

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006081.D
 Acq On : 16 Oct 2018 16:18
 Operator : VA/AP
 Sample : J5526-03
 Misc : 8.09G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-3

Quant Time: Oct 16 18:07:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

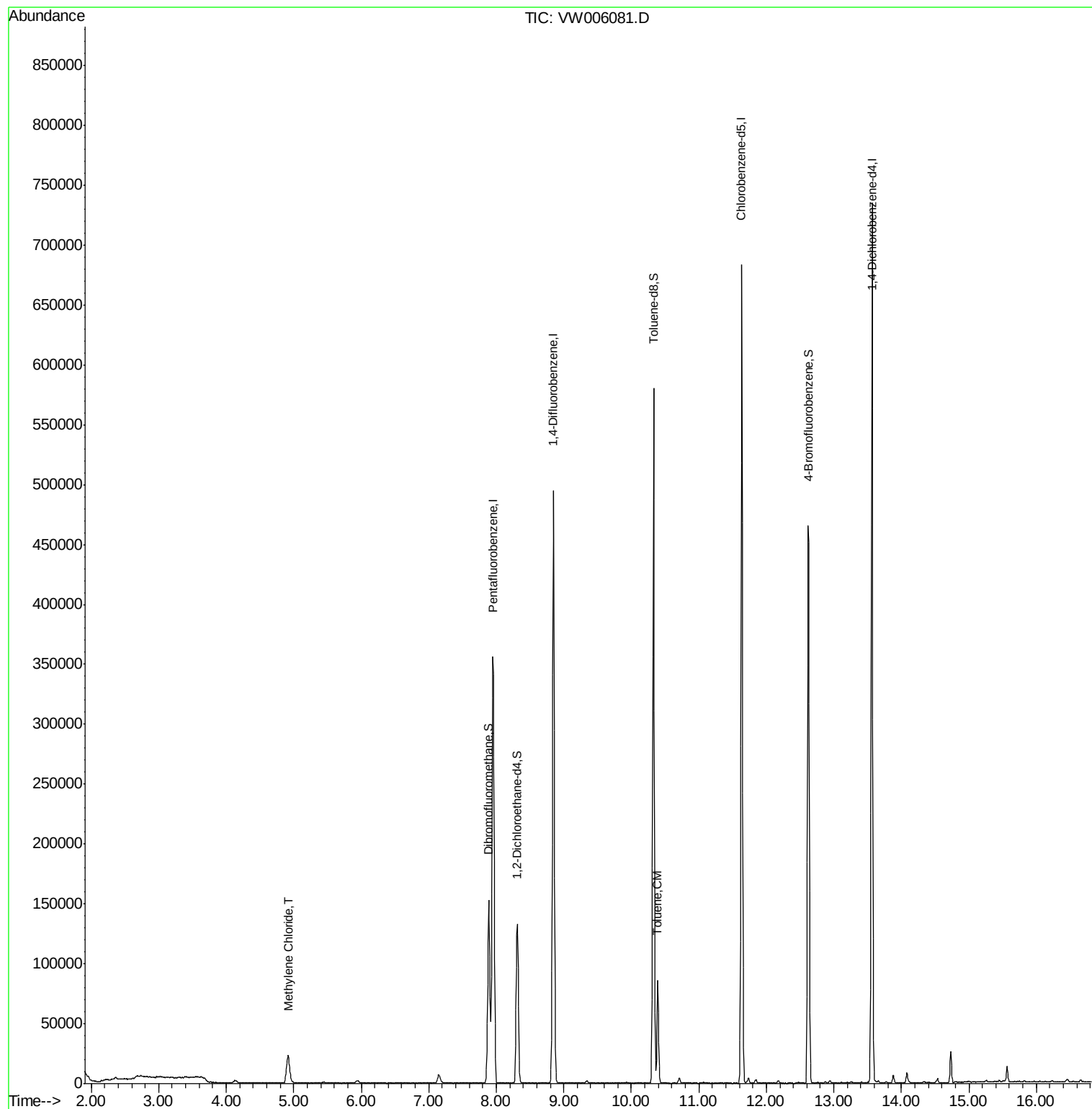
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	431858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	392744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105226	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.90%	
35) Dibromofluoromethane	7.89	113	104968	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
50) Toluene-d8	10.33	98	389299	40.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.20%	
62) 4-Bromofluorobenzene	12.62	95	141714	38.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.72%	
Target Compounds						
20) Methylene Chloride	4.92	84	19523	6.103	ug/l	98
52) Toluene	10.39	92	36113	4.933	ug/l	99

