

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006130.D
 Acq On : 17 Oct 2018 16:53
 Operator : VA/AP
 Sample : J5516-01RE
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1011-S-DH-32RE

Quant Time: Oct 18 17:19:02 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

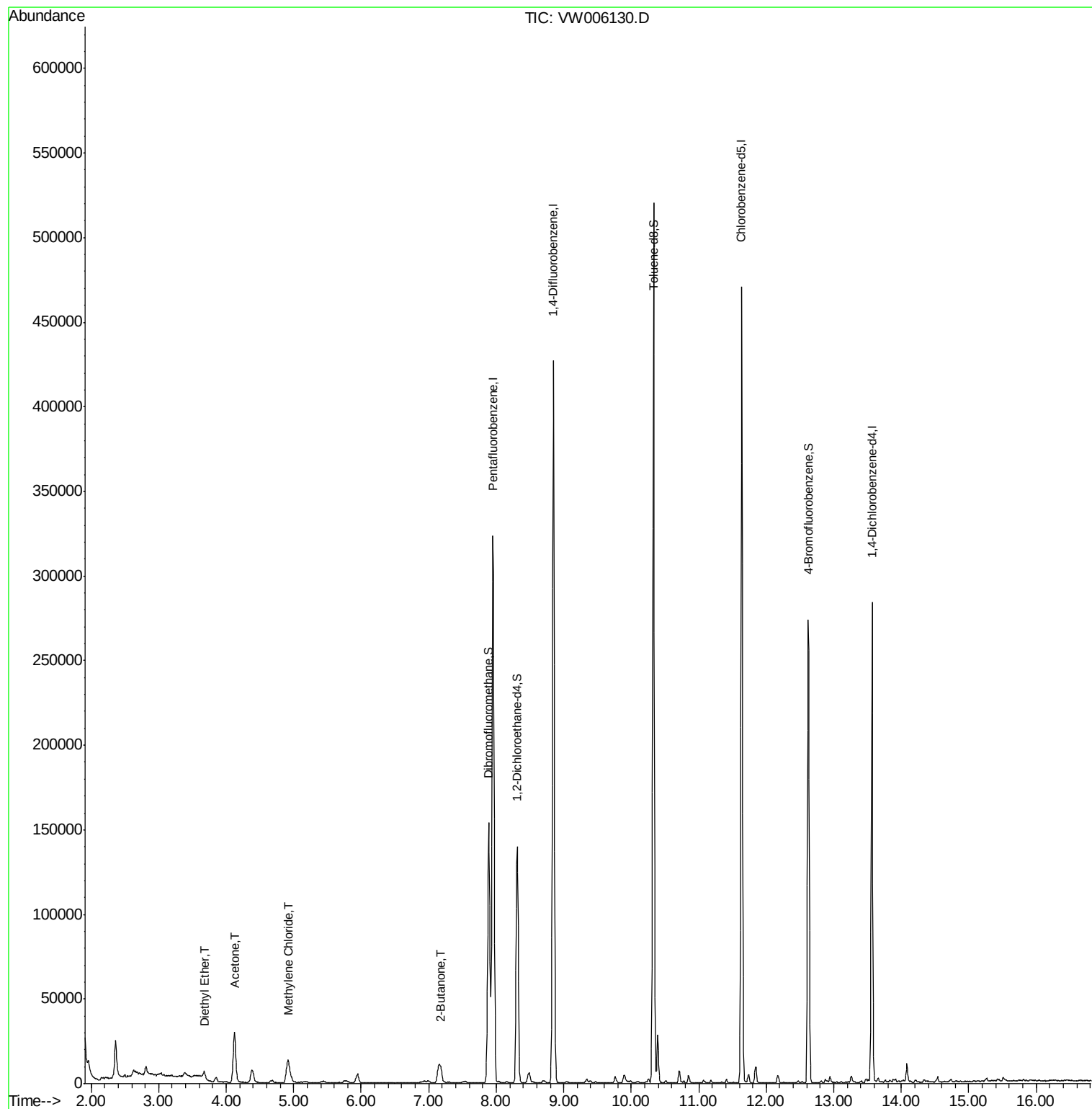
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	371242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110148	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.89	113	107864	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	10.33	98	348600	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
62) 4-Bromofluorobenzene	12.62	95	81088	25.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.74%	
Target Compounds						
8) Diethyl Ether	3.68	74	1903	1.619	ug/l	85
16) Acetone	4.12	43	50368	116.190	ug/l	100
20) Methylene Chloride	4.92	84	11027	3.297	ug/l	96
25) 2-Butanone	7.18	43	10888	18.632	ug/l	89

