

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004860.D
 Acq On : 22 Aug 2018 01:28
 Operator : SY/AP
 Sample : VW0821SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL02

Quant Time: Aug 22 07:25:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	513725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	848916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	822935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	400367	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	290243	58.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.88%	
35) Dibromofluoromethane	7.88	113	287611	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.33	98	1050172	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	365563	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

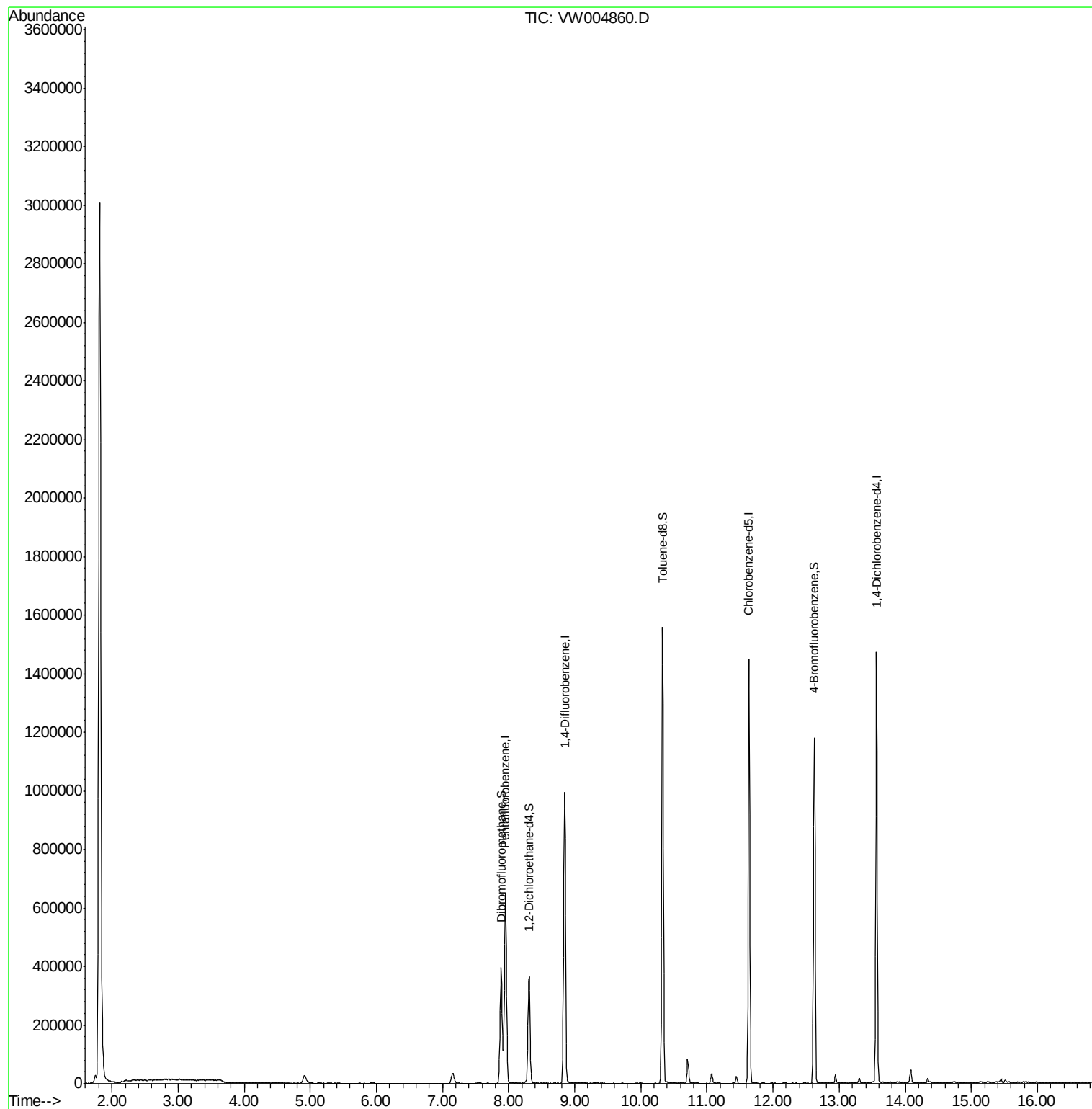
Target Compounds	Qvalue
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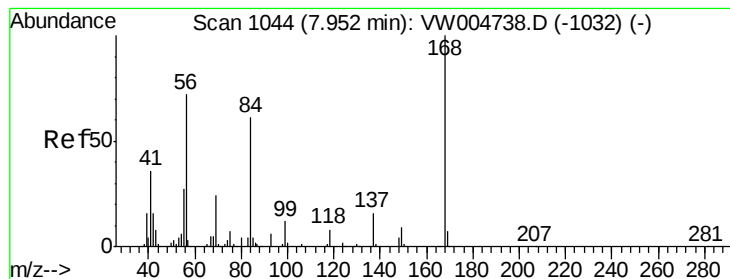
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004860.D

