

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006046.D
 Acq On : 12 Oct 2018 13:41
 Operator : VA/AP
 Sample : J5193-01
 Misc : 3.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-101118

Quant Time: Oct 13 01:07:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96675	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	114810	57.44	ug/l	0.00
Spiked Amount			Recovery	=	114.88%	
35) Dibromofluoromethane	7.89	113	105187	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	
50) Toluene-d8	10.33	98	346216	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.62	95	113549	39.71	ug/l	0.00
Spiked Amount			Recovery	=	79.42%	

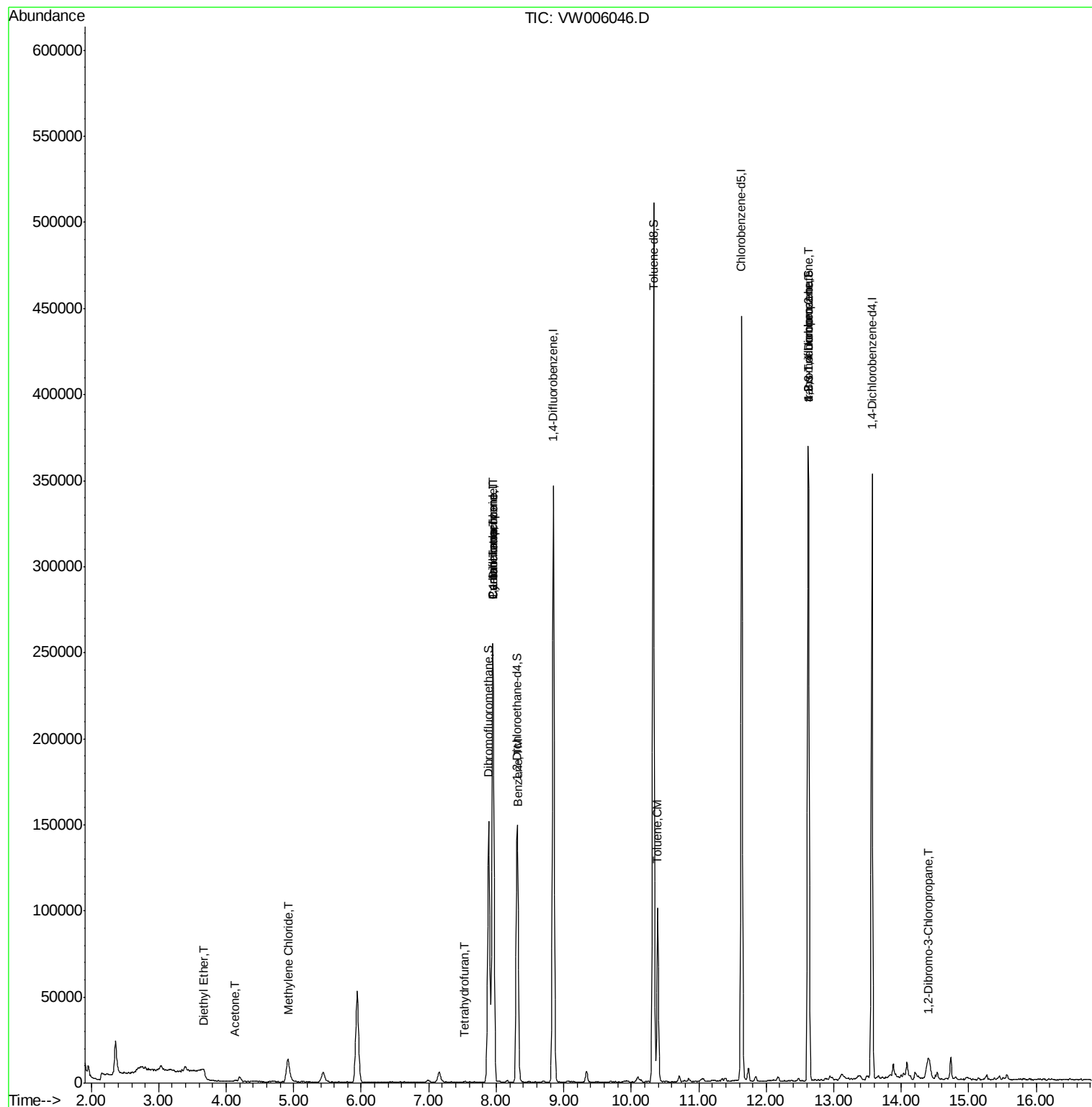
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1180	1.282	ug/l	63
16) Acetone	4.14	43	1629	4.080	ug/l	100
20) Methylene Chloride	4.91	84	10873	5.436	ug/l	95
29) Tetrahydrofuran	7.53	42	361	1.006	ug/l #	38
31) Cyclohexane	7.95	56	4728	1.351	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13646	4.655	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18756	5.955	ug/l #	15
40) Benzene	8.32	78	8069	1.006	ug/l	94
52) Toluene	10.39	92	43029	8.164	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	56805	65.779	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56805	138.867	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.40	75	1207	5.597	ug/l #	1

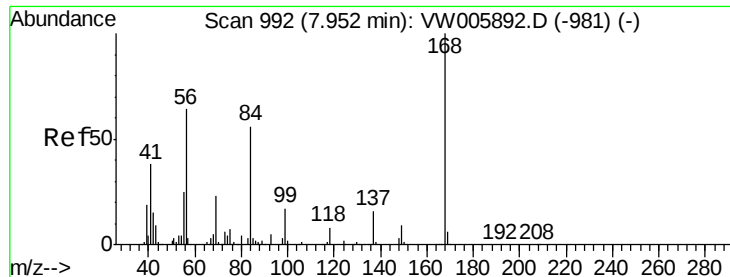
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

