

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004840.D
 Acq On : 21 Aug 2018 14:45
 Operator : SY/AP
 Sample : J4538-04RE
 Misc : 14.09G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSS4RE

Quant Time: Aug 22 05:46:43 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	462473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	808634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	731343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	275651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	292606	65.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.88%	
35) Dibromofluoromethane	7.89	113	283293	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
50) Toluene-d8	10.33	98	909441	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.63	95	270960	37.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.66%	

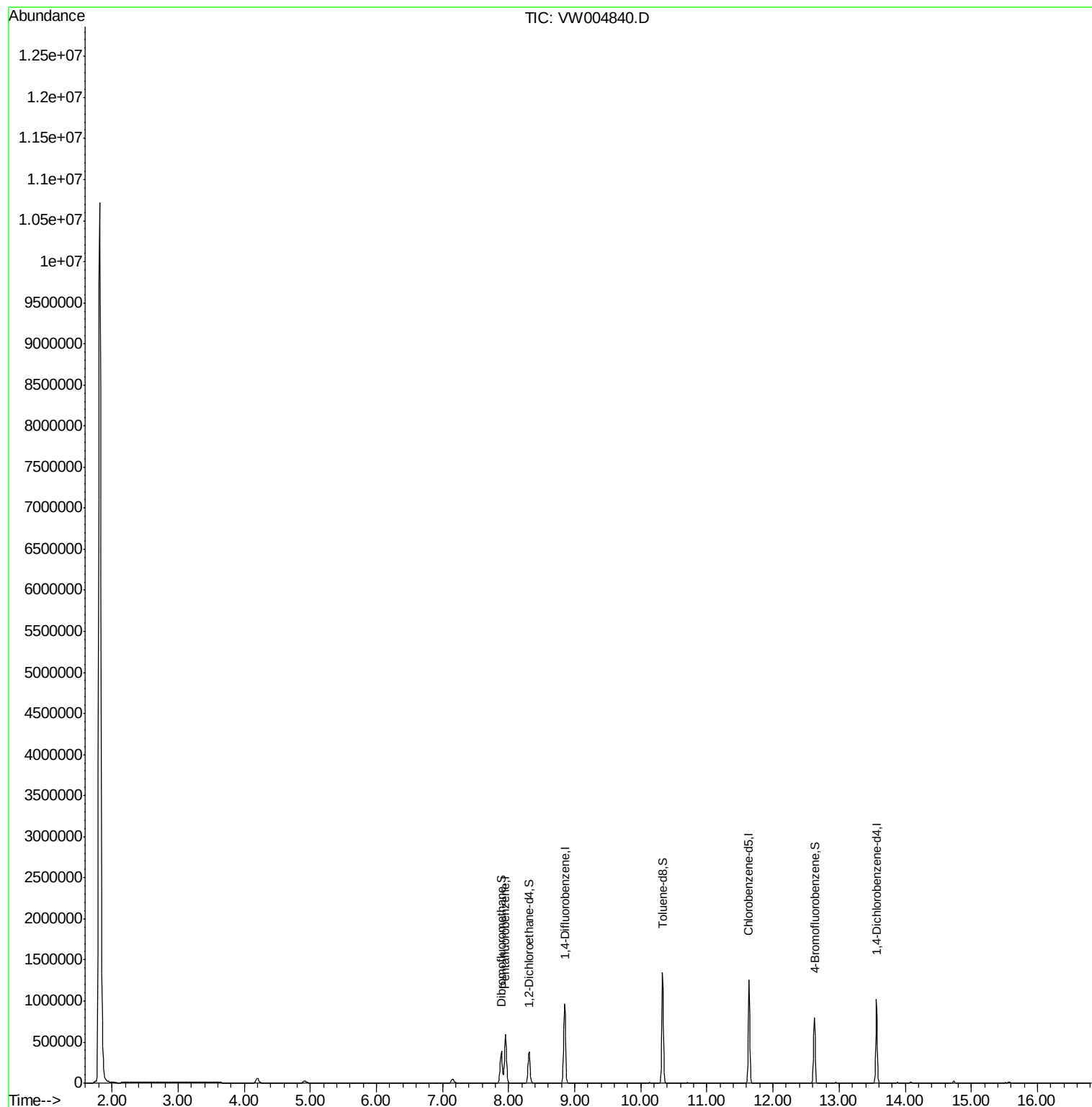
Target Compounds	Qvalue

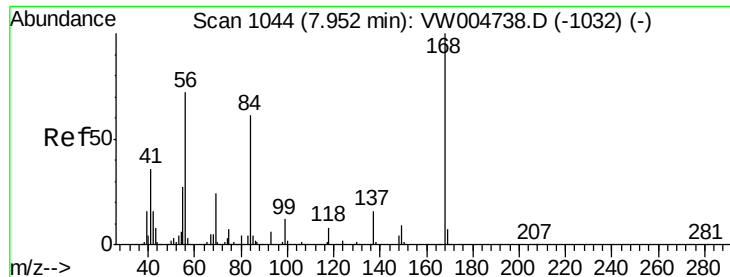
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004840.D

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ClientSampleId :

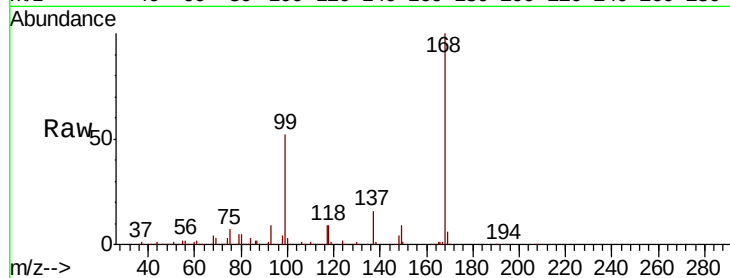
VSS4RE

Tot Ion:168 Resp: 462473

Ion Ratio Lower Upper

168 100

99 52.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

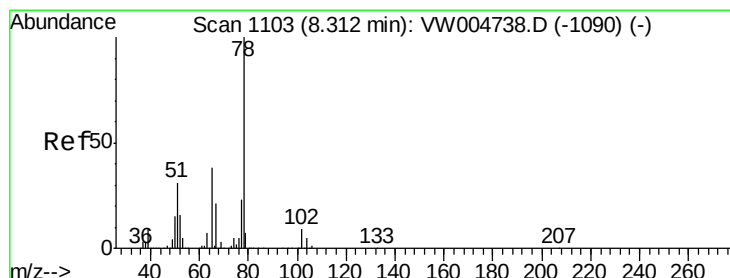
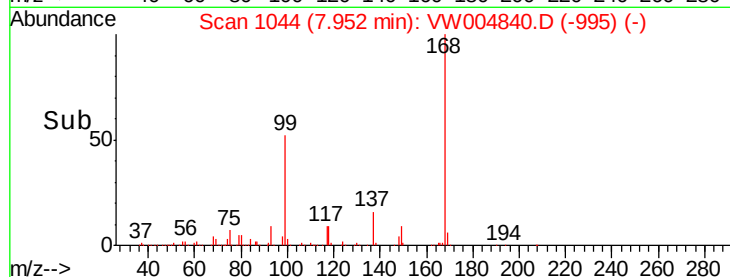
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 65.44 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004840.D