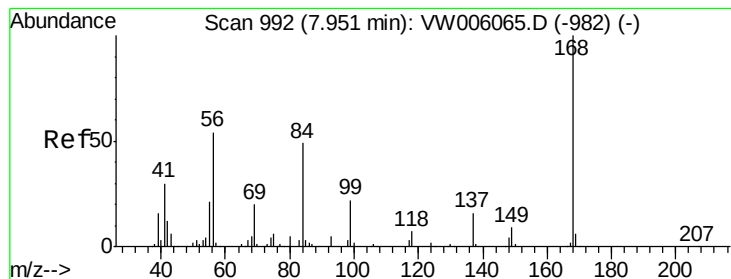
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
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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: VW006081.D

Acq: 16 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

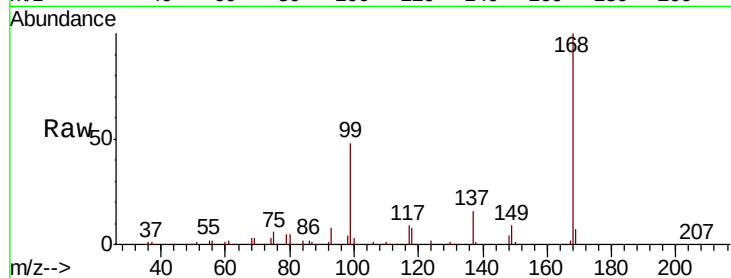
SUP-4B-G-101518-3

Tot Ion:168 Resp: 295487

Ion Ratio Lower Upper

168 100

99 48.0 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

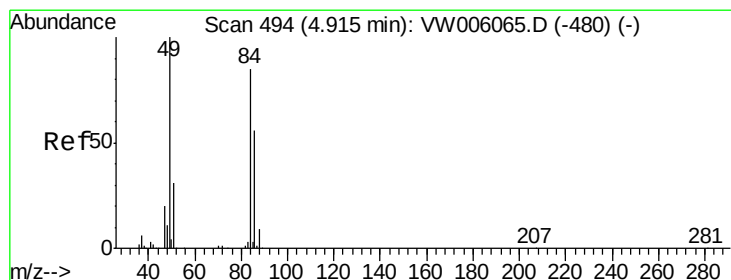
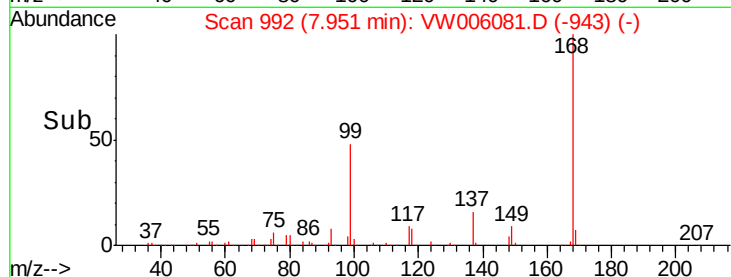
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.103 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006081.D

