

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005005.D
 Acq On : 29 Aug 2018 15:54
 Operator : SY/AP
 Sample : VW0829SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBL01

Quant Time: Aug 30 01:56:28 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	492837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	698907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	732328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	385746	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	184058	54.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.20%	
35) Dibromofluoromethane	7.89	113	193277	55.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.62%	
50) Toluene-d8	10.33	98	957988	50.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	340260	49.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.16%	

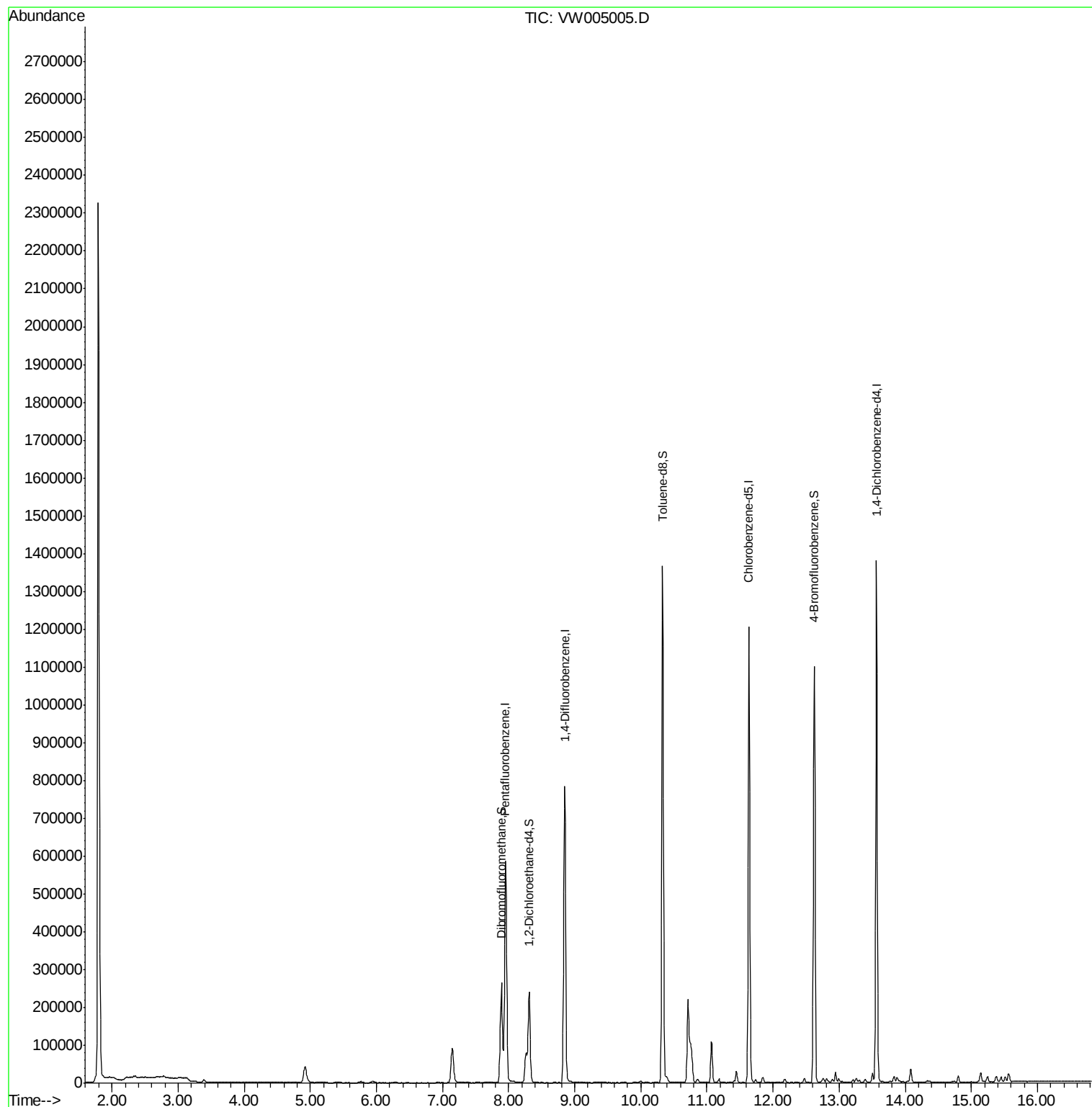
Target Compounds	Qvalue

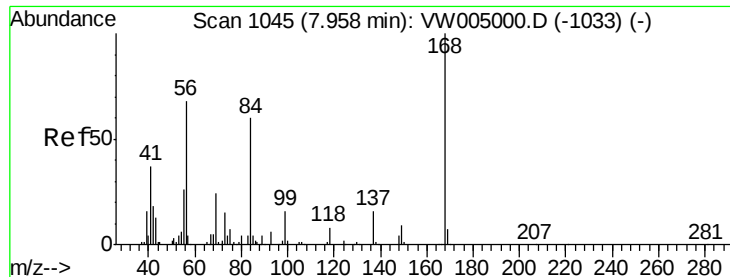
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 30 01:51:13 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005005.D

Acq: 29 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

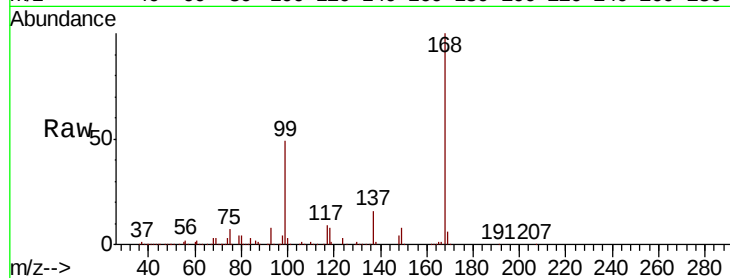
VW0829SBL01

Tot Ion:168 Resp: 492837

Ion Ratio Lower Upper

168 100

99 48.6 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

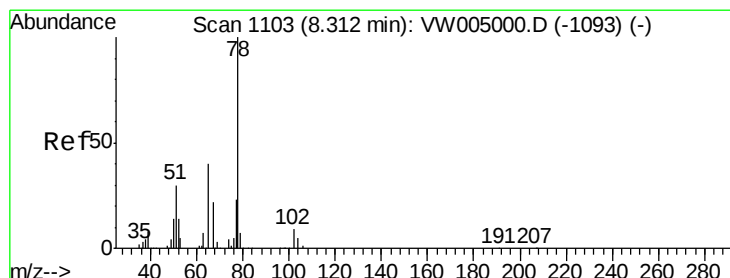
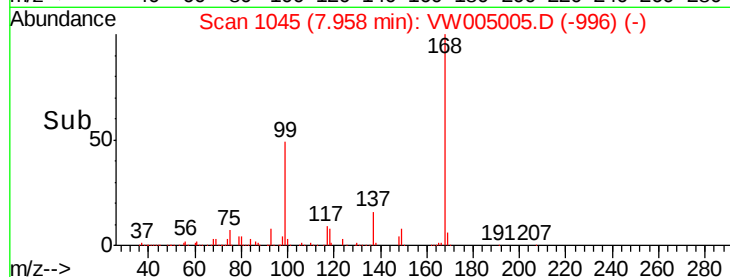
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.597 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005005.D

