

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006273.D
 Acq On : 23 Oct 2018 02:46
 Operator : VA/AP
 Sample : J5625-10
 Misc : 4.48G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-05

Quant Time: Oct 23 05:36:50 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

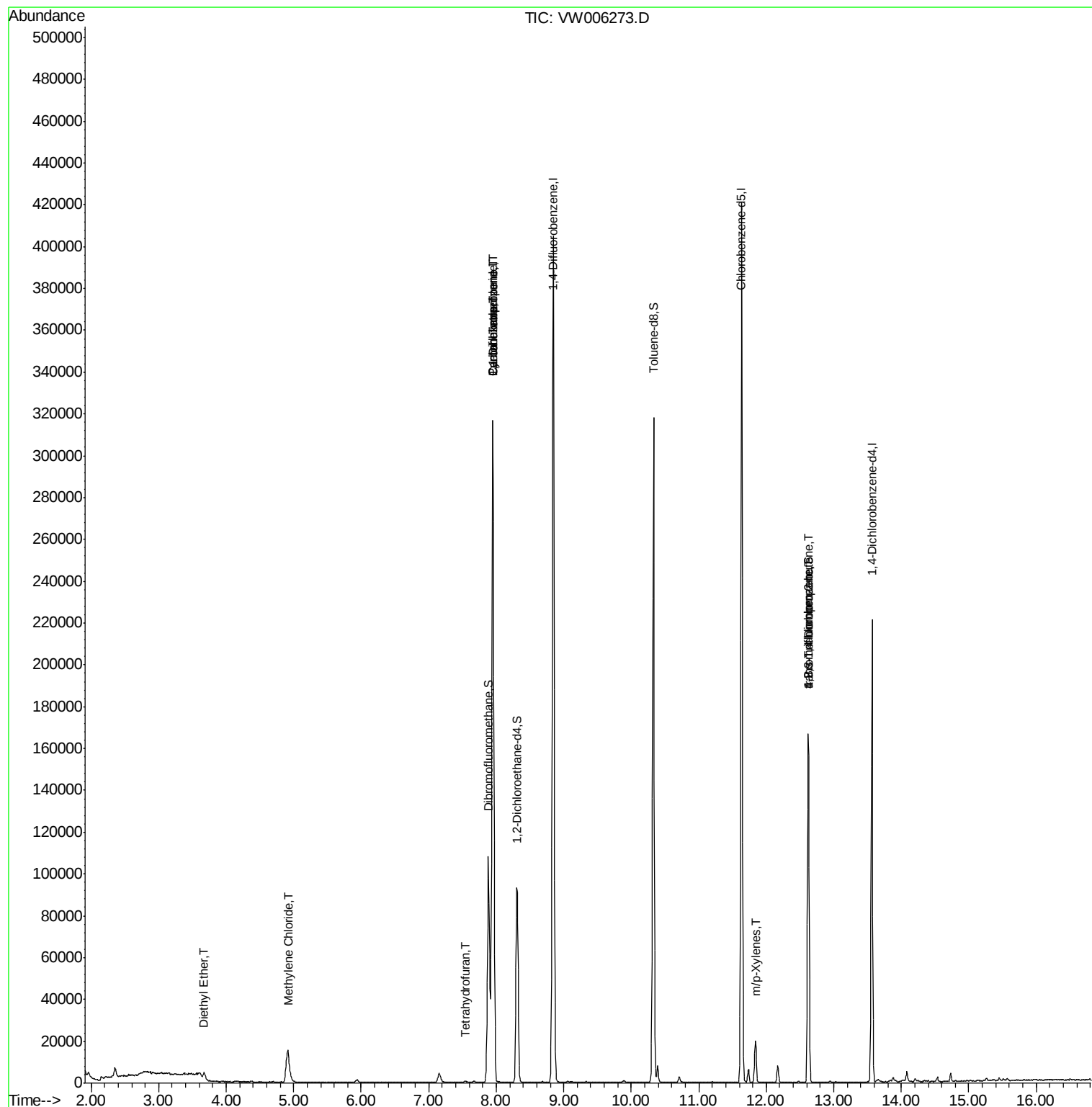
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	74731	34.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.26%	
35) Dibromofluoromethane	7.88	113	75678	35.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.50%	
50) Toluene-d8	10.33	98	222259	27.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.20%	
62) 4-Bromofluorobenzene	12.62	95	51928	17.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.34%	
Target Compounds						
8) Diethyl Ether	3.67	74	2211	1.886	ug/l	82
16) Acetone	4.14	43	559	Below Cal		93
20) Methylene Chloride	4.92	84	14035	4.671	ug/l	88
29) Tetrahydrofuran	7.55	42	412	1.150	ug/l #	53
31) Cyclohexane	7.95	56	4576	1.159	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	16667	5.048	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22981	6.349	ug/l #	16
68) m/p-Xylenes	11.84	106	6714	1.919	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	25398	54.254	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25398	129.690	ug/l #	10

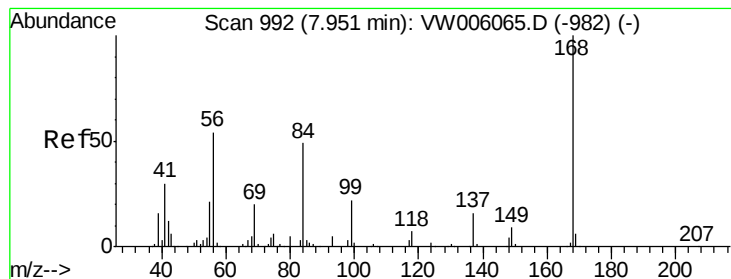
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006273.D