Acq: 16 Oct 2018 16:18

Tgt Ion: 84 Resp: 19523

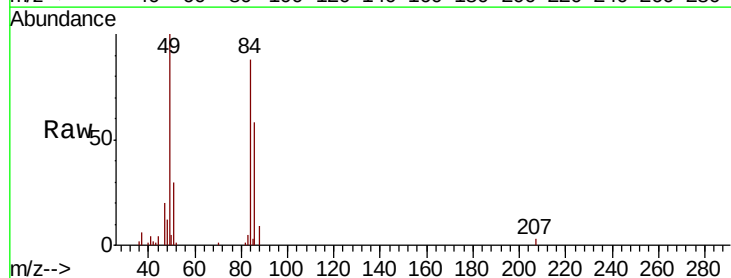
Ion Ratio Lower Upper

84 100

49 113.9 93.6 140.4

51 33.9 29.0 43.4

86 65.9 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

4.92

10000

8000

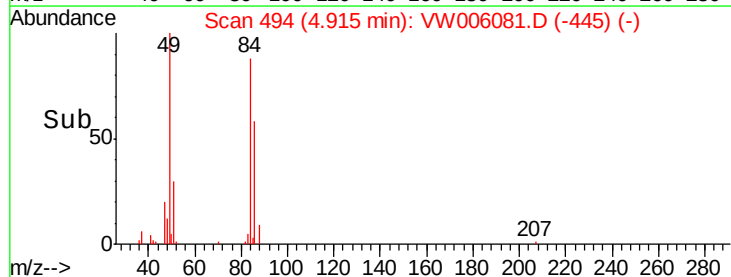
6000

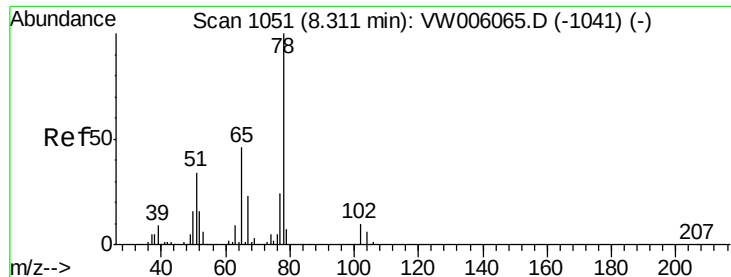
4000

2000

0

Time--> 4.80 4.90 5.00

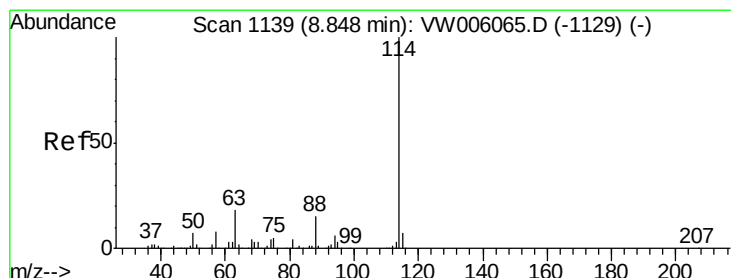
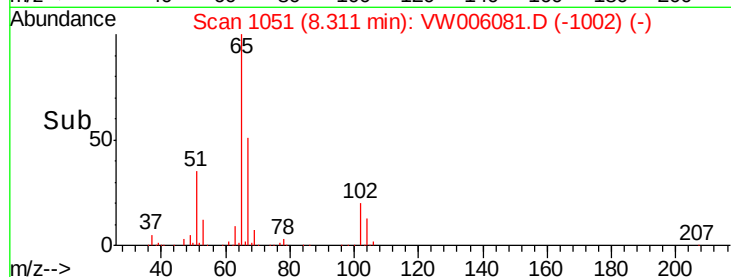
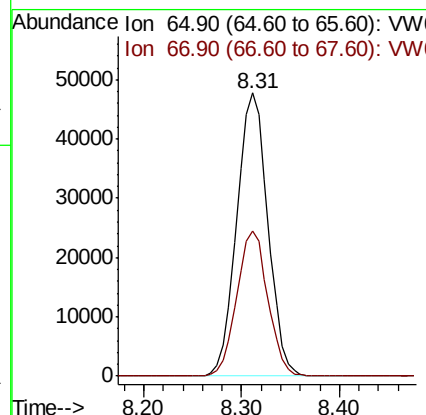
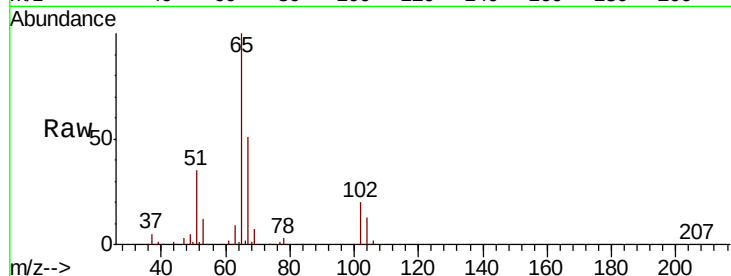




#33
 1,2-Dichloroethane-d4
 Concen: 42.954 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006081.D
 Acq: 16 Oct 2018 16:18

