

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010710.D
 Acq On : 06 Jun 2019 15:22
 Operator : SY/VA
 Sample : K3211-07
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Quant Time: Jun 07 07:39:20 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	210997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135544	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	146338	58.84	ug/l	0.00
Spiked Amount			Recovery	=	117.68%	
35) Dibromofluoromethane	7.88	113	109614	55.21	ug/l	0.00
Spiked Amount			Recovery	=	110.42%	
50) Toluene-d8	10.32	98	478897	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	
62) 4-Bromofluorobenzene	12.62	95	164003	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	

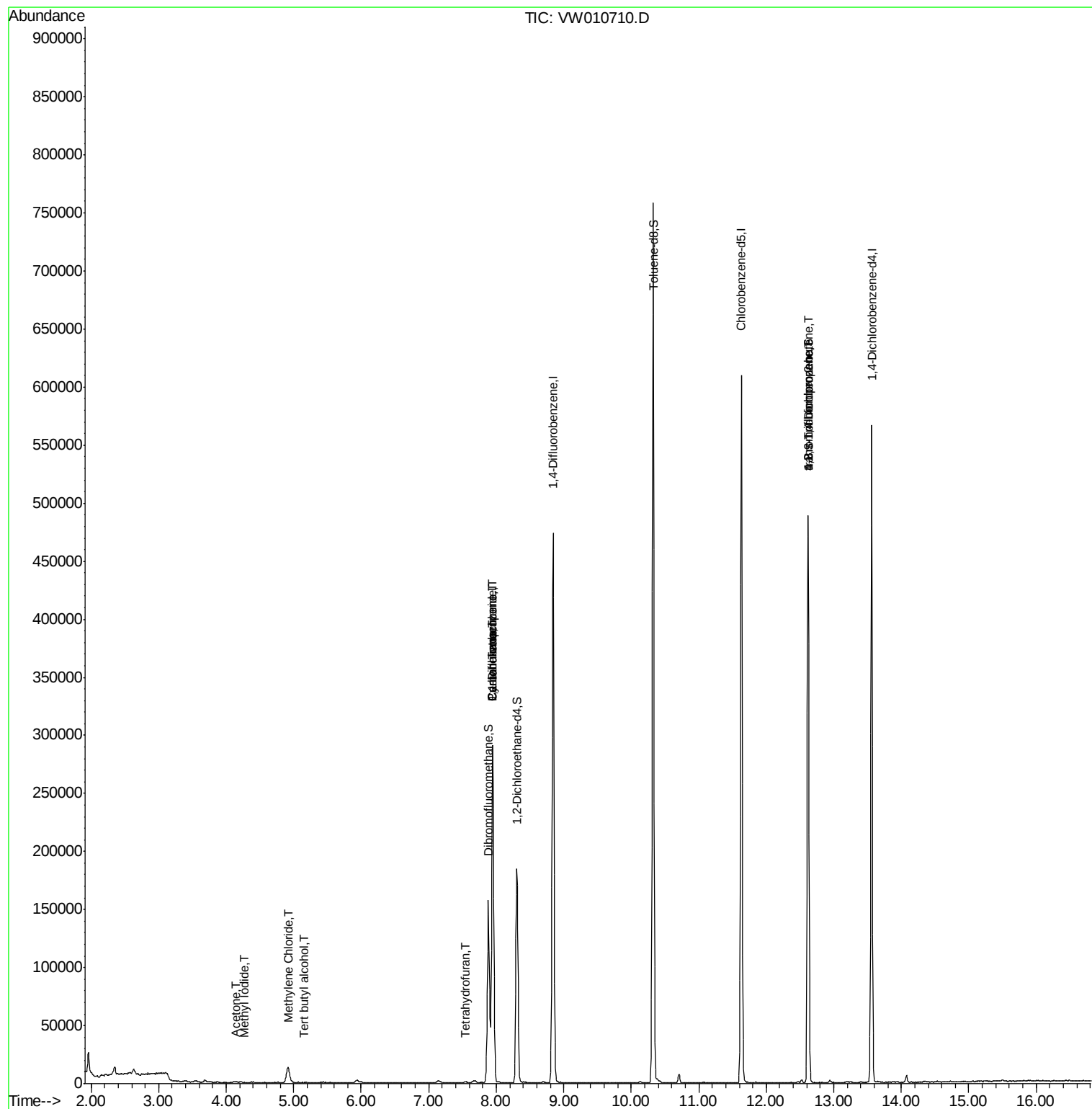
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	21	4.807	ug/l #	41
11) Tert butyl alcohol	5.16	59	269	1.328	ug/l #	90
16) Acetone	4.14	43	1958	2.938	ug/l #	79
20) Methylene Chloride	4.92	84	9630	4.119	ug/l #	96
29) Tetrahydrofuran	7.54	42	761	1.309	ug/l #	60
31) Cyclohexane	7.95	56	5679	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18502	4.941	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21211	6.562	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	89130	62.618	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89130	143.916	ug/l #	5

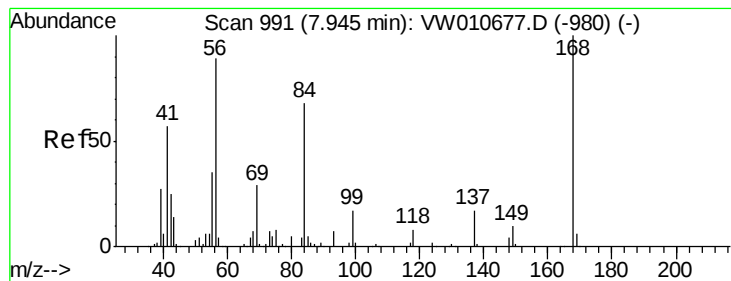
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
Data File : VW010710.D
Acq On : 06 Jun 2019 15:22
Operator : SY/VA
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Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

Quant Time: Jun 07 07:39:20 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: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

