

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006272.D
 Acq On : 23 Oct 2018 02:20
 Operator : VA/AP
 Sample : J5625-08
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-04

Quant Time: Oct 23 05:36:41 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

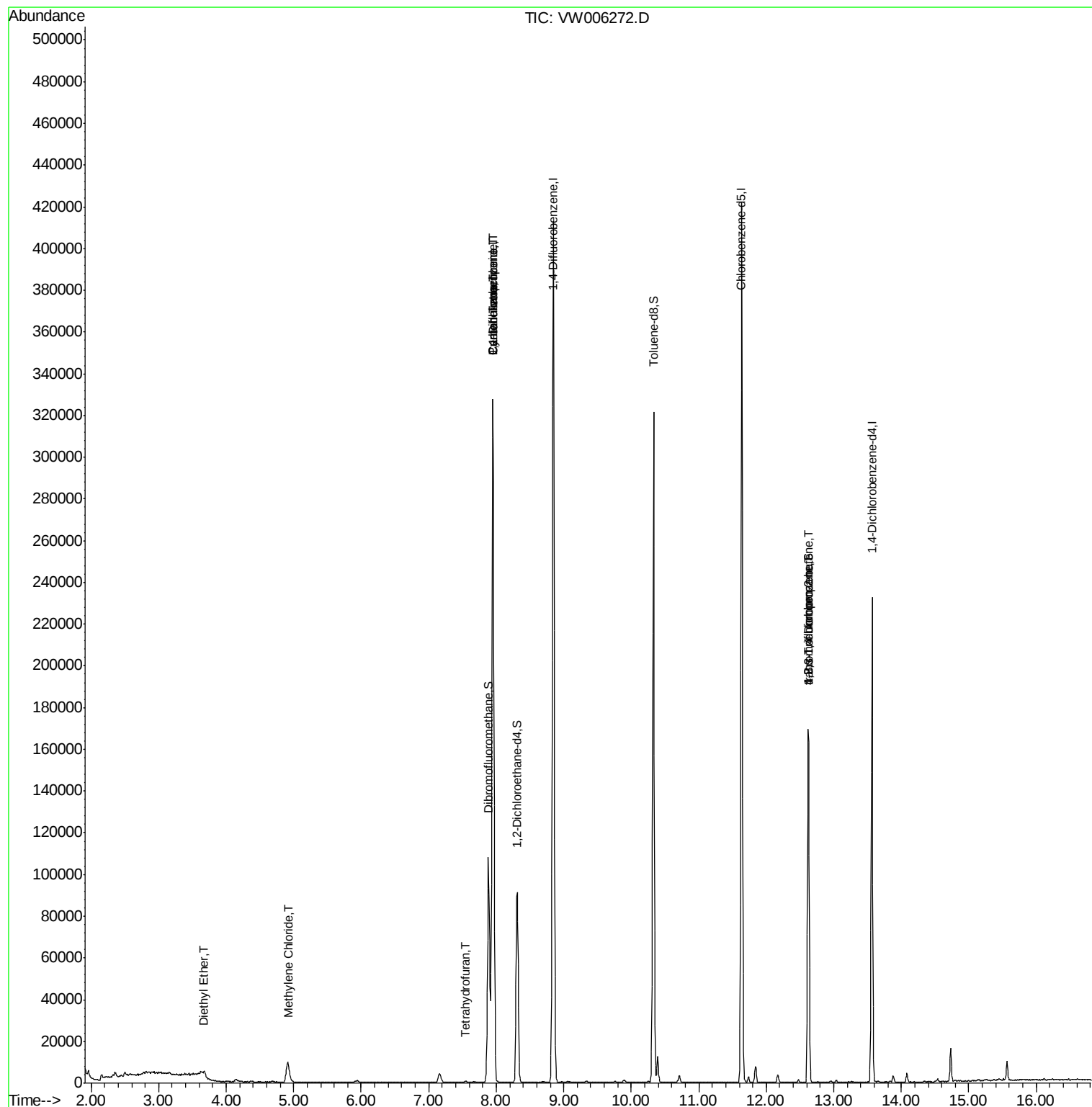
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	72411	33.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.50%	
35) Dibromofluoromethane	7.88	113	75313	34.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.44%	
50) Toluene-d8	10.33	98	218521	26.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.96%	
62) 4-Bromofluorobenzene	12.62	95	51490	16.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.22%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1906	1.611	ug/l #	1
16) Acetone	4.14	43	2169	Below Cal	#	83
20) Methylene Chloride	4.92	84	8491	2.127	ug/l #	85
29) Tetrahydrofuran	7.54	42	406	1.123	ug/l #	40
31) Cyclohexane	7.95	56	4800	1.205	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17216	5.088	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23536	6.345	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	26914	55.144	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26914	131.815	ug/l #	10

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

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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: VW006272.D

Acq: 23 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampled :

