

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008582.D
 Acq On : 08 Feb 2019 18:48
 Operator : SY/VA
 Sample : K1401-09RE
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Quant Time: Feb 09 00:28:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	444107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	708769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	653728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	319598	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	249504	57.19	ug/l	0.00
Spiked Amount			Recovery	=	114.38%	
35) Dibromofluoromethane	7.88	113	222607	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
50) Toluene-d8	10.32	98	860191	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.62	95	321141	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	

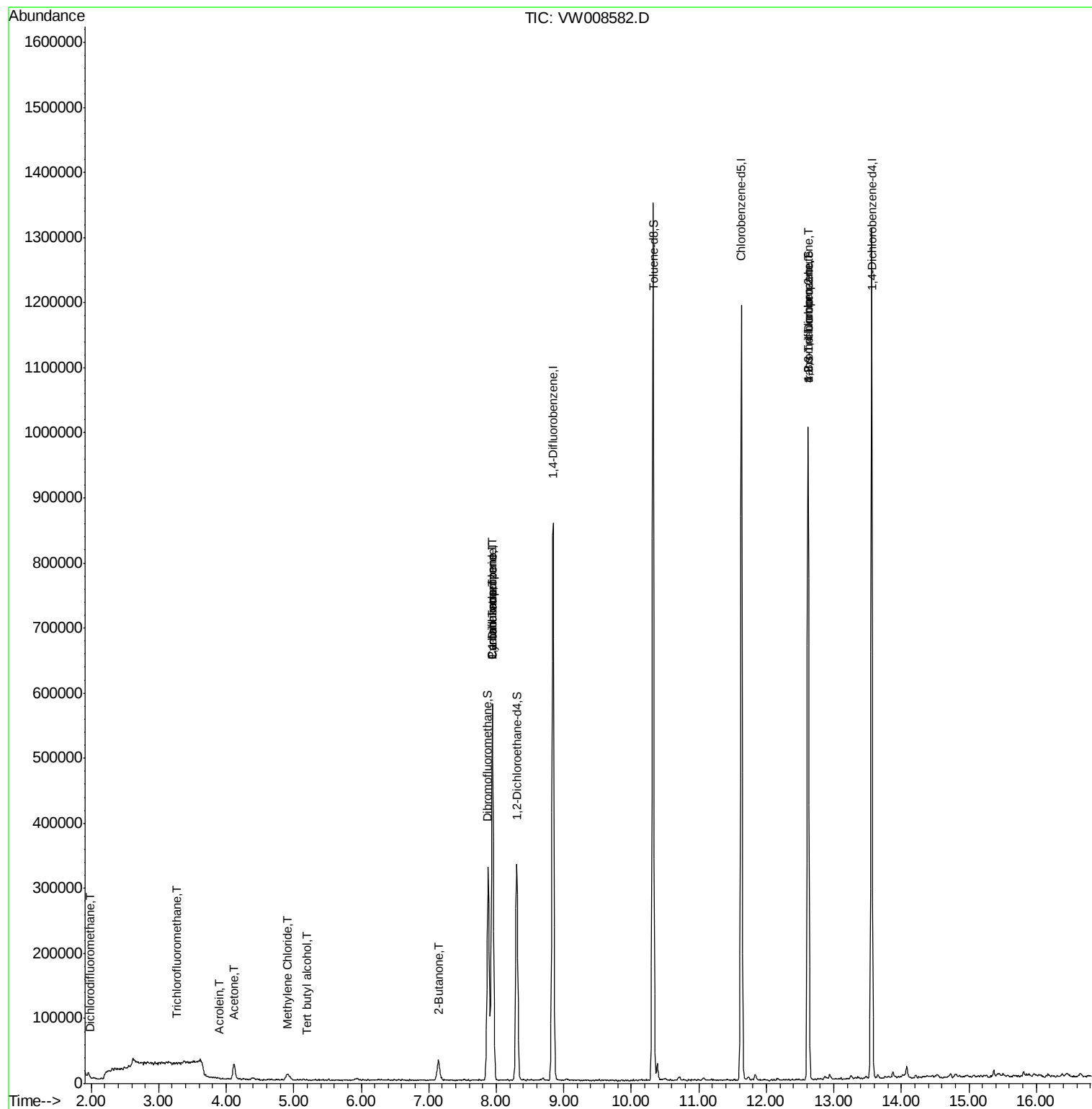
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	89	3.285	ug/l #	41
7) Trichlorofluoromethane	3.26	101	109	4.749	ug/l #	75
11) Tert butyl alcohol	5.18	59	398	1.133	ug/l	97
13) Acrolein	3.89	56	191	4.791	ug/l #	14
16) Acetone	4.11	43	41324	42.178	ug/l	98
20) Methylene Chloride	4.91	84	7063	1.564	ug/l #	87
25) 2-Butanone	7.15	43	3392	2.493	ug/l	95
31) Cyclohexane	7.95	56	10467	1.222	ug/l #	33
36) 1,1-Dichloropropene	7.94	75	32624	4.873	ug/l #	42
38) Carbon Tetrachloride	7.95	117	42226	6.268	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	168058	60.481	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	168058	119.455	ug/l #	12

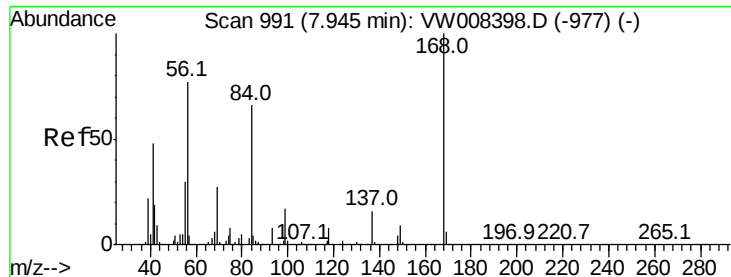
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008582.D
Acq On : 08 Feb 2019 18:48
Operator : SY/VA
Sample : K1401-09RE
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

Quant Time: Feb 09 00:28:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 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: VW008582.D

Acq: 08 Feb 2019 18:48

Instrument :

MSVOA_W

ClientSampleId :

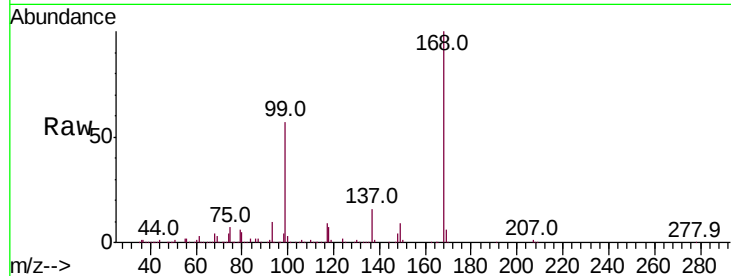
RBR-200052

Tot Ion:168 Resp: 444107

Ion Ratio Lower Upper

168 100

99 56.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

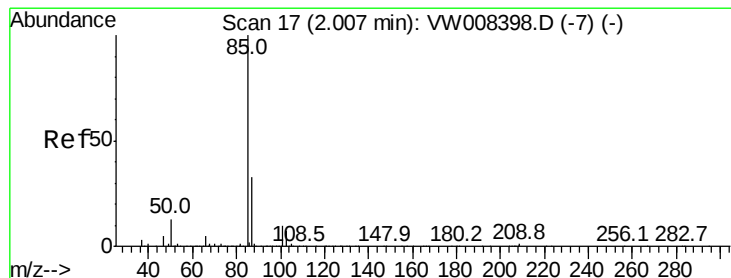
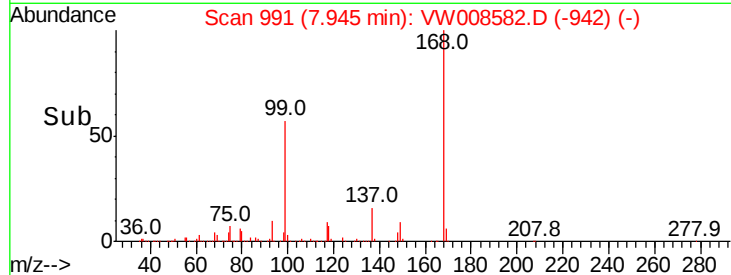
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 3.285 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW008582.D

