

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005586.D
 Acq On : 24 Sep 2018 15:47
 Operator : VA/AP
 Sample : J4998-01RE
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YG3-SLOAN-PARK-BRIDGERE

Quant Time: Sep 25 07:10:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

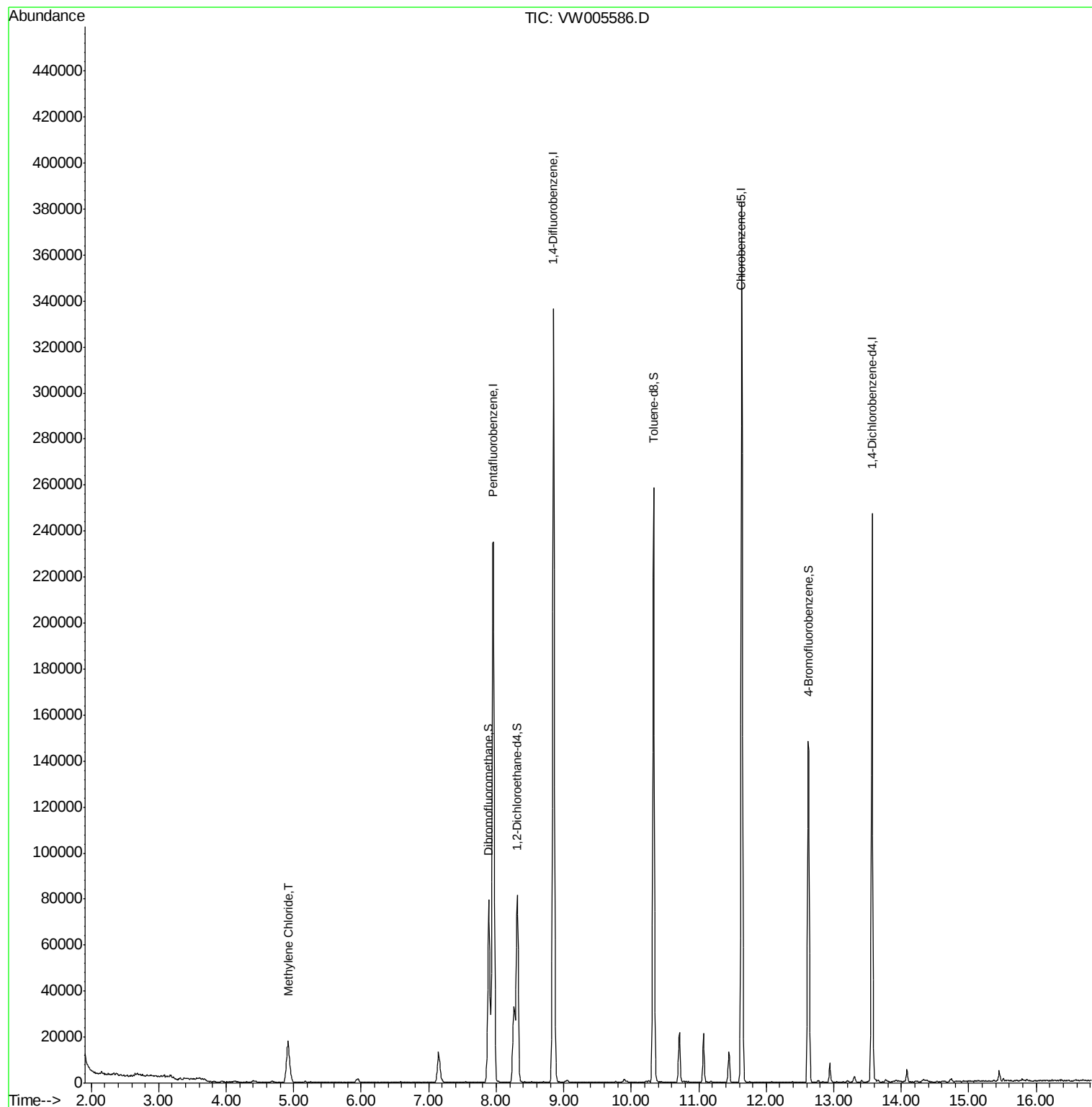
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	176016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	214381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68615	33.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.18%	
35) Dibromofluoromethane	7.89	113	54146	31.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.64%	
50) Toluene-d8	10.33	98	167889	24.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.46%	
62) 4-Bromofluorobenzene	12.62	95	44114	17.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.42%	
Target Compounds						
20) Methylene Chloride	4.92	84	14142	4.213	ug/l	Qvalue 93