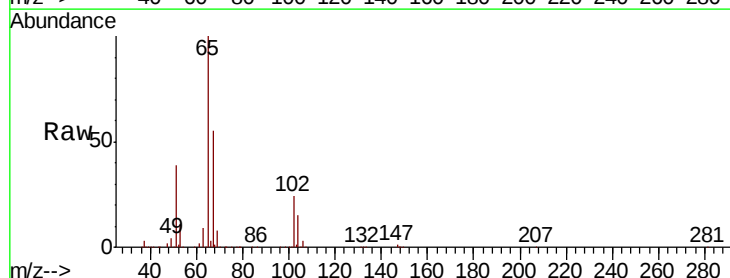
Acq: 29 Aug 2018 15:54

Tgt Ion: 65 Resp: 184058

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

60000

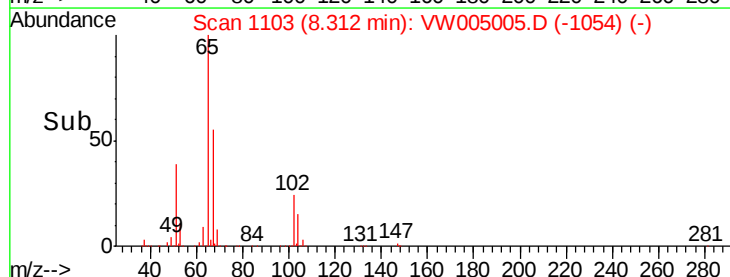
40000

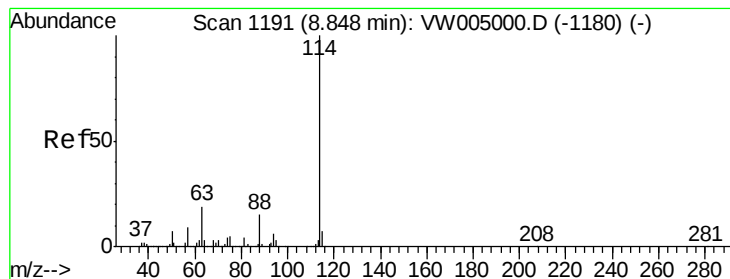
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005005.D

Acq: 29 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBL01

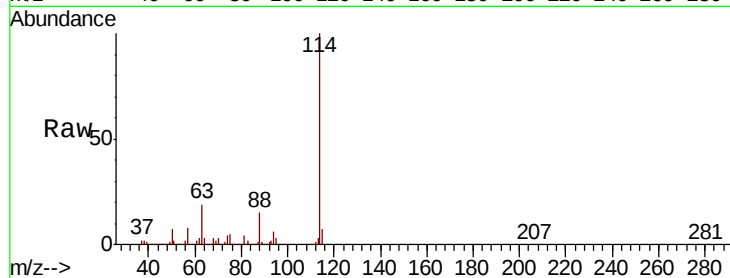
Tot Ion:114 Resp: 698907

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

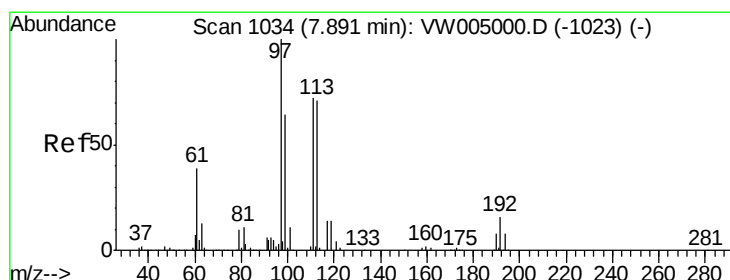
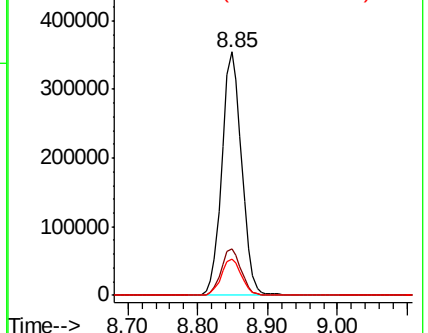
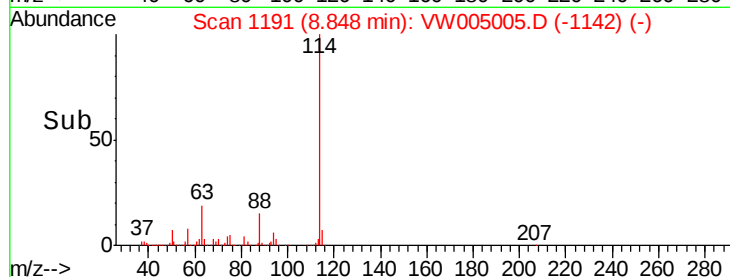
88 15.1 0.0 30.6



