

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005485.D
 Acq On : 18 Sep 2018 17:56
 Operator : SY/AP
 Sample : J4951-01
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB48380RT

Quant Time: Sep 19 06:22:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

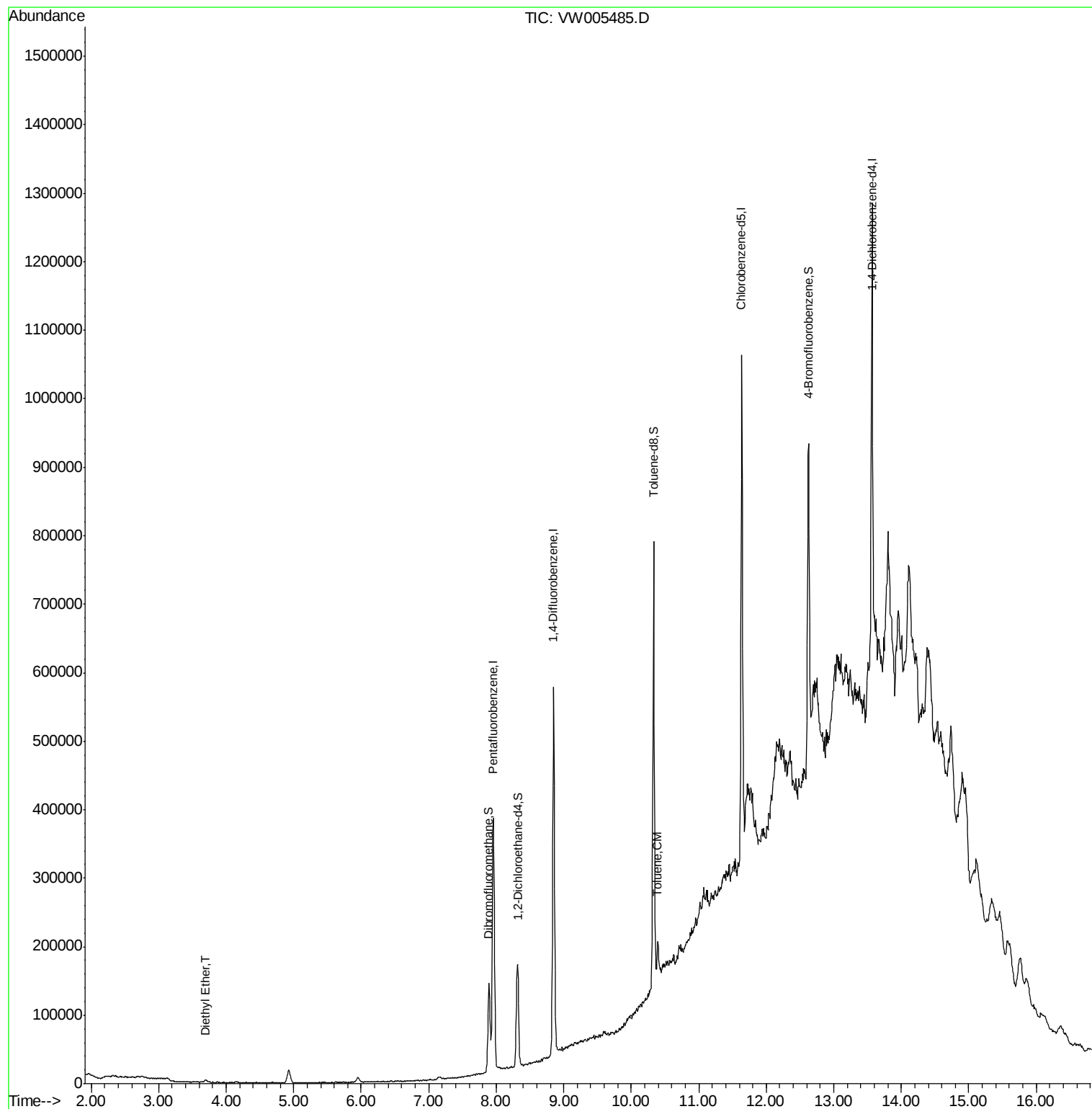
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	278631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	447167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119733	41.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.80%	
35) Dibromofluoromethane	7.89	113	95865	38.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.48%	
50) Toluene-d8	10.33	98	431057	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
62) 4-Bromofluorobenzene	12.62	95	155652	36.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.94%	
Target Compounds						
8) Diethyl Ether	3.70	74	1614	1.33	ug/l	94
52) Toluene	10.40	92	20782	2.50	ug/l	87