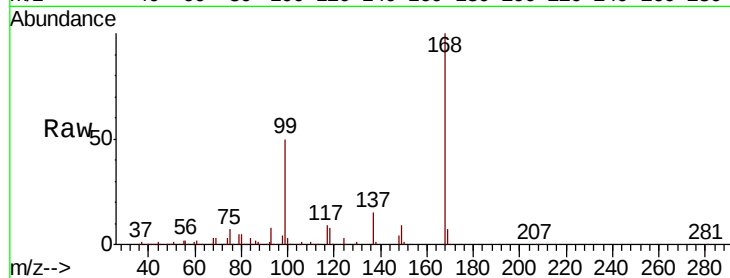
BU-01-101118

Tgt Ion:168 Resp: 205896

Ion Ratio Lower Upper

168 100

99 50.2 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

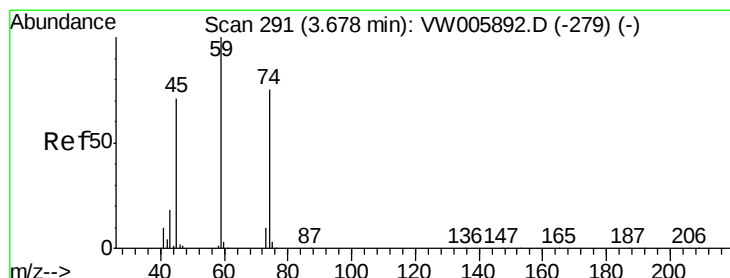
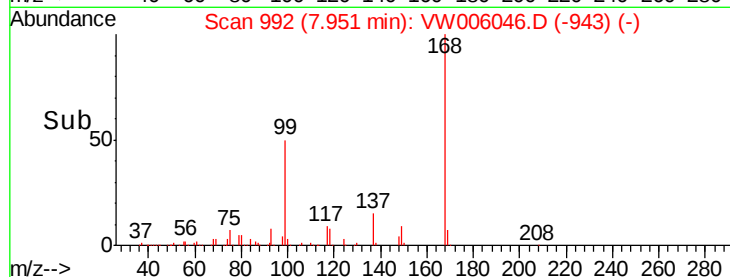
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.282 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW006046.D

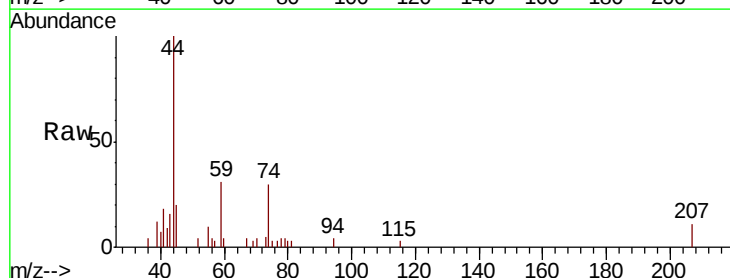
Acq: 12 Oct 2018 13:41

Tgt Ion: 74 Resp: 1180

Ion Ratio Lower Upper

74 100

45 129.1 46.8 140.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

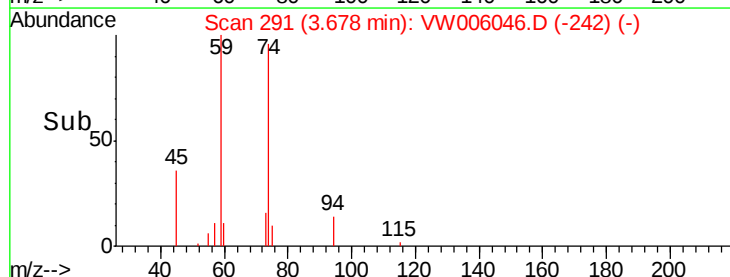
600

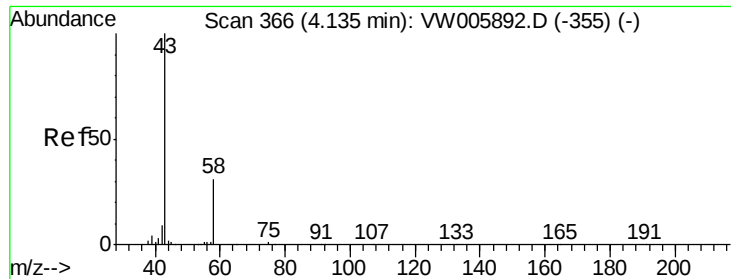
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200

0

Time-->

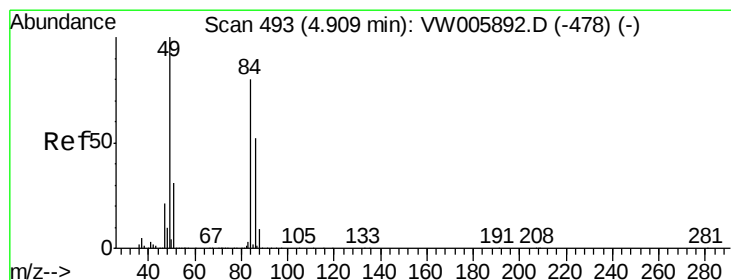
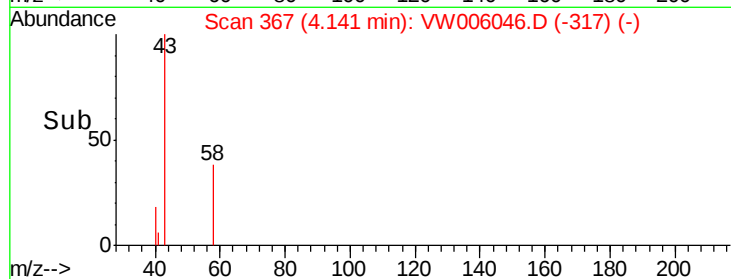
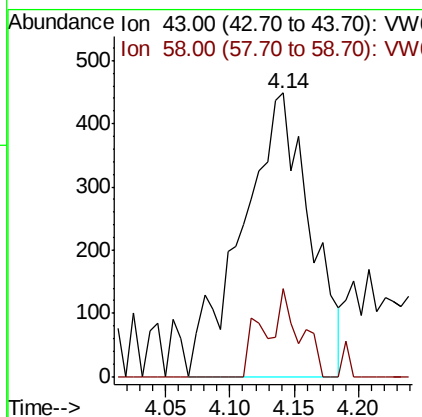
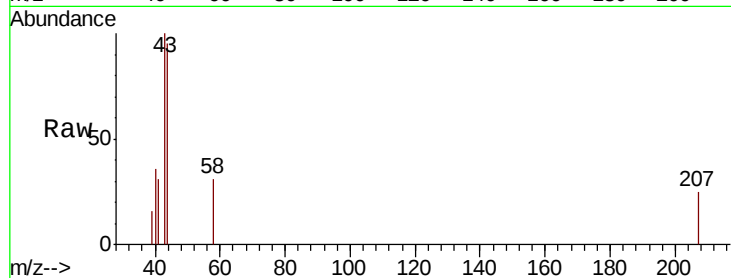




#16
Acetone
Concen: 4.080 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW006046.D
Acq: 12 Oct 2018 13:41

