

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006117.D
 Acq On : 17 Oct 2018 09:57
 Operator : VA/AP
 Sample : J5200-09
 Misc : 6.31G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-101618-A

Quant Time: Oct 17 11:38:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	419183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	140426	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	126030	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
35) Dibromofluoromethane	7.88	113	119694	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	10.33	98	381619	40.50	ug/l	0.00
Spiked Amount			Recovery	=	81.00%	
62) 4-Bromofluorobenzene	12.62	95	133440	37.70	ug/l	0.00
Spiked Amount			Recovery	=	75.40%	

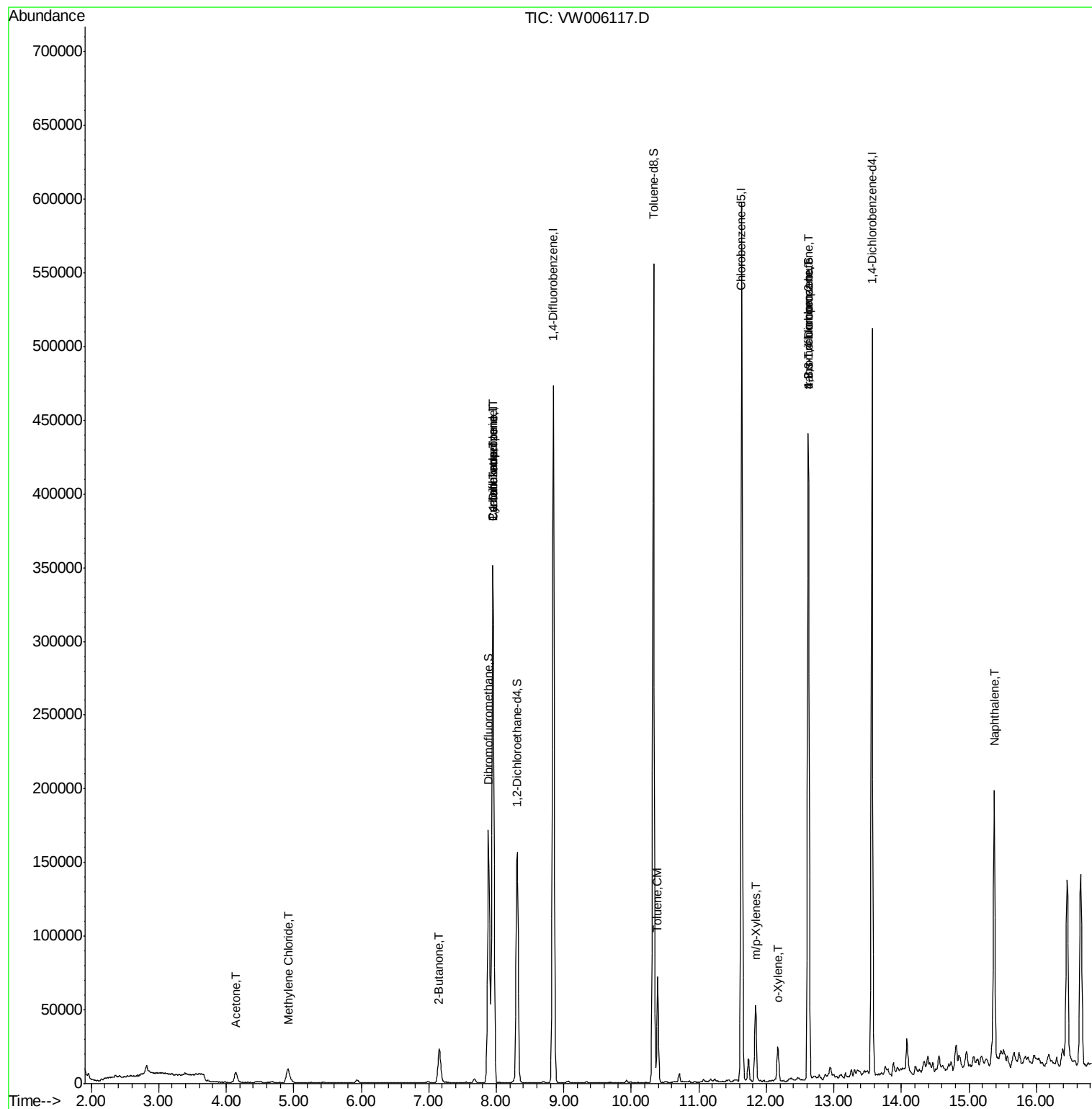
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	14098	18.77	ug/l	97
20) Methylene Chloride	4.92	84	8490	1.90	ug/l	93
25) 2-Butanone	7.15	43	1598	2.56	ug/l #	70
31) Cyclohexane	7.95	56	5135	1.21	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	18017	4.66	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25298	5.97	ug/l #	16
52) Toluene	10.39	92	29972	4.22	ug/l	99
68) m/p-Xylenes	11.84	106	15959	3.22	ug/l	99
69) o-Xylene	12.17	106	5679	1.20	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	68124	63.51	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68124	151.82	ug/l #	10
95) Naphthalene	15.38	128	168098	30.45	ug/l	99

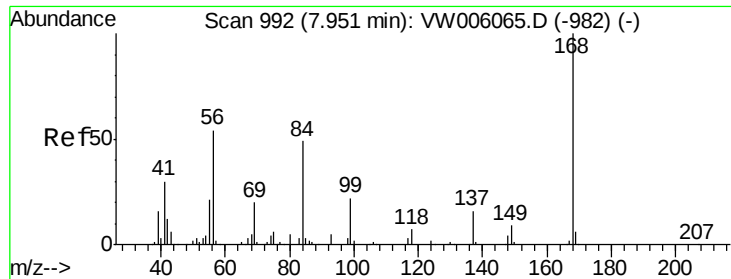
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
Data File : VW006117.D
Acq On : 17 Oct 2018 09:57
Operator : VA/AP
Sample : J5200-09
Misc : 6.31G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-01-101618-A

Quant Time: Oct 17 11:38:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration



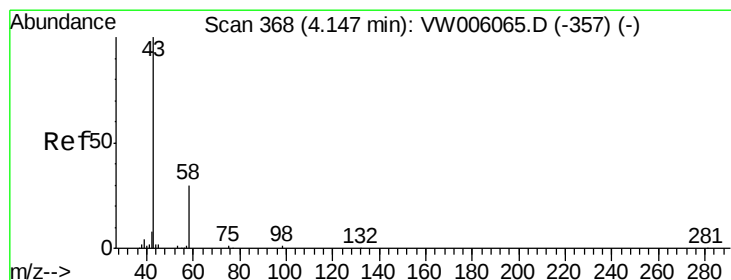
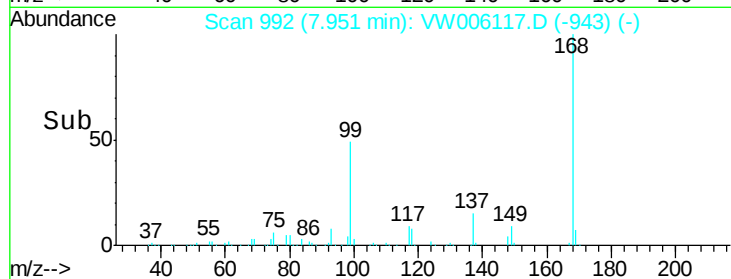
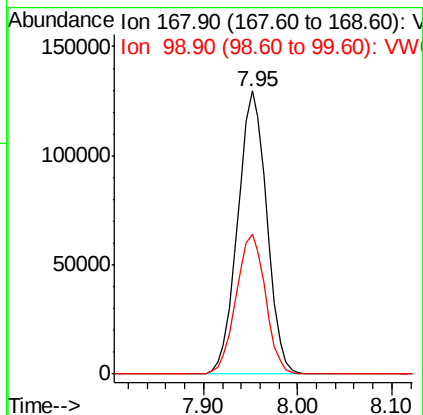
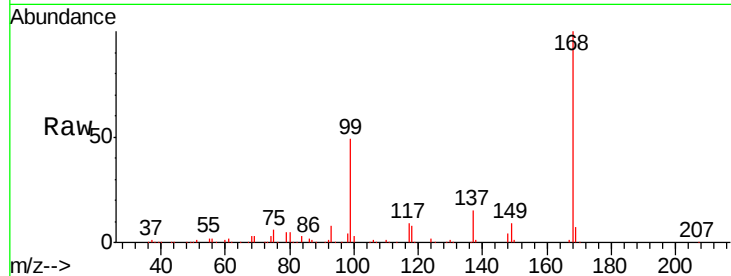