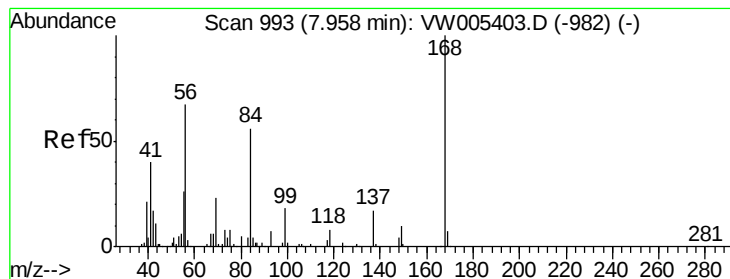
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005485.D

Acq: 18 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampled :

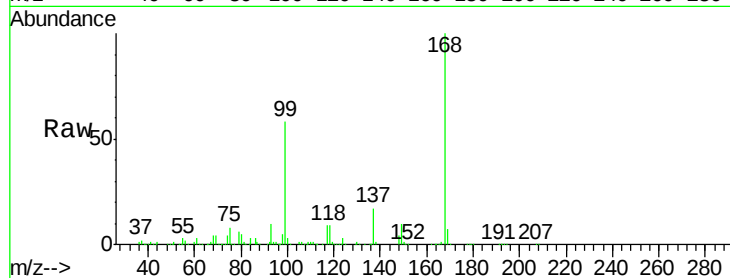
RB48380RT

Tot Ion:168 Resp: 278631

Ion Ratio Lower Upper

168 100

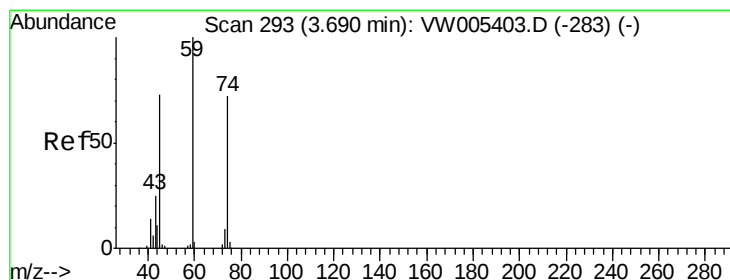
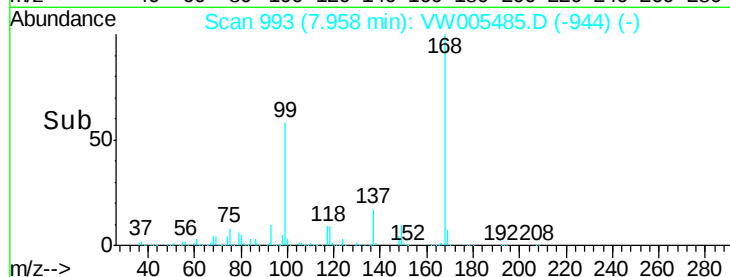
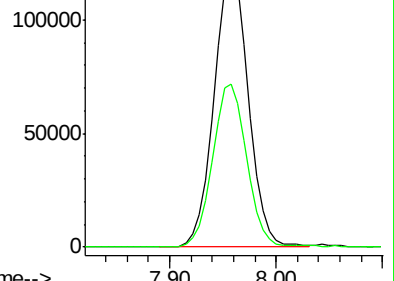
99 57.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96



