

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006479.D
 Acq On : 30 Oct 2018 04:01
 Operator : SY/AP
 Sample : J5625-12RE
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-06RE

Quant Time: Oct 30 05:41:38 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	196967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	271480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45537	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	93966	57.54	ug/l	0.00
Spiked Amount			Recovery	=	115.08%	
35) Dibromofluoromethane	7.88	113	97503	60.78	ug/l	0.00
Spiked Amount			Recovery	=	121.56%	
50) Toluene-d8	10.33	98	266997	43.75	ug/l	0.00
Spiked Amount			Recovery	=	87.50%	
62) 4-Bromofluorobenzene	12.62	95	59149	25.80	ug/l	0.00
Spiked Amount			Recovery	=	51.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	926	1.044	ug/l	68
16) Acetone	4.15	43	334	Below Cal	#	45
20) Methylene Chloride	4.92	84	7331	2.703	ug/l	94
31) Cyclohexane	7.95	56	3680	1.232	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	12512	5.000	ug/l #	48
38) Carbon Tetrachloride	7.95	117	17025	6.206	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1139	1.196	ug/l #	1
68) m/p-Xylenes	11.84	106	4250	1.659	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	29092	83.643	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29092	199.939	ug/l #	10

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

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ALS Vial : 40 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

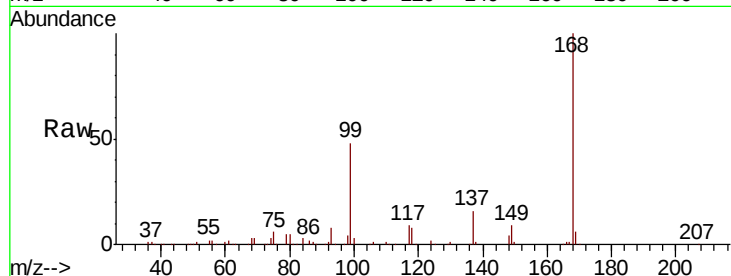
DW-06RE

Tot Ion:168 Resp: 196967

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

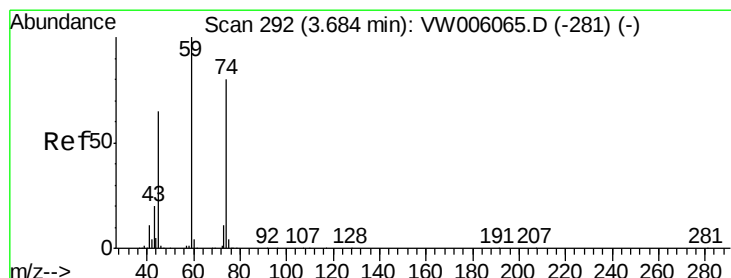
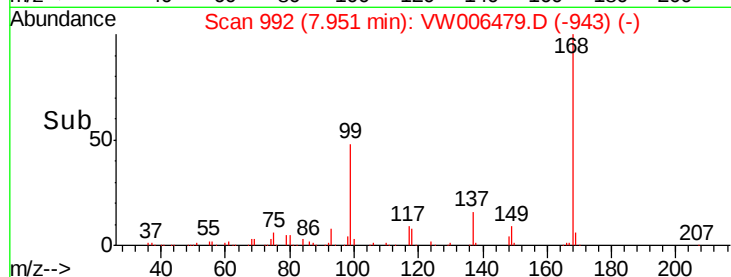
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.044 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006479.D

