

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006048.D
 Acq On : 12 Oct 2018 14:33
 Operator : VA/AP
 Sample : J5193-01RE
 Misc : 6.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-101118

Quant Time: Oct 13 01:08:11 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

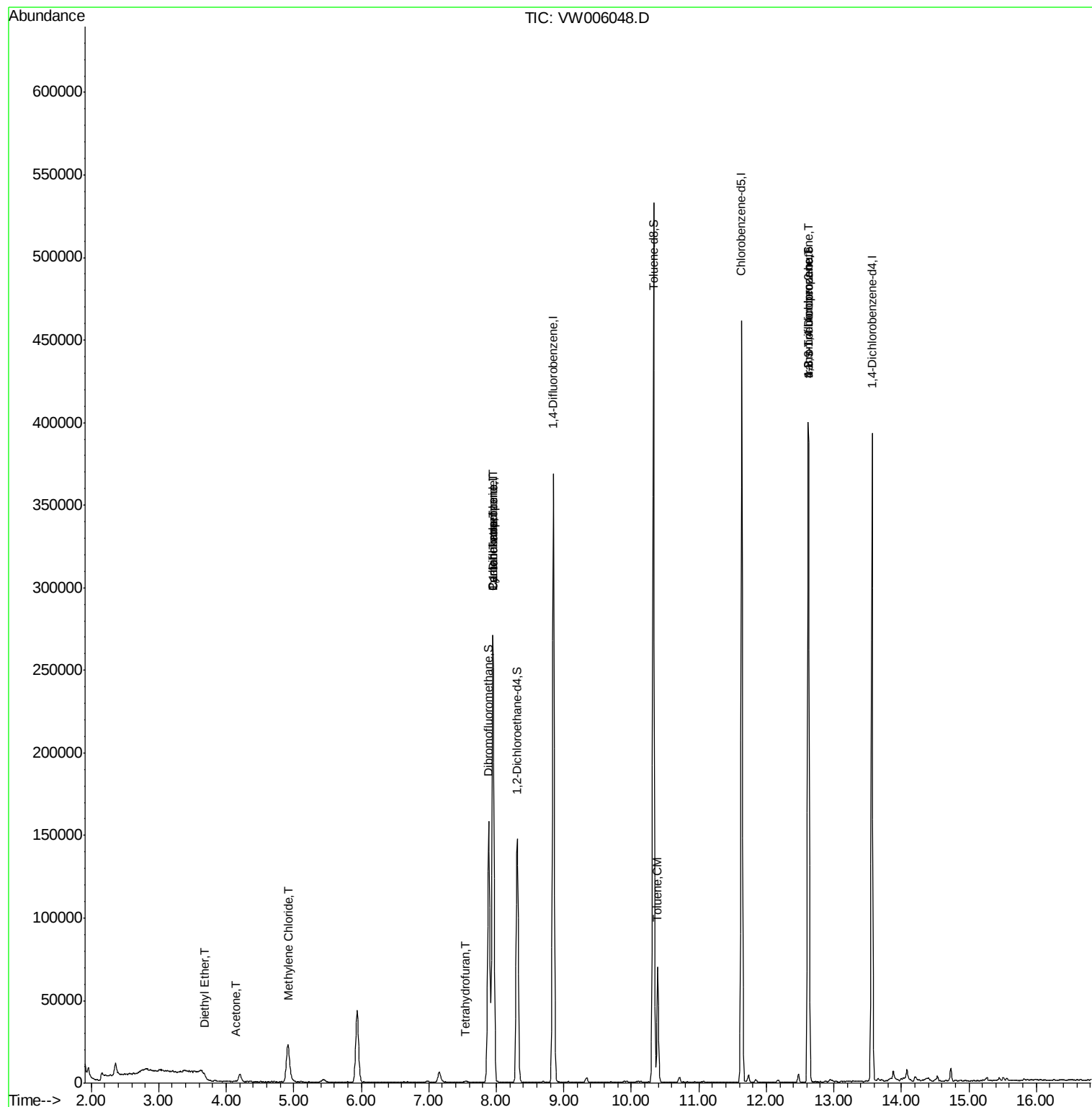
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	110414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113159	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.89	113	110303	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
50) Toluene-d8	10.33	98	360402	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.62	95	123366	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
Target Compounds						
8) Diethyl Ether	3.68	74	1957	2.004	ug/l	70
16) Acetone	4.14	43	807	1.905	ug/l	91
20) Methylene Chloride	4.91	84	19450	9.163	ug/l	91
29) Tetrahydrofuran	7.55	42	428	1.124	ug/l #	52
31) Cyclohexane	7.96	56	4715	1.270	ug/l #	49
36) 1,1-Dichloropropene	7.95	75	14376	4.680	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19431	5.888	ug/l #	16
52) Toluene	10.39	92	29926	5.419	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	63072	63.948	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63072	135.001	ug/l #	11

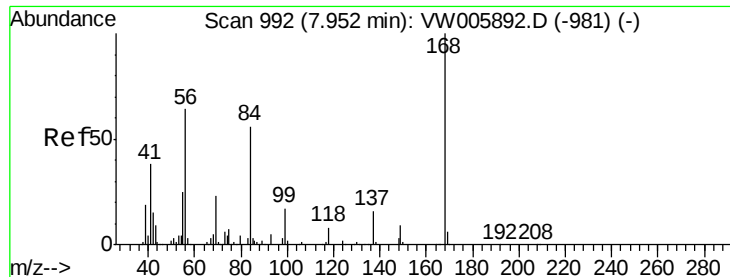
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW006048.D

