

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006213.D
 Acq On : 19 Oct 2018 09:31
 Operator : VA/AP
 Sample : J5202-03RE
 Misc : 6.24G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Oct 19 10:54:03 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	202373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	227929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100494	59.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.80%	
35) Dibromofluoromethane	7.89	113	97699	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
50) Toluene-d8	10.33	98	299532	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
62) 4-Bromofluorobenzene	12.62	95	90756	35.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.16%	

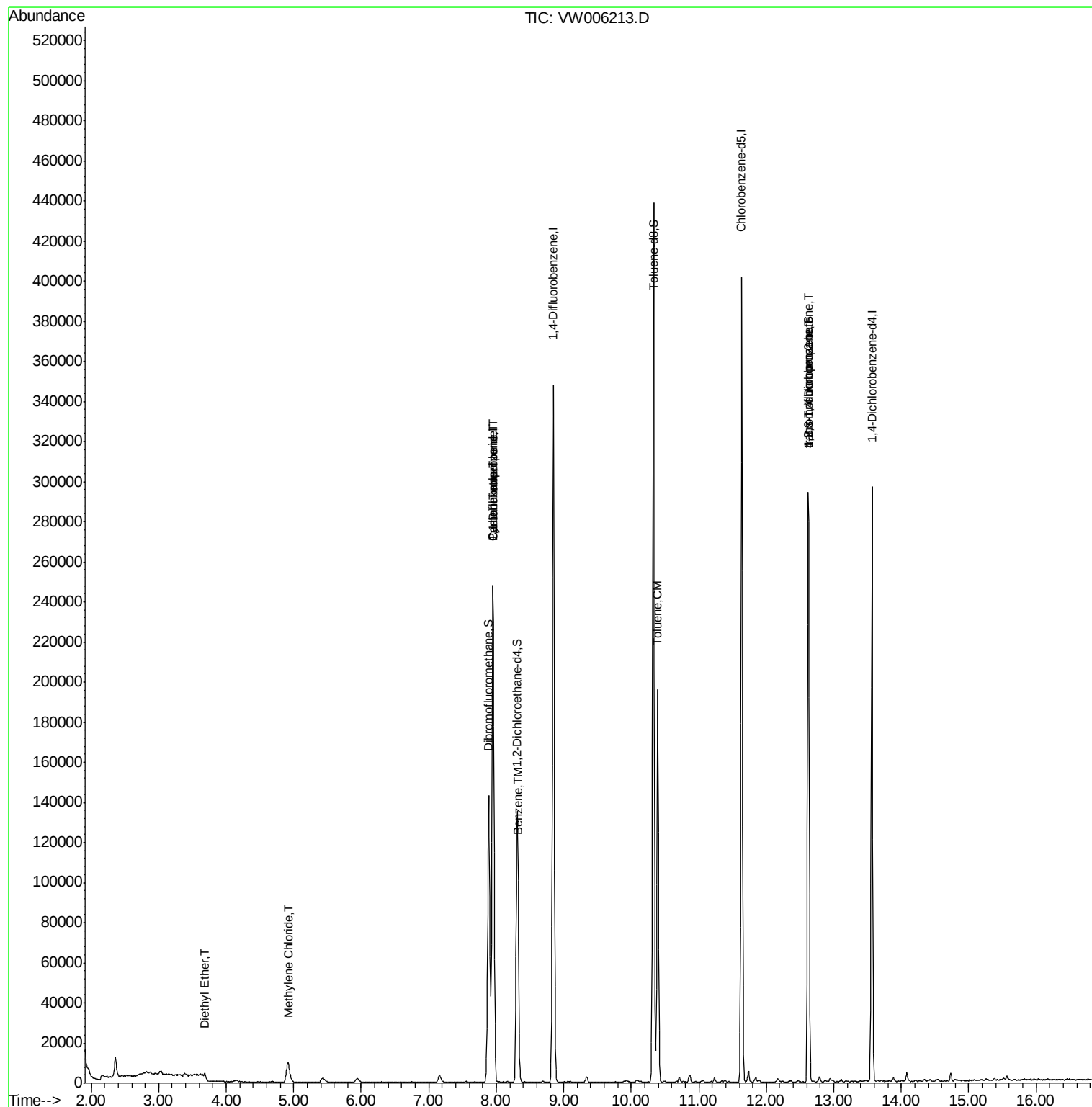
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	1788	1.96	ug/l	71
16) Acetone	4.15	43	2138	Below Cal		97
20) Methylene Chloride	4.91	84	8666	3.36	ug/l	92
31) Cyclohexane	7.95	56	3929	1.28	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	13071	4.63	ug/l #	47
38) Carbon Tetrachloride	7.95	117	18039	5.83	ug/l #	16
40) Benzene	8.33	78	19852	2.56	ug/l	97
52) Toluene	10.39	92	82899	15.96	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	46621	72.76	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	46621	173.94	ug/l #	10

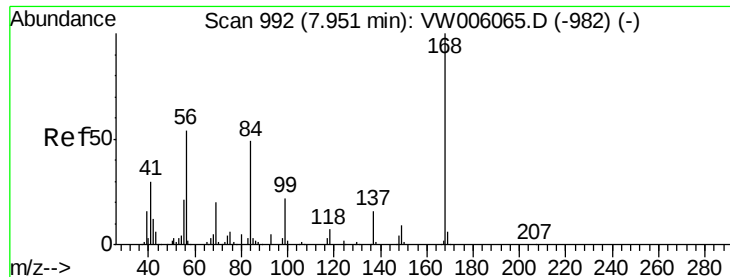
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PL-03-101718-BRE

Quant Time: Oct 19 10:54:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampleId :