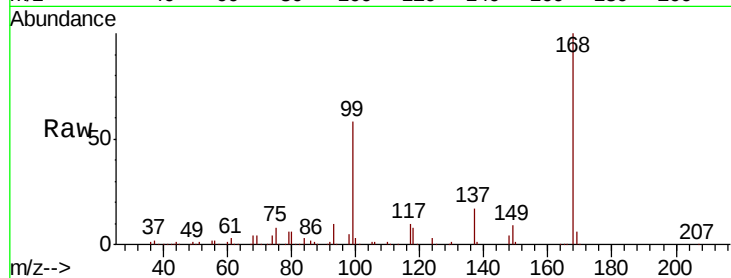
RBR-200052

Tot Ion:168 Resp: 210997

Ion Ratio Lower Upper

168 100

99 58.4 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

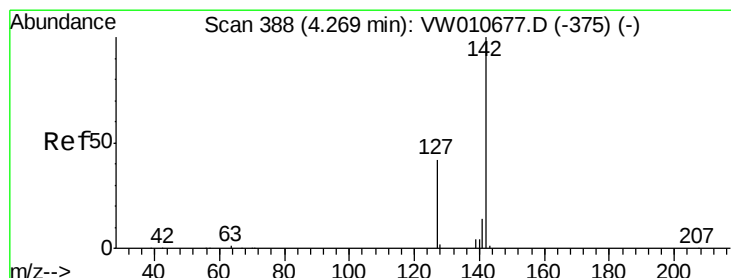
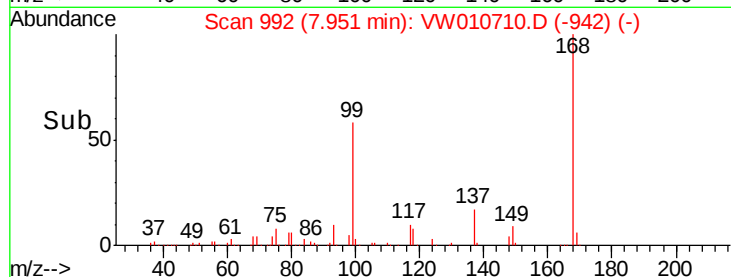
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.807 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

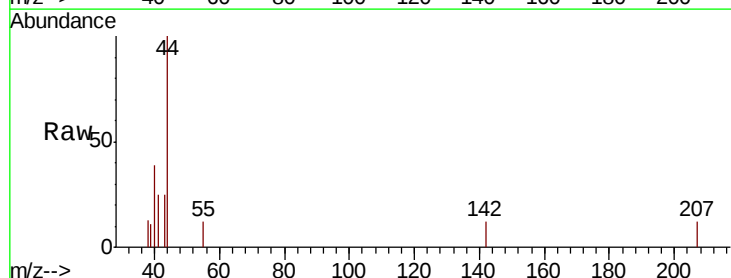
Tgt Ion:142 Resp: 21

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

4.28

80

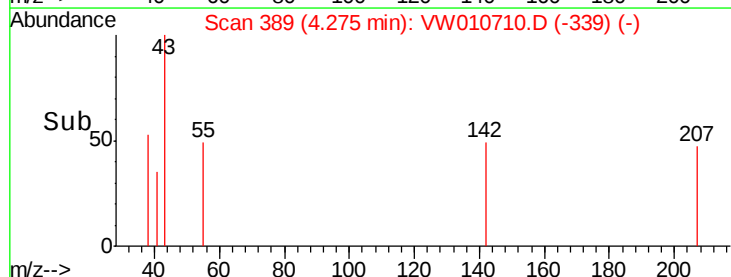
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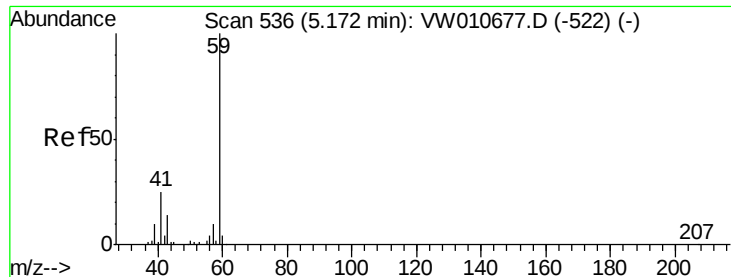
40

20

0

Time--> 4.26 4.27 4.28 4.29



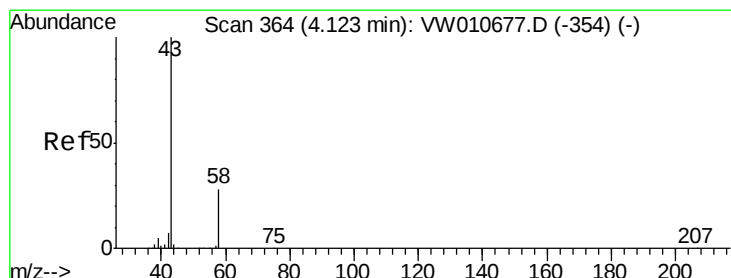
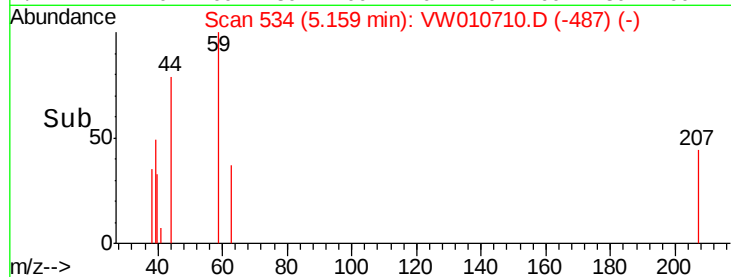
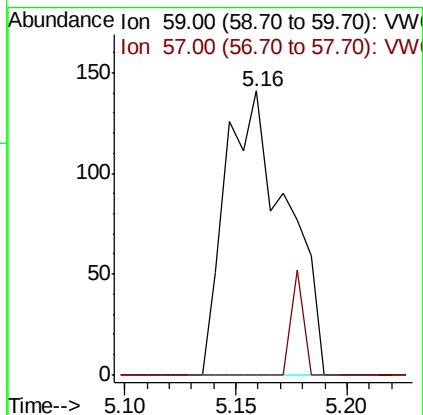
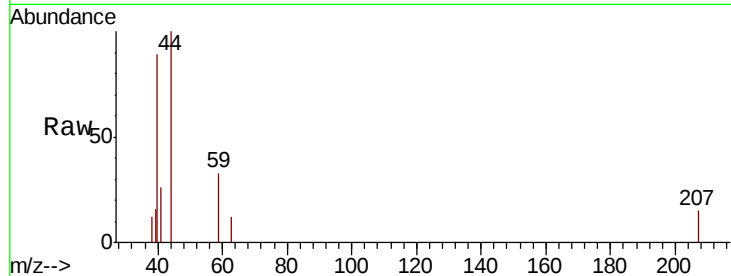