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW006117.D
 Acq: 17 Oct 2018 09:57

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-101618-A

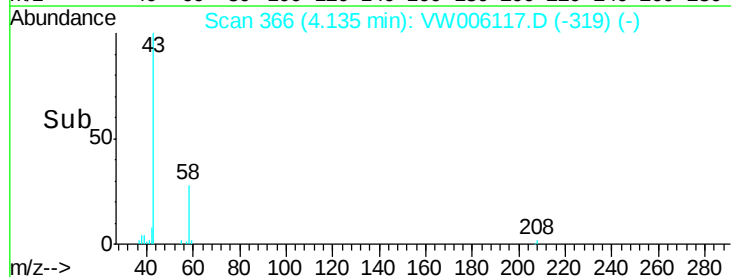
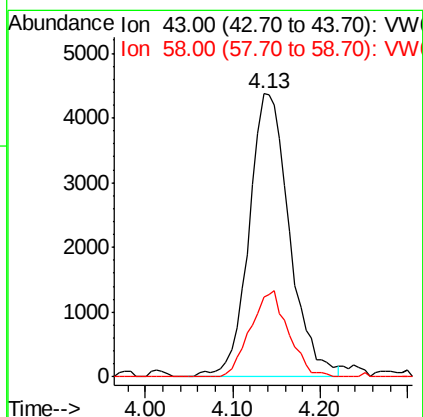
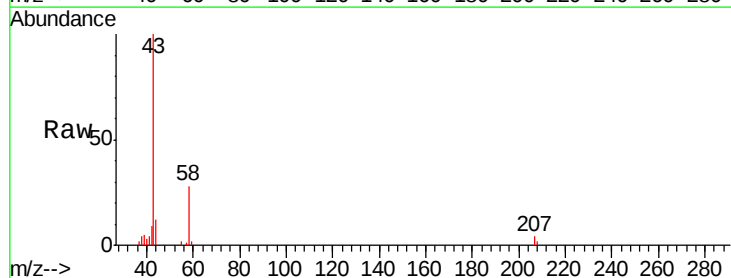
Tgt Ion:168 Resp: 279221
 Ion Ratio Lower Upper
 168 100
 99 49.3 39.9 59.9



#16

Acetone
 Concen: 18.77 ug/l
 RT: 4.13 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VW006117.D
 Acq: 17 Oct 2018 09:57

Tgt Ion: 43 Resp: 14098
 Ion Ratio Lower Upper
 43 100
 58 28.3 24.0 36.0

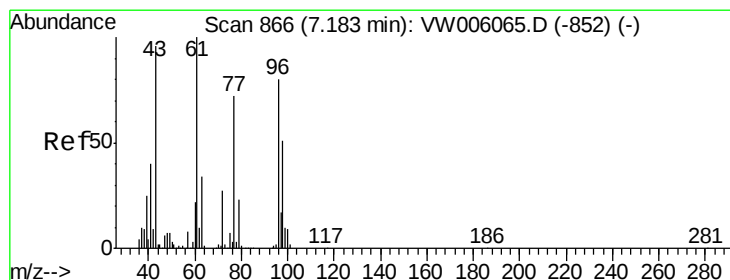
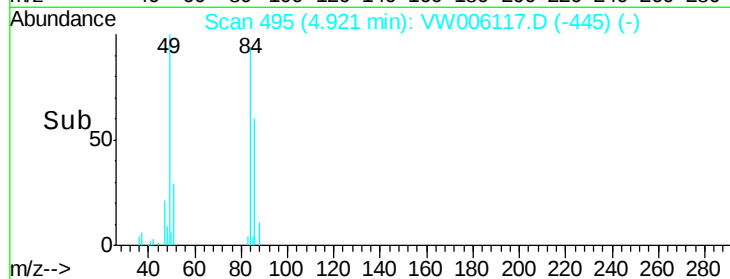
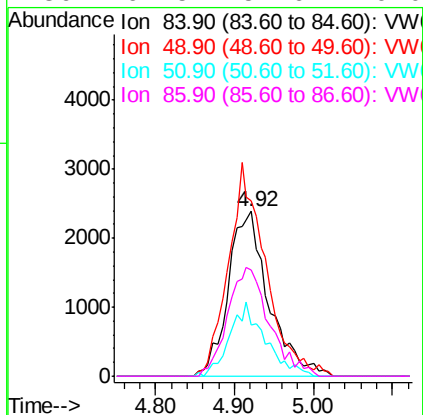
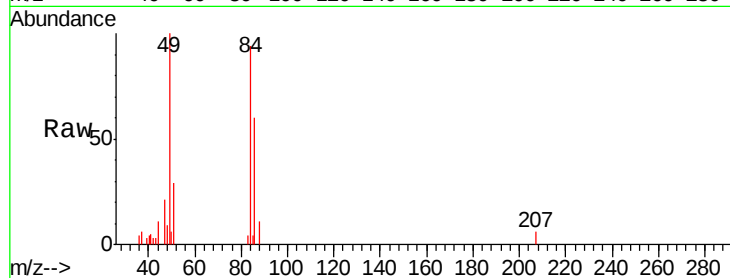




#20
Methylene Chloride
Concen: 1.90 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

