

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006201.D
 Acq On : 19 Oct 2018 04:21
 Operator : VA/AP
 Sample : J5202-05
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Oct 19 06:09:19 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	225734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122432	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	103868	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
35) Dibromofluoromethane	7.88	113	99555	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	10.33	98	334774	42.78	ug/l	0.00
Spiked Amount			Recovery	=	85.56%	
62) 4-Bromofluorobenzene	12.62	95	110617	37.64	ug/l	0.00
Spiked Amount			Recovery	=	75.28%	

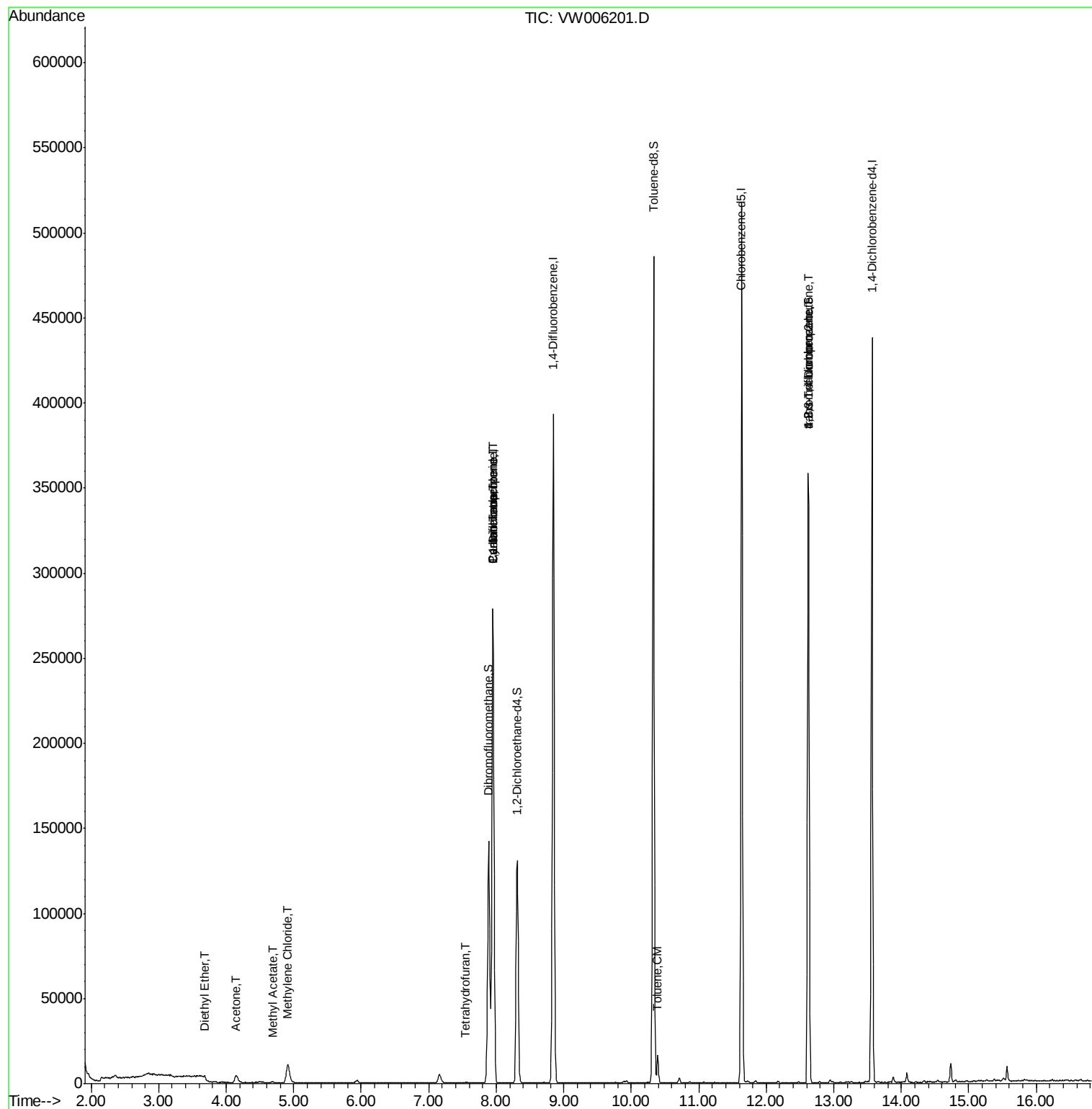
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	1863	1.832	ug/l	98
16) Acetone	4.15	43	8858	11.082	ug/l	96
18) Methyl Acetate	4.68	43	1012	1.075	ug/l #	84
20) Methylene Chloride	4.91	84	9604	3.331	ug/l	86
29) Tetrahydrofuran	7.54	42	350	1.126	ug/l #	51
31) Cyclohexane	7.95	56	4176	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14860	4.632	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20297	5.771	ug/l #	17
52) Toluene	10.39	92	6746	1.143	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	56460	60.376	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56460	144.323	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: VW006201.D

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Instrument :

MSVOA_W

ClientSampleId :

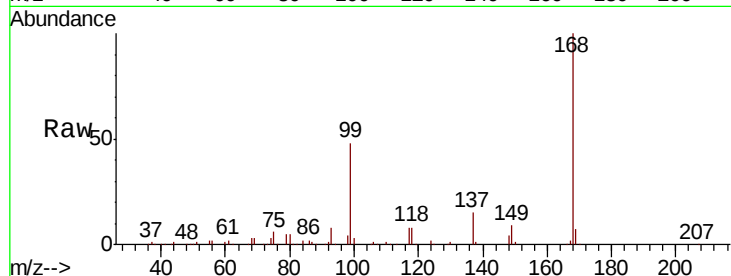
PL-03-101718-C

Tot Ion:168 Resp: 225734

Ion Ratio Lower Upper

168 100

99 48.3 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

120000

100000

80000

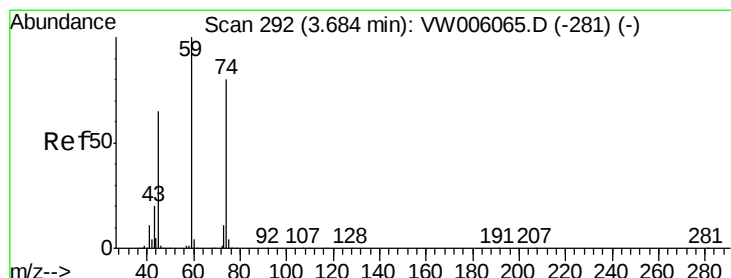
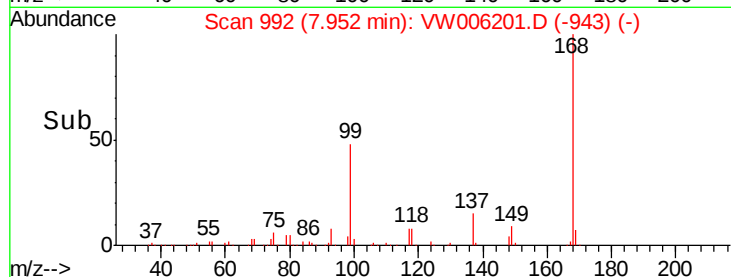
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.832 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006201.D