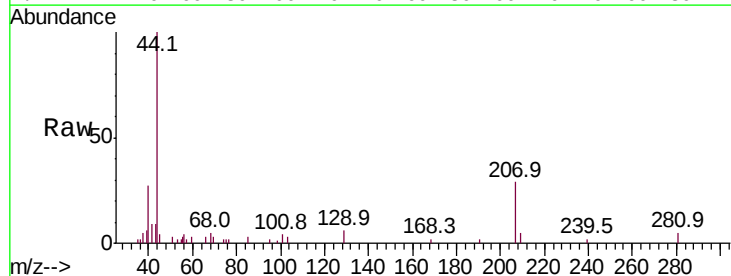
Acq: 08 Feb 2019 18:48

Tgt Ion: 85 Resp: 89

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

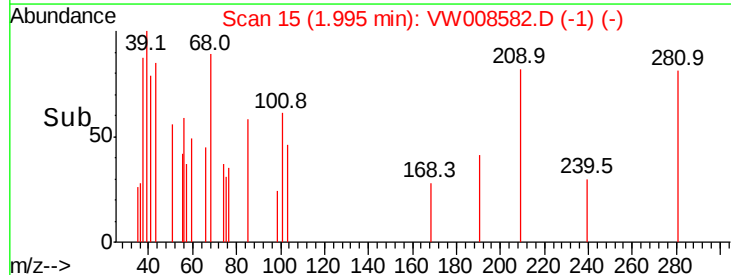
100

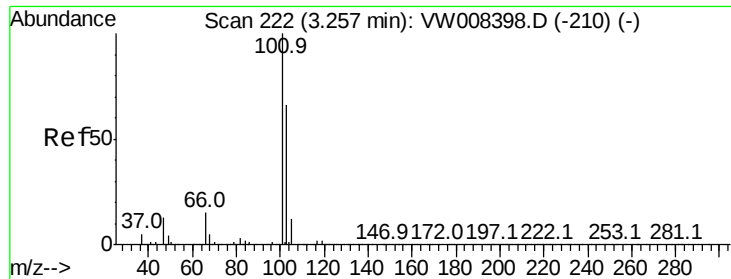
50

0

1.98 2.00 2.02

Time-->



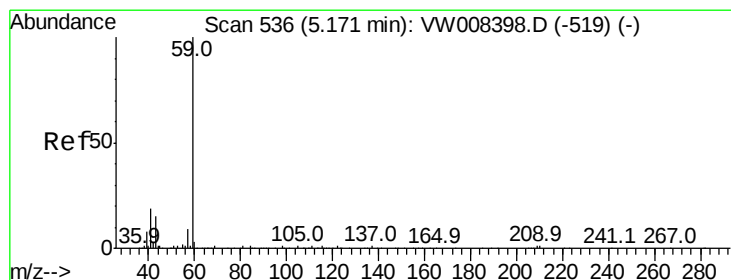
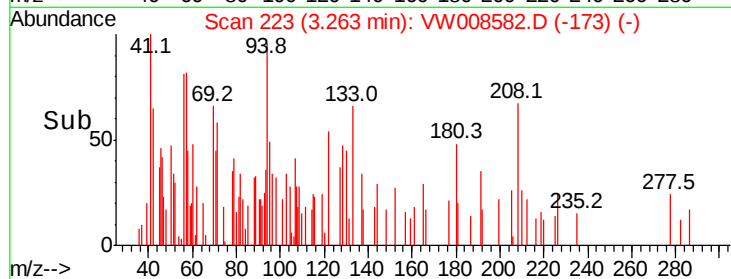
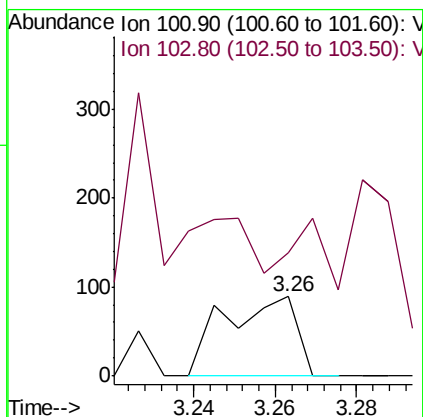
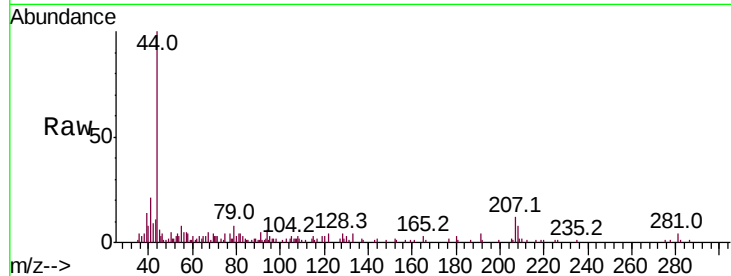


#7

Trichlorofluoromethane
 Concen: 4.749 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008582.D
 Acq: 08 Feb 2019 18:48

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200052

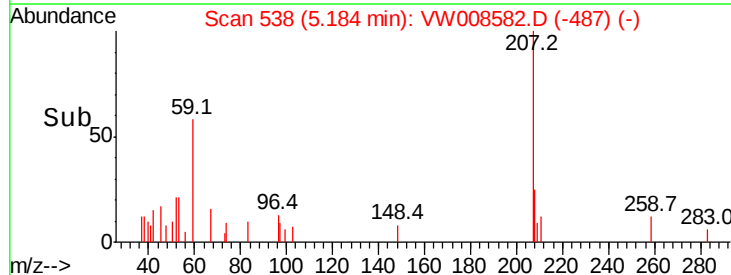
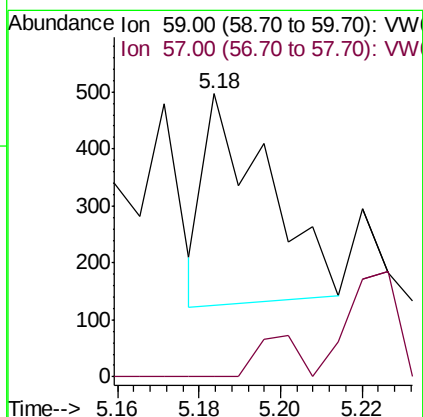
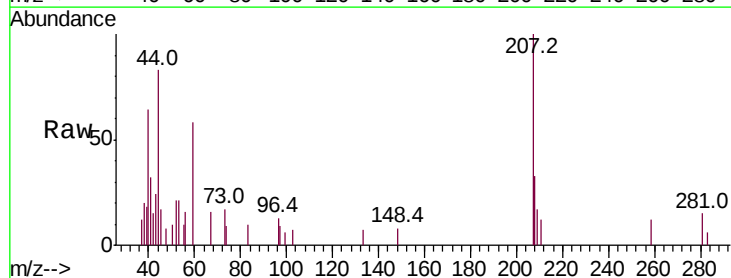
Tot Ion:101 Resp: 109
 Ion Ratio Lower Upper
 101 100
 103 46.1 52.5 78.7#