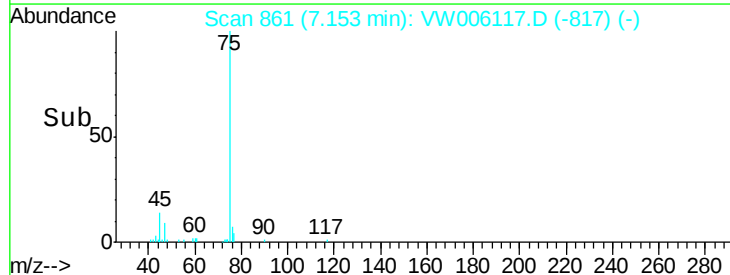
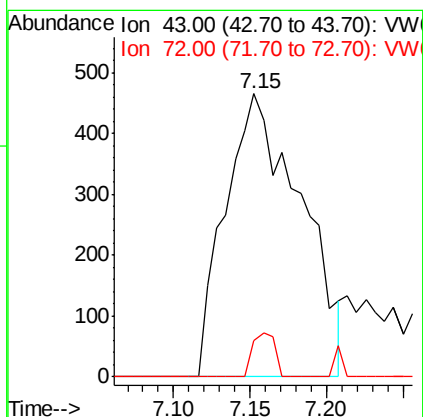
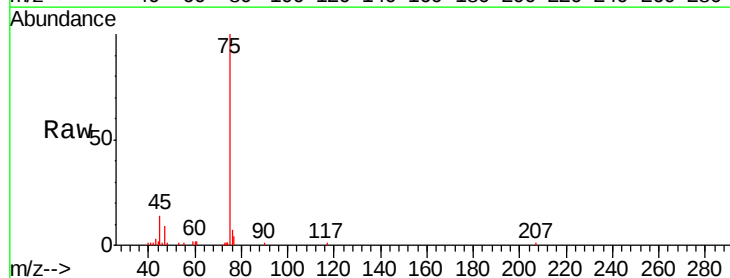
Instrument :
MSVOA_W
ClientSampleId :
OR-01-101618-A

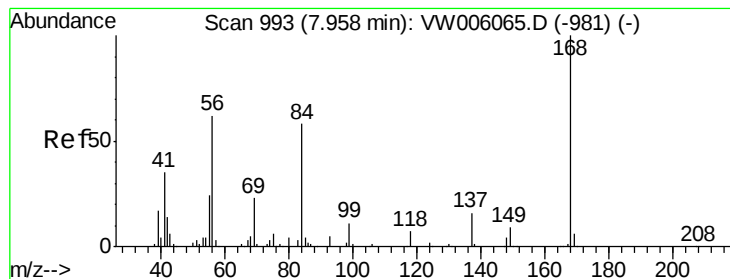
Tgt Ion:	84	Resp:	8490
Ion	Ratio	Lower	Upper
84	100		
49	106.6	93.6	140.4
51	30.9	29.0	43.4
86	64.5	52.6	79.0



#25
2-Butanone
Concen: 2.56 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion:	43	Resp:	1598
Ion	Ratio	Lower	Upper
43	100		
72	12.7	22.8	34.2#





#31

Cyclohexane

Concen: 1.21 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

OR-01-101618-A

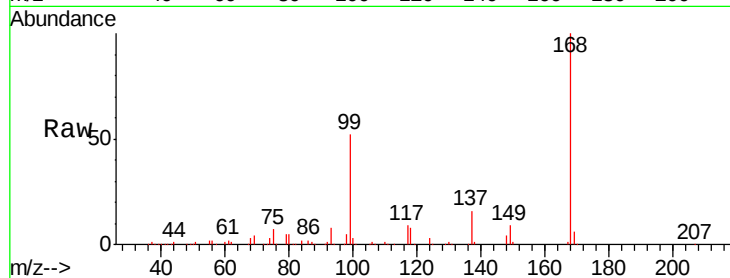
Tgt Ion: 56 Resp: 5135

Ion Ratio Lower Upper

56 100

69 174.6 29.4 44.0#

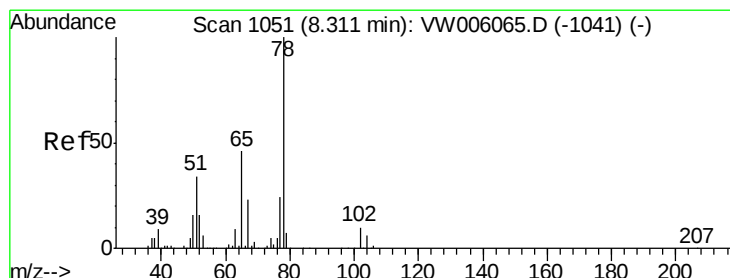
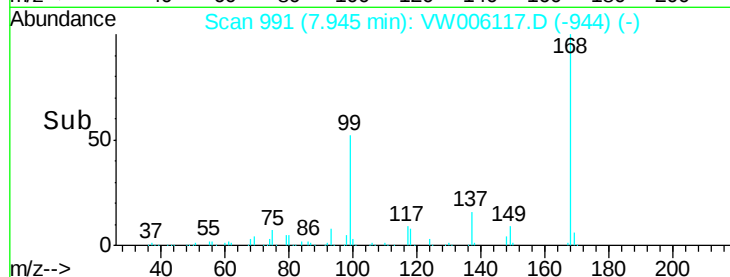
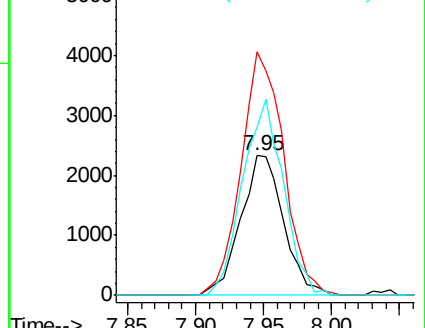
84 120.3 74.0 111.0#



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: 54.44 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006117.D

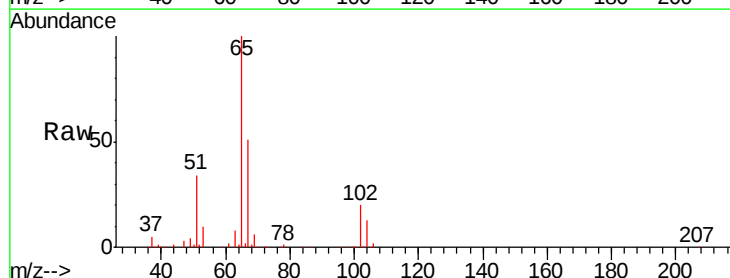
Acq: 17 Oct 2018 09:57

Tgt Ion: 65 Resp: 126030

Ion Ratio Lower Upper

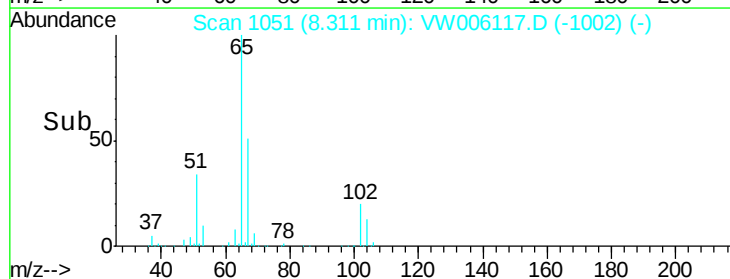
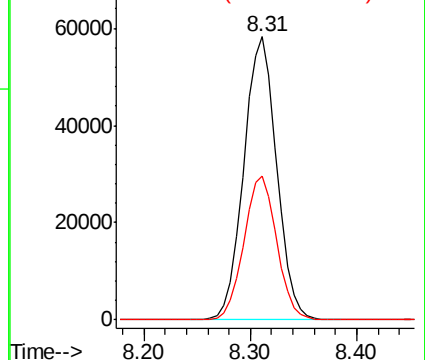
65 100

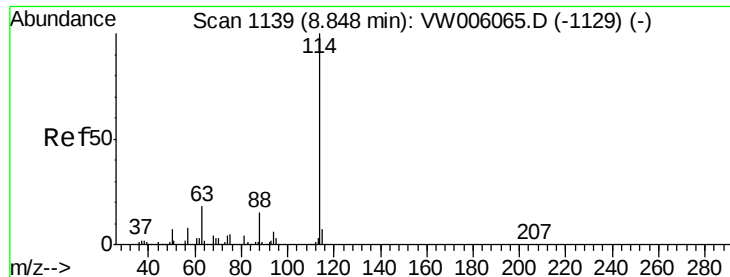
67 50.8 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