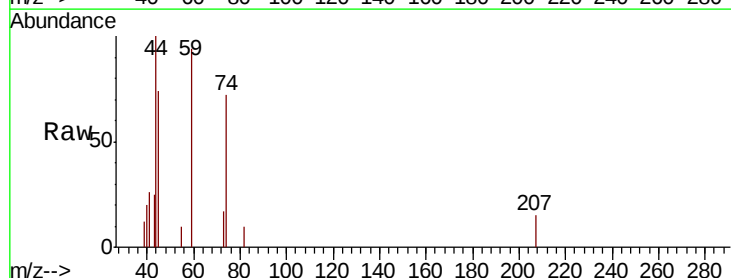
Acq: 30 Oct 2018 04:01

Tgt Ion: 74 Resp: 926

Ion Ratio Lower Upper

74 100

45 114.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

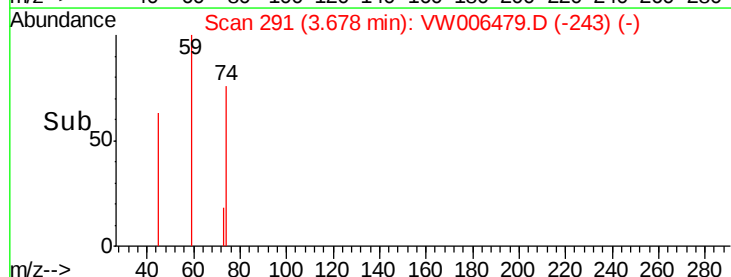
300

200

100

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

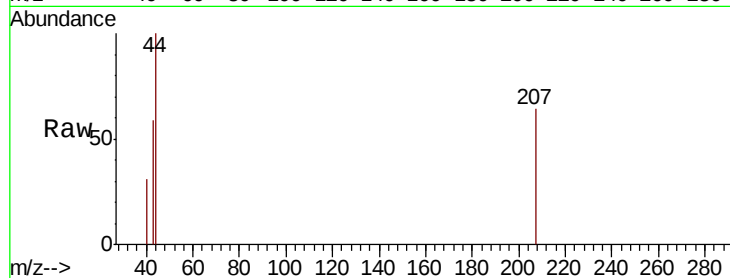
DW-06RE

Tot Ion: 43 Resp: 334

Ion Ratio Lower Upper

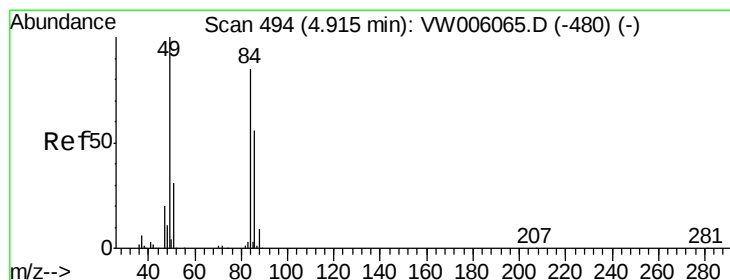
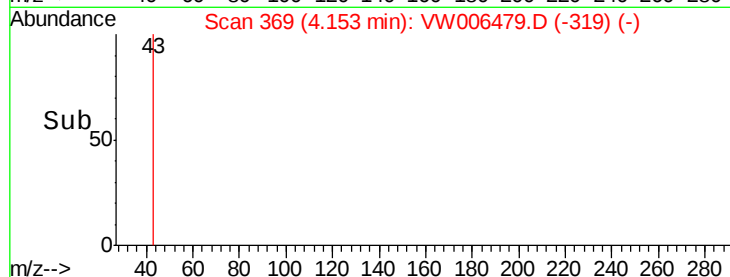
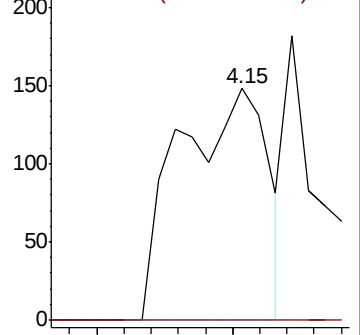
43 100

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



#20

Methylene Chloride

Concen: 2.703 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Tgt Ion: 84 Resp: 7331

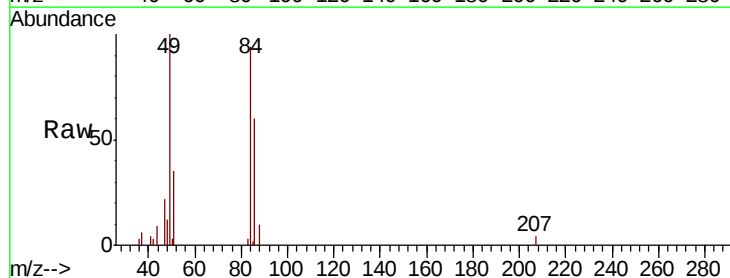
Ion Ratio Lower Upper

84 100

49 105.9 93.6 140.4

51 36.7 29.0 43.4

86 63.5 52.6 79.0

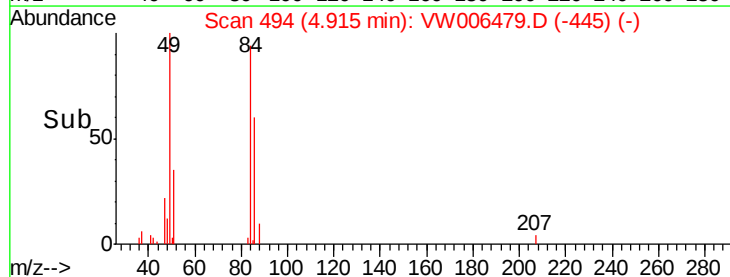
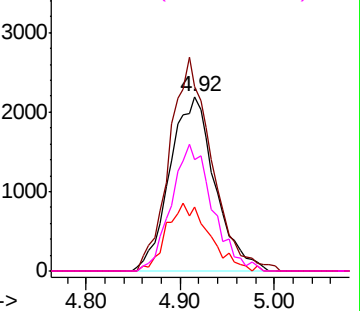


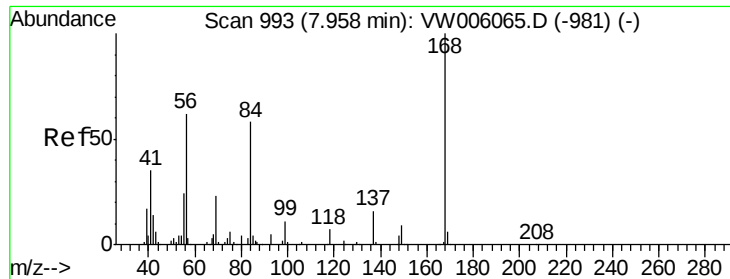
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#31