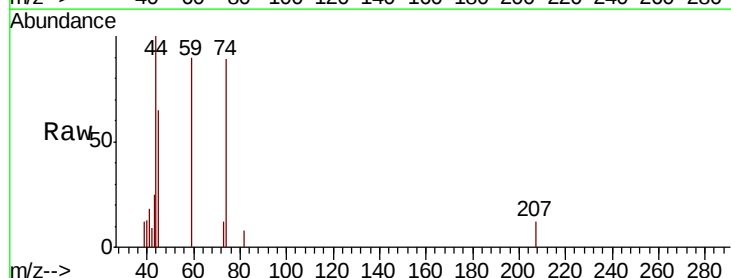
Acq: 19 Oct 2018 04:21

Tgt Ion: 74 Resp: 1863

Ion Ratio Lower Upper

74 100

45 87.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

800

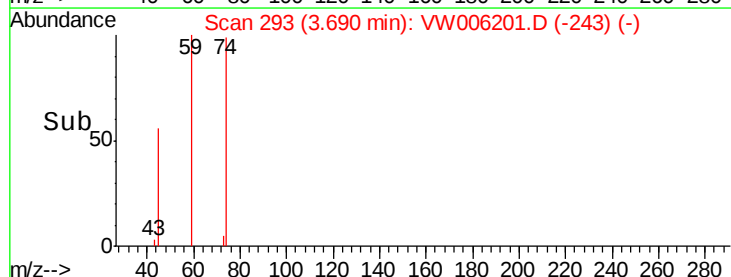
600

400

200

0

Time-->





#16

Acetone

Concen: 11.082 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

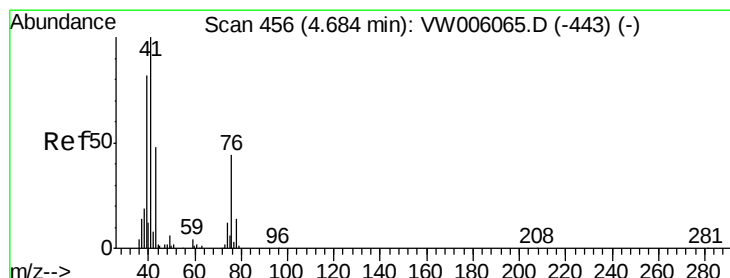
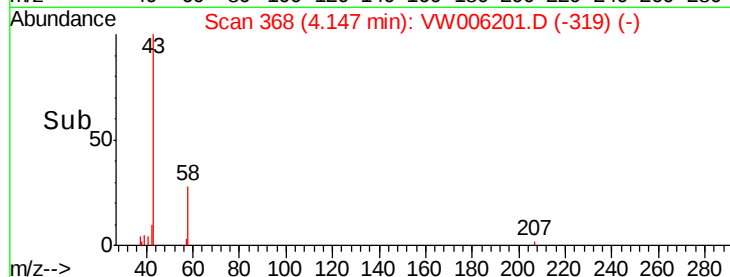
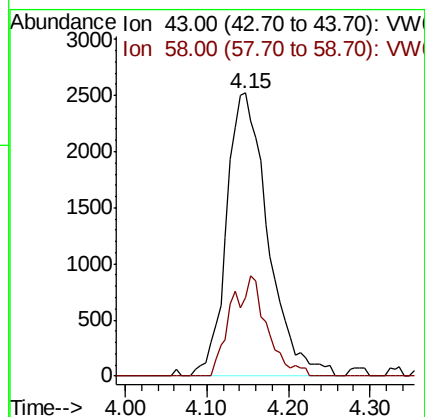
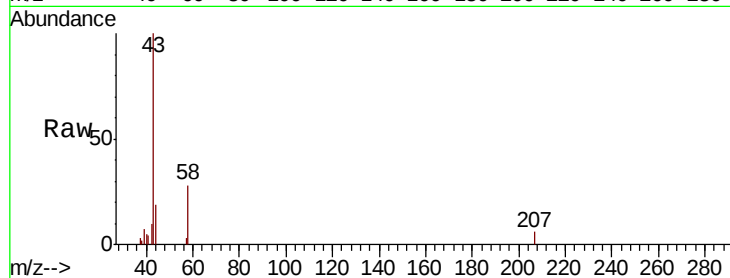
PL-03-101718-C

Tot Ion: 43 Resp: 8858

Ion Ratio Lower Upper

43 100

58 27.7 24.0 36.0



#18

Methyl Acetate

Concen: 1.075 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006201.D

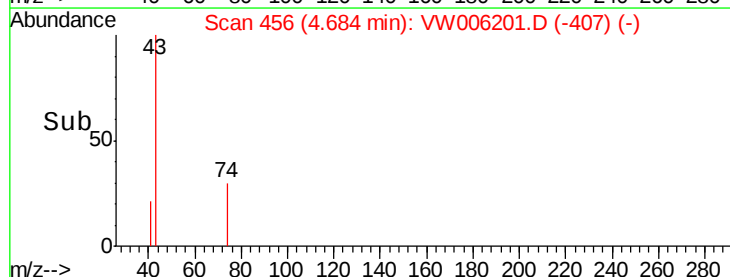
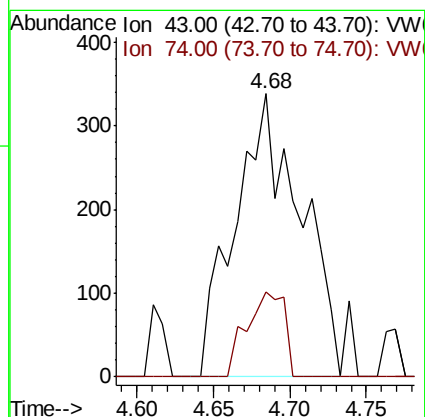
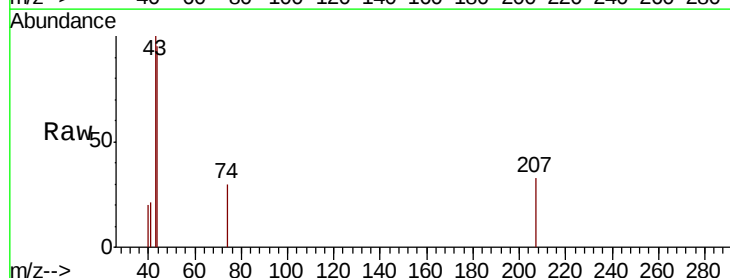
Acq: 19 Oct 2018 04:21