Acq: 23 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

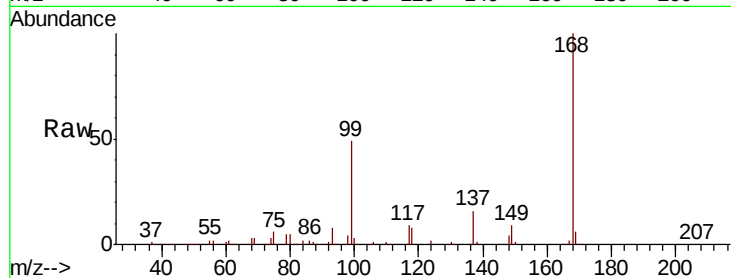
DW-05

Tot Ion:168 Resp: 260290

Ion Ratio Lower Upper

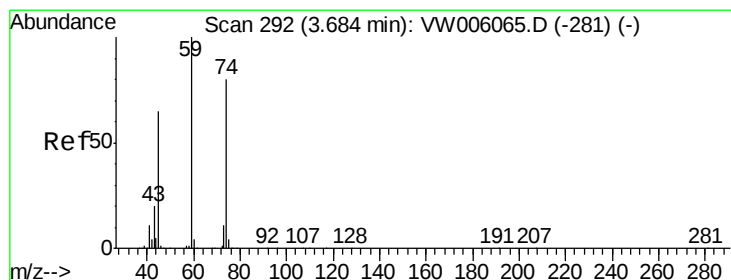
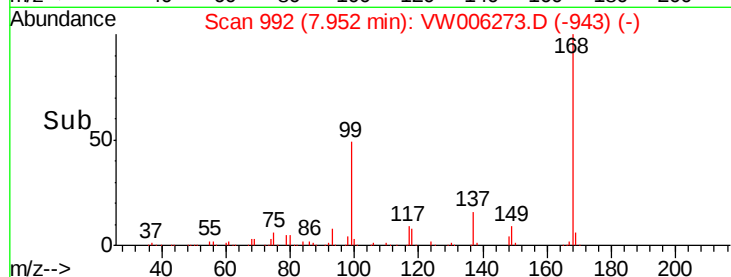
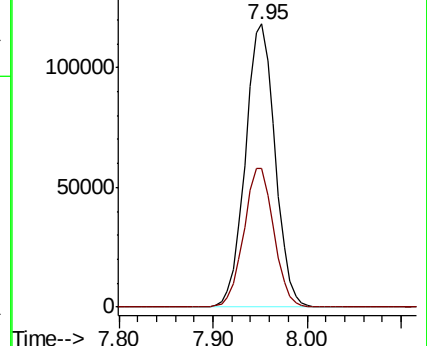
168 100

99 48.9 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: 1.886 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006273.D

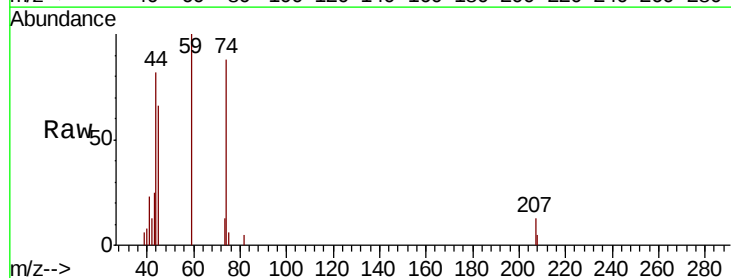
Acq: 23 Oct 2018 02:46

Tgt Ion: 74 Resp: 2211

Ion Ratio Lower Upper

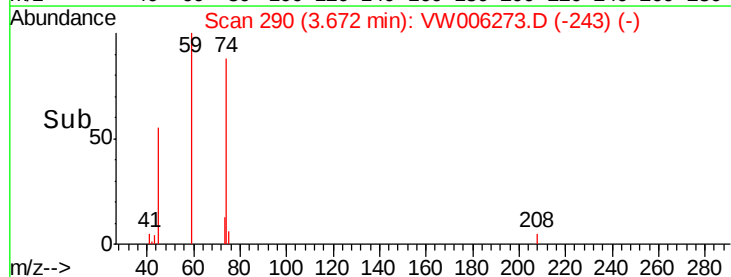
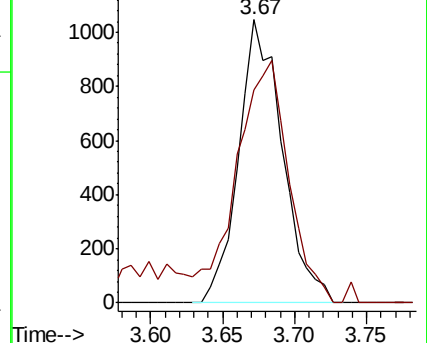
74 100

45 101.9 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# 367

Delta R.T. -0.01 min

Lab File: VW006273.D

Acq: 23 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

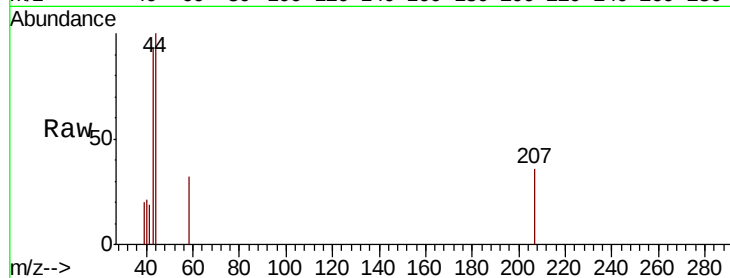
DW-05

Tot Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

58 33.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

300

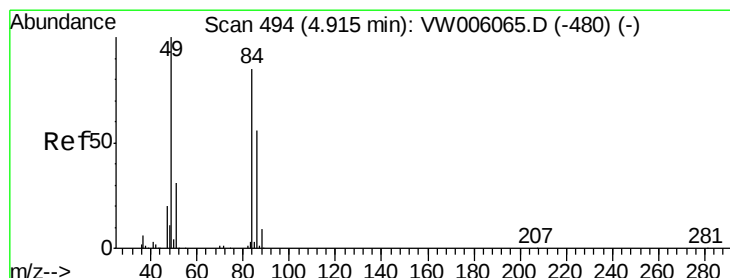
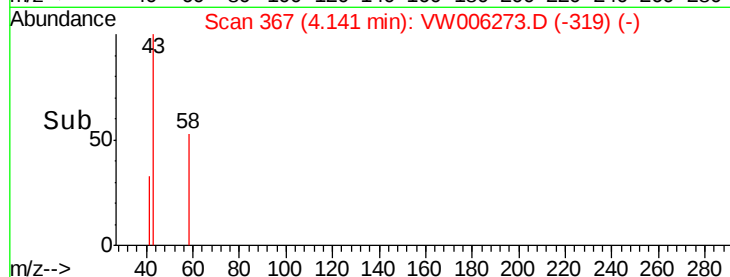
200