Cyclohexane

Concen: 1.232 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

DW-06RE

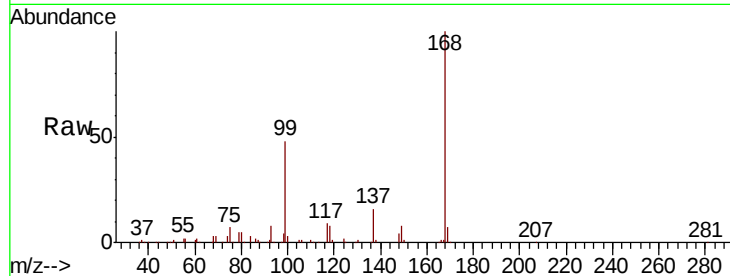
Tot Ion: 56 Resp: 3680

Ion Ratio Lower Upper

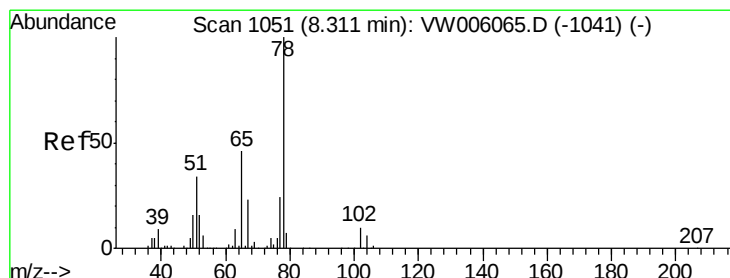
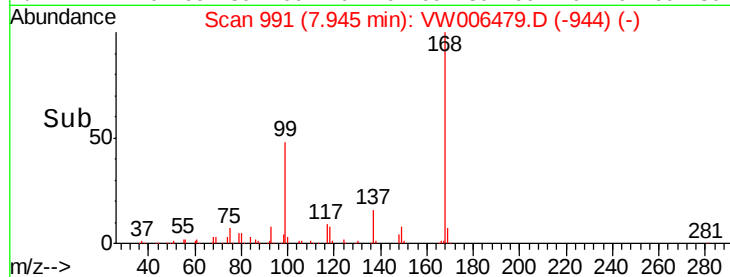
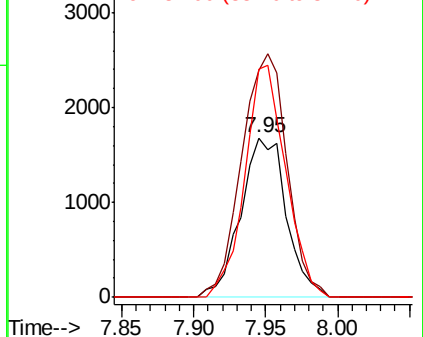
56 100

69 142.6 29.4 44.0#

84 143.1 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: 57.543 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006479.D

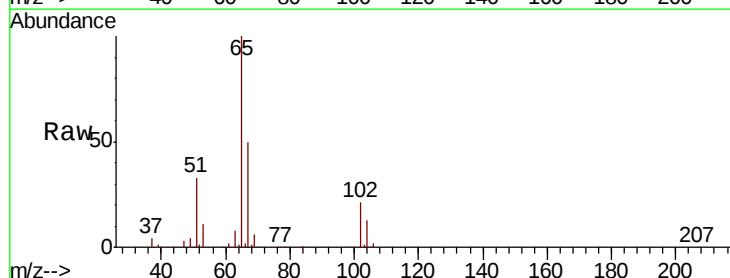
Acq: 30 Oct 2018 04:01

Tgt Ion: 65 Resp: 93966

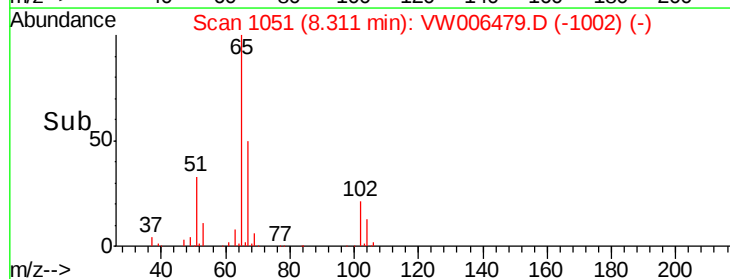
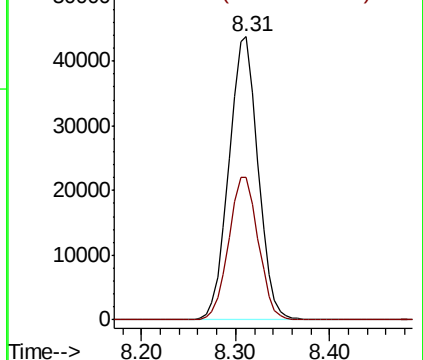
Ion Ratio Lower Upper