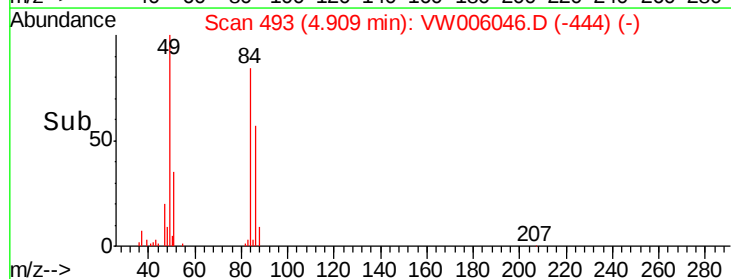
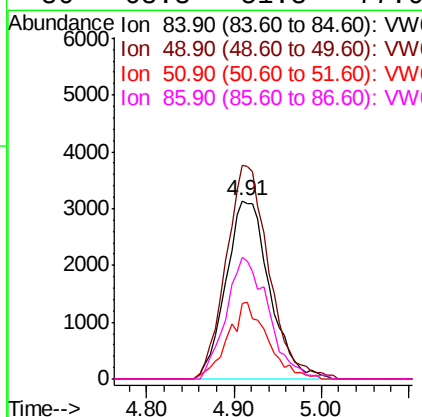
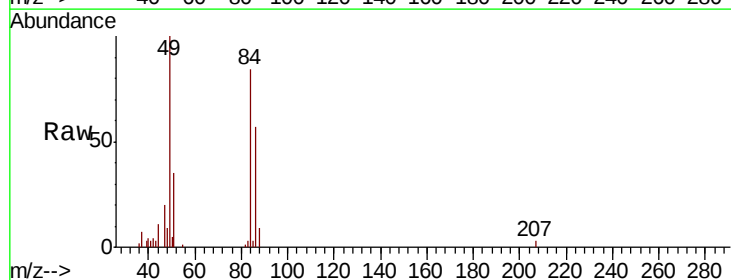
Instrument :
MSVOA_W
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BU-01-101118

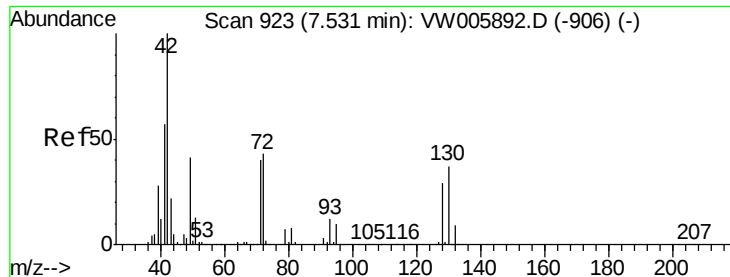
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1



#20
Methylene Chloride
Concen: 5.436 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW006046.D
Acq: 12 Oct 2018 13:41

Tgt Ion: 84 Resp: 10873
Ion Ratio Lower Upper
84 100
49 119.7 99.9 149.9
51 42.1 31.1 46.7
86 68.3 51.8 77.6

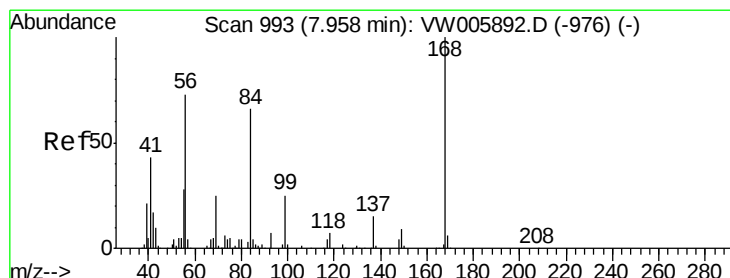
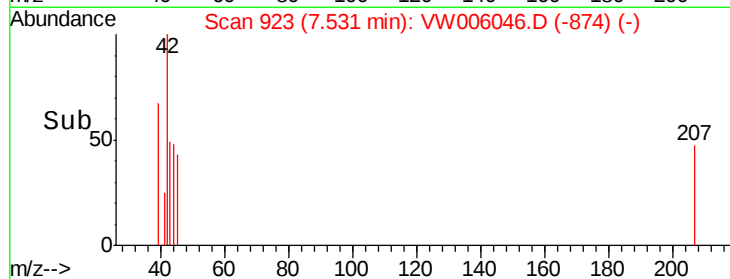
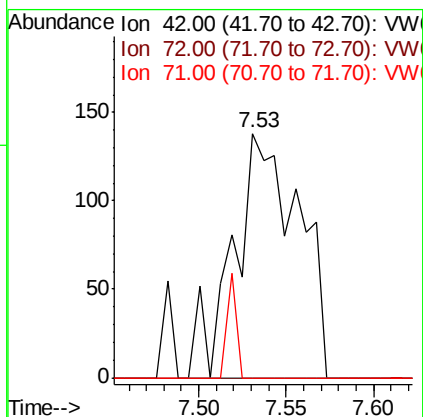
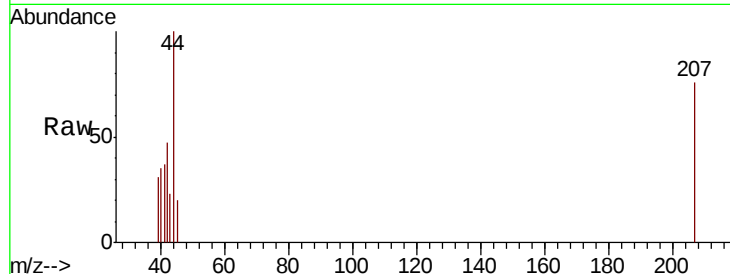




#29
Tetrahydrofuran
Concen: 1.006 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW006046.D
Acq: 12 Oct 2018 13:41

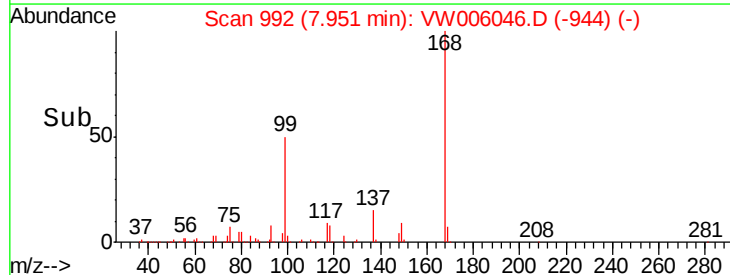
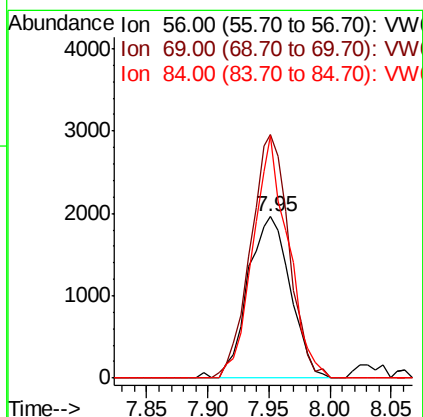
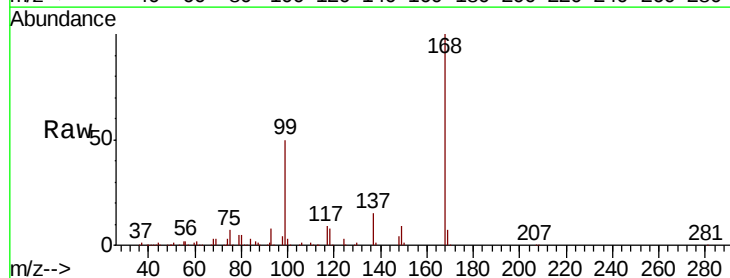
Instrument :
MSVOA_W
ClientSampleId :
BU-01-101118