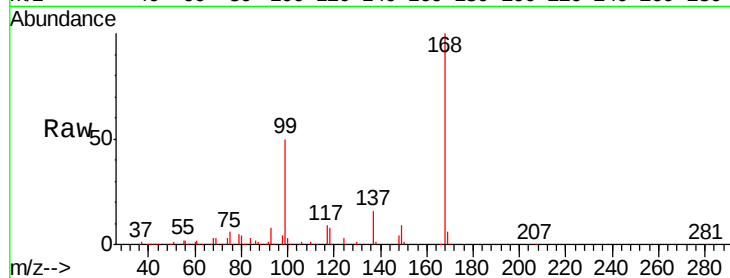
PL-03-101718-BRE

Tgt Ion:168 Resp: 202373

Ion Ratio Lower Upper

168 100

99 49.6 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

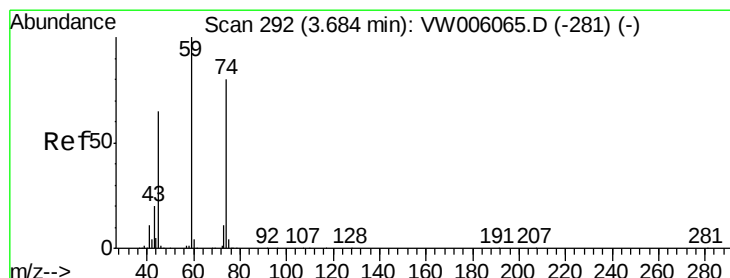
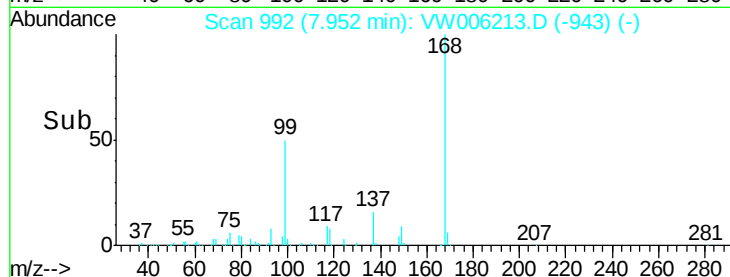
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.96 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006213.D

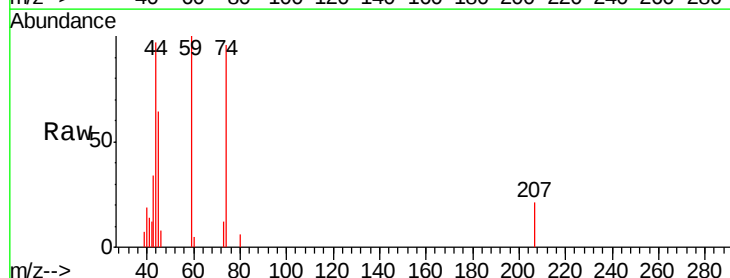
Acq: 19 Oct 2018 09:31

Tgt Ion: 74 Resp: 1788

Ion Ratio Lower Upper

74 100

45 112.4 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

1000

800

600

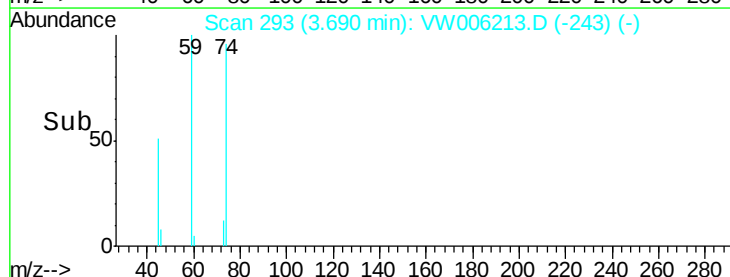
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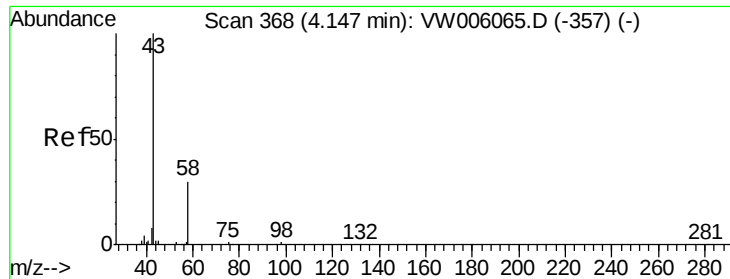
200

0

Time-->

3.60 3.65 3.70 3.75





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampleId :

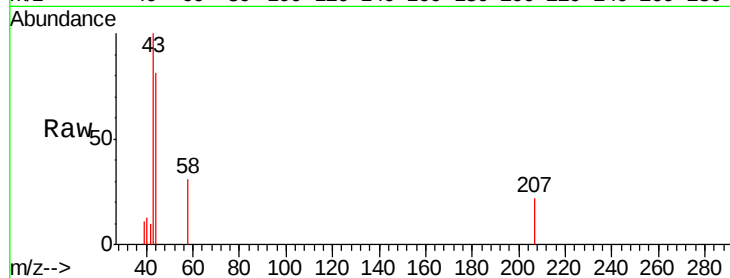
PL-03-101718-BRE

Tgt Ion: 43 Resp: 2138

Ion Ratio Lower Upper

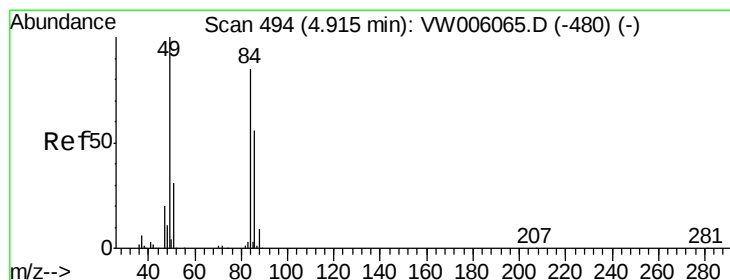
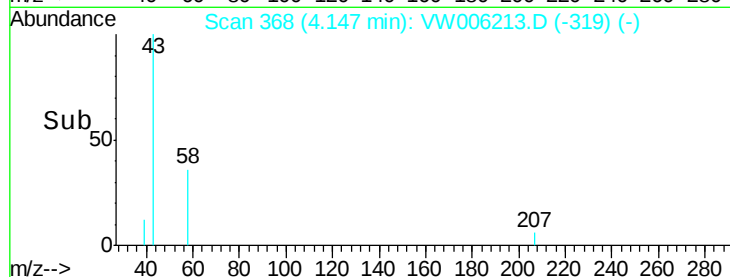
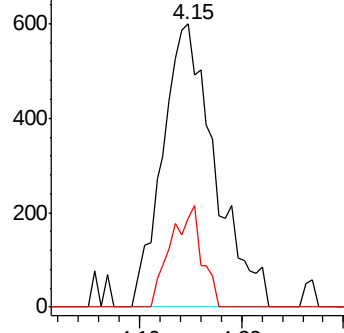
43 100

58 31.4 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: 3.36 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

