

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006480.D
 Acq On : 30 Oct 2018 04:27
 Operator : SY/AP
 Sample : J5625-14RE
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-07RE

Quant Time: Oct 30 05:41:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

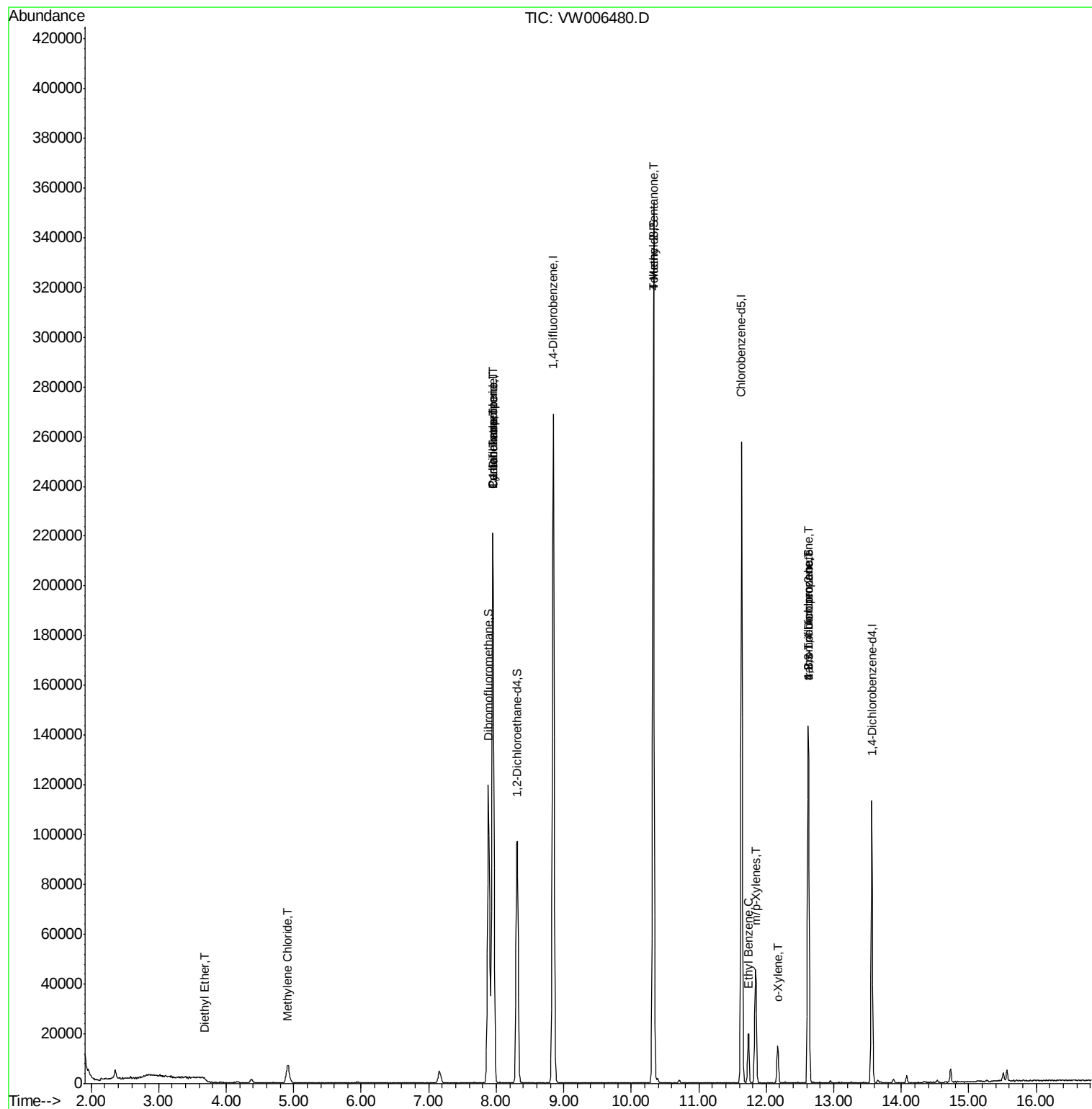
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	182037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79710	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.88	113	84611	58.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.60%	
50) Toluene-d8	10.33	98	237113	43.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.64%	
62) 4-Bromofluorobenzene	12.62	95	43430	21.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.24%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	883	1.077	ug/l	70
16) Acetone	4.14	43	187	Below Cal	#	45
20) Methylene Chloride	4.91	84	6043	2.229	ug/l #	89
31) Cyclohexane	7.95	56	3196	1.157	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	11391	5.075	ug/l #	49
38) Carbon Tetrachloride	7.95	117	15674	6.370	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	949	1.111	ug/l #	1
67) Ethyl Benzene	11.74	91	14047	2.541	ug/l	99
68) m/p-Xylenes	11.84	106	14703	6.729	ug/l	99
69) o-Xylene	12.17	106	3998	1.920	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	22020	90.530	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22020	216.404	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

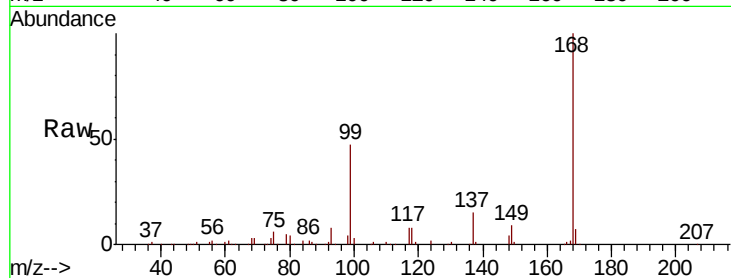
DW-07RE

Tot Ion:168 Resp: 182037

Ion Ratio Lower Upper

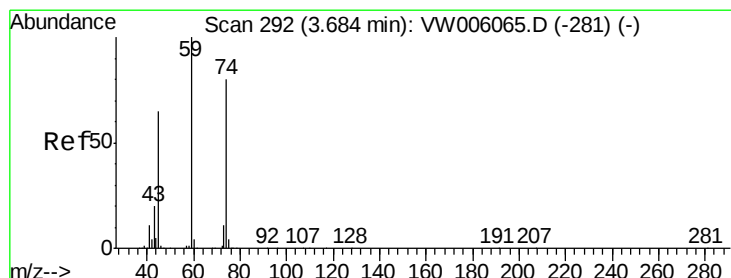
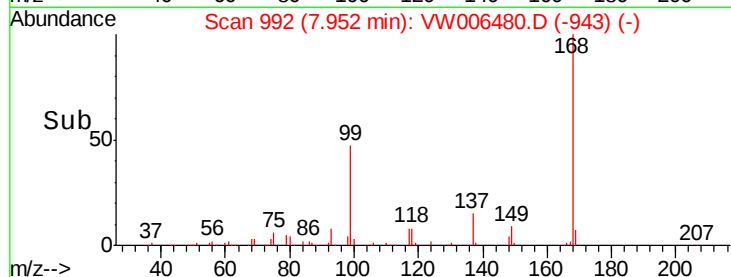
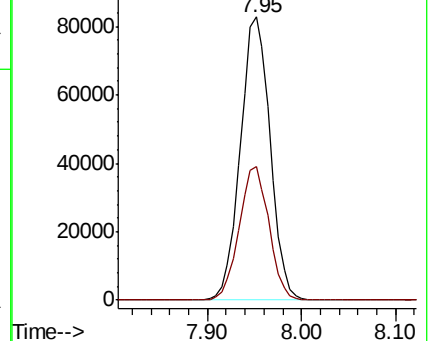
168 100