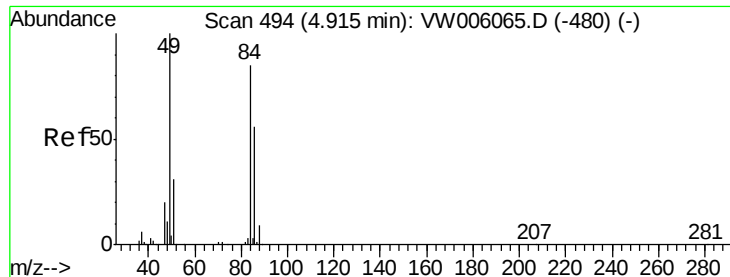
Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

74 17.3 20.5 30.7#

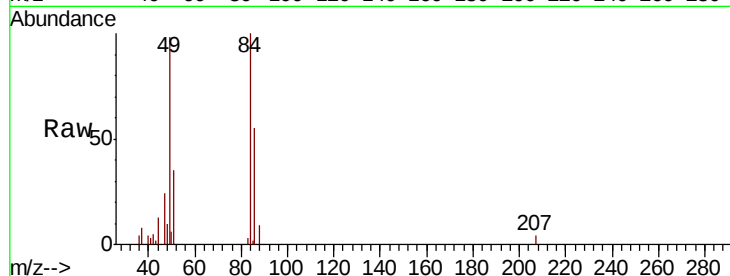




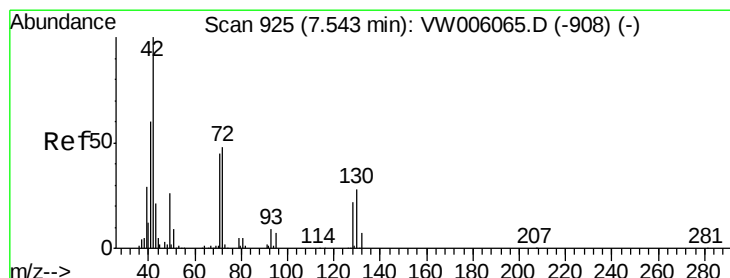
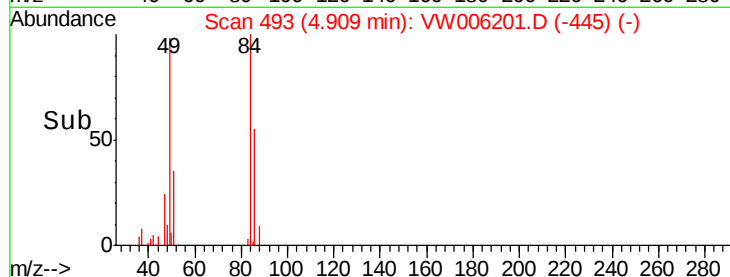
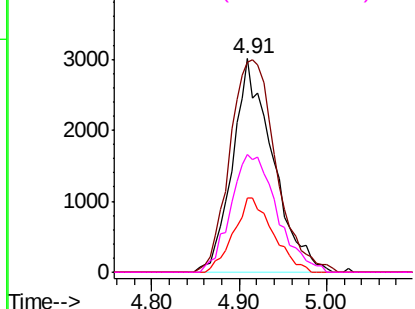
#20
Methylene Chloride
Concen: 3.331 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006201.D
Acq: 19 Oct 2018 04:21

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

Tot Ion:	84	Resp:	9604
Ion	Ratio	Lower	Upper
84	100		
49	98.3	93.6	140.4
51	34.7	29.0	43.4
86	55.2	52.6	79.0

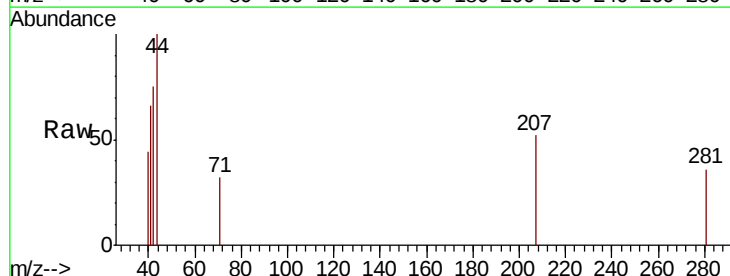


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

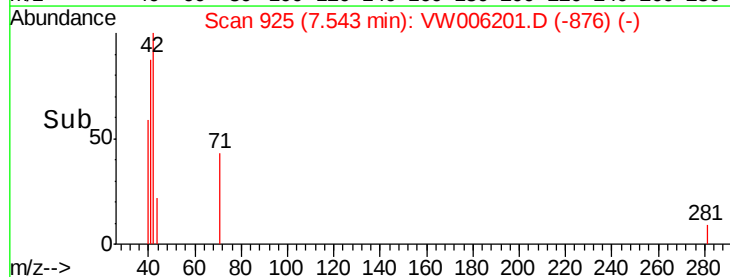
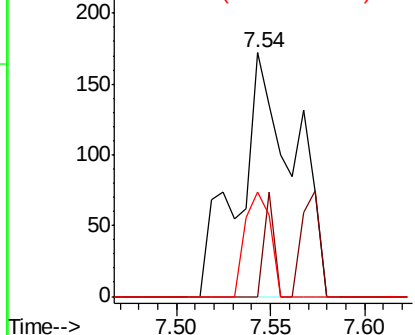


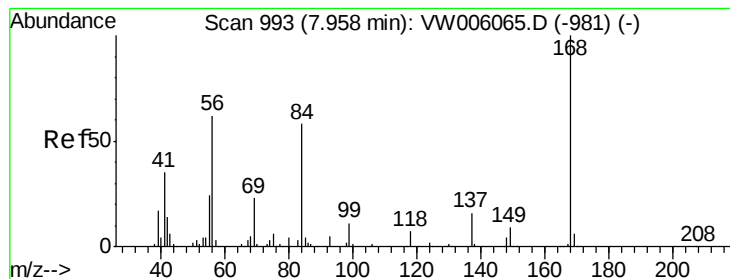
#29
Tetrahydrofuran
Concen: 1.126 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006201.D
Acq: 19 Oct 2018 04:21

Tgt Ion:	42	Resp:	350
Ion	Ratio	Lower	Upper
42	100		
72	7.7	38.0	57.0#
71	19.4	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: 1.219 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-C