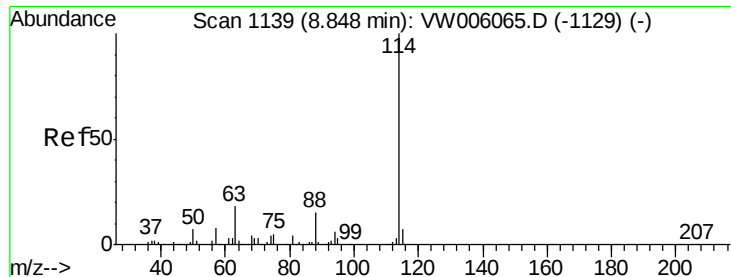
65 100

67 51.4 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: VW006479.D

Acq: 30 Oct 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

DW-06RE

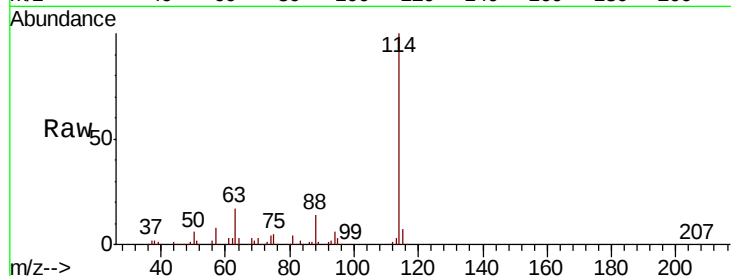
Tot Ion:114 Resp: 271480

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.8

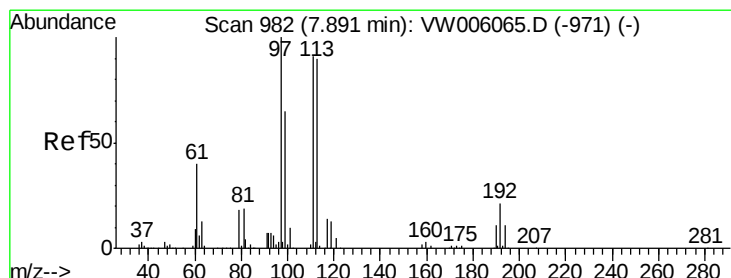
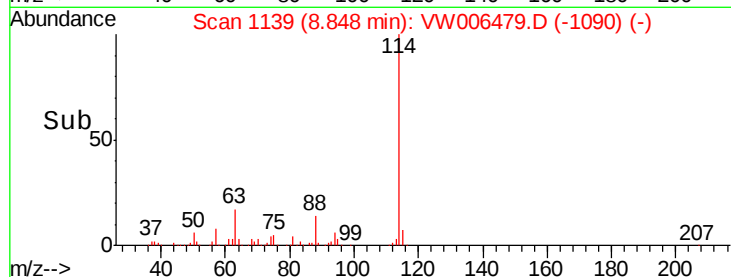
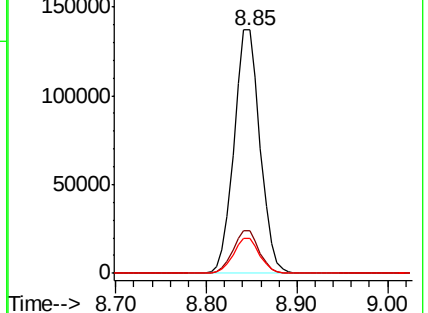
88 14.4 0.0 29.0



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: 60.781 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

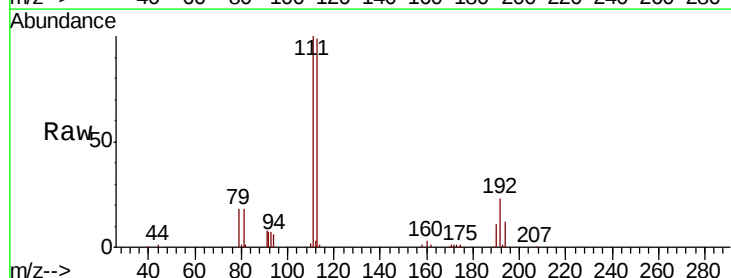
Tgt Ion:113 Resp: 97503

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

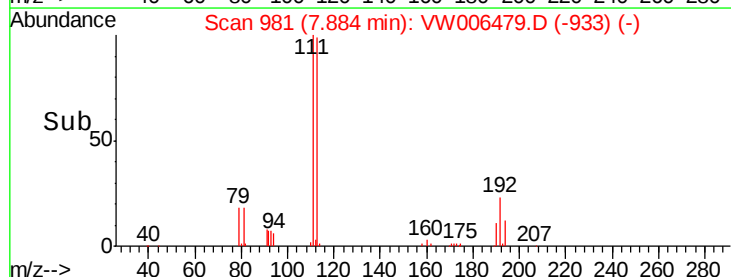
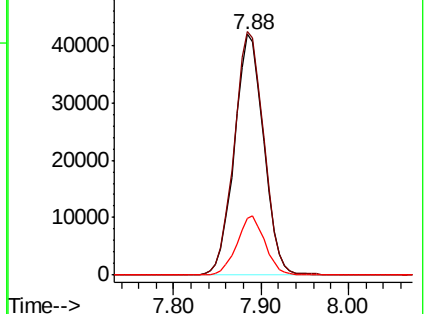
192 23.6 18.7 28.1

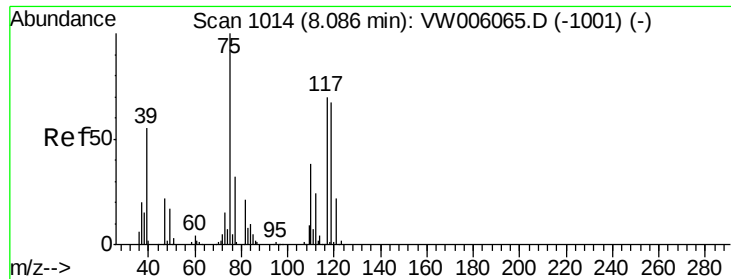


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

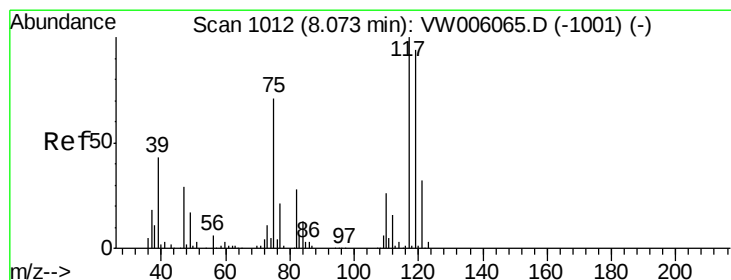
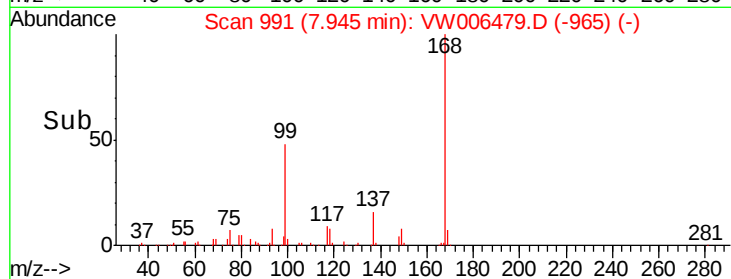
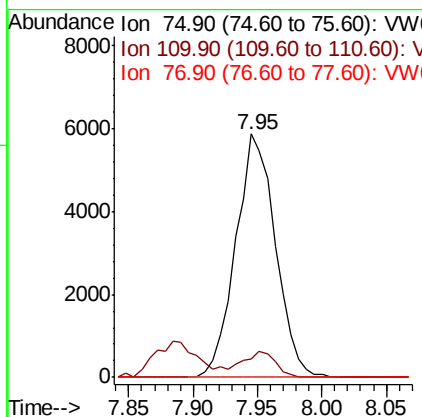
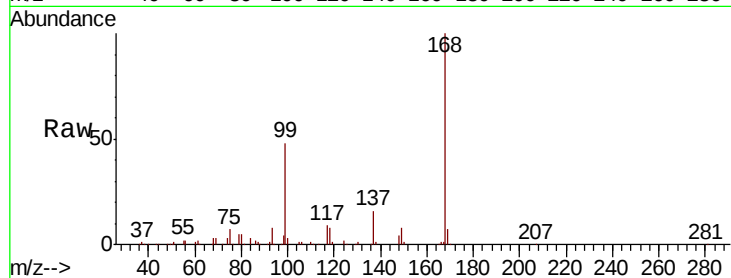