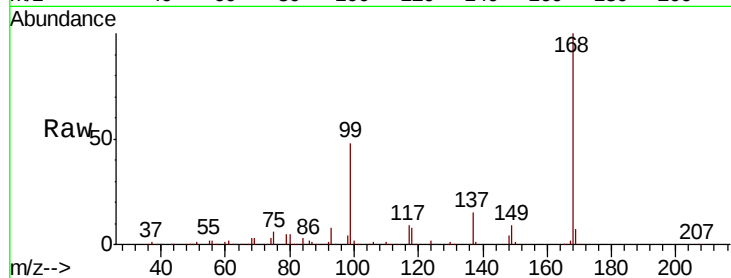
DW-04

Tot Ion:168 Resp: 262651

Ion Ratio Lower Upper

168 100

99 48.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

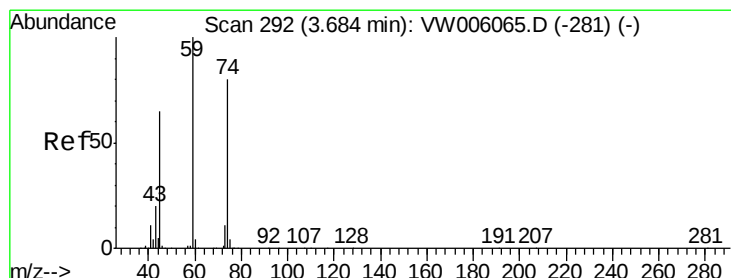
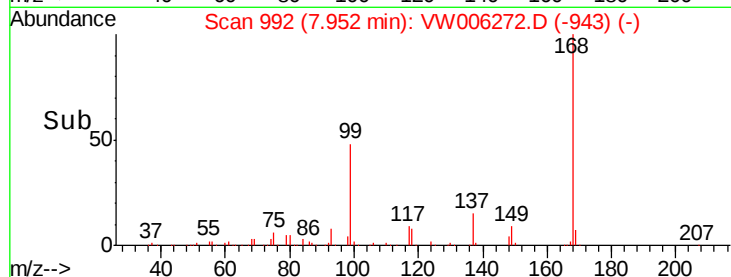
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.611 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006272.D

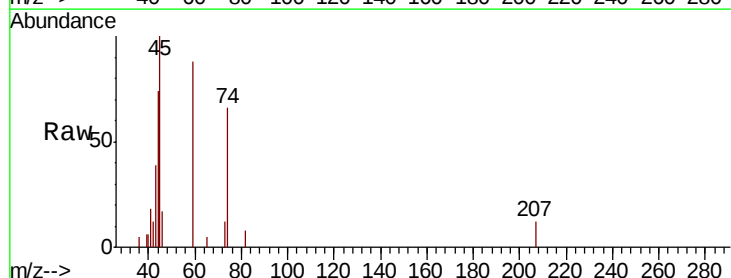
Acq: 23 Oct 2018 02:20

Tgt Ion: 74 Resp: 1906

Ion Ratio Lower Upper

74 100

45 284.5 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

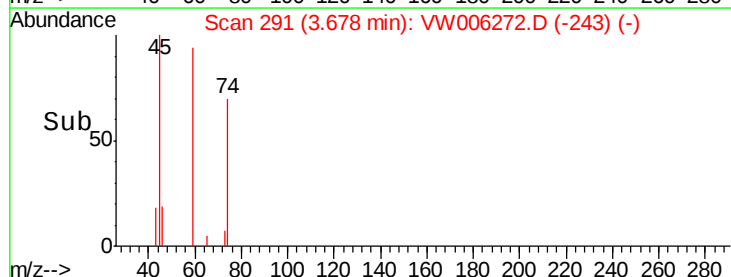
1500

1000

500

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006272.D

Acq: 23 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

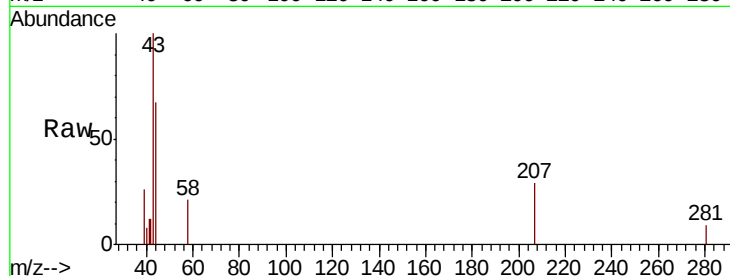
DW-04

Tot Ion: 43 Resp: 2169

Ion Ratio Lower Upper

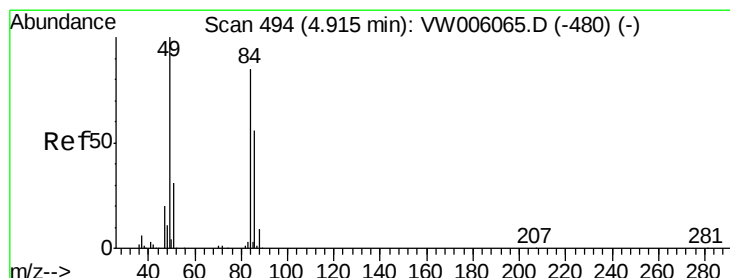
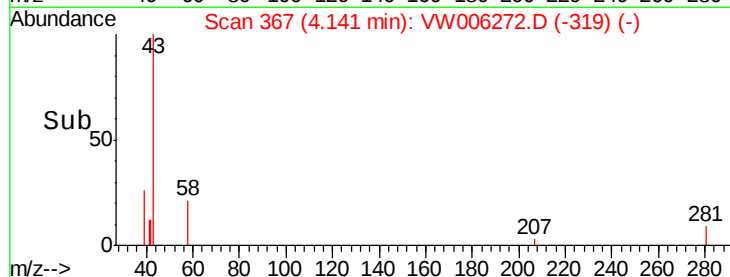
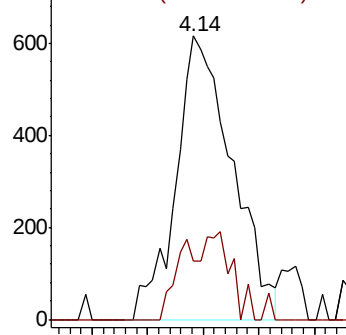
43 100

58 20.8 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: 2.127 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006272.D