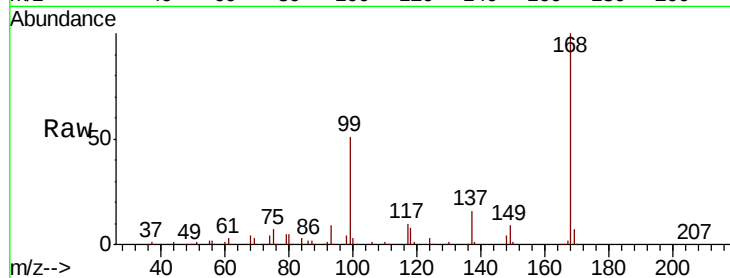
Tot Ion: 56 Resp: 4176

Ion Ratio Lower Upper

56 100

69 160.5 29.4 44.0#

84 146.4 74.0 111.0#

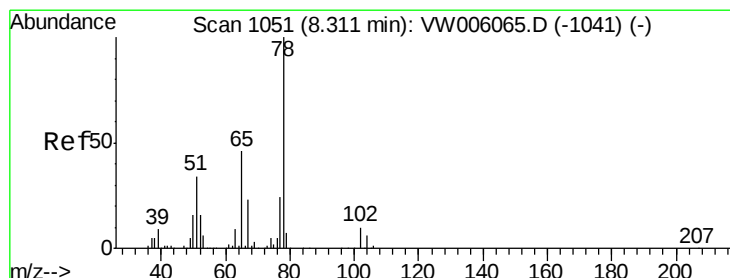
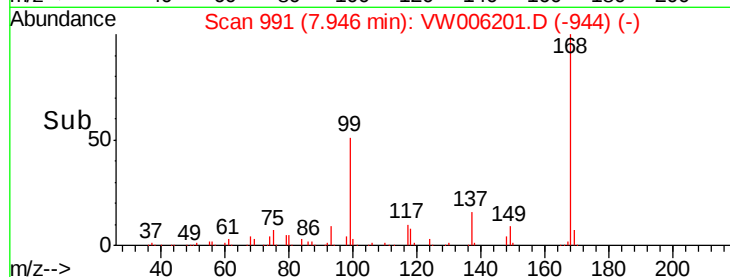
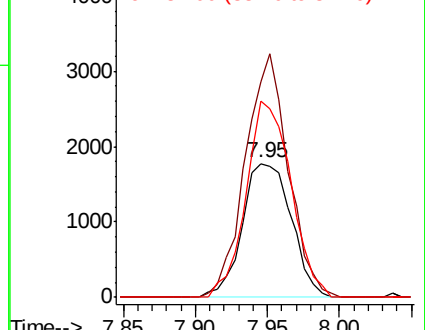


Abundance

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: 55.501 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006201.D

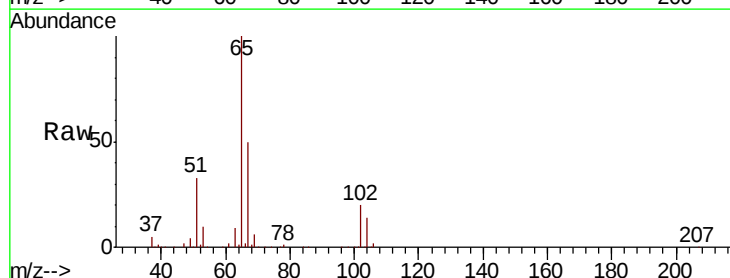
Acq: 19 Oct 2018 04:21

Tgt Ion: 65 Resp: 103868

Ion Ratio Lower Upper

65 100

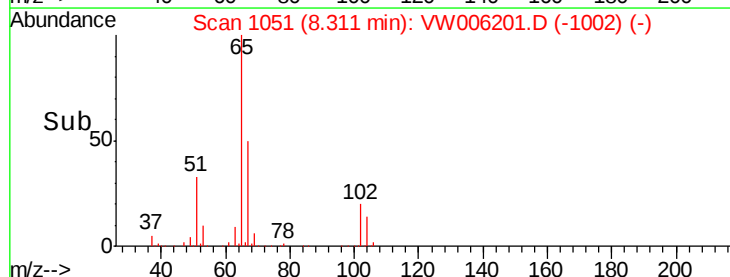
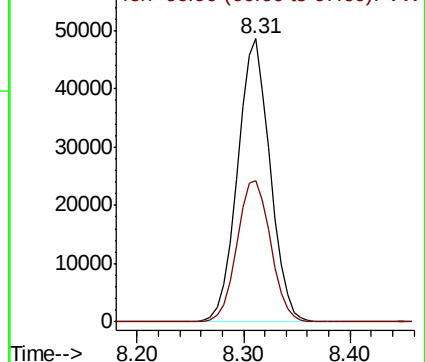
67 51.9 0.0 101.0

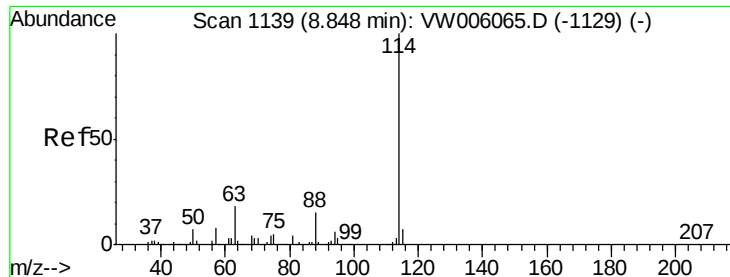


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

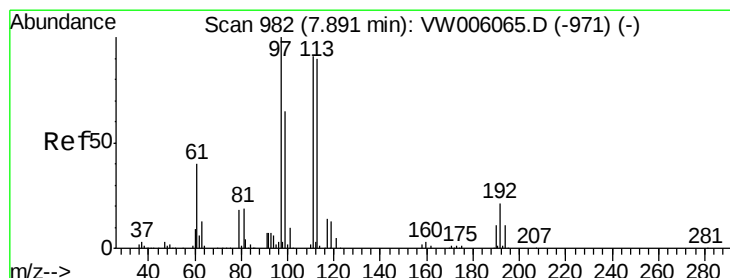
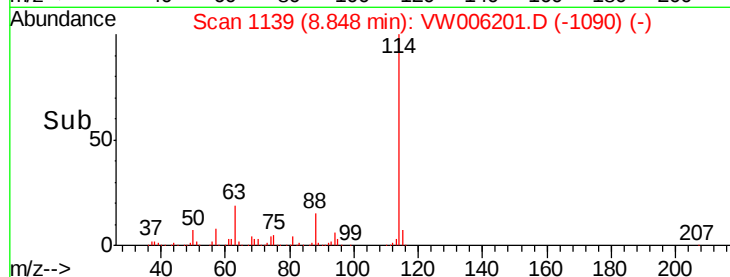
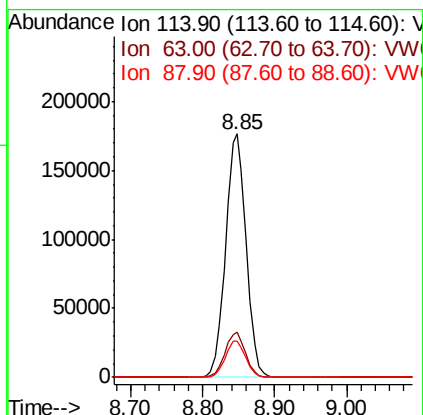
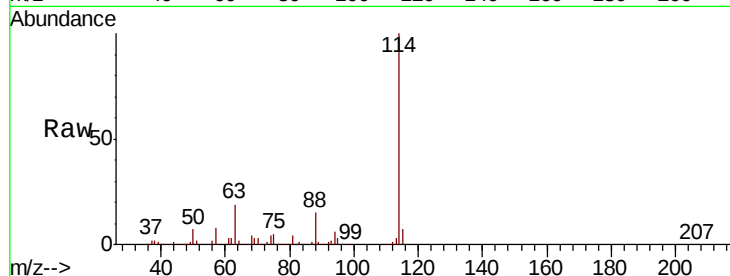