#8

Diethyl Ether

Concen: 1.33 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005485.D

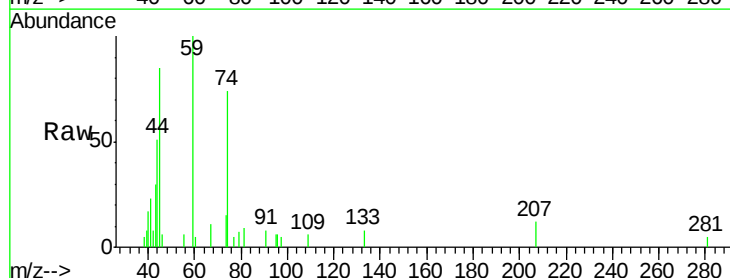
Acq: 18 Sep 2018 17:56

Tgt Ion: 74 Resp: 1614

Ion Ratio Lower Upper

74 100

45 112.3 53.1 159.3



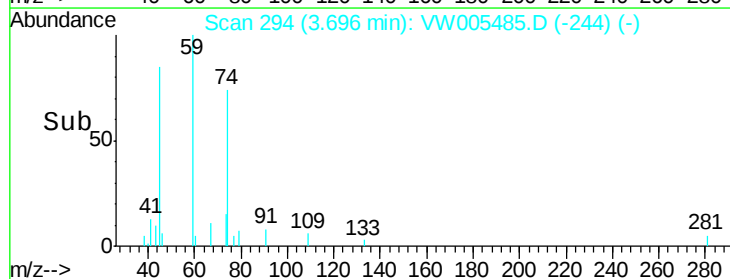
Abundance Ion 74.00 (73.70 to 74.70): VW

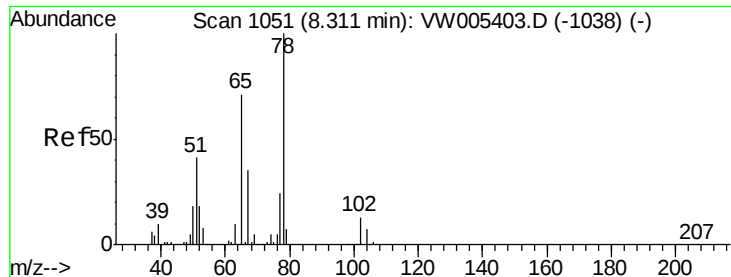
Ion 45.00 (44.70 to 45.70): VW

3.70

3.65 3.70 3.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.40 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005485.D

Acq: 18 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

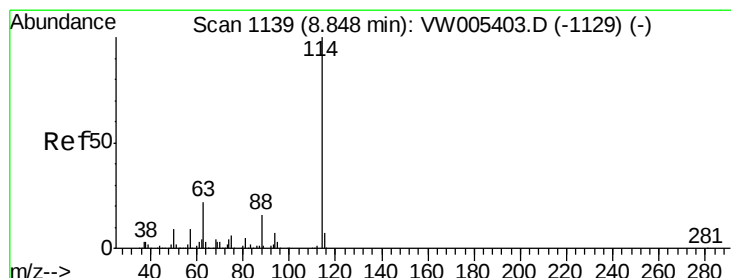
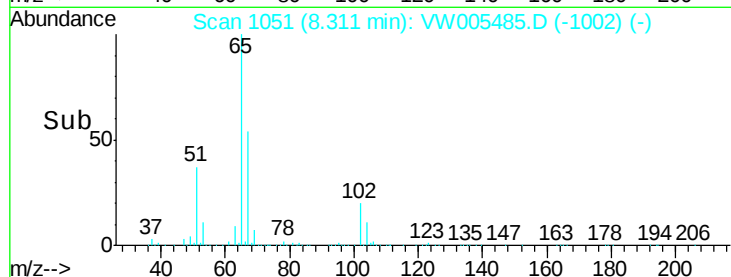
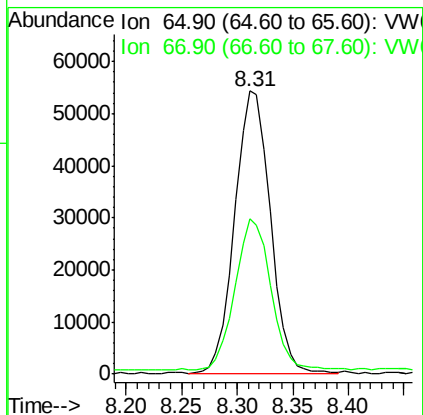
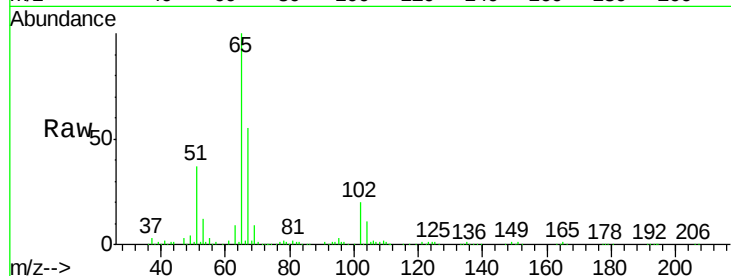
RB48380RT

