

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006200.D
 Acq On : 19 Oct 2018 03:55
 Operator : VA/AP
 Sample : J5202-03
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-101718-B

Quant Time: Oct 19 06:09:07 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

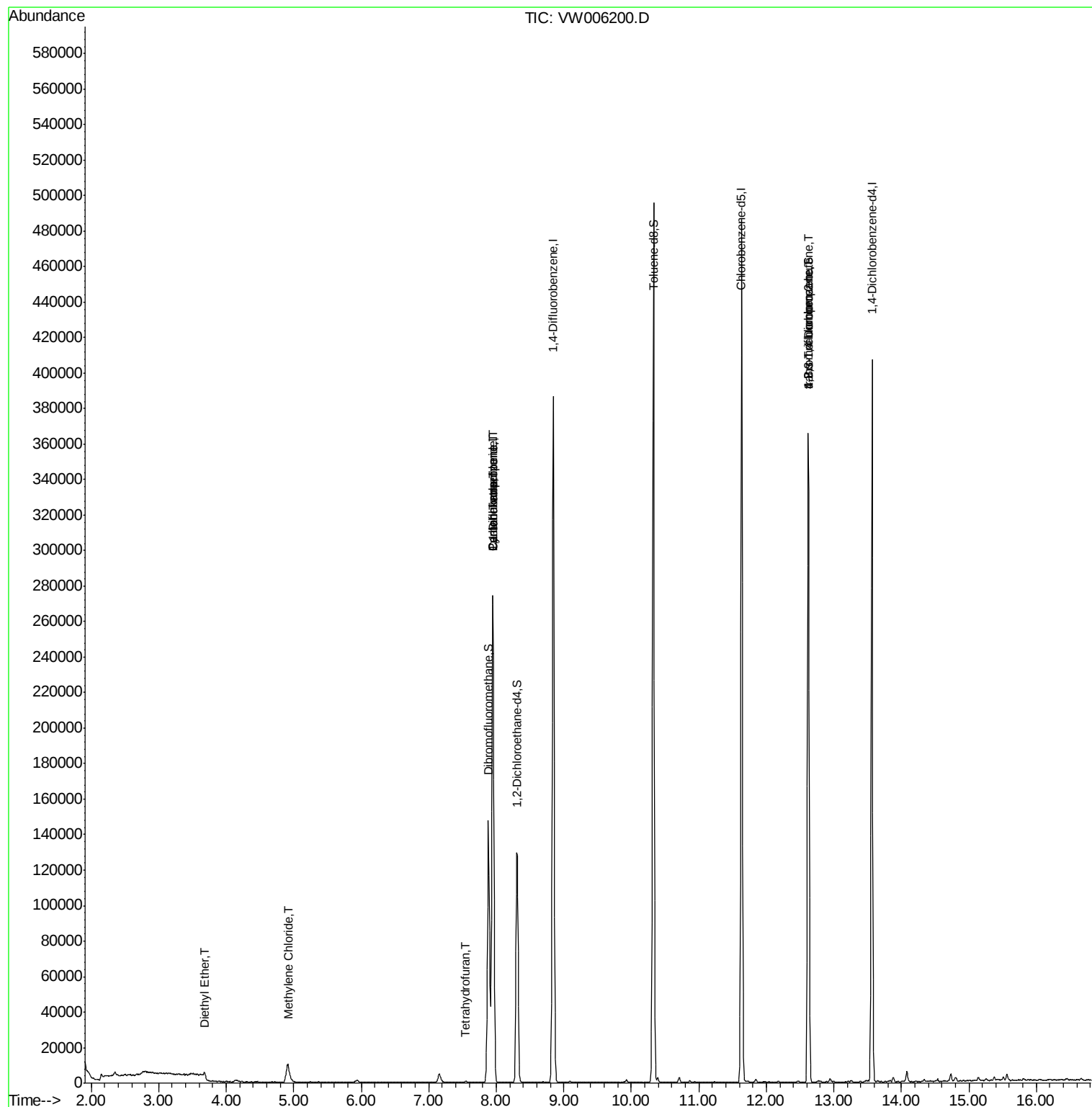
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	342487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103736	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
35) Dibromofluoromethane	7.88	113	101069	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.33	98	348211	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
62) 4-Bromofluorobenzene	12.62	95	112035	38.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.48%	
Target Compounds						
8) Diethyl Ether	3.68	74	2633	2.612	ug/l	86
16) Acetone	4.15	43	2249	Below Cal	#	82
20) Methylene Chloride	4.92	84	8995	3.053	ug/l	89
29) Tetrahydrofuran	7.54	42	384	1.246	ug/l #	60
31) Cyclohexane	7.95	56	4270	1.257	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	14642	4.638	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20591	5.950	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57095	66.584	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57095	159.163	ug/l #	10

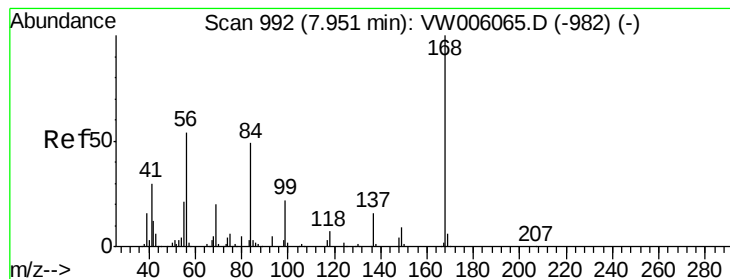
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