OR-01-101618-A

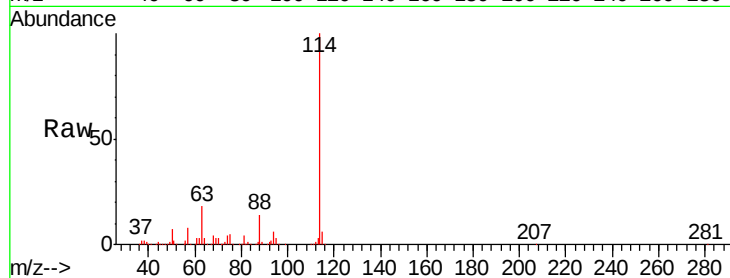
Tgt Ion:114 Resp: 419183

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

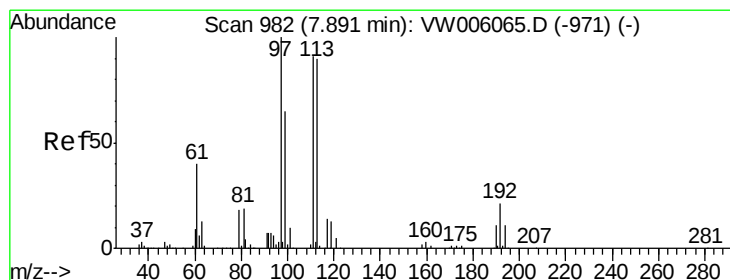
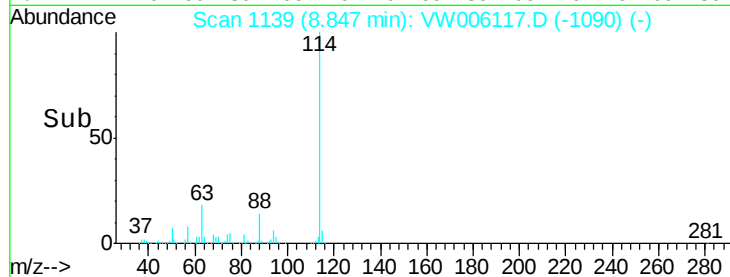
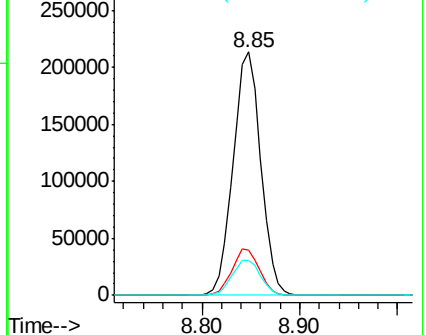
88 14.4 0.0 29.0



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: 48.32 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

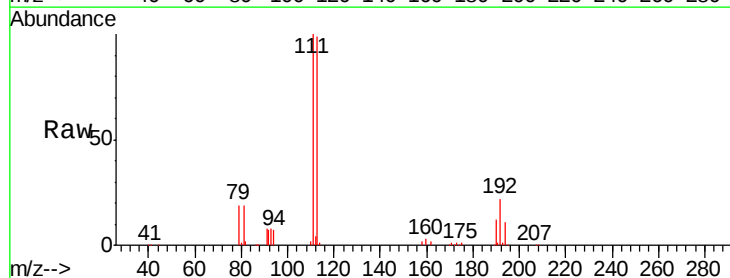
Tgt Ion:113 Resp: 119694

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

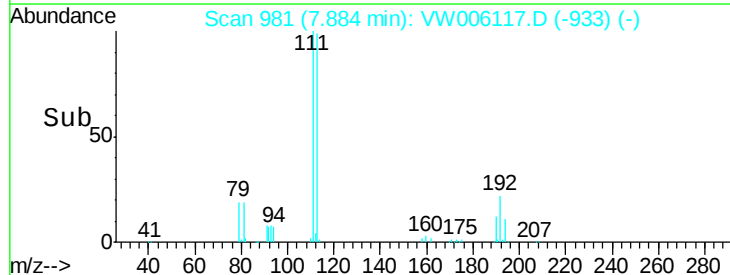
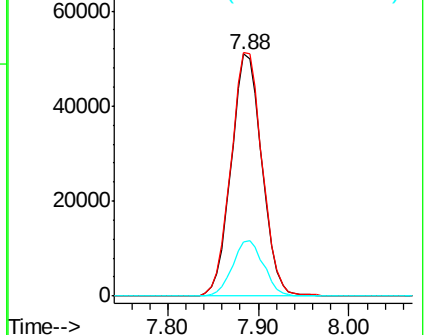
192 23.2 18.7 28.1

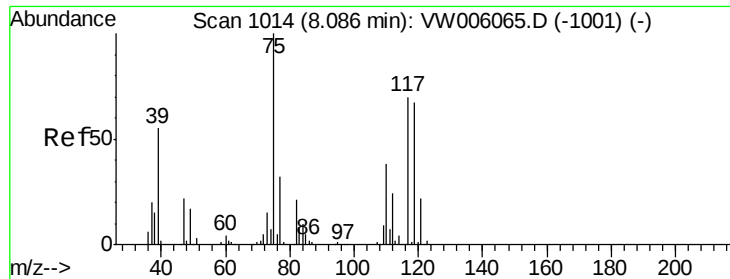


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

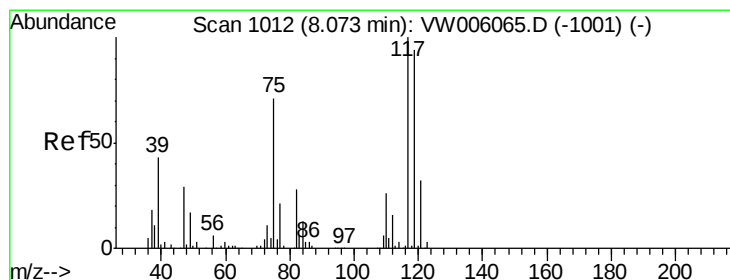
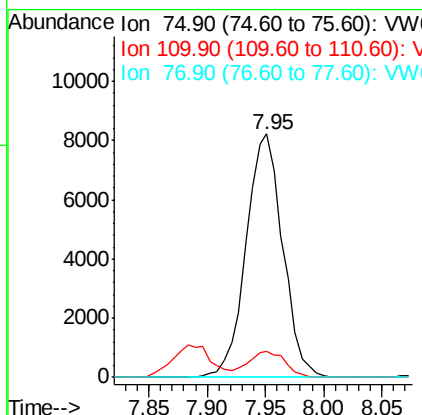
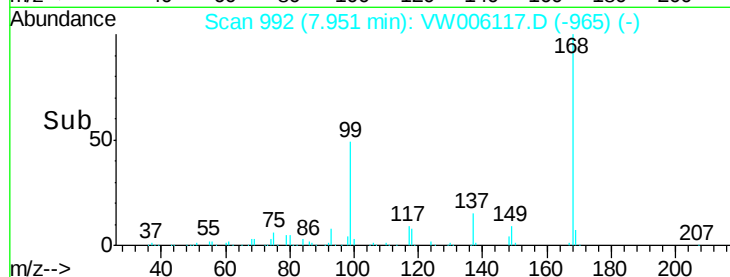
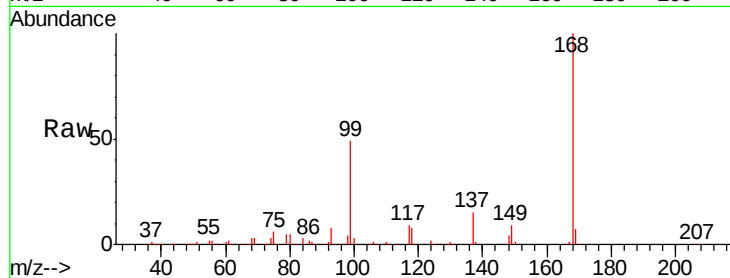