#36
 1,1-Dichloropropene
 Concen: 5.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006479.D
 Acq: 30 Oct 2018 04:01

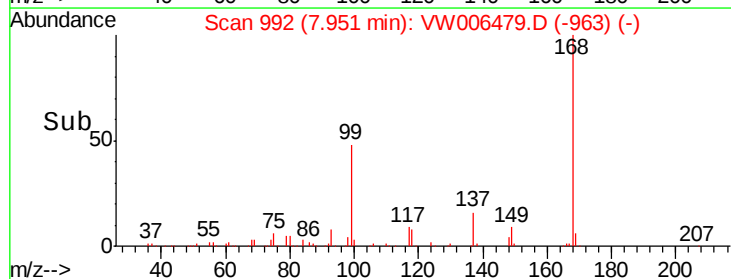
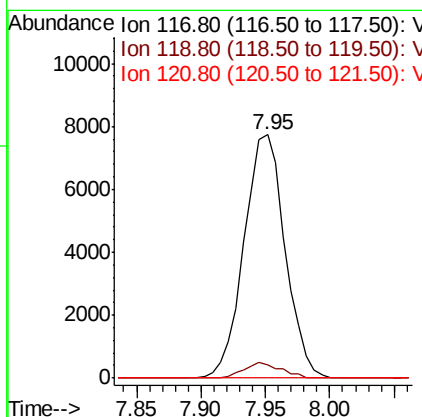
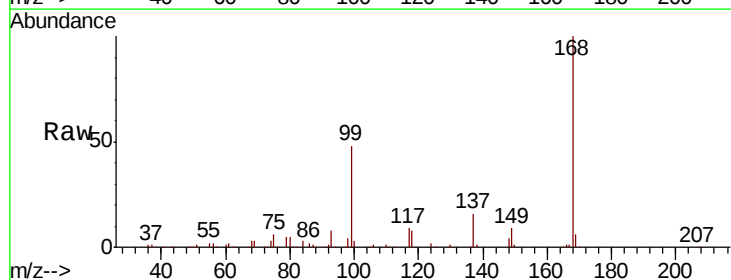
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-06RE

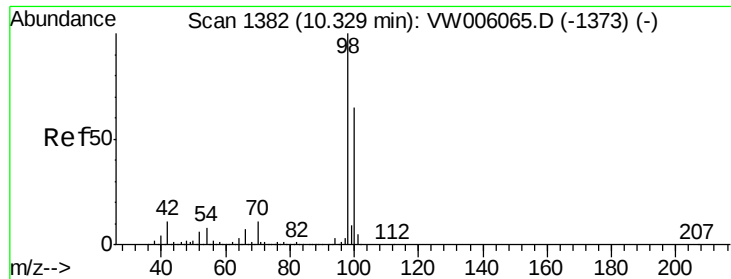
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.206 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006479.D
 Acq: 30 Oct 2018 04:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 43.748 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

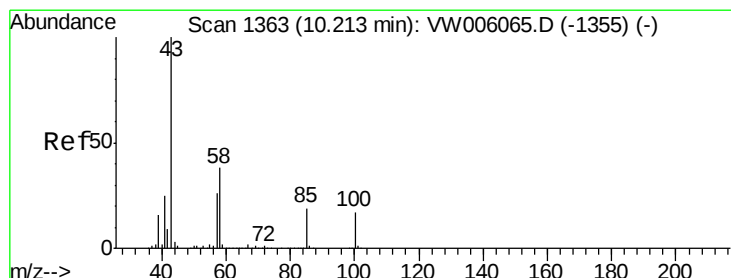
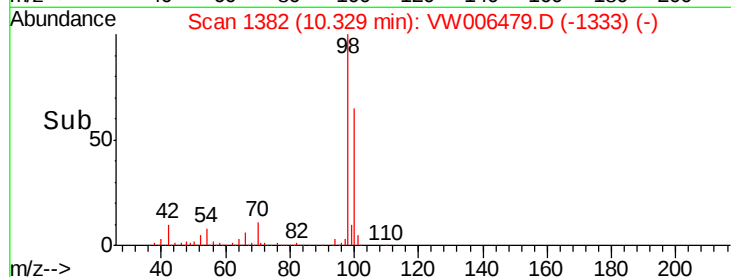
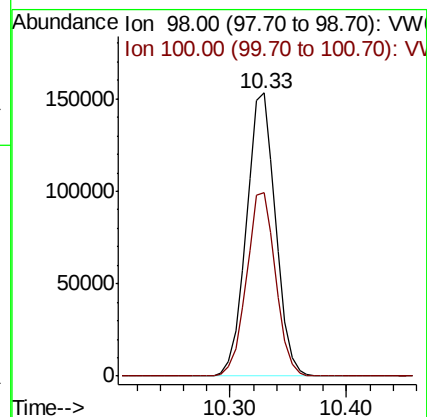
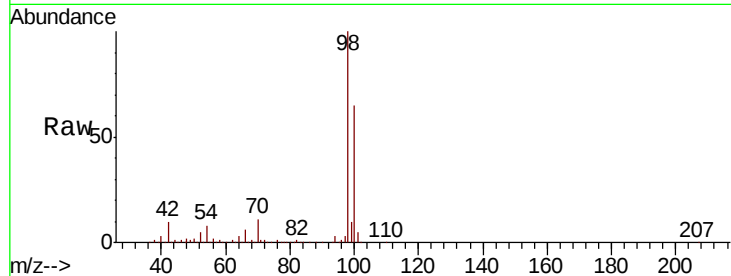
DW-06RE