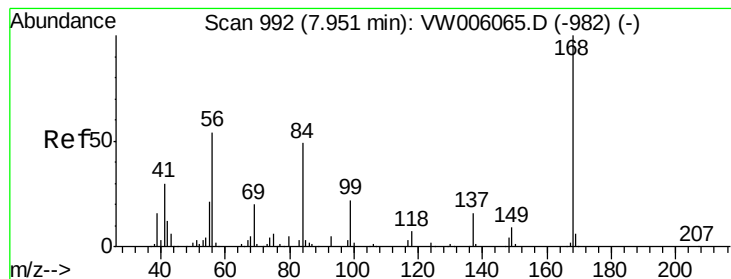
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 17:19:02 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: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006130.D

Acq: 17 Oct 2018 16:53

Instrument :

MSVOA_W

ClientSampleId :

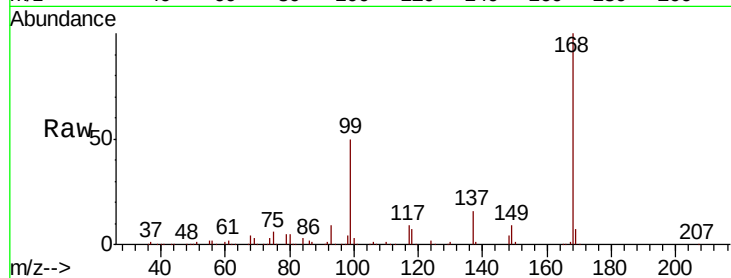
SSSI-1011-S-DH-32RE

Tot Ion:168 Resp: 260917

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

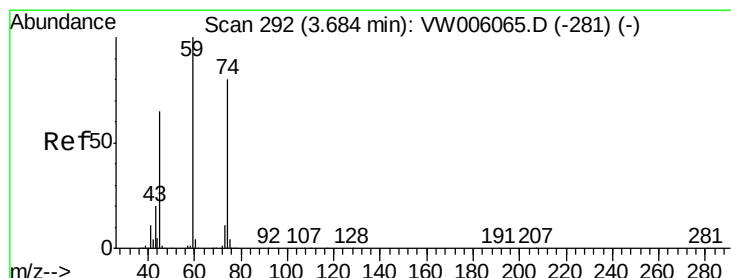
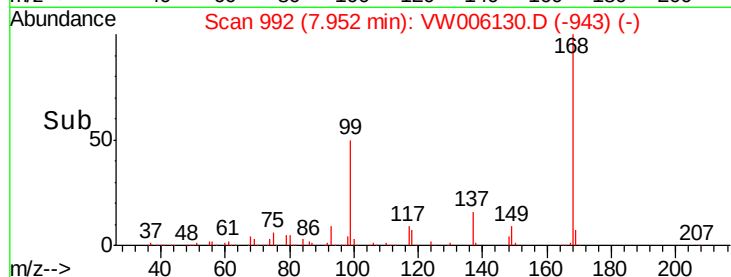
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.619 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006130.D

