

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005011.D
 Acq On : 30 Aug 2018 12:01
 Operator : SY/AP
 Sample : VW0830SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBL01

Quant Time: Aug 31 08:56:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	556631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	793690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	815502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	429219	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	205918	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
35) Dibromofluoromethane	7.89	113	209844	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.33	98	1095120	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	392865	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	

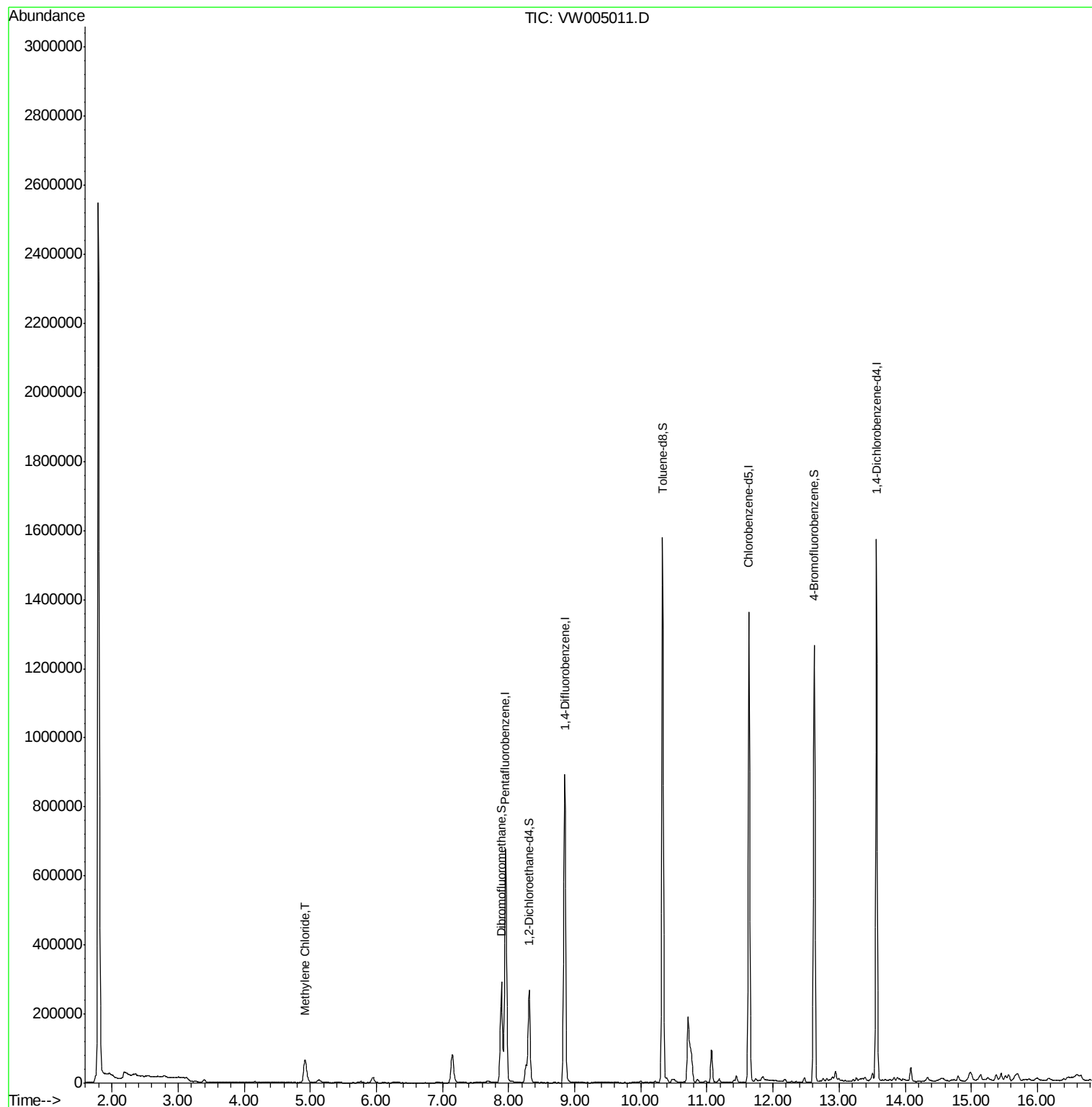
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	55449	4.99	ug/l	97