99 47.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.077 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006480.D

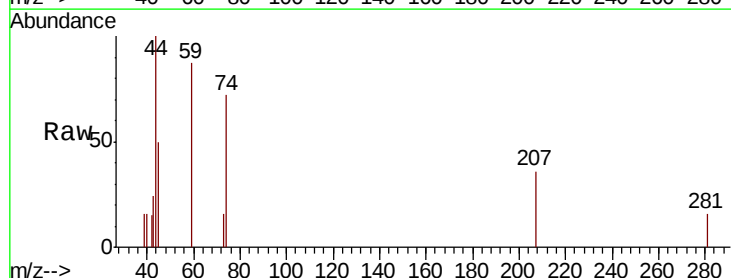
Acq: 30 Oct 2018 04:27

Tgt Ion: 74 Resp: 883

Ion Ratio Lower Upper

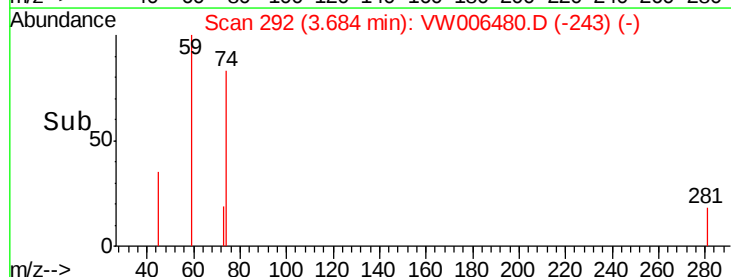
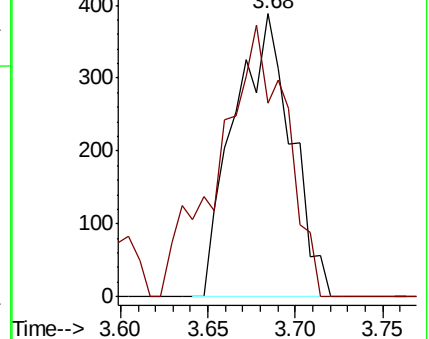
74 100

45 113.4 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

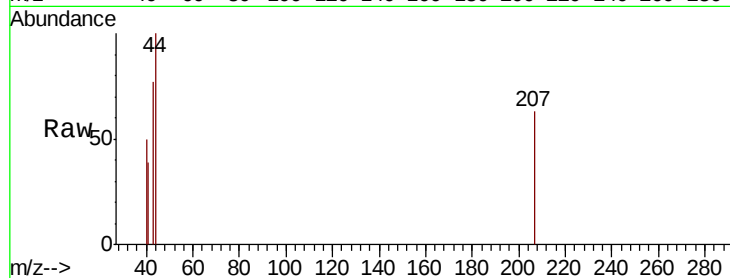
DW-07RE

Tot Ion: 43 Resp: 187

Ion Ratio Lower Upper

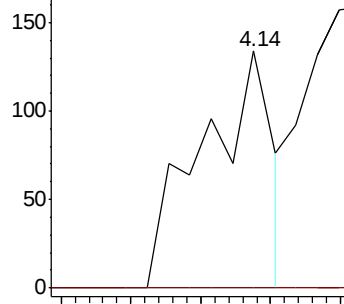
43 100

58 0.0 24.0 36.0#

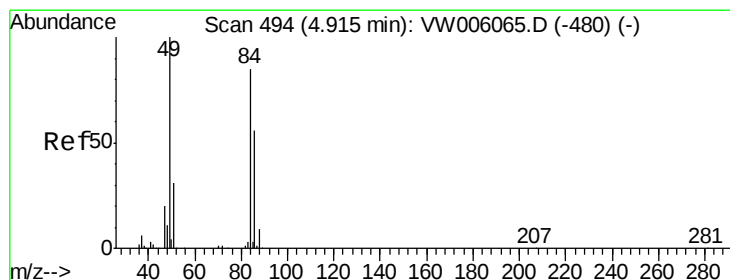
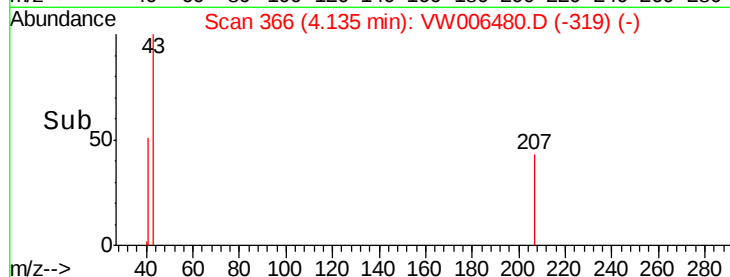


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 4.08 4.10 4.12 4.14



#20

Methylene Chloride

Concen: 2.229 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Tgt Ion: 84 Resp: 6043

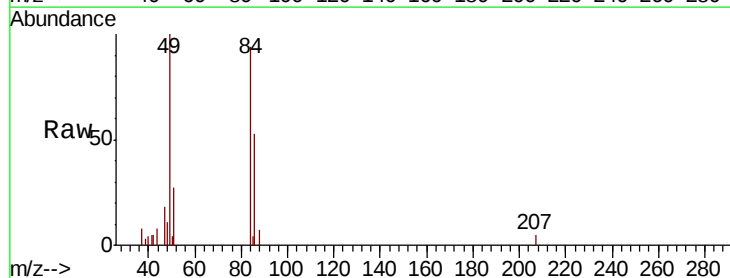
Ion Ratio Lower Upper

84 100

49 106.0 93.6 140.4

51 28.5 29.0 43.4#

86 56.0 52.6 79.0

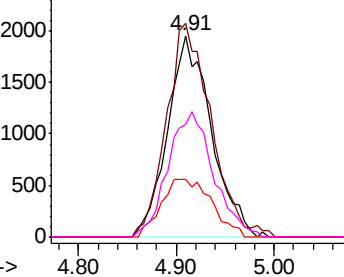


Abundance Ion 83.90 (83.60 to 84.60): VW

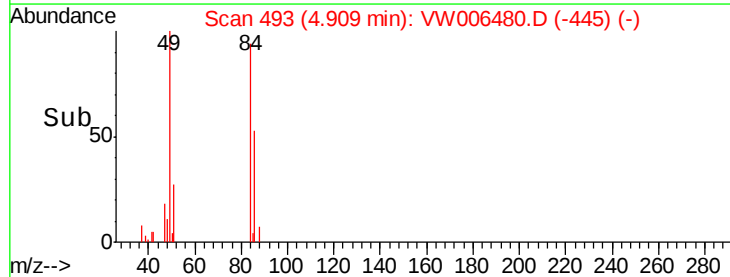
Ion 48.90 (48.60 to 49.60): VW

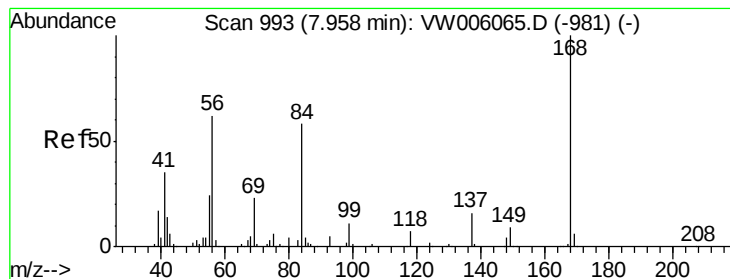
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time--> 4.80 4.90 5.00