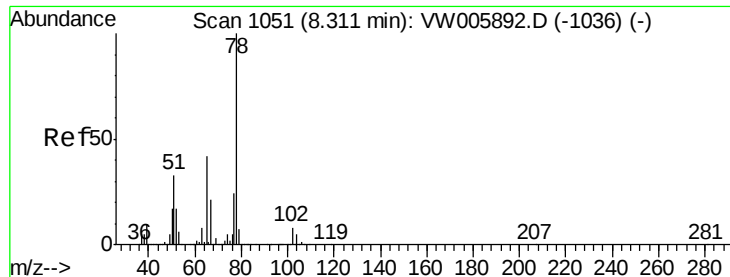
Tgt Ion: 42 Resp: 361
Ion Ratio Lower Upper
42 100
72 0.0 34.6 51.8#
71 6.1 32.6 49.0#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006046.D
Acq: 12 Oct 2018 13:41

Tgt Ion: 56 Resp: 4728
Ion Ratio Lower Upper
56 100
69 150.8 27.9 41.9#
84 149.8 72.3 108.5#





#33

1,2-Dichloroethane-d4

Concen: 57.440 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

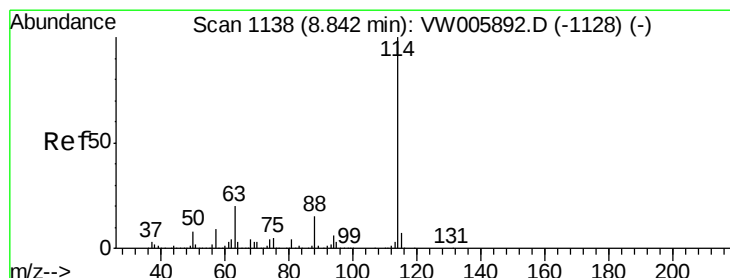
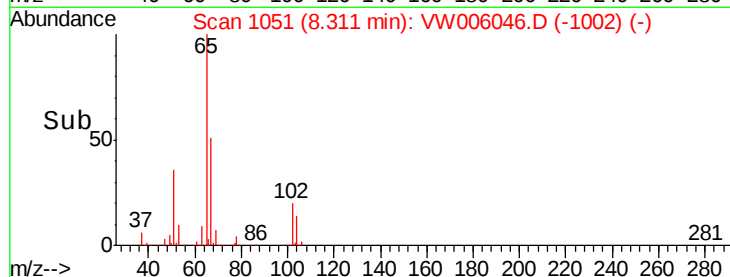
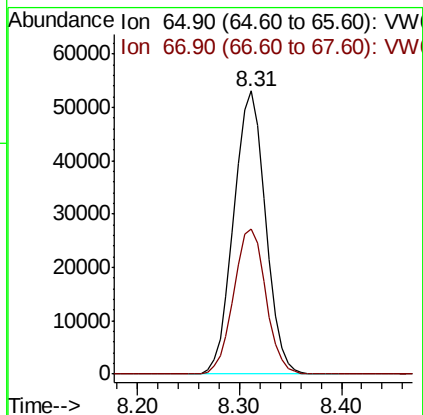
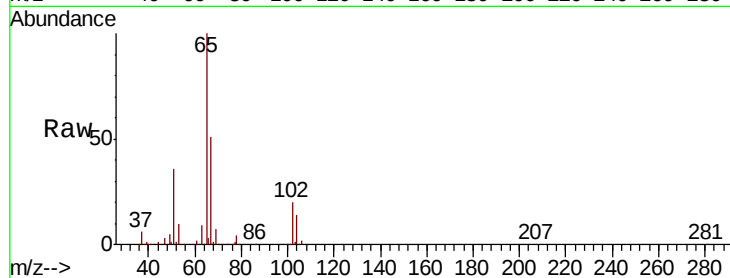
BU-01-101118

Tgt Ion: 65 Resp: 114810

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

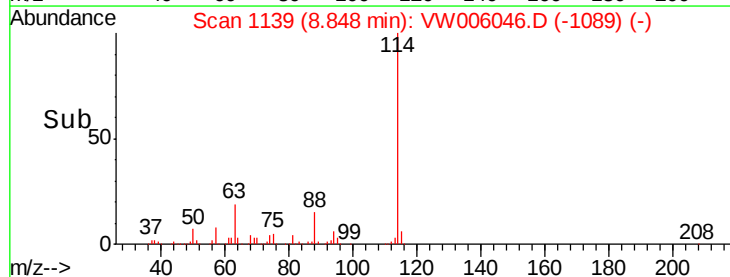
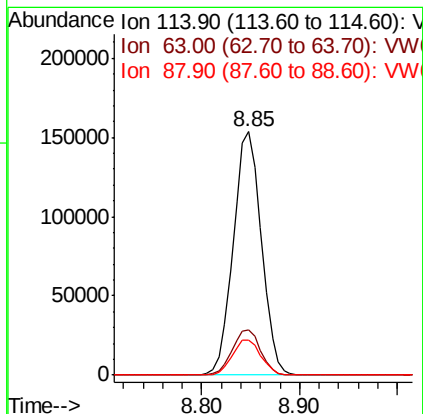
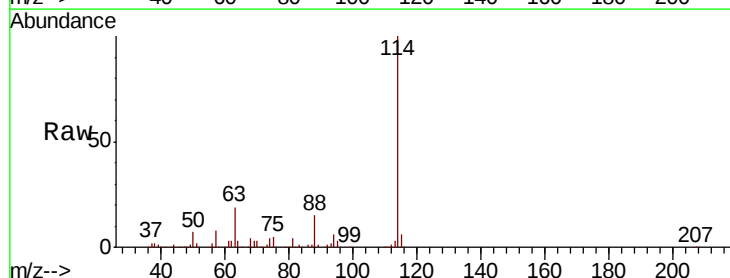
Tgt Ion: 114 Resp: 305927

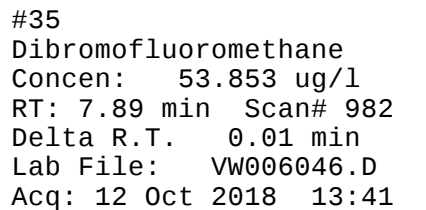
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

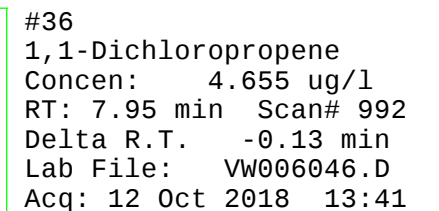
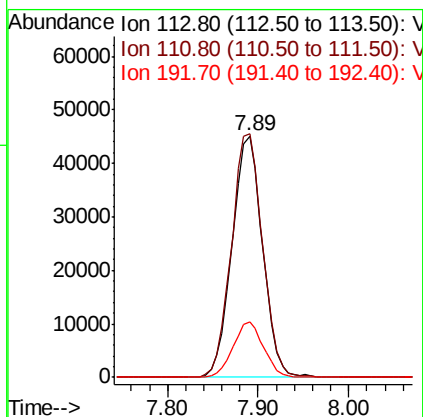
88 14.6 0.0 30.8