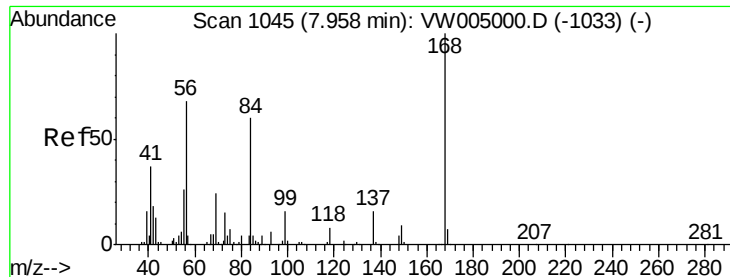
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005011.D

Acq: 30 Aug 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

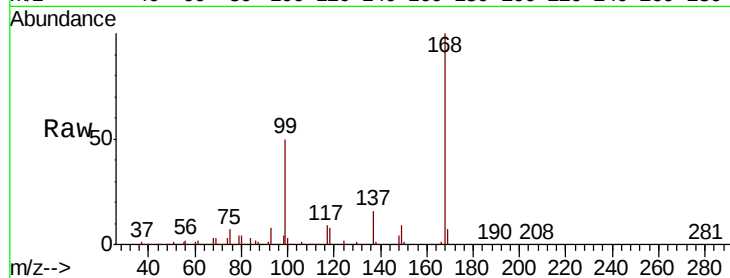
VW0830SBL01

Tot Ion:168 Resp: 556631

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

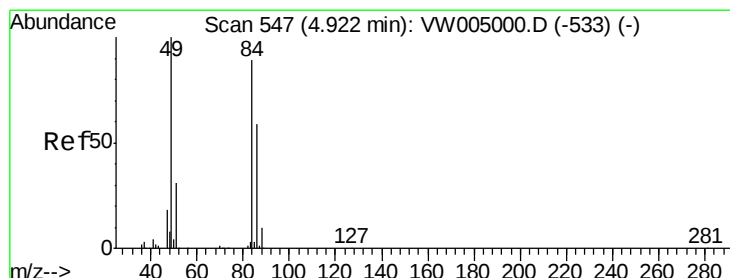
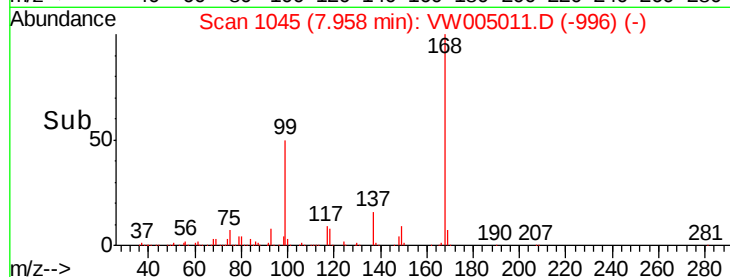
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.99 ug/l