#31

Cvclohexane

Concen: 1.157 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

DW-07RE

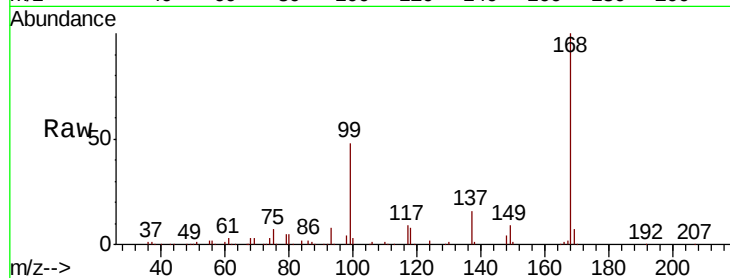
Tot Ion: 56 Resp: 3196

Ion Ratio Lower Upper

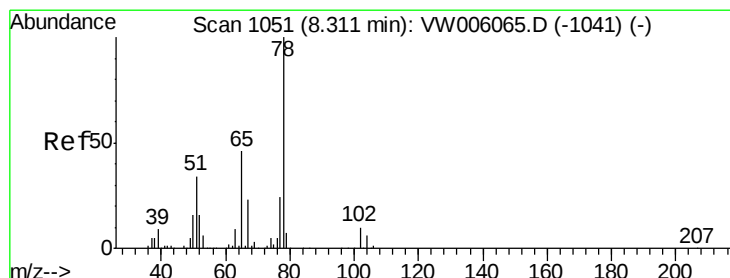
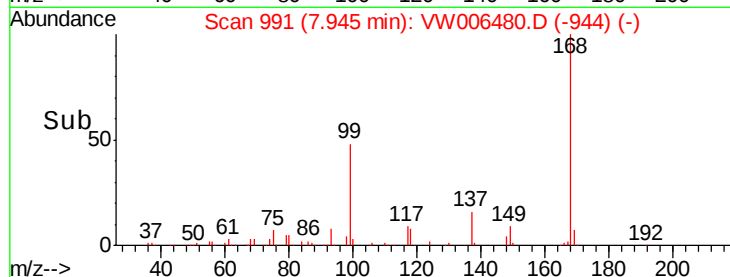
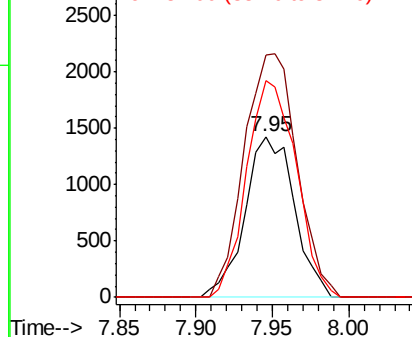
56 100

69 150.9 29.4 44.0#

84 135.1 74.0 111.0#



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: 52.817 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006480.D

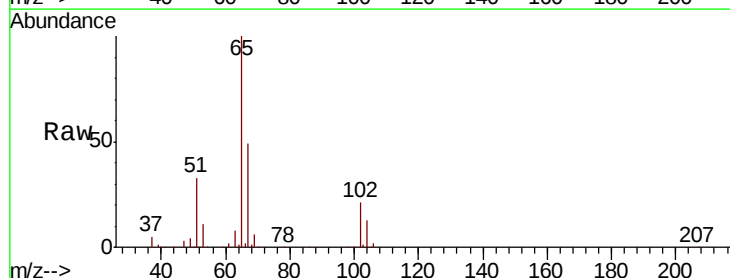
Acq: 30 Oct 2018 04:27

Tgt Ion: 65 Resp: 79710

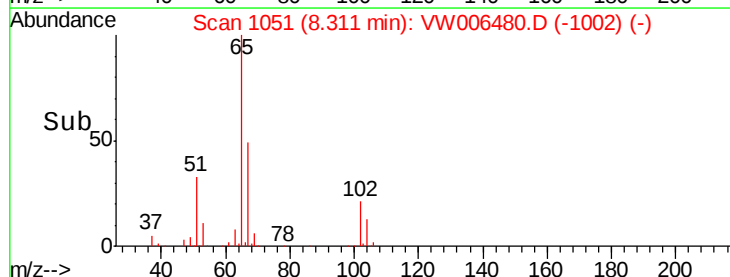
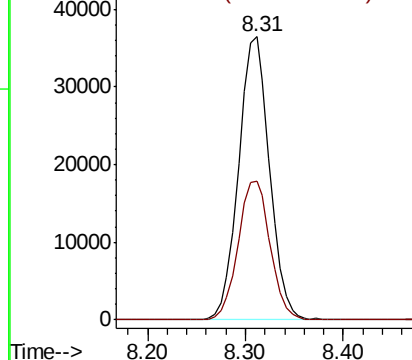
Ion Ratio Lower Upper