Acq: 23 Oct 2018 02:20

Tgt Ion: 84 Resp: 8491

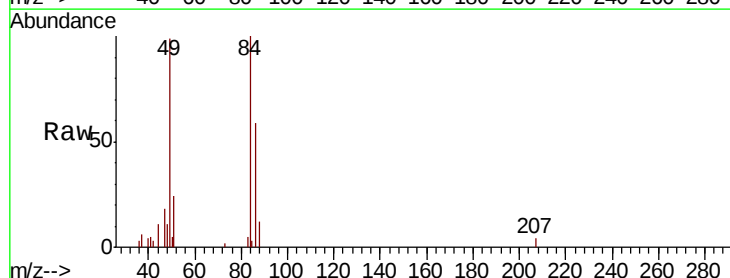
Ion Ratio Lower Upper

84 100

49 98.6 93.6 140.4

51 24.0 29.0 43.4#

86 58.9 52.6 79.0

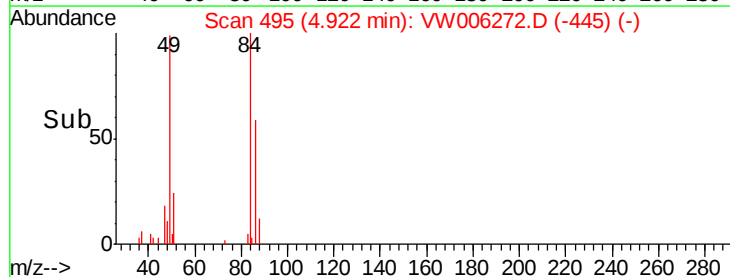
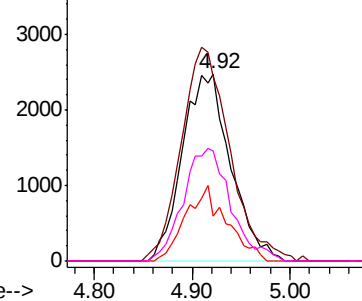


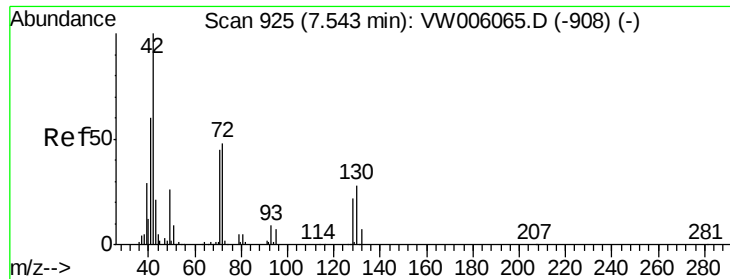
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 1.123 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006272.D

Acq: 23 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

DW-04

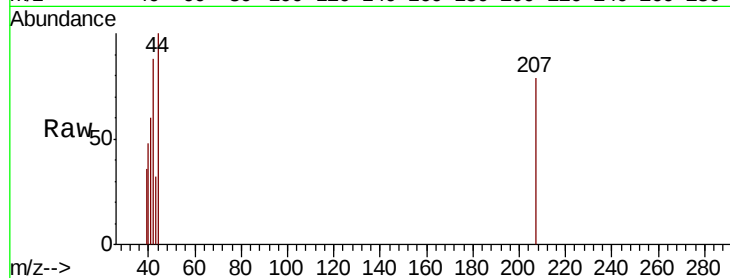
Tot Ion: 42 Resp: 406

Ion Ratio Lower Upper

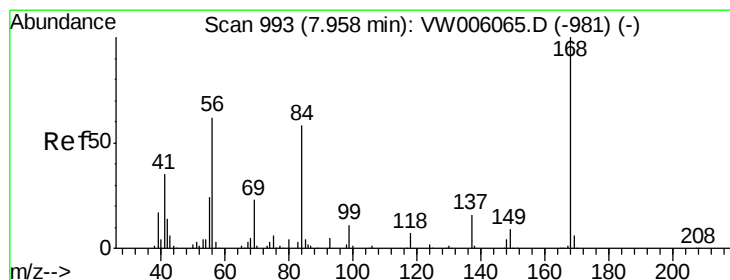
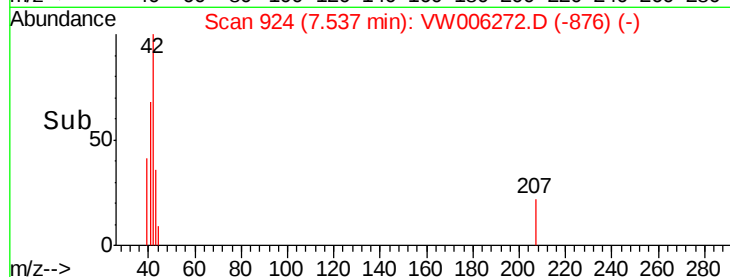
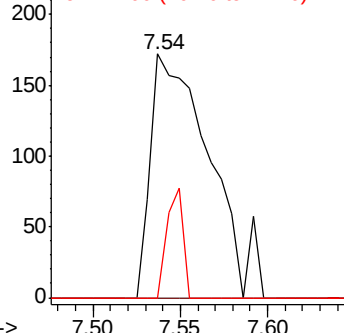
42 100

72 0.0 38.0 57.0#

71 12.3 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.205 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006272.D

Acq: 23 Oct 2018 02:20

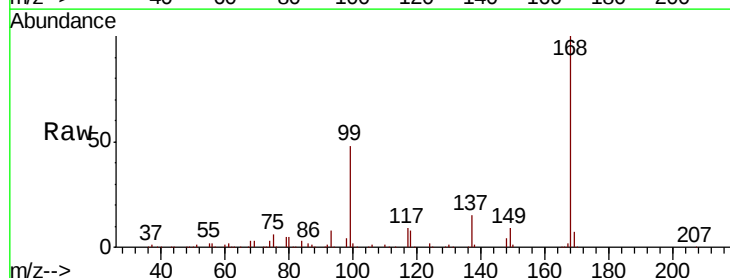
Tgt Ion: 56 Resp: 4800

Ion Ratio Lower Upper

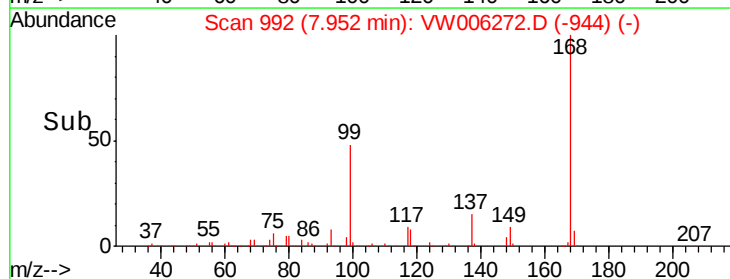
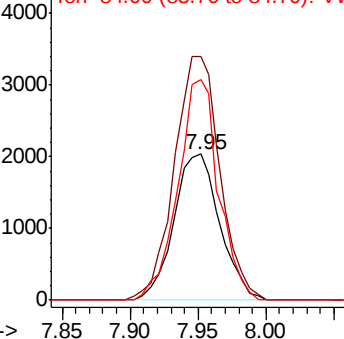
56 100