RT: 4.92 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW005011.D

Acq: 30 Aug 2018 12:01

Tgt Ion: 84 Resp: 55449

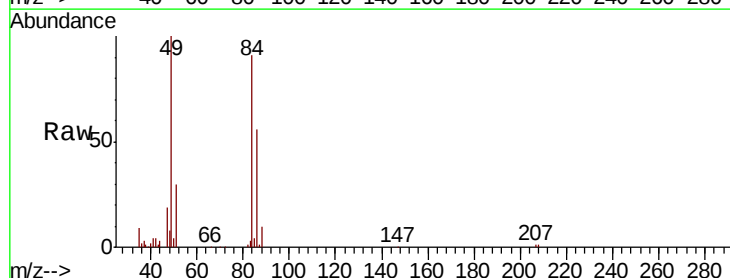
Ion Ratio Lower Upper

84 100

49 109.9 89.7 134.5

51 33.2 27.5 41.3

86 61.6 52.7 79.1



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

30000

25000

20000

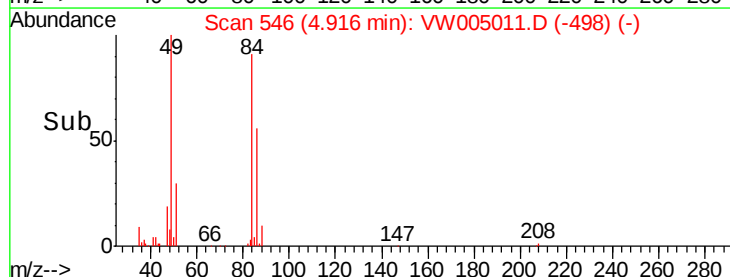
15000

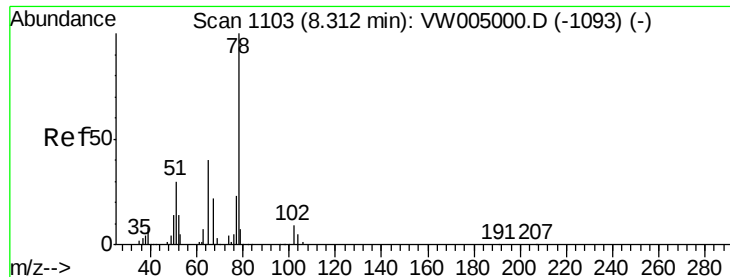
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5000

0

Time-->

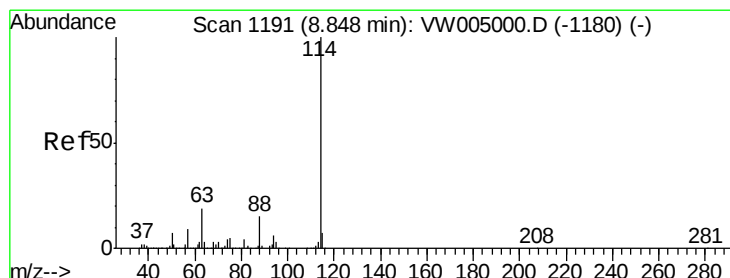
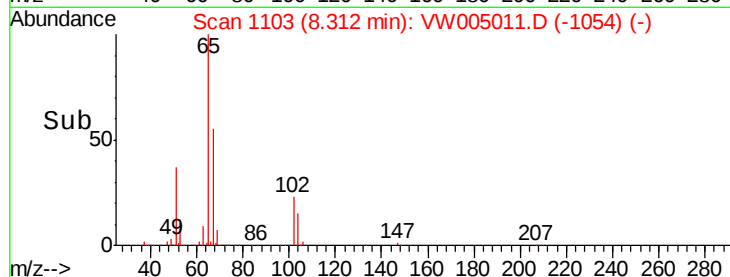
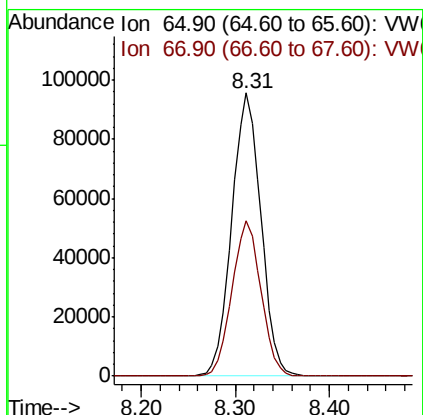
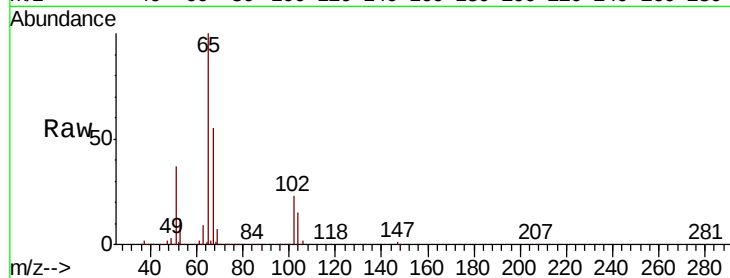