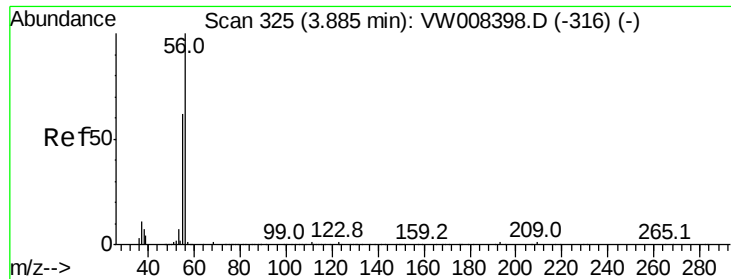


#11

Tert butyl alcohol
 Concen: 1.133 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW008582.D
 Acq: 08 Feb 2019 18:48

Tgt Ion: 59 Resp: 398
 Ion Ratio Lower Upper
 59 100
 57 12.6 9.3 13.9

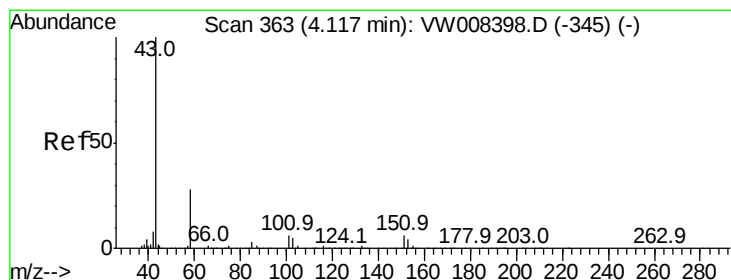
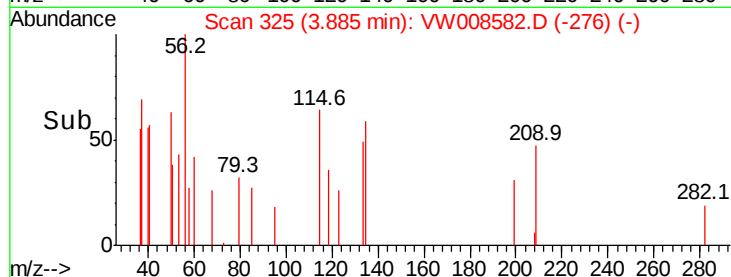
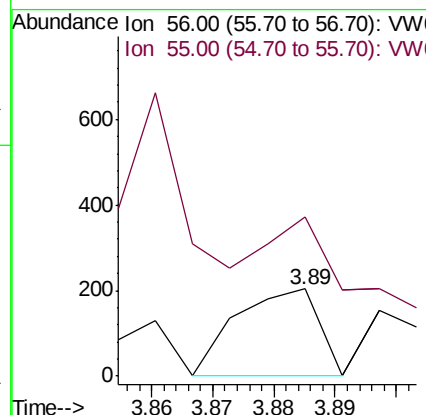
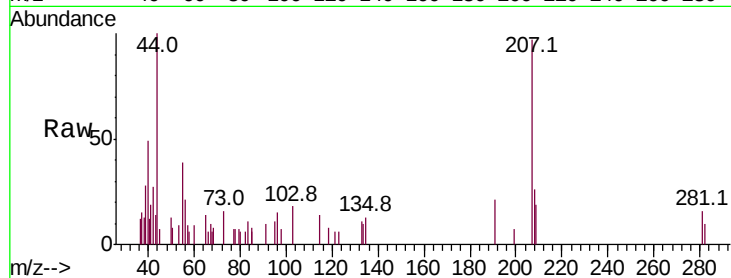




#13
Acrolein
Concen: 4.791 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

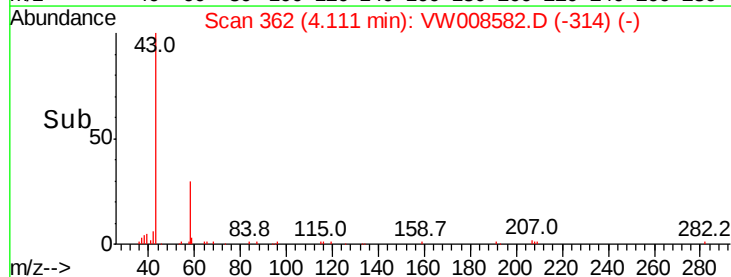
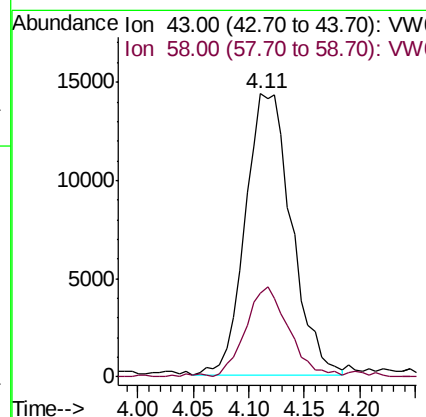
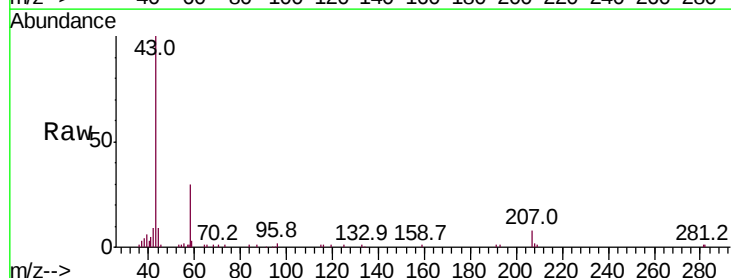
Instrument :
MSVOA_W
ClientSampled :
RBR-200052

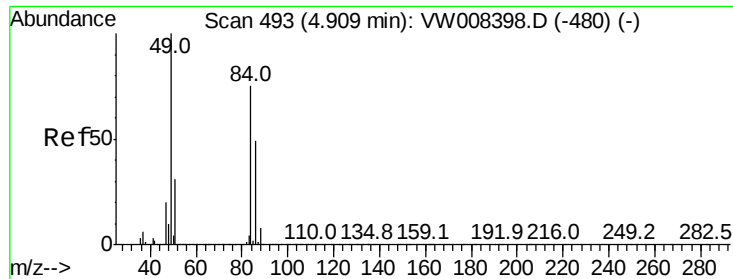
Tot Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
55 0.0 56.7 85.1#



#16
Acetone
Concen: 42.178 ug/l
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