Acq: 12 Oct 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

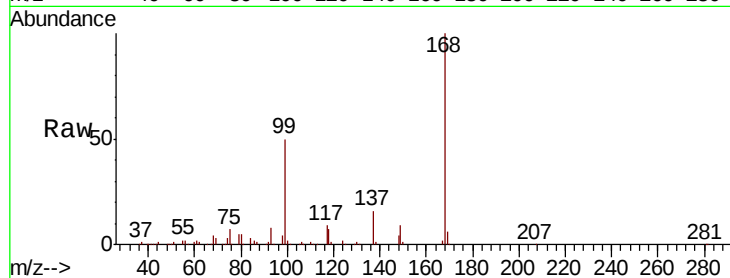
BU-01-101118

Tgt Ion:168 Resp: 218491

Ion Ratio Lower Upper

168 100

99 50.0 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

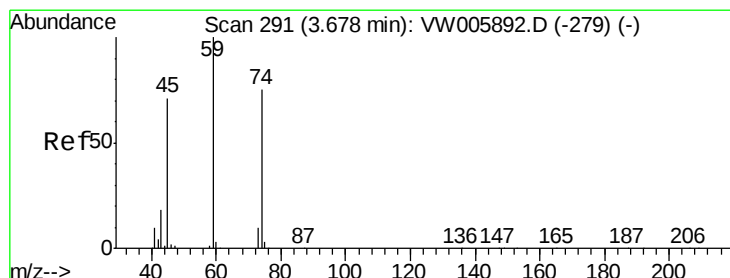
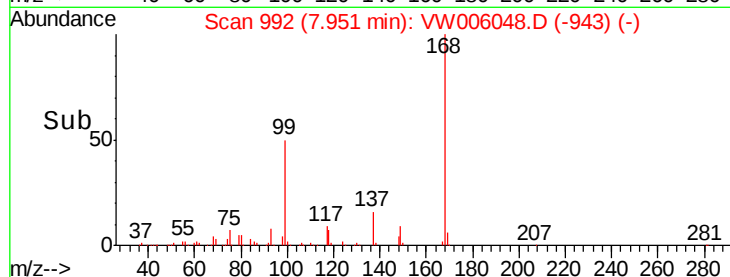
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.004 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW006048.D

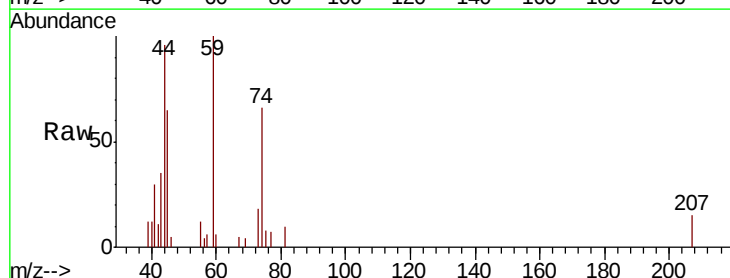
Acq: 12 Oct 2018 14:33

Tgt Ion: 74 Resp: 1957

Ion Ratio Lower Upper

74 100

45 122.5 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

800

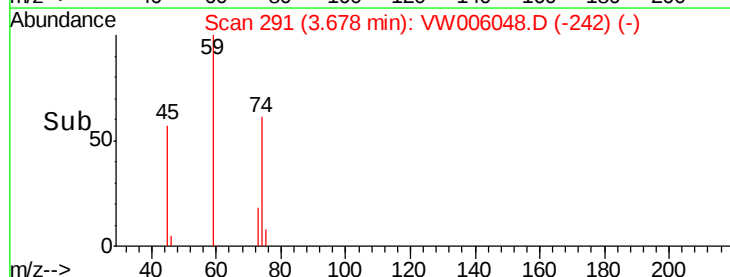
600

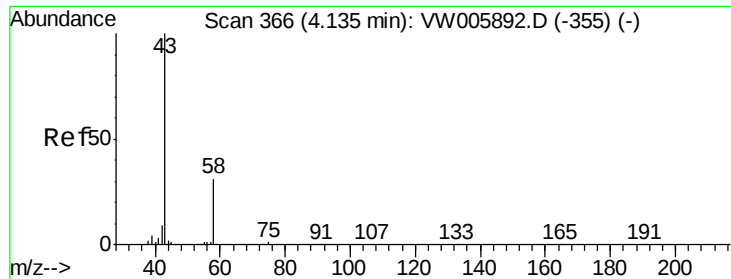
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200

0

Time-->

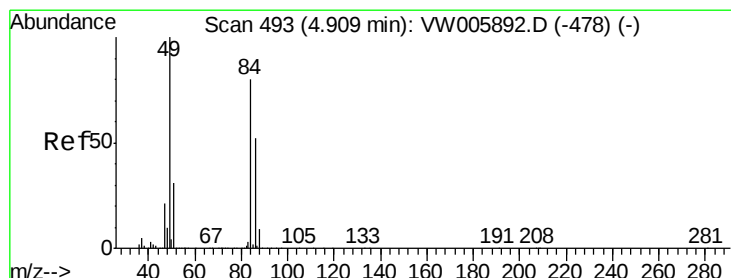
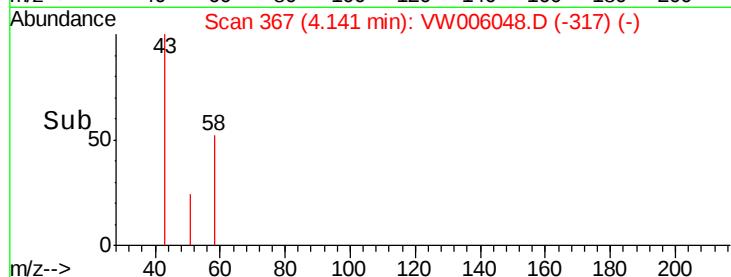
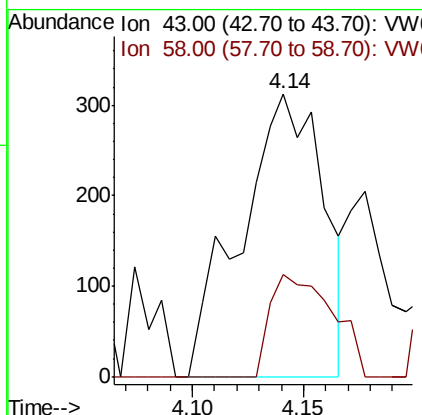
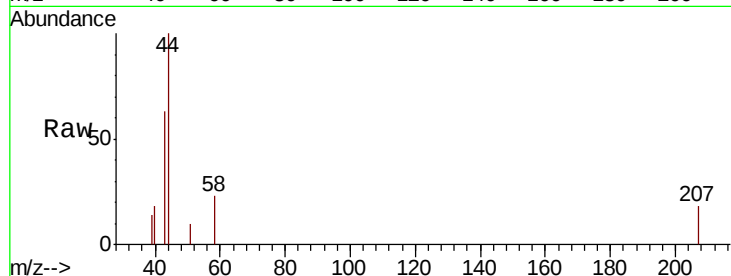




#16
Acetone
Concen: 1.905 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW006048.D
Acq: 12 Oct 2018 14:33