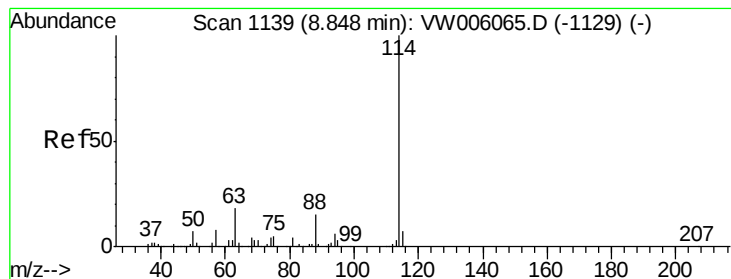
65 100

67 50.9 0.0 101.0



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

DW-07RE

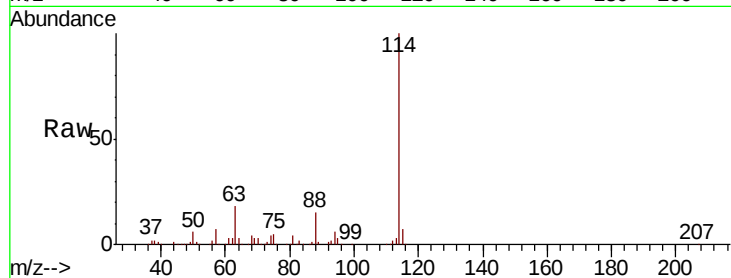
Tot Ion:114 Resp: 243502

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

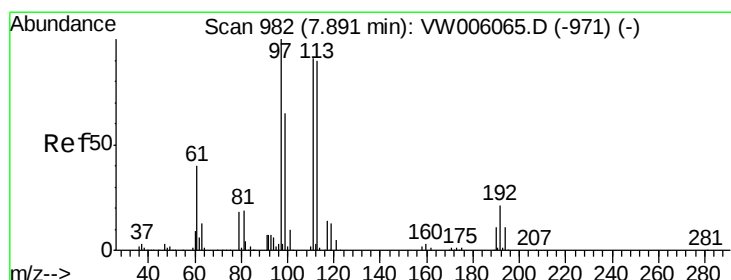
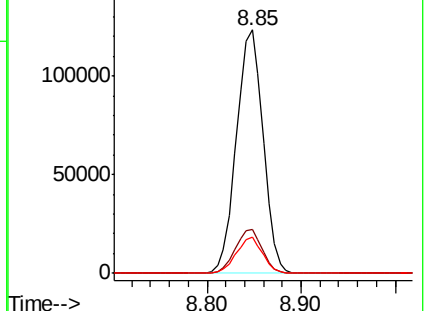
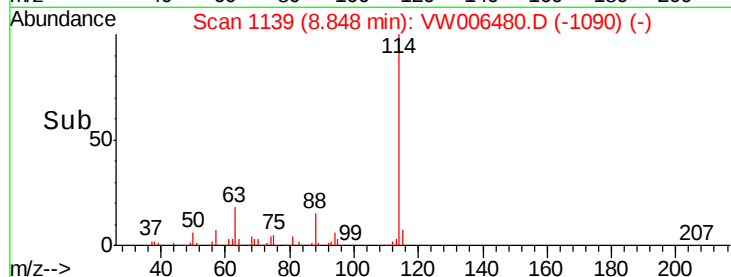
88 14.7 0.0 29.0



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: 58.805 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

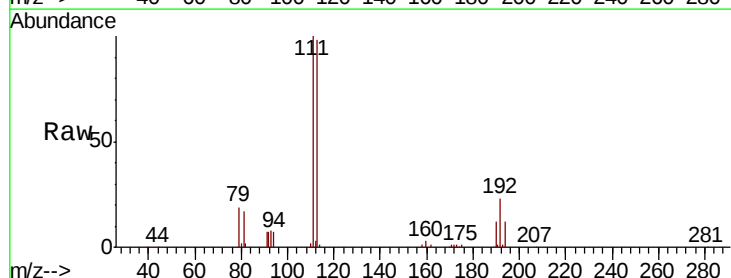
Tgt Ion:113 Resp: 84611

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

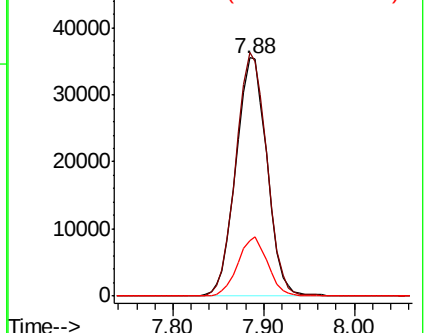
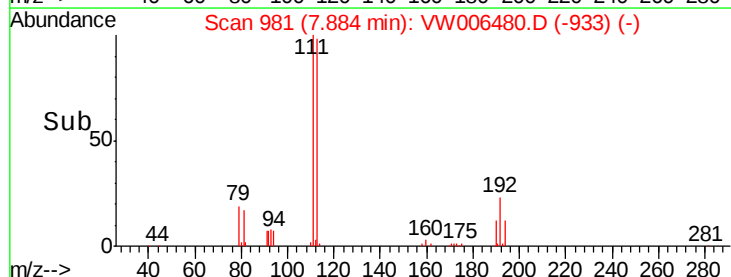
192 23.7 18.7 28.1

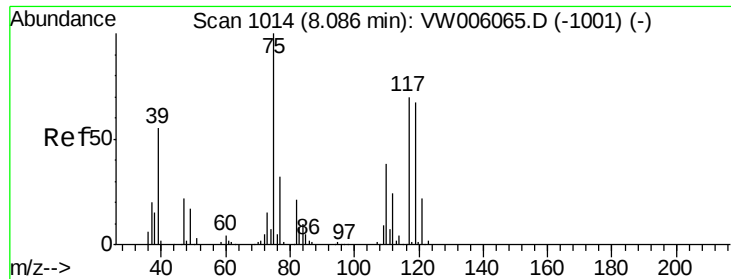


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

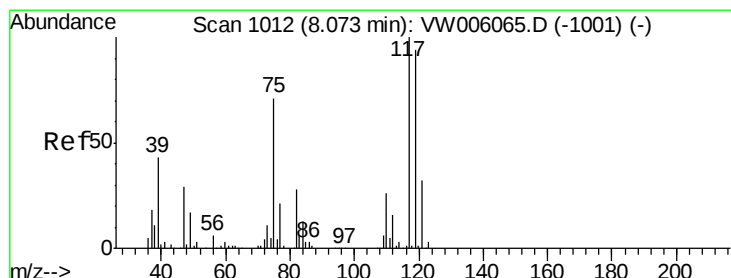
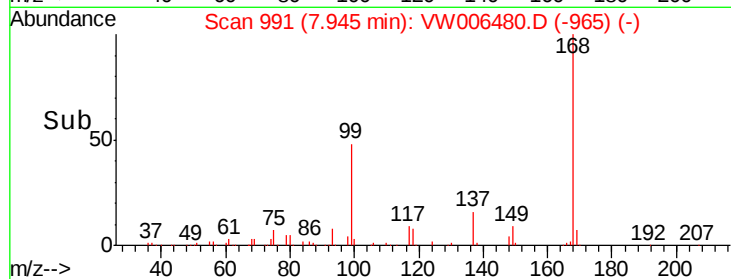
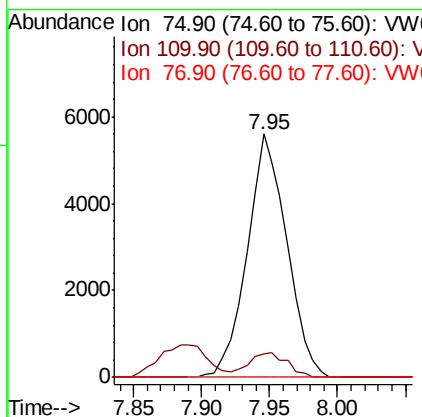
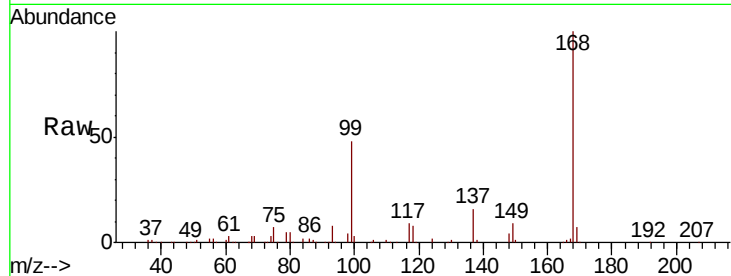