Tgt Ion: 84 Resp: 8666

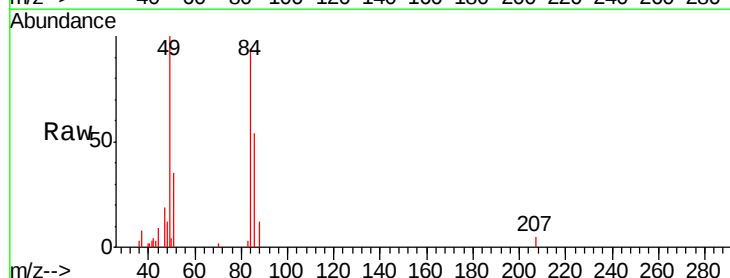
Ion Ratio Lower Upper

84 100

49 106.4 93.6 140.4

51 36.9 29.0 43.4

86 57.7 52.6 79.0

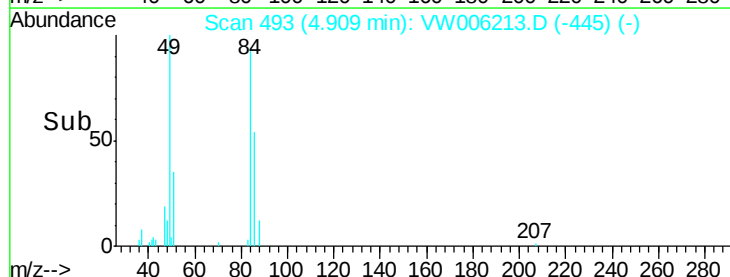
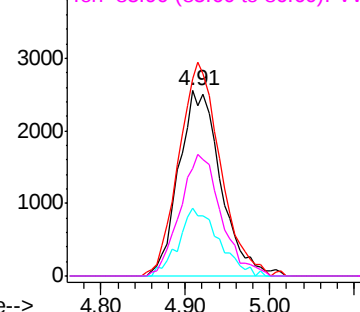


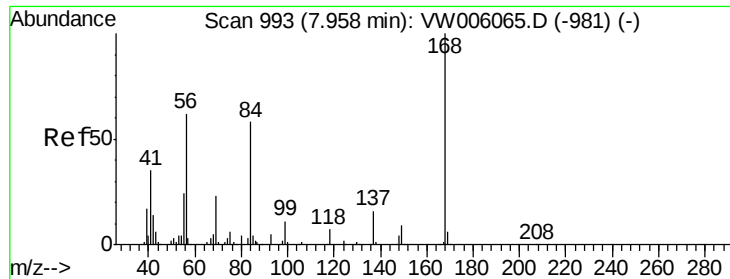
Abundance Ion 83.90 (83.60 to 84.60): VW

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

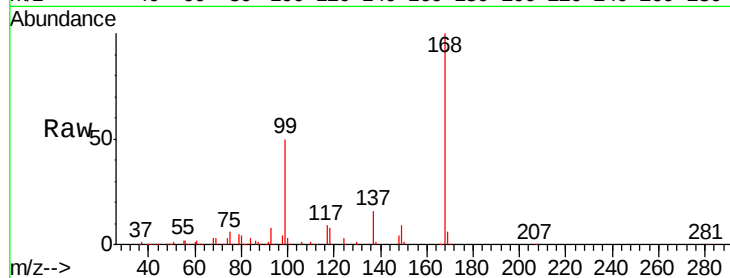




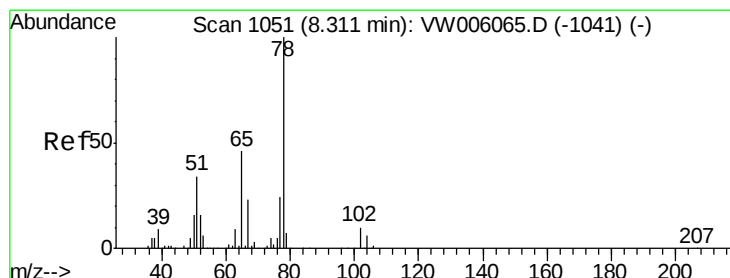
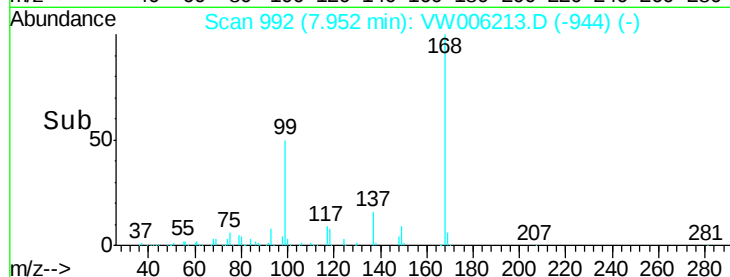
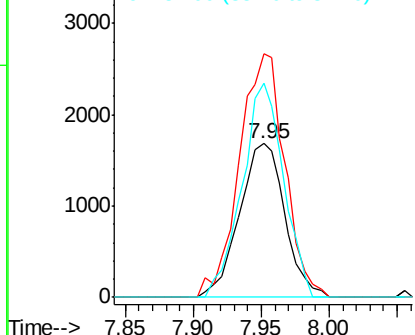
#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006213.D
Acq: 19 Oct 2018 09:31

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

Tgt Ion: 56 Resp: 3929
Ion Ratio Lower Upper
56 100
69 158.4 29.4 44.0#
84 139.3 74.0 111.0#

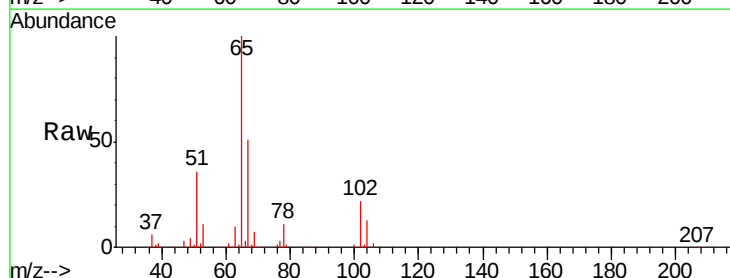


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

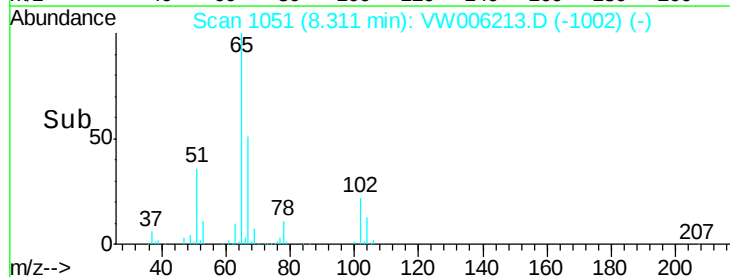
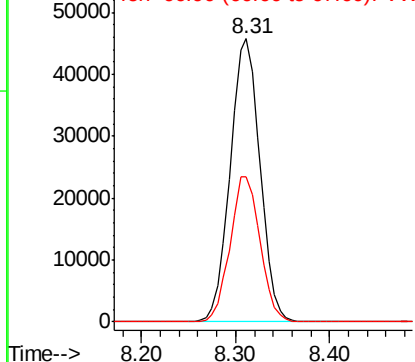