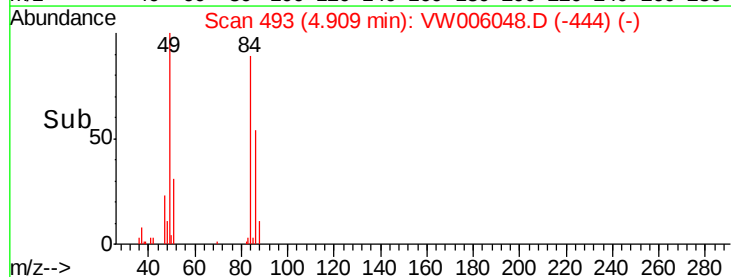
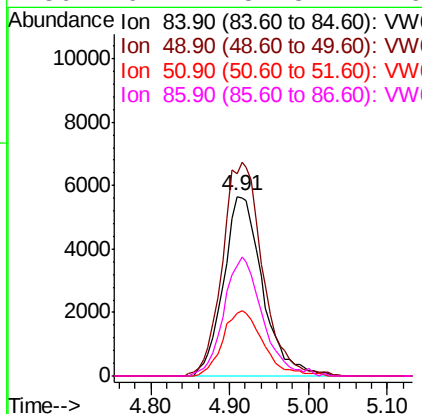
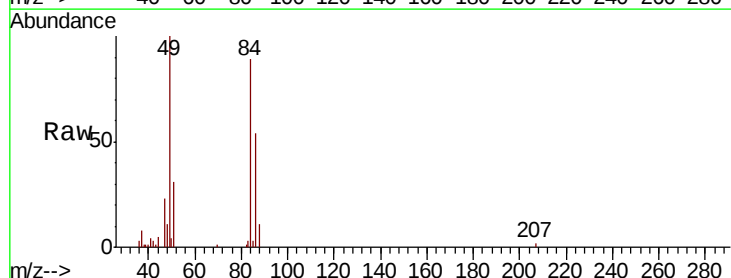
Instrument :
MSVOA_W
ClientSampleId :
BU-01-101118

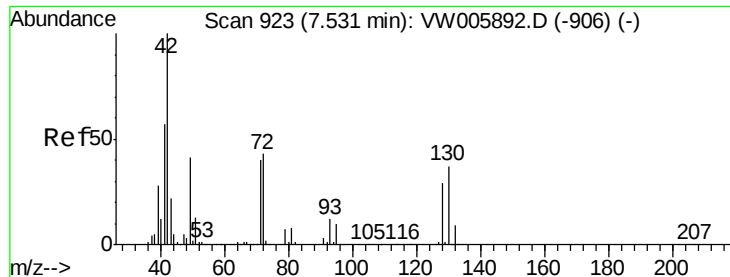
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 36.1 24.7 37.1



#20
Methylene Chloride
Concen: 9.163 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW006048.D
Acq: 12 Oct 2018 14:33

Tgt Ion: 84 Resp: 19450
Ion Ratio Lower Upper
84 100
49 111.7 99.9 149.9
51 34.8 31.1 46.7
86 61.2 51.8 77.6





#29

Tetrahydrofuran

Concen: 1.124 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW006048.D

Acq: 12 Oct 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

BU-01-101118

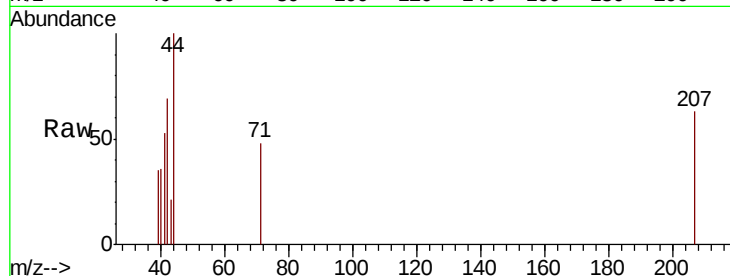
Tgt Ion: 42 Resp: 428

Ion Ratio Lower Upper

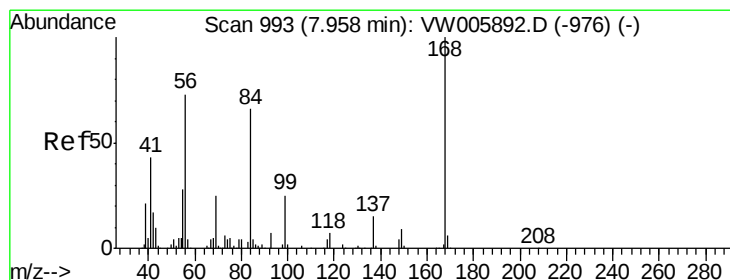
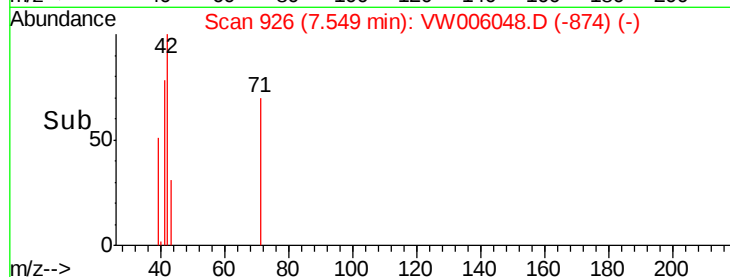
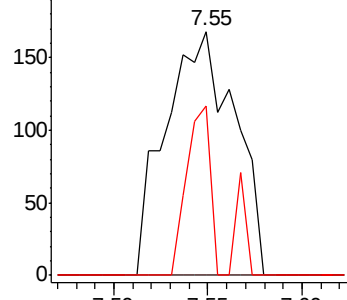
42 100

72 0.0 34.6 51.8#

71 23.8 32.6 49.0#



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: 1.270 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006048.D

Acq: 12 Oct 2018 14:33

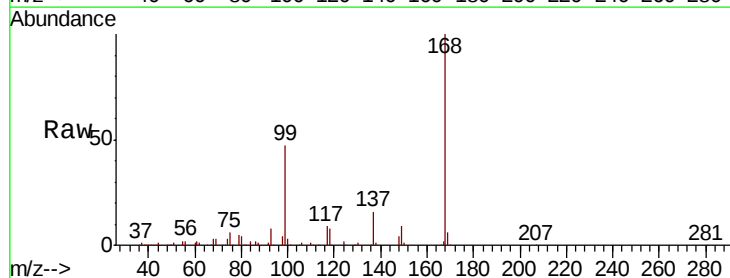
Tgt Ion: 56 Resp: 4715

Ion Ratio Lower Upper

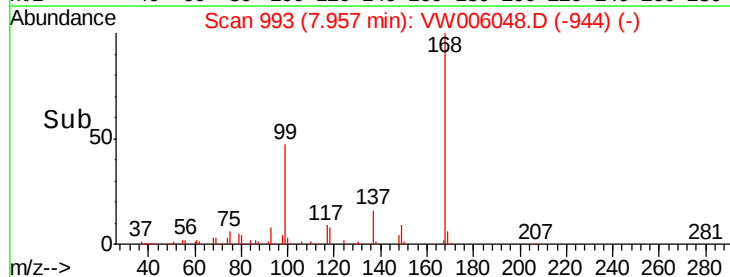
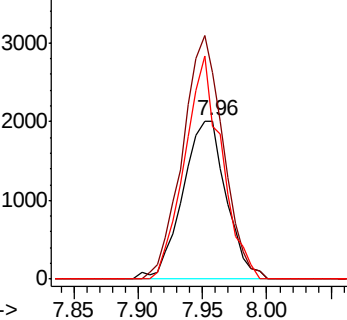
56 100

