

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
 Data File : VW010683.D
 Acq On : 05 Jun 2019 10:54
 Operator : SY/VA
 Sample : VW0605SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBL01

Quant Time: Jun 05 11:16:07 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	222228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142381	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	143982	54.97	ug/l	0.00
Spiked Amount			Recovery	=	109.94%	
35) Dibromofluoromethane	7.88	113	108794	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
50) Toluene-d8	10.32	98	486743	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.62	95	167500	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	

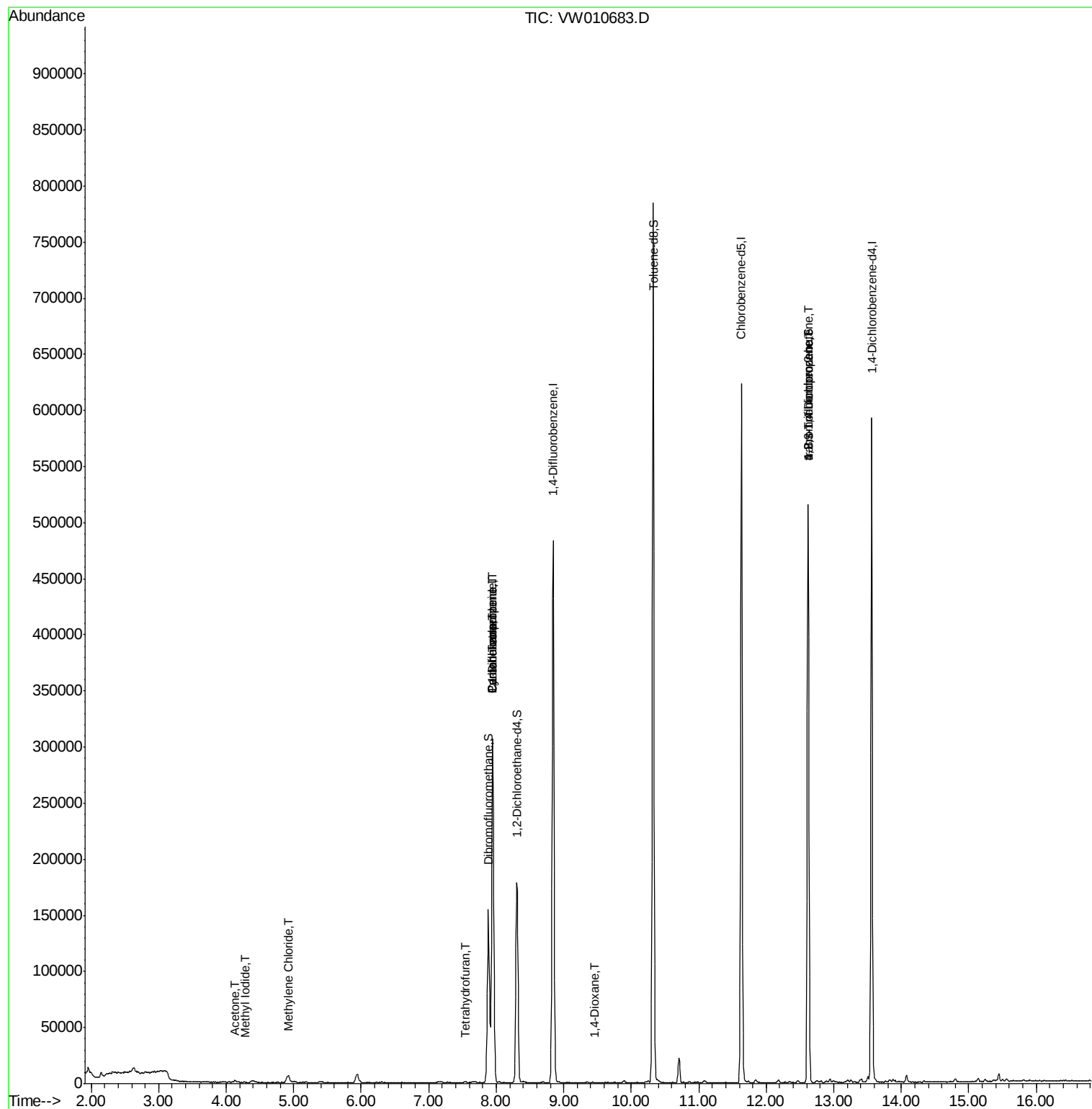
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	337	4.931	ug/l #	69
16) Acetone	4.13	43	3590	5.115	ug/l	92
20) Methylene Chloride	4.92	84	4249m	1.726	ug/l	
29) Tetrahydrofuran	7.54	42	763	1.246	ug/l #	71
31) Cyclohexane	7.95	56	5926	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19412	4.989	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22127	6.587	ug/l #	16
49) 1,4-Dioxane	9.45	88	42	2.058	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	90490	60.521	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90490	139.096	ug/l #	5

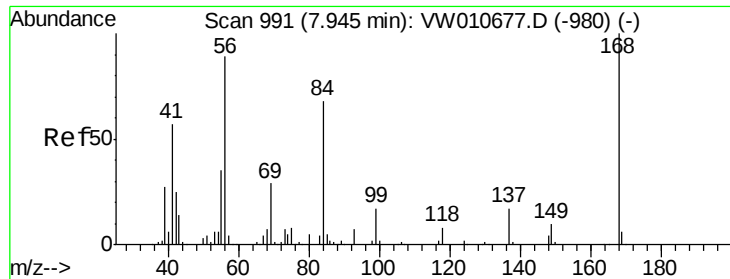
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBL01

Quant Time: Jun 05 11:16:07 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: VW010683.D

