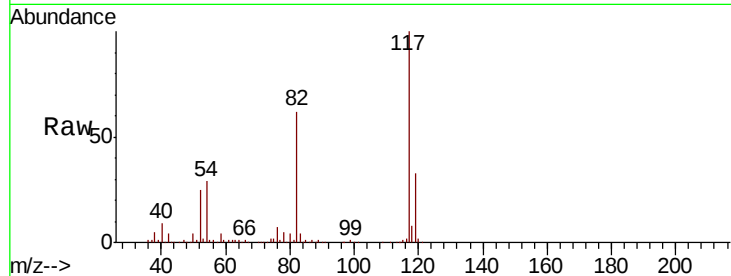




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Instrument :
MSVOA_W
ClientSampleId :
RBR-20002

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.0	70.4
119	33.0	25.1	37.7

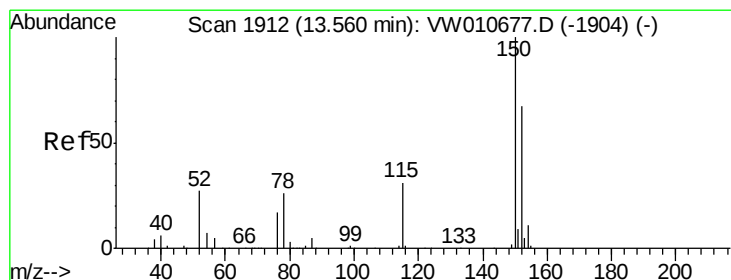
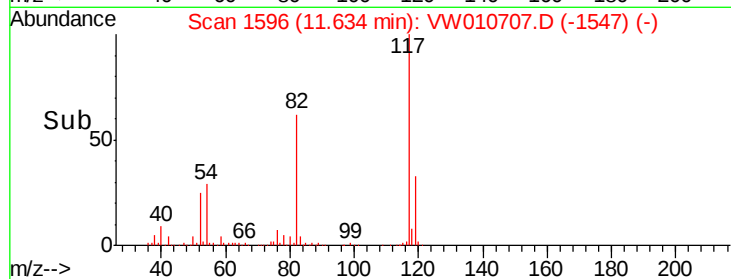
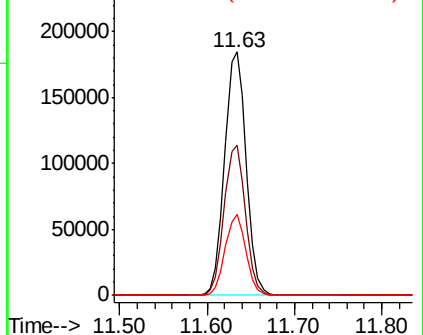


Abundance

Ion 116.90 (116.60 to 117.60): V

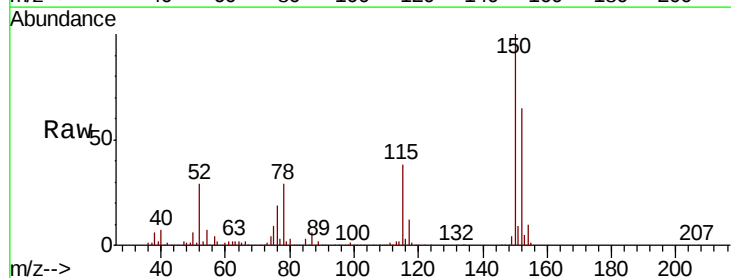
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010707.D
Acq: 06 Jun 2019 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.8	89.3
150	156.8	0.0	345.0

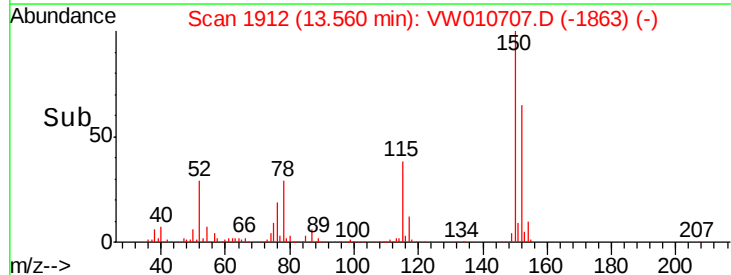
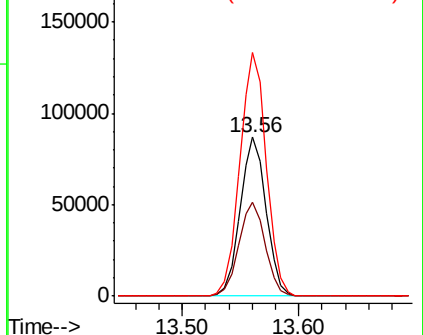