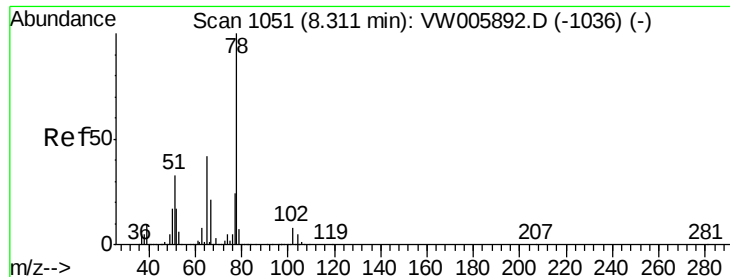
69 131.1 27.9 41.9#

84 96.9 72.3 108.5



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: 53.350 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006048.D

Acq: 12 Oct 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

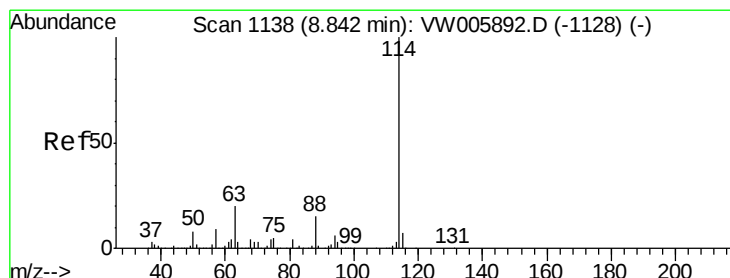
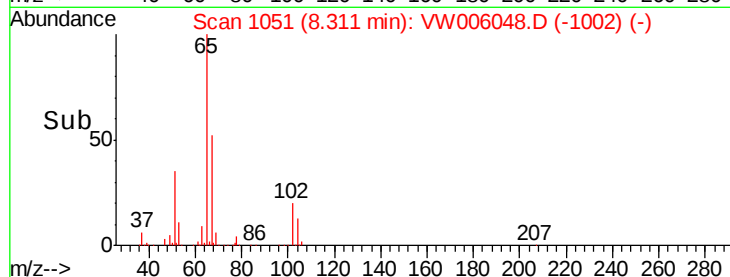
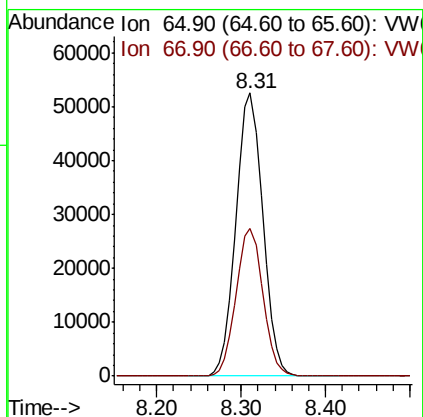
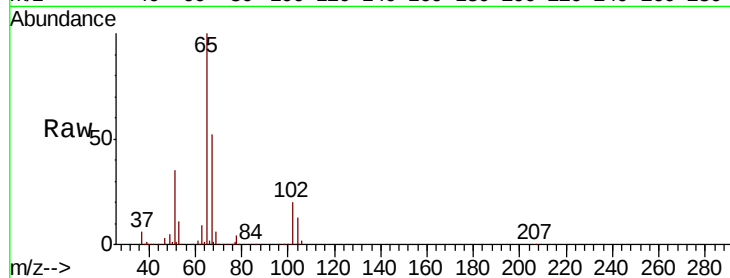
BU-01-101118

Tgt Ion: 65 Resp: 113159

Ion Ratio Lower Upper

65 100

67 52.2 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: VW006048.D

Acq: 12 Oct 2018 14:33

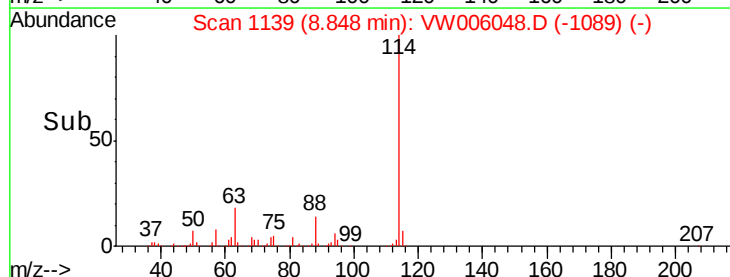
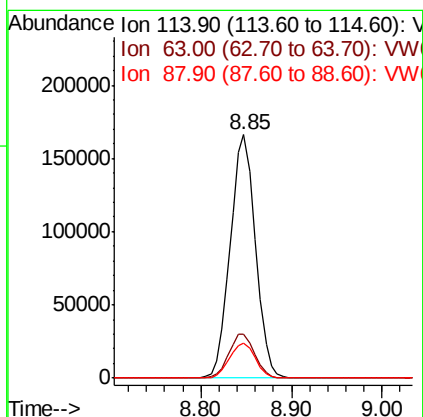
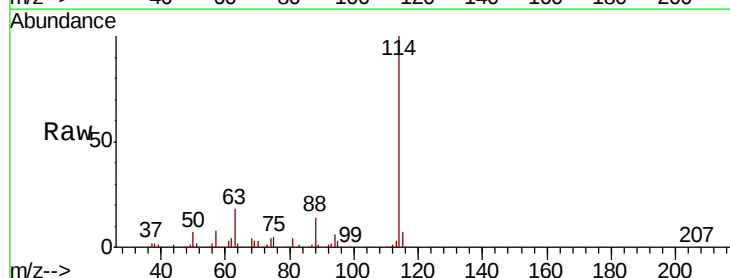
Tgt Ion: 114 Resp: 320550