Tot Ion: 98 Resp: 266997

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.196 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006479.D

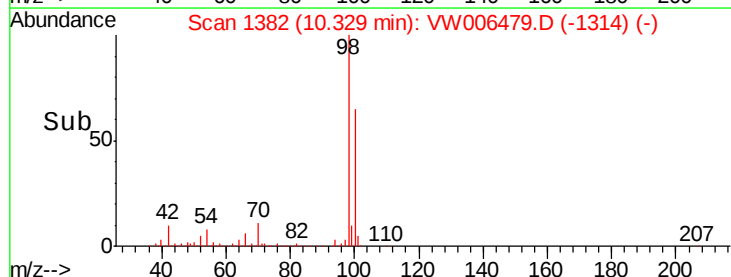
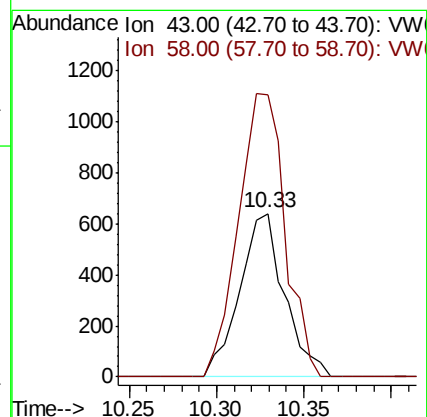
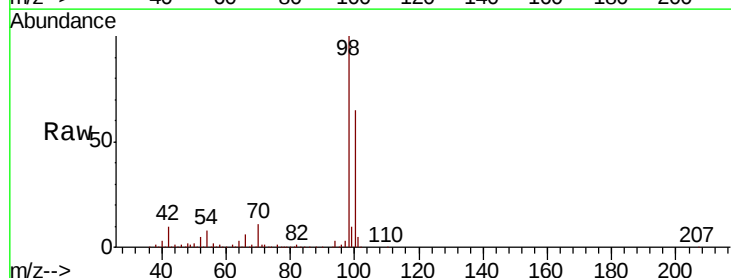
Acq: 30 Oct 2018 04:01

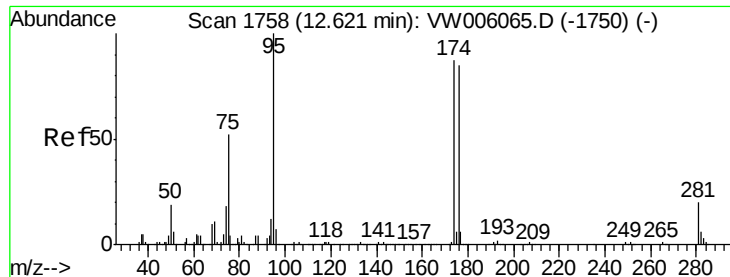
Tgt Ion: 43 Resp: 1139

Ion Ratio Lower Upper

43 100

58 180.4 31.5 47.3#





#62

4-Bromofluorobenzene

Concen: 25.804 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

DW-06RE

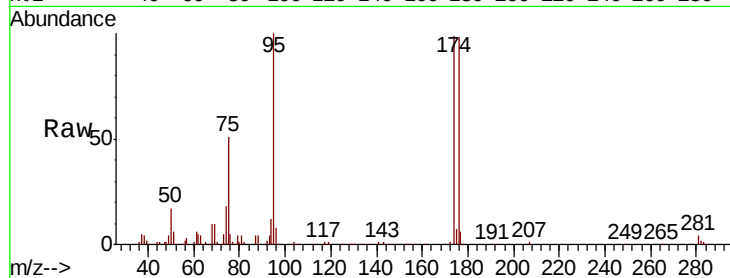
Tot Ion: 95 Resp: 59149

Ion Ratio Lower Upper

95 100

174 99.5 0.0 186.0

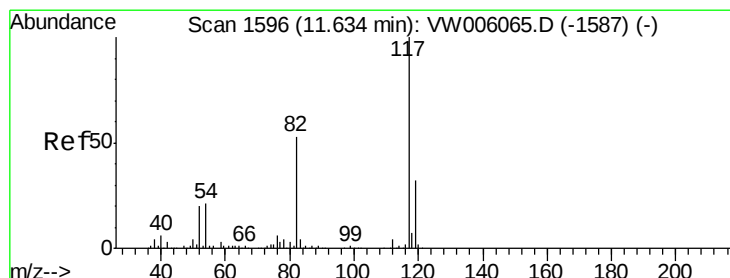
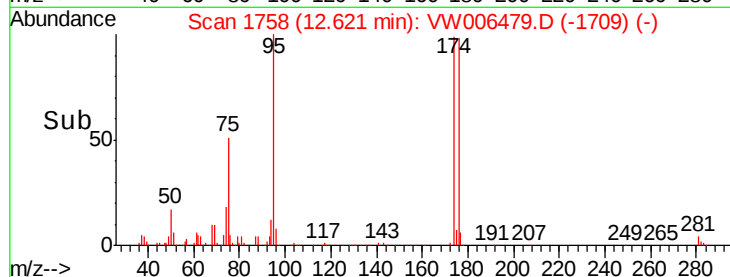
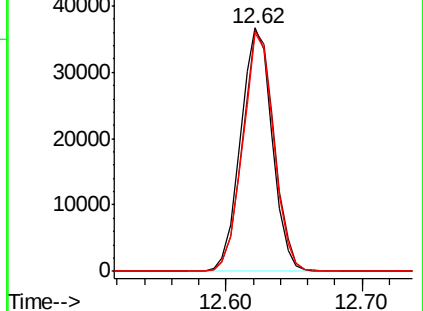
176 96.4 0.0 181.6