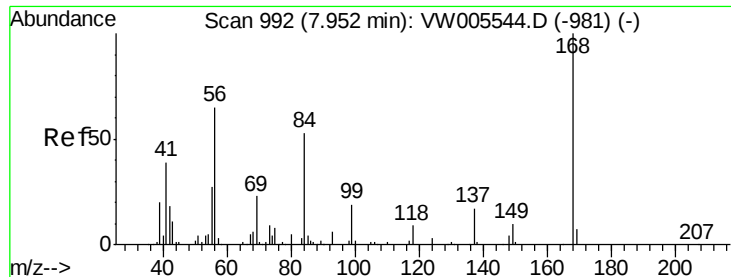
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005586.D

Acq: 24 Sep 2018 15:47

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MSVOA_W

ClientSampleId :

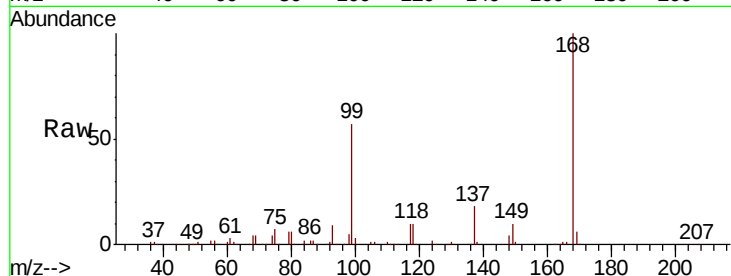
YG3-SLOAN-PARK-BRIDGERE

Tot Ion:168 Resp: 176016

Ion Ratio Lower Upper

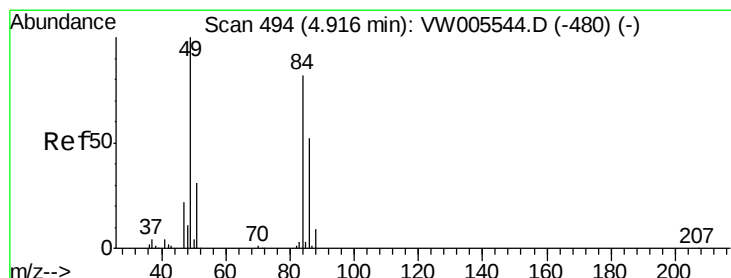
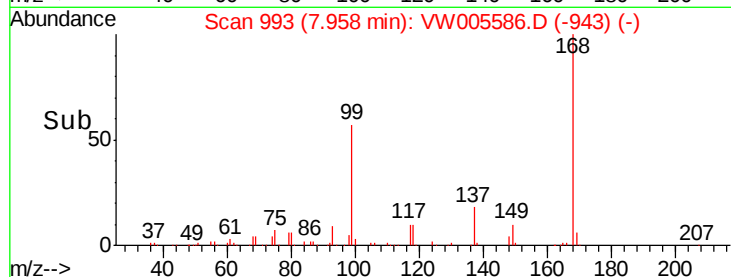
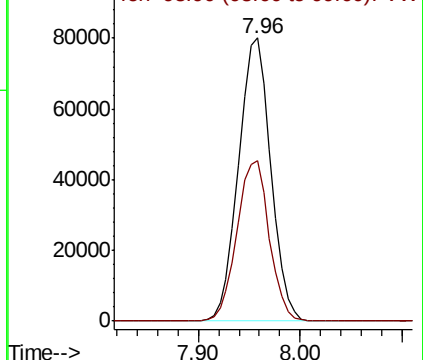
168 100