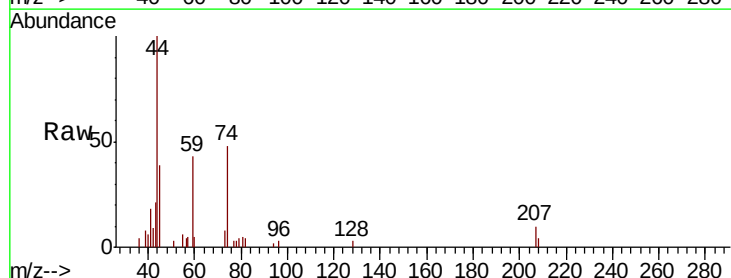
Acq: 17 Oct 2018 16:53

Tgt Ion: 74 Resp: 1903

Ion Ratio Lower Upper

74 100

45 98.8 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

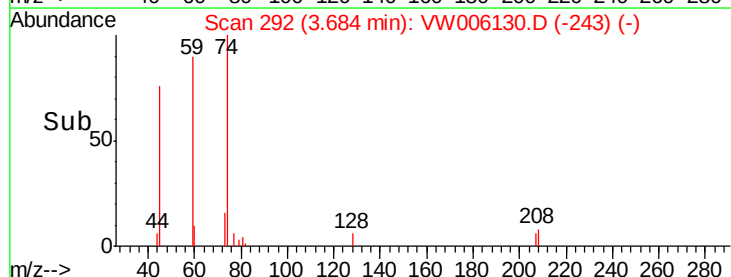
600

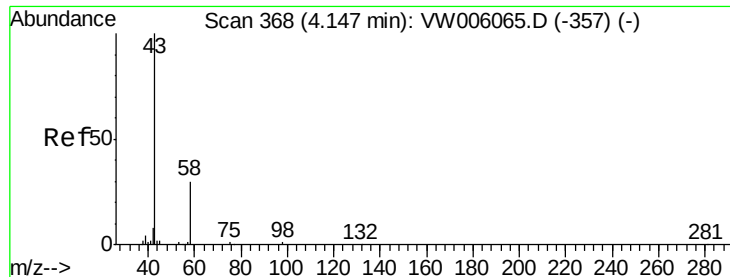
400

200

0

Time-->

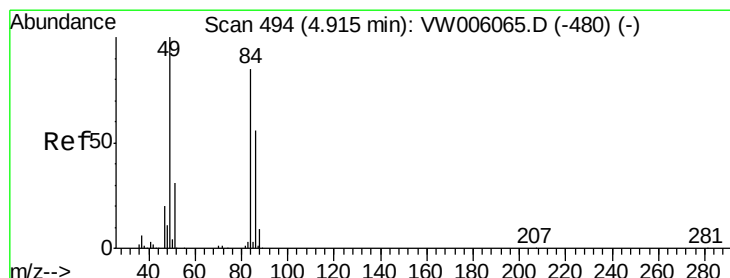
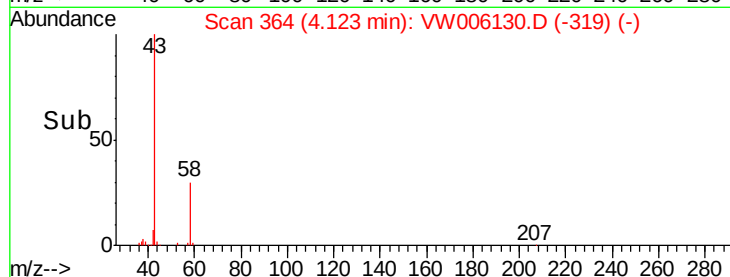
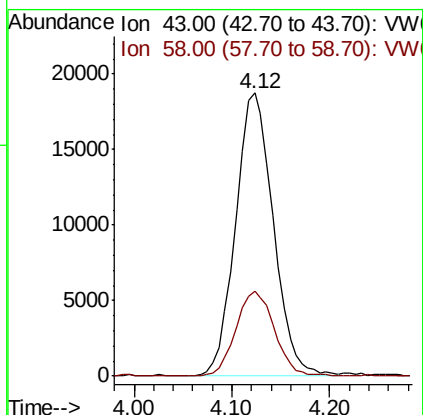
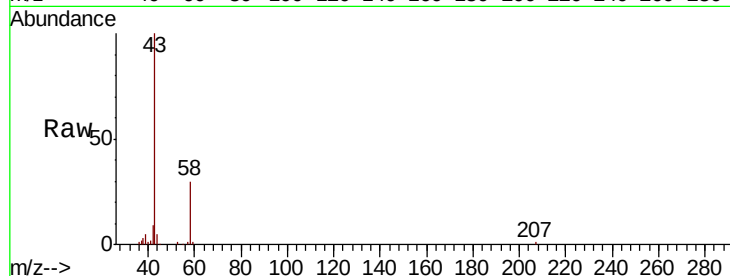




#16
Acetone
Concen: 116.190 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW006130.D
Acq: 17 Oct 2018 16:53