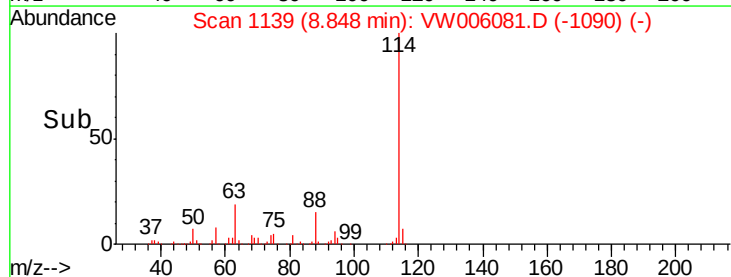
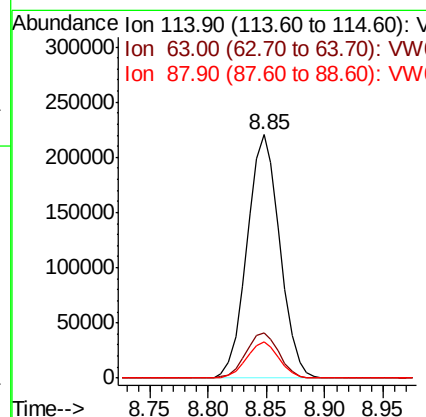
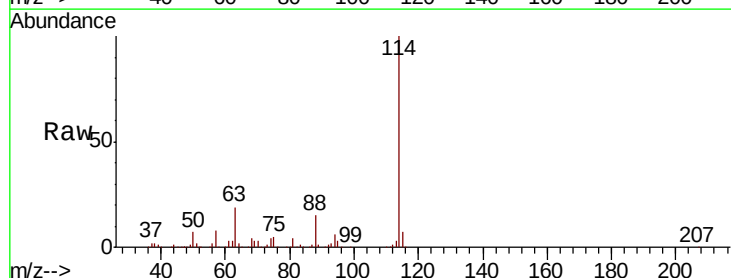
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-3

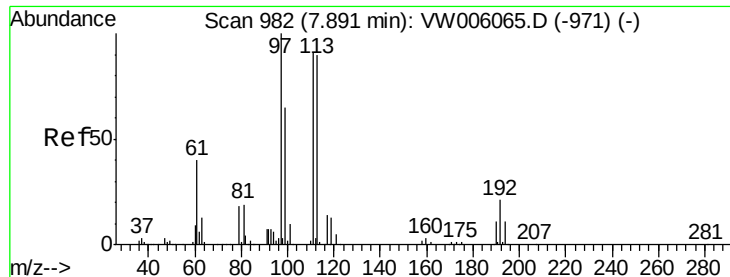
Tot Ion: 65 Resp: 105226
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006081.D
 Acq: 16 Oct 2018 16:18

Tgt Ion: 114 Resp: 431858
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.8
 88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 41.134 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006081.D