#11

Tert butyl alcohol
 Concen: 1.328 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW010710.D
 Acq: 06 Jun 2019 15:22

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200052

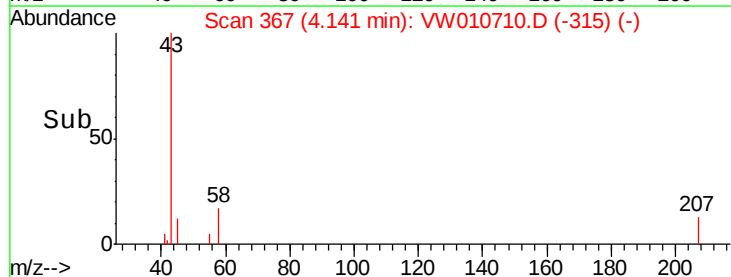
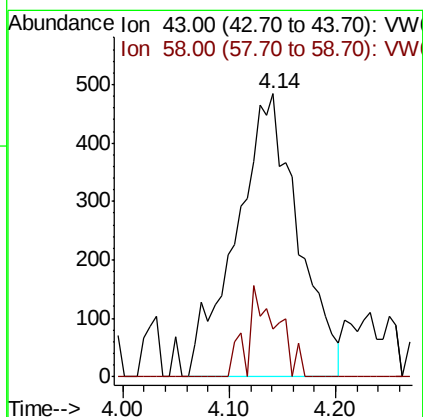
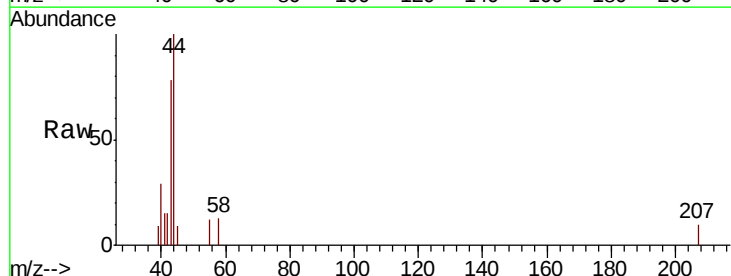
Tot Ion: 59 Resp: 269
 Ion Ratio Lower Upper
 59 100
 57 7.1 8.6 12.8#

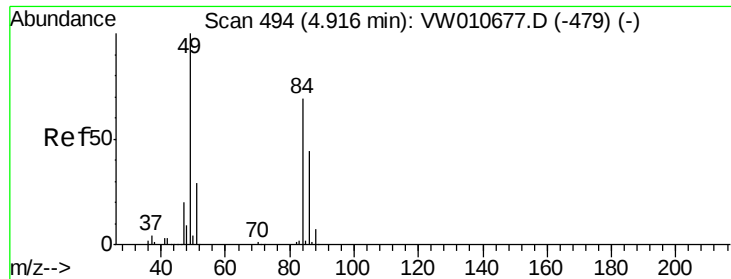


#16

Acetone
 Concen: 2.938 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.02 min
 Lab File: VW010710.D
 Acq: 06 Jun 2019 15:22

Tgt Ion: 43 Resp: 1958
 Ion Ratio Lower Upper
 43 100
 58 16.7 22.1 33.1#

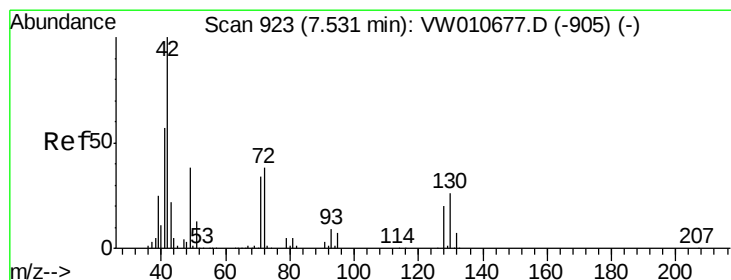
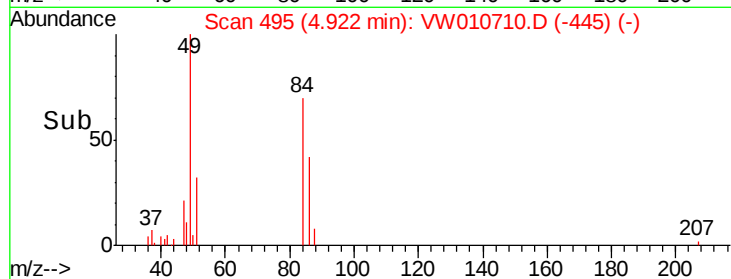
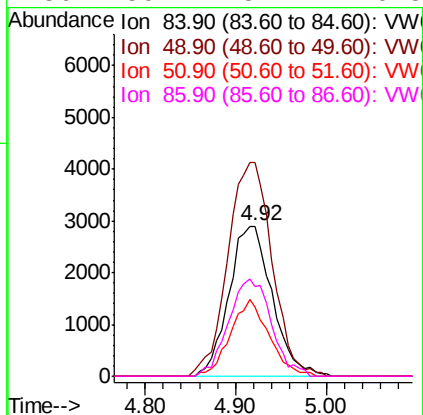
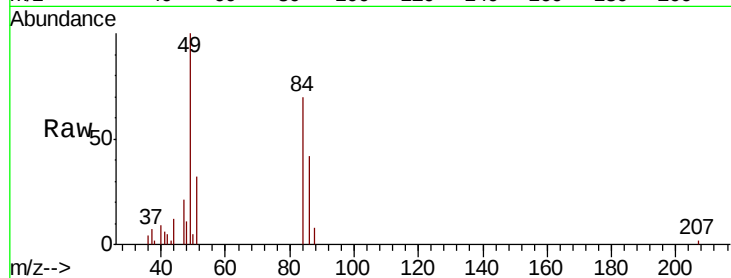




#20
Methylene Chloride
Concen: 4.119 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