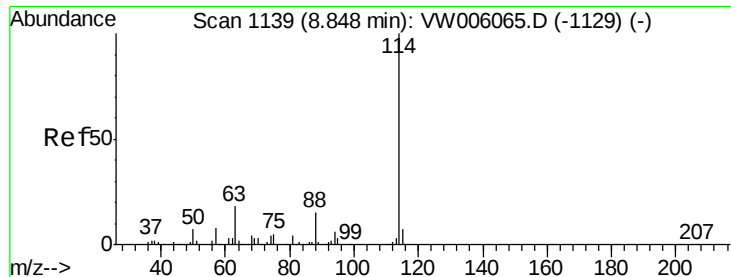
#33
1,2-Dichloroethane-d4
Concen: 59.90 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006213.D
Acq: 19 Oct 2018 09:31

Tgt Ion: 65 Resp: 100494
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

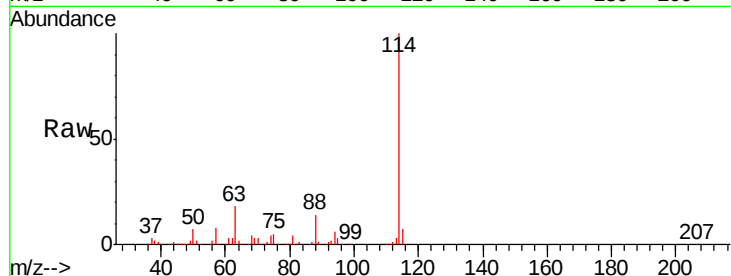




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006213.D
 Acq: 19 Oct 2018 09:31

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

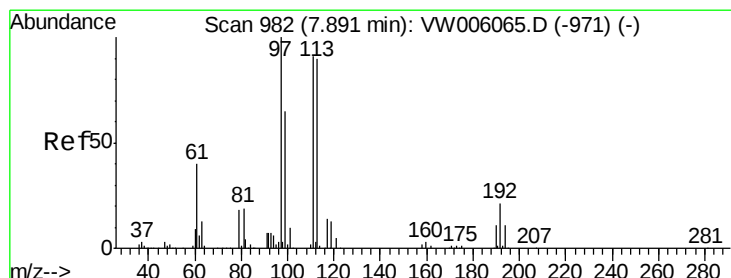
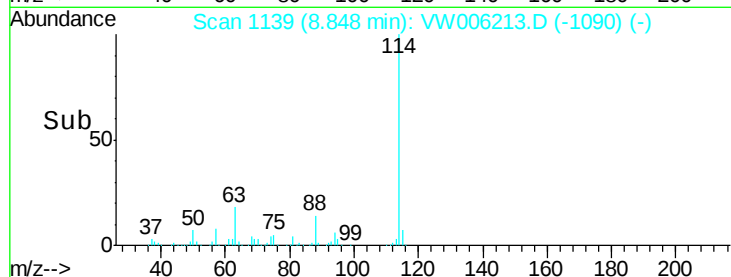
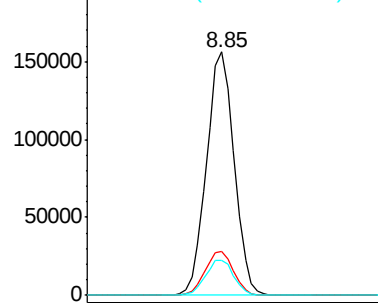
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	14.5	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

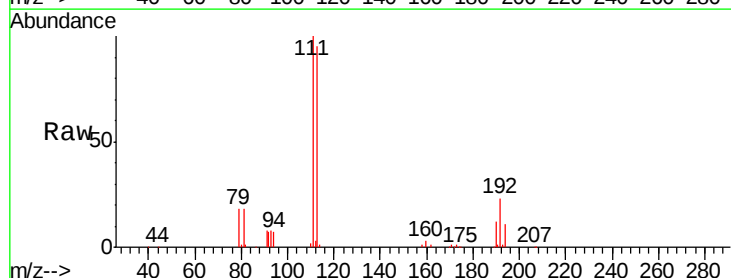
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 53.96 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006213.D
 Acq: 19 Oct 2018 09:31

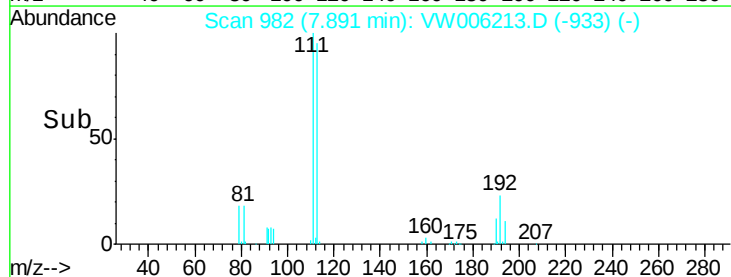
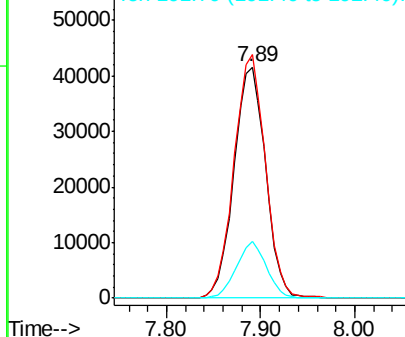
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	23.0	18.7	28.1