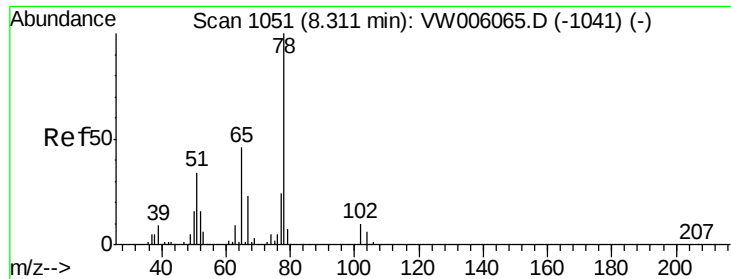
69 166.6 29.4 44.0#

84 150.7 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

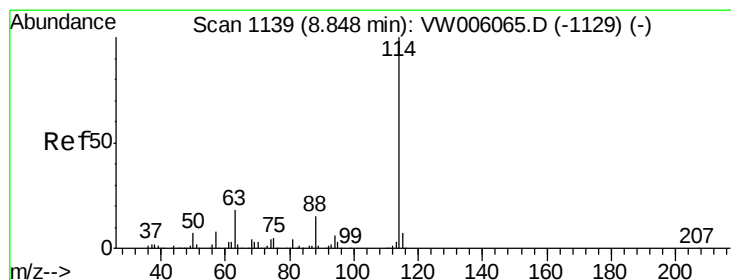
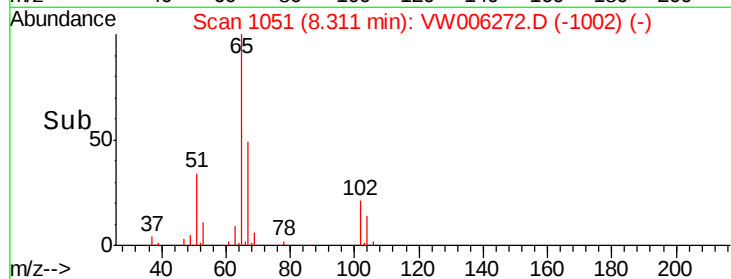
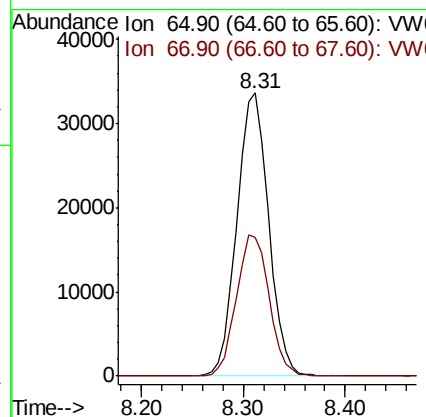
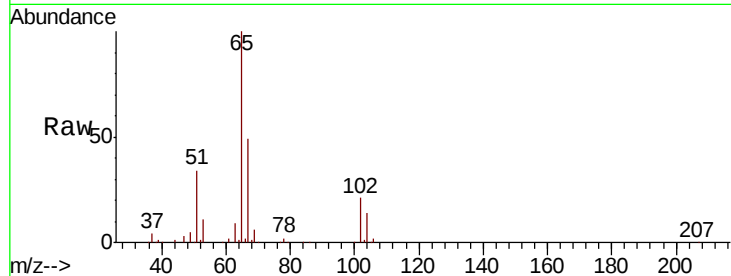




#33
 1,2-Dichloroethane-d4
 Concen: 33.254 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006272.D
 Acq: 23 Oct 2018 02:20

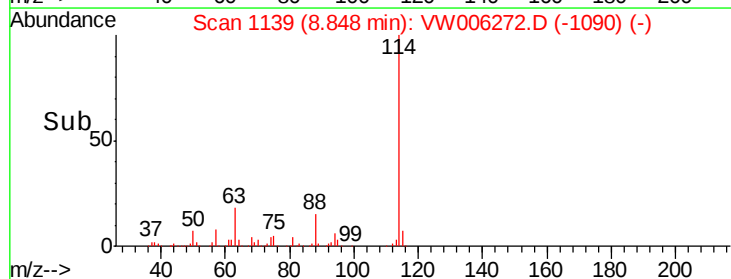
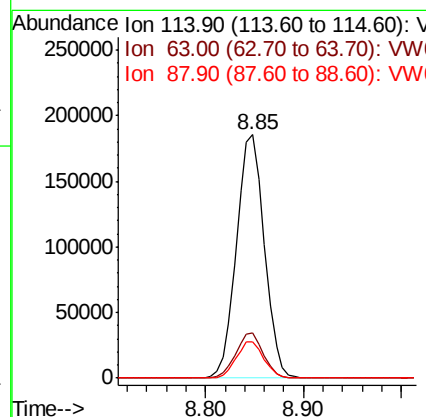
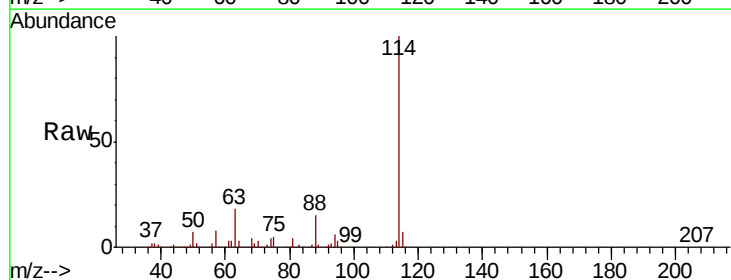
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-04