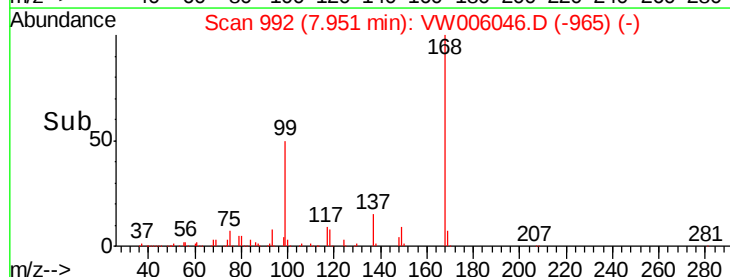
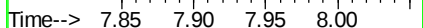
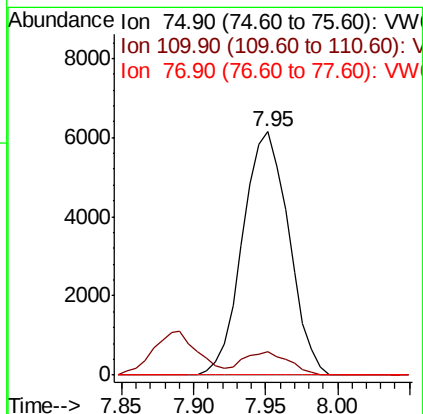


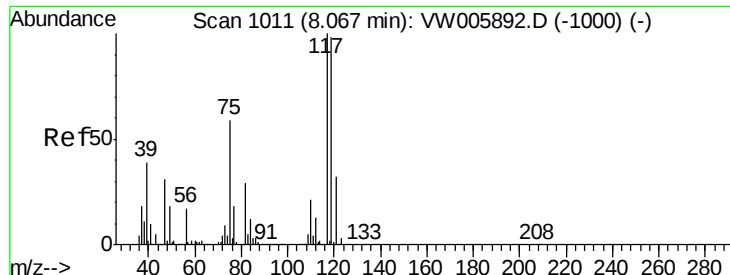
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ClientSampleId :
BU-01-101118

Tgt	Ion:113	Resp:	105187
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.1	18.3	27.5



Tgt	Ion: 75	Resp:	13646
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.6	56.0#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.955 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

BU-01-101118

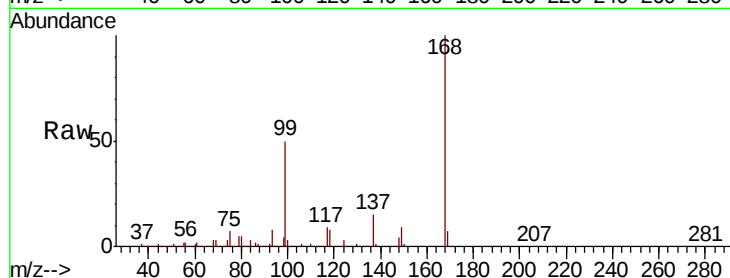
Tgt Ion:117 Resp: 18756

Ion Ratio Lower Upper

117 100

119 5.0 78.6 117.8#

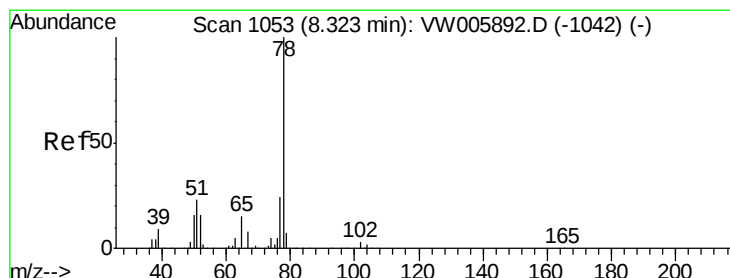
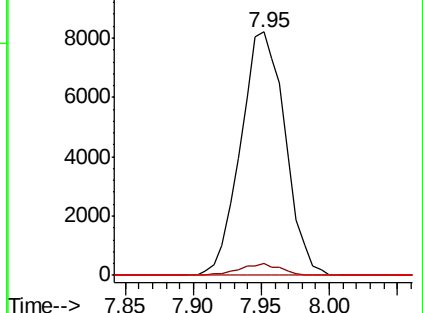
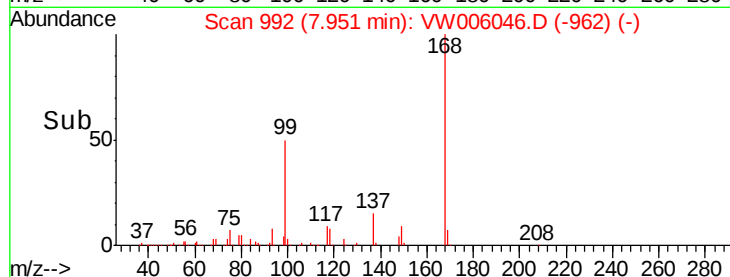
121 0.0 25.3 37.9#



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



#40

Benzene

Concen: 1.006 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW006046.D

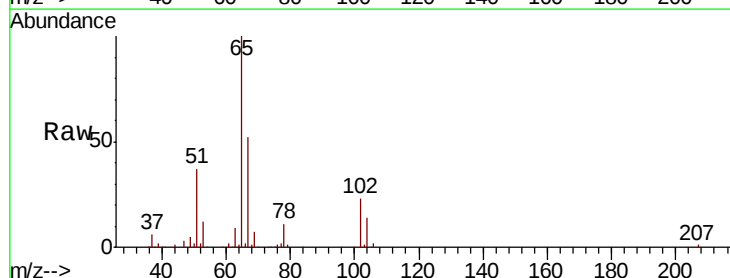
Acq: 12 Oct 2018 13:41

Tgt Ion: 78 Resp: 8069

Ion Ratio Lower Upper

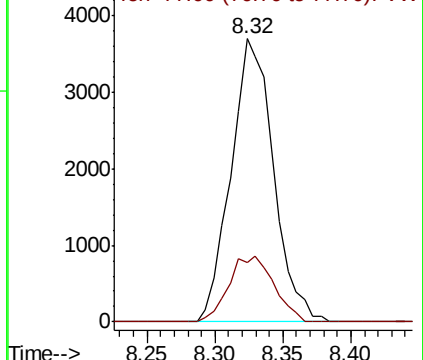
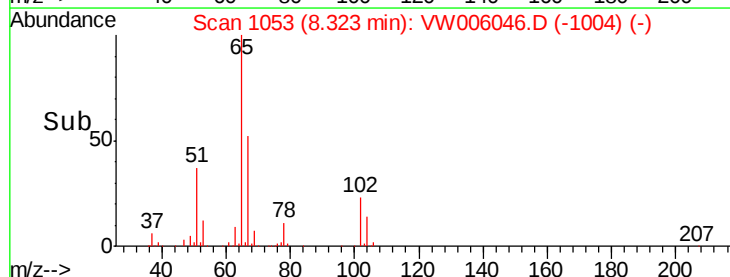
78 100