Acq: 05 Jun 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

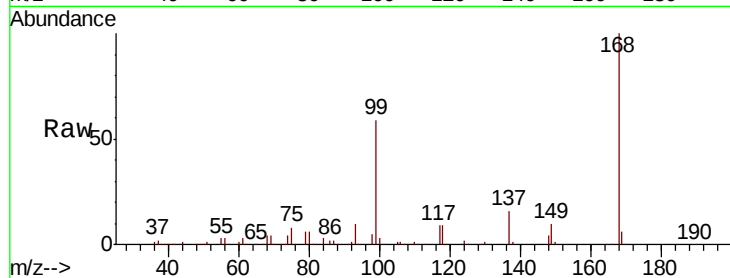
VW0605SBL01

Tgt Ion:168 Resp: 222228

Ion Ratio Lower Upper

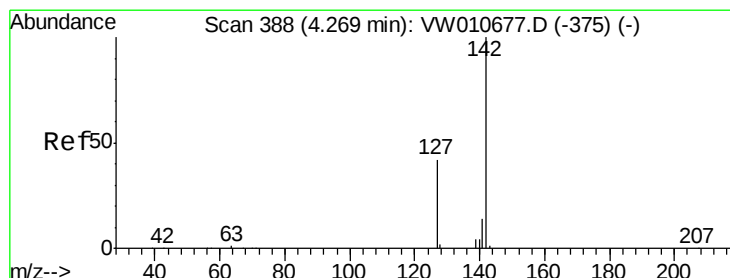
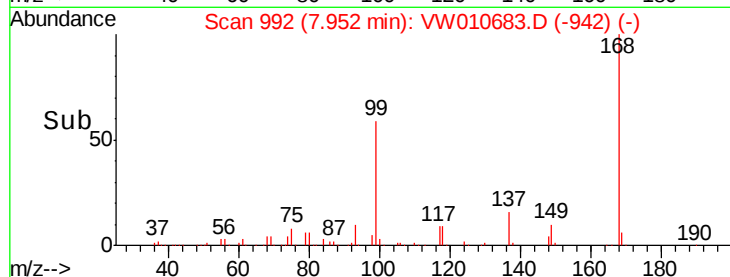
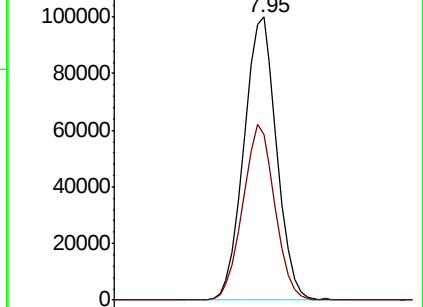
168 100

99 58.5 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: 4.931 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW010683.D

Acq: 05 Jun 2019 10:54

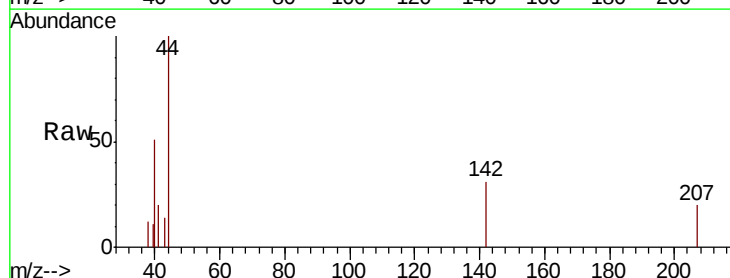
Tgt Ion:142 Resp: 337

Ion Ratio Lower Upper

142 100

127 24.3 34.6 51.8#

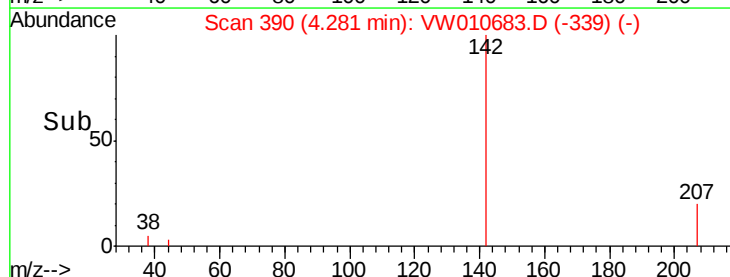
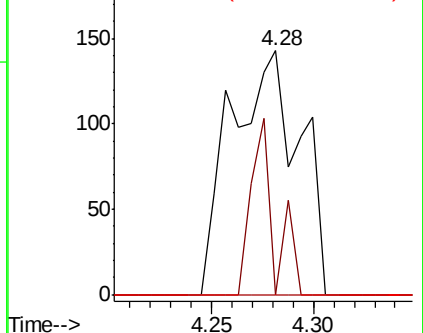
141 0.0 11.6 17.4#

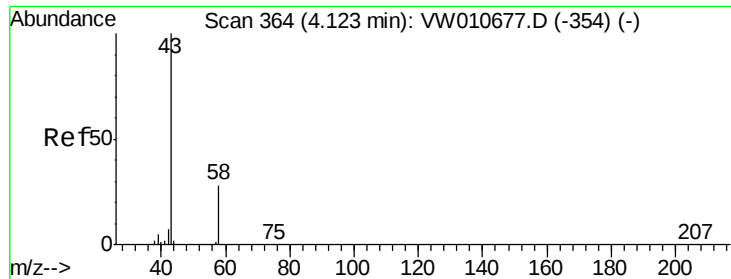


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

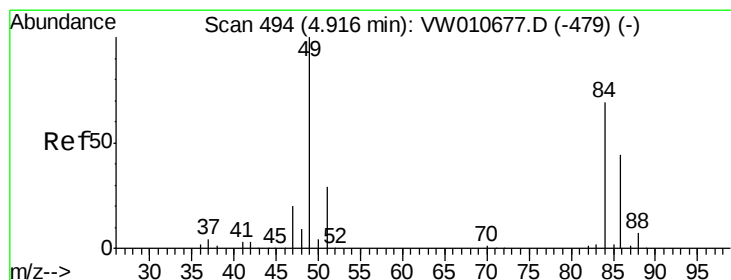
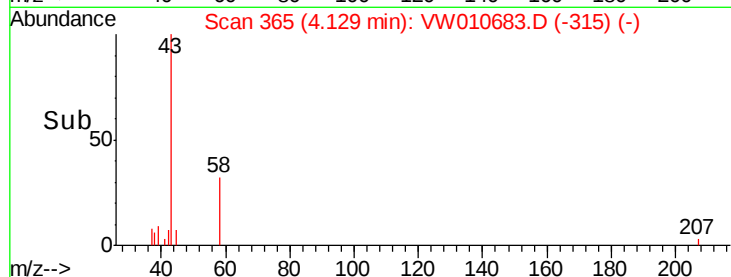
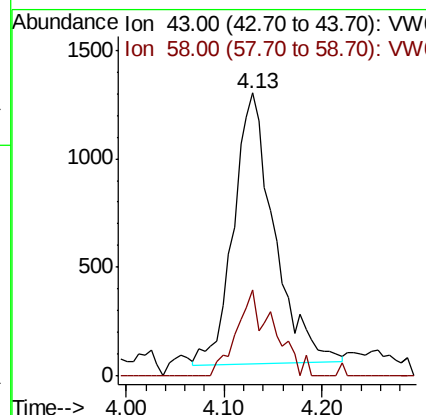
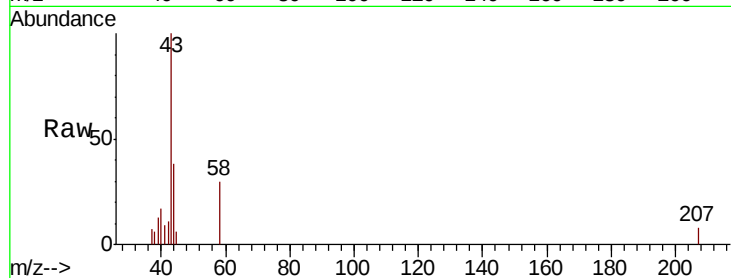