99 56.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.213 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005586.D

Acq: 24 Sep 2018 15:47

Tgt Ion: 84 Resp: 14142

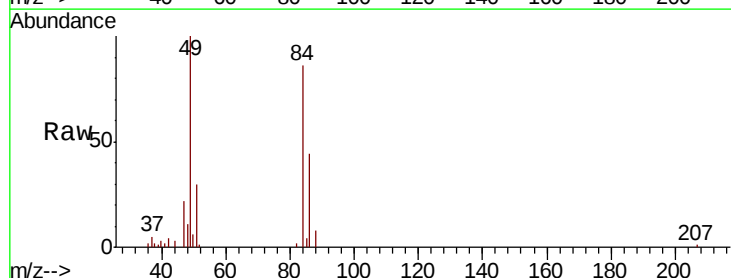
Ion Ratio Lower Upper

84 100

49 116.6 97.0 145.6

51 35.4 30.2 45.2

86 51.7 50.2 75.4

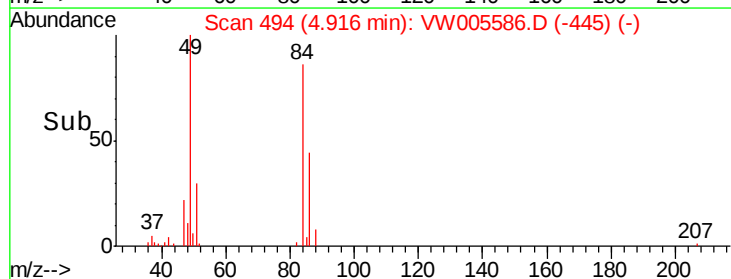
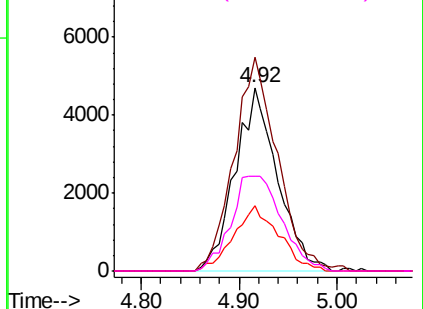


Abundance Ion 83.90 (83.60 to 84.60): VW

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

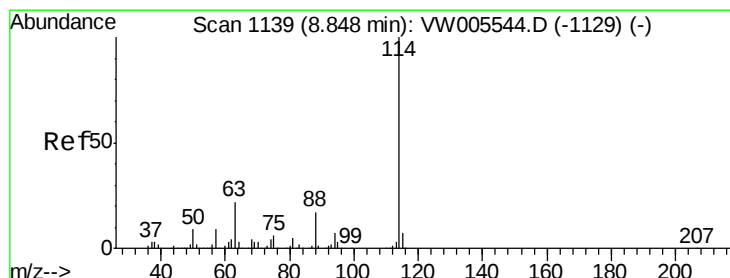
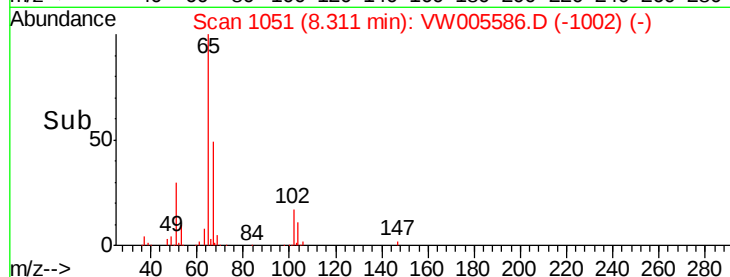
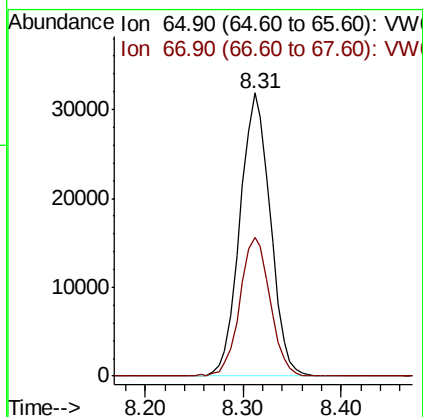
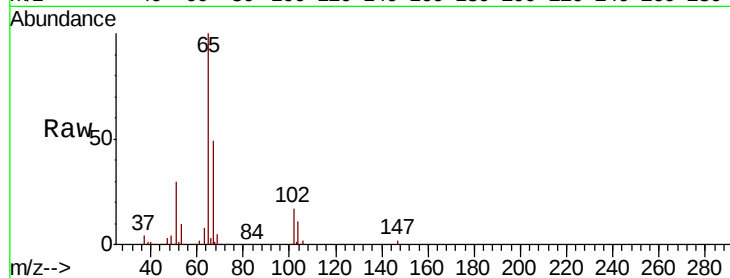