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: VW006479.D

Acq: 30 Oct 2018 04:01

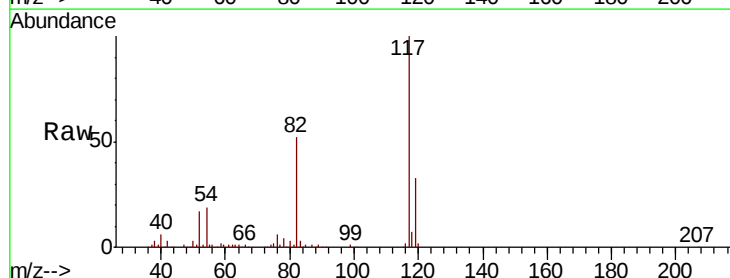
Tgt Ion: 117 Resp: 174697

Ion Ratio Lower Upper

117 100

82 52.0 42.1 63.1

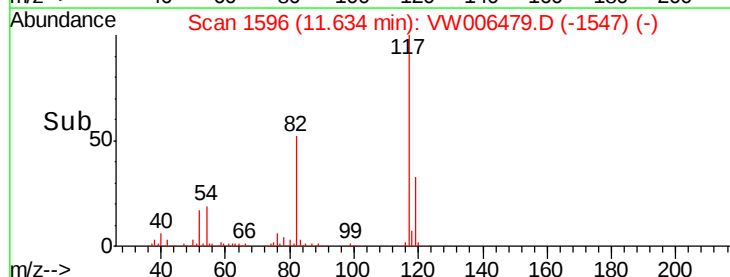
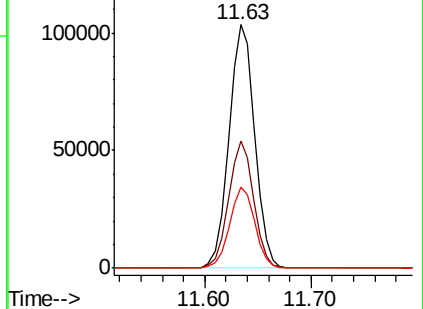
119 33.1 25.8 38.6

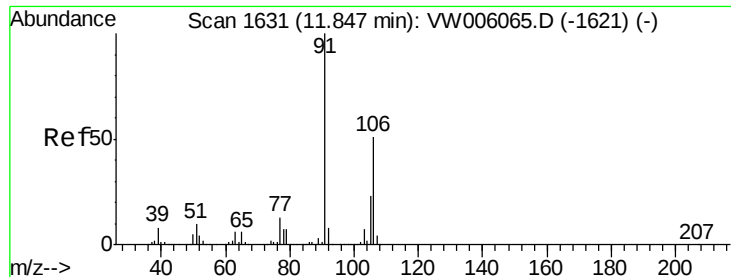


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

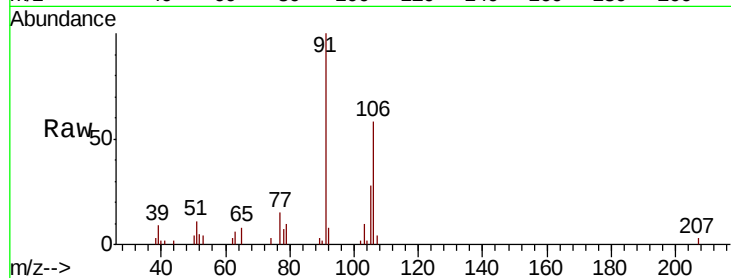




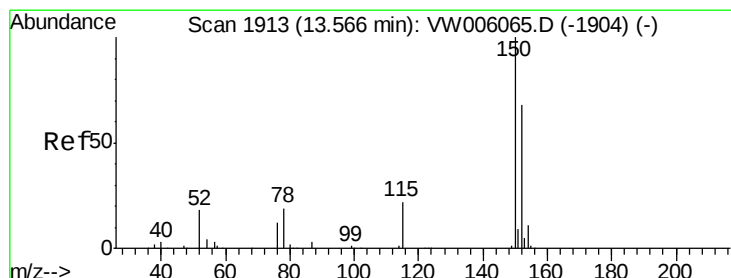
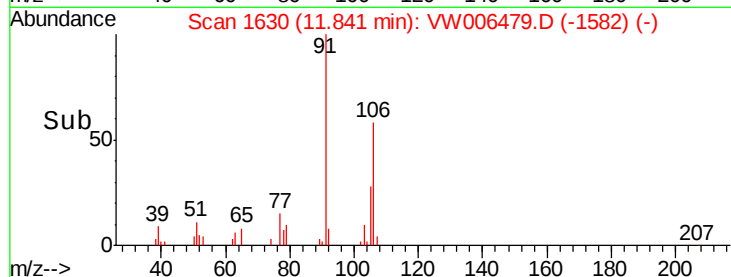
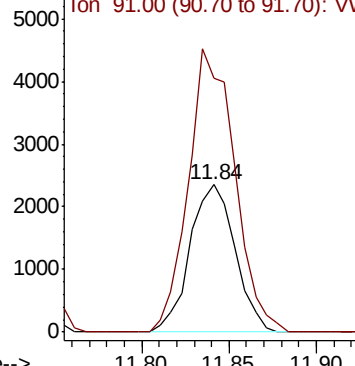
#68
m/p-Xvlenes
Concen: 1.659 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006479.D
Acq: 30 Oct 2018 04:01