Tgt Ion: 43 Resp: 41324
Ion Ratio Lower Upper
43 100
58 29.2 22.6 34.0

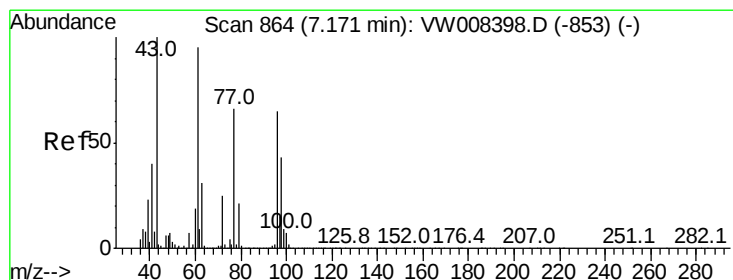
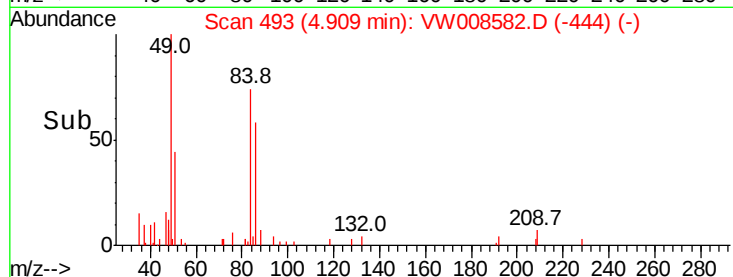
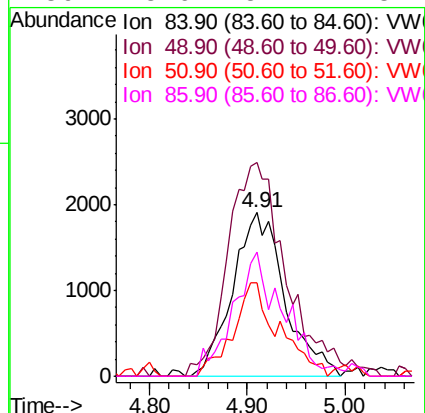
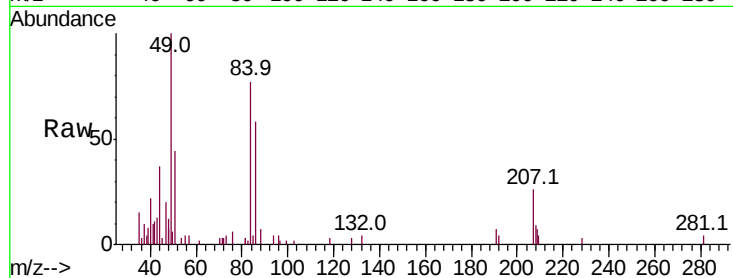




#20
Methvlene Chloride
Concen: 1.564 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

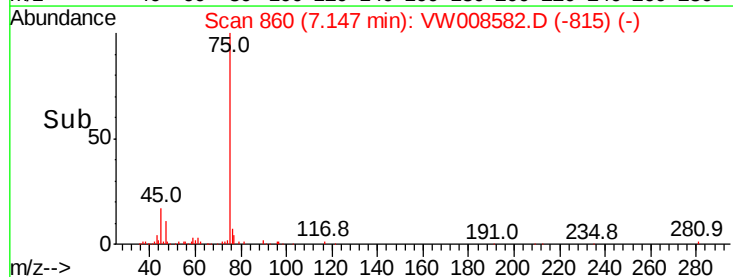
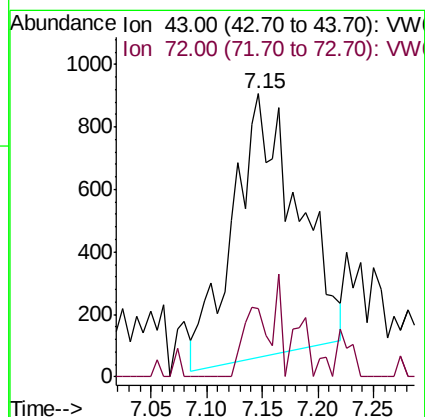
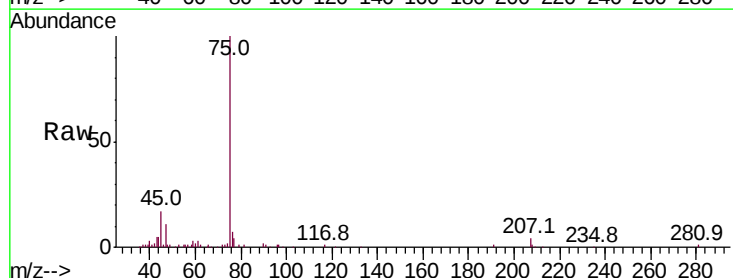
Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

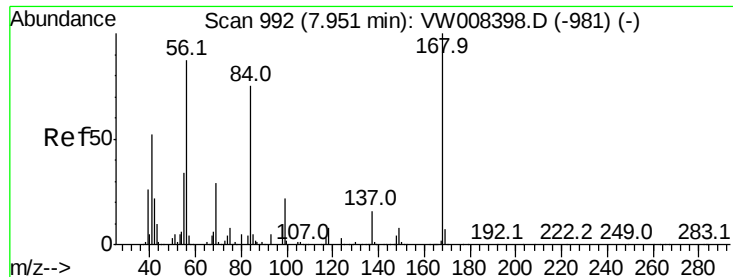
Tot Ion:	84	Resp:	7063
Ion	Ratio	Lower	Upper
84	100		
49	122.9	106.8	160.2
51	56.9	32.9	49.3#
86	75.6	52.2	78.2



#25
2-Butanone
Concen: 2.493 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

Tgt Ion:	43	Resp:	3392
Ion	Ratio	Lower	Upper
43	100		
72	27.5	20.1	30.1

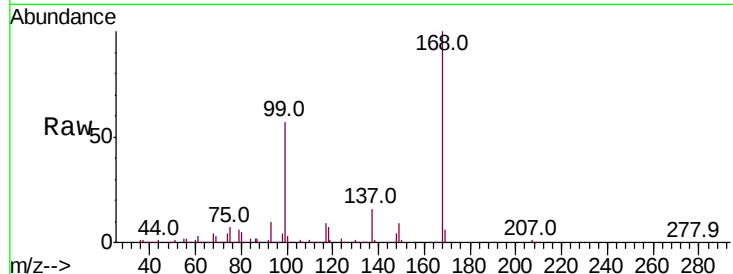




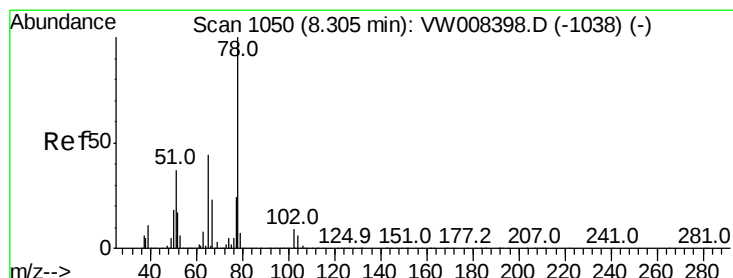
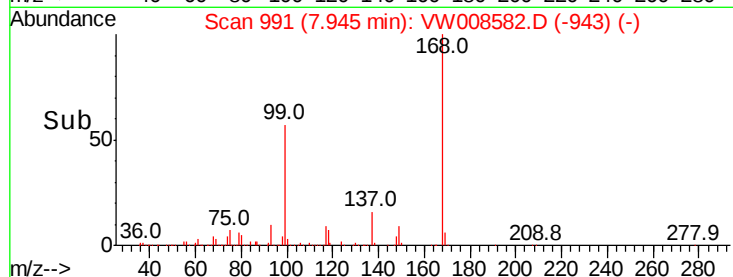
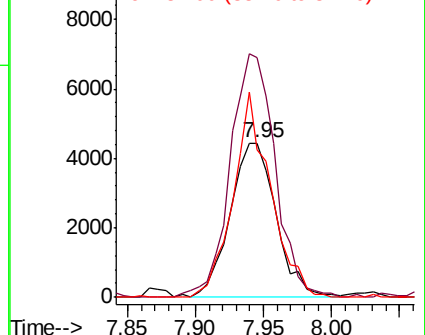
#31
Cvclohexane
Concen: 1.222 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