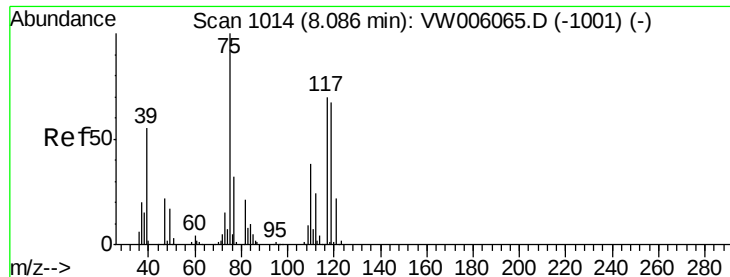


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

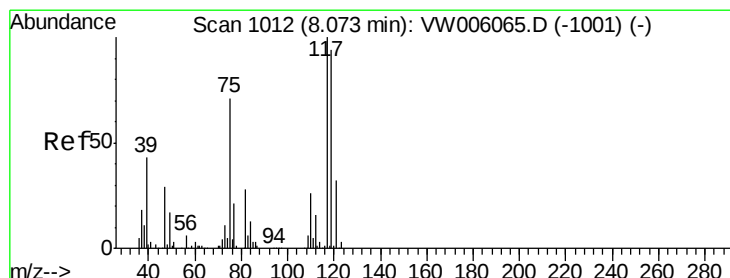
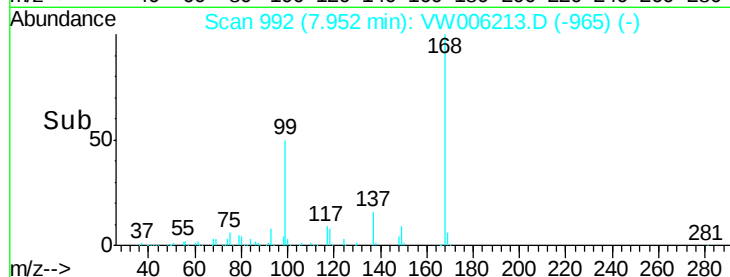
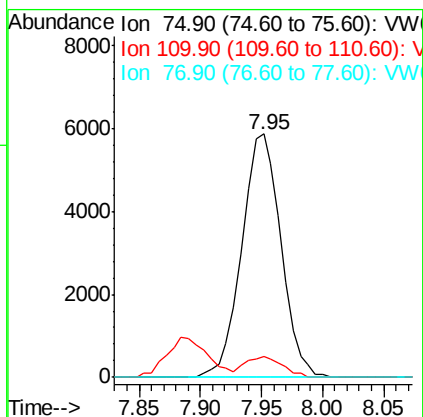
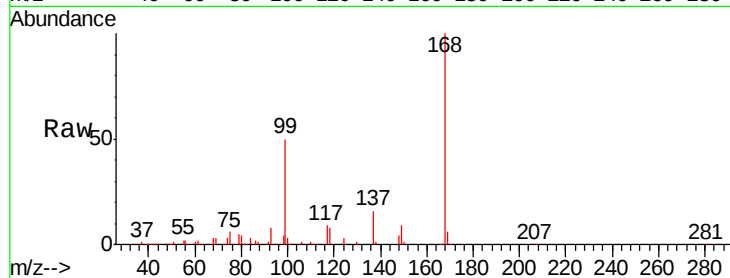




#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006213.D
 Acq: 19 Oct 2018 09:31

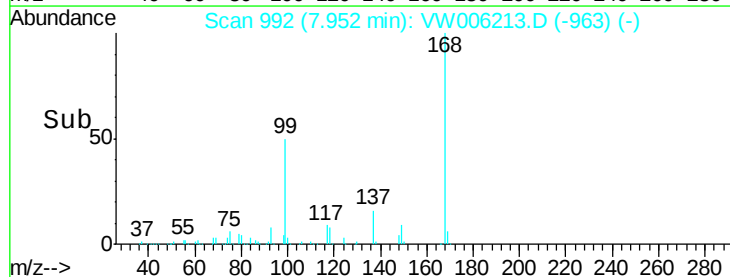
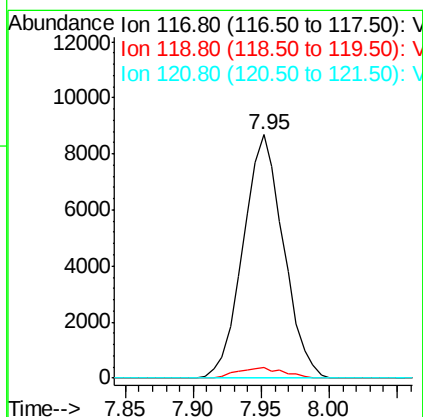
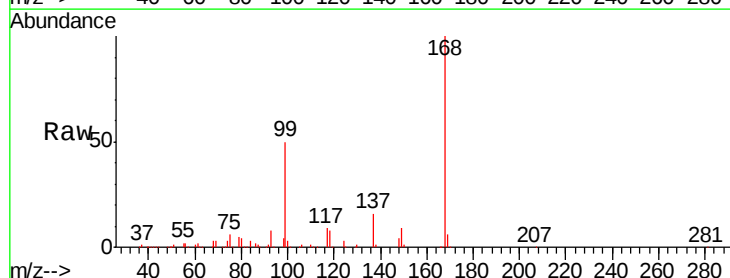
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-101718-BRE

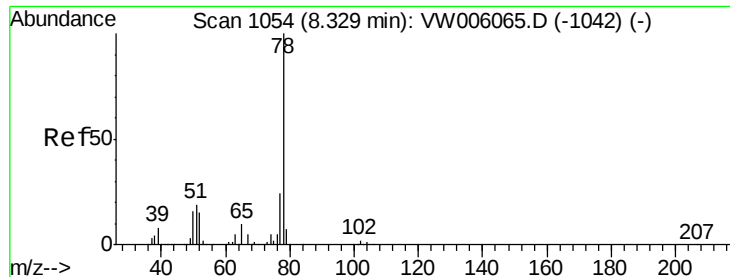
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.83 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006213.D
 Acq: 19 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.2	112.8#
121	0.0	25.3	37.9#





#40

Benzene

Concen: 2.56 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampleId :