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: 55.806 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005005.D

Acq: 29 Aug 2018 15:54

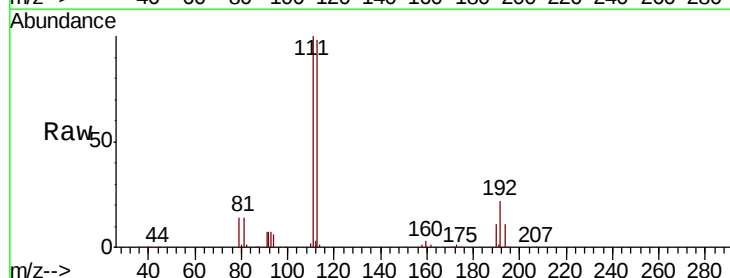
Tgt Ion:113 Resp: 193277

Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

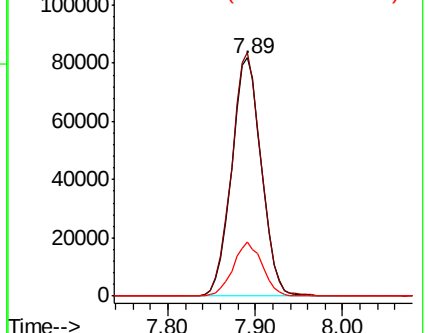
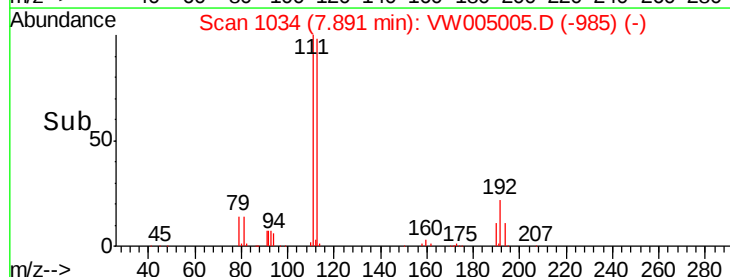
192 22.1 17.8 26.8

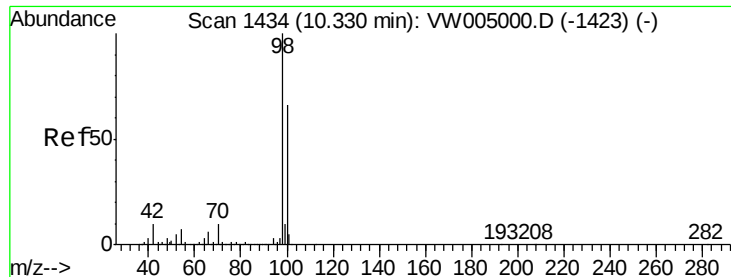


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.381 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005005.D

Acq: 29 Aug 2018 15:54

Instrument :

MSVOA_W

ClientSampleId :