Acq: 22 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

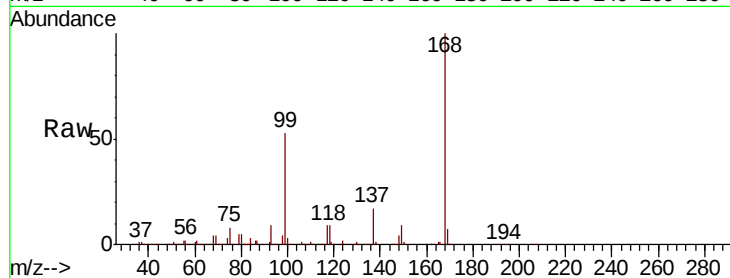
VW0821SBL02

Tot Ion:168 Resp: 513725

Ion Ratio Lower Upper

168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

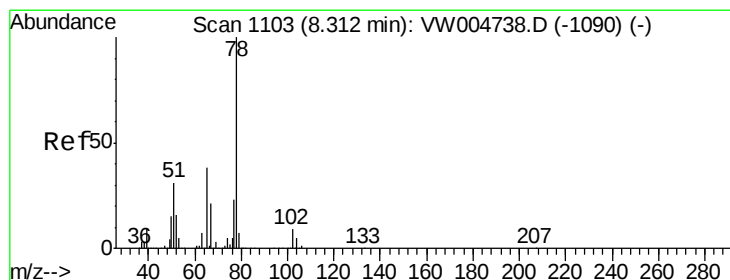
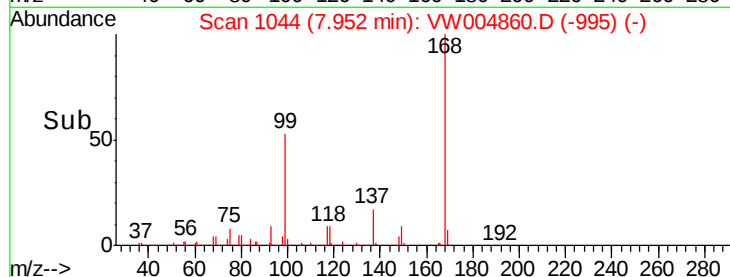
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 58.44 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004860.D