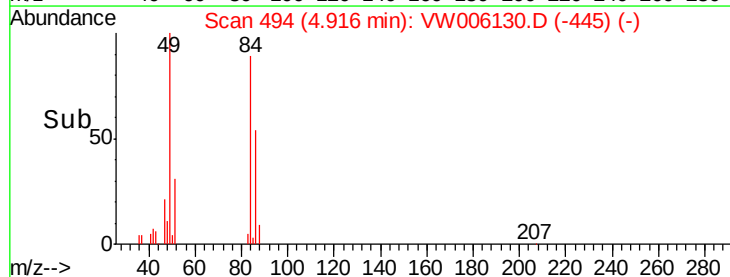
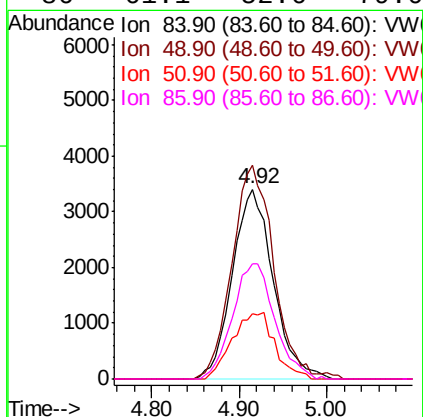
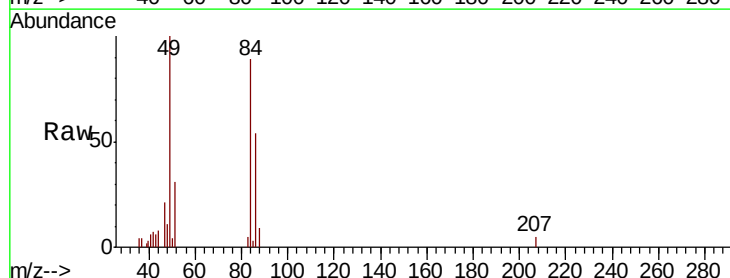
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1011-S-DH-32RE

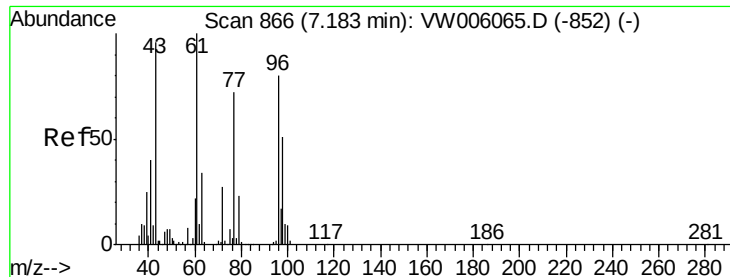
Tot Ion: 43 Resp: 50368
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0



#20
Methylene Chloride
Concen: 3.297 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006130.D
Acq: 17 Oct 2018 16:53

Tgt Ion: 84 Resp: 11027
Ion Ratio Lower Upper
84 100
49 112.7 93.6 140.4
51 34.6 29.0 43.4
86 61.1 52.6 79.0





#25

2-Butanone

Concen: 18.632 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006130.D

Acq: 17 Oct 2018 16:53

Instrument :

MSVOA_W

ClientSampleId :

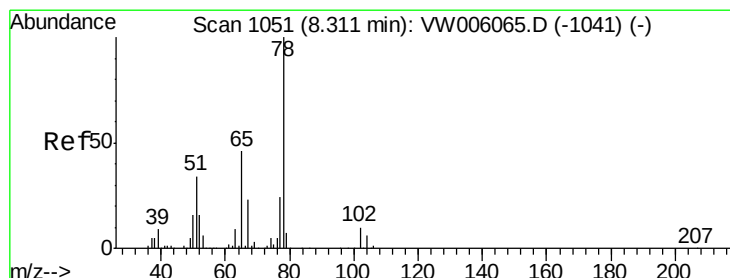
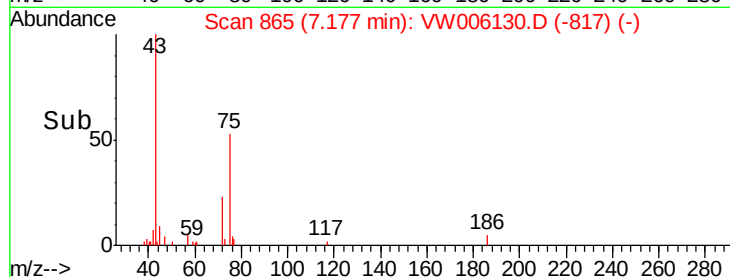
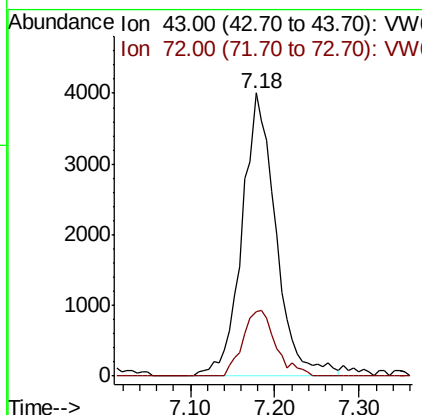
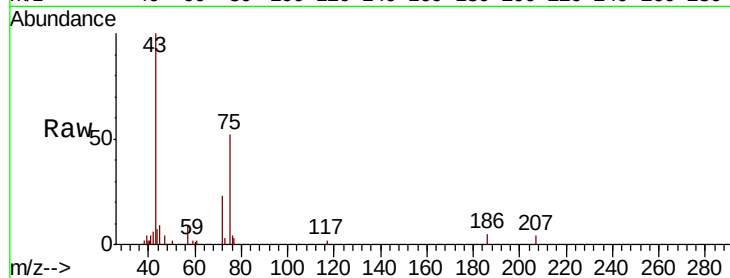
SSSI-1011-S-DH-32RE