#16
Acetone
Concen: 5.115 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010683.D
Acq: 05 Jun 2019 10:54

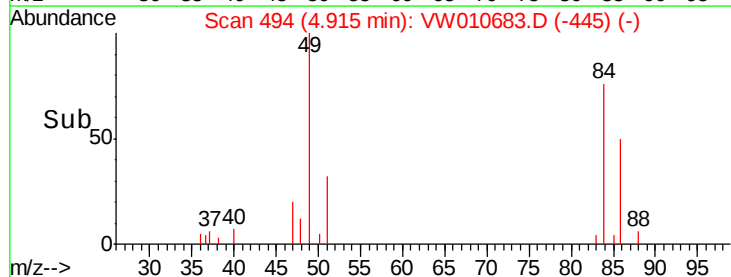
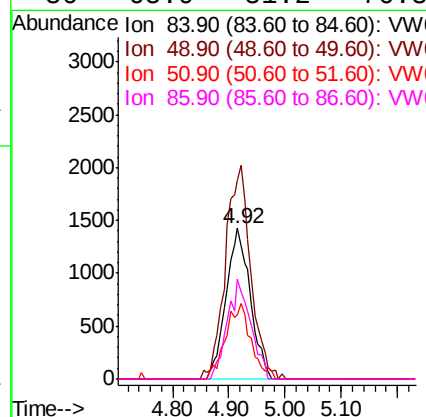
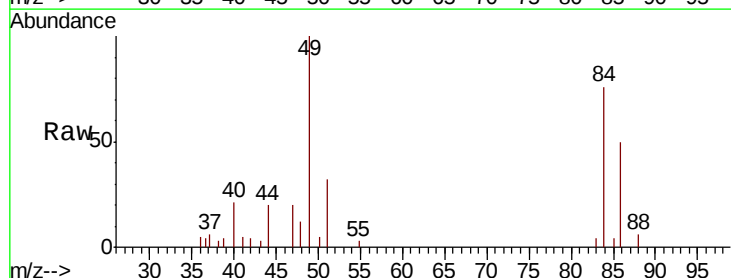
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBL01

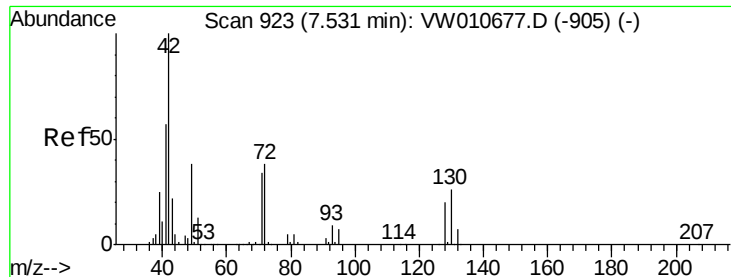
Tgt Ion: 43 Resp: 3590
Ion Ratio Lower Upper
43 100
58 32.0 22.1 33.1



#20
Methylene Chloride
Concen: 1.726 ug/l m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010683.D
Acq: 05 Jun 2019 10:54

Tgt Ion: 84 Resp: 4249
Ion Ratio Lower Upper
84 100
49 131.4 116.7 175.1
51 42.2 34.2 51.2
86 65.9 51.2 76.8

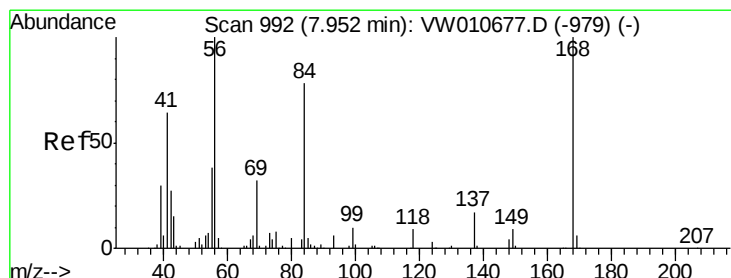
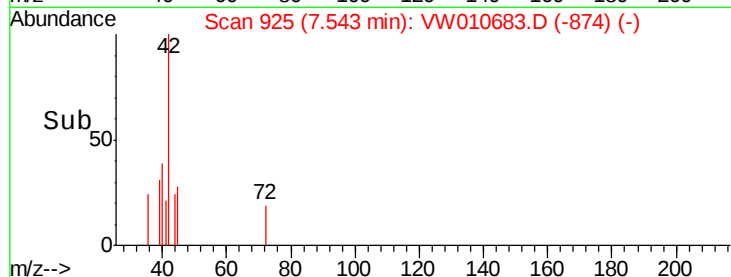
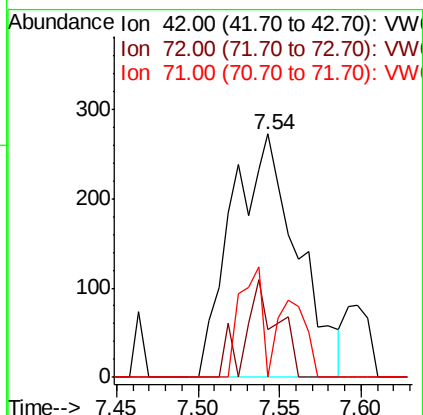
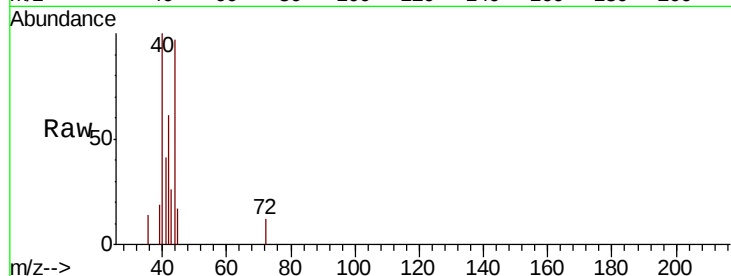




#29
Tetrahydrofuran
Concen: 1.246 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW010683.D
Acq: 05 Jun 2019 10:54