Instrument :
MSVOA_W
ClientSampleId :
DW-06RE

Tot Ion:106 Resp: 4250
Ion Ratio Lower Upper
106 100
91 196.6 159.1 238.7

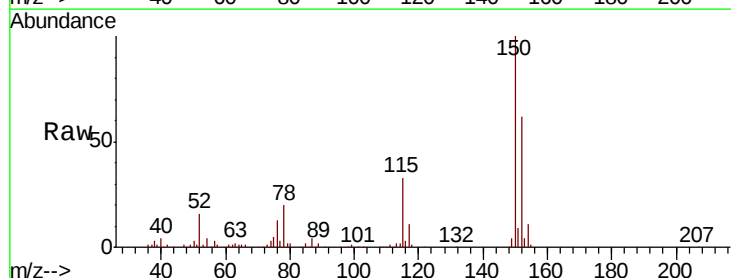


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

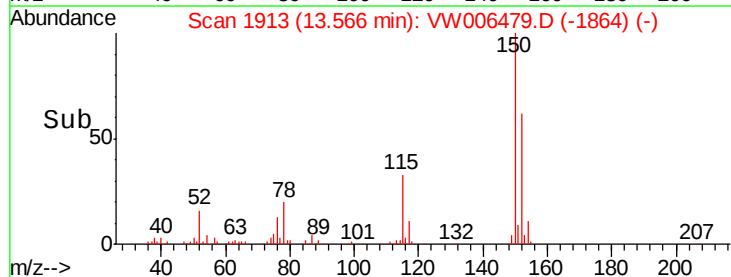
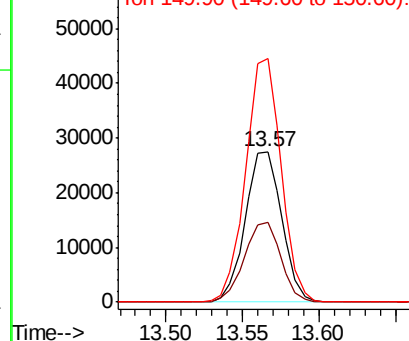


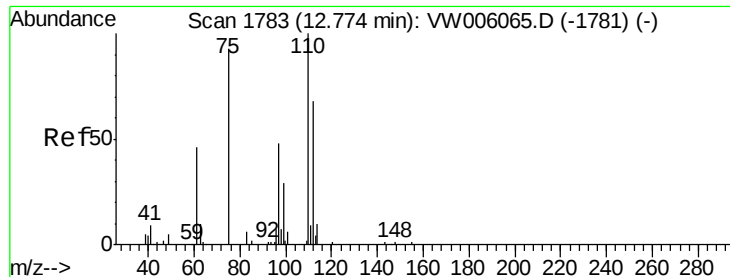
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006479.D
Acq: 30 Oct 2018 04:01

Tgt Ion:152 Resp: 45537
Ion Ratio Lower Upper
152 100
115 53.0 27.8 83.3
150 157.1 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: 83.643 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

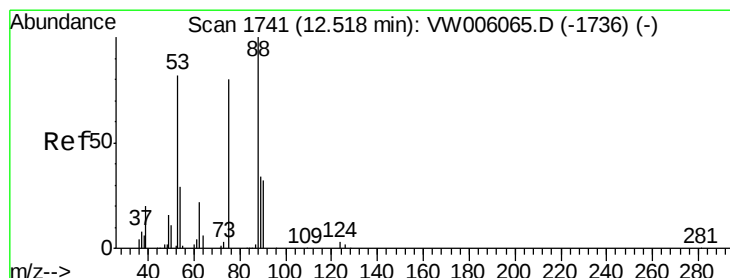
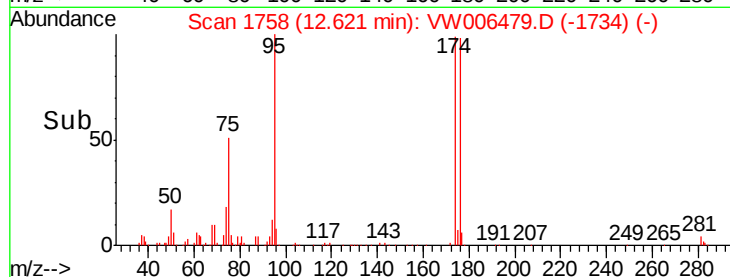
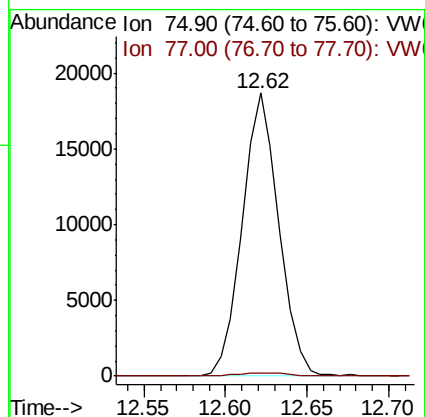
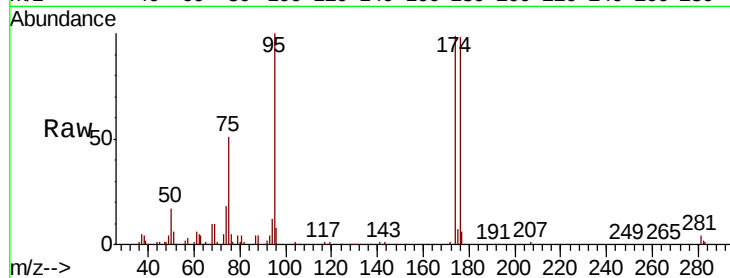
DW-06RE

Tot Ion: 75 Resp: 29092

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 199.939 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006479.D

Acq: 30 Oct 2018 04:01

Tgt Ion: 75 Resp: 29092

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