#33
 1,2-Dichloroethane-d4
 Concen: 54.08 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005011.D
 Acq: 30 Aug 2018 12:01

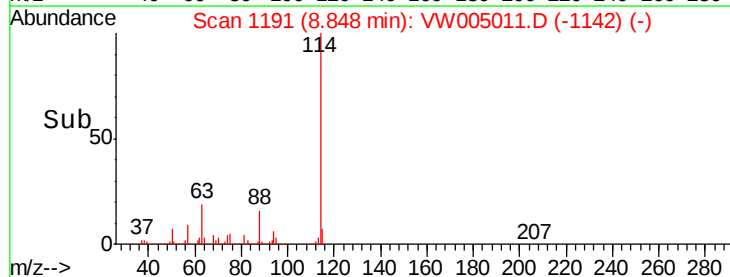
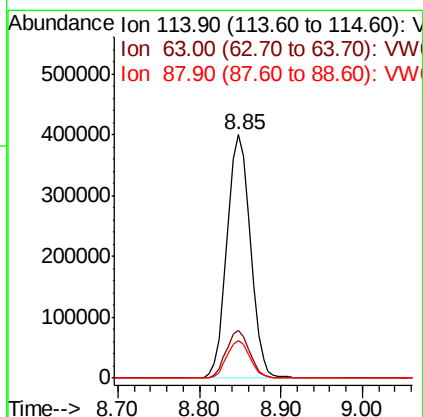
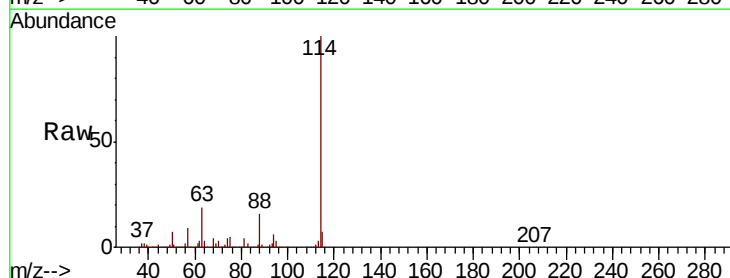
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBL01

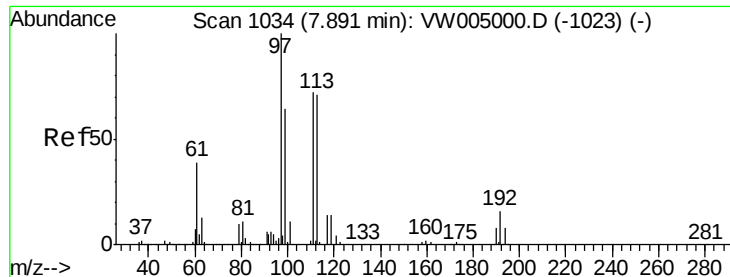
Tot Ion: 65 Resp: 205918
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005011.D
 Acq: 30 Aug 2018 12:01

Tgt Ion: 114 Resp: 793690
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.35 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005011.D