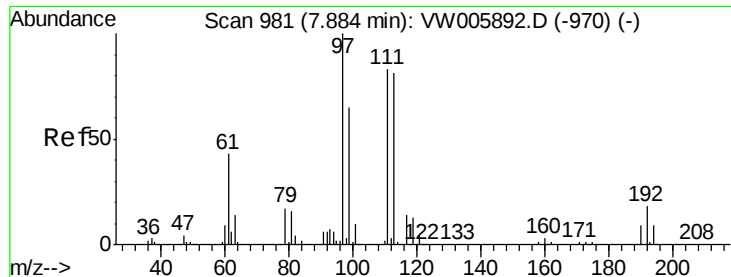
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 14.3 0.0 30.8

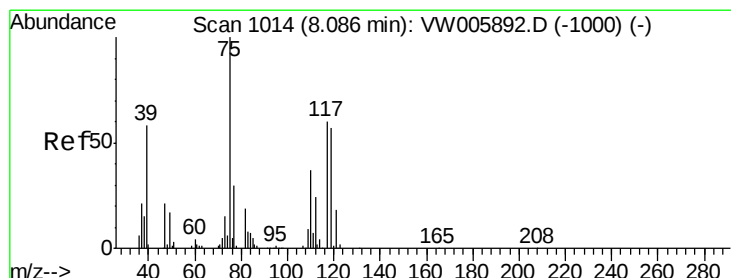
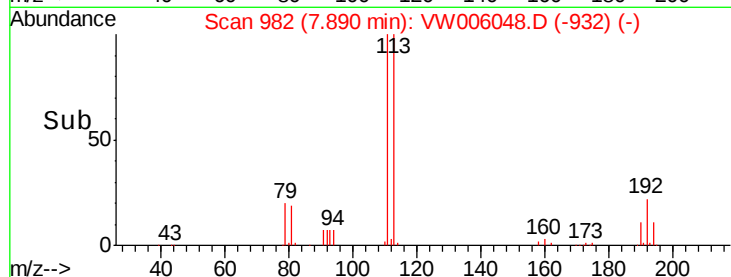
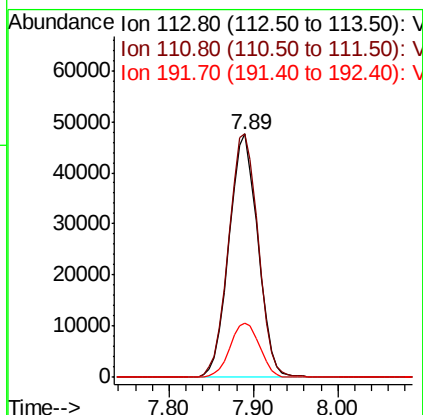
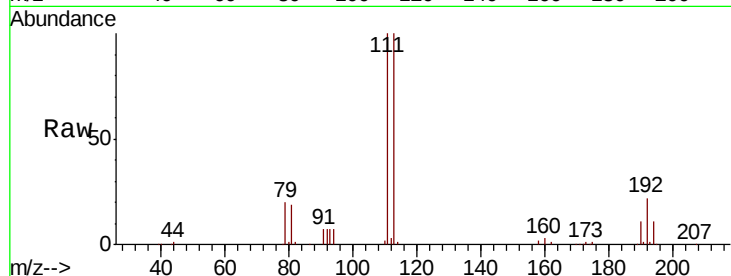




#35
 Dibromofluoromethane
 Concen: 53.896 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006048.D
 Acq: 12 Oct 2018 14:33

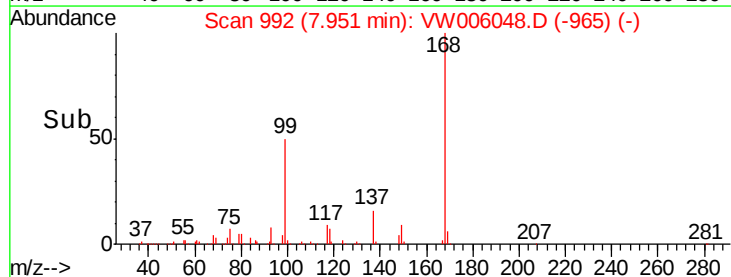
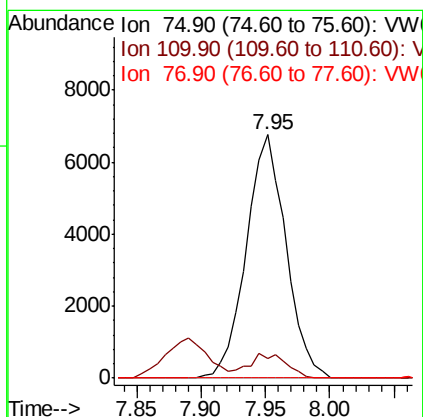
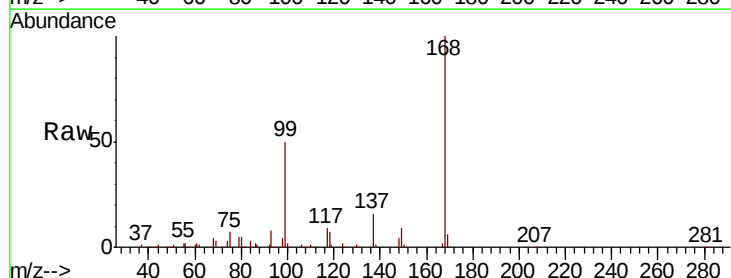
Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-101118

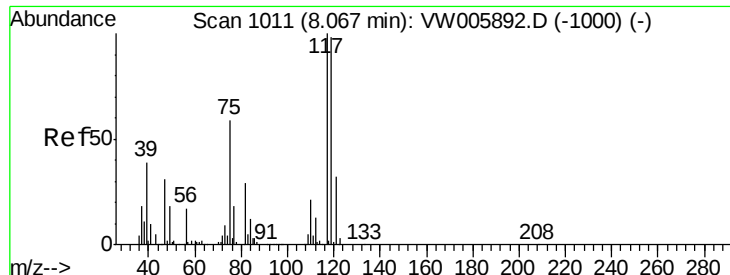
Tgt Ion:113 Resp: 110303
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 22.9 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.680 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006048.D
 Acq: 12 Oct 2018 14:33

Tgt Ion: 75 Resp: 14376
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.6 56.0#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.888 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006048.D