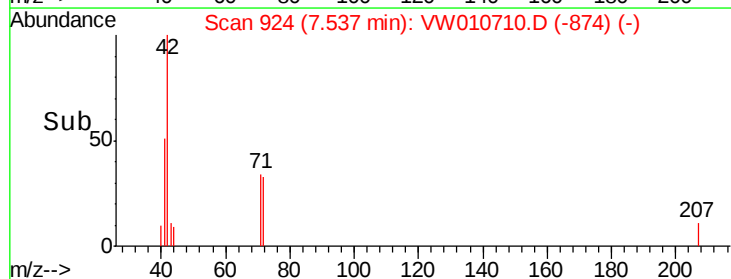
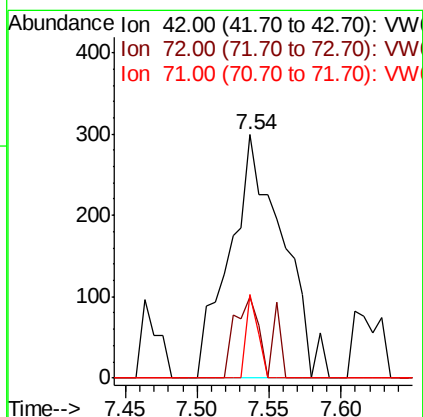
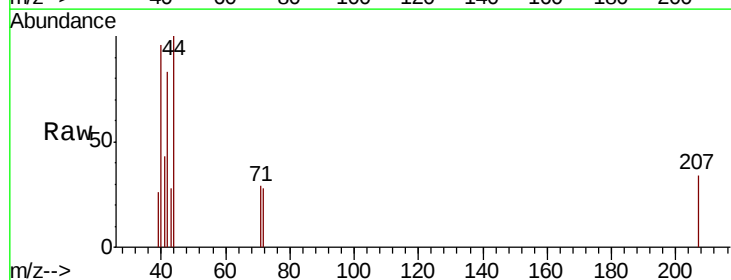
Instrument :
MSVOA_W
ClientSampled :
RBR-200052

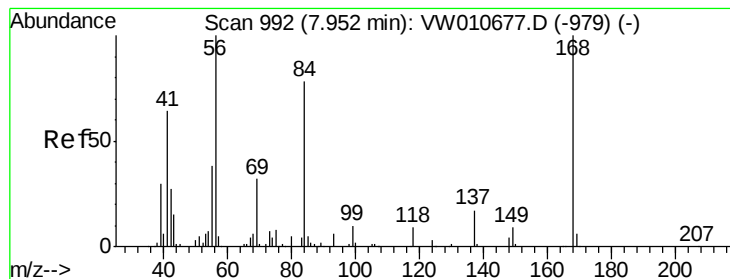
Tot Ion: 84 Resp: 9630
Ion Ratio Lower Upper
84 100
49 142.4 116.7 175.1
51 46.1 34.2 51.2
86 59.4 51.2 76.8



#29
Tetrahydrofuran
Concen: 1.309 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

Tgt Ion: 42 Resp: 761
Ion Ratio Lower Upper
42 100
72 15.1 28.7 43.1#
71 7.5 26.6 39.8#





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

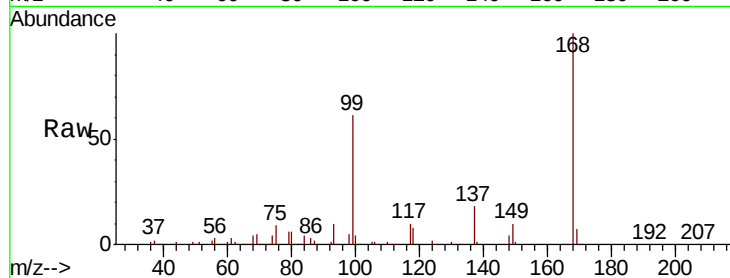
Tot Ion: 56 Resp: 5679

Ion Ratio Lower Upper

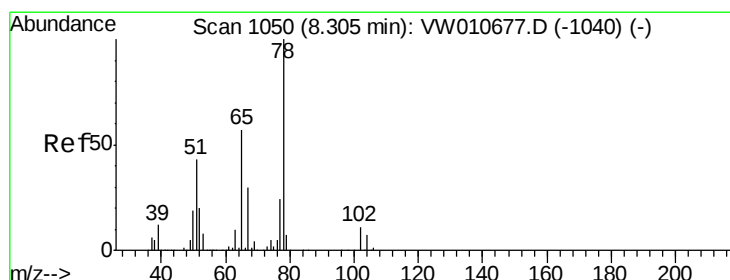
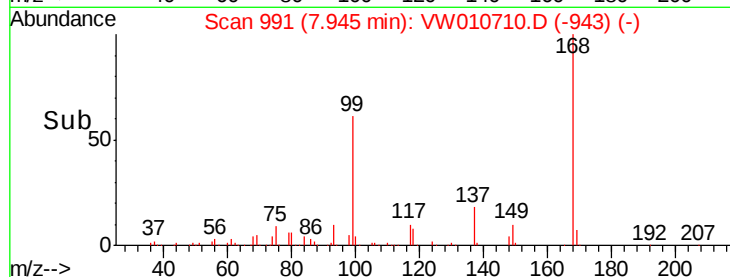
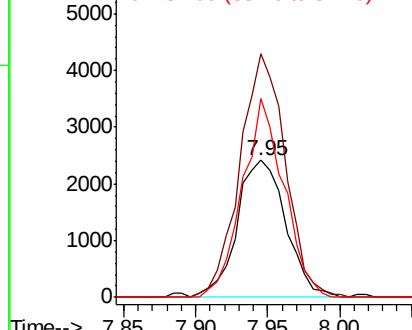
56 100

69 177.9 25.2 37.8#

84 145.7 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: 58.842 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010710.D

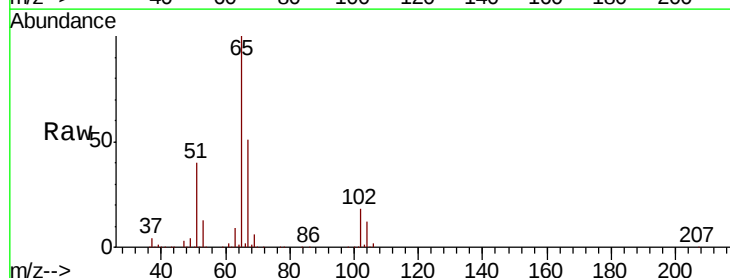
Acq: 06 Jun 2019 15:22

Tgt Ion: 65 Resp: 146338

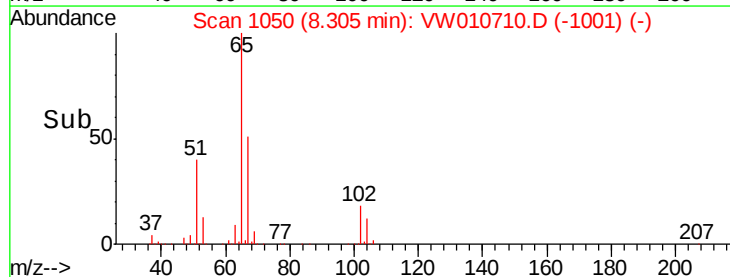
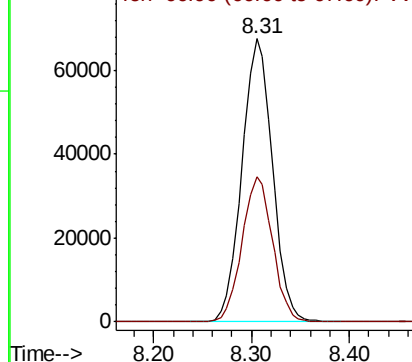
Ion Ratio Lower Upper