Acq: 30 Aug 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBL01

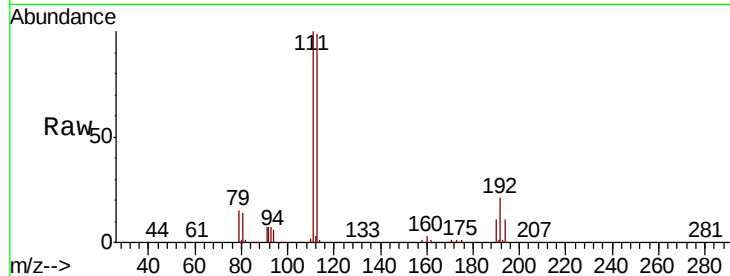
Tot Ion:113 Resp: 209844

Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

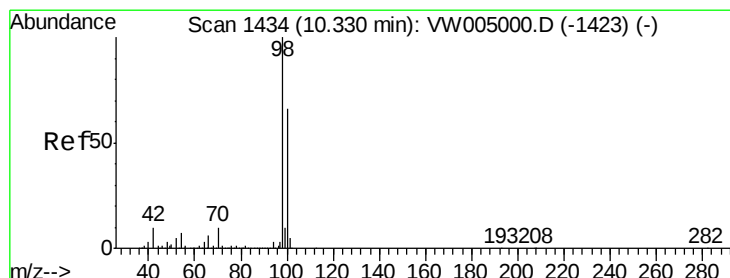
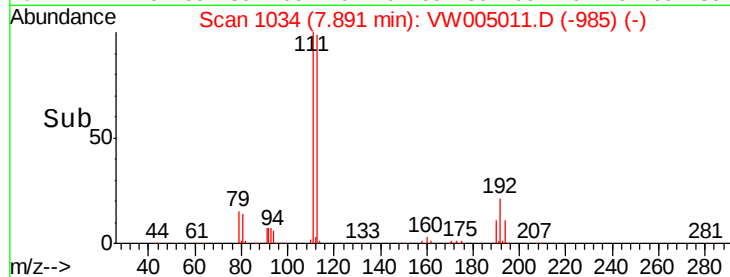
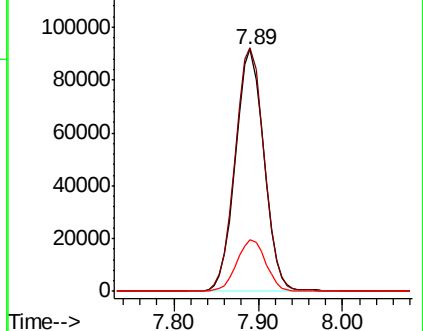
192 21.5 17.8 26.8



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: 50.72 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005011.D

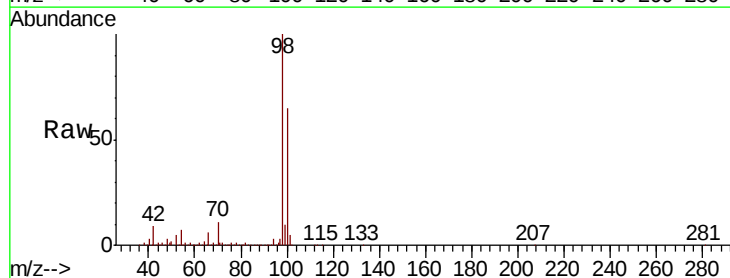
Acq: 30 Aug 2018 12:01

Tgt Ion: 98 Resp: 1095120

Ion Ratio Lower Upper

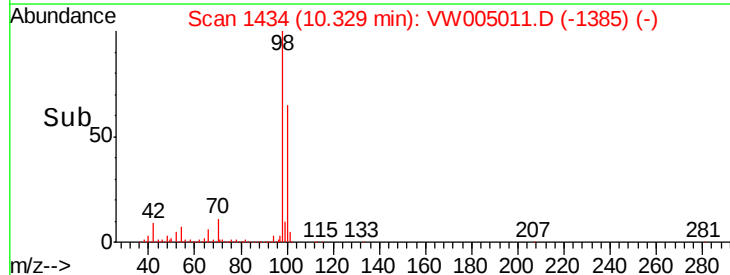
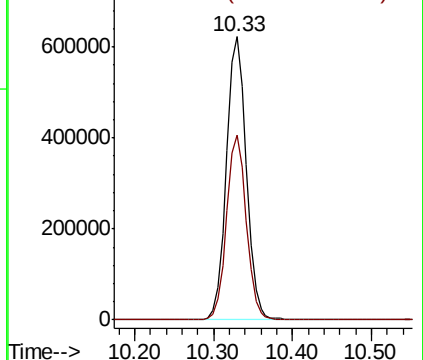
98 100