#33
 1,2-Dichloroethane-d4
 Concen: 33.090 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005586.D
 Acq: 24 Sep 2018 15:47

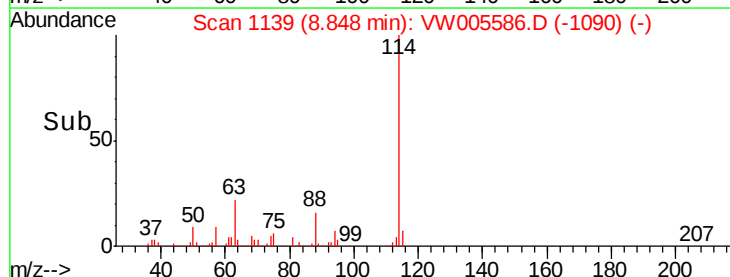
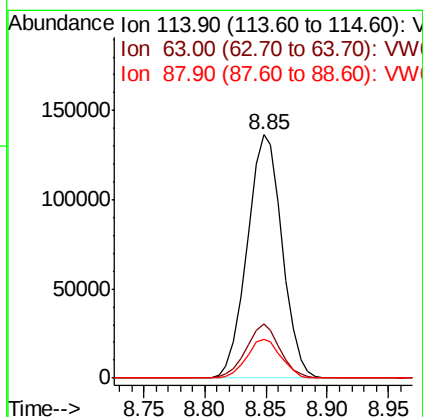
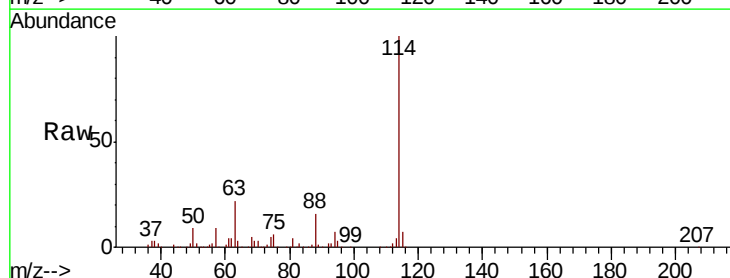
Instrument :
 MSVOA_W
 ClientSampleId :
 YG3-SLOAN-PARK-BRIDGERE

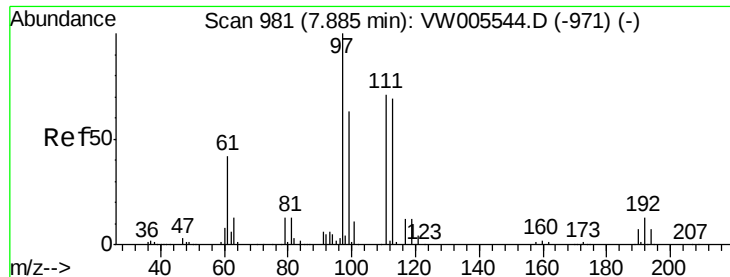
Tot Ion: 65 Resp: 68615
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005586.D
 Acq: 24 Sep 2018 15:47

Tgt Ion: 114 Resp: 270591
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.0
 88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 31.820 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005586.D