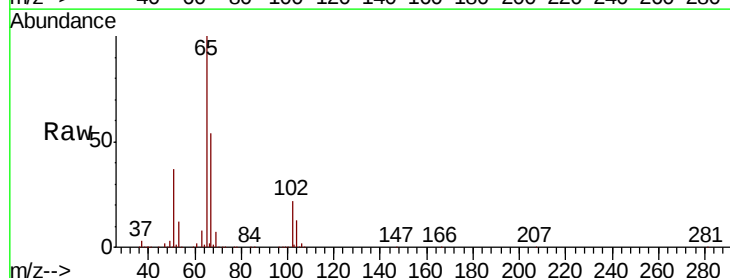
Acq: 22 Aug 2018 01:28

Tgt Ion: 65 Resp: 290243

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

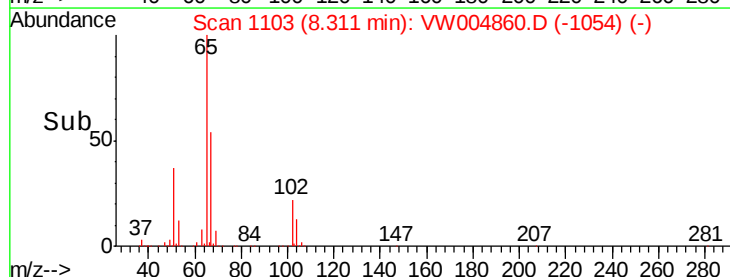
150000

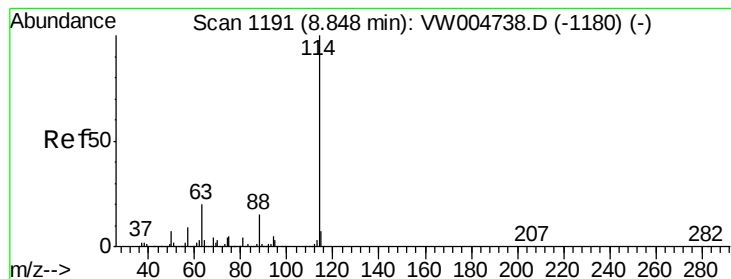
100000

50000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004860.D

Acq: 22 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBL02

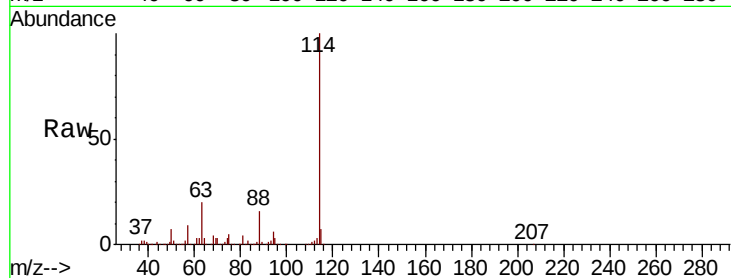
Tot Ion:114 Resp: 848916

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

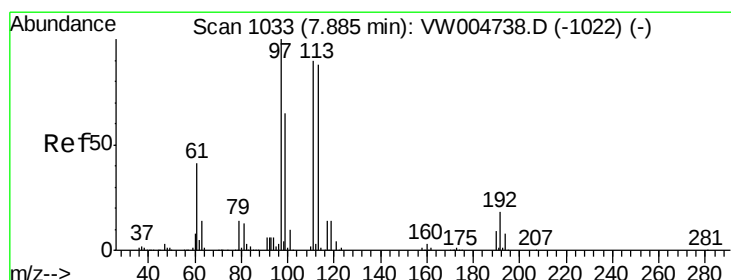
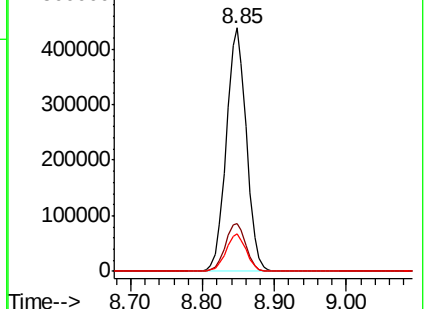
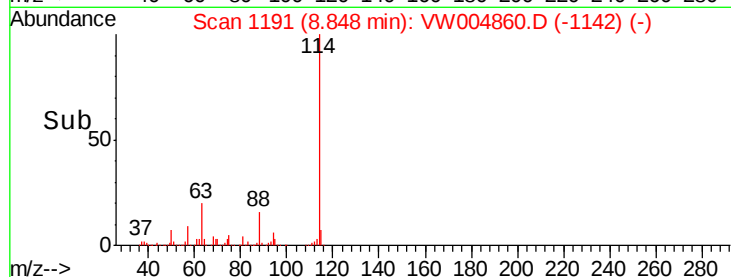
88 15.7 0.0 30.0