Acq: 12 Oct 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

BU-01-101118

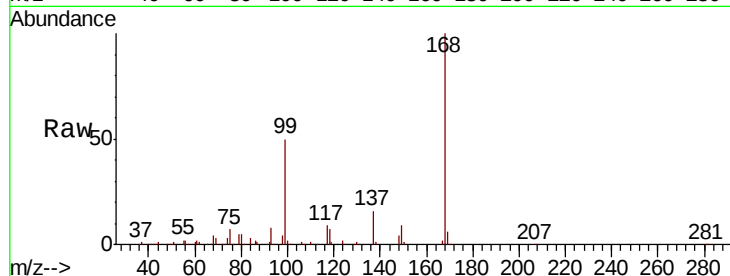
Tgt Ion:117 Resp: 19431

Ion Ratio Lower Upper

117 100

119 6.7 78.6 117.8#

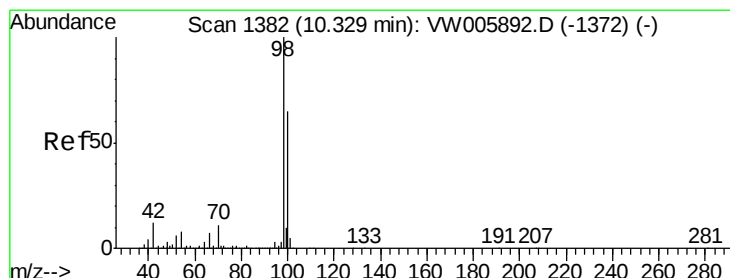
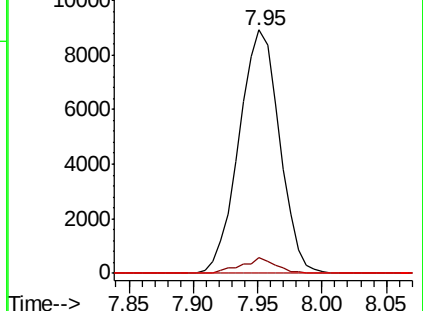
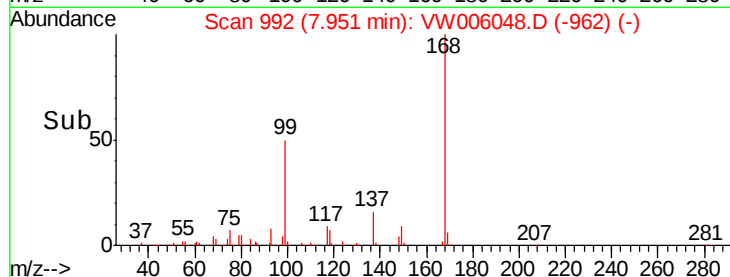
121 0.0 25.3 37.9#



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



#50

Toluene-d8

Concen: 45.771 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006048.D

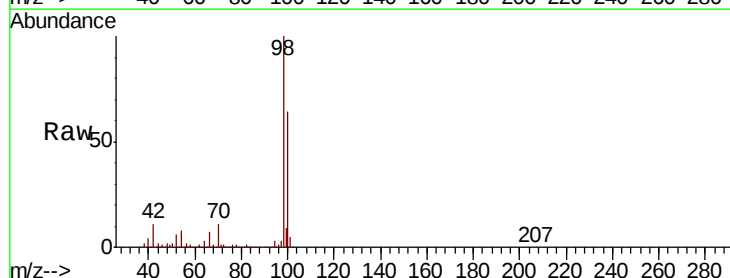
Acq: 12 Oct 2018 14:33

Tgt Ion: 98 Resp: 360402

Ion Ratio Lower Upper

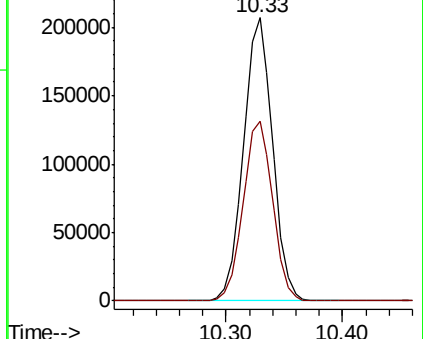
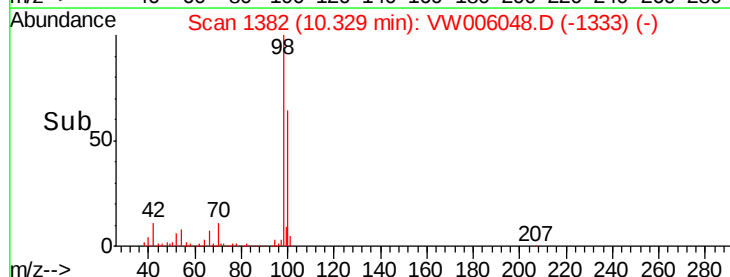
98 100

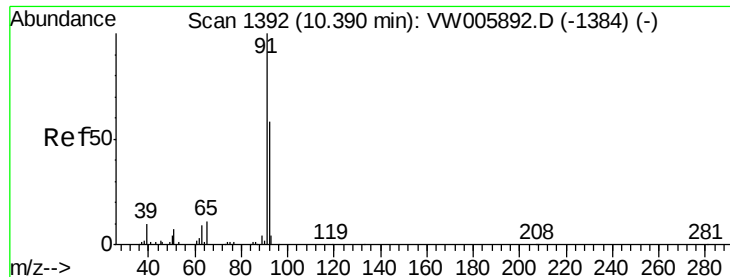
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 5.419 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006048.D