#36
 1,1-Dichloropropene
 Concen: 4.66 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006117.D
 Acq: 17 Oct 2018 09:57

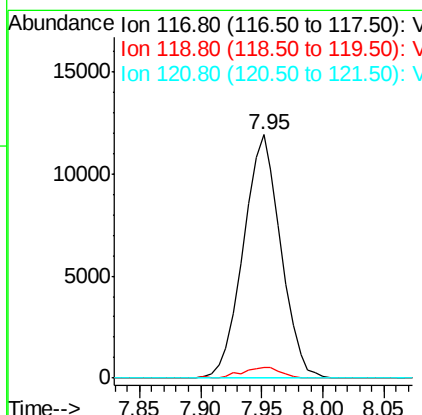
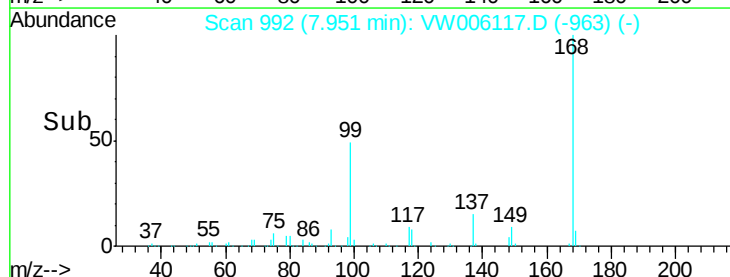
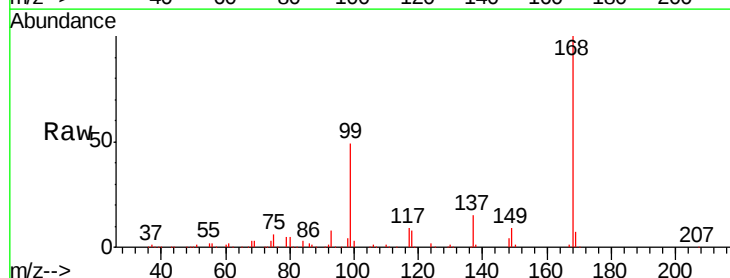
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-101618-A

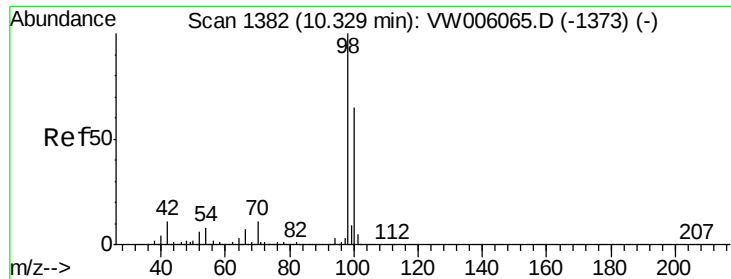
Tgt Ion: 75 Resp: 18017
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.97 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006117.D
 Acq: 17 Oct 2018 09:57

Tgt Ion: 117 Resp: 25298
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 40.50 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

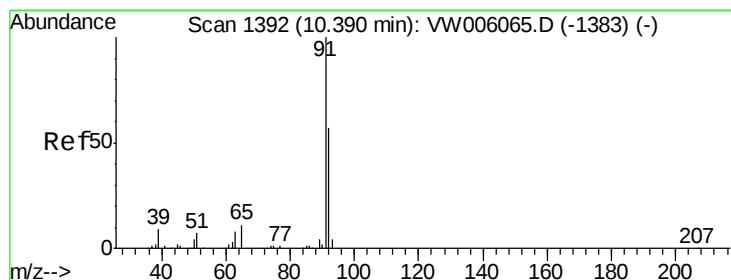
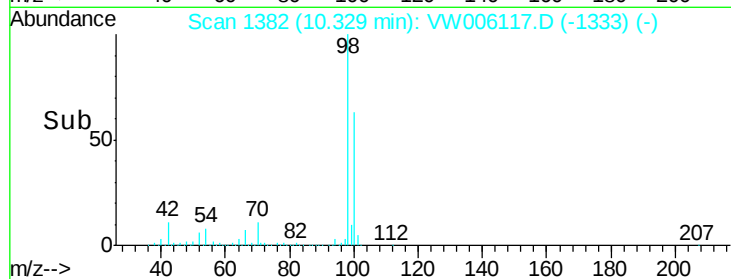
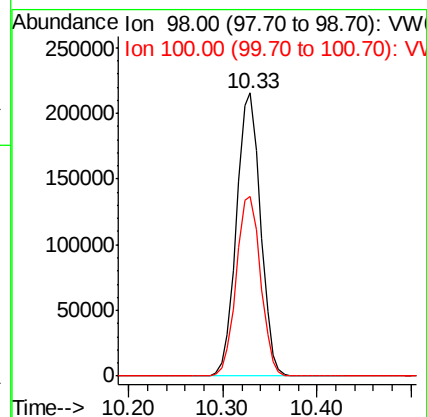
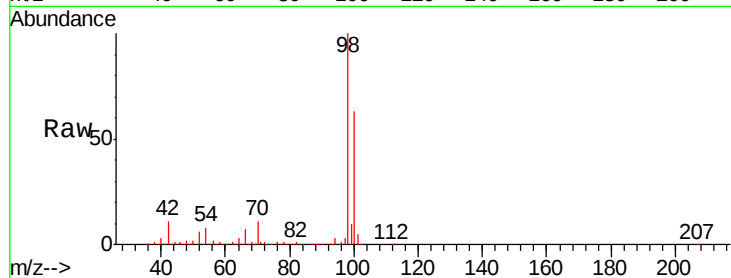
OR-01-101618-A