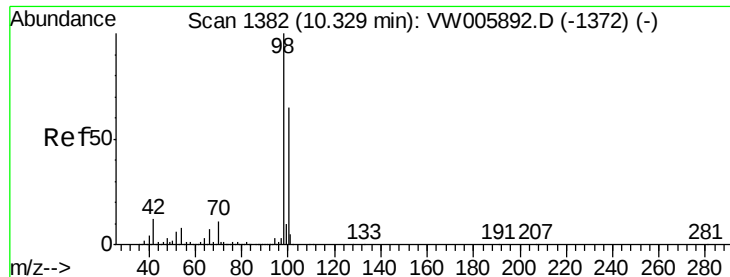
77 20.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 46.071 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

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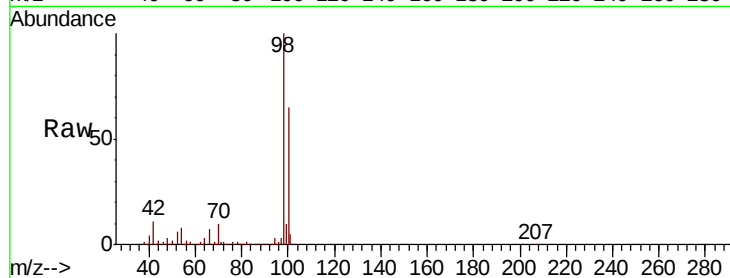
BU-01-101118

Tgt Ion: 98 Resp: 346216

Ion Ratio Lower Upper

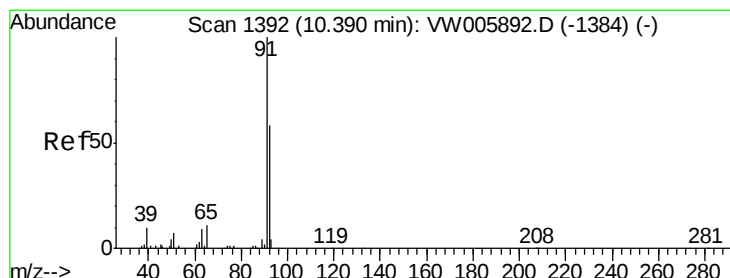
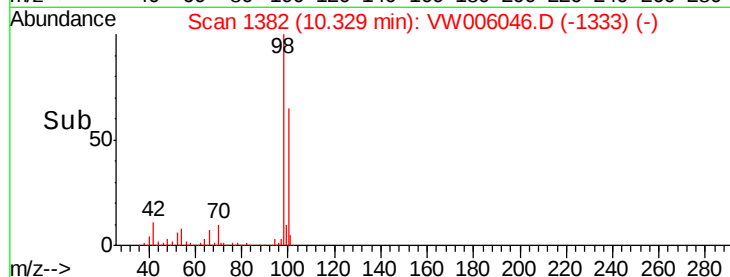
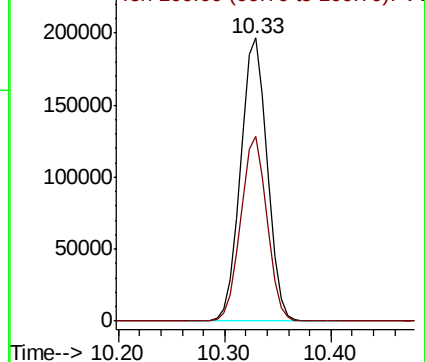
98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 8.164 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006046.D

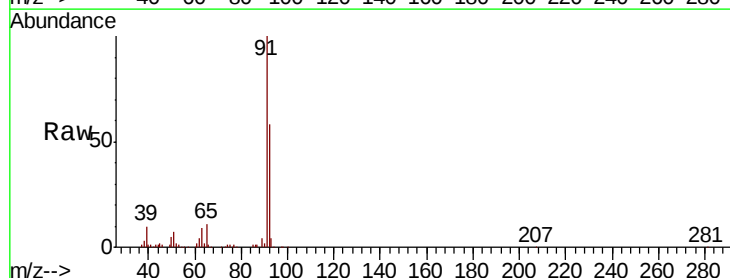
Acq: 12 Oct 2018 13:41

Tgt Ion: 92 Resp: 43029

Ion Ratio Lower Upper

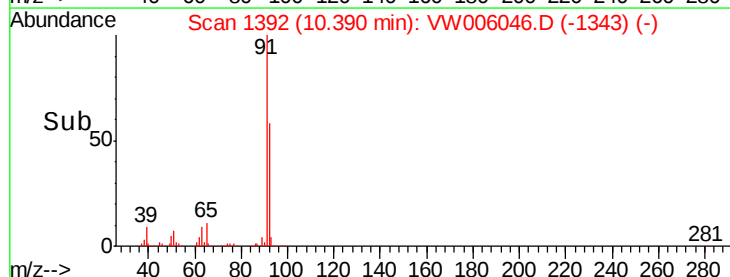
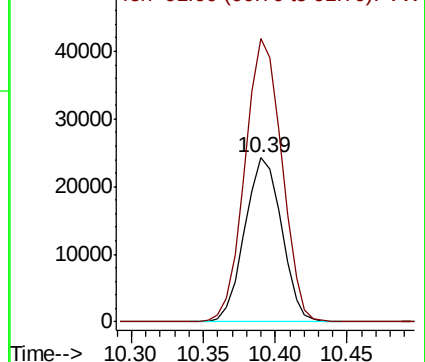
92 100

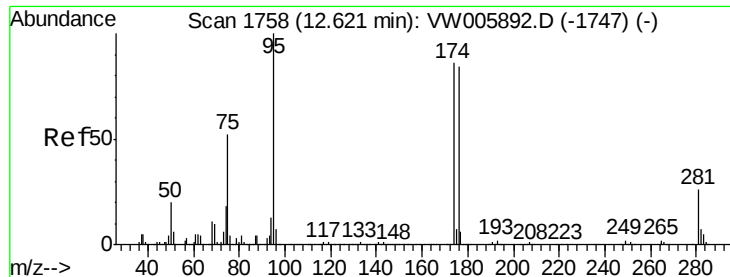
91 172.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 39.715 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