Tot Ion: 65 Resp: 72411
 Ion Ratio Lower Upper
 65 100
 67 51.5 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: VW006272.D
 Acq: 23 Oct 2018 02:20

Tgt Ion: 114 Resp: 367087
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.9 0.0 29.0

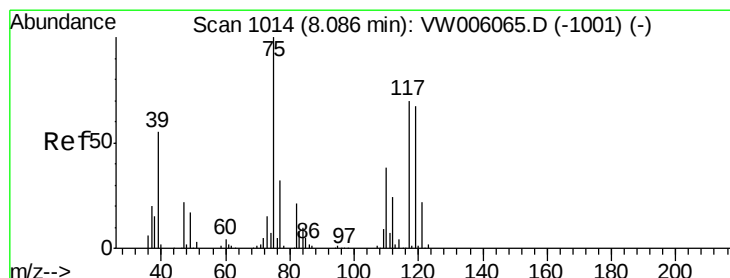
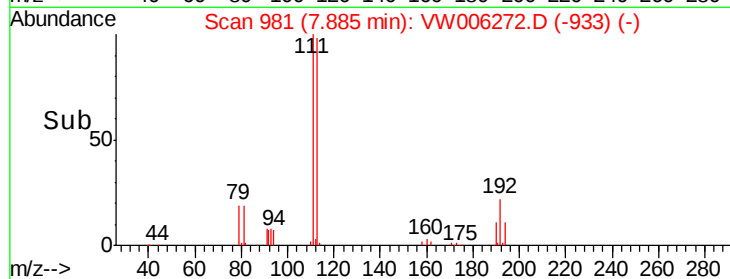
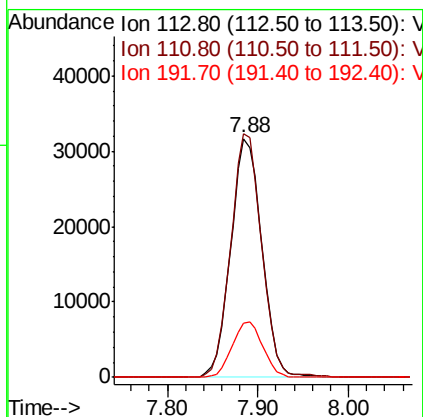
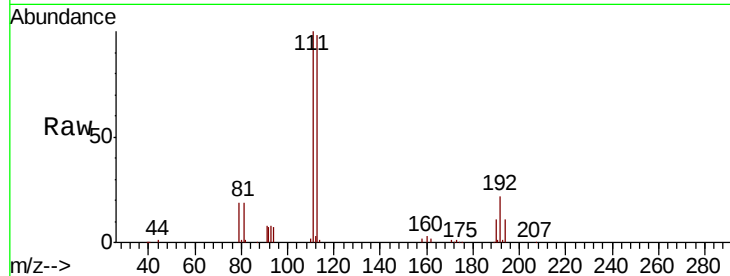




#35
 Dibromofluoromethane
 Concen: 34.721 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006272.D
 Acq: 23 Oct 2018 02:20

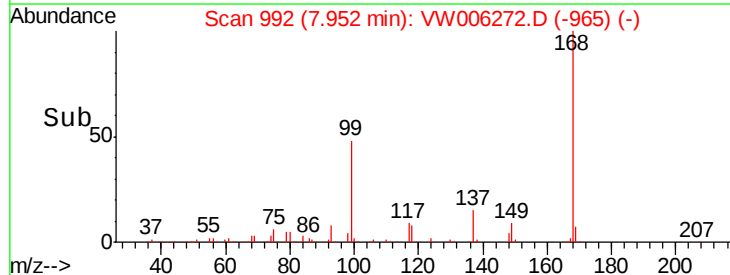
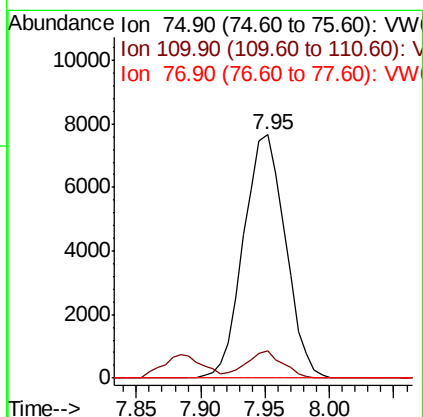
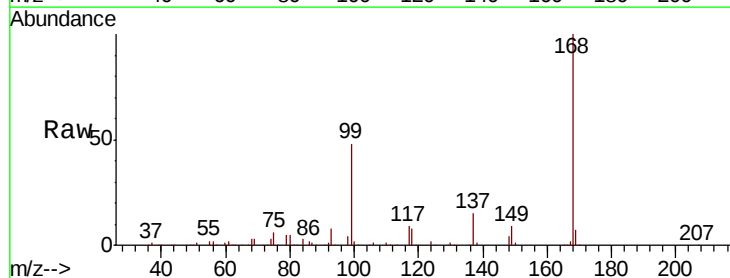
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-04

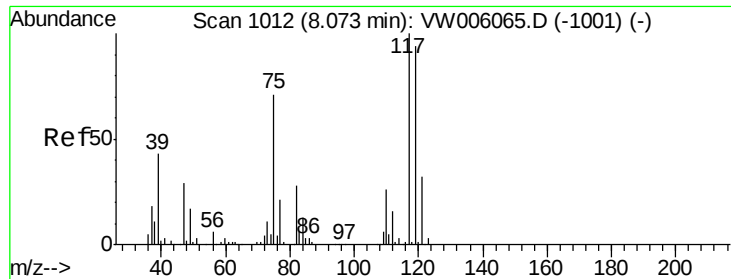
Tot Ion:113 Resp: 75313
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 23.0 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.088 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006272.D
 Acq: 23 Oct 2018 02:20