#36
 1,1-Dichloropropene
 Concen: 5.075 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006480.D
 Acq: 30 Oct 2018 04:27

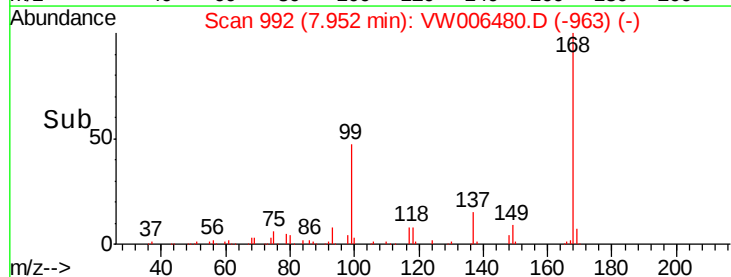
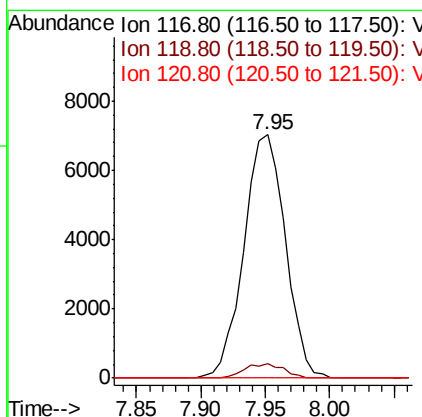
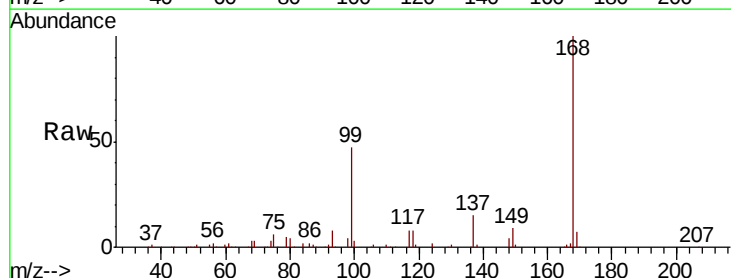
Instrument :
 MSVOA_W
 ClientSampled :
 DW-07RE

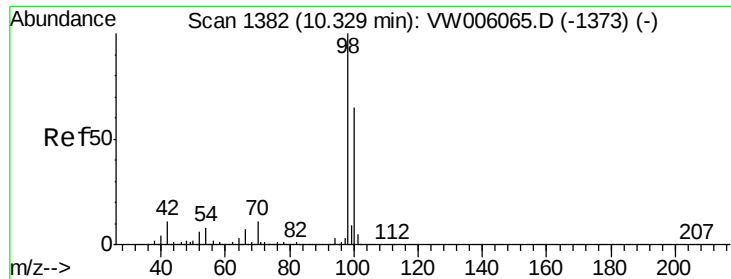
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.370 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006480.D
 Acq: 30 Oct 2018 04:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 43.316 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

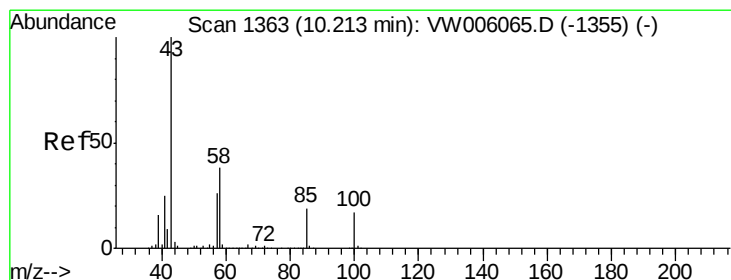
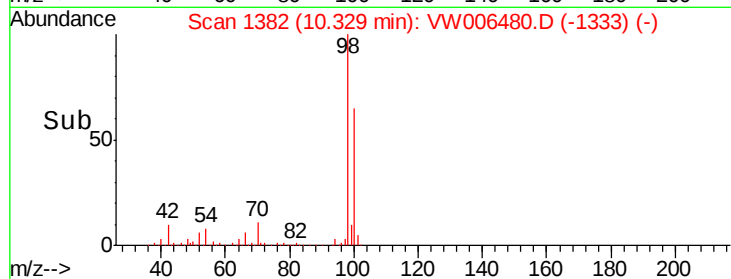
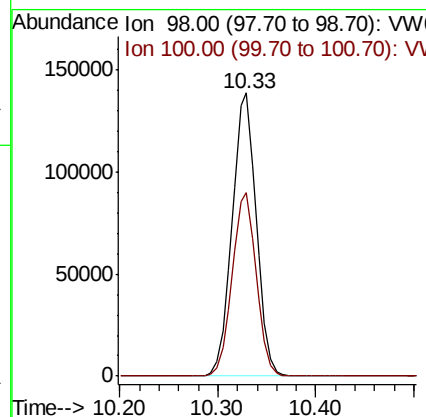
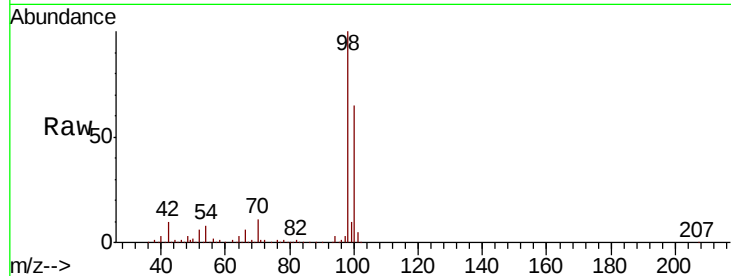
DW-07RE

Tot Ion: 98 Resp: 237113

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.111 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006480.D

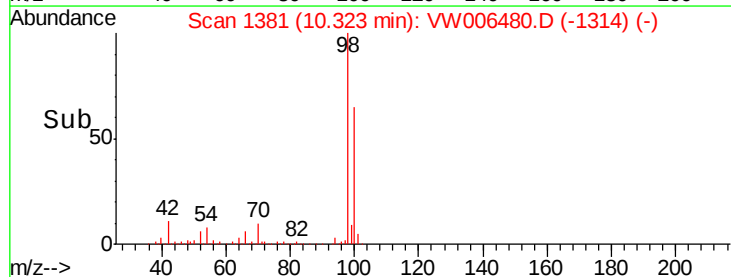
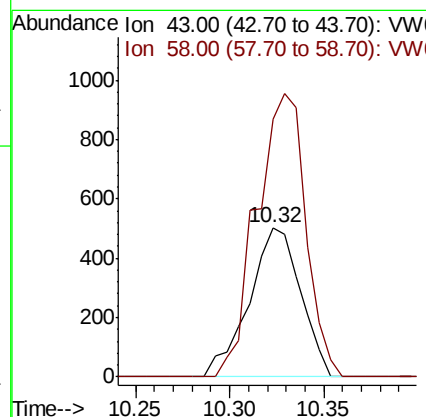
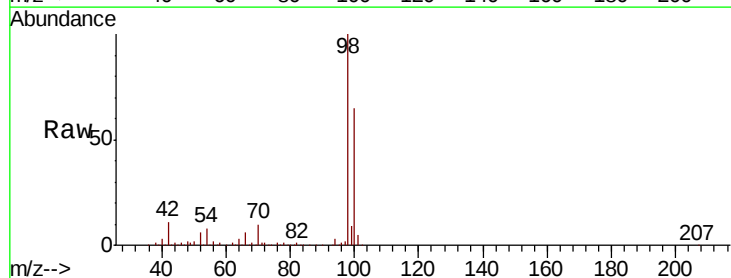
Acq: 30 Oct 2018 04:27