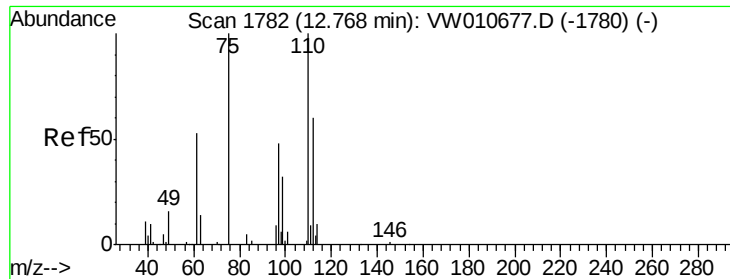
Abundance

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: 62.887 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010707.D

Acq: 06 Jun 2019 13:59

Instrument :

MSVOA_W

ClientSampled :

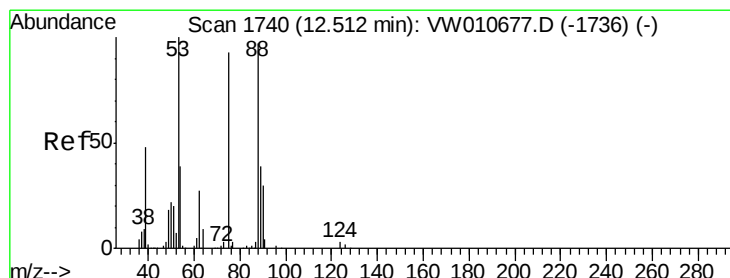
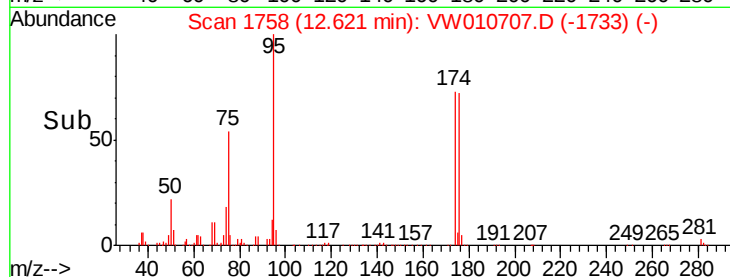
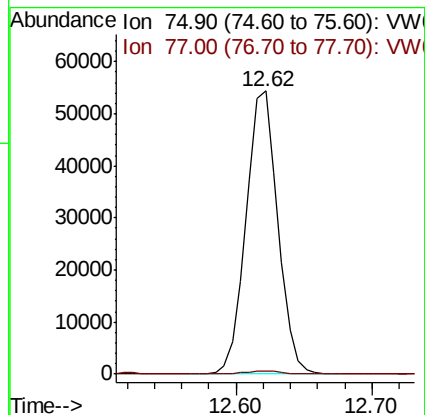
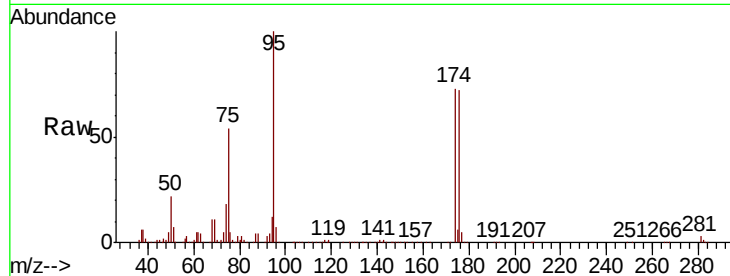
RBR-20002

Tot Ion: 75 Resp: 88893

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.535 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010707.D

Acq: 06 Jun 2019 13:59

Tgt Ion: 75 Resp: 88893

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