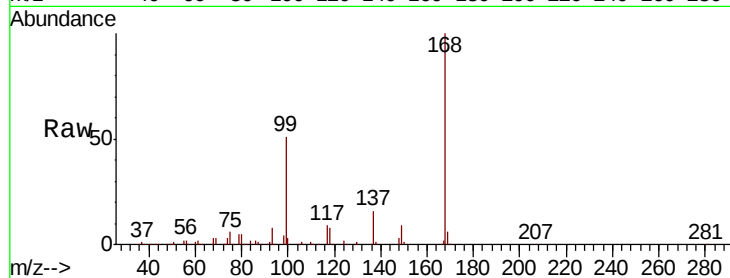
PL-03-101718-B

Tot Ion:168 Resp: 223835

Ion Ratio Lower Upper

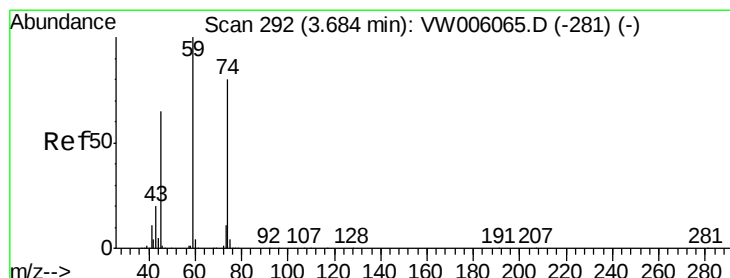
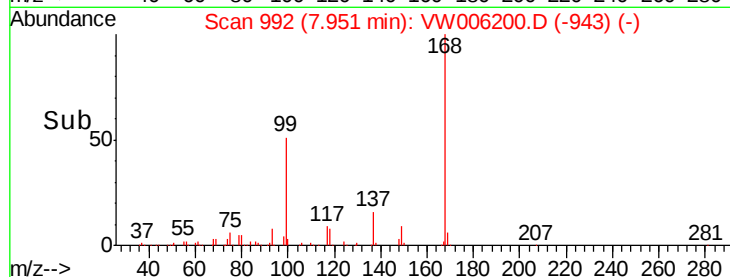
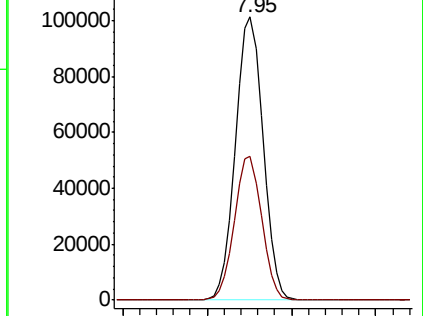
168 100

99 50.8 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: 2.612 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006200.D

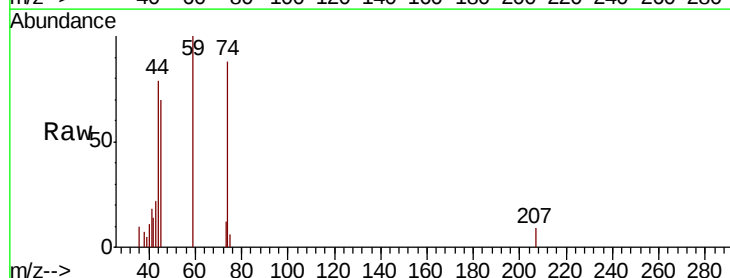
Acq: 19 Oct 2018 03:55

Tgt Ion: 74 Resp: 2633

Ion Ratio Lower Upper

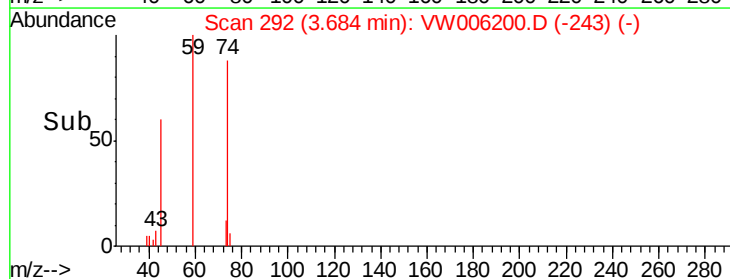
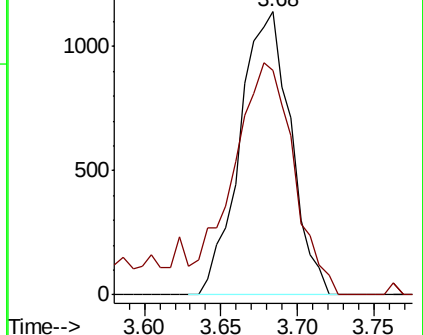
74 100

45 98.4 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: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

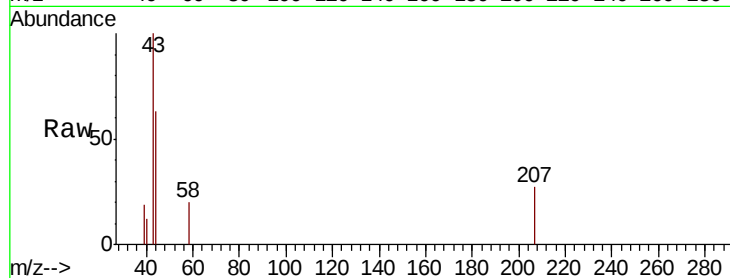
PL-03-101718-B

Tot Ion: 43 Resp: 2249

Ion Ratio Lower Upper

43 100

58 20.4 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

600

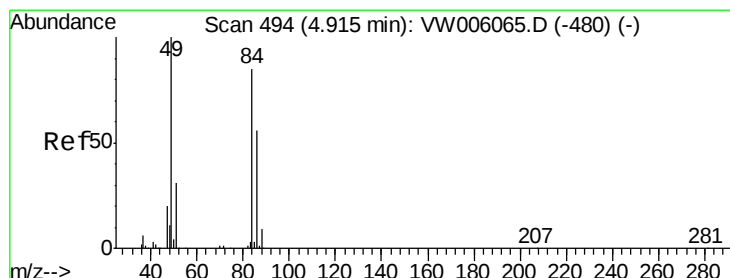
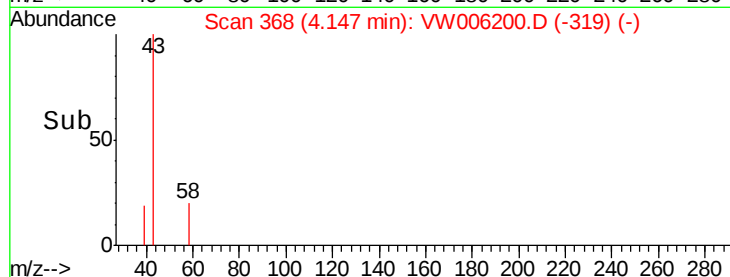
400