100

0

4.10 4.15

Time-->



#20

Methylene Chloride

Concen: 4.671 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006273.D

Acq: 23 Oct 2018 02:46

Tgt Ion: 84 Resp: 14035

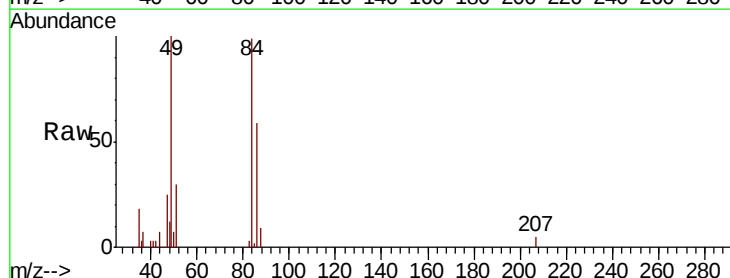
Ion Ratio Lower Upper

84 100

49 101.2 93.6 140.4

51 30.1 29.0 43.4

86 59.3 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

4.92

6000

5000

4000

3000

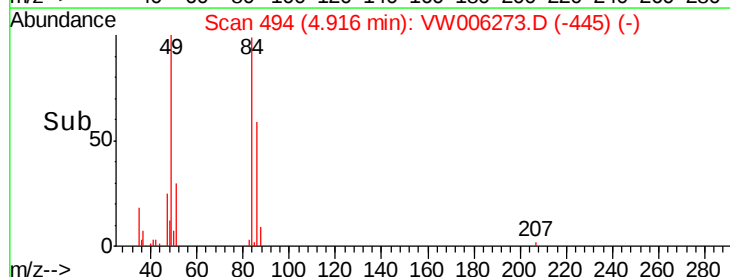
2000

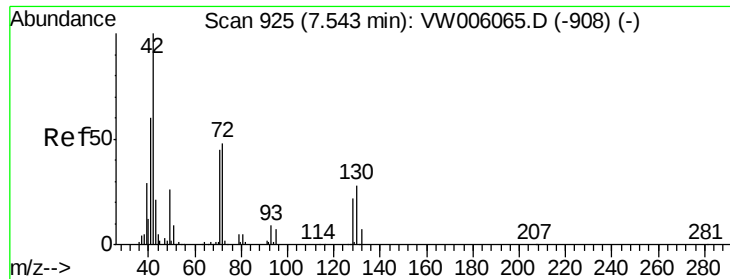
1000

0

4.80 4.90 5.00 5.10

Time-->

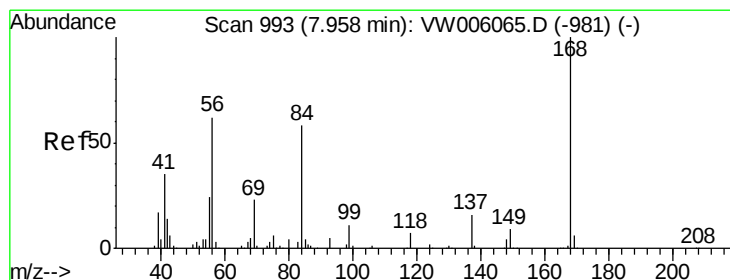
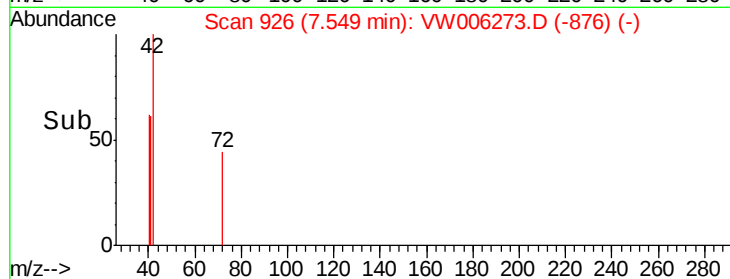
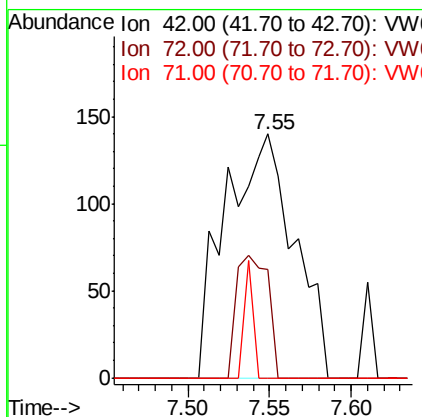
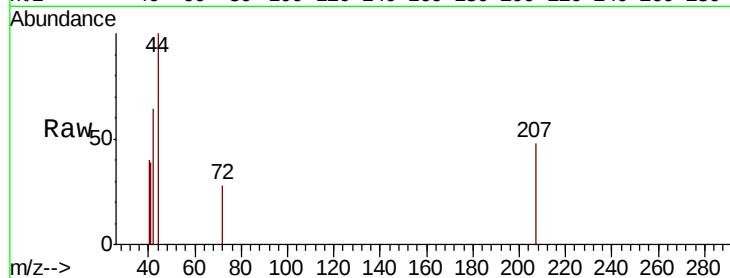




#29
Tetrahydrofuran
Concen: 1.150 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006273.D
Acq: 23 Oct 2018 02:46

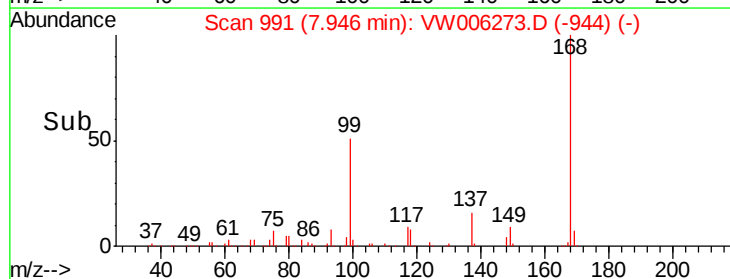
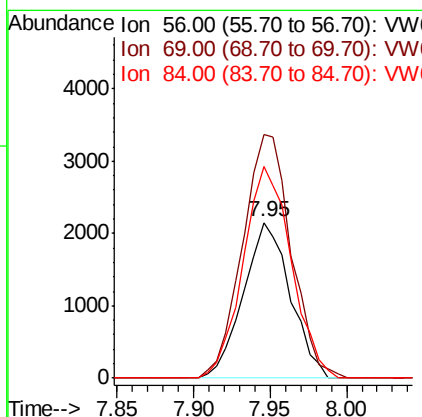
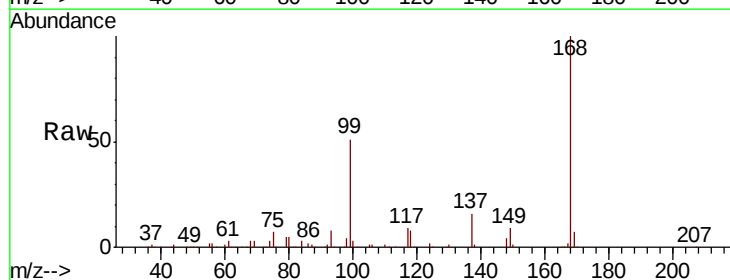
Instrument :
MSVOA_W
ClientSampleId :
DW-05