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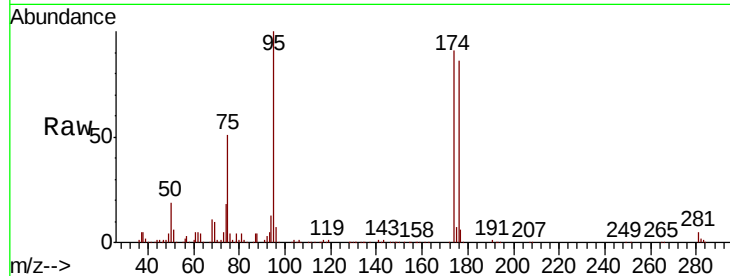
Tgt Ion: 95 Resp: 113549

Ion Ratio Lower Upper

95 100

174 92.9 0.0 176.4

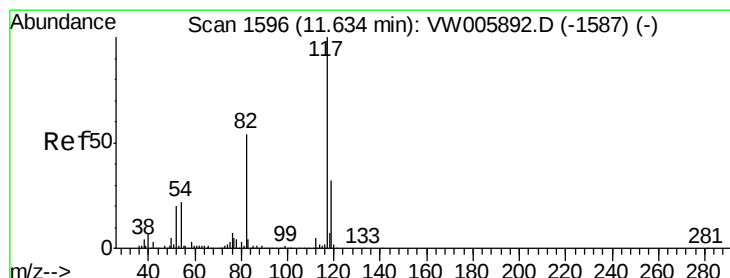
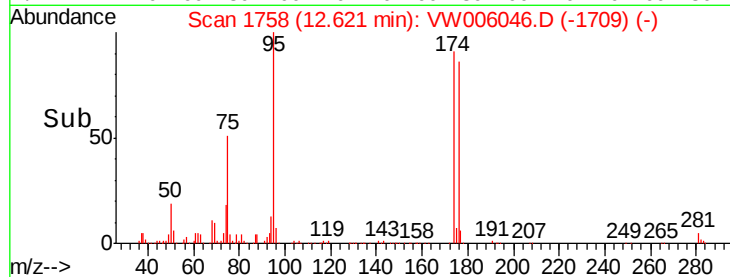
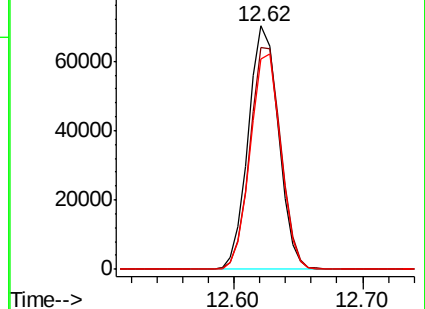
176 89.1 0.0 173.0



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: VW006046.D

Acq: 12 Oct 2018 13:41

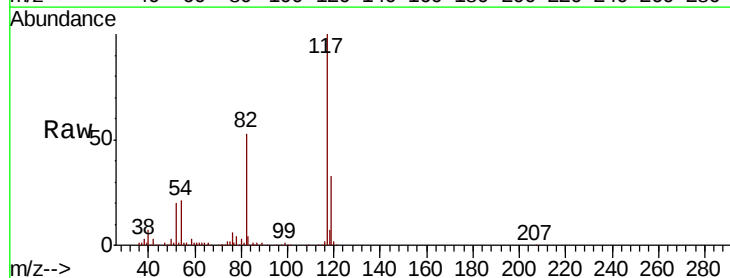
Tgt Ion: 117 Resp: 248775

Ion Ratio Lower Upper

117 100

82 53.0 43.5 65.3

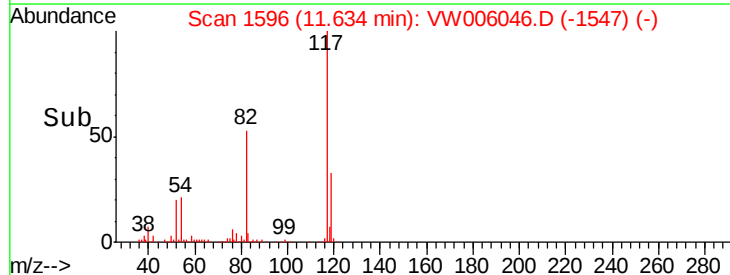
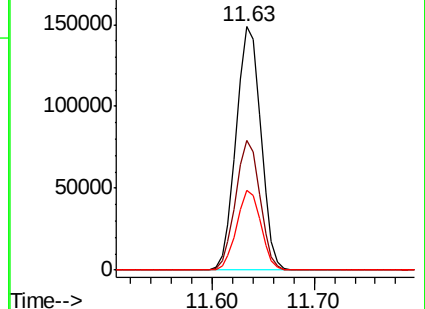
119 32.8 25.4 38.2