200

0

4.10 4.20

Time-->



#20

Methylene Chloride

Concen: 3.053 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Tgt Ion: 84 Resp: 8995

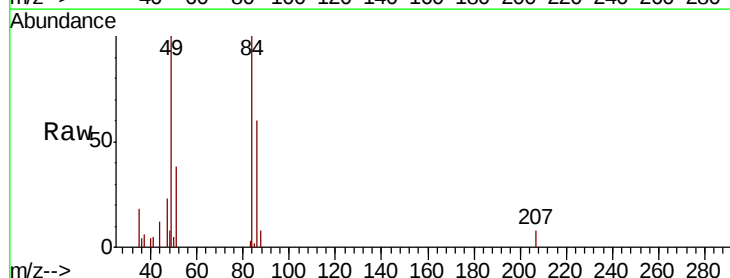
Ion Ratio Lower Upper

84 100

49 100.3 93.6 140.4

51 37.7 29.0 43.4

86 60.6 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

4000

3000

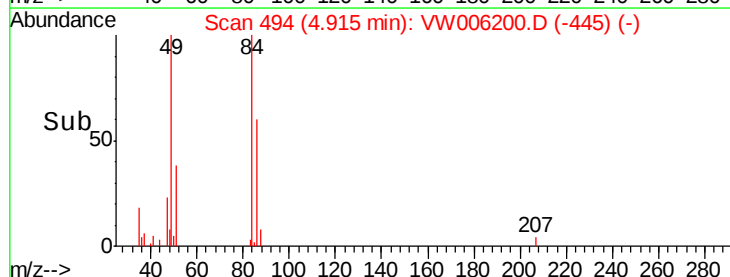
2000

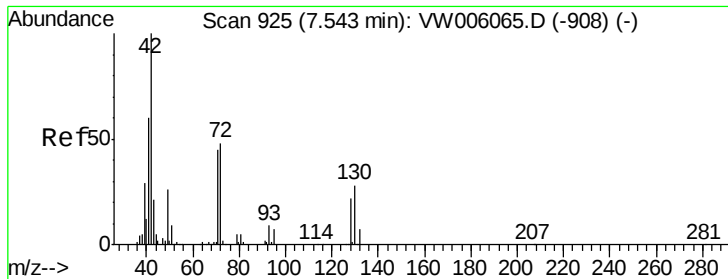
1000

0

4.80 4.90 5.00

Time-->





#29

Tetrahydrofuran

Concen: 1.246 ug/l

RT: 7.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-B

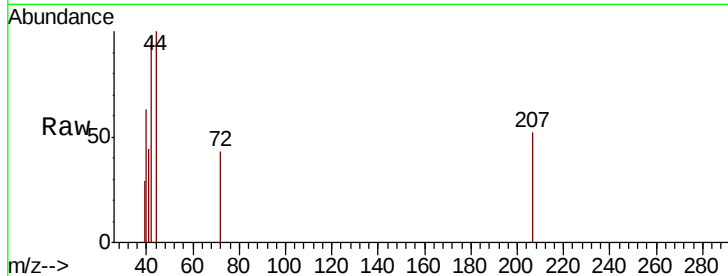
Tot Ion: 42 Resp: 384

Ion Ratio Lower Upper

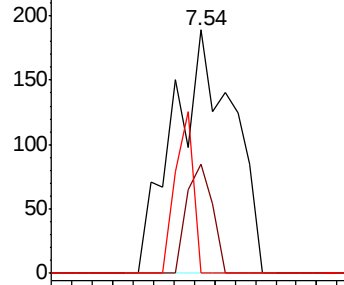
42 100

72 19.5 38.0 57.0#

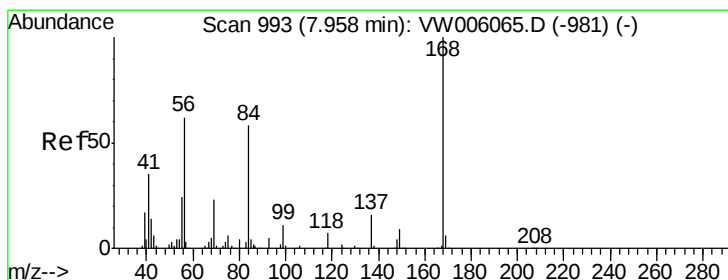
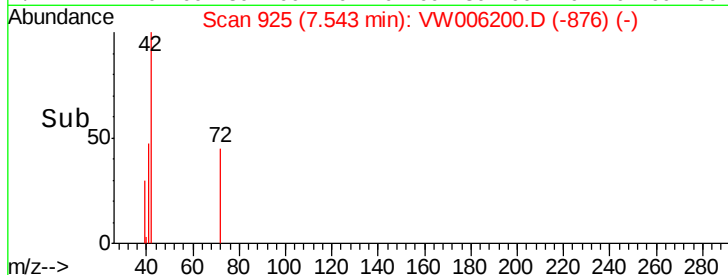
71 19.5 35.3 52.9#