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006201.D
 Acq: 19 Oct 2018 04:21

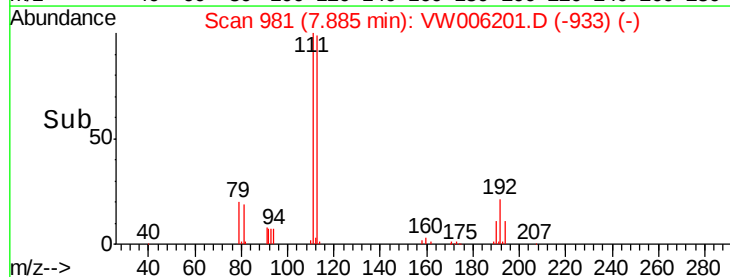
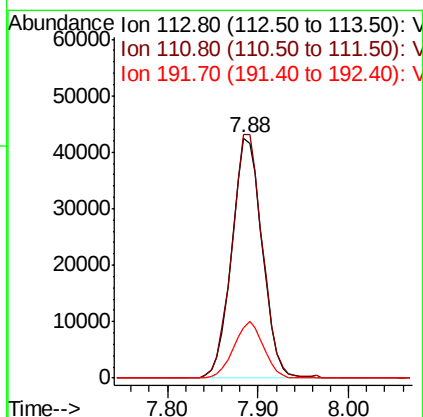
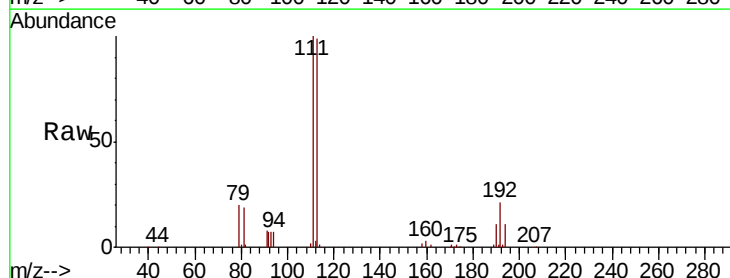
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 PL-03-101718-C

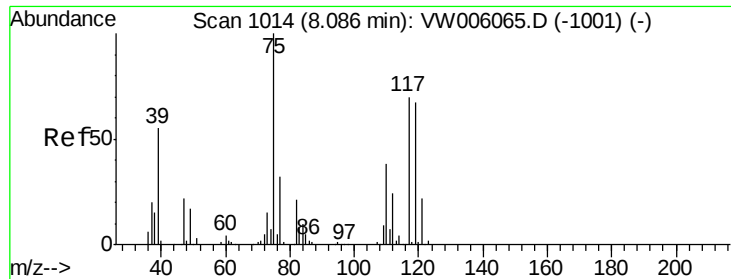
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.8
88	14.9	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 48.405 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006201.D
 Acq: 19 Oct 2018 04:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	22.9	18.7	28.1

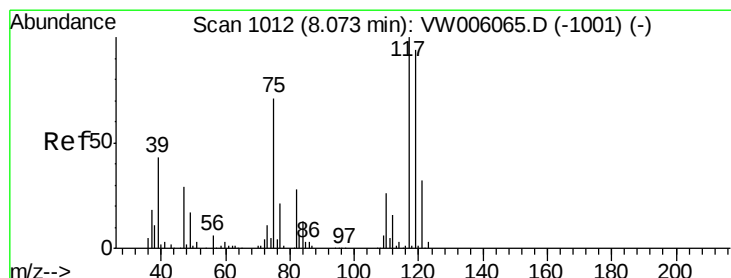
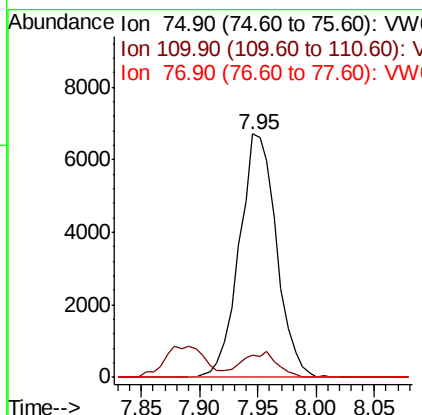
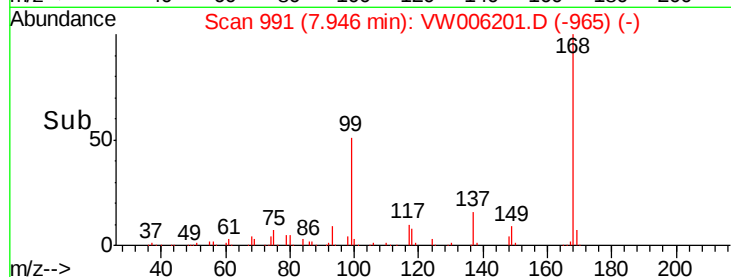
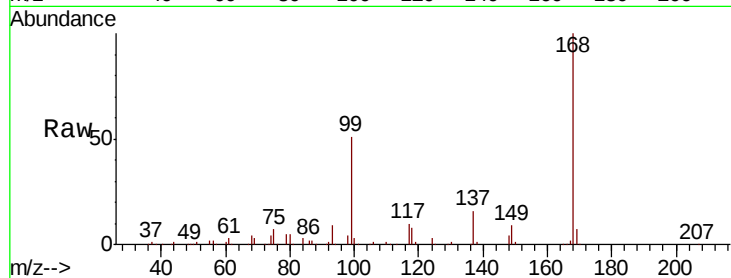