Tot Ion: 56 Resp: 10467
Ion Ratio Lower Upper
56 100
69 155.3 26.4 39.6#
84 95.1 69.1 103.7

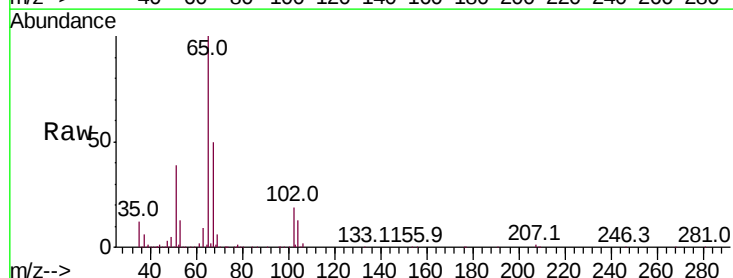


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

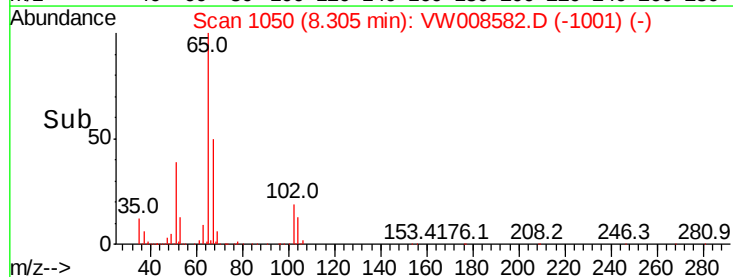
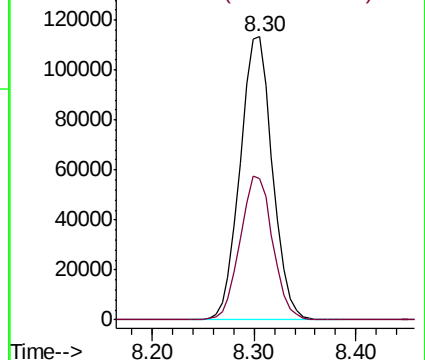


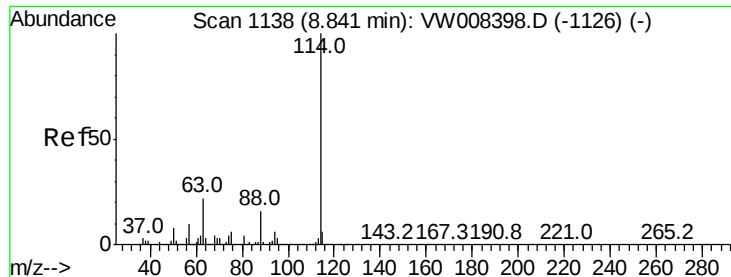
#33
1,2-Dichloroethane-d4
Concen: 57.187 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

Tgt Ion: 65 Resp: 249504
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0



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: VW008582.D

Acq: 08 Feb 2019 18:48

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

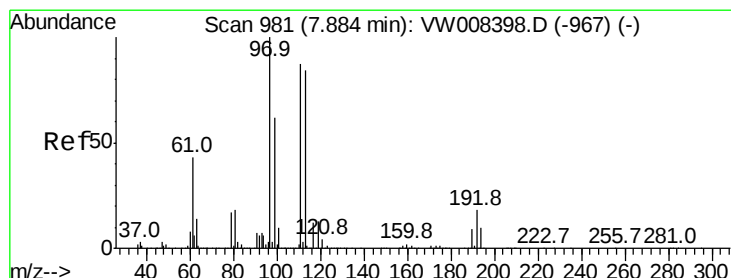
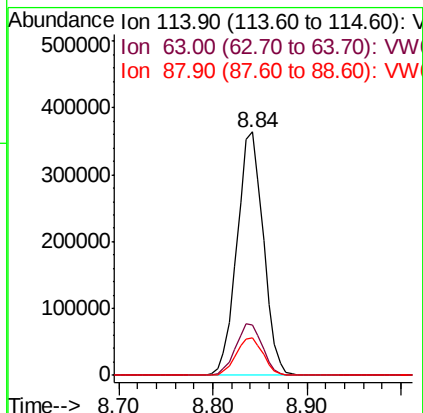
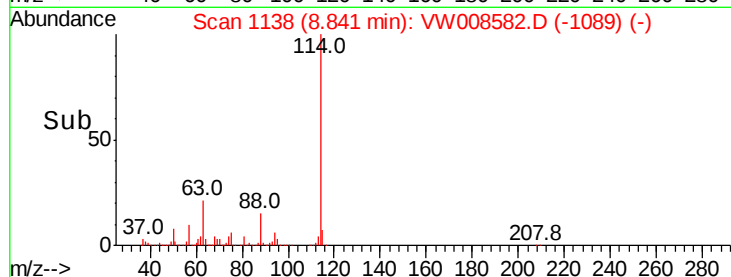
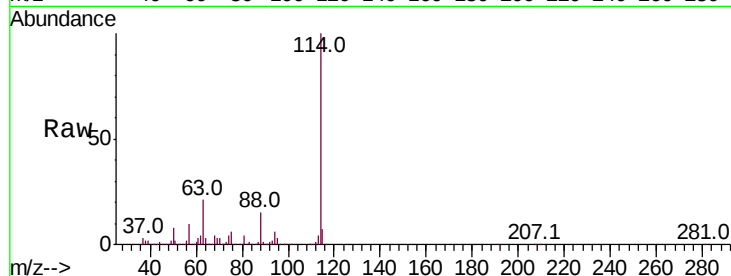
Tot Ion:114 Resp: 708769

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.6

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.713 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008582.D