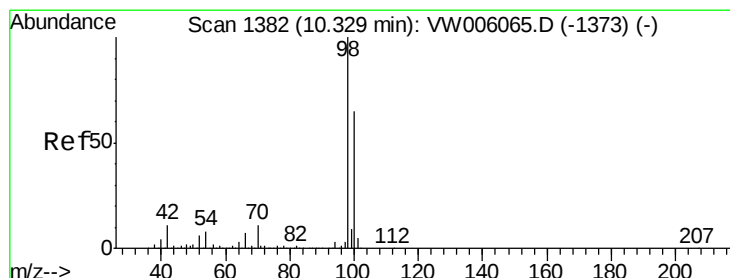
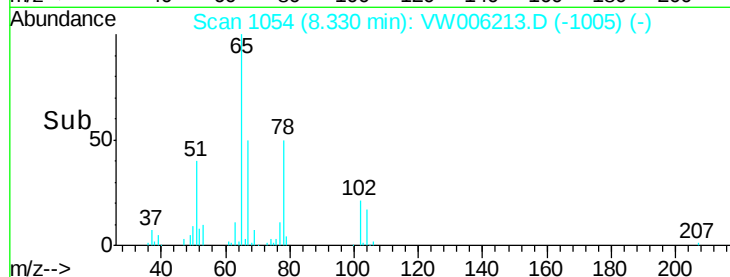
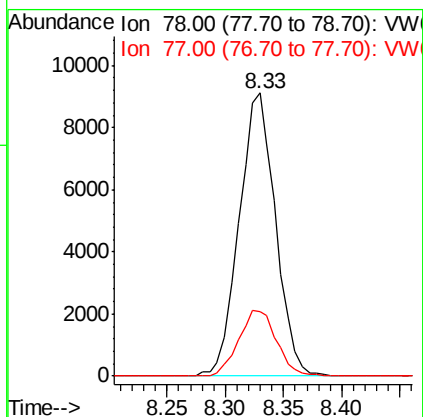
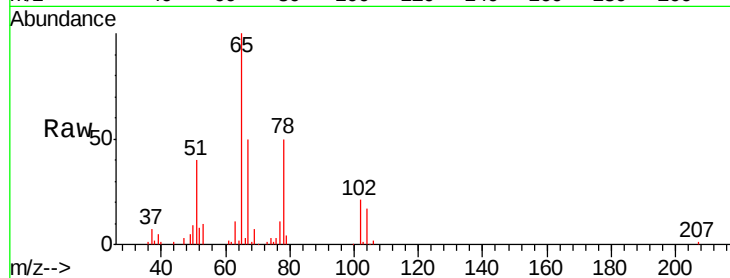
PL-03-101718-BRE

Tgt Ion: 78 Resp: 19852

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0



#50

Toluene-d8

Concen: 43.48 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006213.D

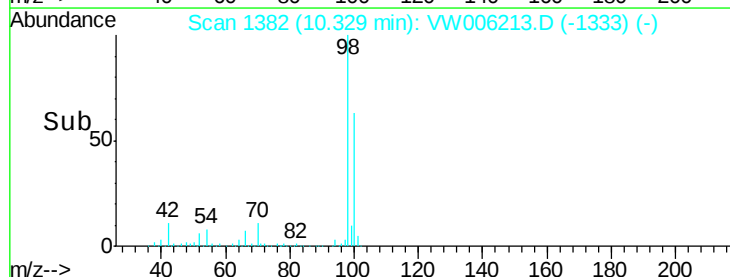
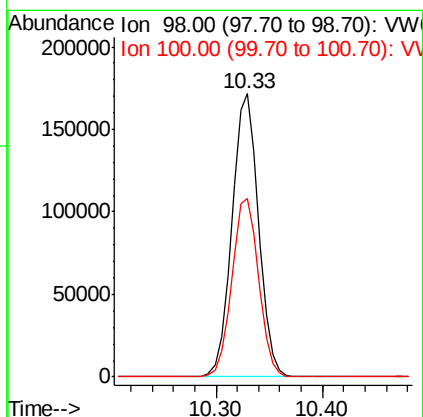
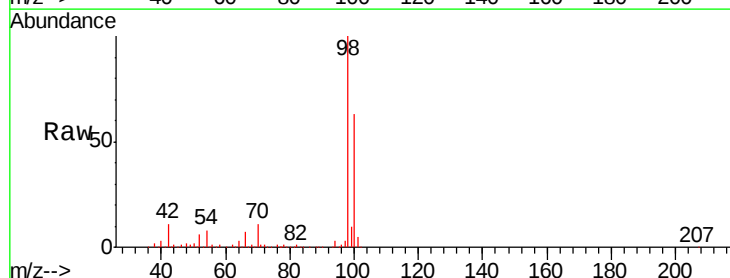
Acq: 19 Oct 2018 09:31

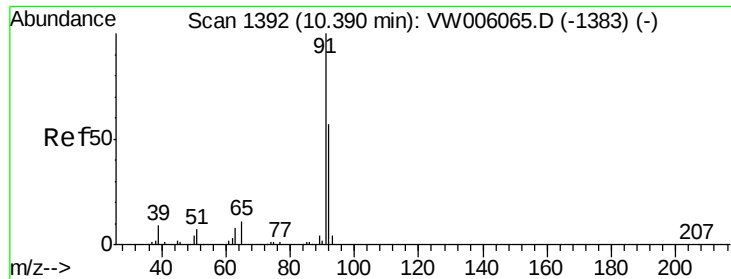
Tgt Ion: 98 Resp: 299532

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4





#52

Toluene

Concen: 15.96 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampleId :

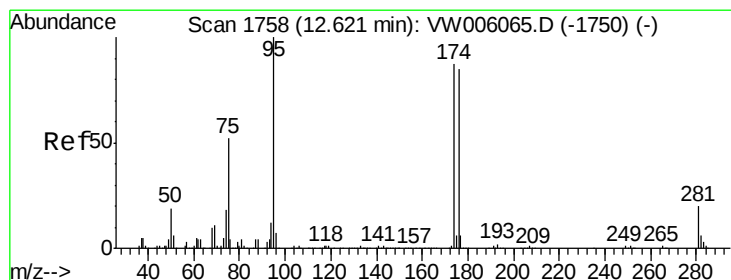
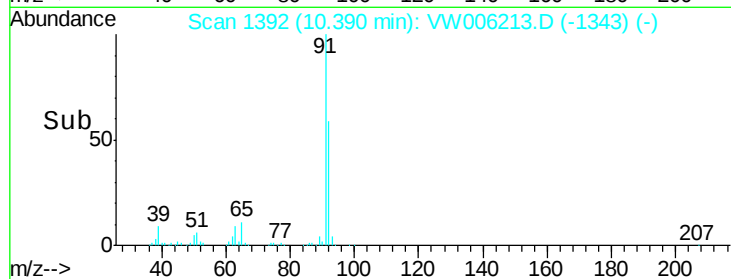
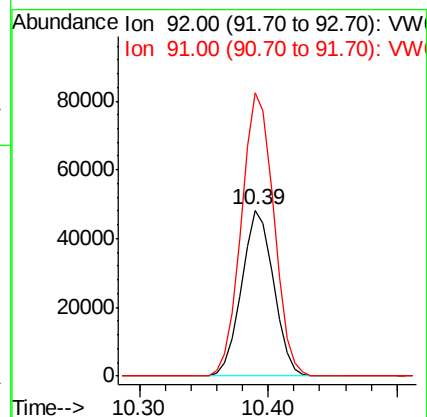
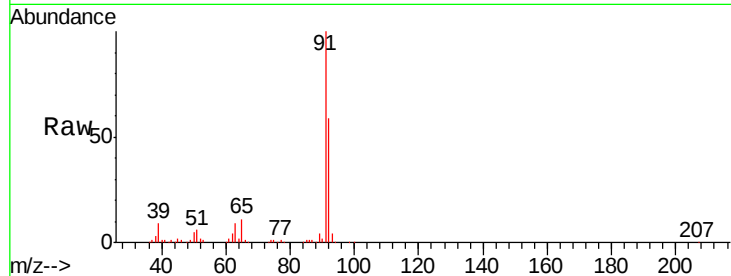
PL-03-101718-BRE