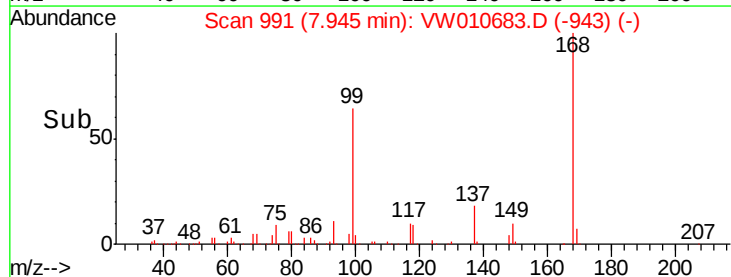
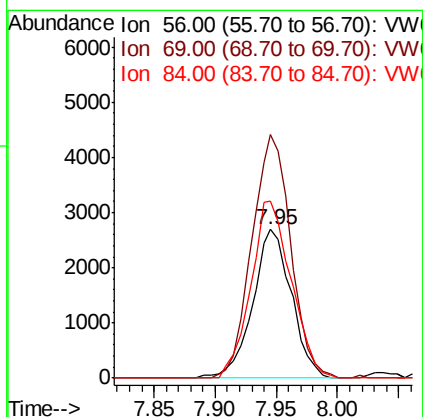
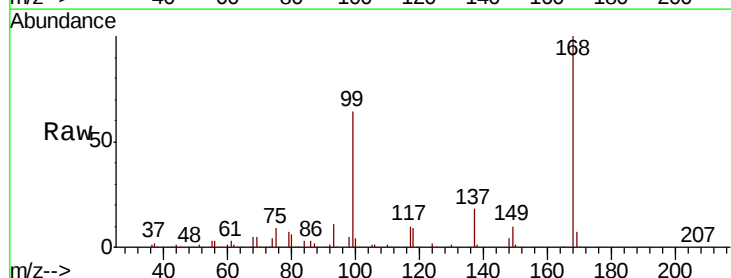
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBL01

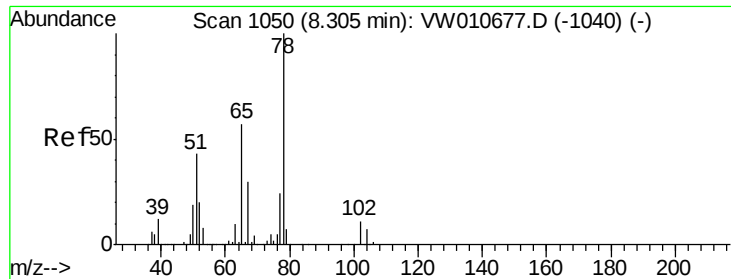
Tgt Ion: 42 Resp: 763
Ion Ratio Lower Upper
42 100
72 19.8 28.7 43.1#
71 15.3 26.6 39.8#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010683.D
Acq: 05 Jun 2019 10:54

Tgt Ion: 56 Resp: 5926
Ion Ratio Lower Upper
56 100
69 163.8 25.2 37.8#
84 119.0 62.2 93.2#

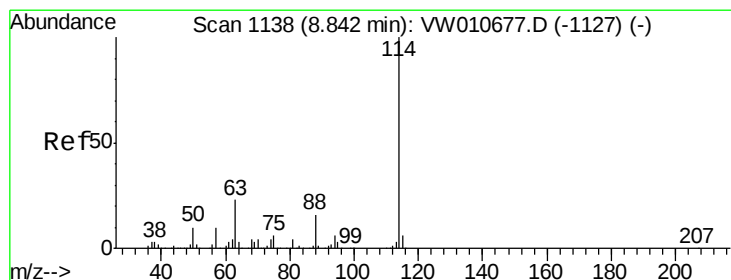
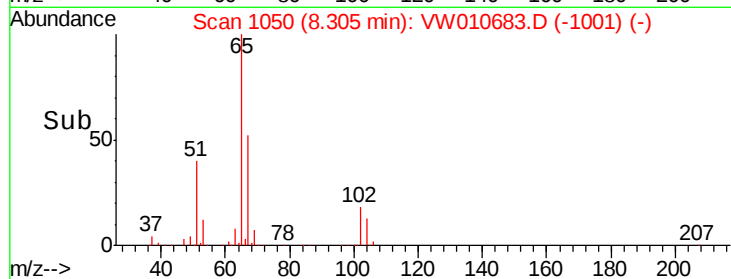
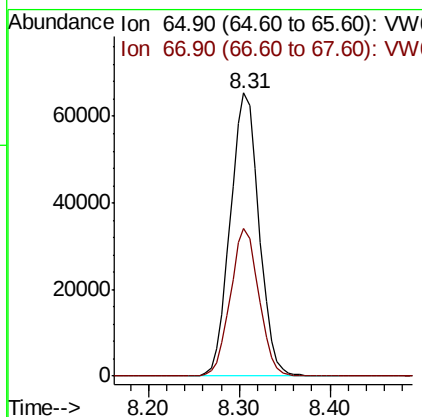
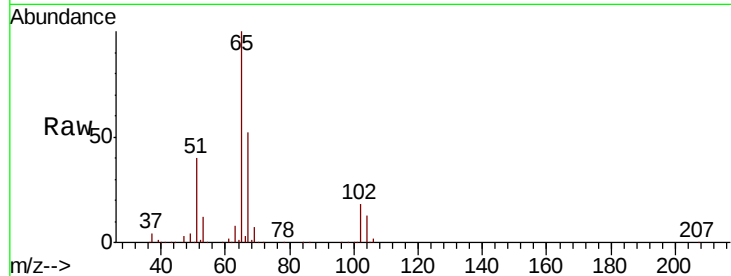




#33
 1,2-Dichloroethane-d4
 Concen: 54.969 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010683.D
 Acq: 05 Jun 2019 10:54

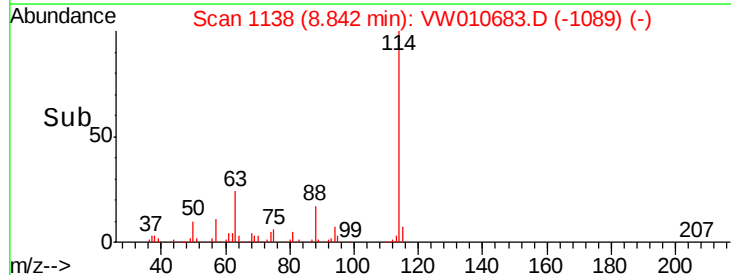
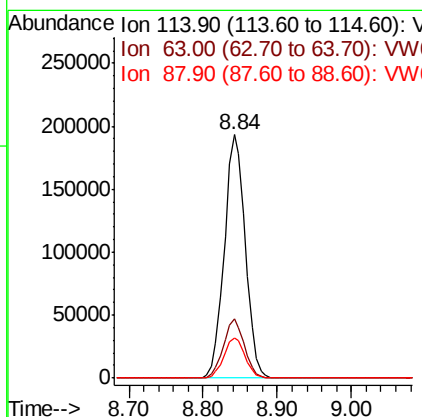
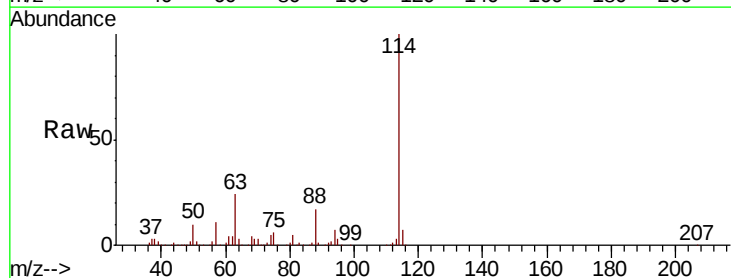
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBL01