Tot Ion: 43 Resp: 10888

Ion Ratio Lower Upper

43 100

72 22.9 22.8 34.2



#33

1,2-Dichloroethane-d4

Concen: 50.920 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006130.D

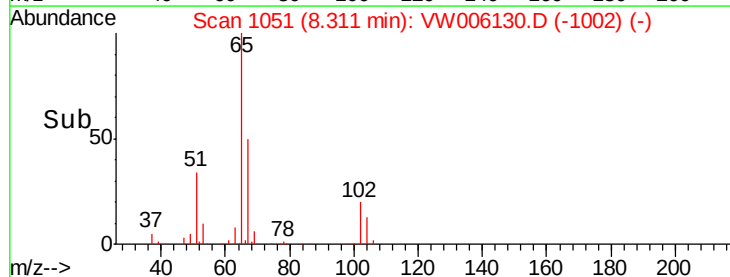
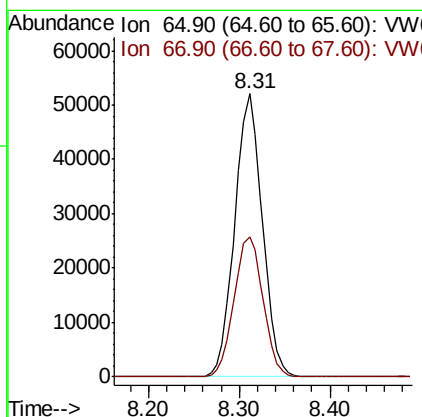
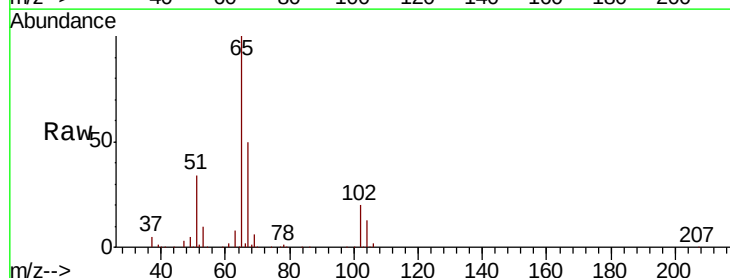
Acq: 17 Oct 2018 16:53