Tgt Ion: 92 Resp: 82899

Ion Ratio Lower Upper

92 100

91 173.5 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 35.08 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

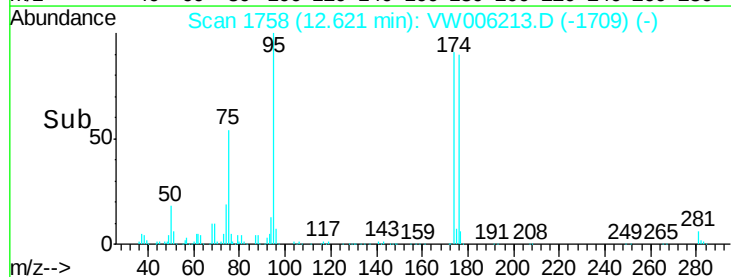
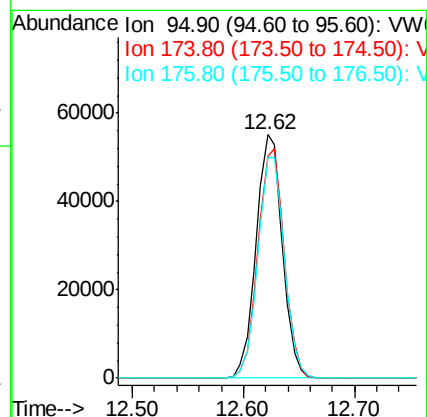
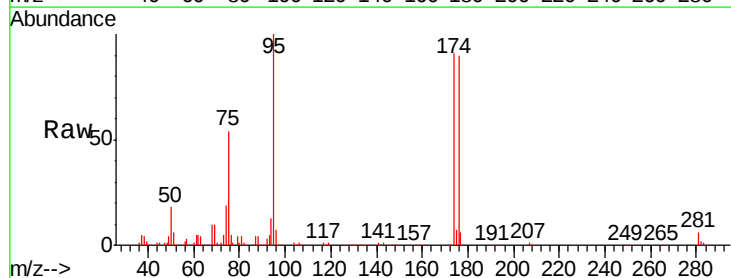
Tgt Ion: 95 Resp: 90756

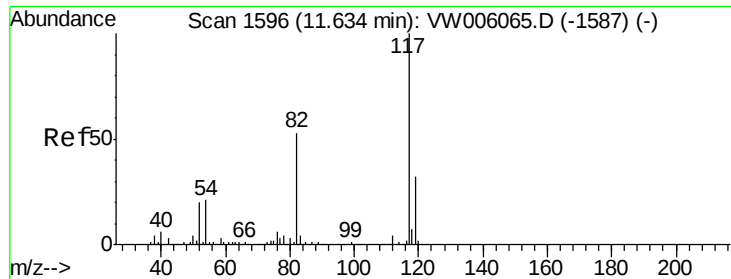
Ion Ratio Lower Upper

95 100

174 94.3 0.0 186.0

176 91.6 0.0 181.6

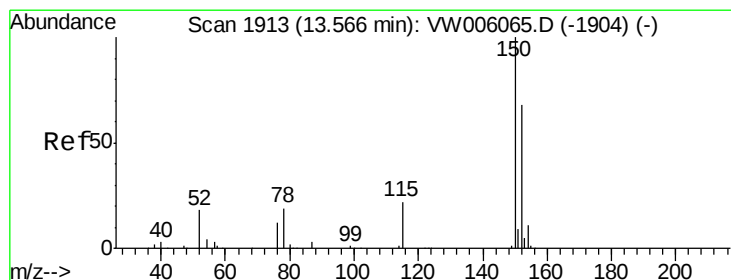
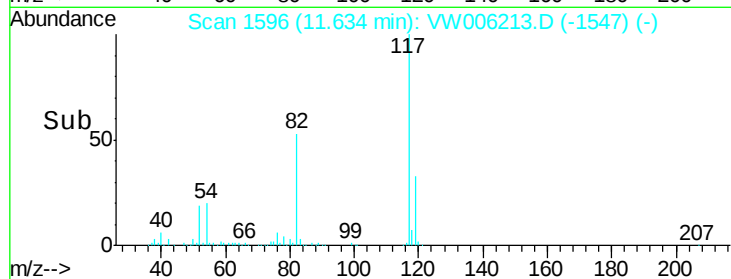
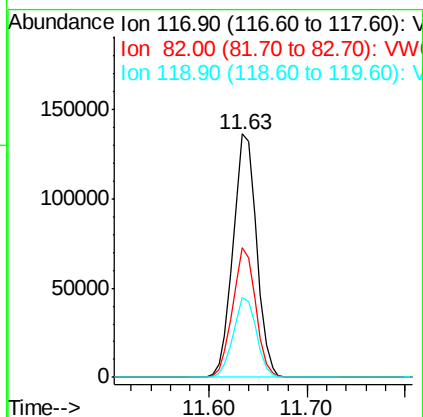
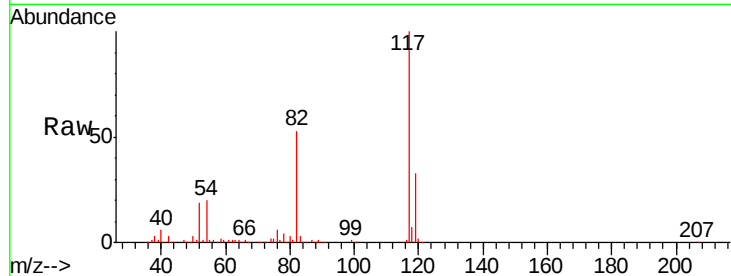