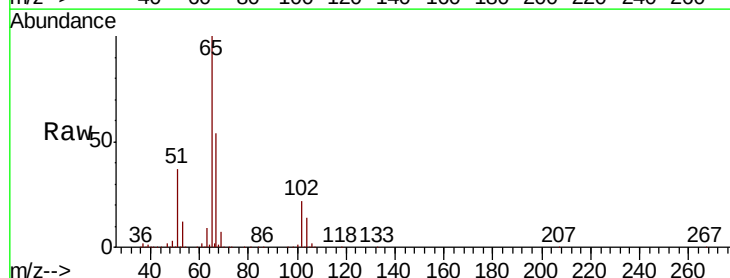
Acq: 21 Aug 2018 14:45

Tgt Ion: 65 Resp: 292606

Ion Ratio Lower Upper

65 100

67 54.2 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

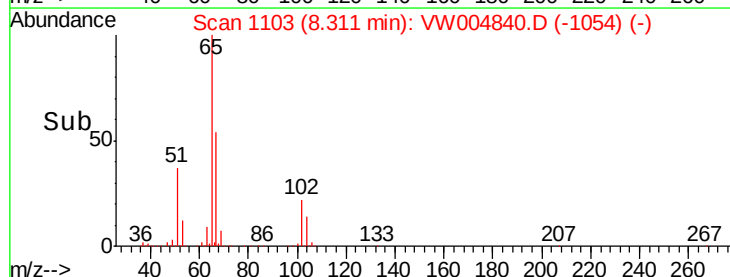
150000

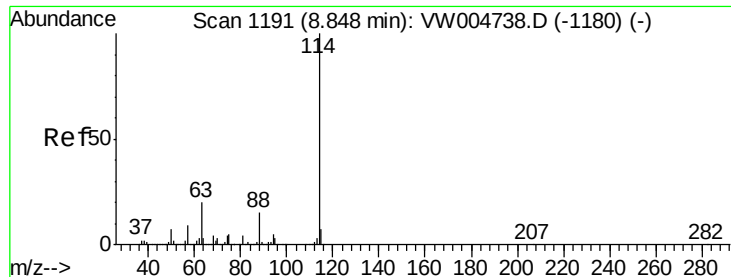
100000

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: VW004840.D

Acq: 21 Aug 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSS4RE

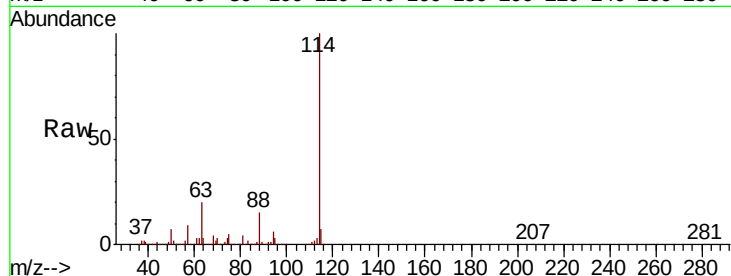
Tot Ion:114 Resp: 808634

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

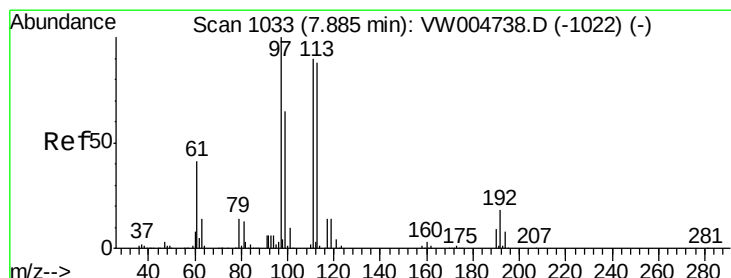
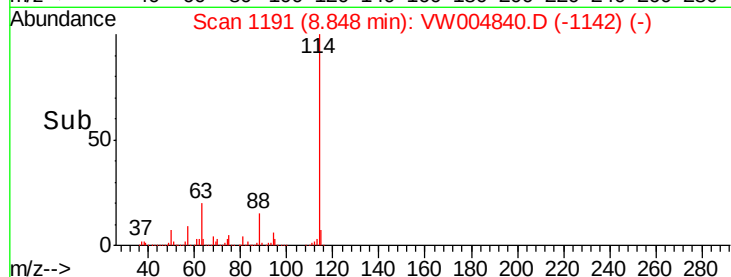
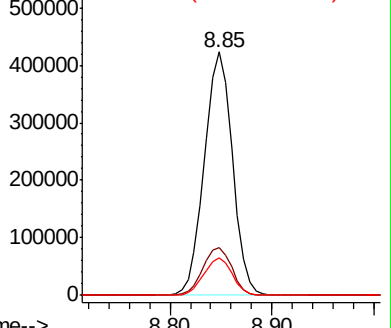
88 15.3 0.0 30.0



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: 54.81 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