Tgt Ion: 98 Resp: 381619

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#52

Toluene

Concen: 4.22 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006117.D

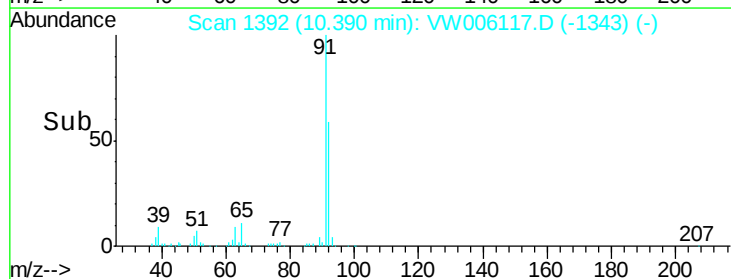
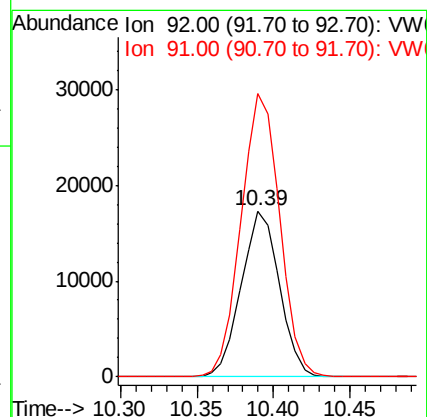
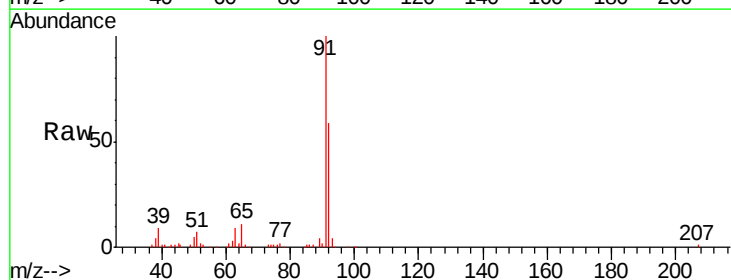
Acq: 17 Oct 2018 09:57

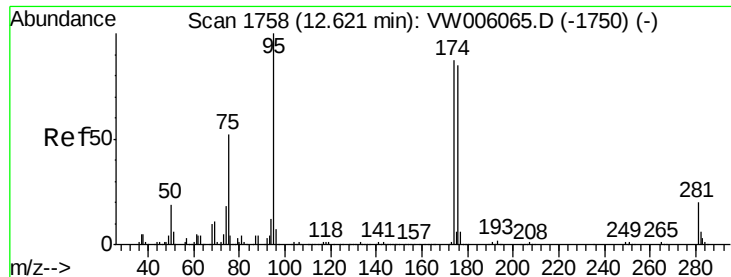
Tgt Ion: 92 Resp: 29972

Ion Ratio Lower Upper

92 100

91 173.3 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 37.70 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

OR-01-101618-A

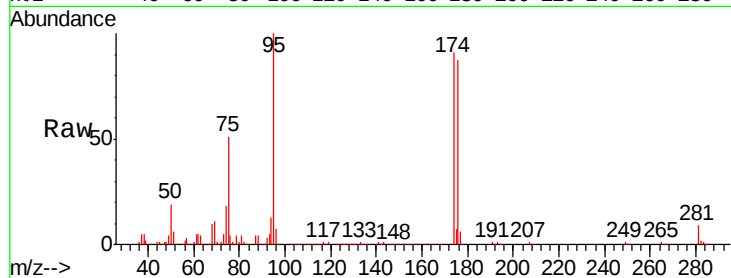
Tgt Ion: 95 Resp: 133440

Ion Ratio Lower Upper

95 100

174 92.8 0.0 186.0

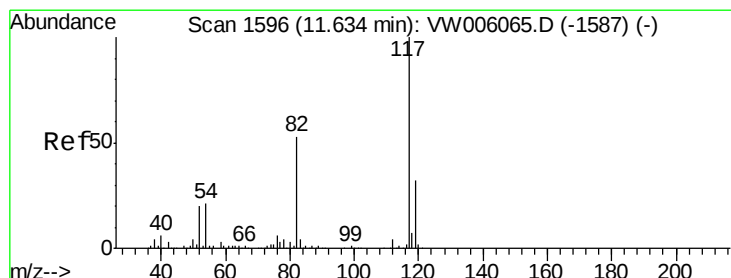
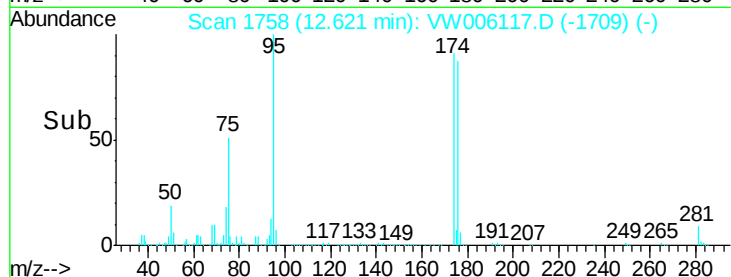
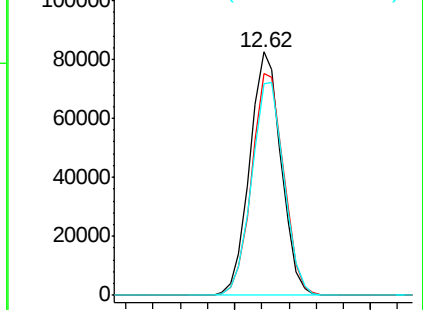
176 90.1 0.0 181.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

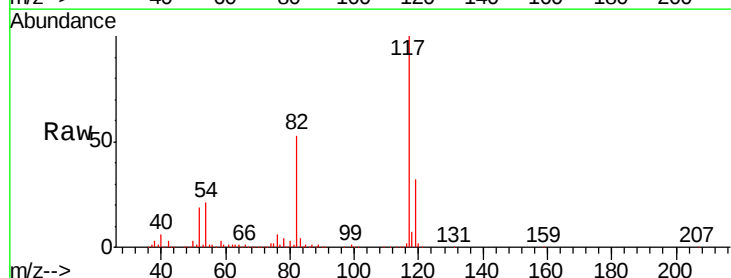
Tgt Ion: 117 Resp: 337574

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

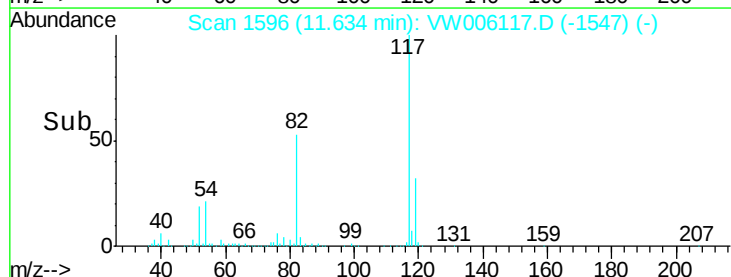
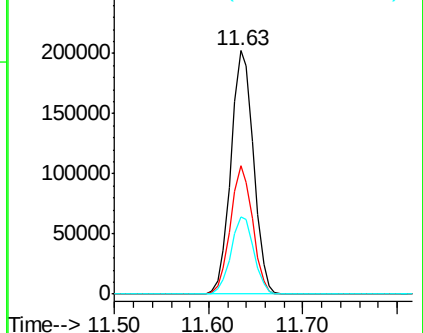
119 31.9 25.8 38.6