Acq: 16 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-3

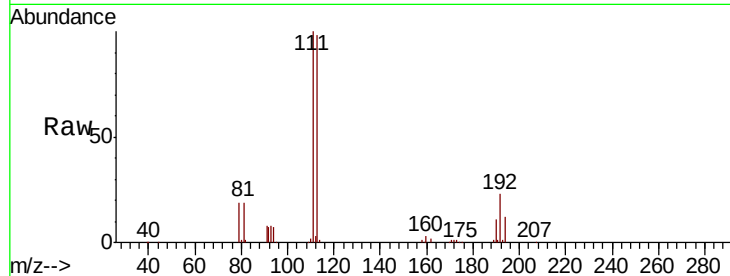
Tot Ion:113 Resp: 104968

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

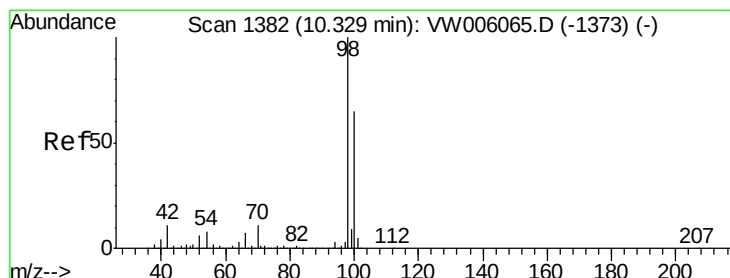
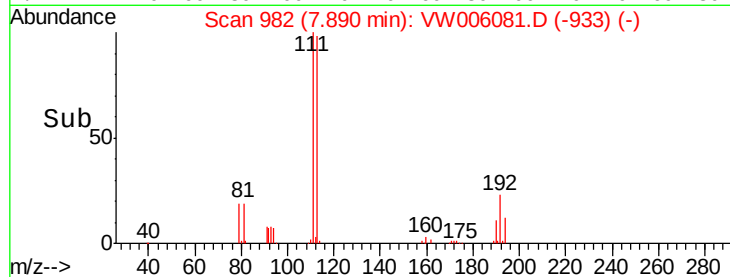
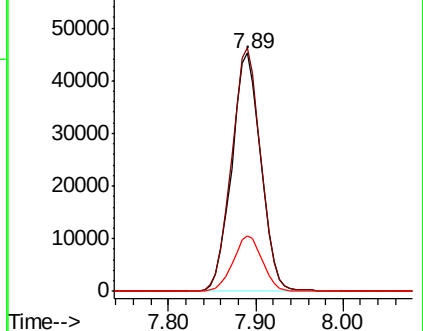
192 23.2 18.7 28.1



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: 40.099 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006081.D

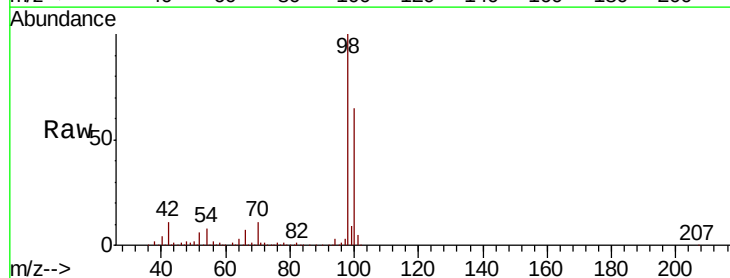
Acq: 16 Oct 2018 16:18

Tgt Ion: 98 Resp: 389299

Ion Ratio Lower Upper

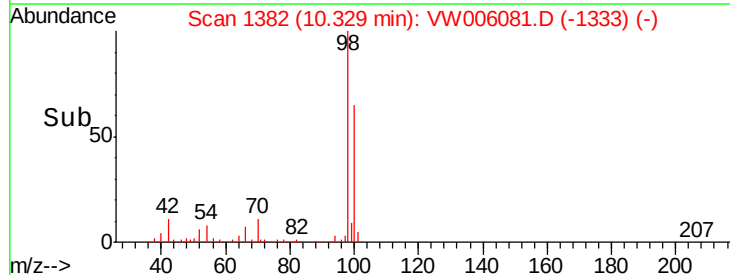
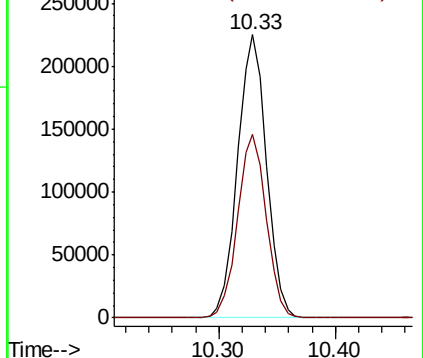
98 100

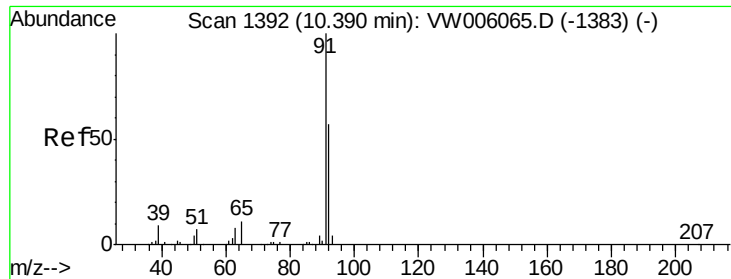
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 4.933 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006081.D