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: 53.01 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004860.D

Acq: 22 Aug 2018 01:28

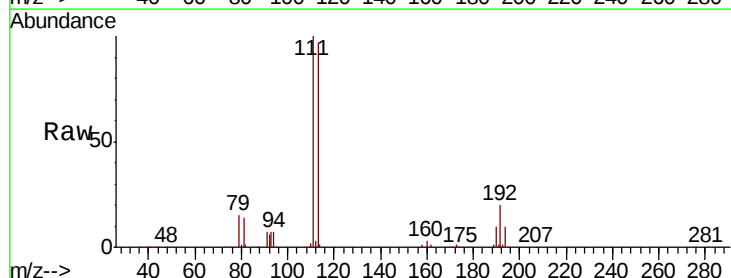
Tgt Ion:113 Resp: 287611

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

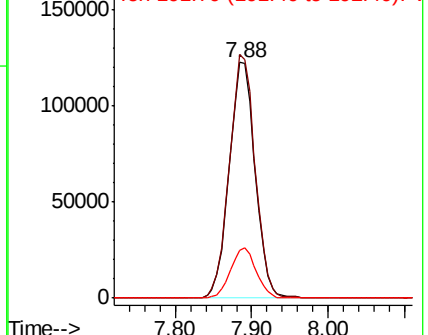
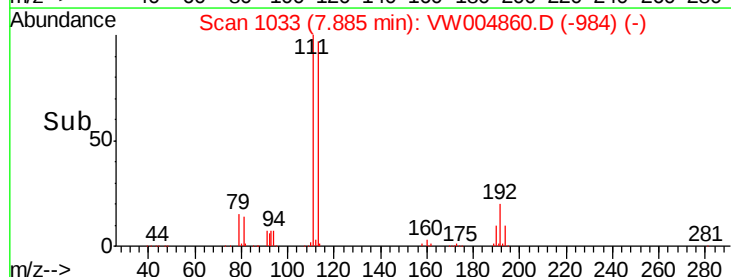
192 20.9 16.7 25.1

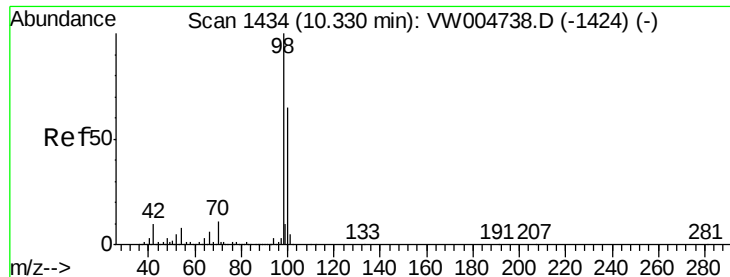


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.58 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004860.D