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



Time-->



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

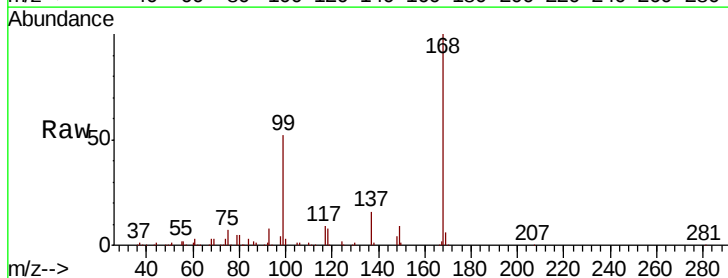
Tgt Ion: 56 Resp: 4270

Ion Ratio Lower Upper

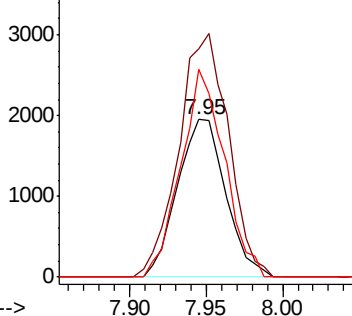
56 100

69 144.9 29.4 44.0#

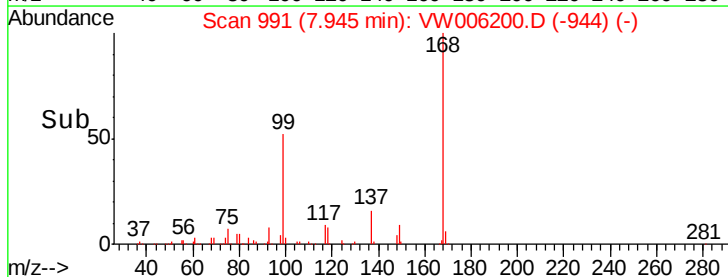
84 131.9 74.0 111.0#

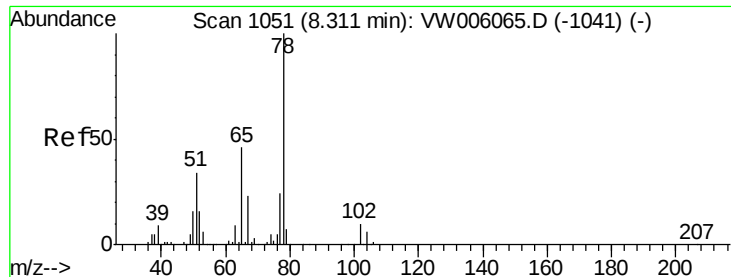


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.901 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

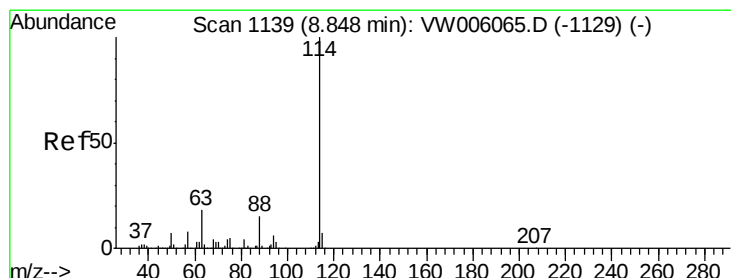
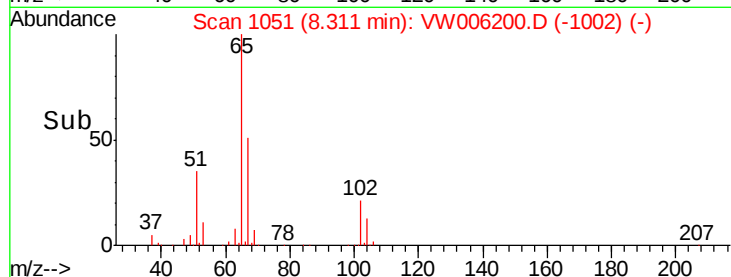
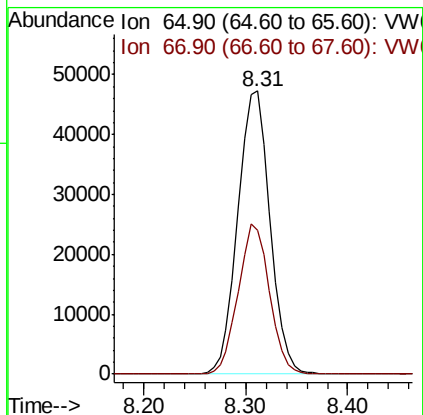
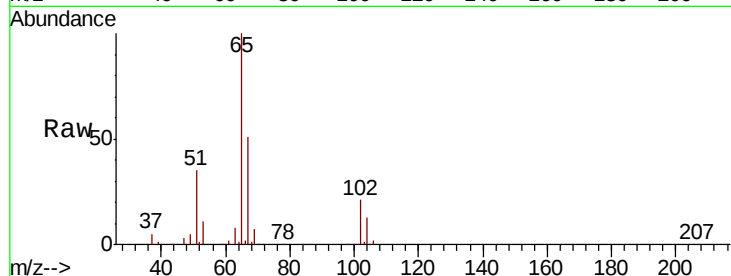
PL-03-101718-B