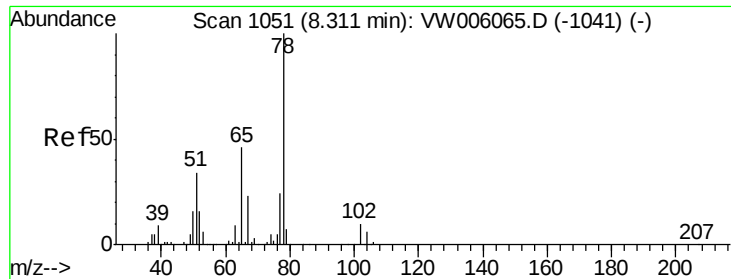
Tot Ion: 42 Resp: 412
Ion Ratio Lower Upper
42 100
72 23.1 38.0 57.0#
71 6.1 35.3 52.9#



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006273.D
Acq: 23 Oct 2018 02:46

Tgt Ion: 56 Resp: 4576
Ion Ratio Lower Upper
56 100
69 156.3 29.4 44.0#
84 135.6 74.0 111.0#

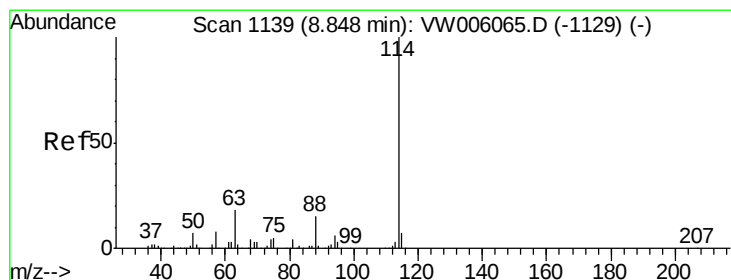
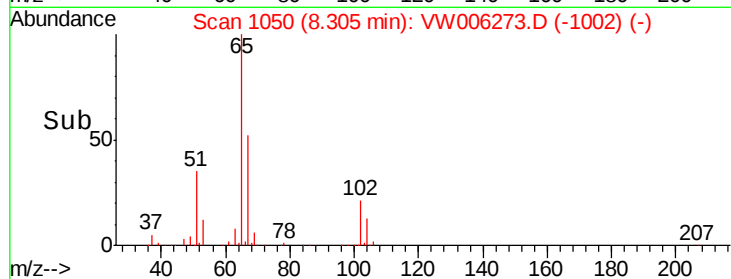
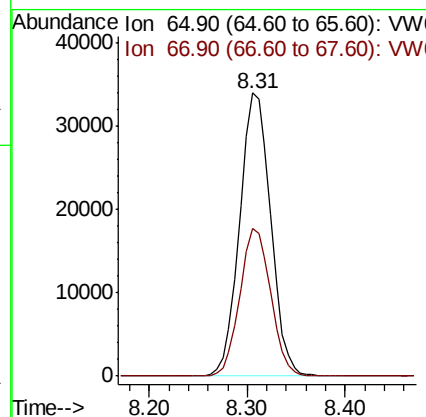
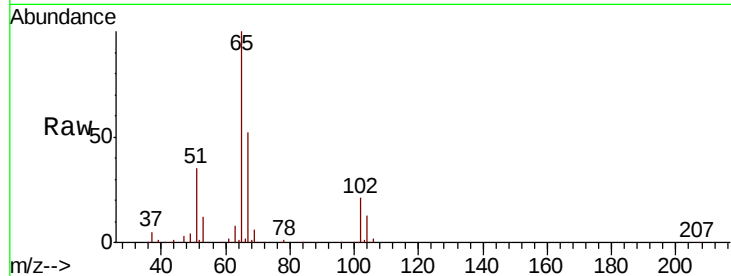




#33
 1,2-Dichloroethane-d4
 Concen: 34.631 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006273.D
 Acq: 23 Oct 2018 02:46

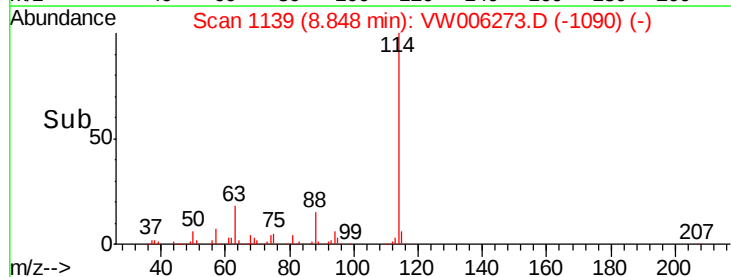
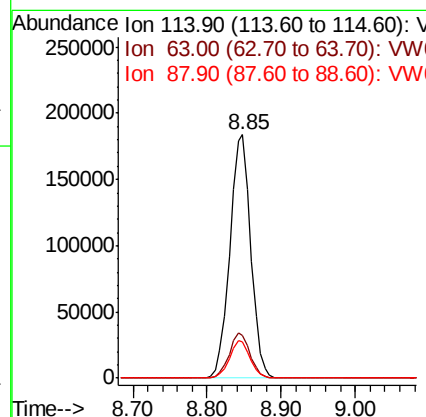
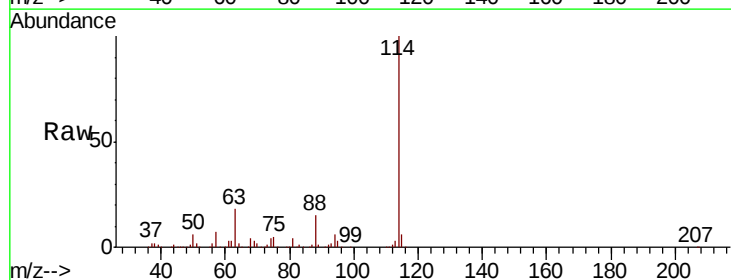
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-05