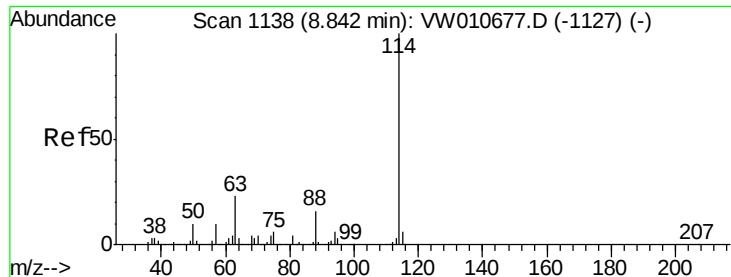
65 100

67 51.3 0.0 102.6



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

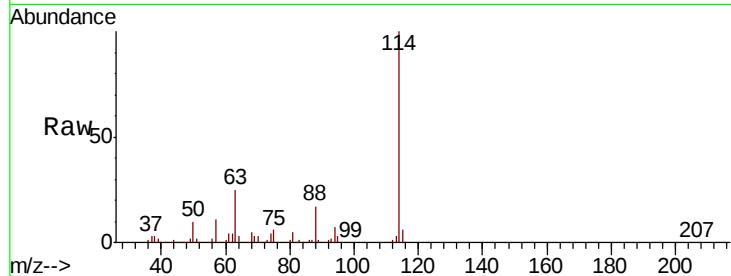




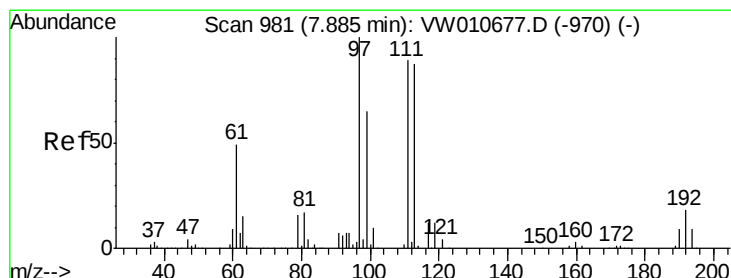
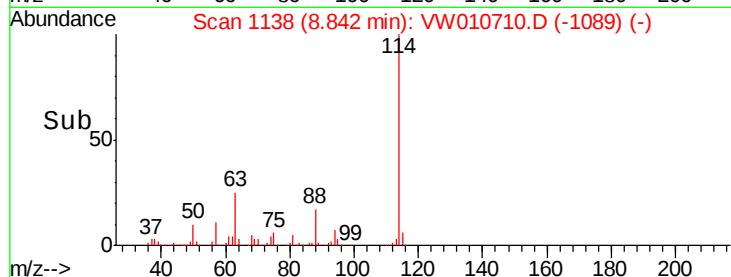
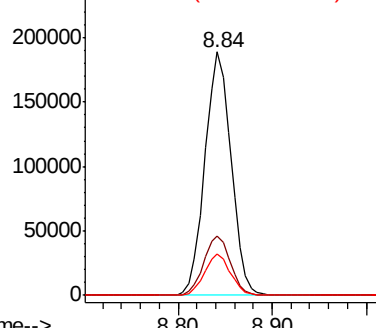
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	46.4
88	16.9	0.0	32.2

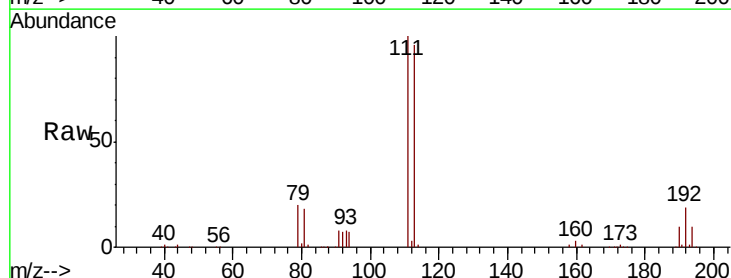


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

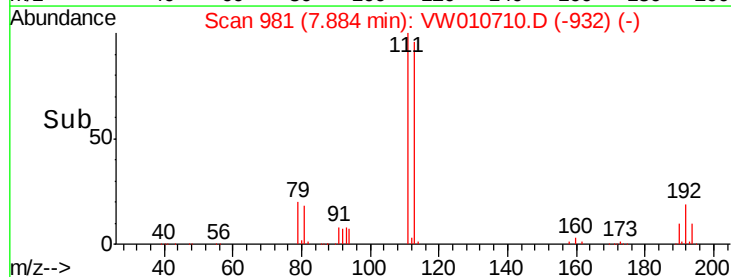
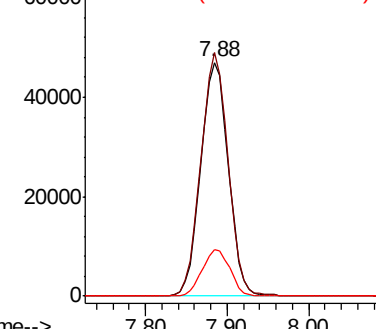


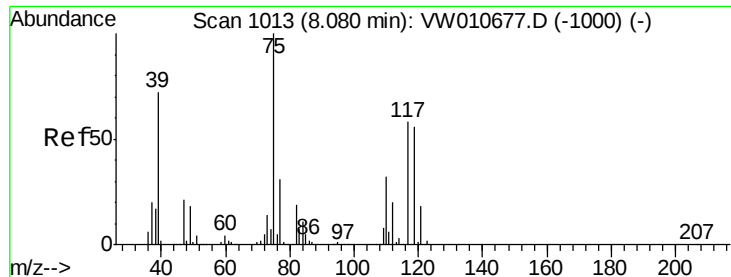
#35
Dibromofluoromethane
Concen: 55.206 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	20.0	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: 4.941 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