Tot Ion: 65 Resp: 103736

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: VW006200.D

Acq: 19 Oct 2018 03:55

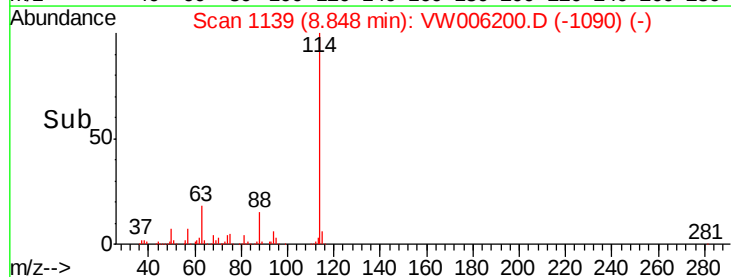
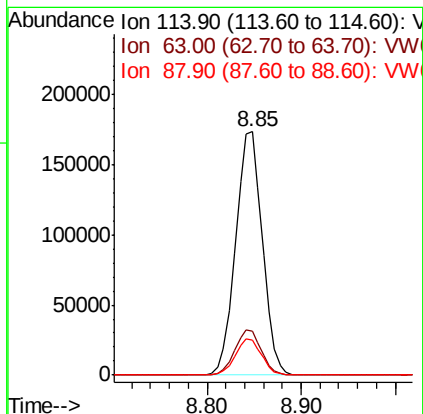
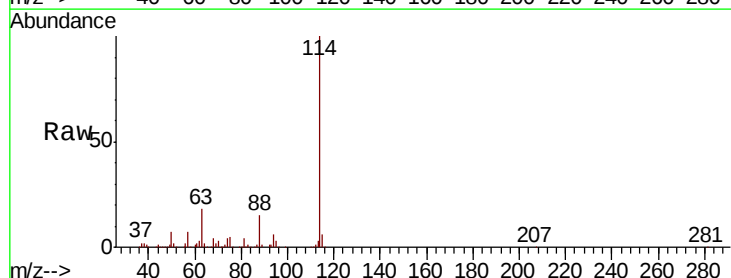
Tgt Ion: 114 Resp: 342487

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.942 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-B

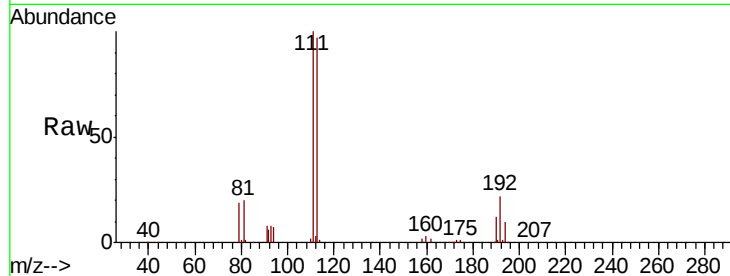
Tot Ion:113 Resp: 101069

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

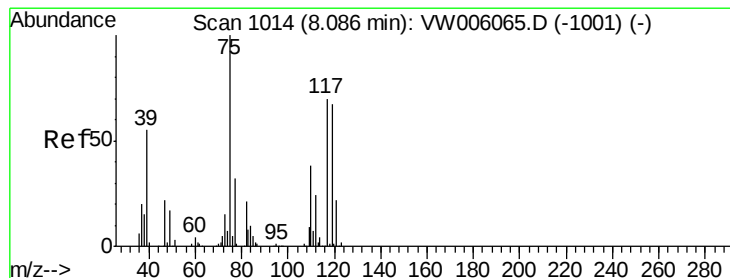
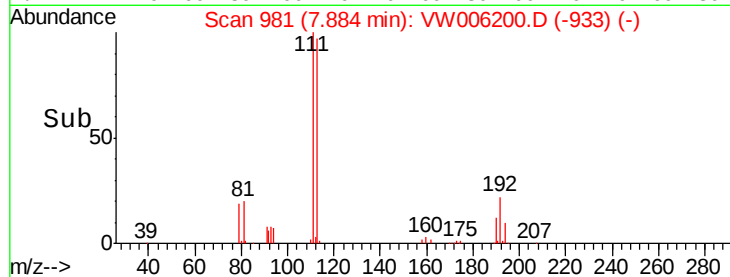
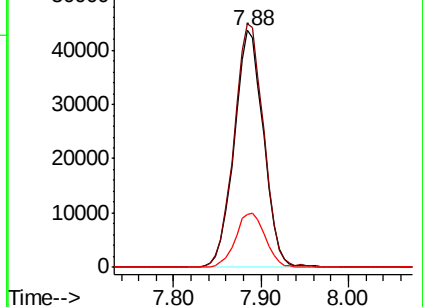
192 23.2 18.7 28.1



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: 4.638 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

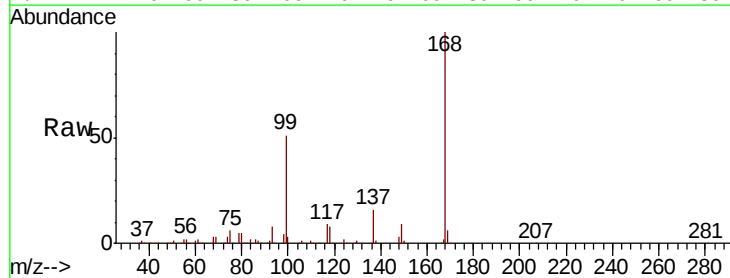
Tgt Ion: 75 Resp: 14642

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.1#

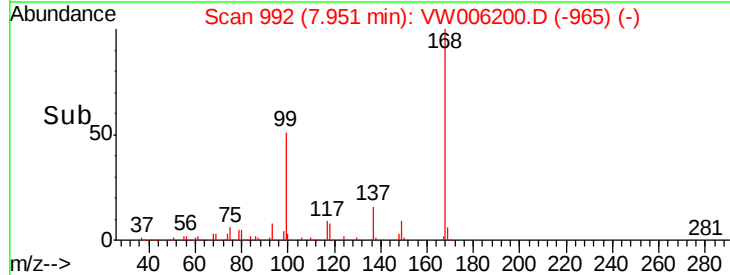
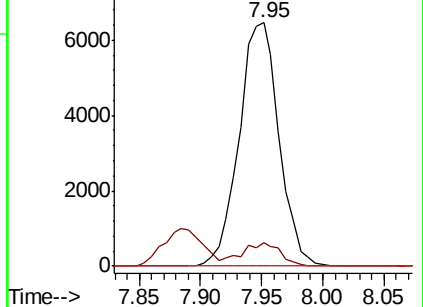
77 0.0 25.0 37.4#