Tot Ion: 65 Resp: 74731
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006273.D
 Acq: 23 Oct 2018 02:46

Tgt Ion: 114 Resp: 358200
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.8
 88 14.7 0.0 29.0

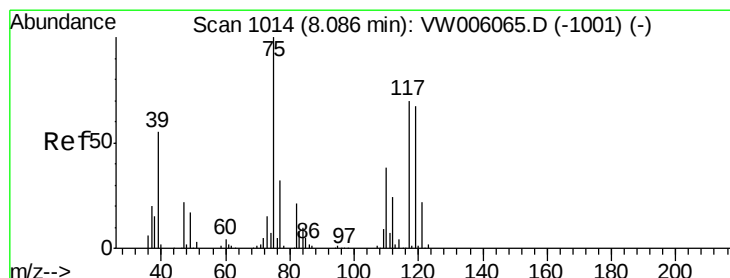
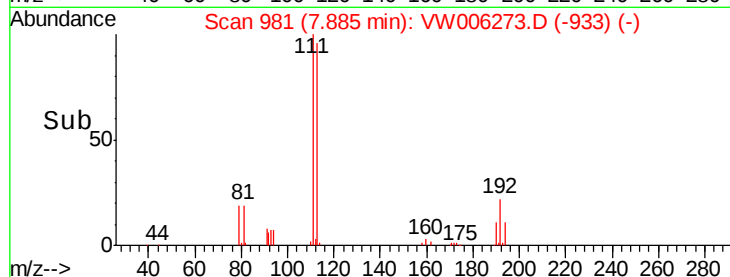
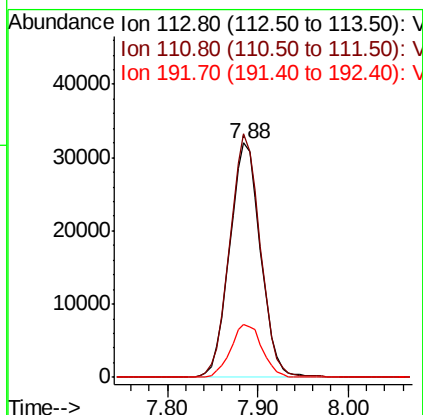
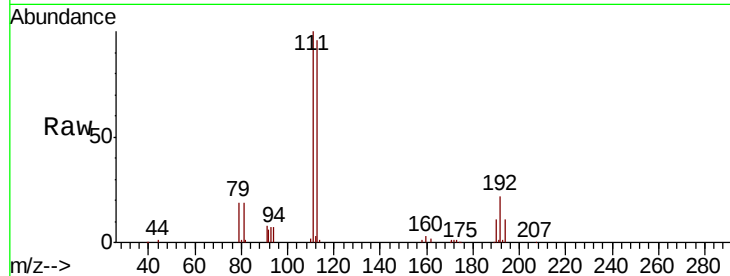




#35
 Dibromofluoromethane
 Concen: 35.755 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006273.D
 Acq: 23 Oct 2018 02:46

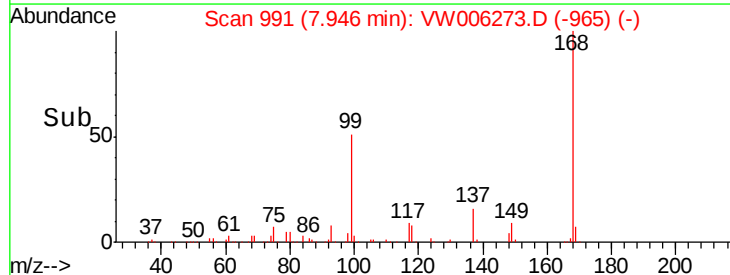
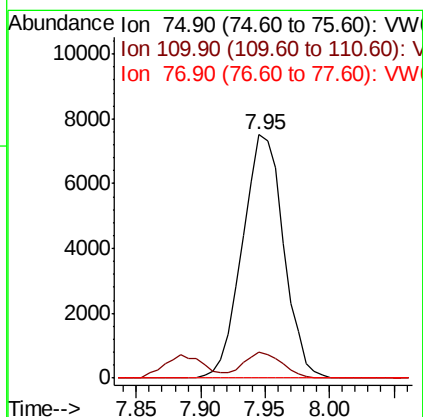
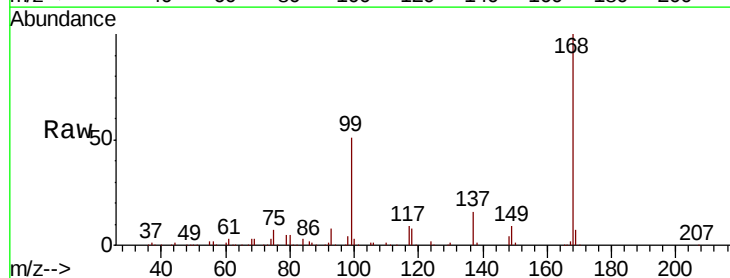
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-05

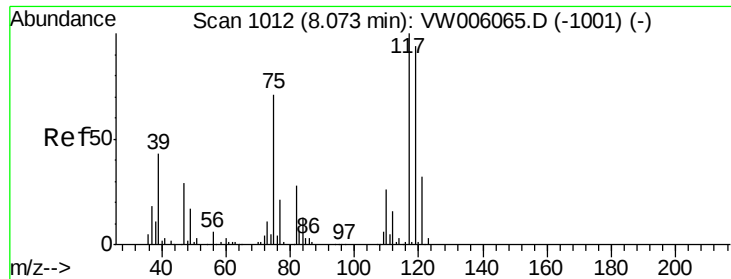
Tot Ion:113 Resp: 75678
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 22.8 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.048 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006273.D
 Acq: 23 Oct 2018 02:46

Tgt Ion: 75 Resp: 16667
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.1#
 77 0.0 25.0 37.4#