Acq: 08 Feb 2019 18:48

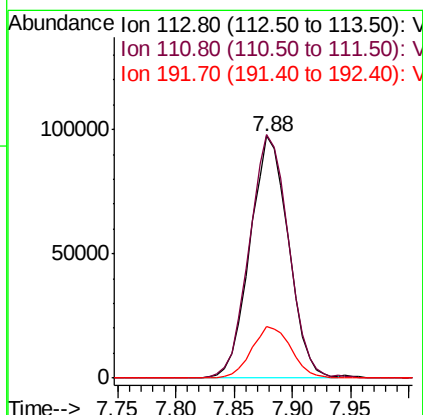
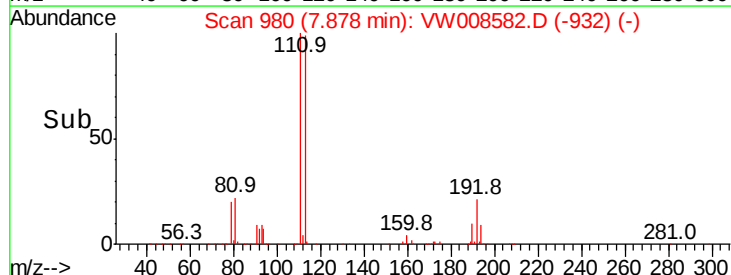
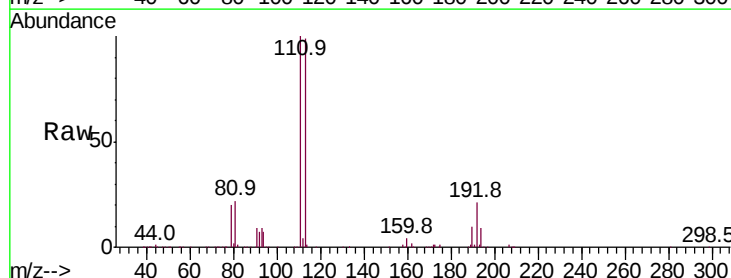
Tgt Ion:113 Resp: 222607

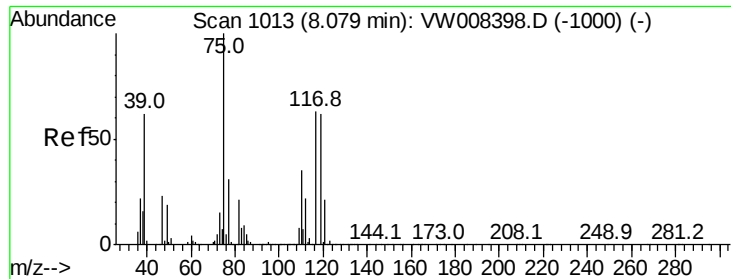
Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

192 21.9 16.8 25.2

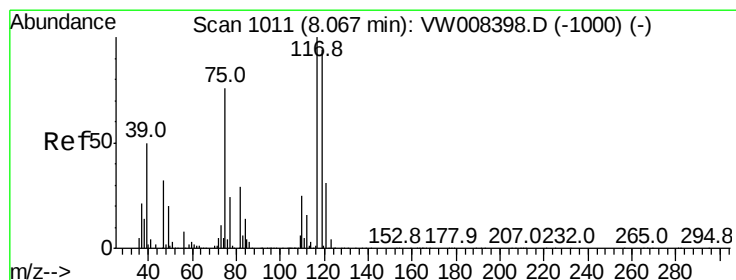
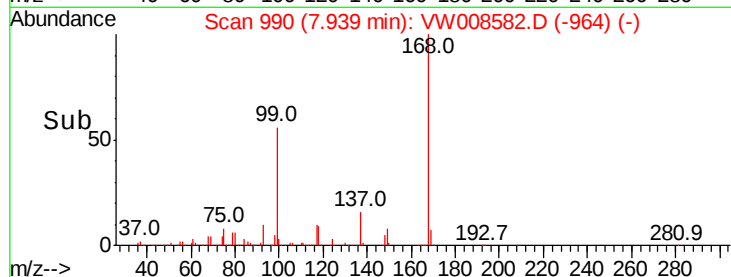
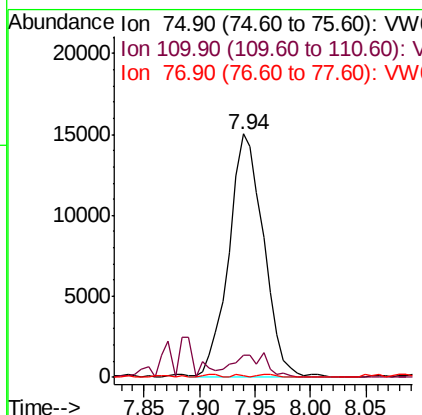
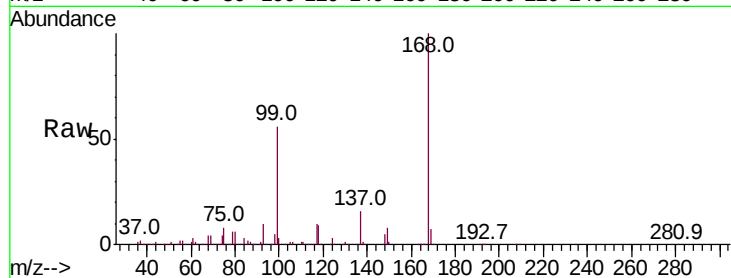




#36
 1,1-Dichloropropene
 Concen: 4.873 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008582.D
 Acq: 08 Feb 2019 18:48

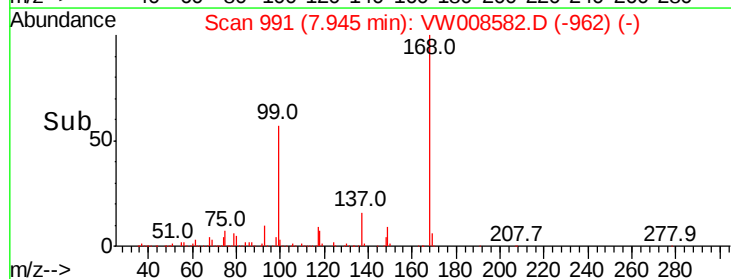
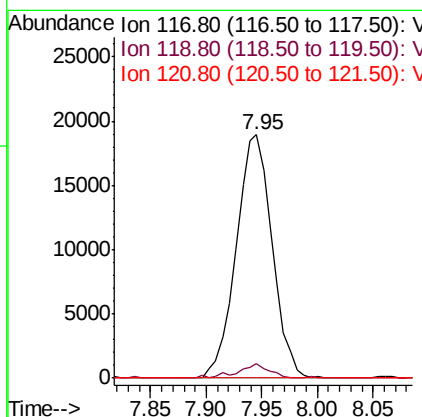
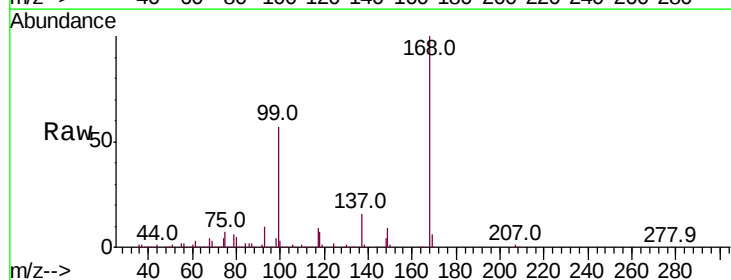
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

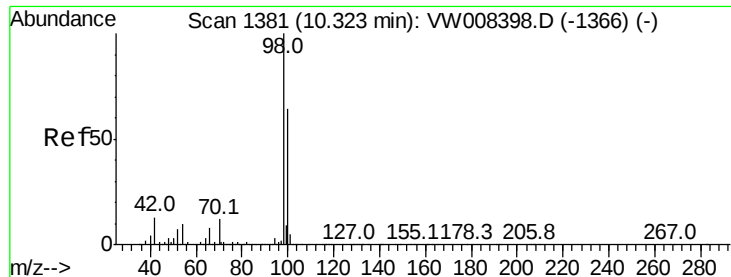
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	52.0#
77	0.3	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.268 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008582.D
 Acq: 08 Feb 2019 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.0	112.4#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 51.759 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008582.D