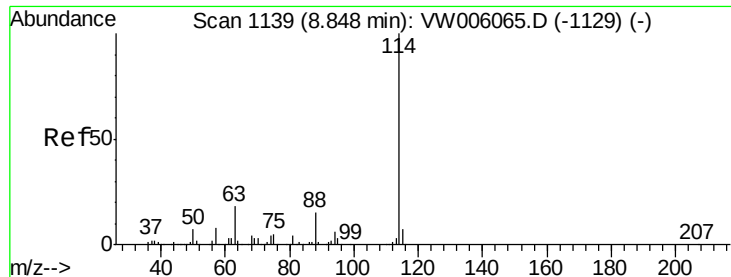
Tgt Ion: 65 Resp: 110148

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.0

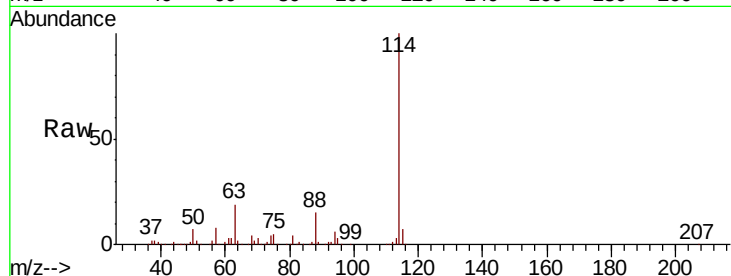




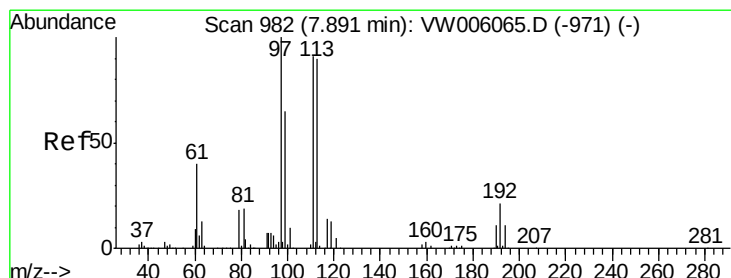
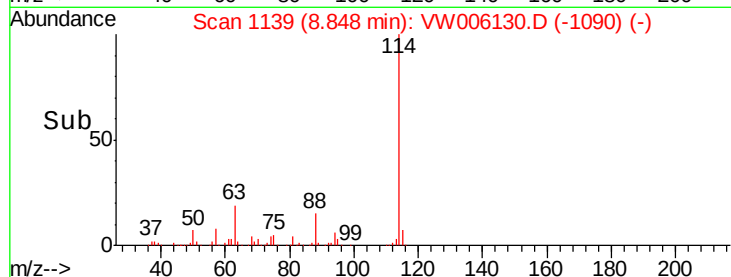
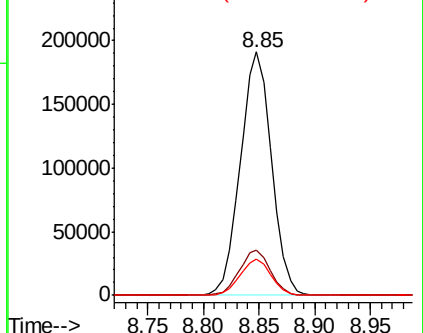
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006130.D
 Acq: 17 Oct 2018 16:53

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1011-S-DH-32RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.8
88	14.9	0.0	29.0

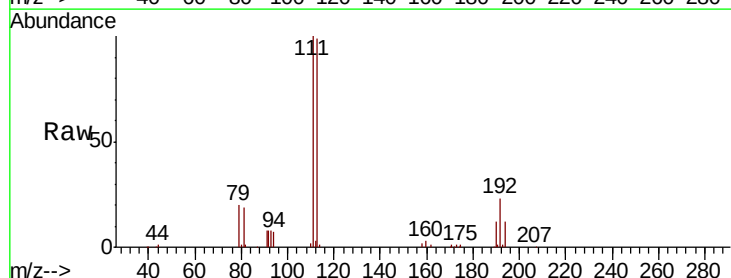


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

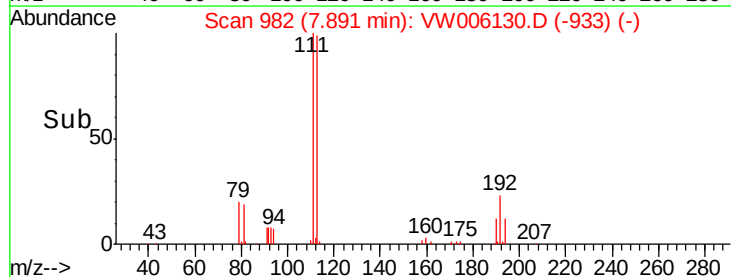
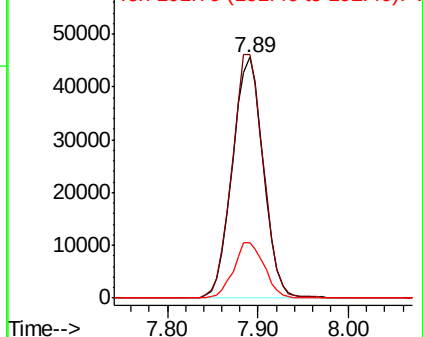


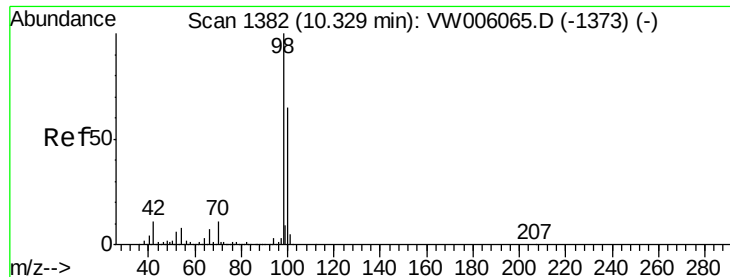
#35
 Dibromofluoromethane
 Concen: 49.171 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006130.D
 Acq: 17 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	22.9	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





#50

Toluene-d8

Concen: 41.770 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006130.D

Acq: 17 Oct 2018 16:53

Instrument :

MSVOA_W

ClientSampleId :