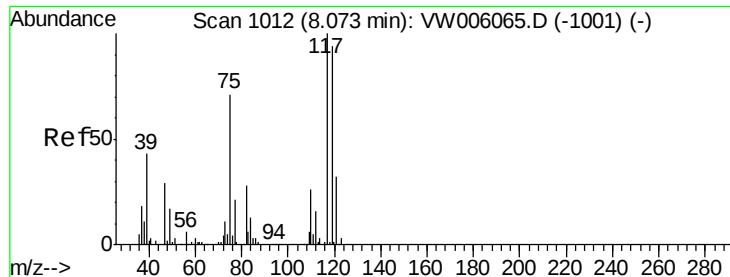


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.950 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

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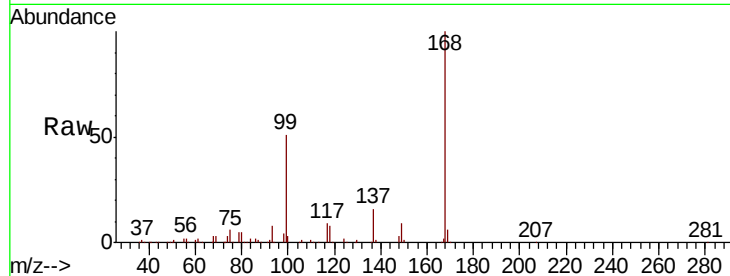
Tot Ion:117 Resp: 20591

Ion Ratio Lower Upper

117 100

119 3.8 75.2 112.8#

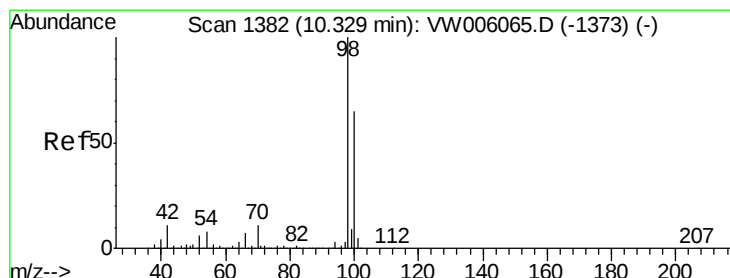
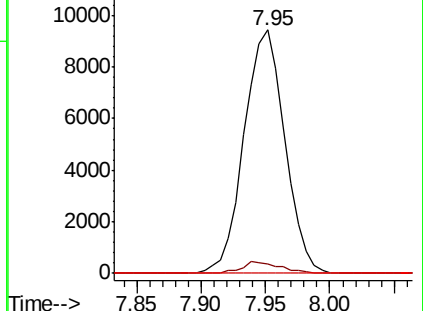
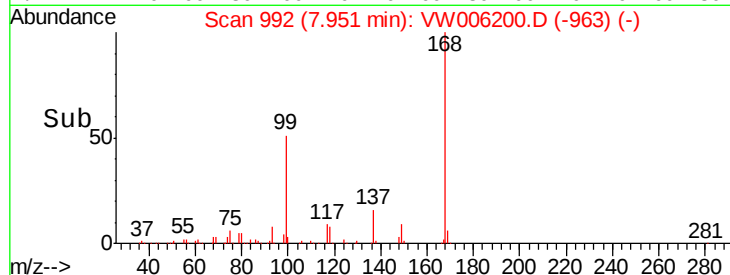
121 0.0 25.3 37.9#



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: 45.226 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006200.D

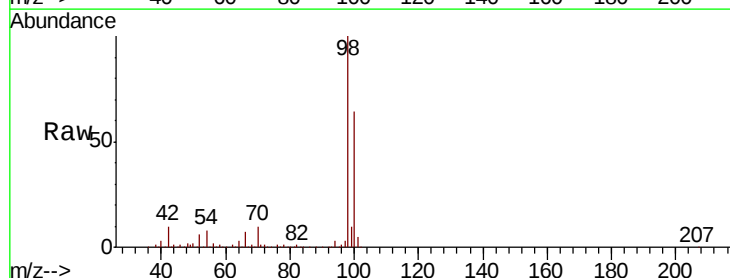
Acq: 19 Oct 2018 03:55

Tgt Ion: 98 Resp: 348211

Ion Ratio Lower Upper

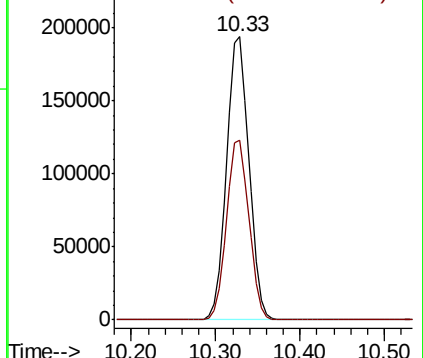
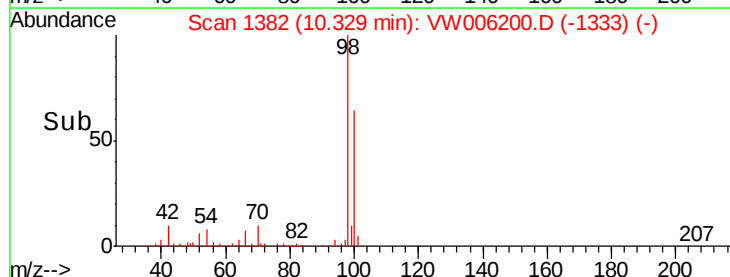
98 100