Tot Ion: 65 Resp: 119733

Ion Ratio Lower Upper

65 100

67 54.6 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005485.D

Acq: 18 Sep 2018 17:56

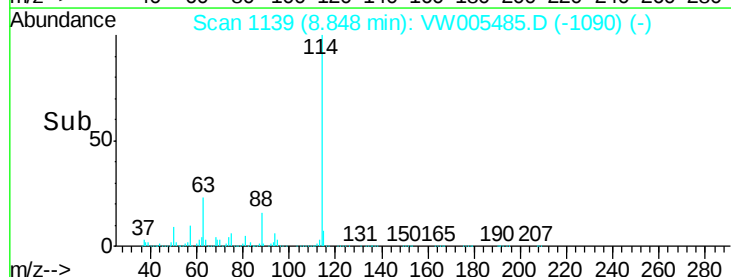
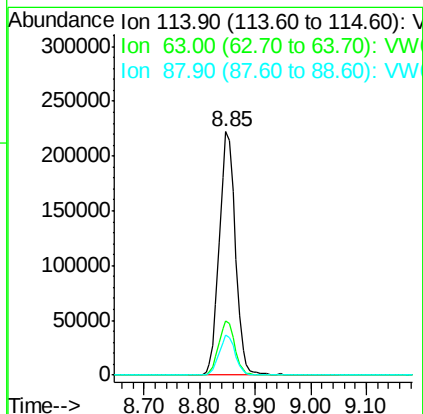
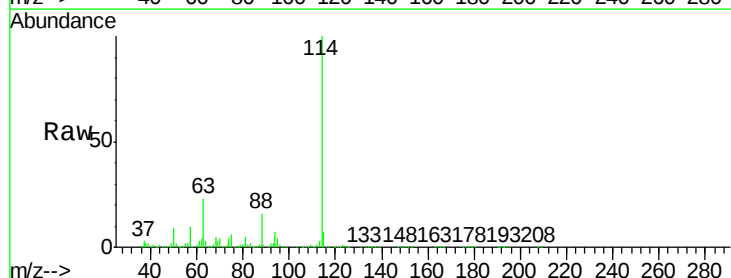
Tgt Ion: 114 Resp: 447167

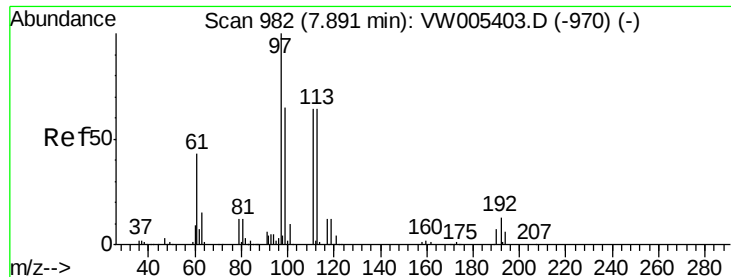
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.5 0.0 31.8

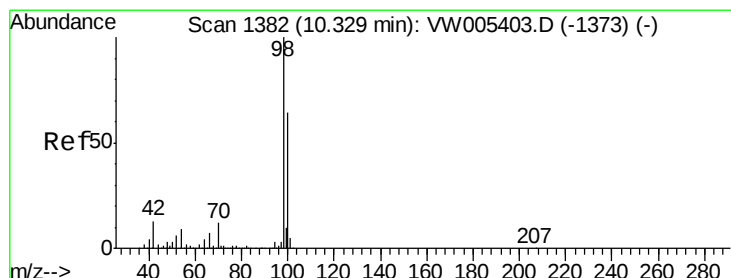
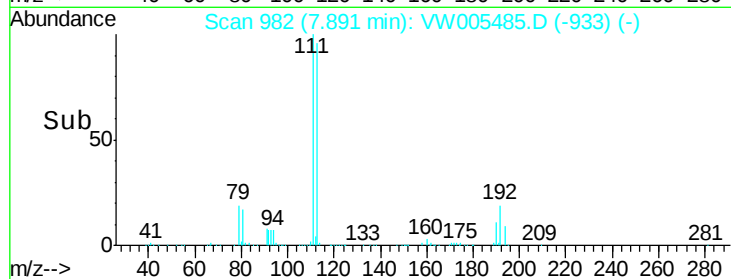
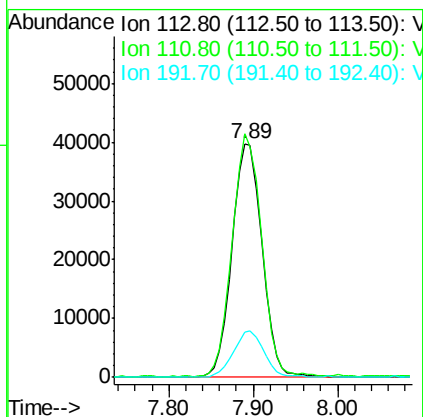
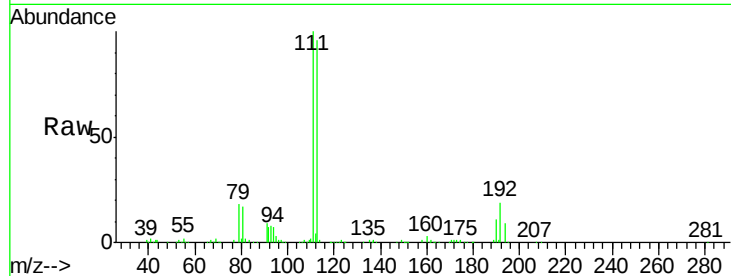