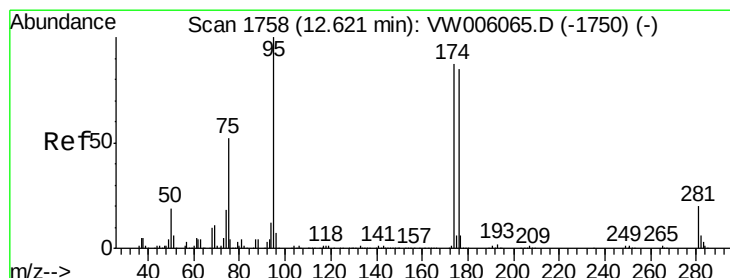
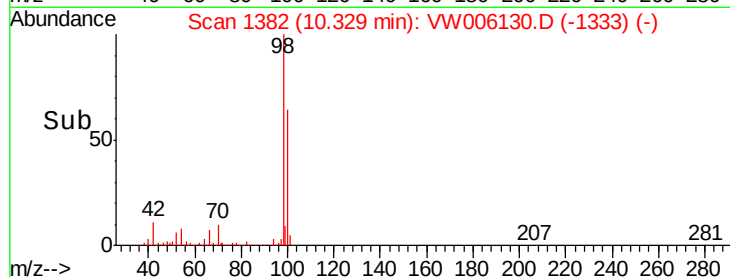
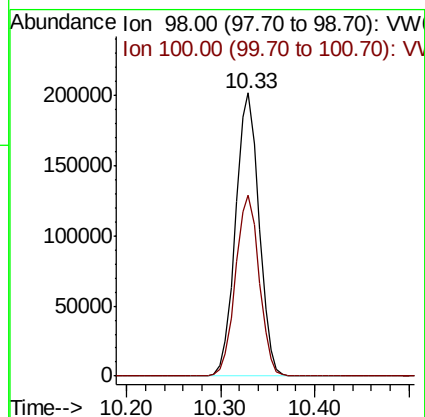
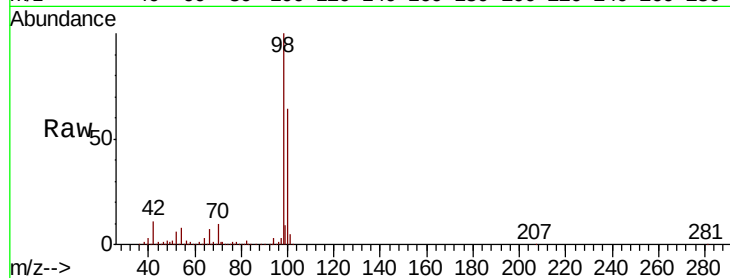
SSSI-1011-S-DH-32RE

Tot Ion: 98 Resp: 348600

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 25.869 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006130.D

Acq: 17 Oct 2018 16:53

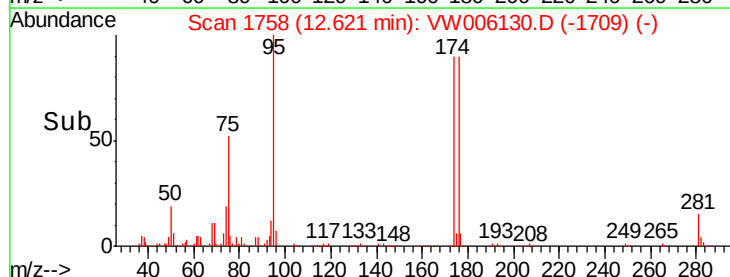
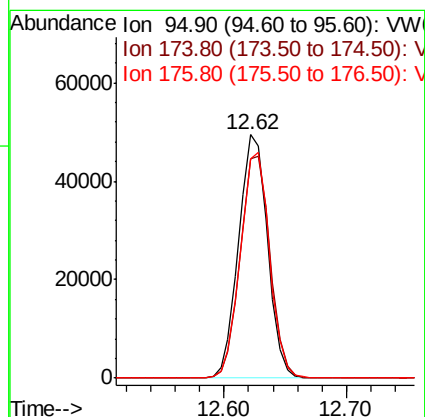
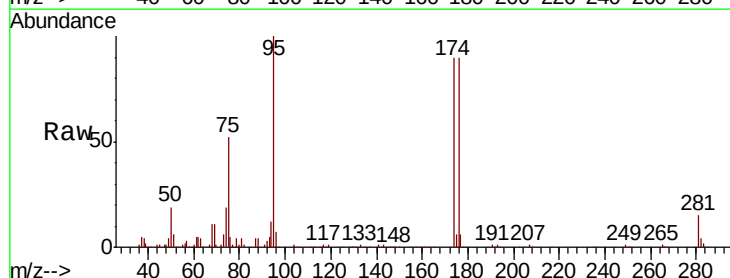
Tgt Ion: 95 Resp: 81088