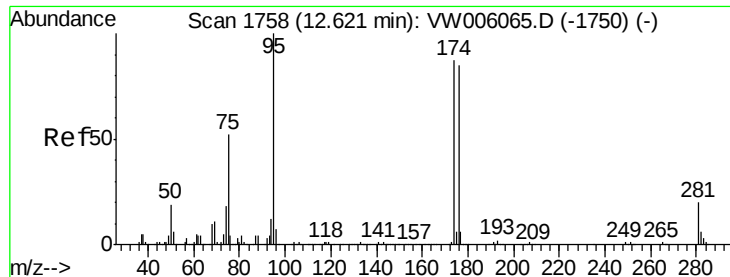
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 38.743 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-B

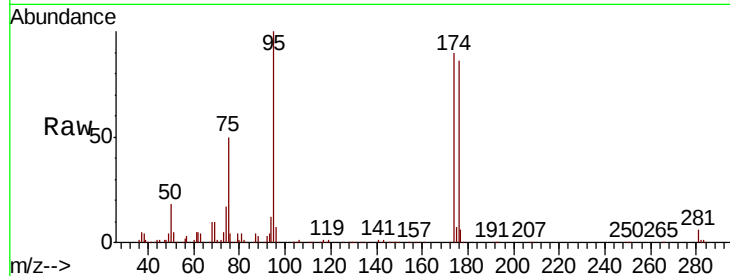
Tot Ion: 95 Resp: 112035

Ion Ratio Lower Upper

95 100

174 94.0 0.0 186.0

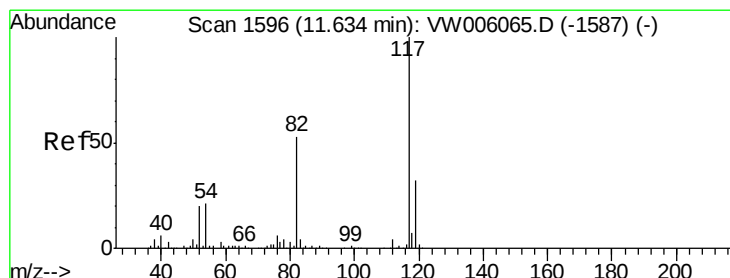
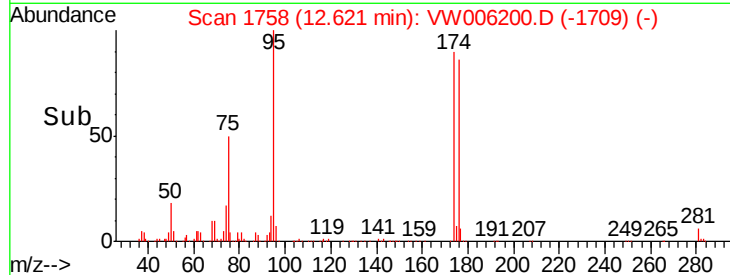
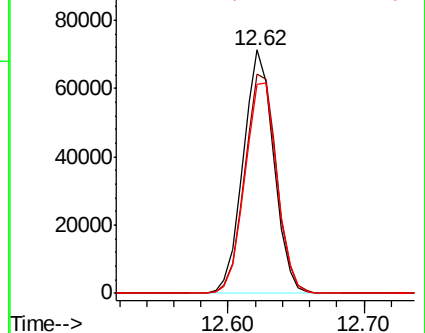
176 91.2 0.0 181.6



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: VW006200.D

Acq: 19 Oct 2018 03:55

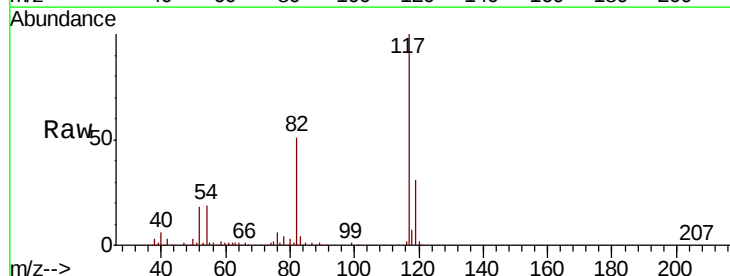
Tgt Ion: 117 Resp: 278271

Ion Ratio Lower Upper

117 100

82 50.8 42.1 63.1

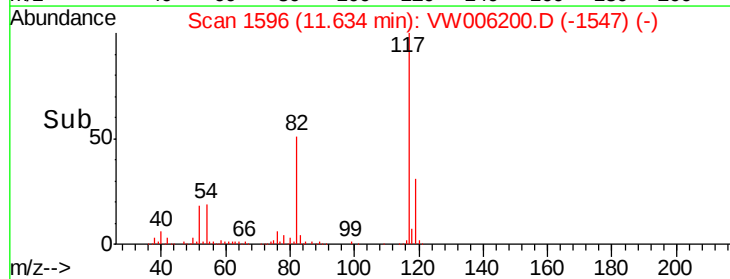
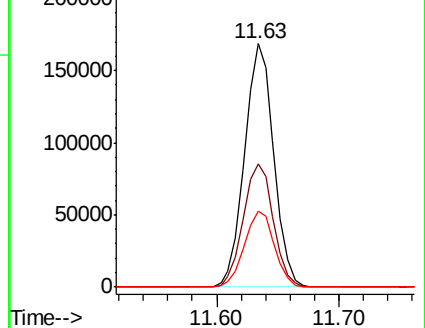
119 31.3 25.8 38.6