#35
Dibromofluoromethane
Concen: 38.24 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005485.D
Acq: 18 Sep 2018 17:56

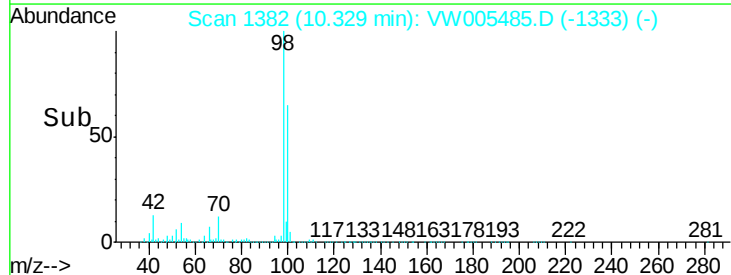
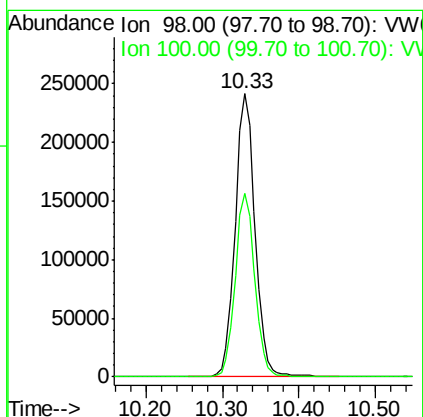
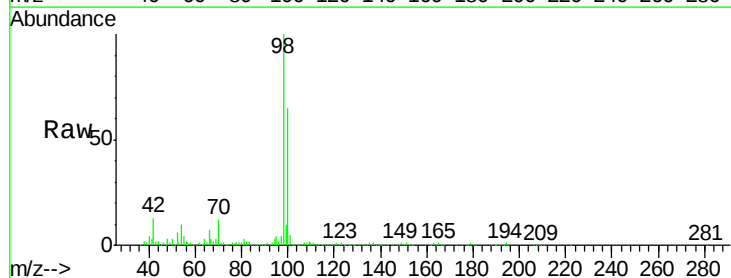
Instrument :
MSVOA_W
ClientSampleId :
RB48380RT

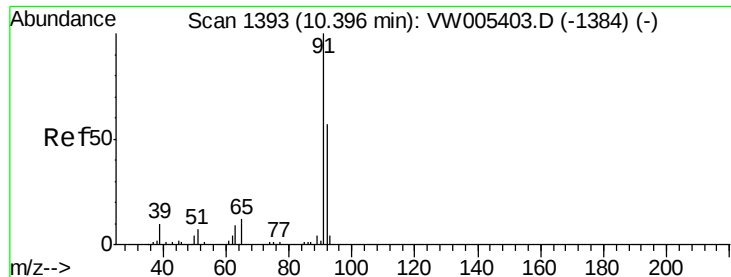
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	20.4	16.5	24.7



#50
Toluene-d8
Concen: 37.54 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005485.D
Acq: 18 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





#52

Toluene

Concen: 2.50 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005485.D

Acq: 18 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampled :