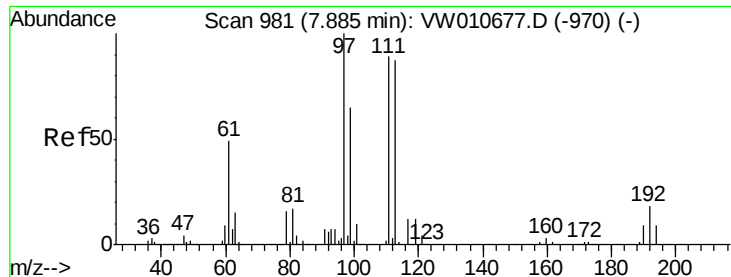
Tgt Ion: 65 Resp: 143982
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010683.D
 Acq: 05 Jun 2019 10:54

Tgt Ion: 114 Resp: 380132
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.4
 88 16.7 0.0 32.2

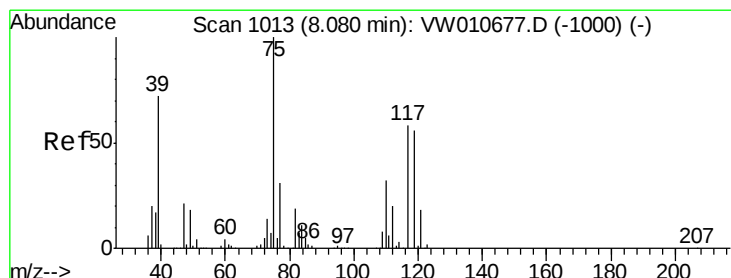
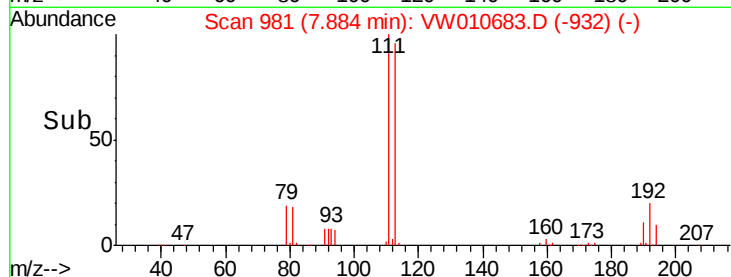
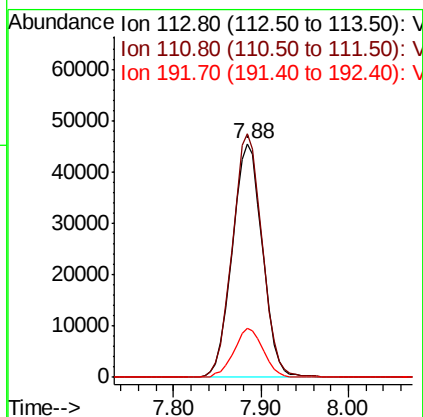
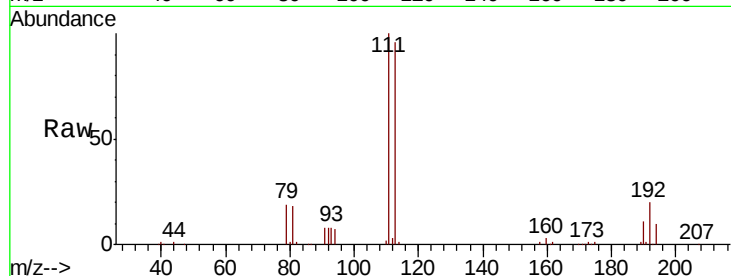




#35
 Dibromofluoromethane
 Concen: 52.729 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010683.D
 Acq: 05 Jun 2019 10:54

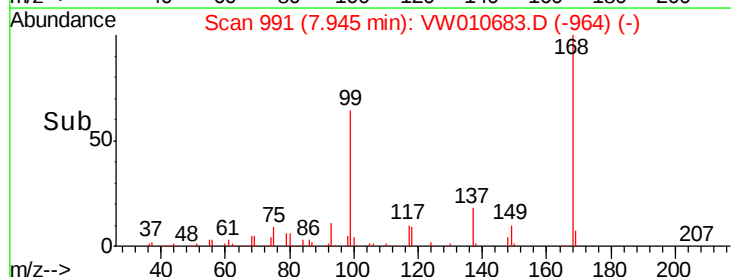
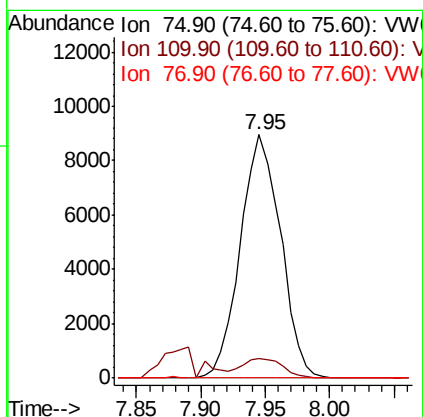
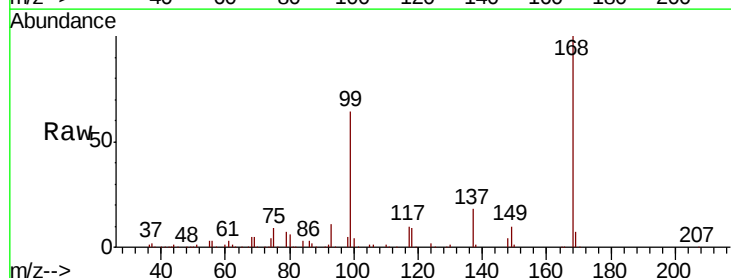
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBL01

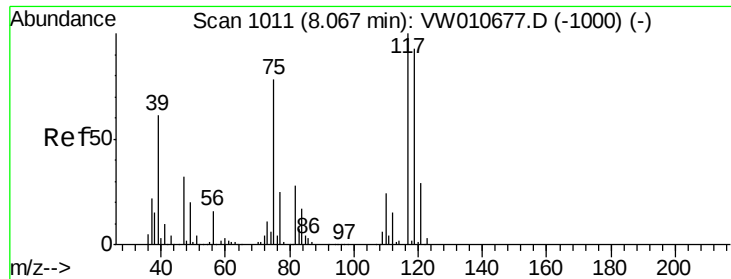
Tgt Ion:113 Resp: 108794
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.6 123.8
 192 20.4 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.989 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010683.D
 Acq: 05 Jun 2019 10:54