Tgt Ion: 75 Resp: 17216
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.1#
 77 0.0 25.0 37.4#

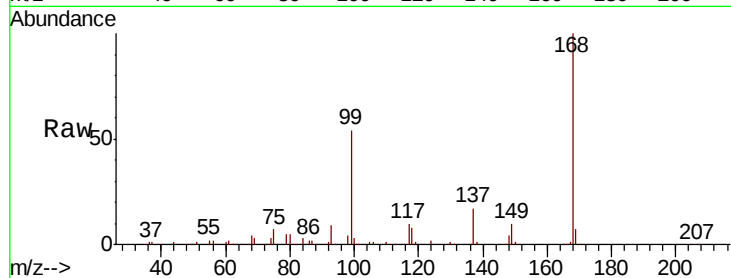




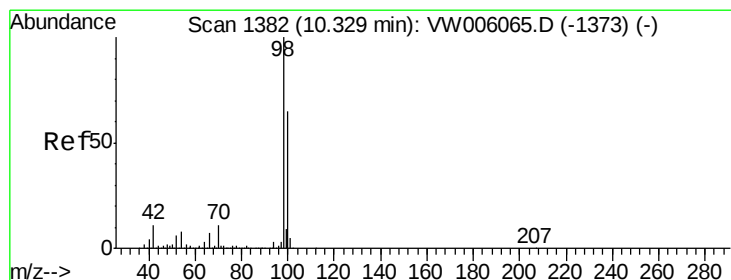
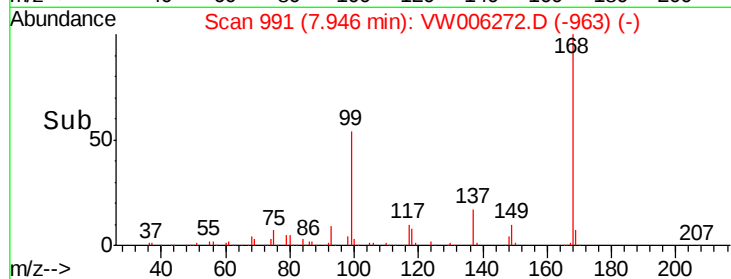
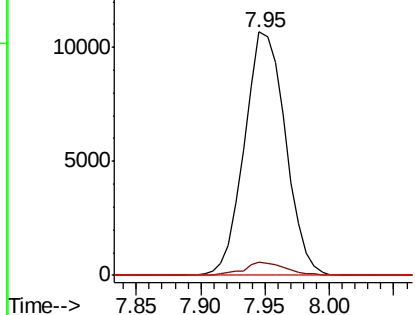
#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006272.D
Acq: 23 Oct 2018 02:20

Instrument :
MSVOA_W
ClientSampled :
DW-04

Tot Ion:117 Resp: 23536
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 25.3 37.9#

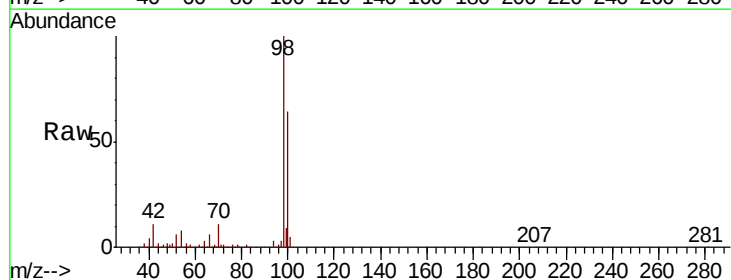


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

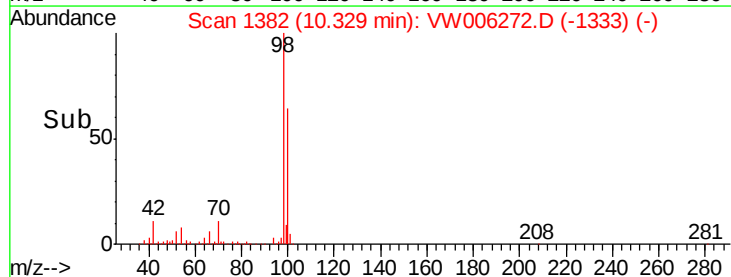
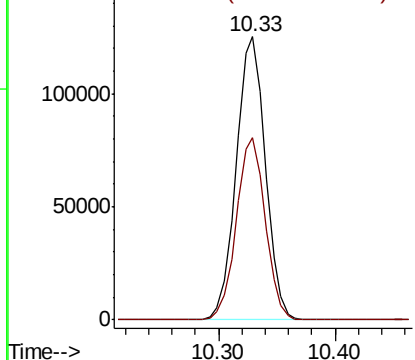


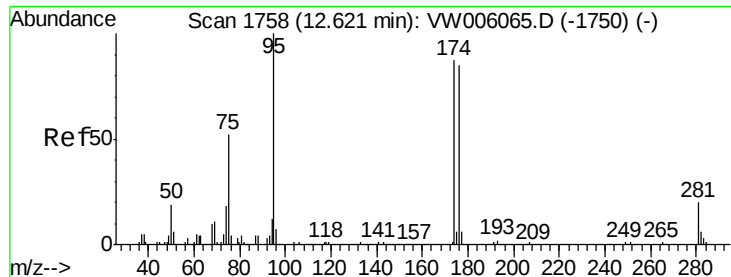
#50
Toluene-d8
Concen: 26.480 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006272.D
Acq: 23 Oct 2018 02:20

Tgt Ion: 98 Resp: 218521
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): V