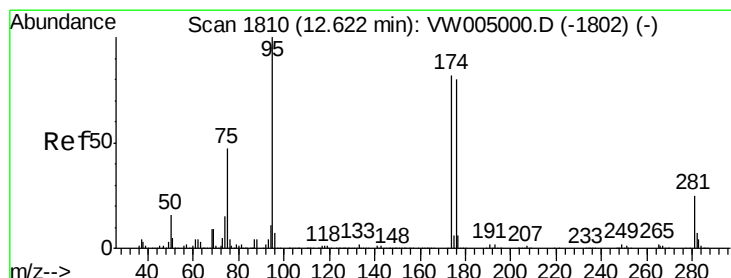
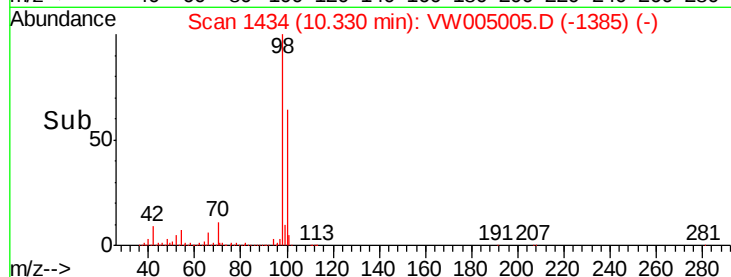
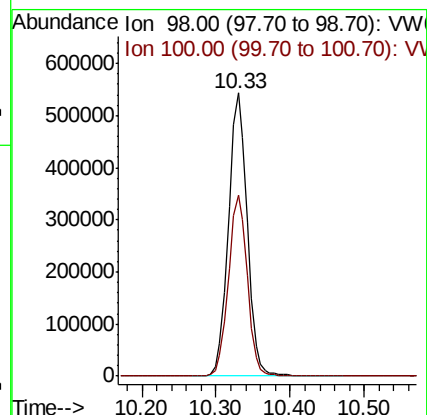
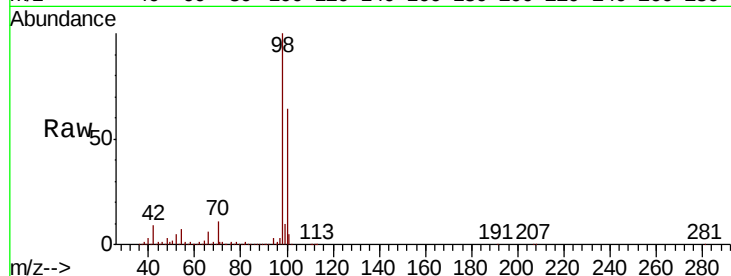
VW0829SBL01

Tot Ion: 98 Resp: 957988

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.081 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005005.D

Acq: 29 Aug 2018 15:54

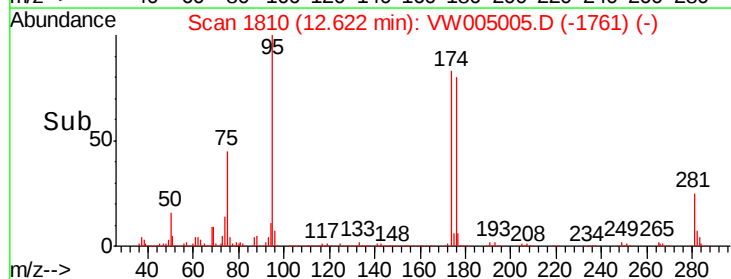
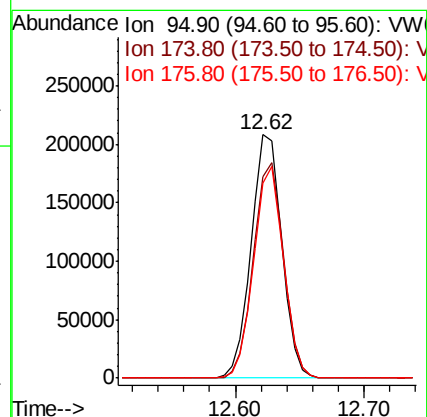
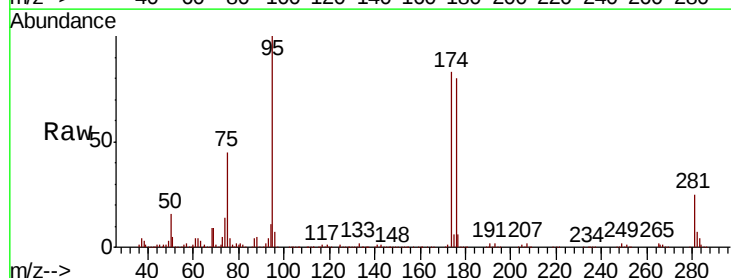
Tgt Ion: 95 Resp: 340260