Acq: 24 Sep 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

YG3-SLOAN-PARK-BRIDGERE

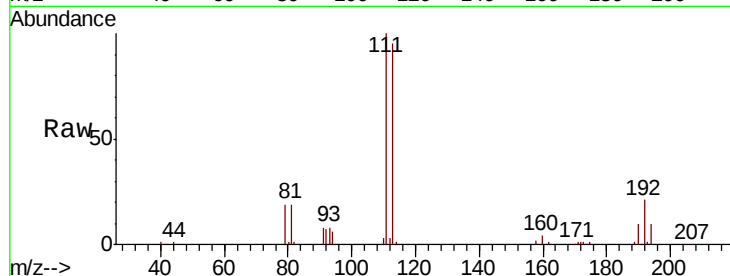
Tot Ion:113 Resp: 54146

Ion Ratio Lower Upper

113 100

111 100.3 82.6 123.8

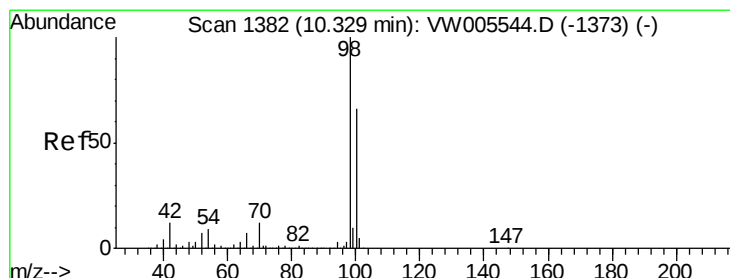
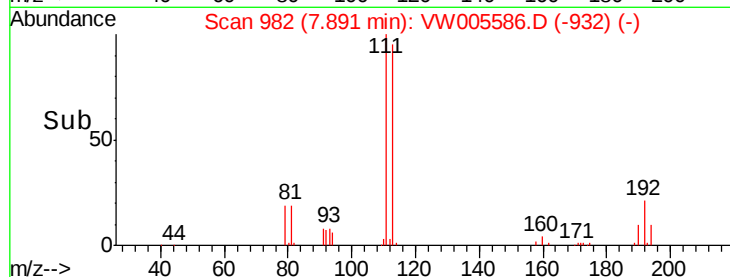
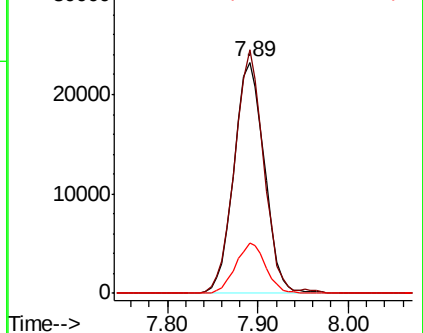
192 21.3 17.0 25.4



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: 24.231 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005586.D