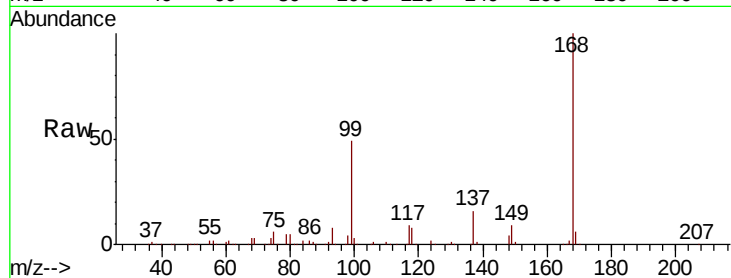




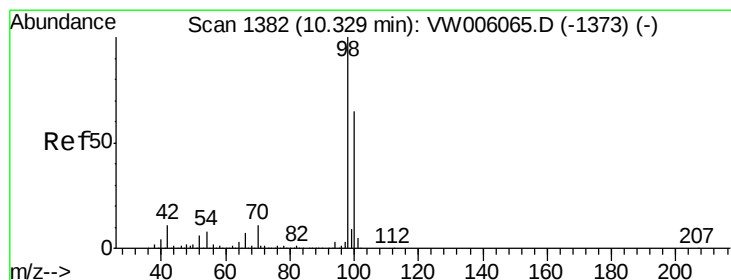
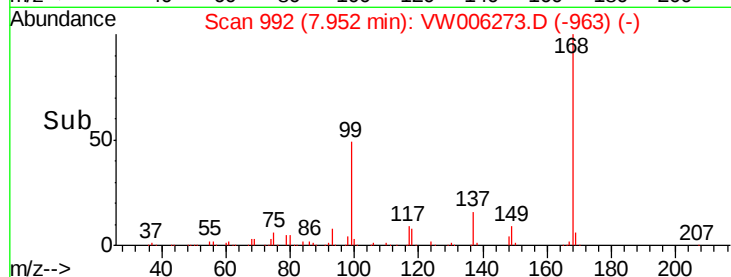
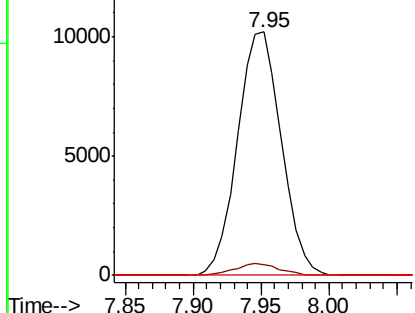
#38
Carbon Tetrachloride
Concen: 6.349 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006273.D
Acq: 23 Oct 2018 02:46

Instrument :
MSVOA_W
ClientSampleId :
DW-05

Tot Ion:117 Resp: 22981
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 25.3 37.9#

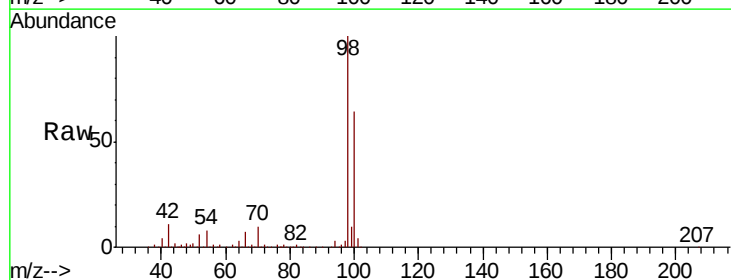


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

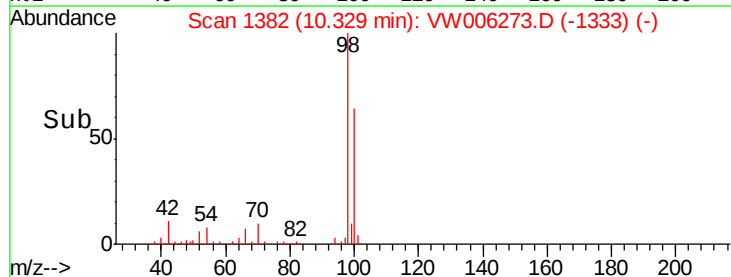
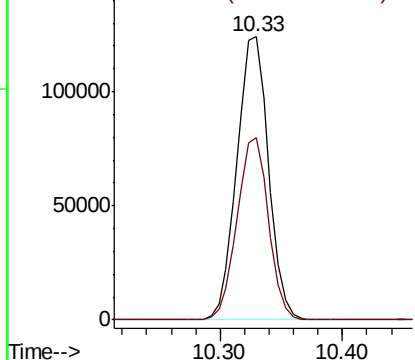


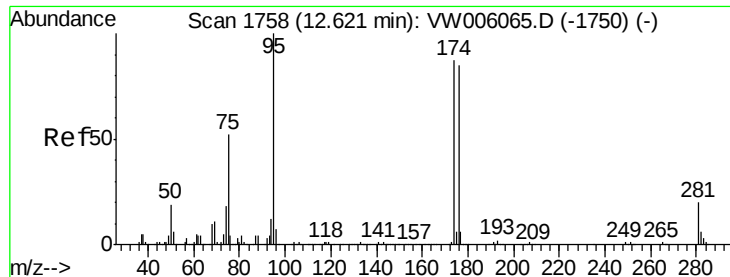
#50
Toluene-d8
Concen: 27.601 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006273.D
Acq: 23 Oct 2018 02:46

Tgt Ion: 98 Resp: 222259
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 17.169 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006273.D