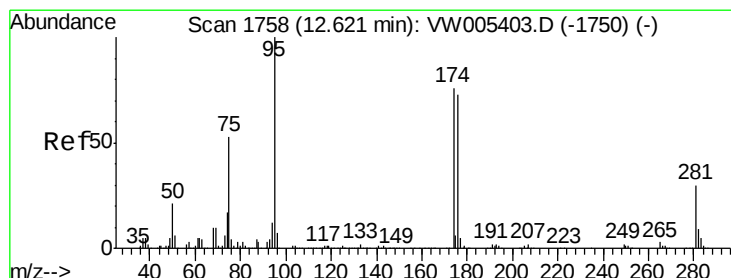
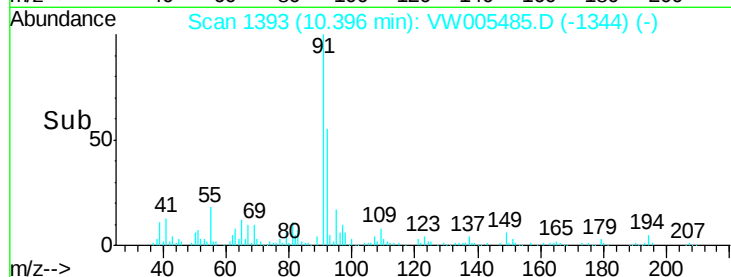
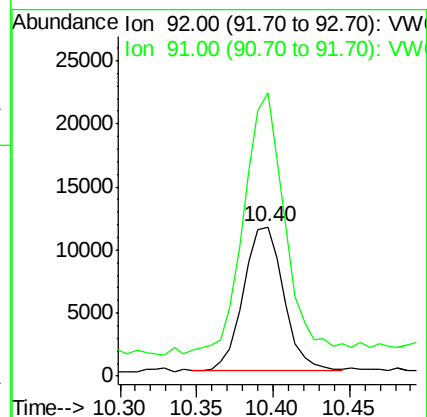
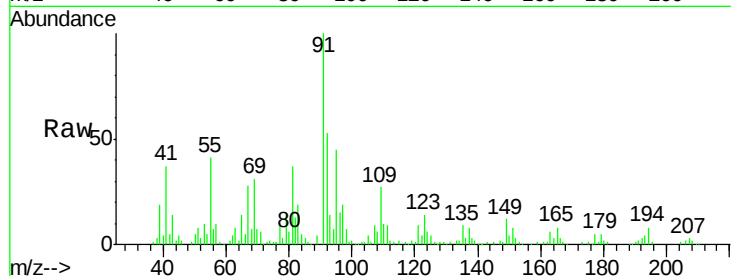
RB48380RT

Tot Ion: 92 Resp: 20782

Ion Ratio Lower Upper

92 100

91 191.4 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 36.97 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005485.D

Acq: 18 Sep 2018 17:56

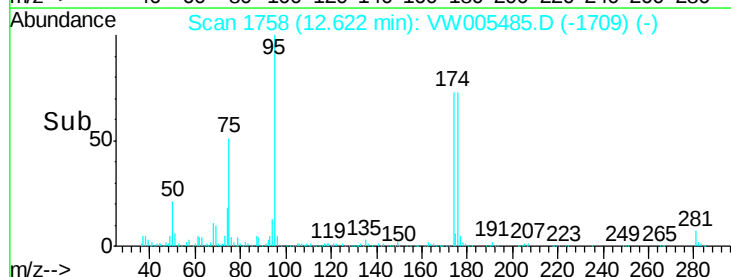
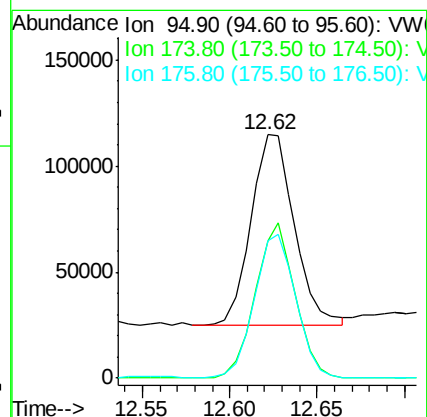
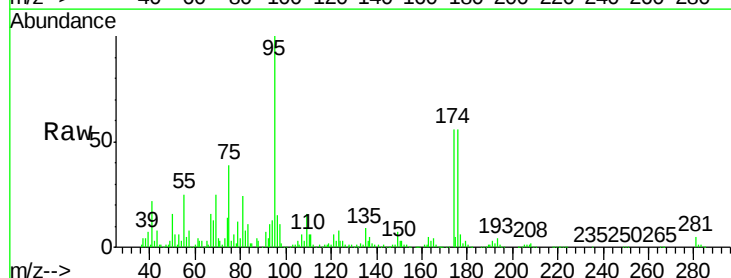
Tgt Ion: 95 Resp: 155652