#36
 1,1-Dichloropropene
 Concen: 4.632 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006201.D
 Acq: 19 Oct 2018 04:21

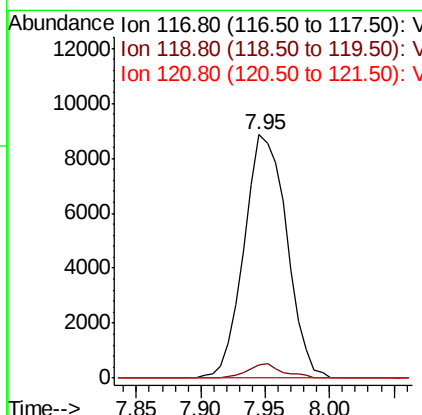
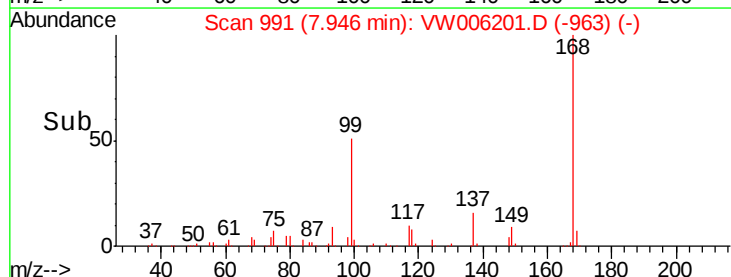
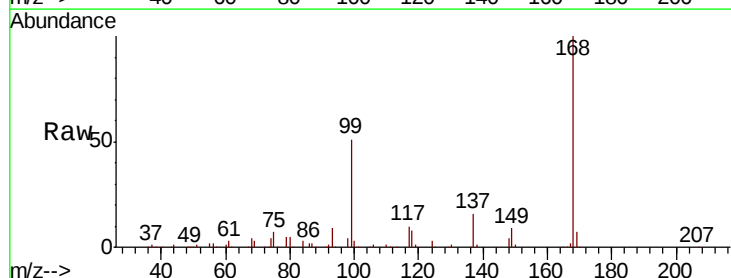
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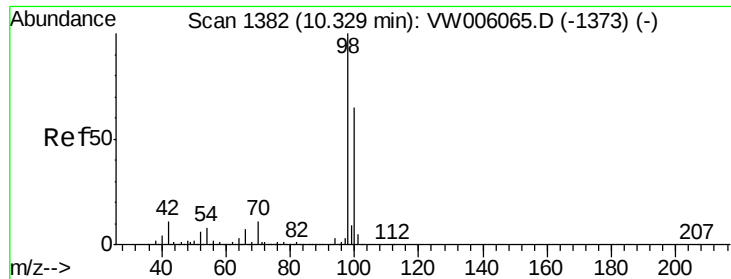
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.771 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006201.D
 Acq: 19 Oct 2018 04:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 42.784 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

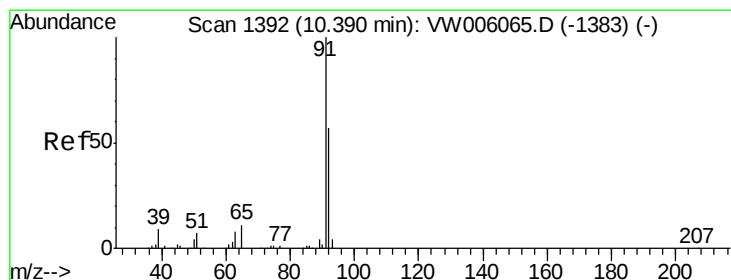
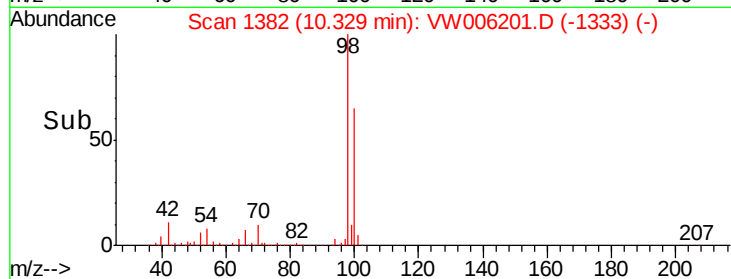
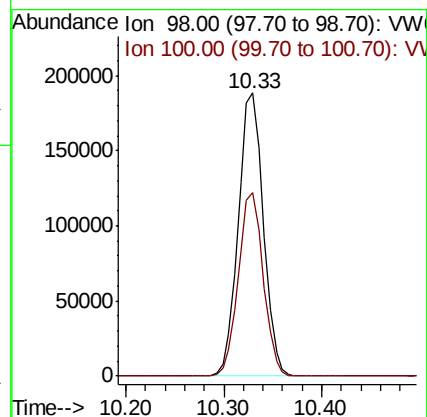
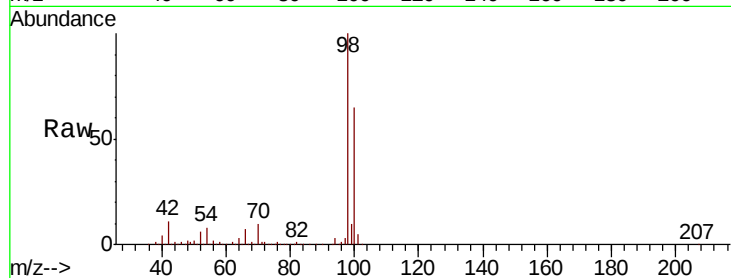
PL-03-101718-C

Tot Ion: 98 Resp: 334774

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#52

Toluene

Concen: 1.143 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006201.D

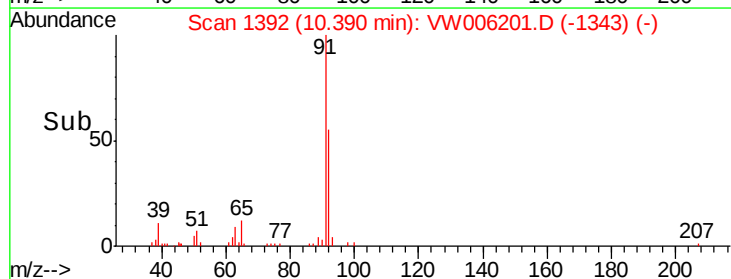
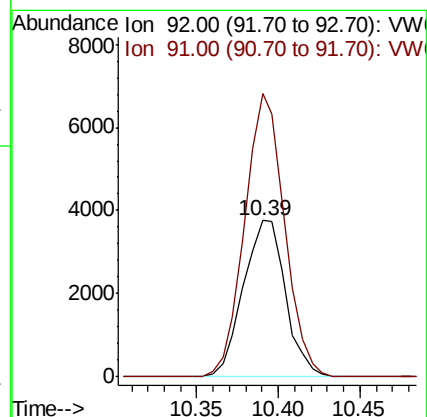
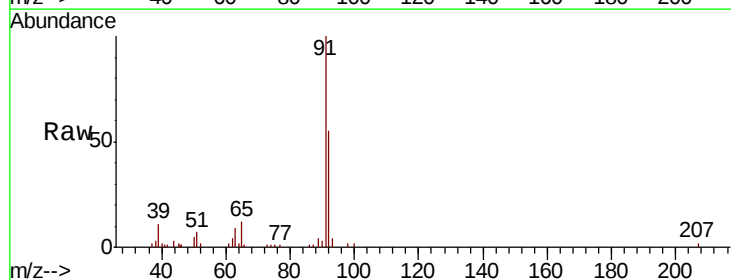
Acq: 19 Oct 2018 04:21