Acq: 12 Oct 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

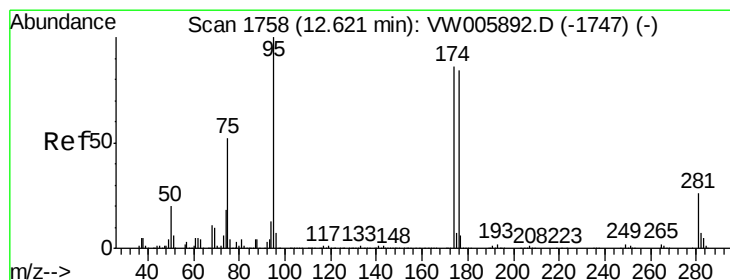
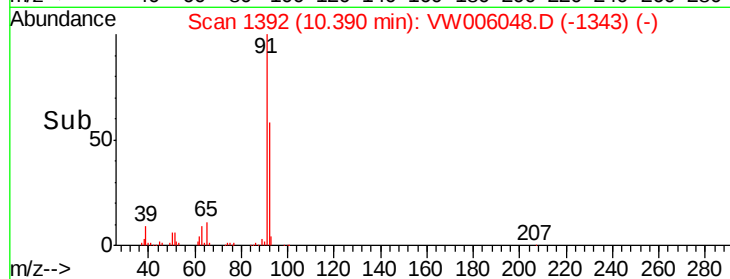
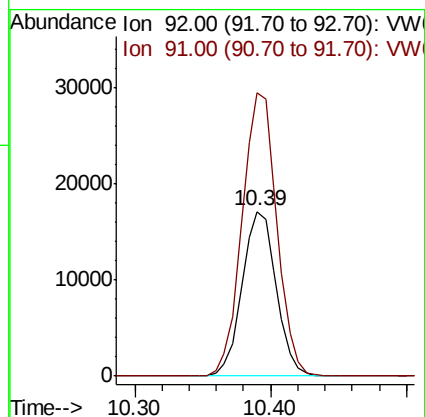
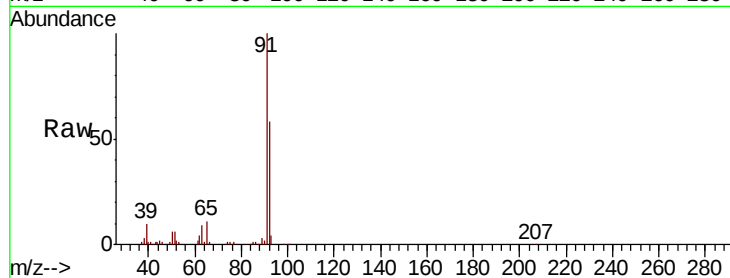
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Tgt Ion: 92 Resp: 29926

Ion Ratio Lower Upper

92 100

91 175.0 138.2 207.4



#62

4-Bromofluorobenzene

Concen: 41.180 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006048.D

Acq: 12 Oct 2018 14:33

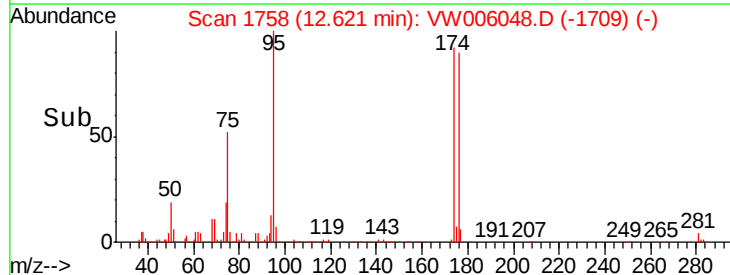
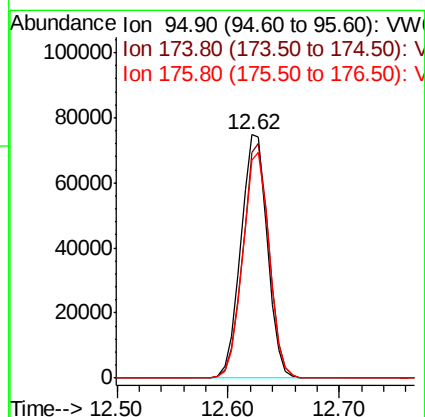
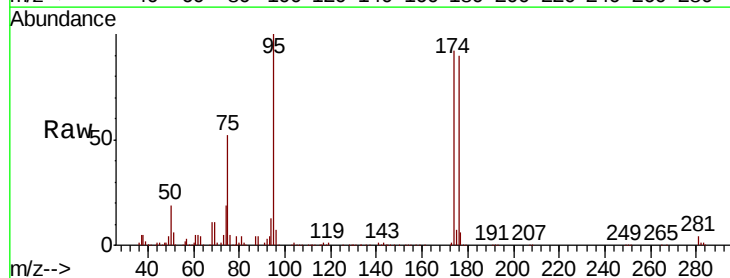
Tgt Ion: 95 Resp: 123366

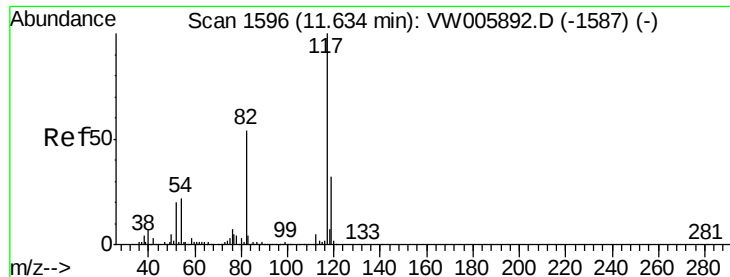
Ion Ratio Lower Upper

95 100

174 94.9 0.0 176.4

176 92.2 0.0 173.0

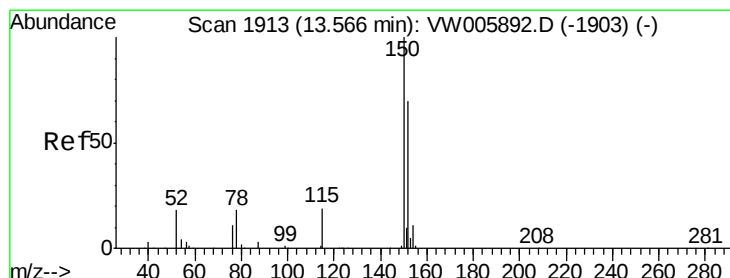
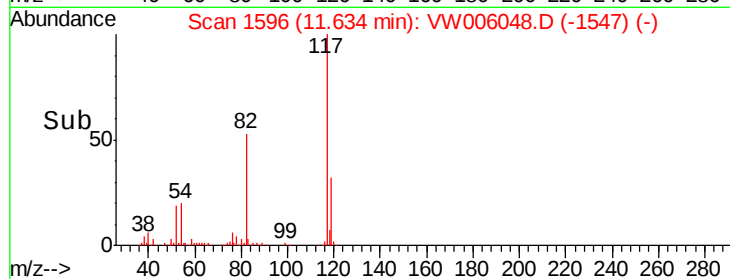
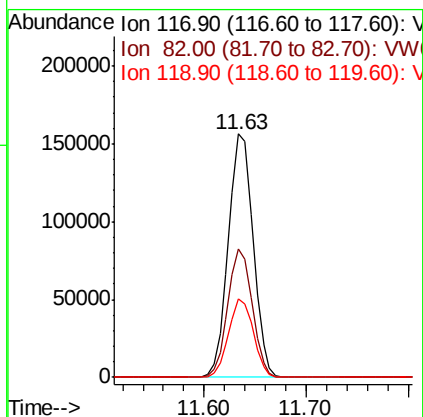
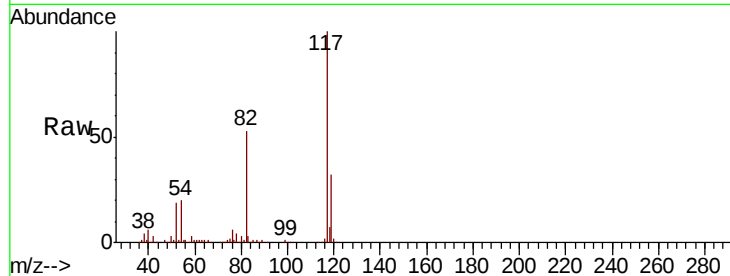