Acq: 16 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

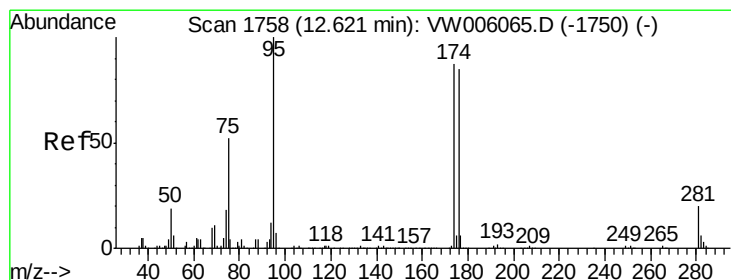
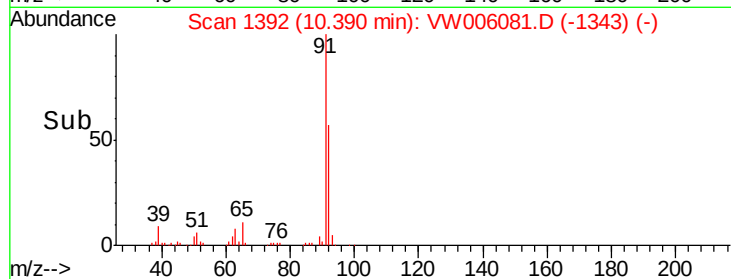
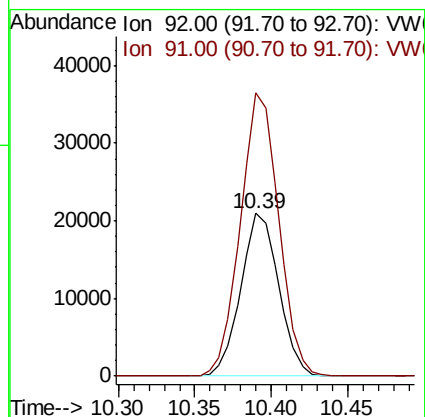
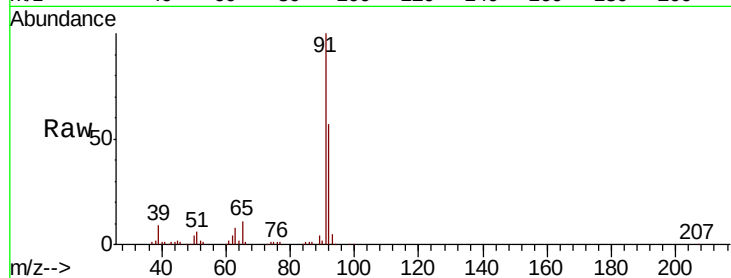
SUP-4B-G-101518-3

Tot Ion: 92 Resp: 36113

Ion Ratio Lower Upper

92 100

91 176.4 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 38.864 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006081.D

Acq: 16 Oct 2018 16:18

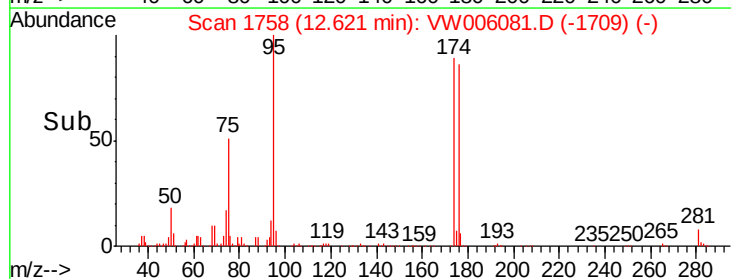
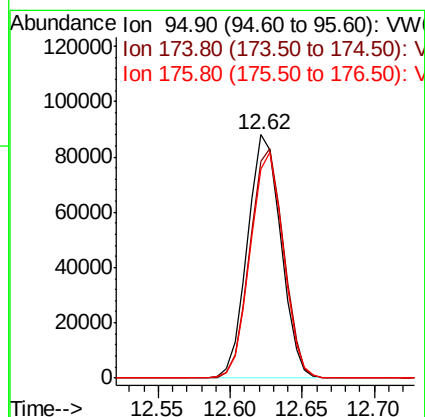
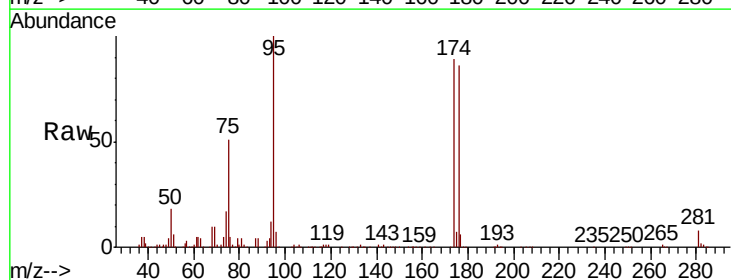
Tgt Ion: 95 Resp: 141714