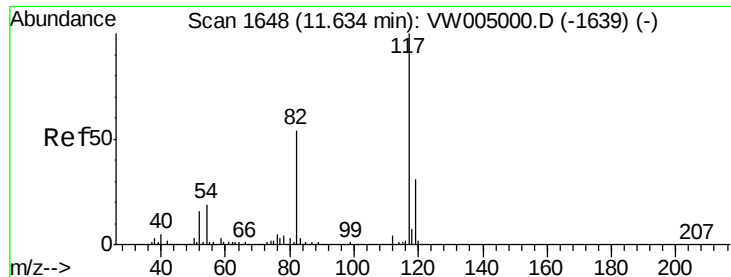
Ion Ratio Lower Upper

95 100

174 87.9 0.0 173.4

176 84.7 0.0 167.8

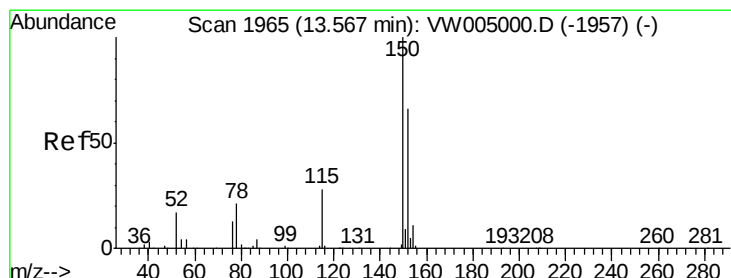
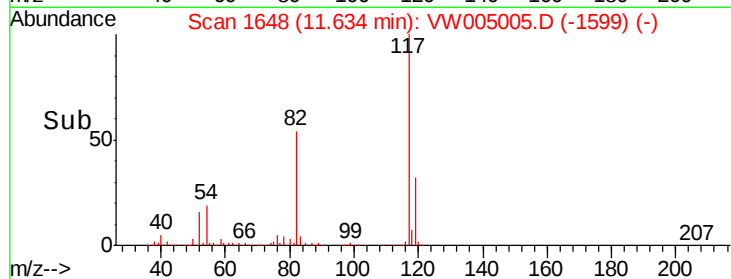
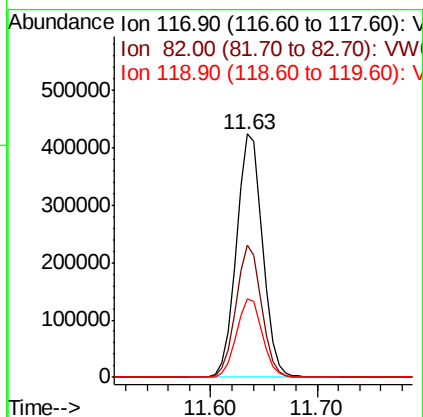
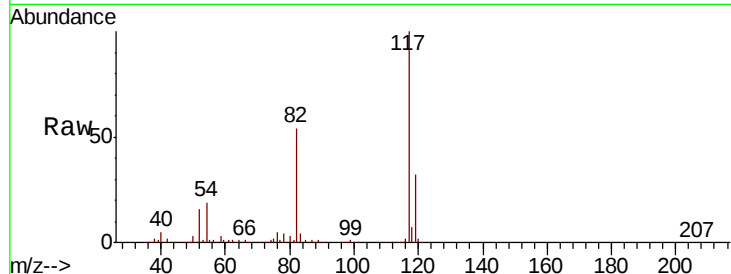




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005005.D
Acq: 29 Aug 2018 15:54

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.3	64.9
119	32.3	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005005.D
Acq: 29 Aug 2018 15:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	83.9
150	157.1	0.0	347.2