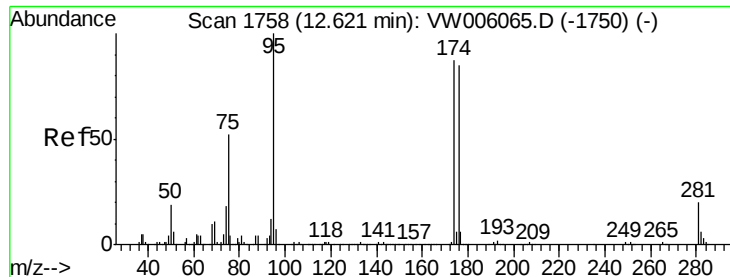
Tgt Ion: 92 Resp: 6746

Ion Ratio Lower Upper

92 100

91 171.2 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 37.639 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

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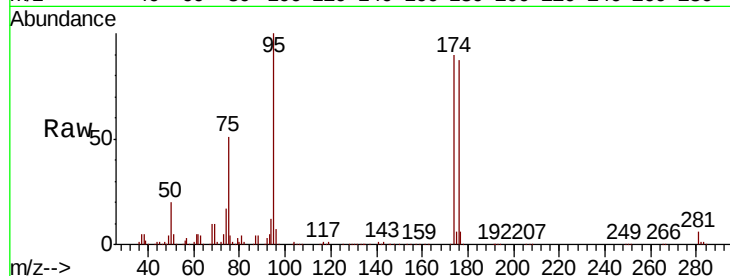
Tot Ion: 95 Resp: 110617

Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.0

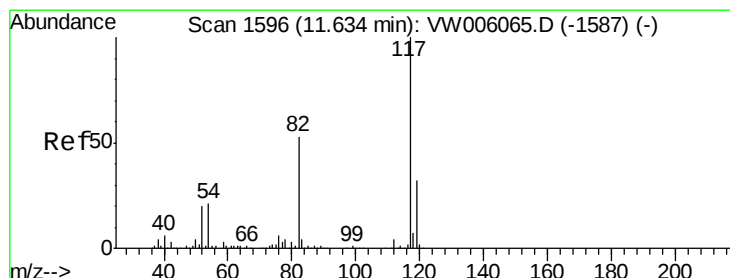
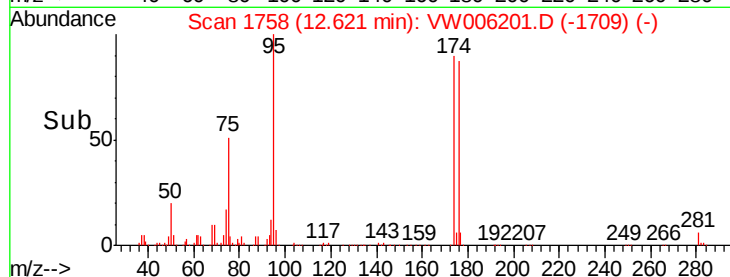
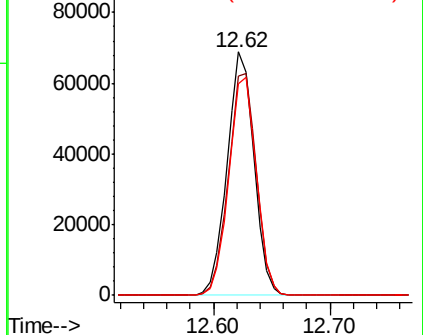
176 92.0 0.0 181.6



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: VW006201.D

Acq: 19 Oct 2018 04:21

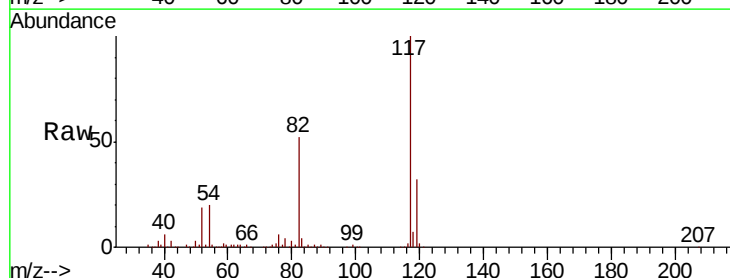
Tgt Ion: 117 Resp: 291711

Ion Ratio Lower Upper

117 100

82 51.9 42.1 63.1

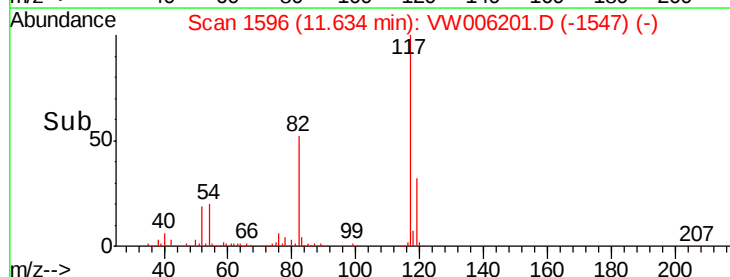
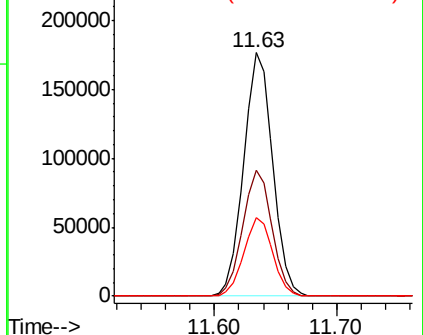
119 32.0 25.8 38.6