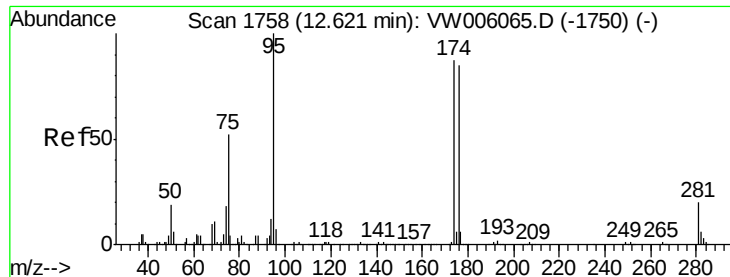
Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

43 100

58 182.3 31.5 47.3#





#62

4-Bromofluorobenzene

Concen: 21.124 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

DW-07RE

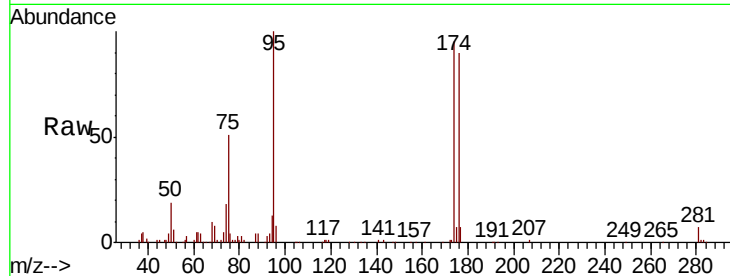
Tot Ion: 95 Resp: 43430

Ion Ratio Lower Upper

95 100

174 98.6 0.0 186.0

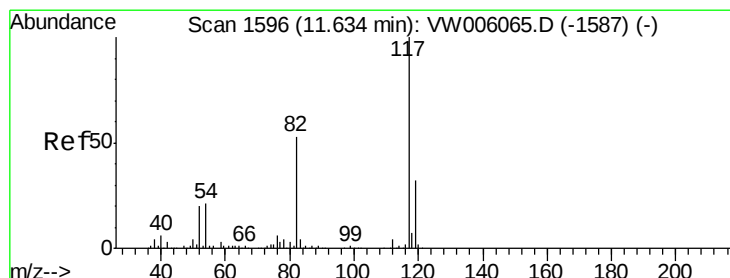
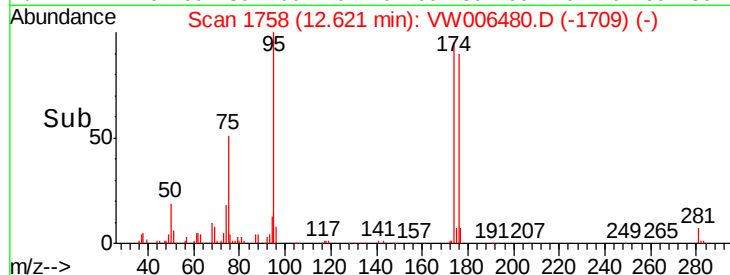
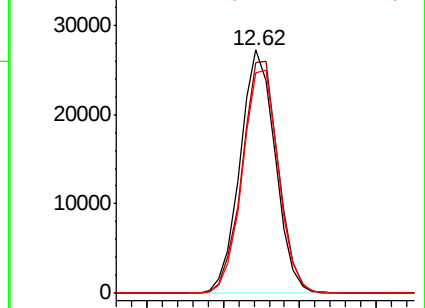
176 94.3 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

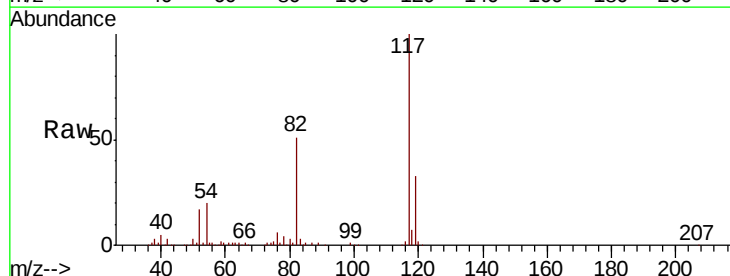
Tgt Ion: 117 Resp: 149005

Ion Ratio Lower Upper

117 100

82 50.9 42.1 63.1

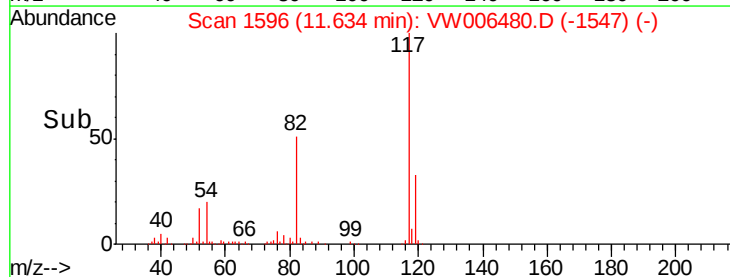
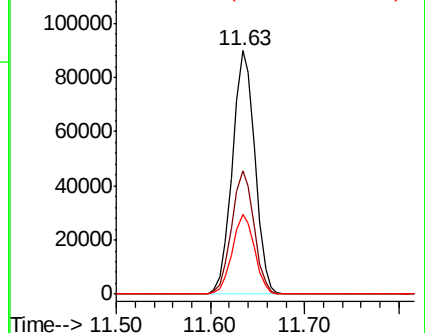
119 32.7 25.8 38.6