Acq: 08 Feb 2019 18:48

Instrument :

MSVOA_W

ClientSampleId :

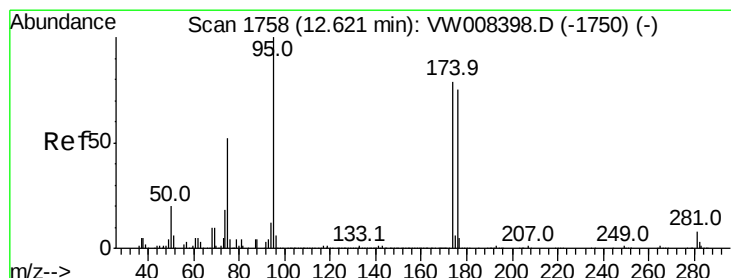
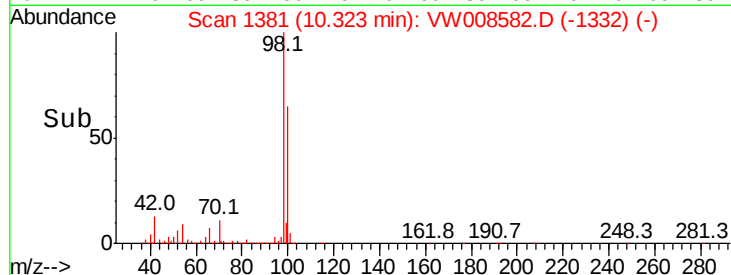
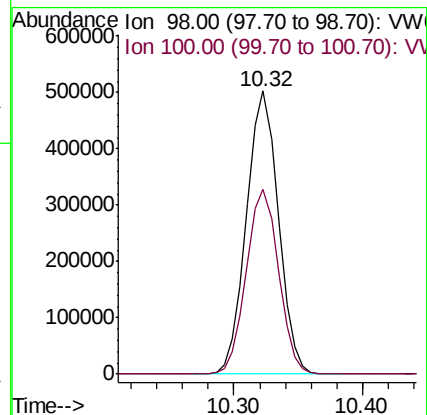
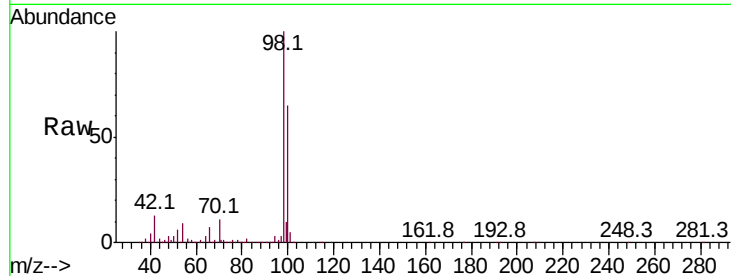
RBR-200052

Tot Ion: 98 Resp: 860191

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.271 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008582.D

Acq: 08 Feb 2019 18:48

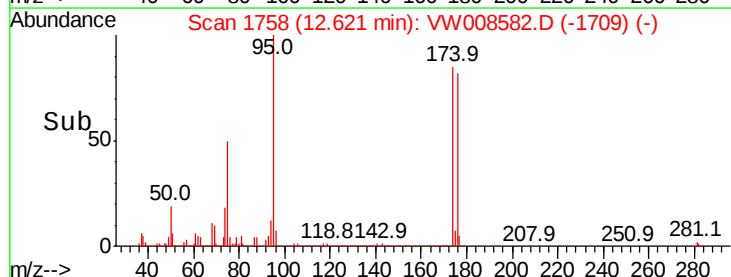
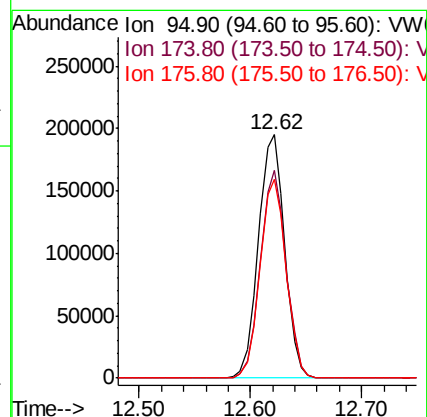
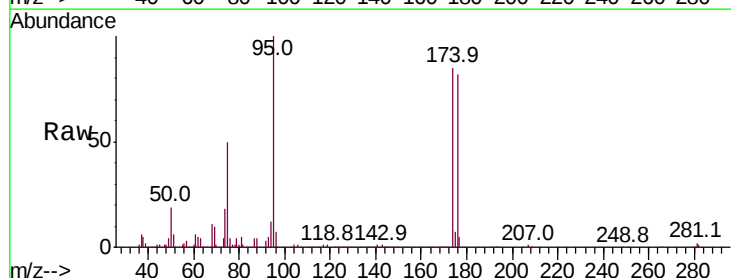
Tgt Ion: 95 Resp: 321141