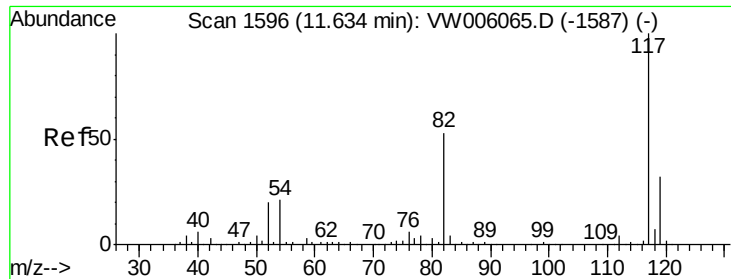
Ion Ratio Lower Upper

95 100

174 93.7 0.0 186.0

176 93.2 0.0 181.6

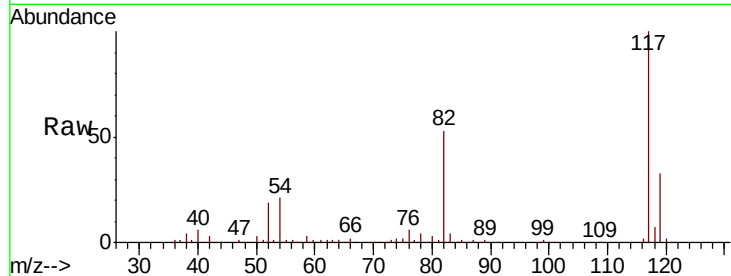




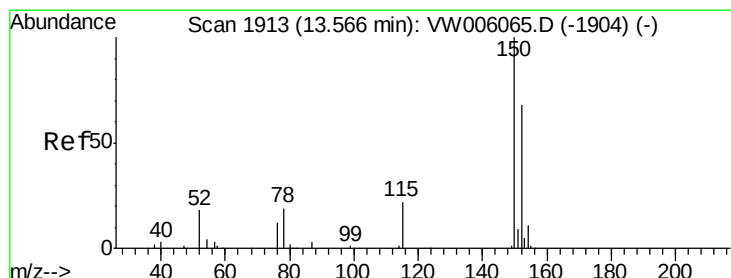
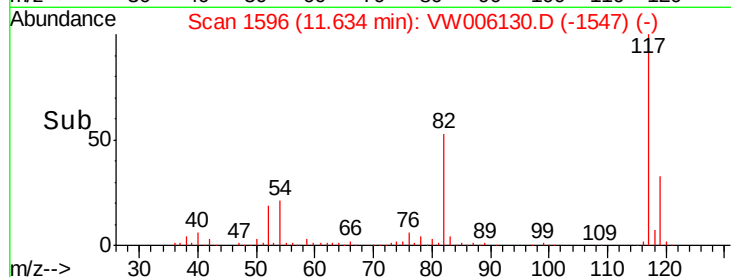
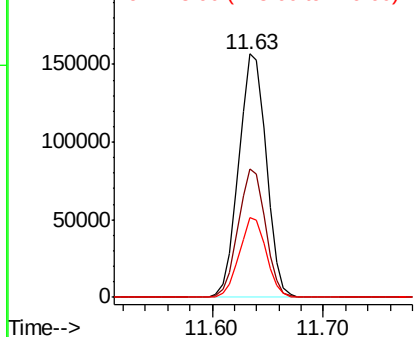
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006130.D
Acq: 17 Oct 2018 16:53

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1011-S-DH-32RE

Tot Ion:117 Resp: 268739
Ion Ratio Lower Upper
117 100
82 53.0 42.1 63.1
119 32.7 25.8 38.6

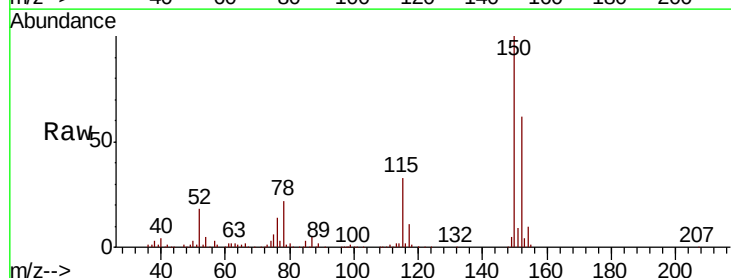


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006130.D
Acq: 17 Oct 2018 16:53

Tgt Ion:152 Resp: 77920
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 157.3 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