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006213.D
Acq: 19 Oct 2018 09:31

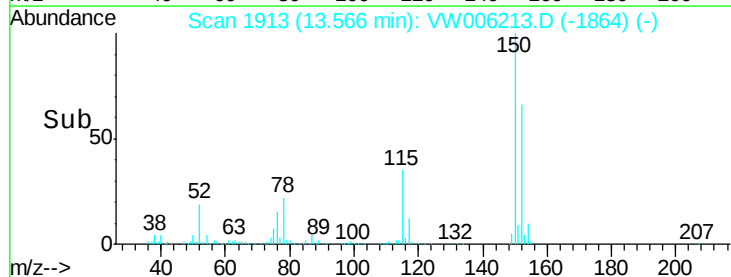
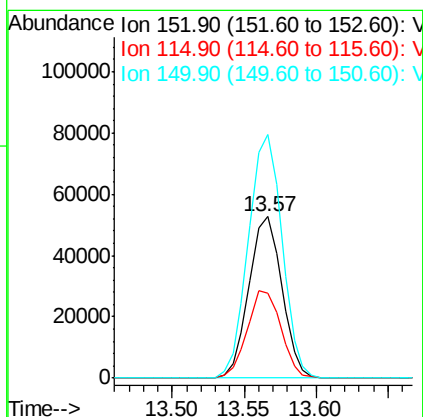
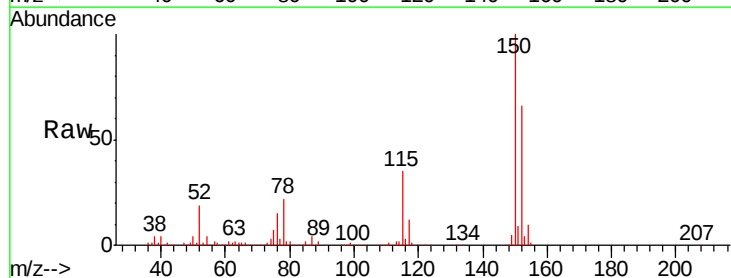
Instrument :
MSVOA_W
ClientSampleId :
PL-03-101718-BRE

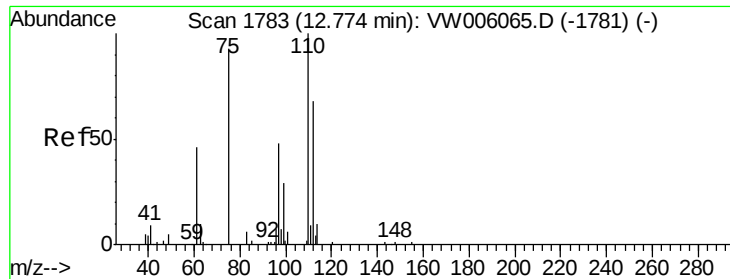
Tgt Ion:117 Resp: 227929
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006213.D
Acq: 19 Oct 2018 09:31

Tgt Ion:152 Resp: 83884
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.3
150 153.4 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 72.76 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampleId :

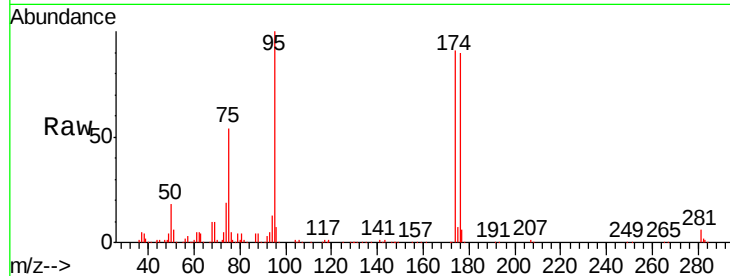
PL-03-101718-BRE

Tgt Ion: 75 Resp: 46621

Ion Ratio Lower Upper

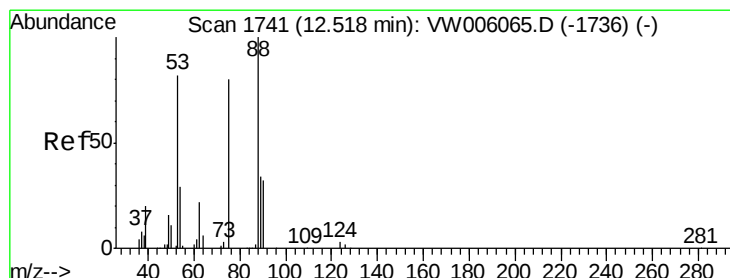
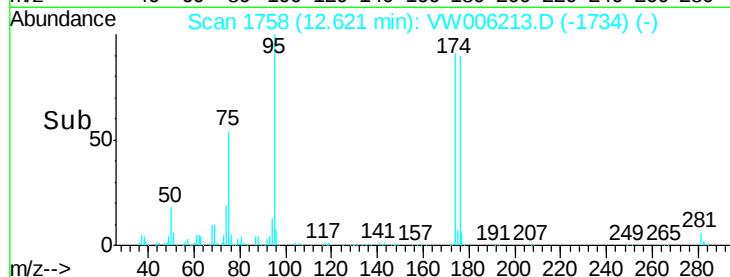
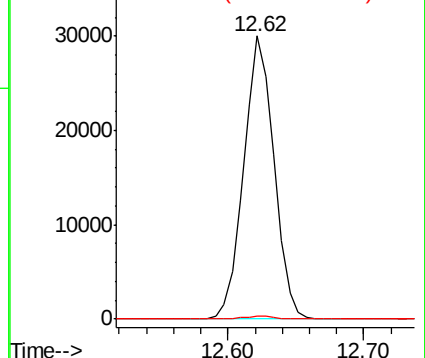
75 100

77 1.1 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: 173.94 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006213.D

Acq: 19 Oct 2018 09:31

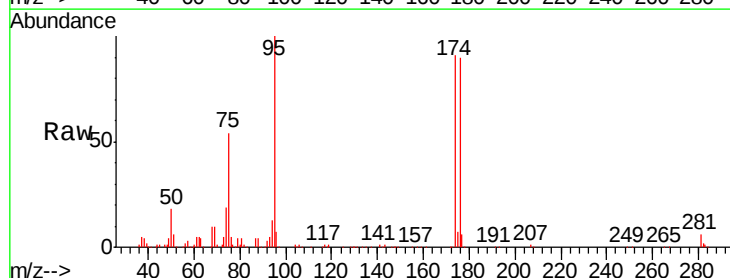
Tgt Ion: 75 Resp: 46621

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