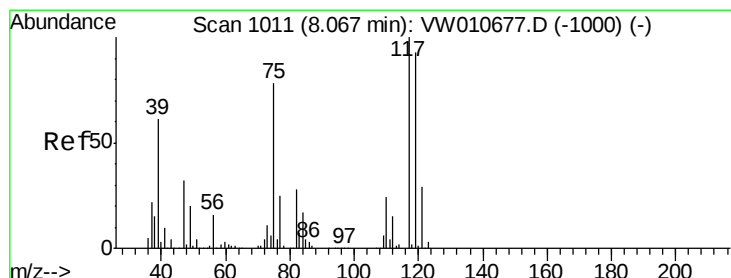
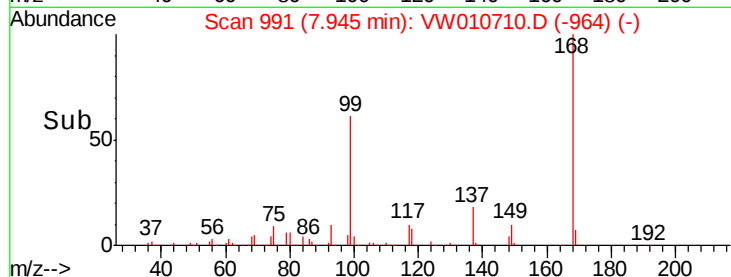
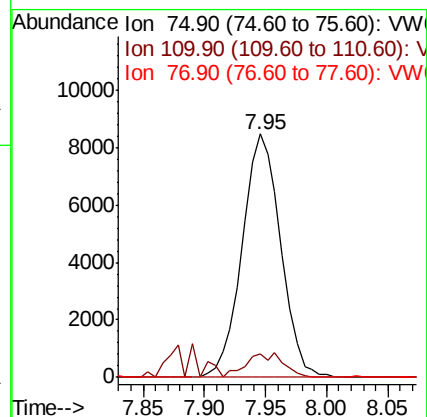
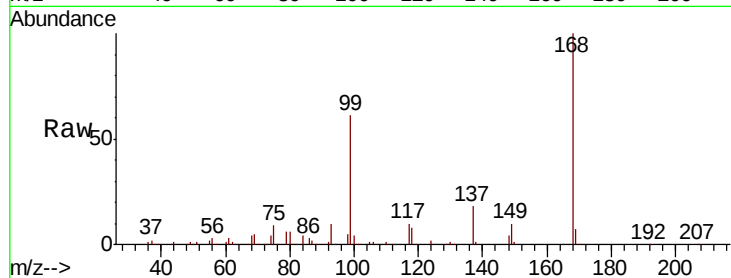
Tot Ion: 75 Resp: 18502

Ion Ratio Lower Upper

75 100

110 9.5 15.8 47.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.562 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

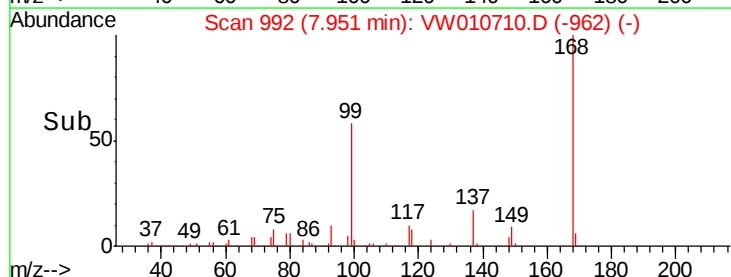
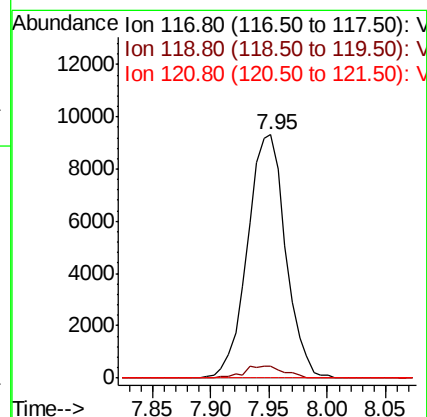
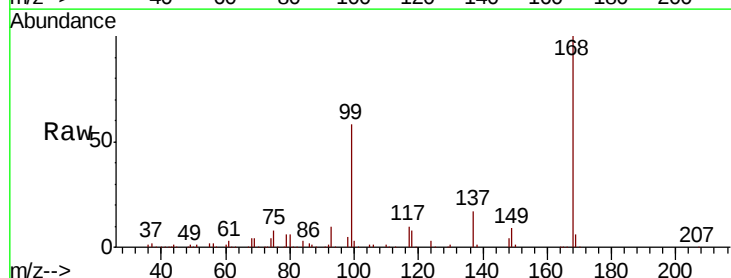
Tgt Ion: 117 Resp: 21211

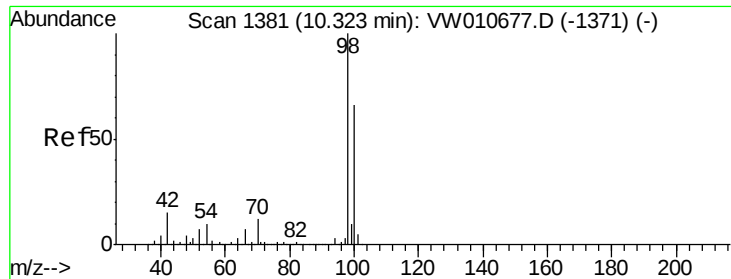
Ion Ratio Lower Upper

117 100

119 4.9 74.2 111.4#

121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 55.002 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