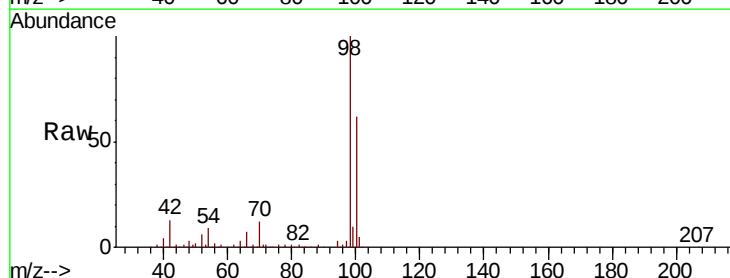
Acq: 24 Sep 2018 15:47

Tgt Ion: 98 Resp: 167889

Ion Ratio Lower Upper

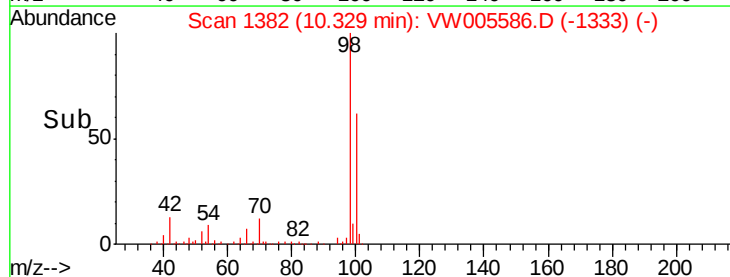
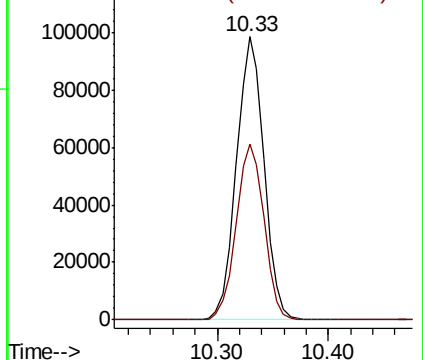
98 100

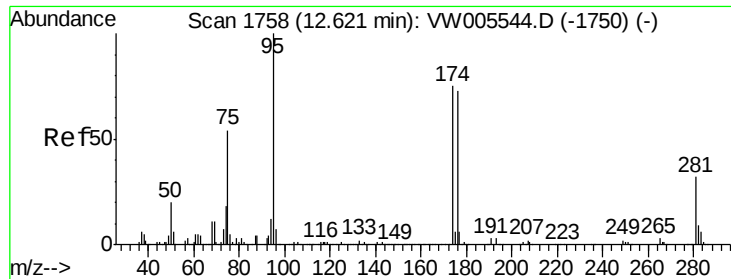
100 62.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

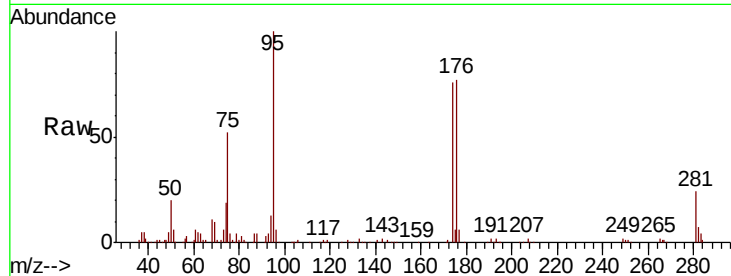




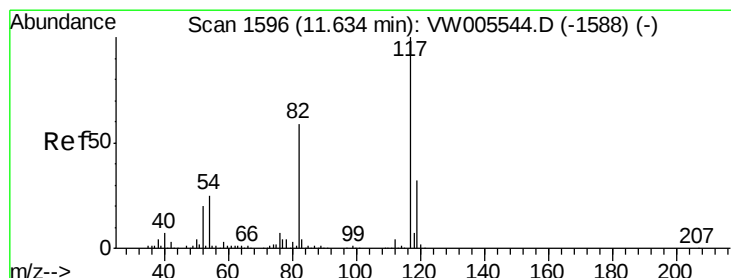
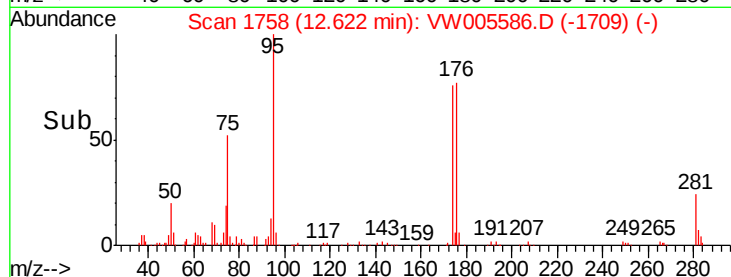
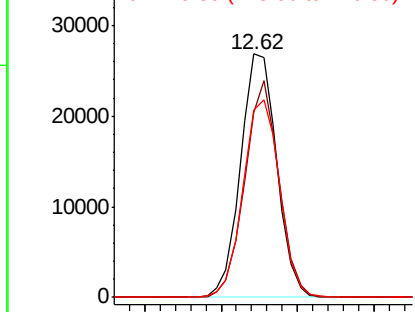
#62
4-Bromofluorobenzene
Concen: 17.207 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