Tgt Ion: 75 Resp: 19412
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.8 47.3#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.587 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010683.D

Acq: 05 Jun 2019 10:54

Instrument :

MSVOA_W

ClientSampled :

VW0605SBL01

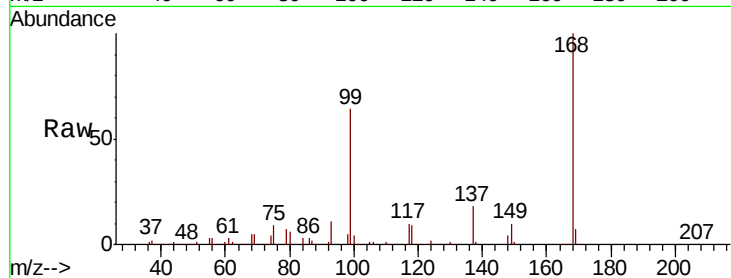
Tgt Ion:117 Resp: 22127

Ion Ratio Lower Upper

117 100

119 3.8 74.2 111.4#

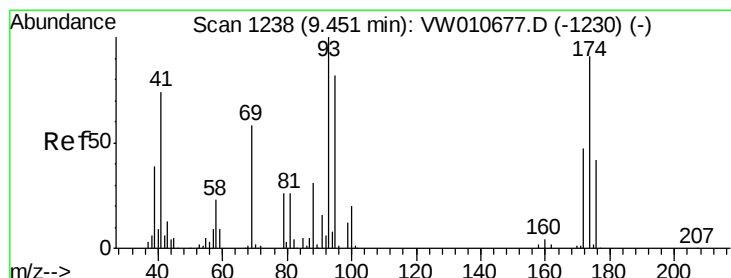
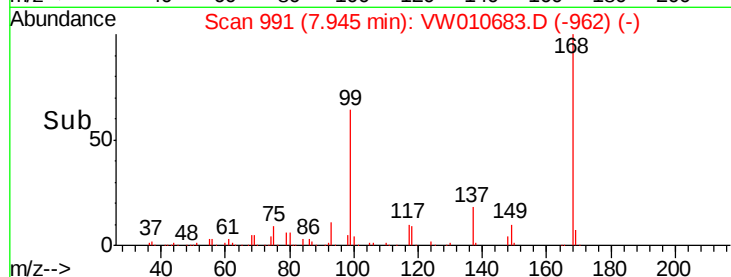
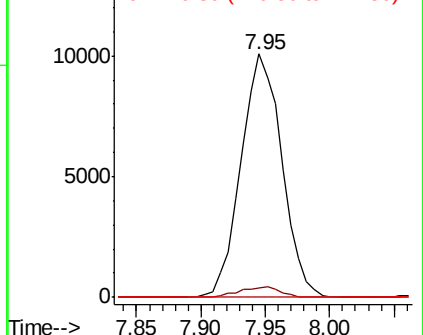
121 0.0 22.9 34.3#



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: 2.058 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010683.D

Acq: 05 Jun 2019 10:54

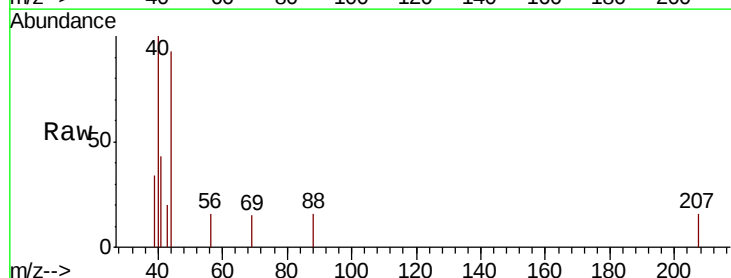
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 471.4 34.2 51.4#

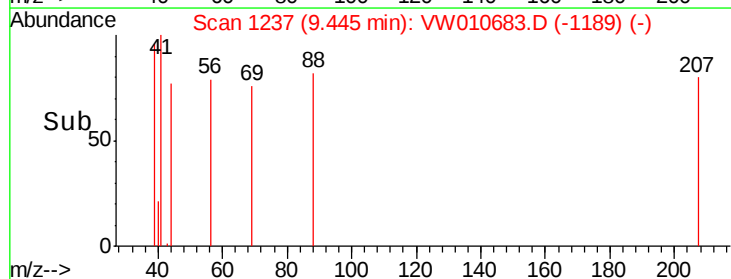
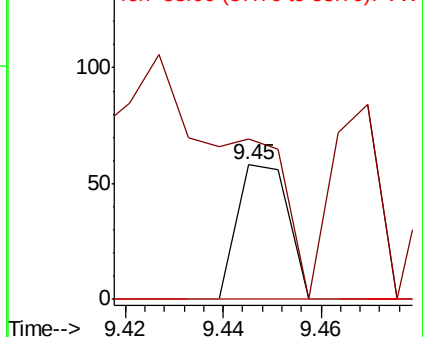
58 0.0 69.0 103.4#

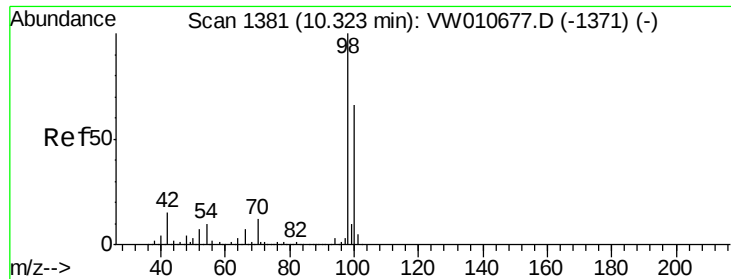


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 53.797 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010683.D