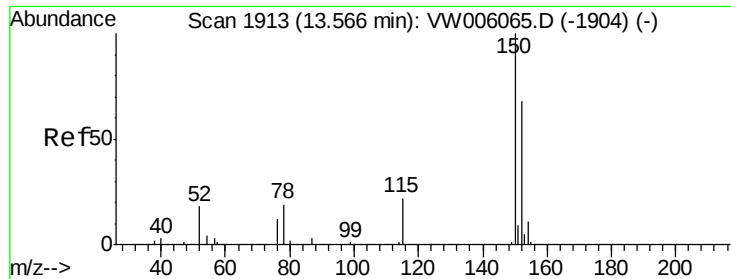


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



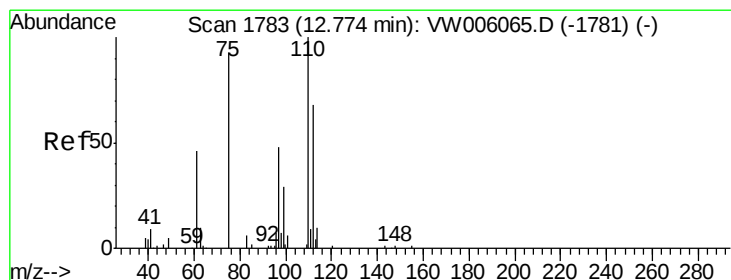
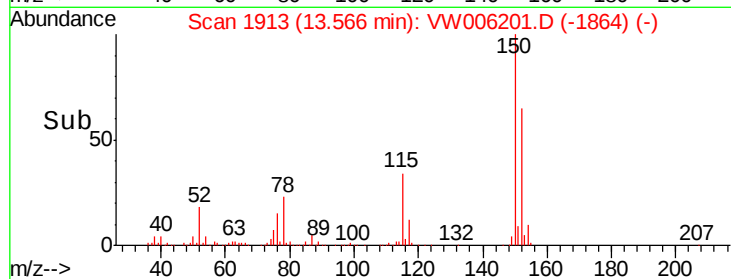
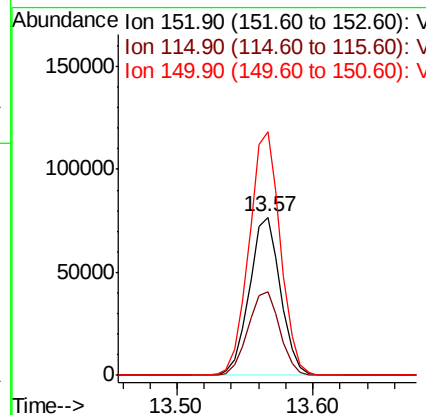
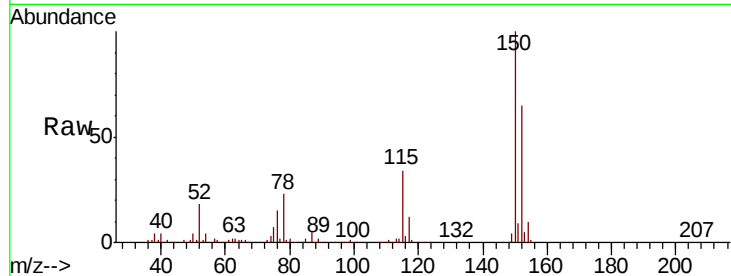


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006201.D
Acq: 19 Oct 2018 04:21

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

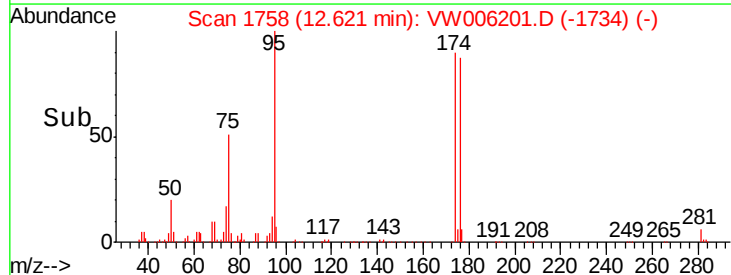
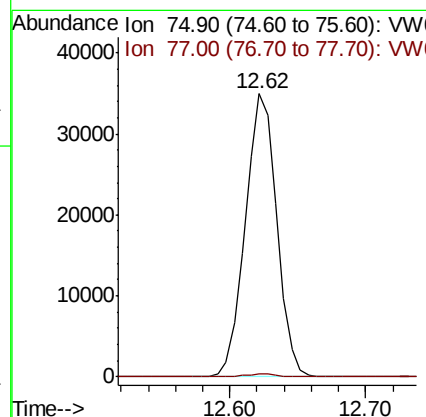
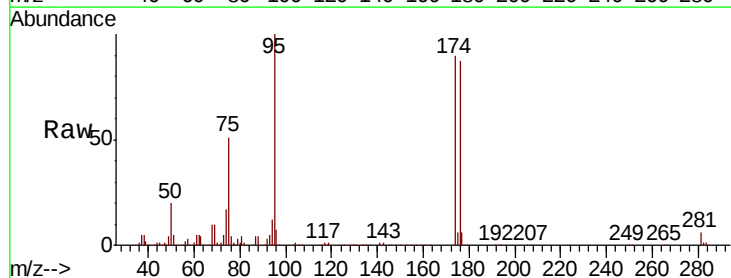
Tot Ion:152 Resp: 122432
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.3
150 155.5 0.0 349.2

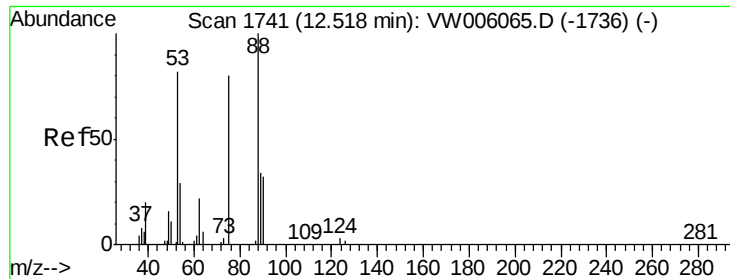


#76

1,2,3-Trichloropropane
Concen: 60.376 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006201.D
Acq: 19 Oct 2018 04:21

Tgt Ion: 75 Resp: 56460
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 144.323 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006201.D

Acq: 19 Oct 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-C

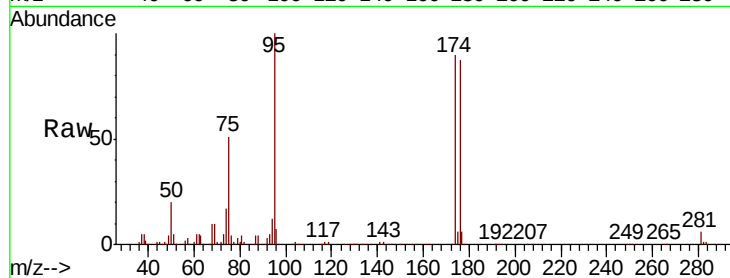
Tot Ion: 75 Resp: 56460

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