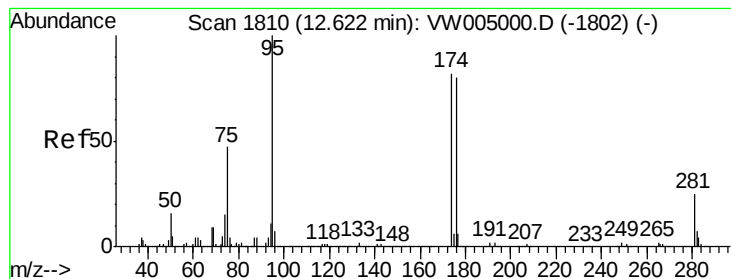
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.90 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005011.D

Acq: 30 Aug 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBL01

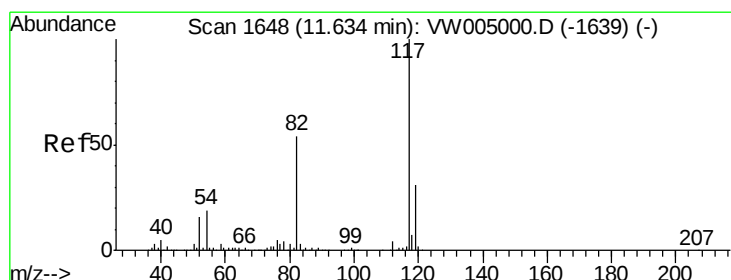
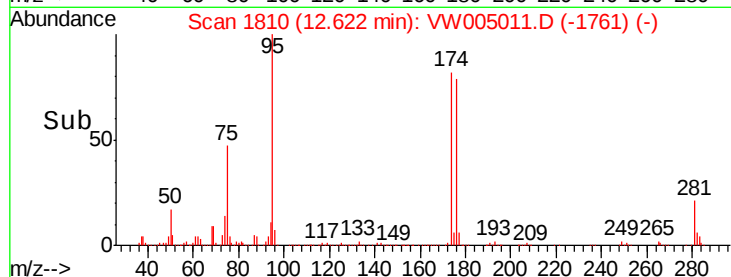
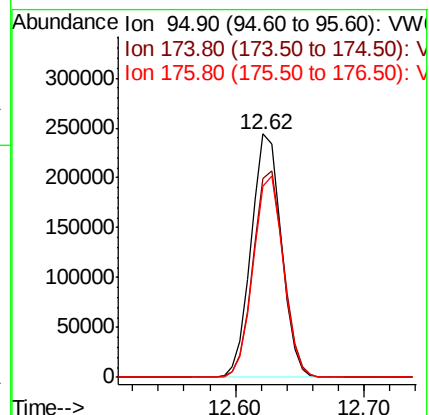
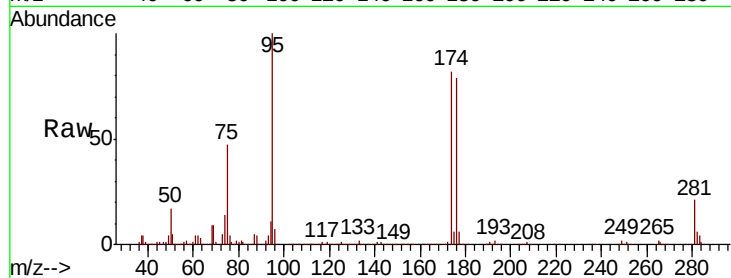
Tot Ion: 95 Resp: 392865