Acq: 22 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

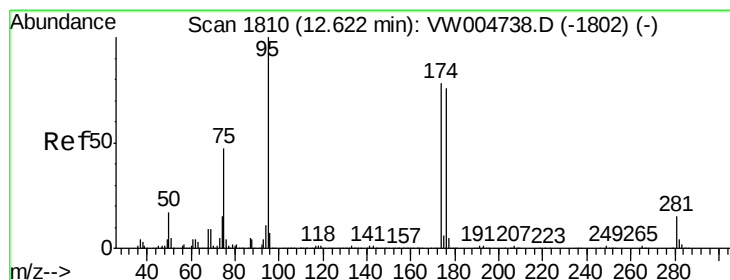
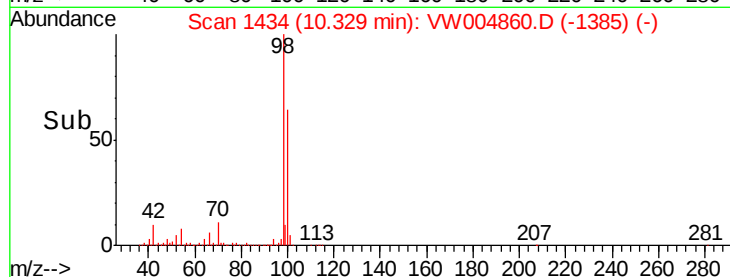
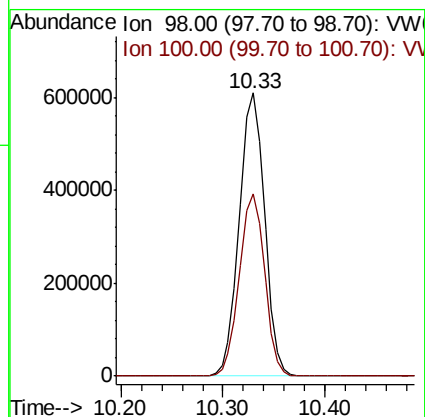
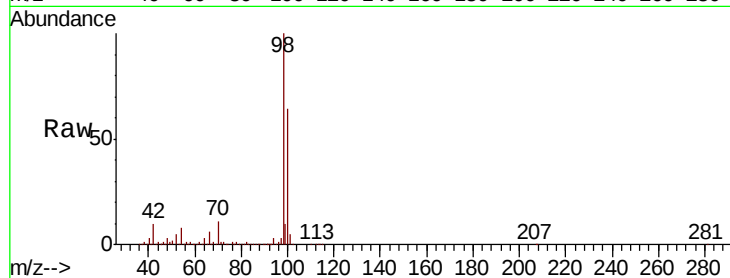
VW0821SBL02

Tot Ion: 98 Resp: 1050172

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 47.98 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004860.D

Acq: 22 Aug 2018 01:28

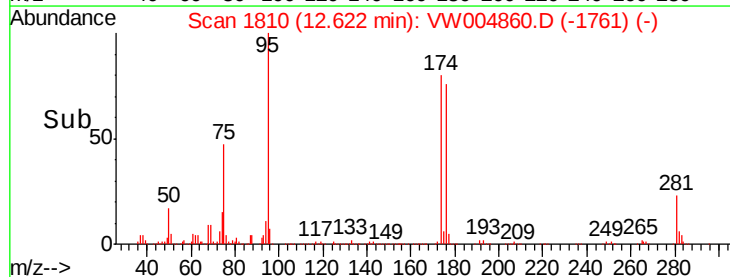
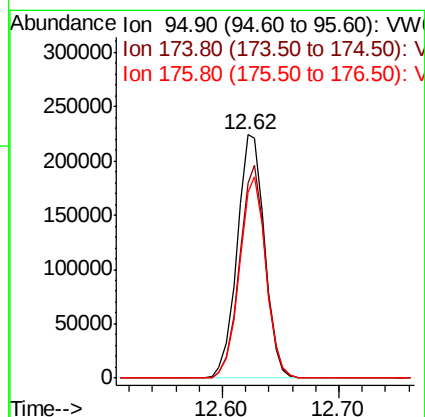
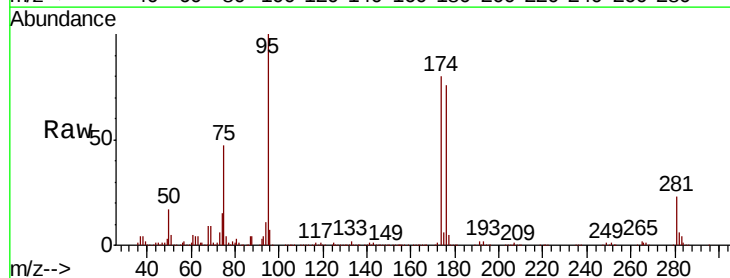
Tgt Ion: 95 Resp: 365563