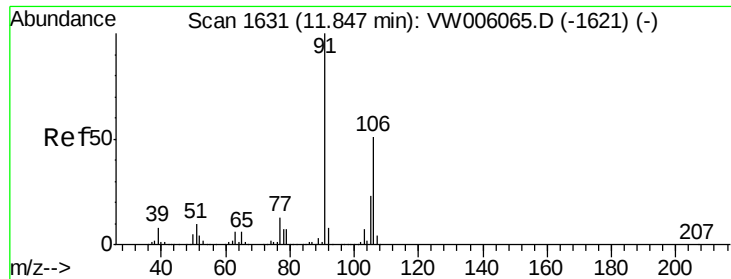


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

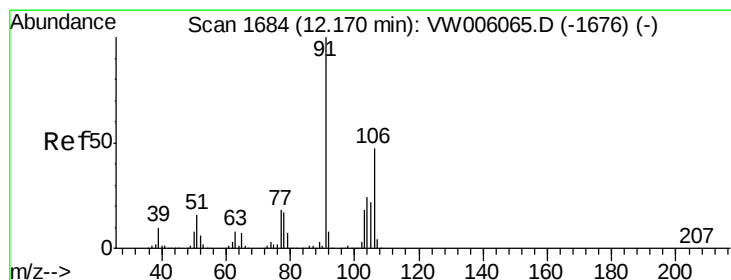
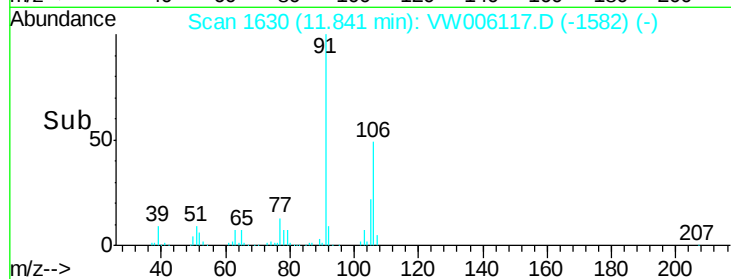
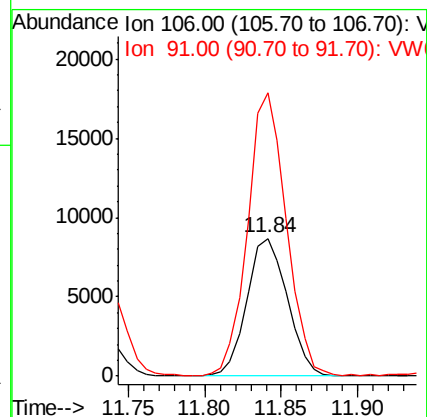
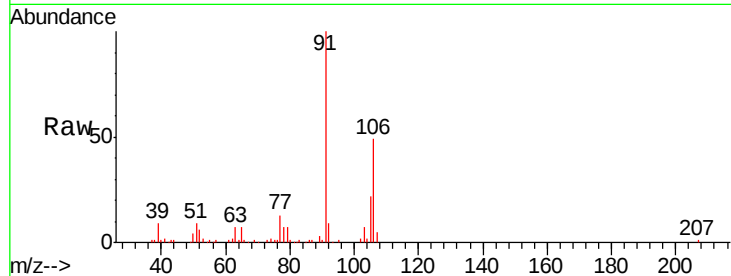




#68
m/p-Xylenes
Concen: 3.22 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

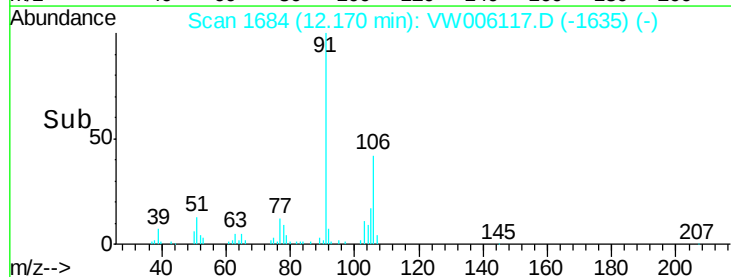
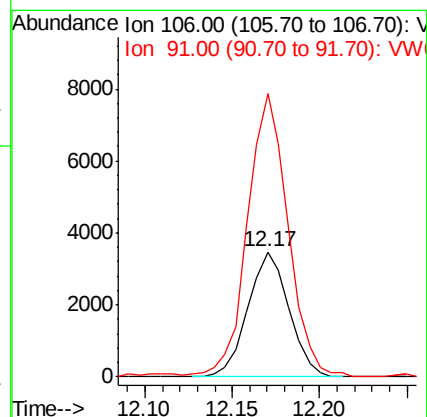
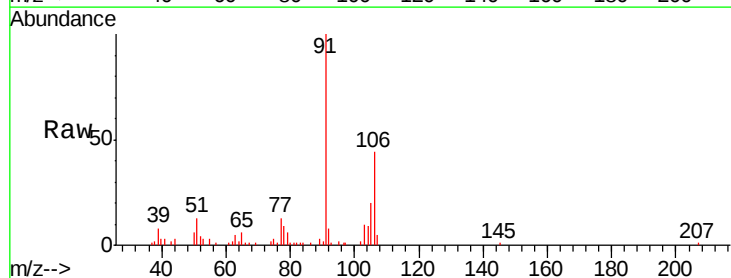
Instrument :
MSVOA_W
ClientSampleId :
OR-01-101618-A

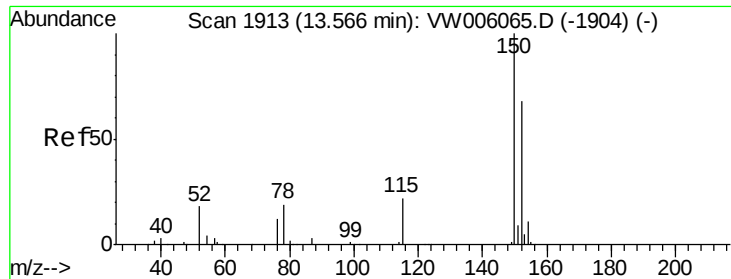
Tgt Ion:106 Resp: 15959
Ion Ratio Lower Upper
106 100
91 197.0 159.1 238.7



#69
o-Xylene
Concen: 1.20 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006117.D
Acq: 17 Oct 2018 09:57

Tgt Ion:106 Resp: 5679
Ion Ratio Lower Upper
106 100
91 224.5 105.4 316.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

OR-01-101618-A

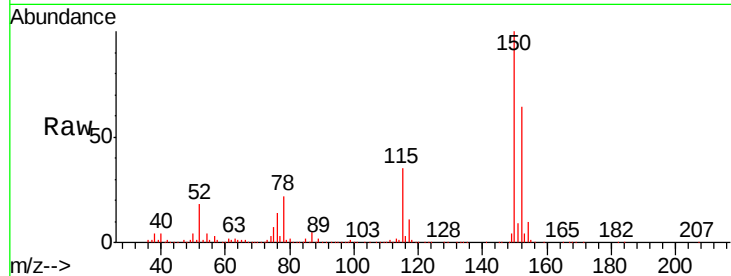
Tgt Ion:152 Resp: 140426

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.3

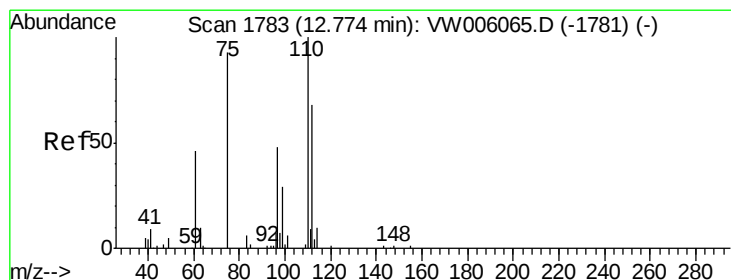
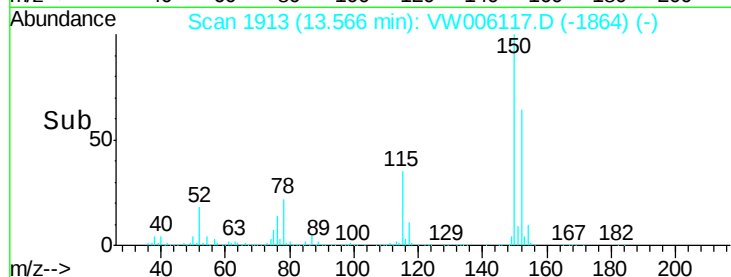
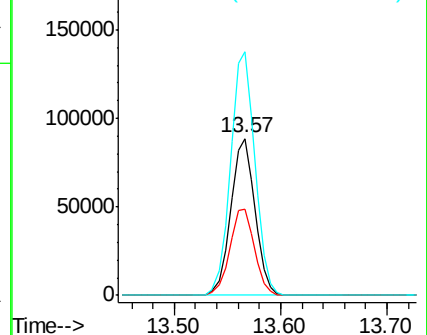
150 156.9 0.0 349.2