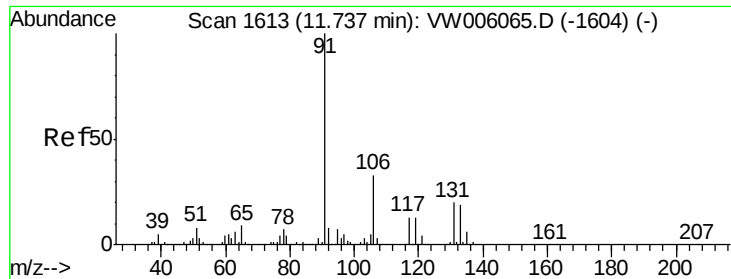


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

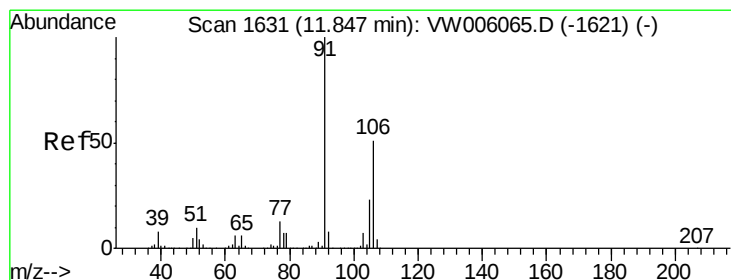
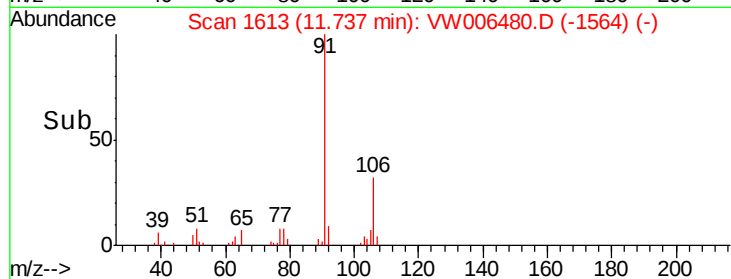
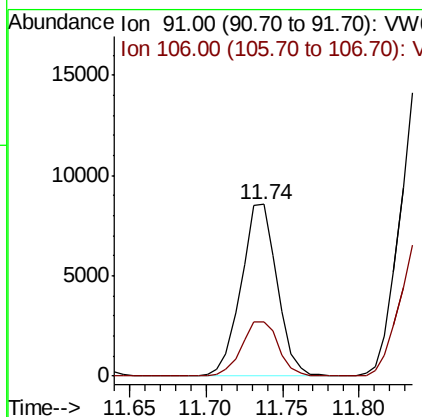
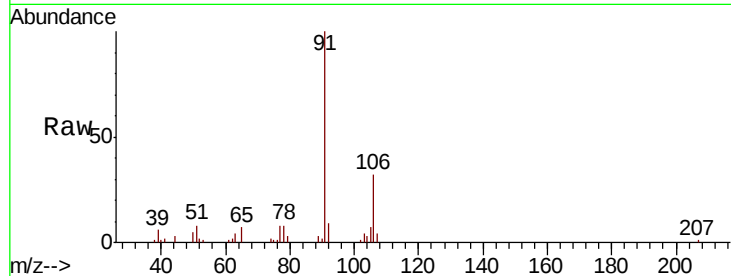




#67
Ethyl Benzene
Concen: 2.541 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006480.D
Acq: 30 Oct 2018 04:27

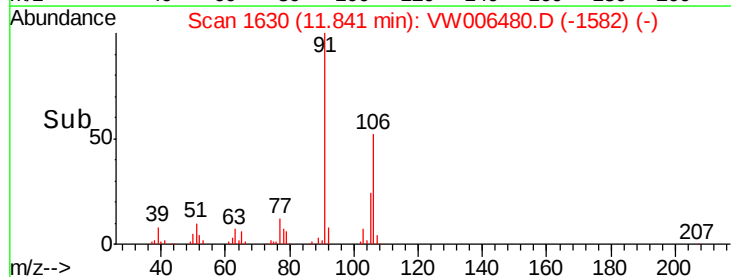
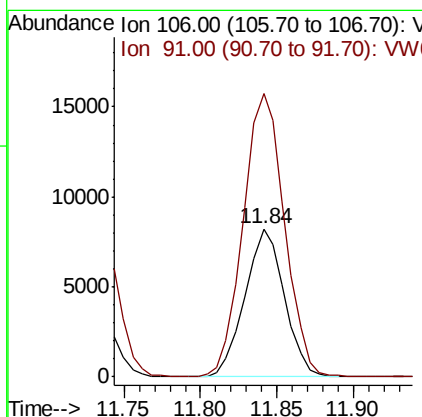
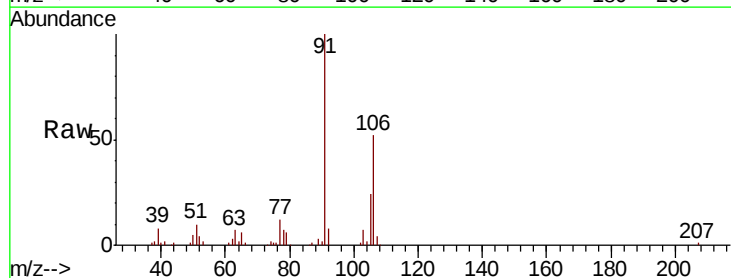
Instrument :
MSVOA_W
ClientSampleID :
DW-07RE

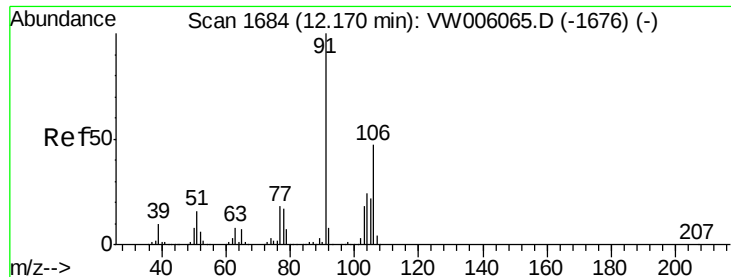
Tot Ion: 91 Resp: 14047
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1



#68
m/p-Xylenes
Concen: 6.729 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006480.D
Acq: 30 Oct 2018 04:27

Tgt Ion: 106 Resp: 14703
Ion Ratio Lower Upper
106 100
91 200.6 159.1 238.7

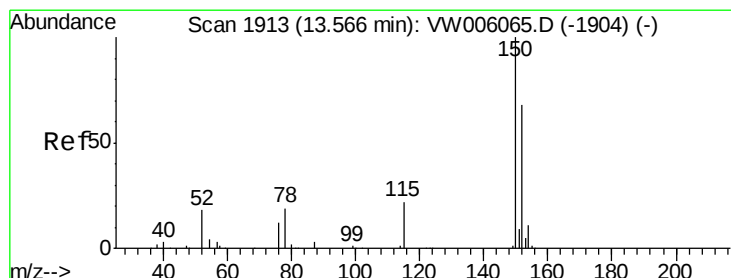
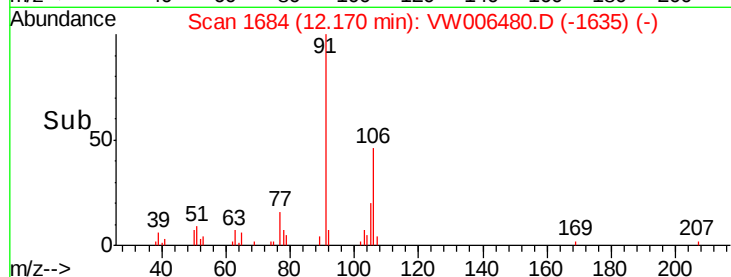
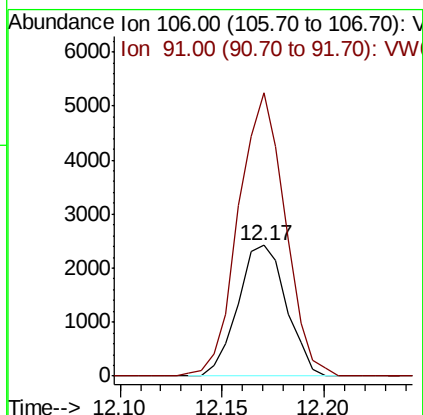
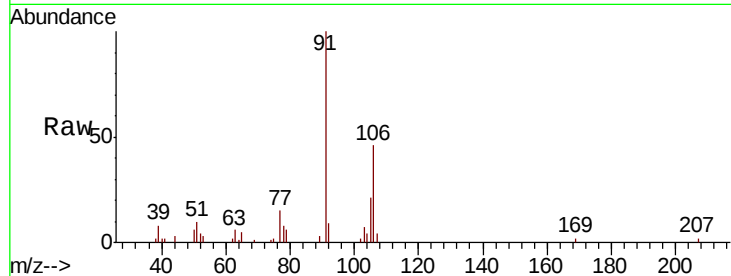