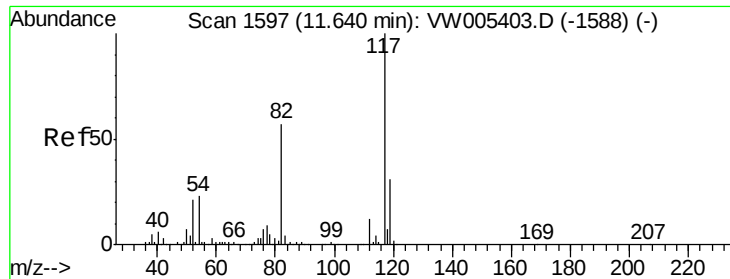
Ion Ratio Lower Upper

95 100

174 73.9 0.0 161.2

176 71.9 0.0 156.6

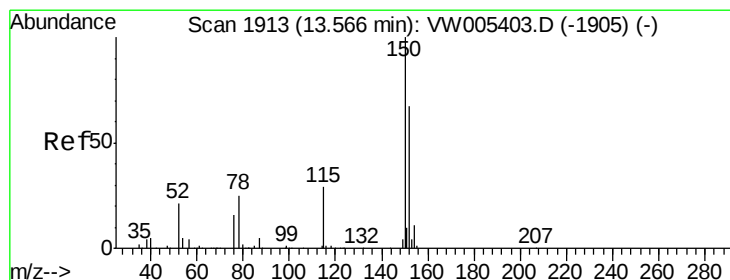
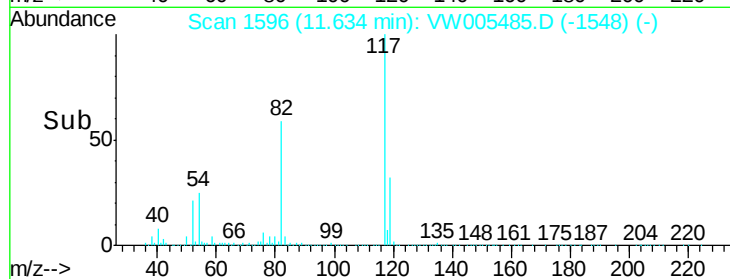
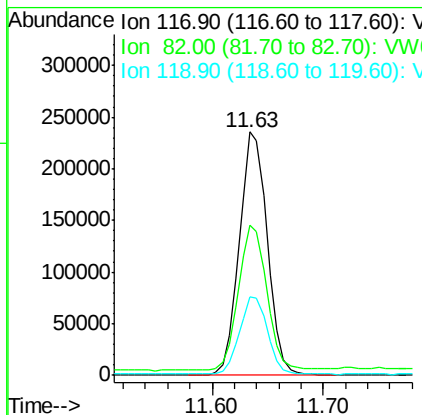
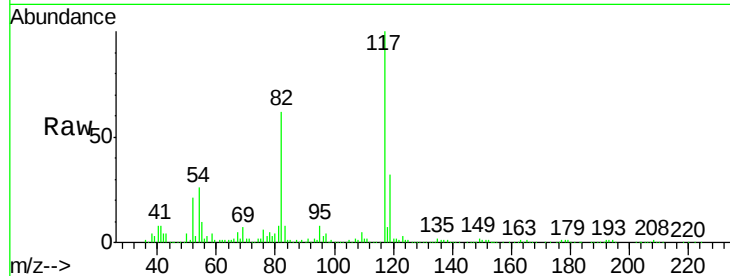




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005485.D
Acq: 18 Sep 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
RB48380RT

Tot Ion:117 Resp: 408203
Ion Ratio Lower Upper
117 100
82 59.4 45.9 68.9
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005485.D
Acq: 18 Sep 2018 17:56

Tgt Ion:152 Resp: 172555
Ion Ratio Lower Upper
152 100
115 60.0 29.5 88.5
150 154.2 0.0 345.6