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006048.D
Acq: 12 Oct 2018 14:33

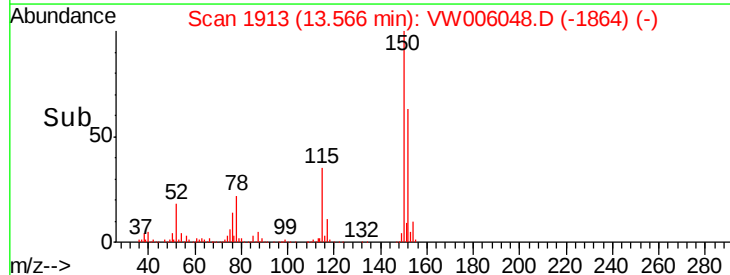
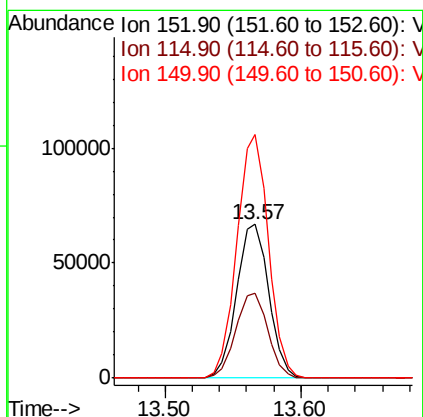
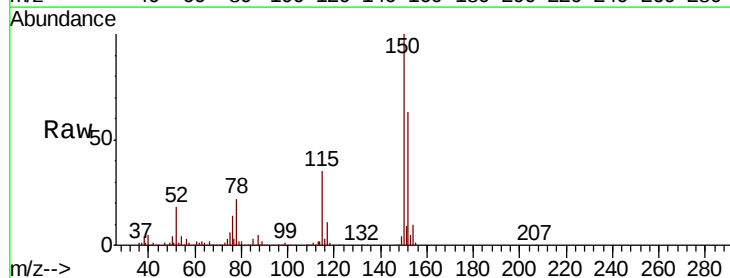
Instrument :
MSVOA_W
ClientSampleId :
BU-01-101118

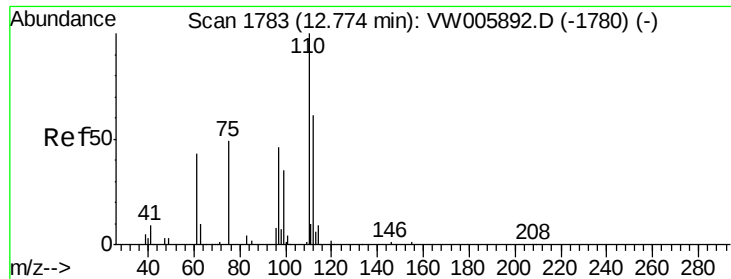
Tgt Ion:117 Resp: 262797
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006048.D
Acq: 12 Oct 2018 14:33

Tgt Ion:152 Resp: 110414
Ion Ratio Lower Upper
152 100
115 55.1 28.3 85.0
150 155.0 0.0 349.2

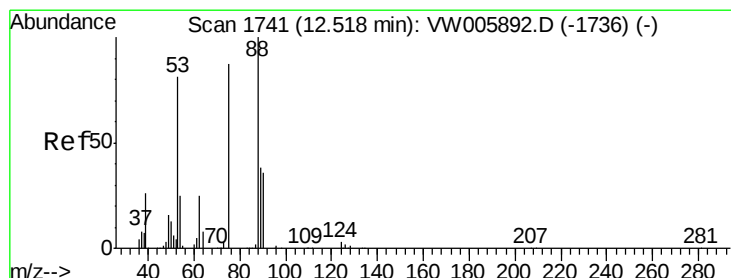
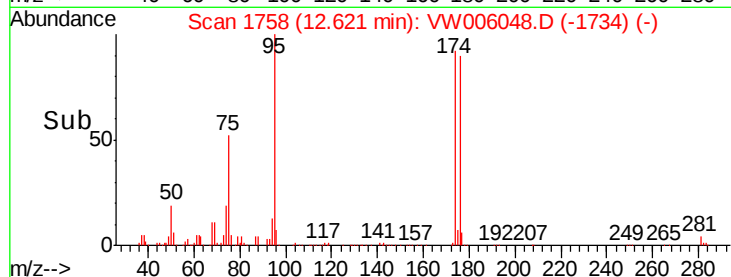
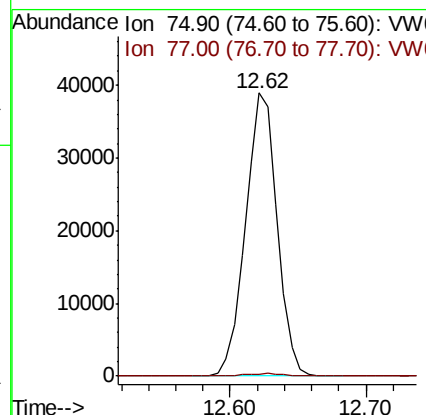
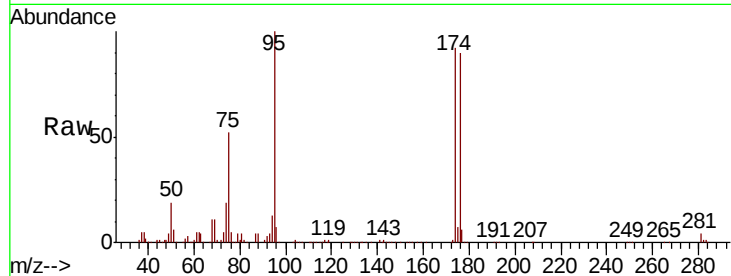




#76
 1,2,3-Trichloropropane
 Concen: 63.948 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006048.D
 Acq: 12 Oct 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-101118

Tgt Ion: 75 Resp: 63072
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.001 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006048.D
 Acq: 12 Oct 2018 14:33

Tgt Ion: 75 Resp: 63072
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.0 37.6 56.4#