Acq: 23 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

DW-05

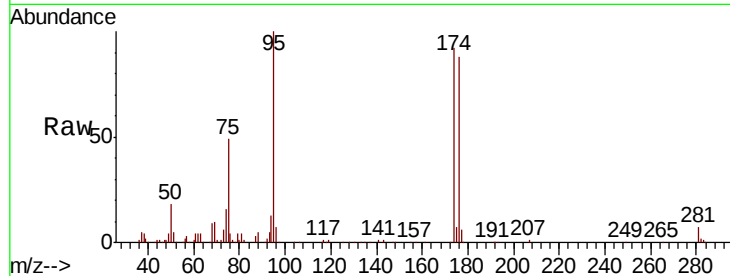
Tot Ion: 95 Resp: 51928

Ion Ratio Lower Upper

95 100

174 92.8 0.0 186.0

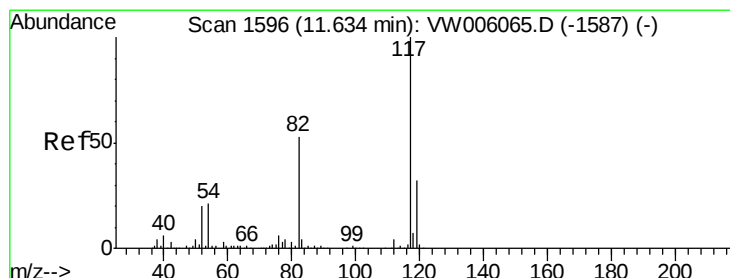
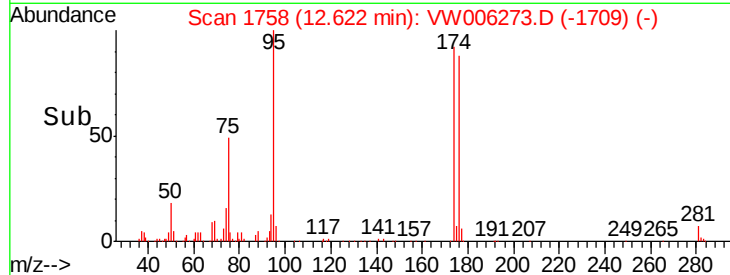
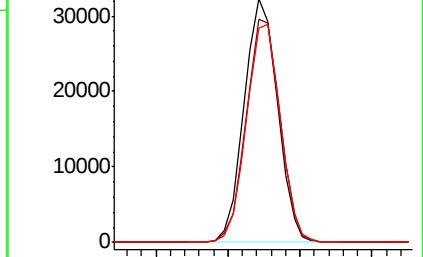
176 90.4 0.0 181.6



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: VW006273.D

Acq: 23 Oct 2018 02:46

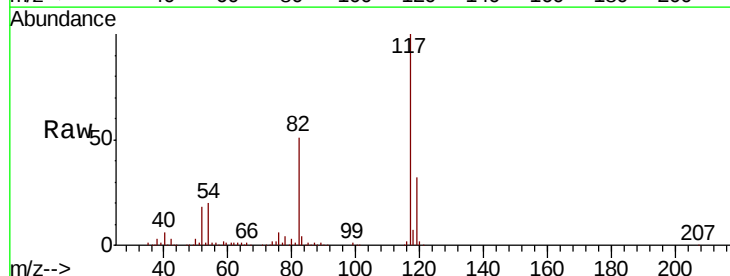
Tgt Ion: 117 Resp: 238561

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

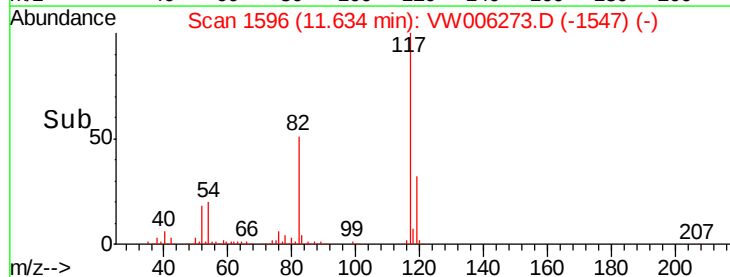
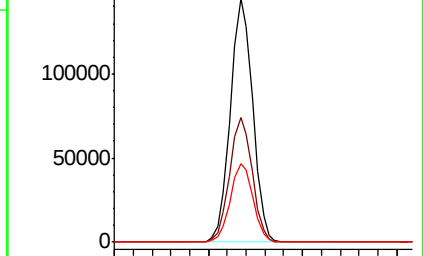
119 32.2 25.8 38.6

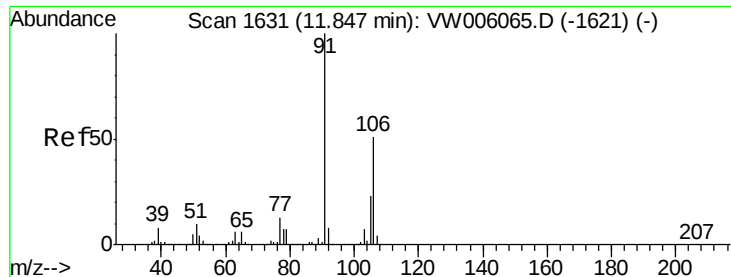


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

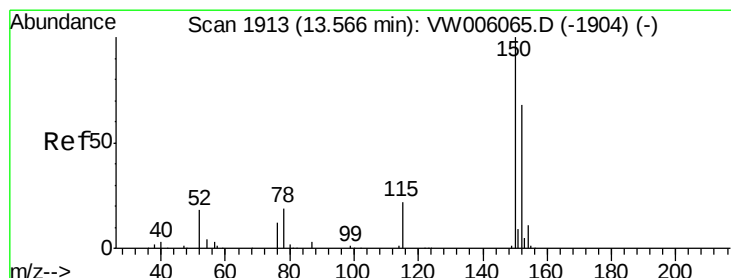
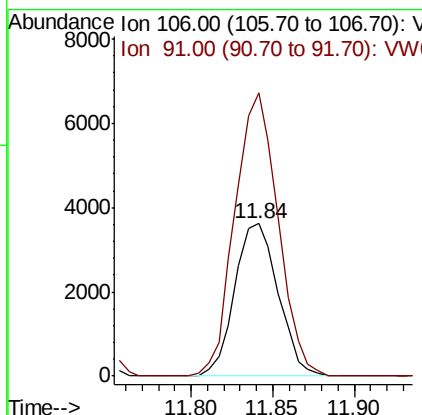
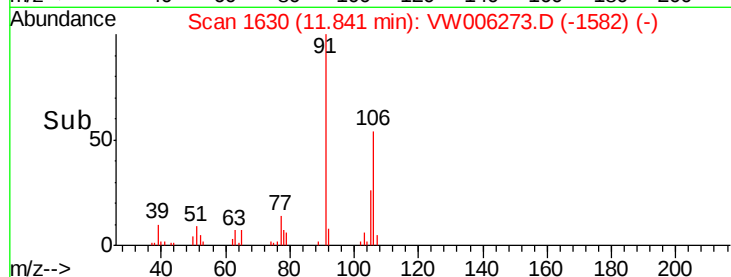
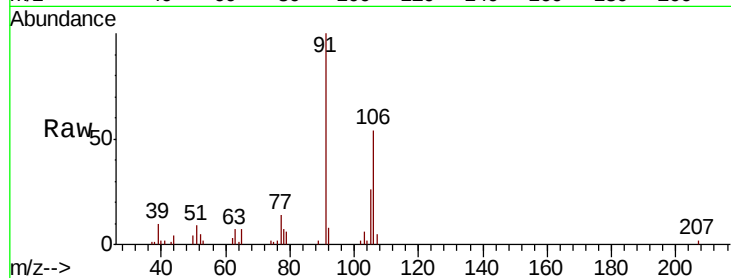