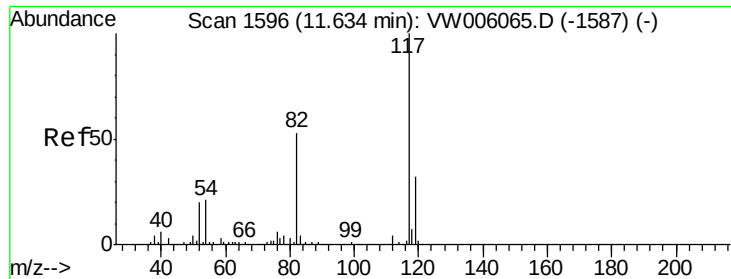
Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.0

176 91.8 0.0 181.6

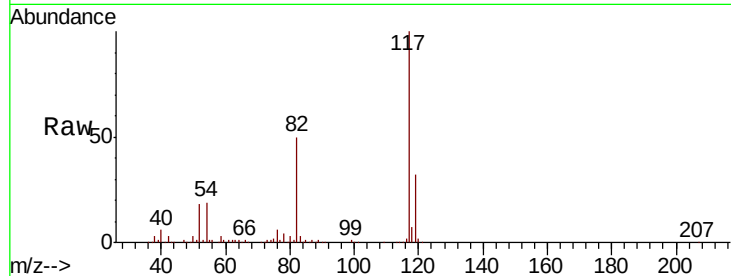




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006081.D
Acq: 16 Oct 2018 16:18

Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.1	63.1
119	31.9	25.8	38.6

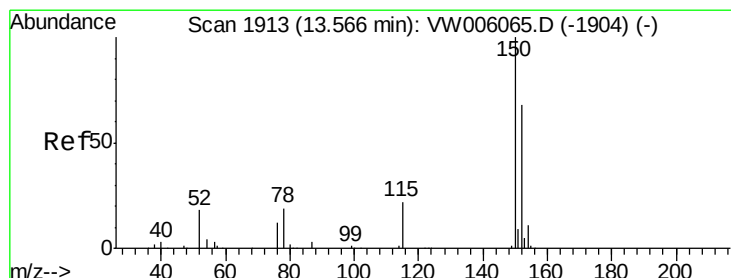
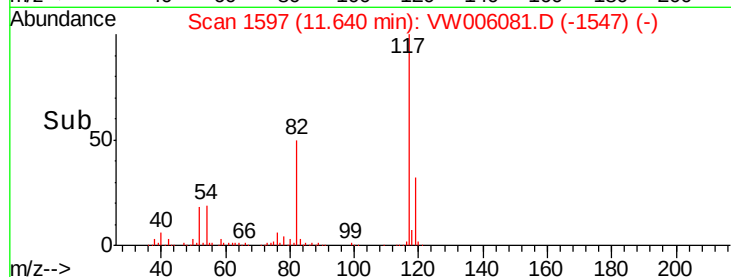
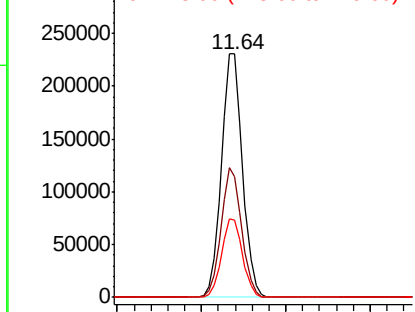


Abundance

Ion 116.90 (116.60 to 117.60): V

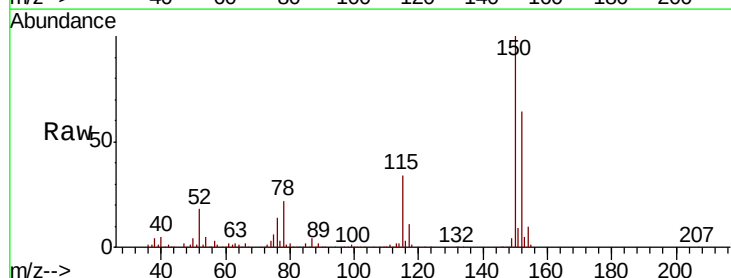
Ion 82.00 (81.70 to 82.70): V

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: VW006081.D
Acq: 16 Oct 2018 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.8	83.3
150	157.7	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