Acq: 05 Jun 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

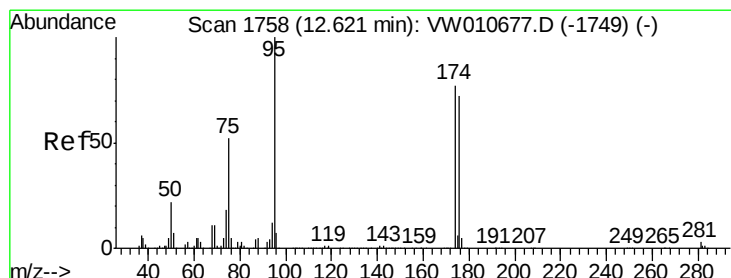
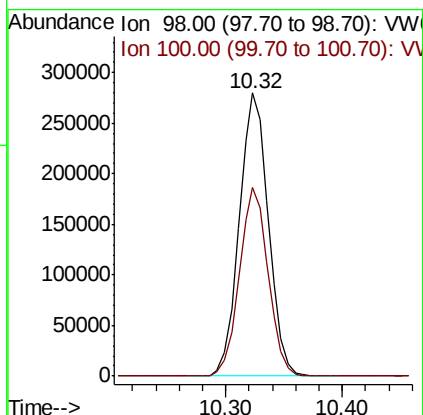
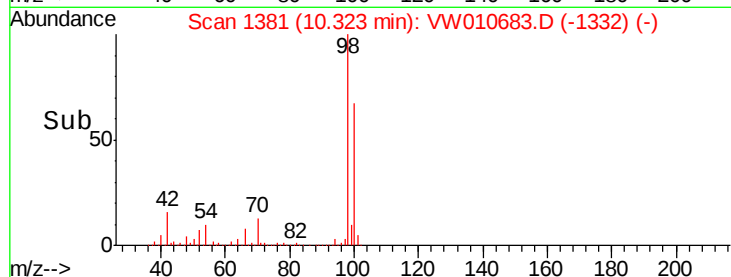
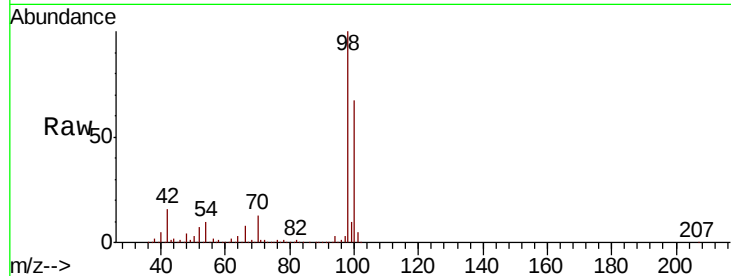
VW0605SBL01

Tgt Ion: 98 Resp: 486743

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 50.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010683.D

Acq: 05 Jun 2019 10:54

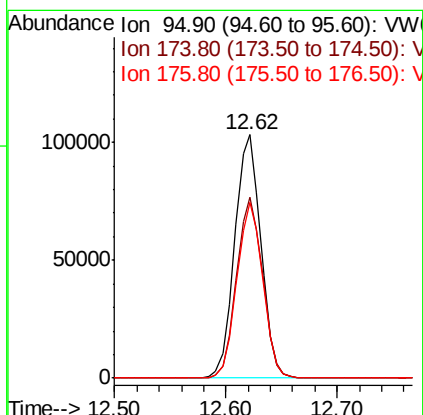
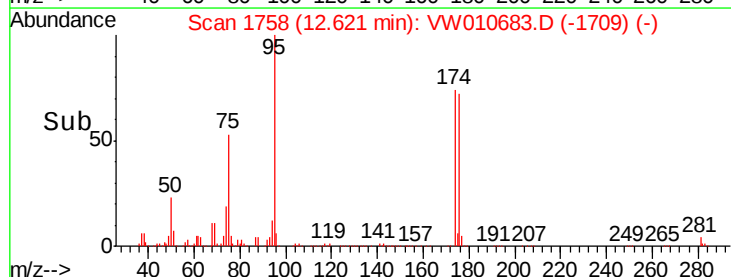
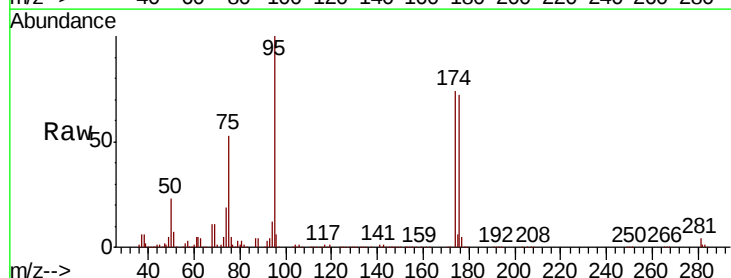
Tgt Ion: 95 Resp: 167500

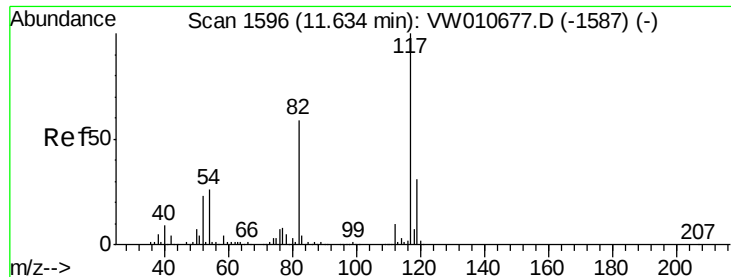
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.4

176 71.5 0.0 144.8

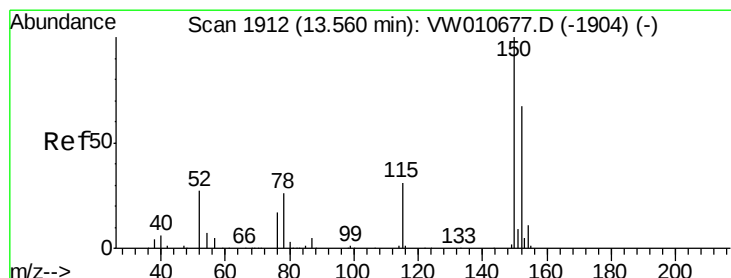
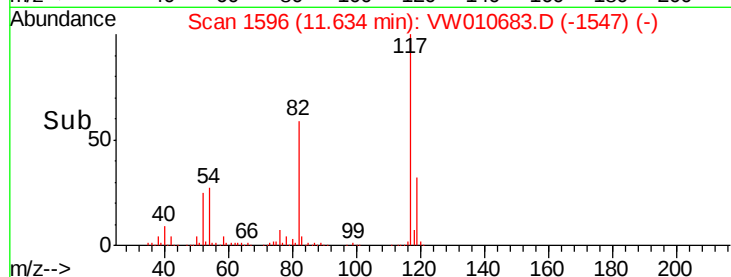
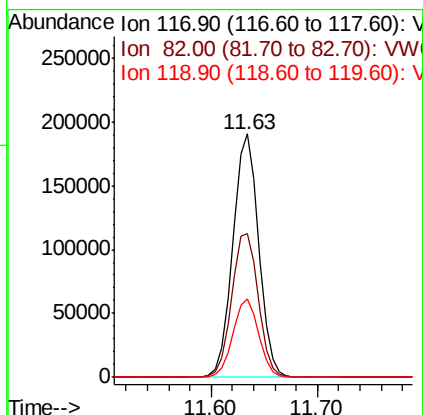
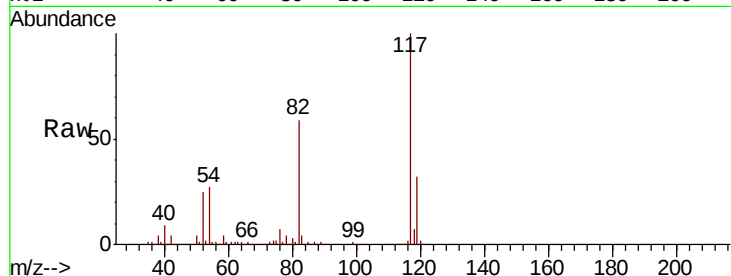