Ion Ratio Lower Upper

95 100

174 85.8 0.0 173.4

176 82.8 0.0 167.8



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW005011.D

Acq: 30 Aug 2018 12:01

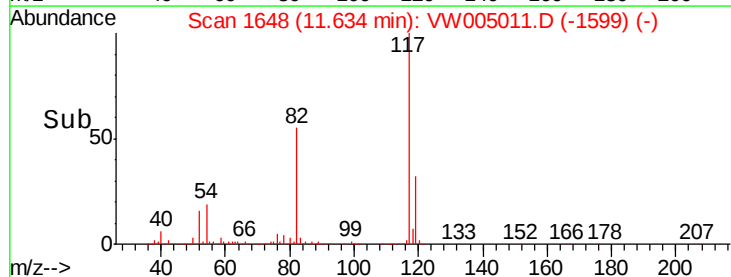
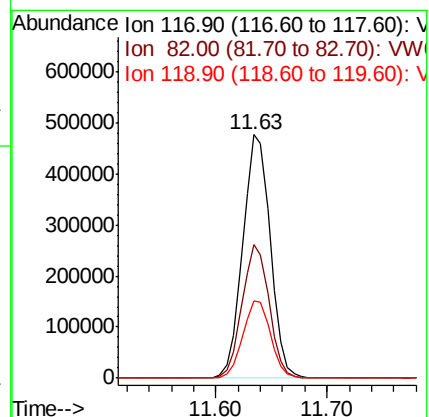
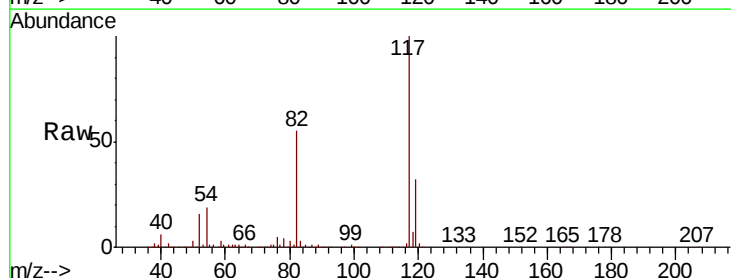
Tgt Ion: 117 Resp: 815502

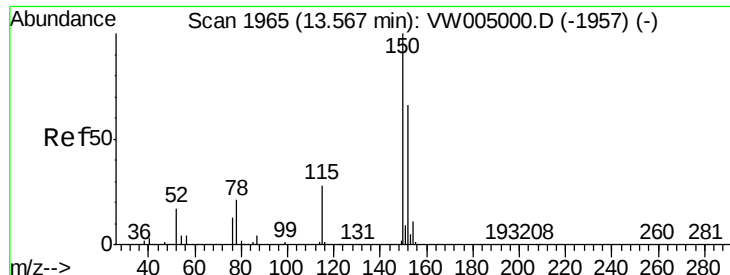
Ion Ratio Lower Upper

117 100

82 54.6 43.3 64.9

119 31.8 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005011.D

Acq: 30 Aug 2018 12:01

Instrument :

MSVOA_W

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VW0830SBL01

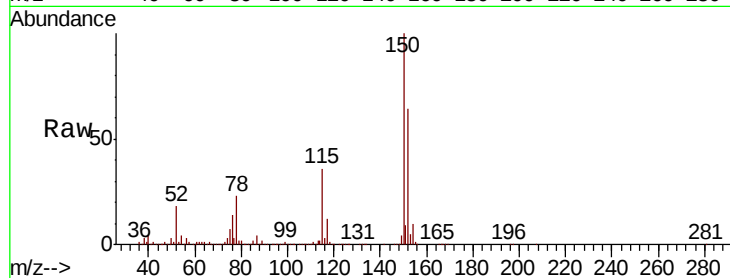
Tot Ion:152 Resp: 429219

Ion Ratio Lower Upper

152 100

115 56.9 28.0 83.9

150 158.2 0.0 347.2



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