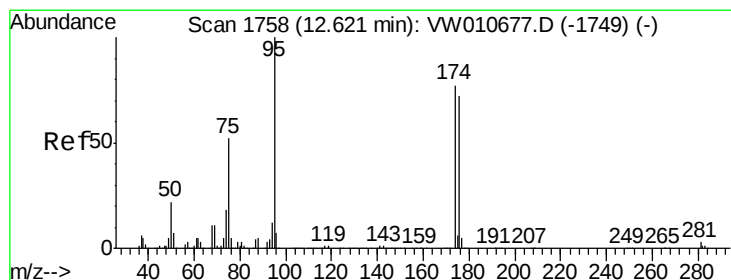
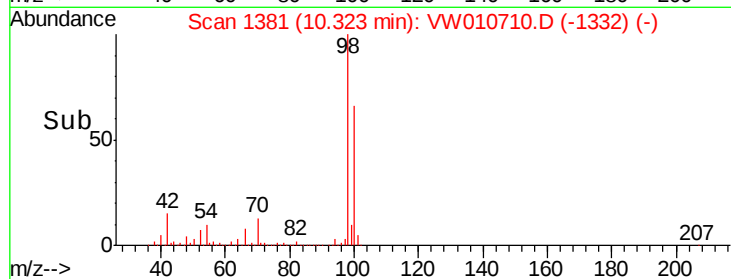
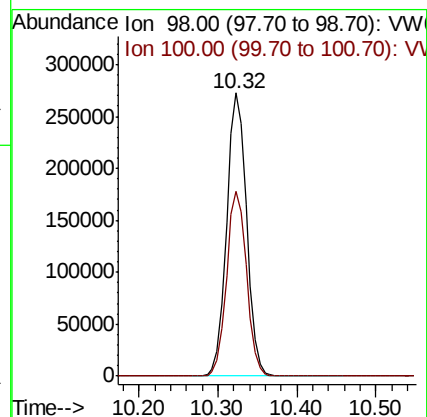
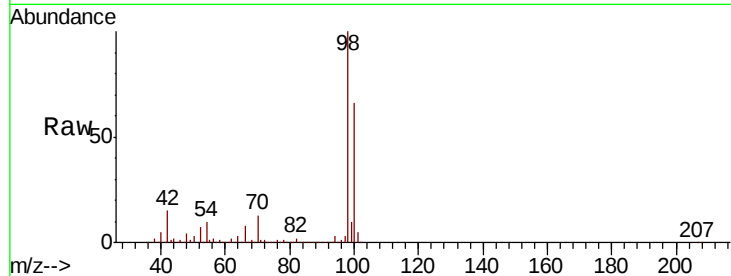
RBR-200052

Tot Ion: 98 Resp: 478897

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.764 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

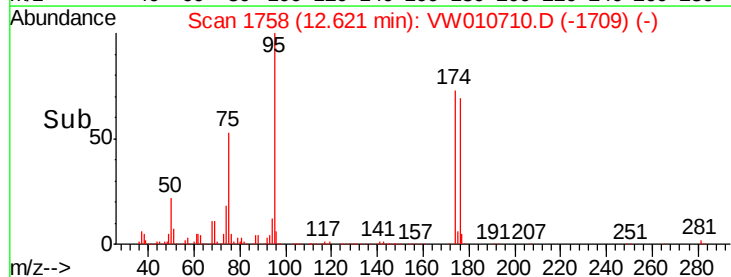
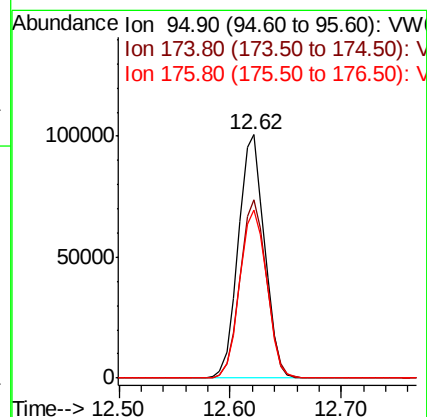
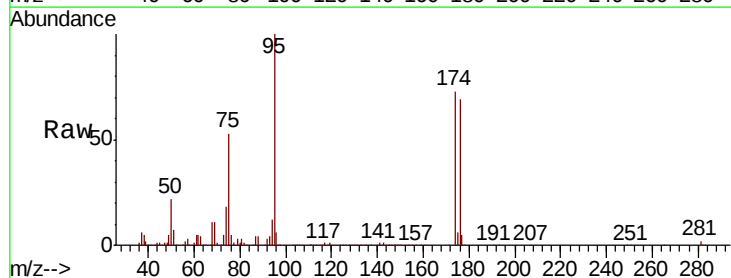
Tgt Ion: 95 Resp: 164003

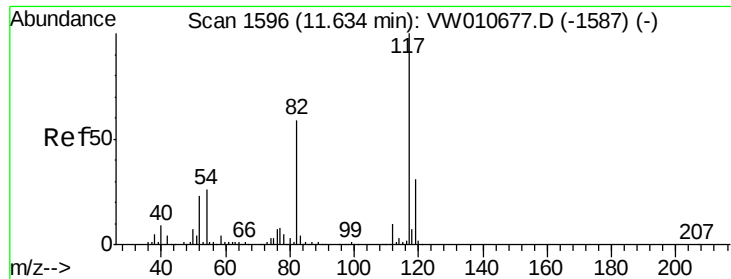
Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.4

176 71.3 0.0 144.8

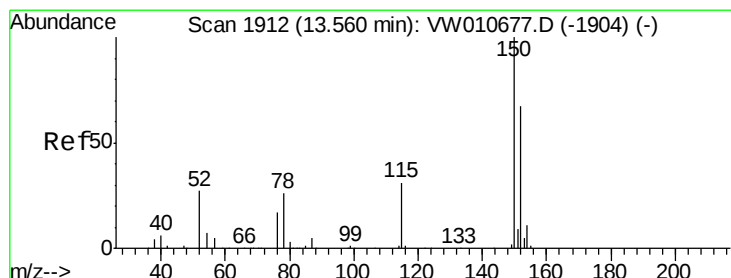
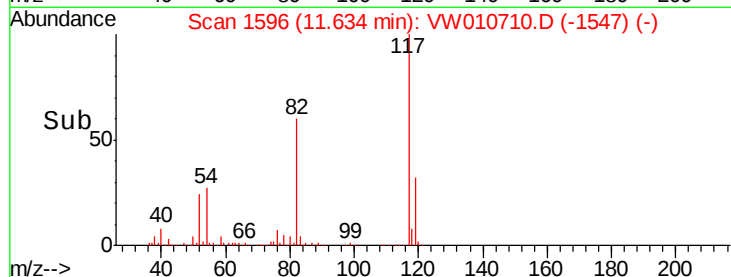
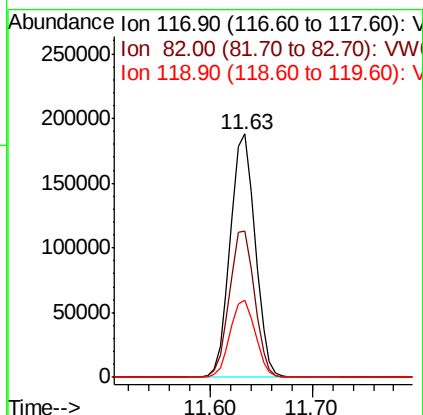
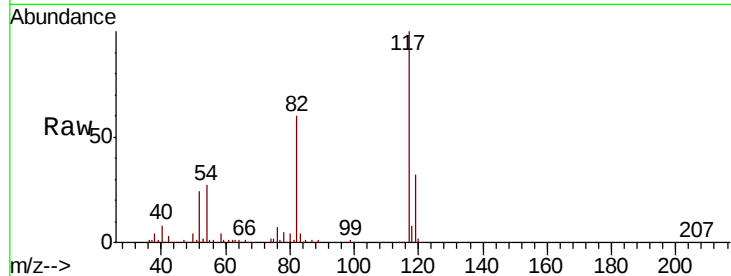