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010683.D
Acq: 05 Jun 2019 10:54

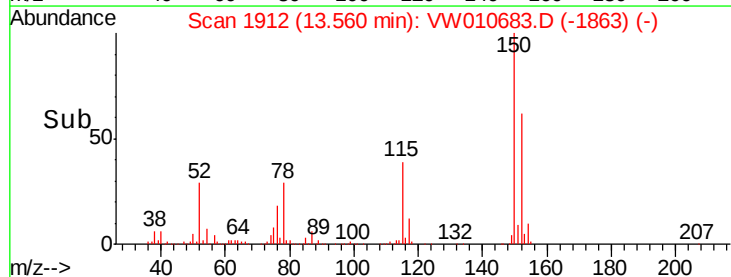
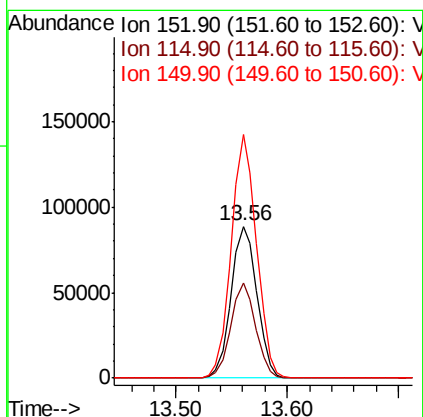
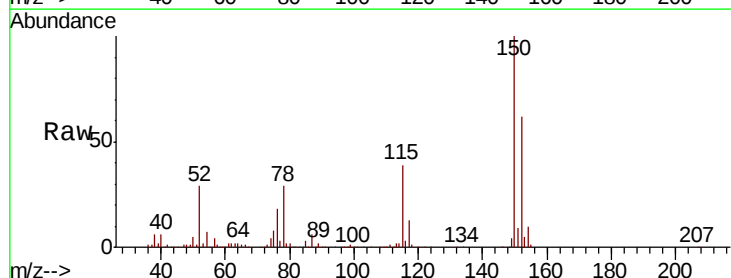
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBL01

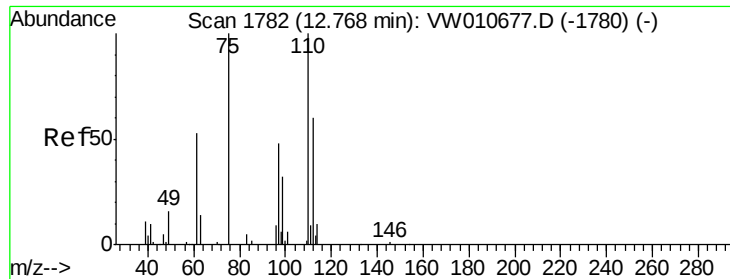
Tgt Ion:117 Resp: 324282
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.4
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010683.D
Acq: 05 Jun 2019 10:54

Tgt Ion:152 Resp: 142381
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 60.521 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010683.D

Acq: 05 Jun 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

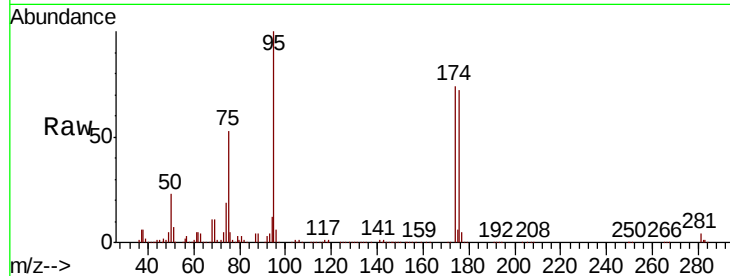
VW0605SBL01

Tgt Ion: 75 Resp: 90490

Ion Ratio Lower Upper

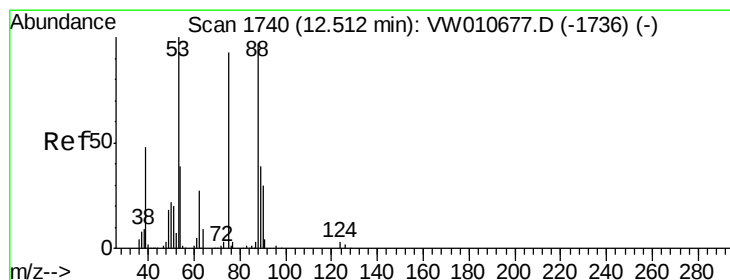
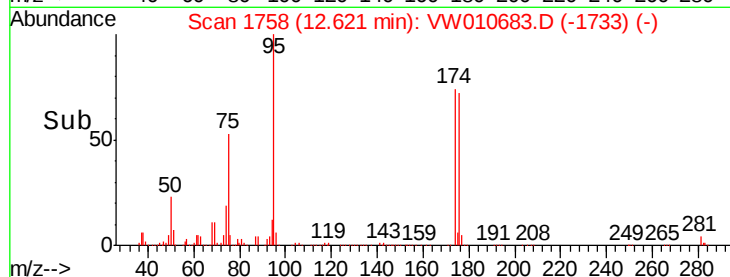
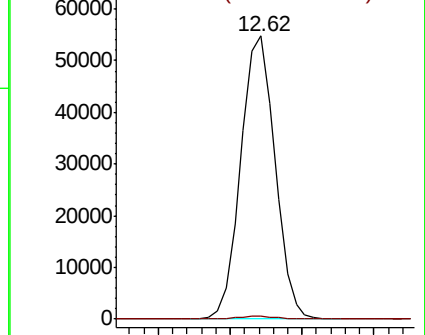
75 100

77 1.1 0.0 0.0#



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: 139.096 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010683.D

Acq: 05 Jun 2019 10:54

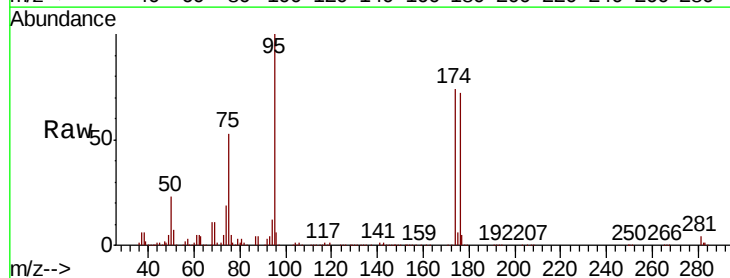
Tgt Ion: 75 Resp: 90490

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