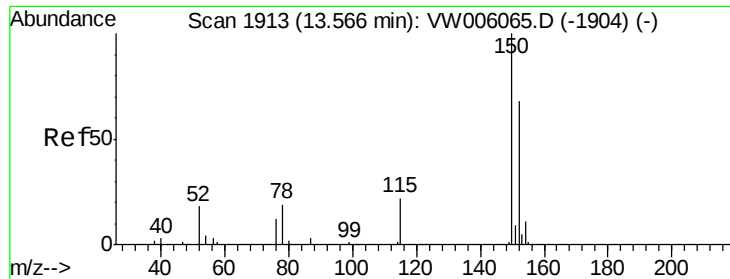


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-B

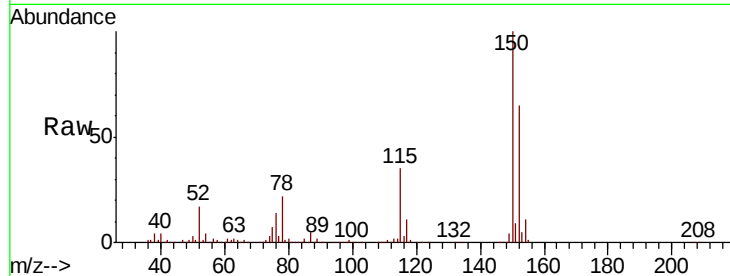
Tot Ion:152 Resp: 112265

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.3

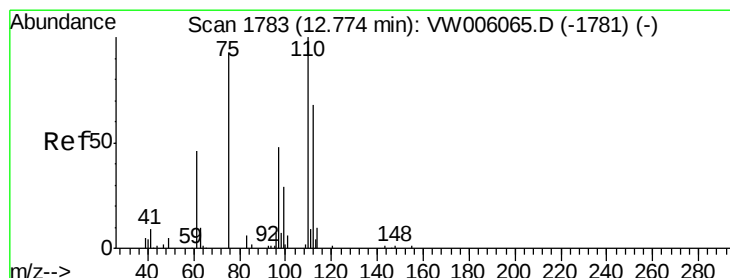
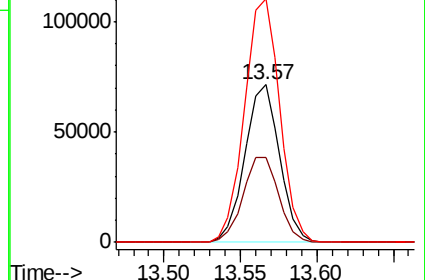
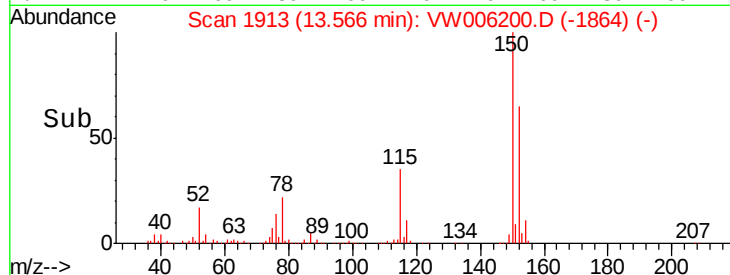
150 157.5 0.0 349.2



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: 66.584 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006200.D

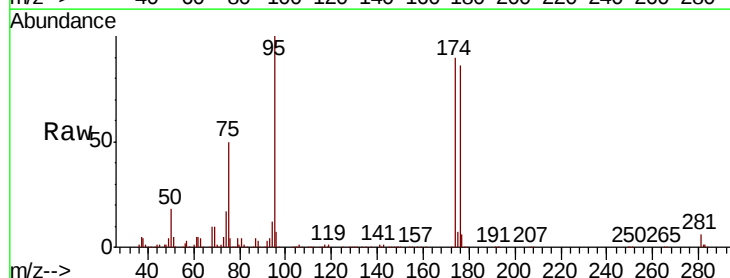
Acq: 19 Oct 2018 03:55

Tgt Ion: 75 Resp: 57095

Ion Ratio Lower Upper

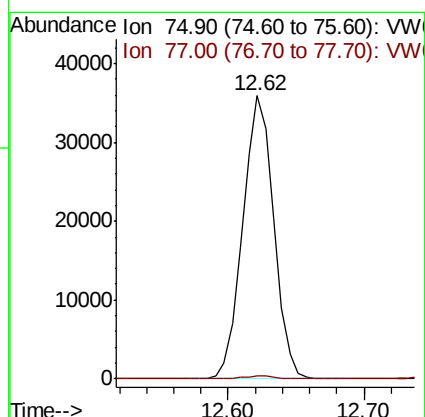
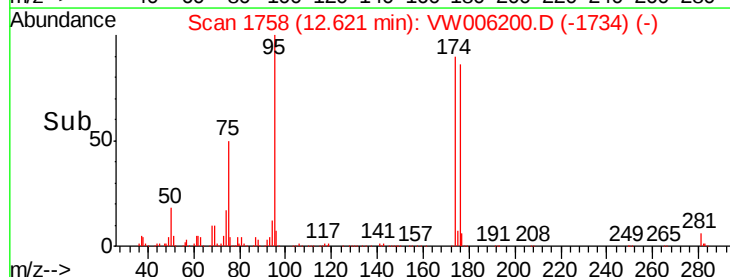
75 100

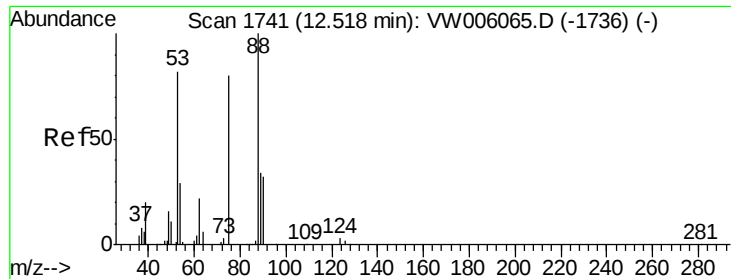
77 1.0 0.0 0.0#



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: 159.163 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006200.D

Acq: 19 Oct 2018 03:55

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-B

Tot Ion: 75 Resp: 57095

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