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

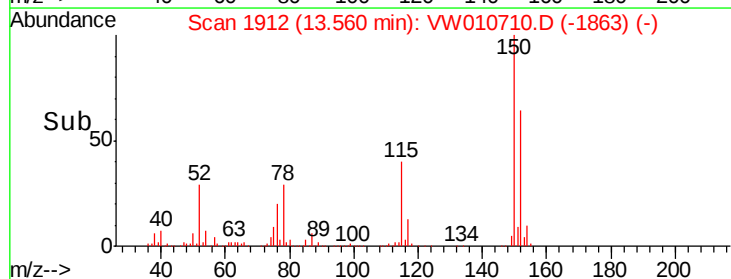
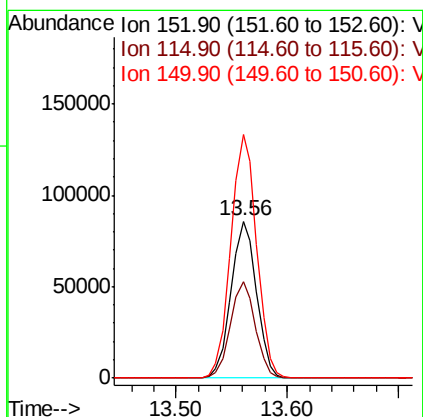
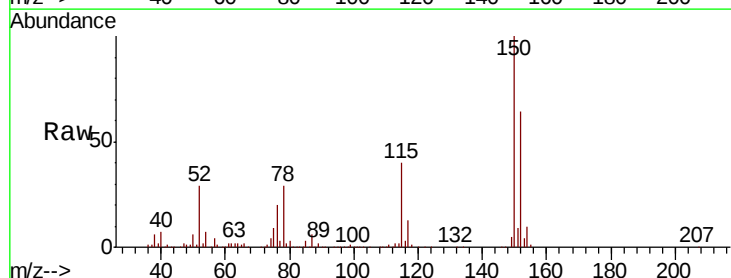
Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

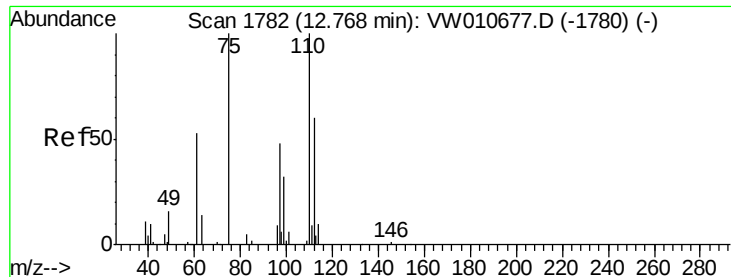
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.0	70.4
119	31.9	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	157.1	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 62.618 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

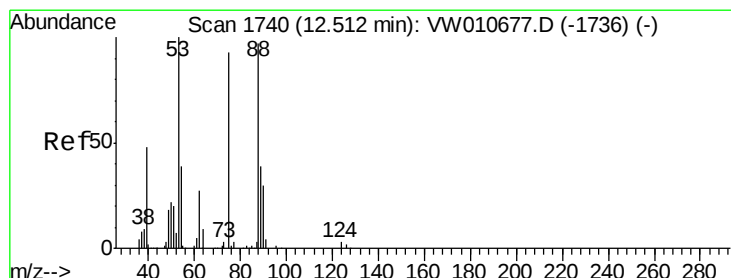
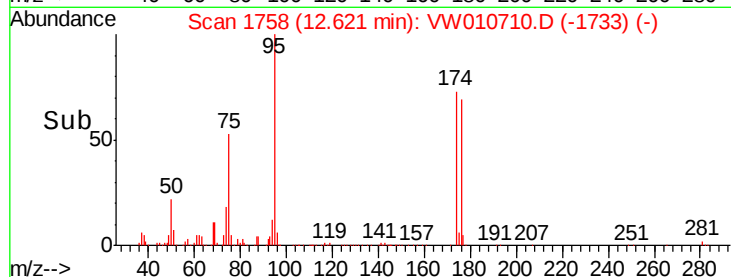
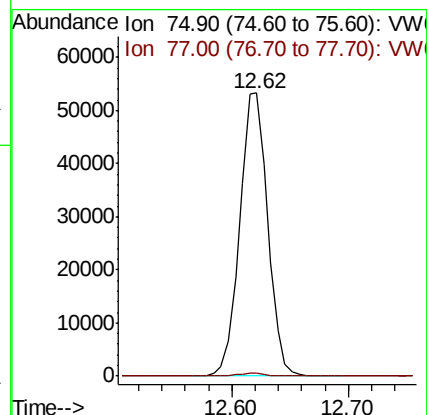
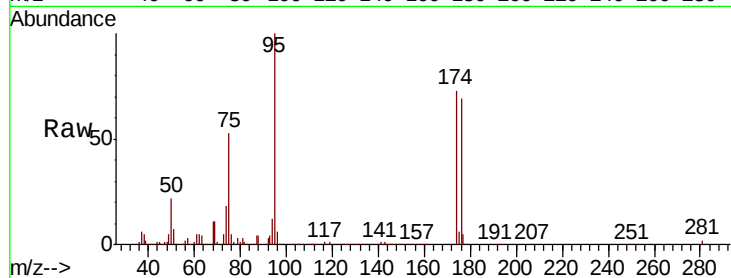
RBR-200052

Tot Ion: 75 Resp: 89130

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.916 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

Tgt Ion: 75 Resp: 89130

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