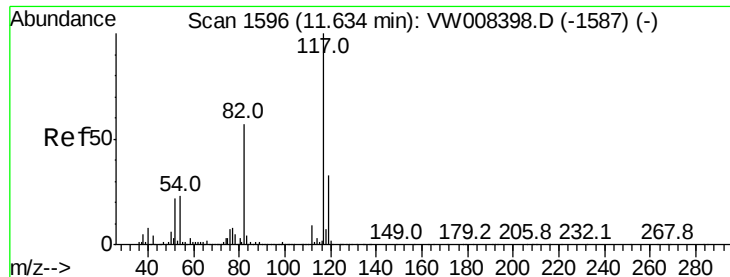
Ion Ratio Lower Upper

95 100

174 83.7 0.0 157.6

176 81.1 0.0 151.8

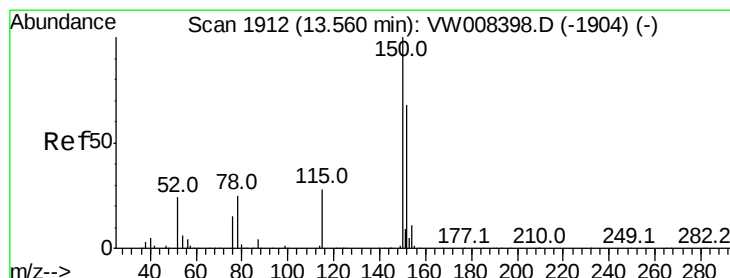
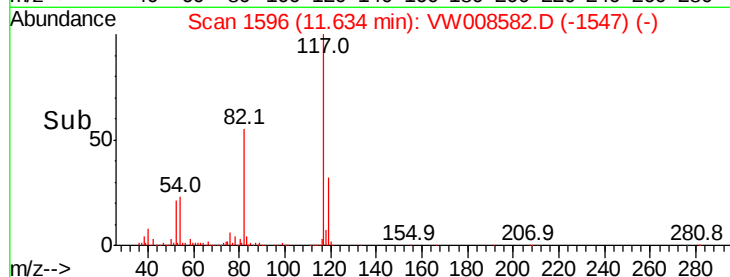
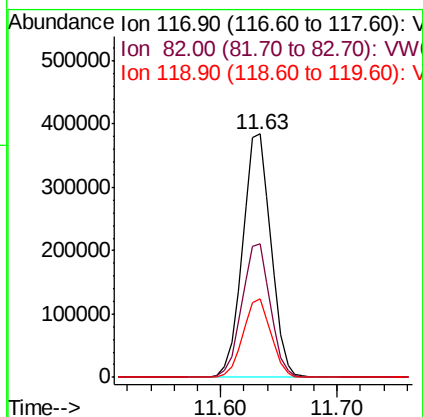
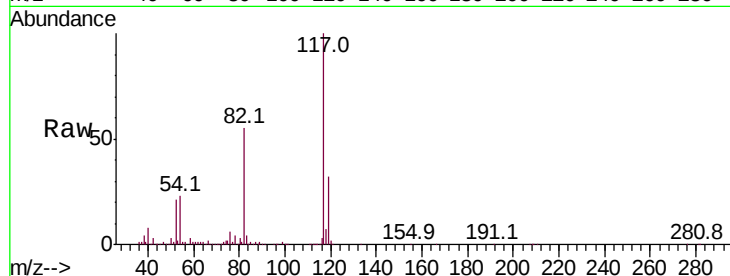




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

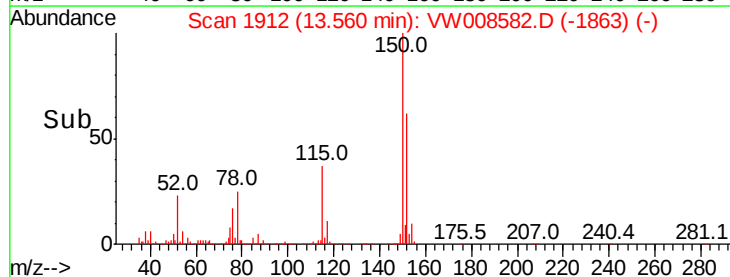
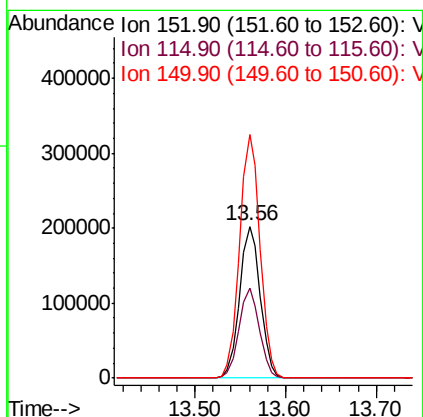
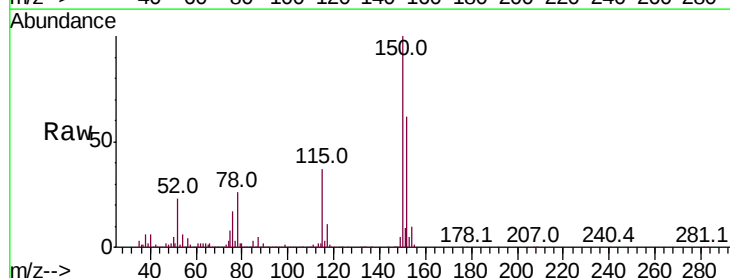
Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

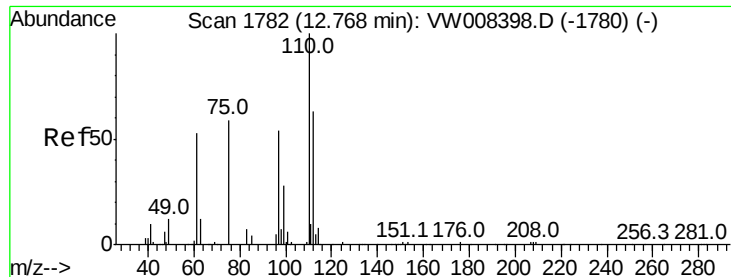
Tot Ion:117 Resp: 653728
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008582.D
Acq: 08 Feb 2019 18:48

Tgt Ion:152 Resp: 319598
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 158.8 0.0 351.4

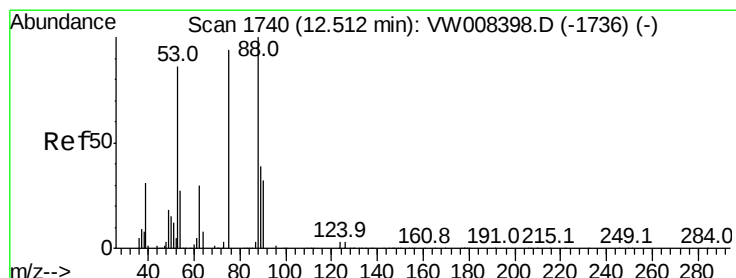
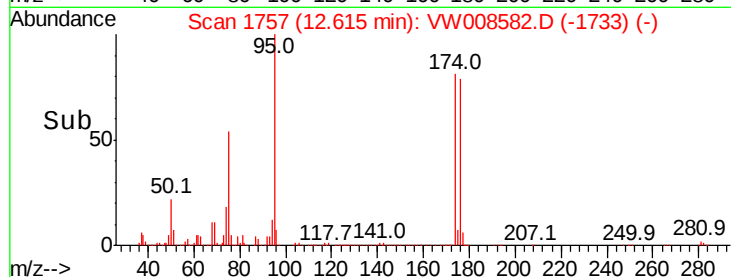
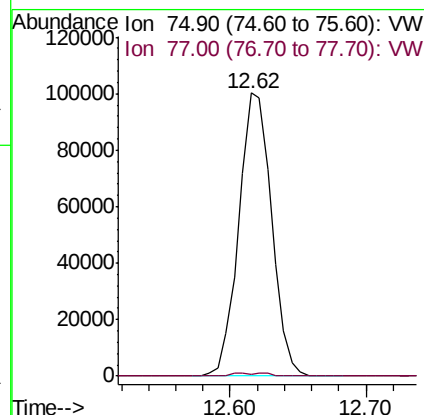
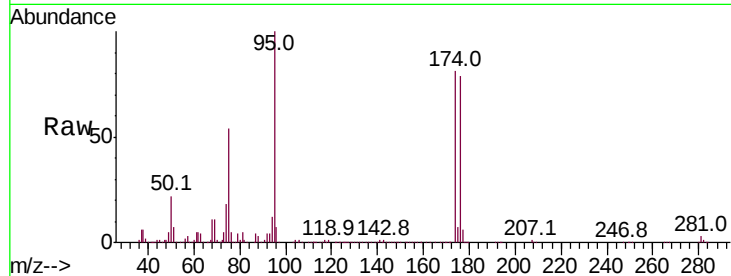




#76
 1,2,3-Trichloropropane
 Concen: 60.481 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW008582.D
 Acq: 08 Feb 2019 18:48

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200052

Tot Ion: 75 Resp: 168058
 Ion Ratio Lower Upper
 75 100
 77 1.3 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.455 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008582.D
 Acq: 08 Feb 2019 18:48

Tgt Ion: 75 Resp: 168058
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.0 114.0#
 89 0.1 35.4 53.0#