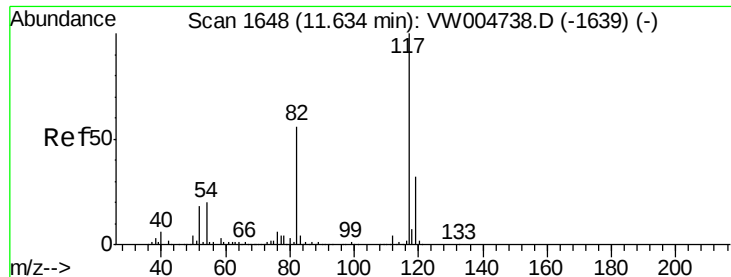
Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

176 80.3 0.0 159.8

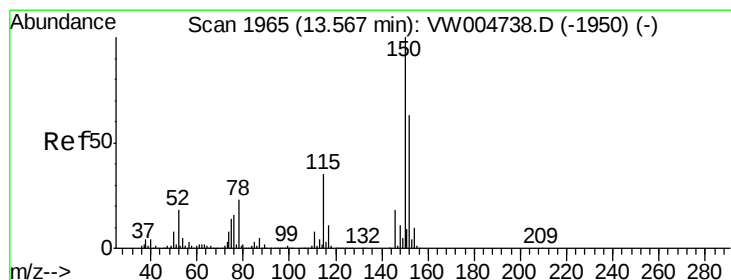
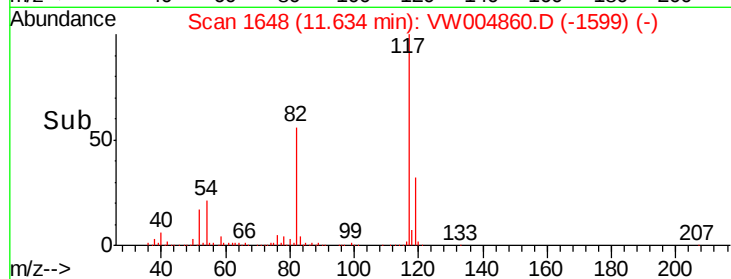
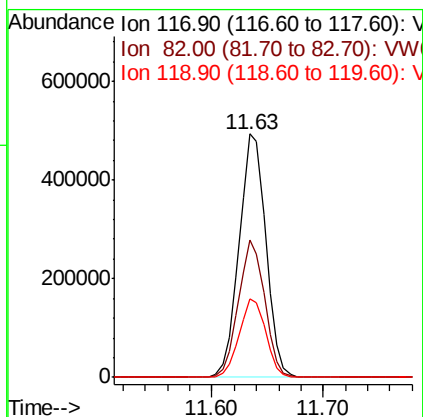
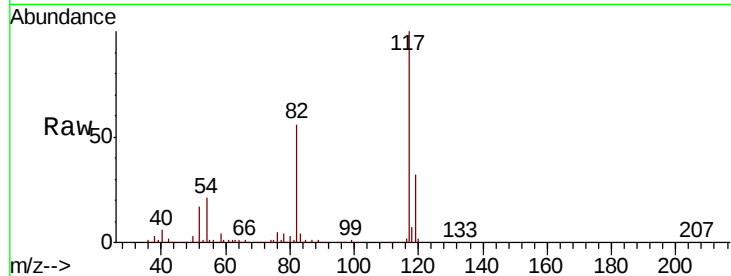




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004860.D
Acq: 22 Aug 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.6	67.0
119	32.2	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004860.D
Acq: 22 Aug 2018 01:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.5	85.5
150	157.7	0.0	344.8