Tot Ion: 95 Resp: 44114
Ion Ratio Lower Upper
95 100
174 83.6 0.0 163.8
176 82.4 0.0 158.0

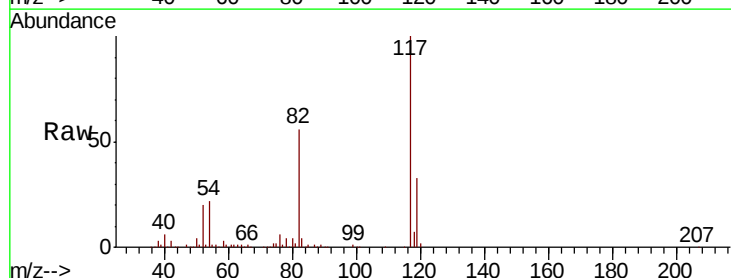


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

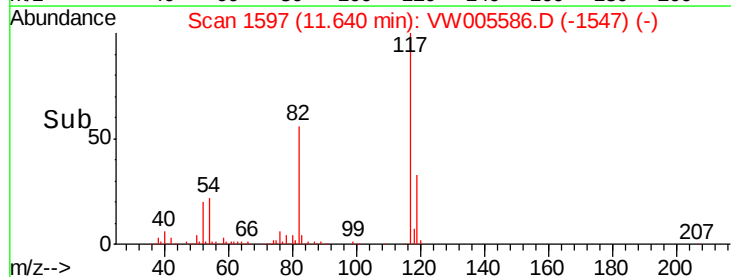
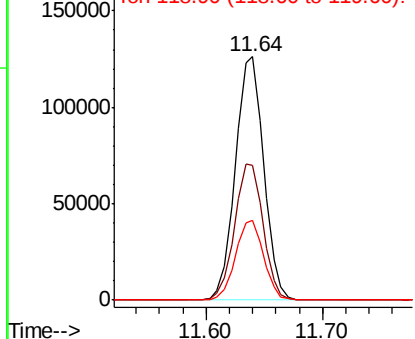


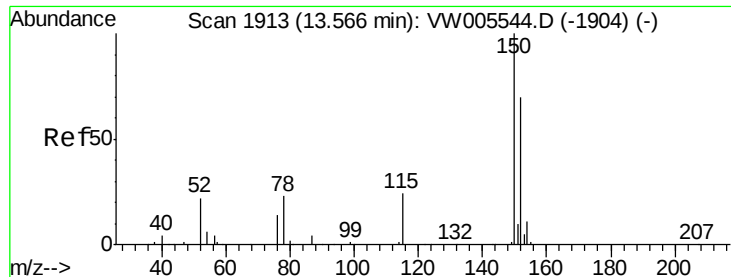
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

Tgt Ion: 117 Resp: 214381
Ion Ratio Lower Upper
117 100
82 55.5 46.9 70.3
119 33.0 25.7 38.5



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: VW005586.D

Acq: 24 Sep 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

YG3-SLOAN-PARK-BRIDGERE

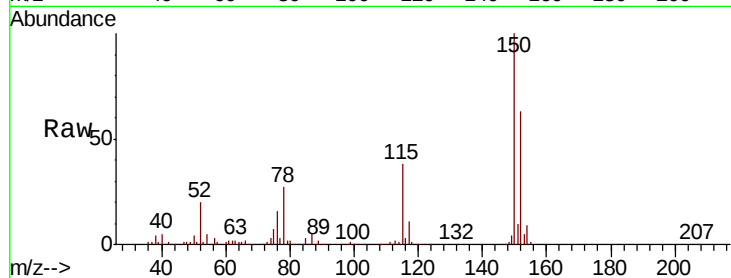
Tot Ion:152 Resp: 62123

Ion Ratio Lower Upper

152 100

115 56.9 30.0 90.0

150 157.2 0.0 348.6



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