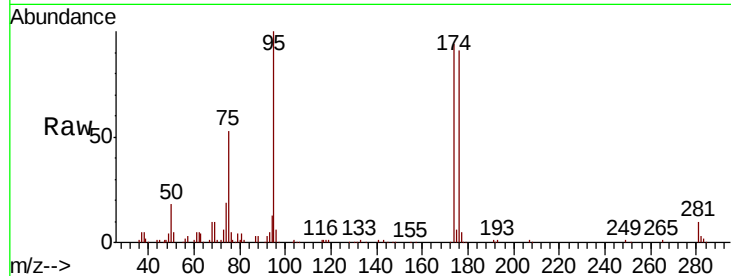




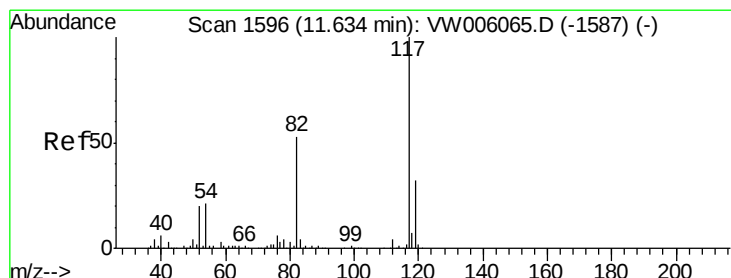
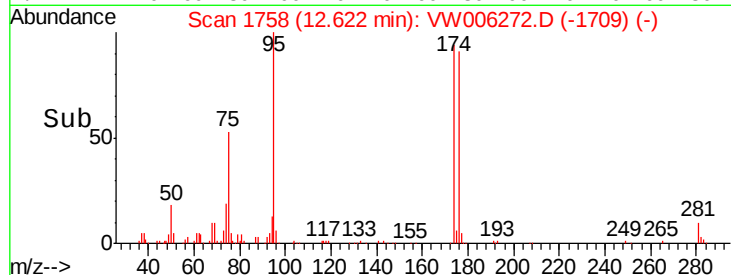
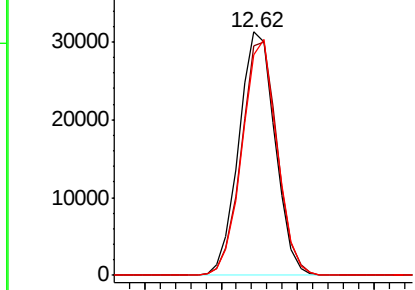
#62
4-Bromofluorobenzene
Concen: 16.612 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006272.D
Acq: 23 Oct 2018 02:20

Instrument :
MSVOA_W
ClientSampled :
DW-04

Tot Ion: 95 Resp: 51490
Ion Ratio Lower Upper
95 100
174 94.8 0.0 186.0
176 92.9 0.0 181.6

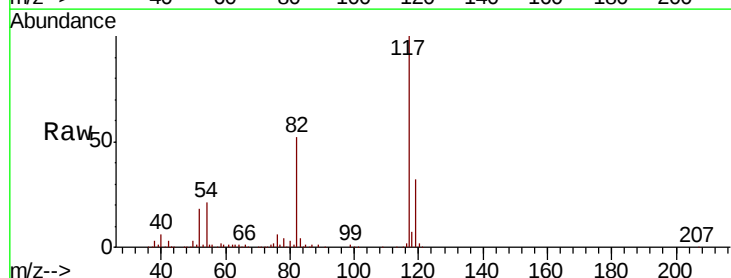


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

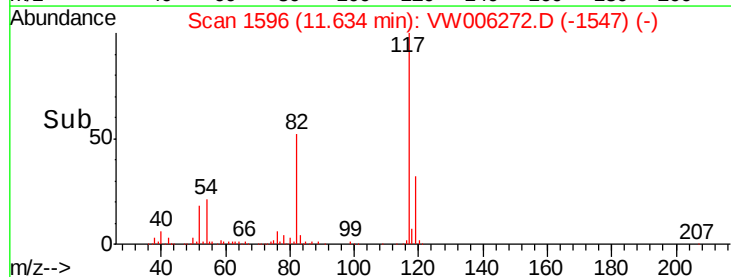
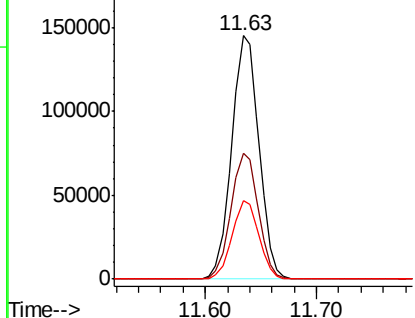


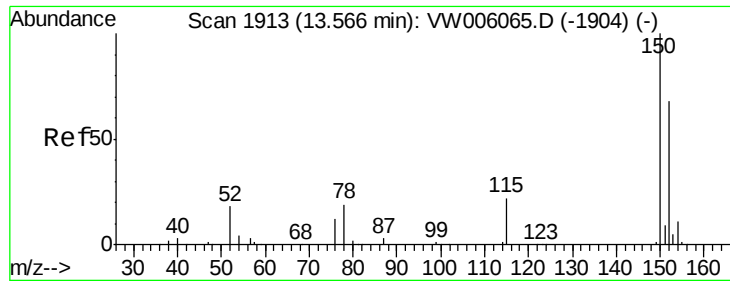
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006272.D
Acq: 23 Oct 2018 02:20

Tgt Ion: 117 Resp: 245224
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 32.0 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006272.D

Acq: 23 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampled :

DW-04

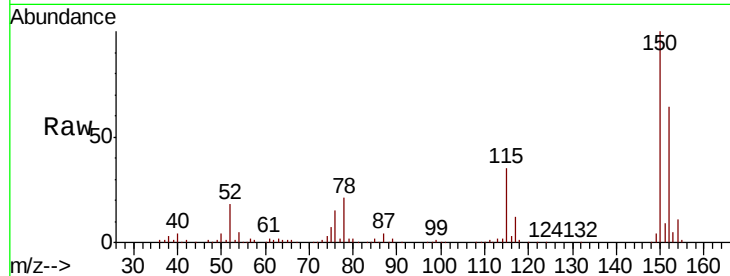
Tot Ion:152 Resp: 63900

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.3

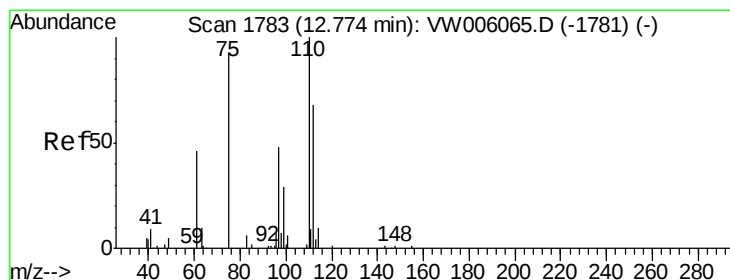
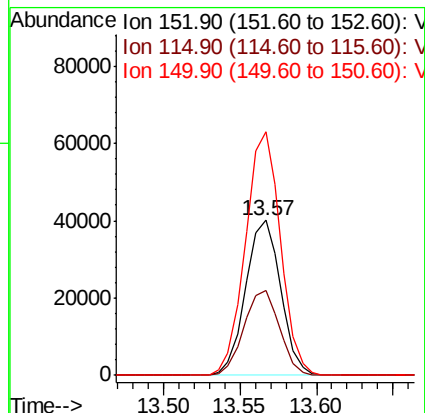
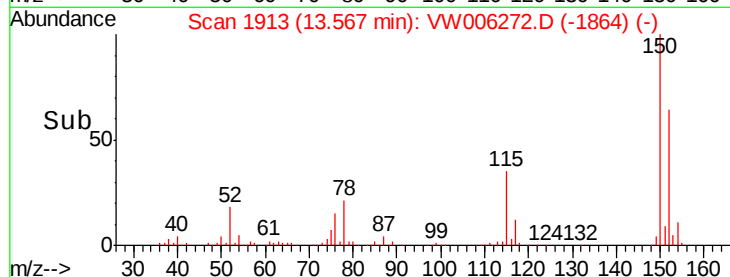
150 156.7 0.0 349.2



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: 55.144 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006272.D

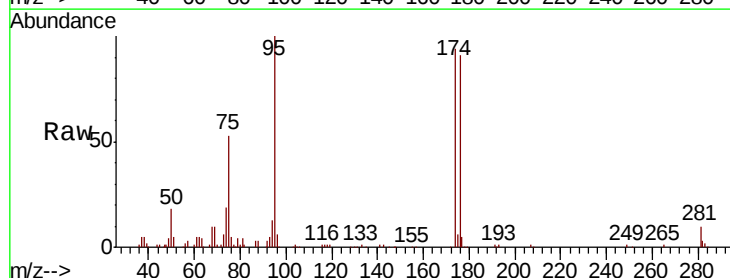
Acq: 23 Oct 2018 02:20

Tgt Ion: 75 Resp: 26914

Ion Ratio Lower Upper

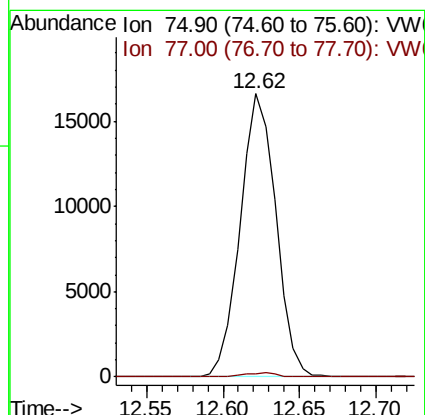
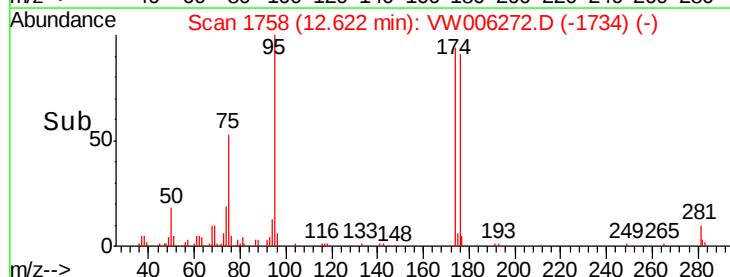
75 100

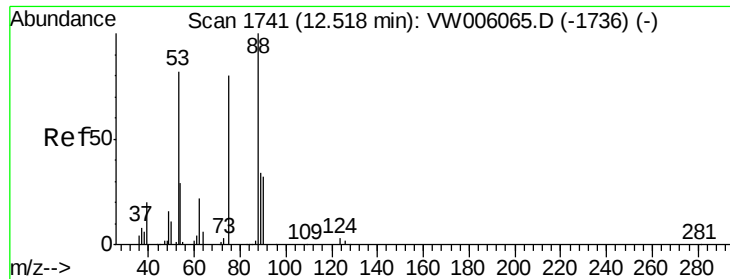
77 1.3 0.0 0.0#



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: 131.815 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006272.D

Acq: 23 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

DW-04

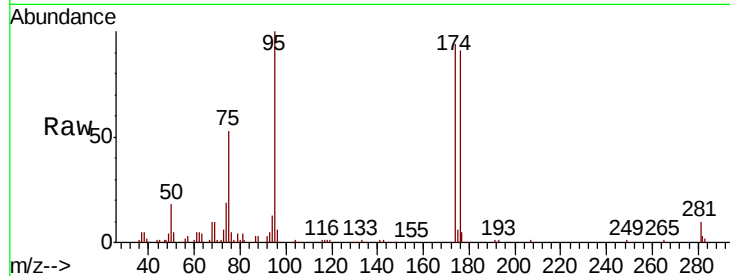
Tot Ion: 75 Resp: 26914

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 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