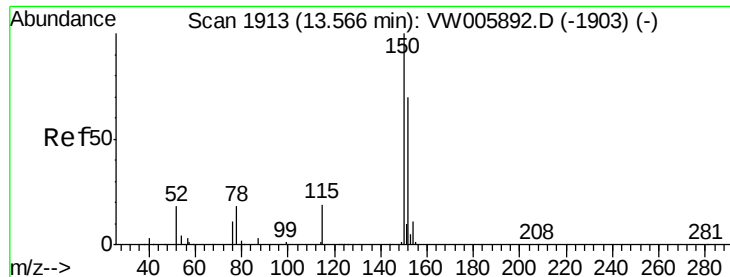


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

BU-01-101118

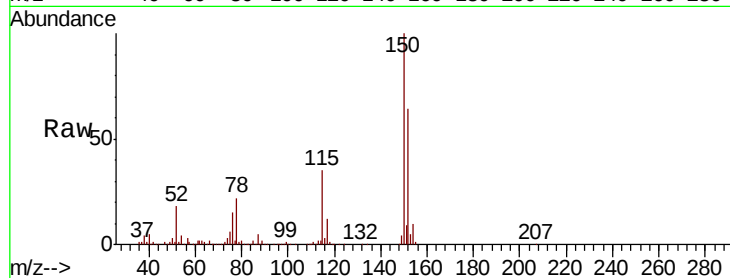
Tgt Ion: 152 Resp: 96675

Ion Ratio Lower Upper

152 100

115 55.9 28.3 85.0

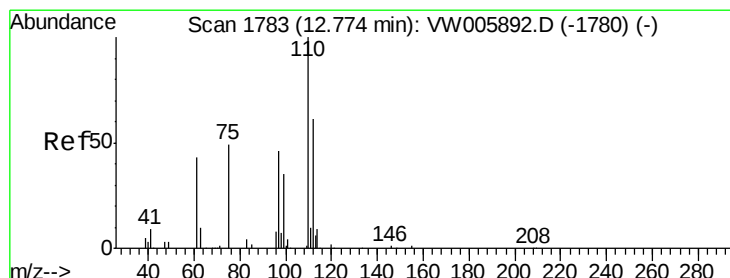
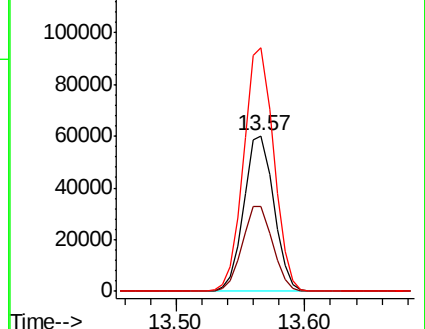
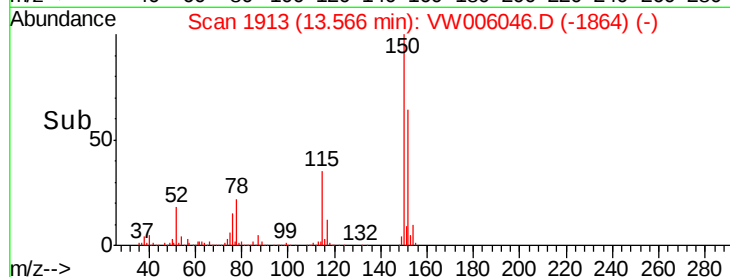
150 157.2 0.0 349.2



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: 65.779 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006046.D

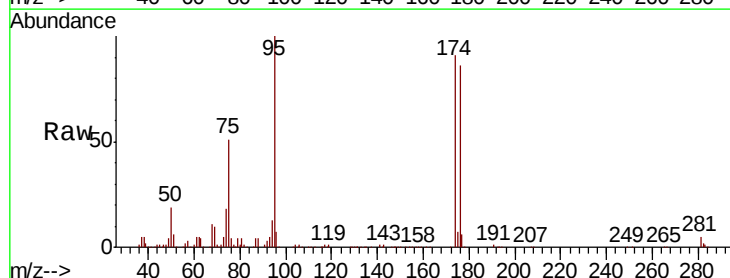
Acq: 12 Oct 2018 13:41

Tgt Ion: 75 Resp: 56805

Ion Ratio Lower Upper

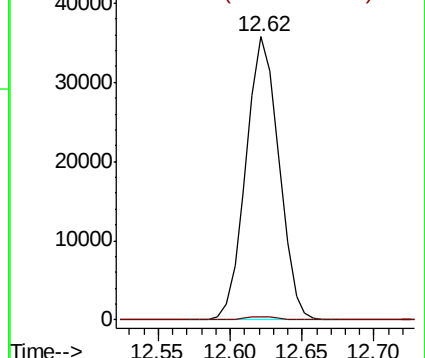
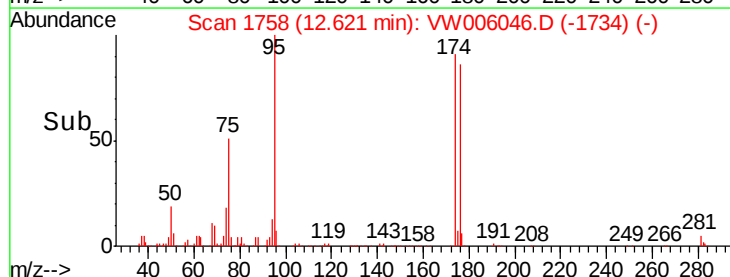
75 100

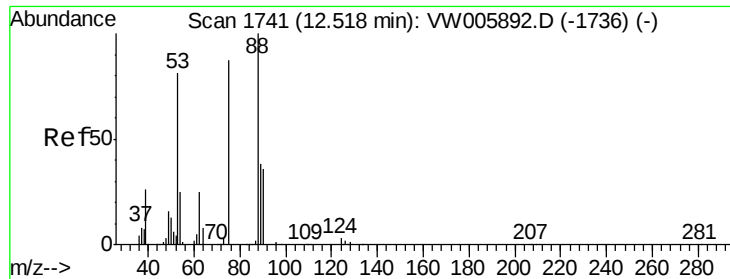
77 1.3 0.0 0.0#



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: 138.867 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

BU-01-101118

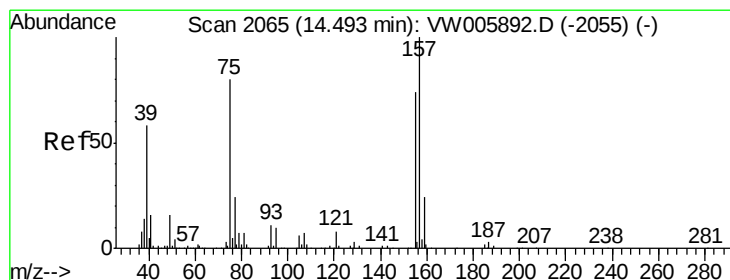
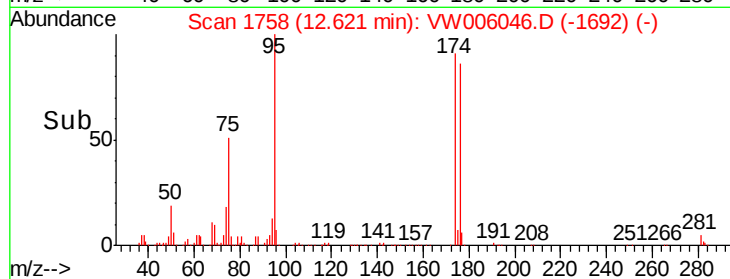
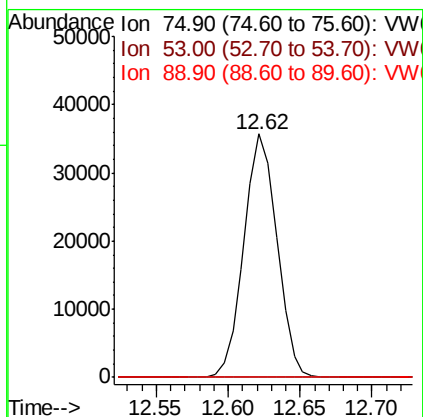
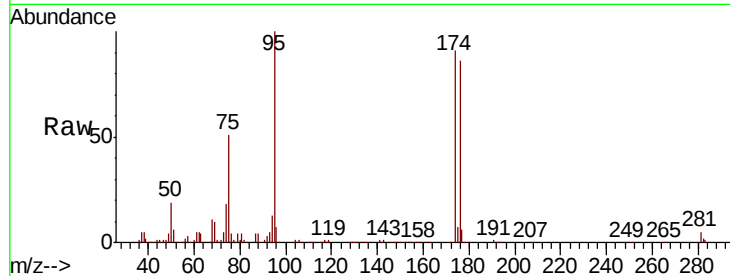
Tgt Ion: 75 Resp: 56805

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.597 ug/l

RT: 14.40 min Scan# 2050

Delta R.T. -0.09 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Tgt Ion: 75 Resp: 1207

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.3#

157 2.2 58.9 176.6#