#69
o-Xylene
Concen: 1.920 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006480.D
Acq: 30 Oct 2018 04:27

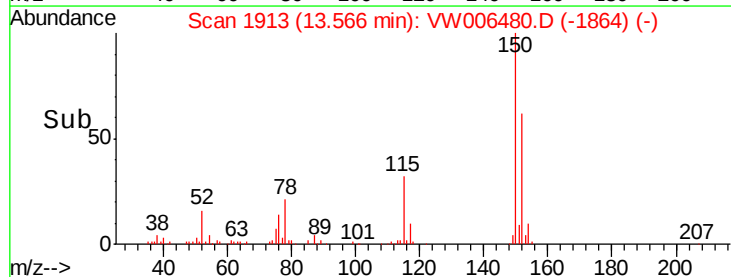
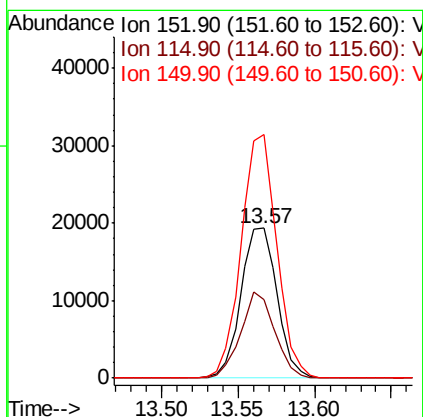
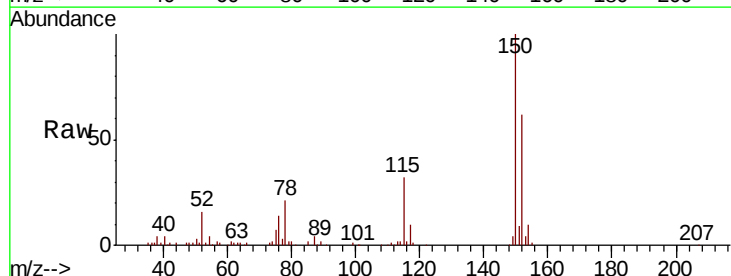
Instrument :
MSVOA_W
ClientSampleId :
DW-07RE

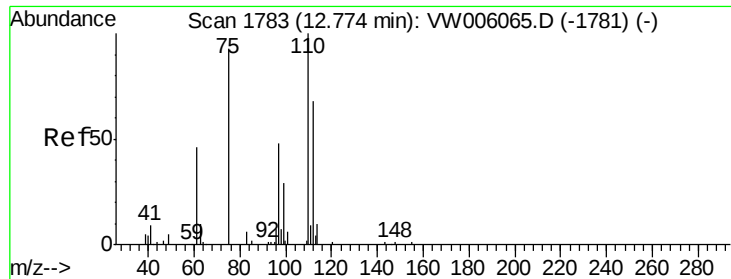
Tot Ion:106 Resp: 3998
Ion Ratio Lower Upper
106 100
91 208.3 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006480.D
Acq: 30 Oct 2018 04:27

Tgt Ion:152 Resp: 31845
Ion Ratio Lower Upper
152 100
115 53.8 27.8 83.3
150 159.5 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 90.530 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

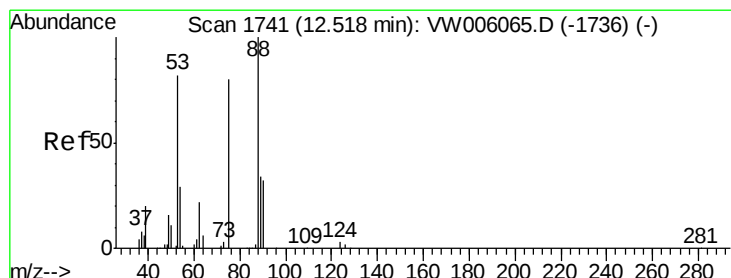
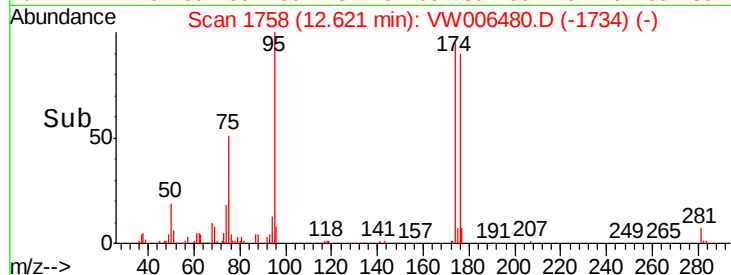
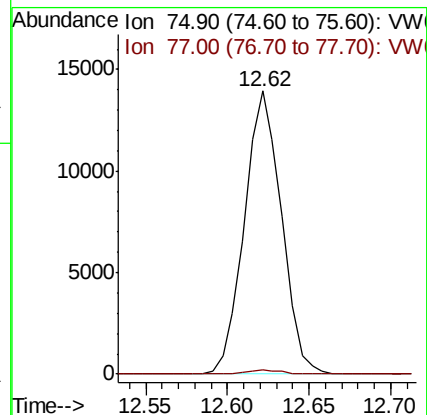
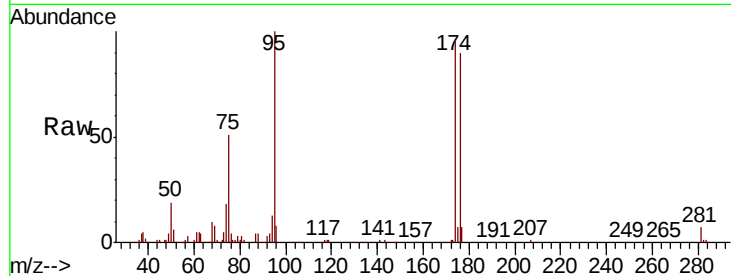
DW-07RE

Tot Ion: 75 Resp: 22020

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 216.404 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006480.D

Acq: 30 Oct 2018 04:27

Tgt Ion: 75 Resp: 22020

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