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: 63.51 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006117.D

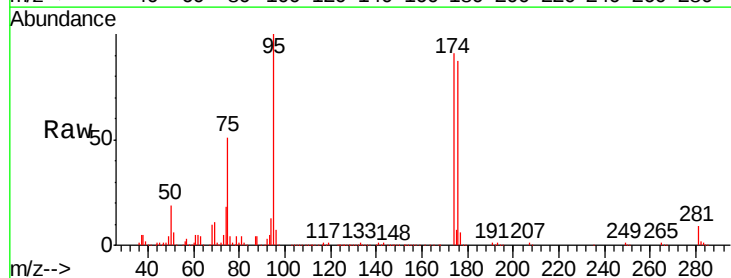
Acq: 17 Oct 2018 09:57

Tgt Ion: 75 Resp: 68124

Ion Ratio Lower Upper

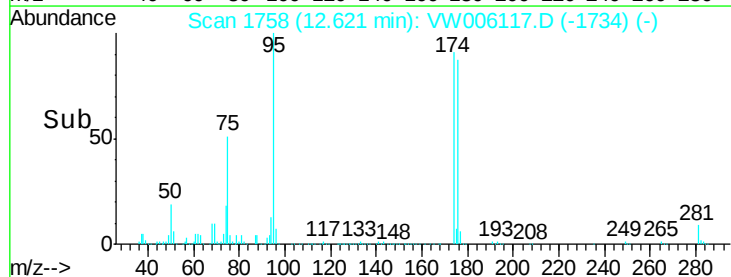
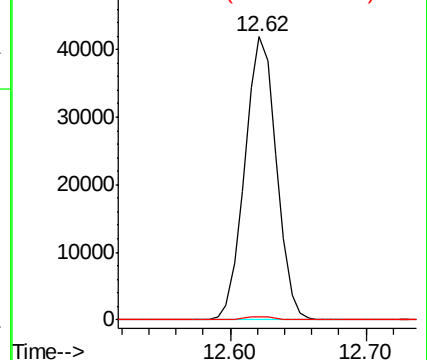
75 100

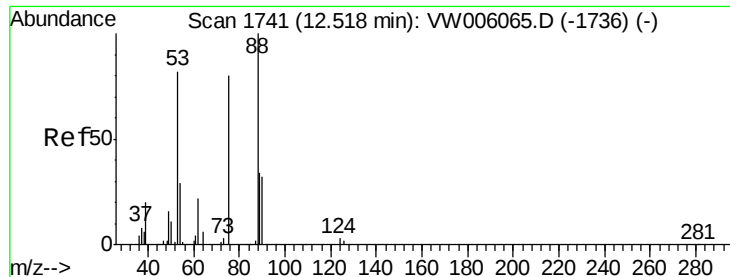
77 1.4 0.0 0.0#



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: 151.82 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

OR-01-101618-A

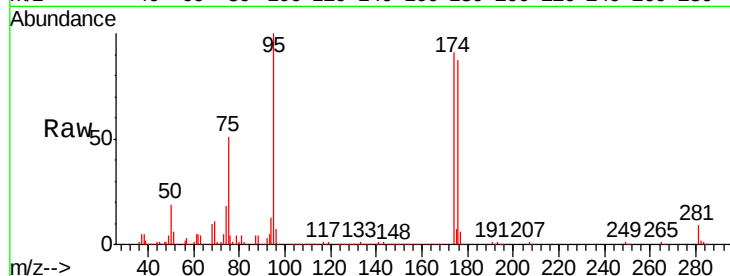
Tgt Ion: 75 Resp: 68124

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

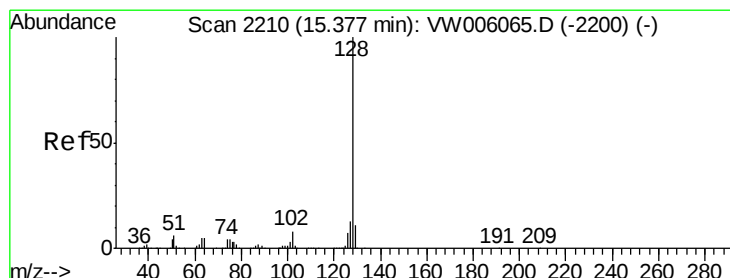
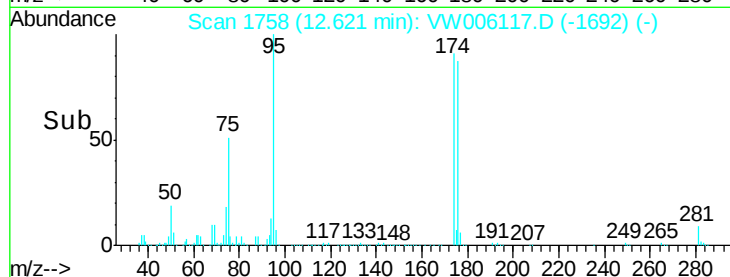
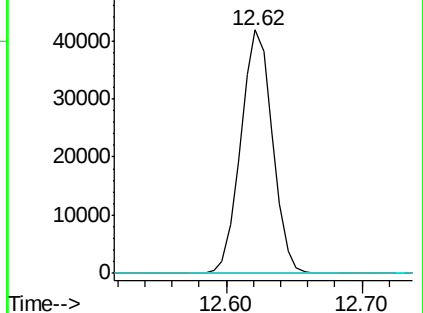
89 0.1 37.5 56.3#



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



#95

Naphthalene

Concen: 30.45 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006117.D

Acq: 17 Oct 2018 09:57

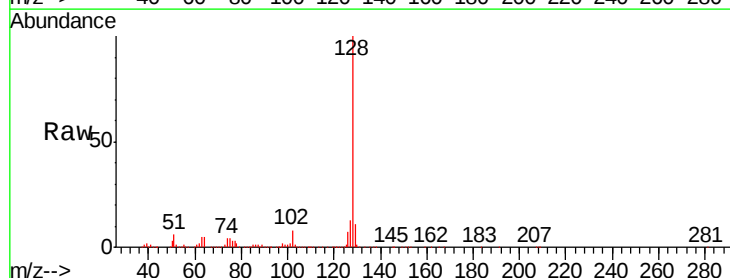
Tgt Ion: 128 Resp: 168098

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