#68
m/p-Xvlenes
Concen: 1.919 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006273.D
Acq: 23 Oct 2018 02:46

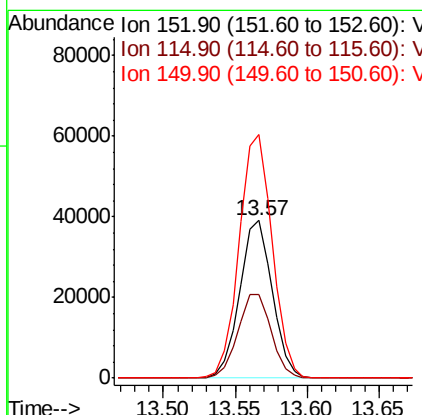
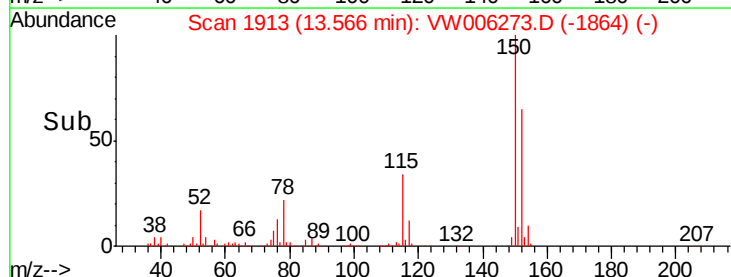
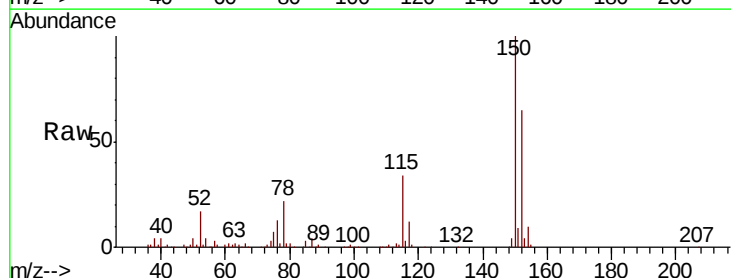
Instrument :
MSVOA_W
ClientSampleId :
DW-05

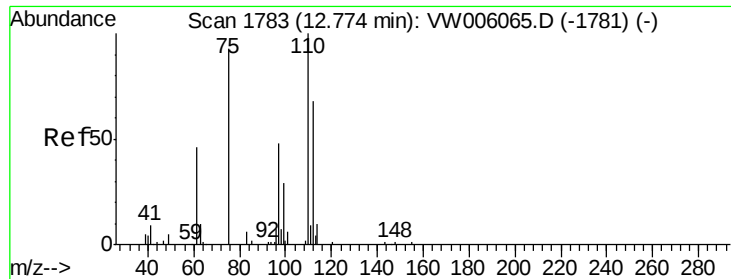
Tot Ion:106 Resp: 6714
Ion Ratio Lower Upper
106 100
91 184.7 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006273.D
Acq: 23 Oct 2018 02:46

Tgt Ion:152 Resp: 61289
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 156.6 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 54.254 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006273.D

Acq: 23 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

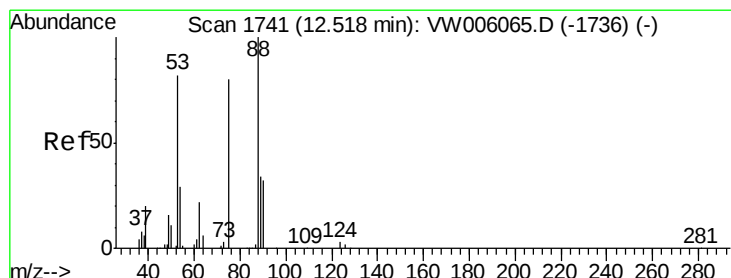
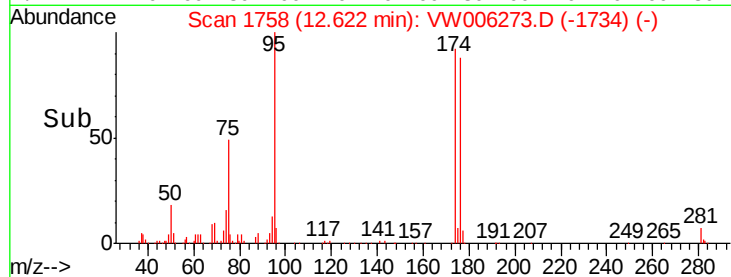
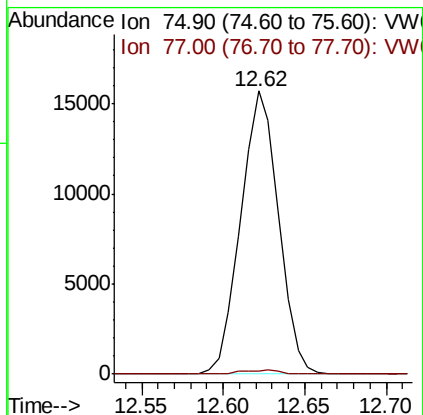
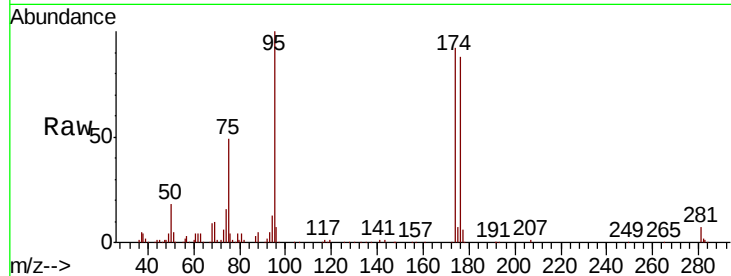
DW-05

Tot Ion: 75 Resp: 25398

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.690 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006273.D

Acq: 23 Oct 2018 02:46

Tgt Ion: 75 Resp: 25398

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