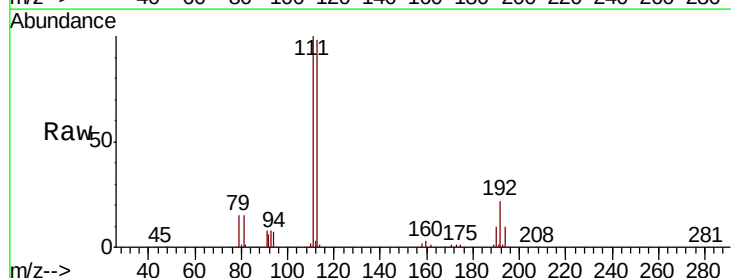
Tgt Ion:113 Resp: 283293

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

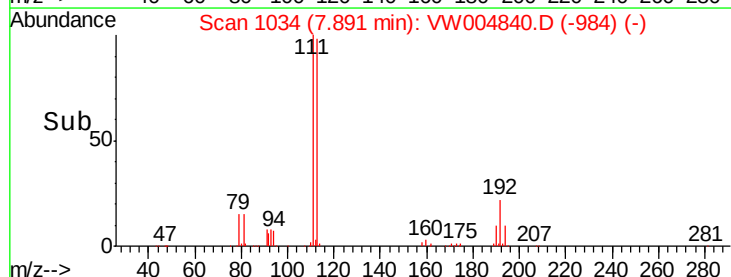
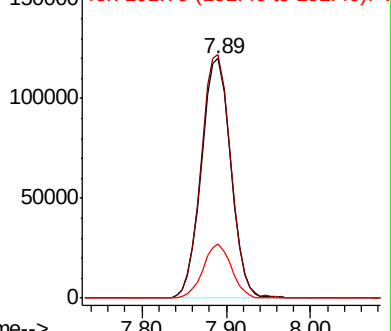
192 21.6 16.7 25.1

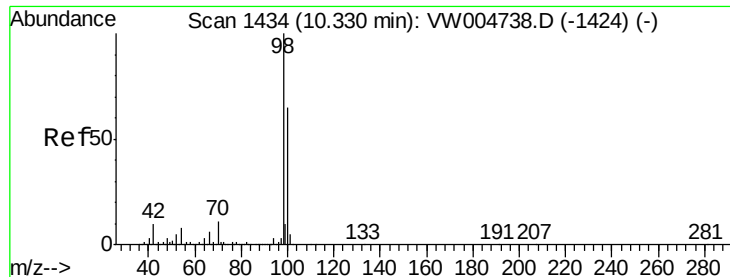


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.08 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

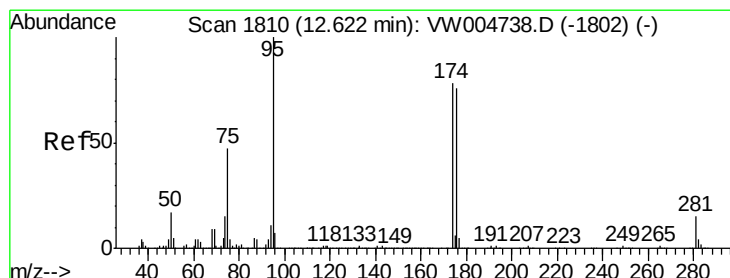
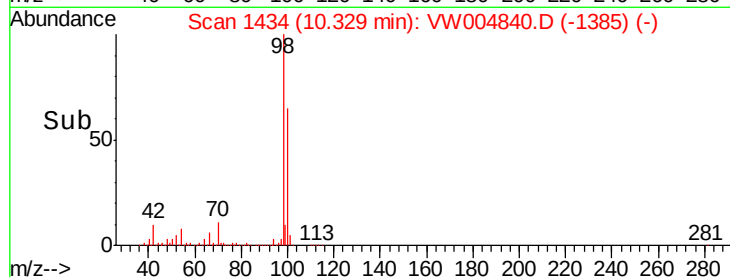
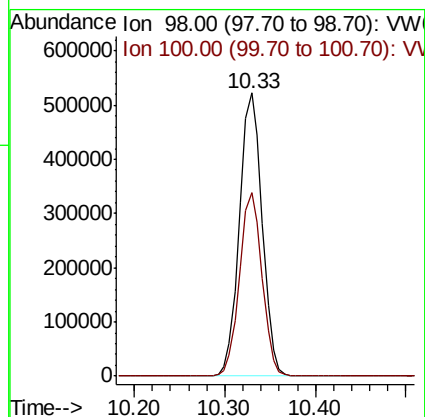
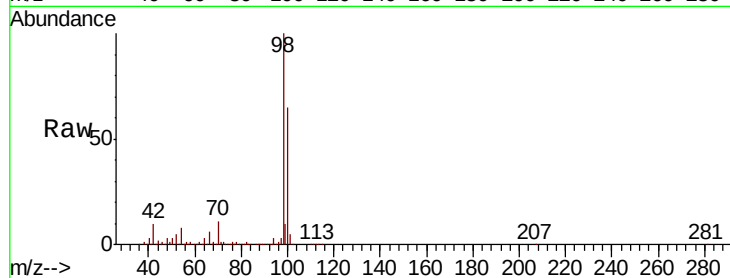
VSS4RE

Tot Ion: 98 Resp: 909441

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.33 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

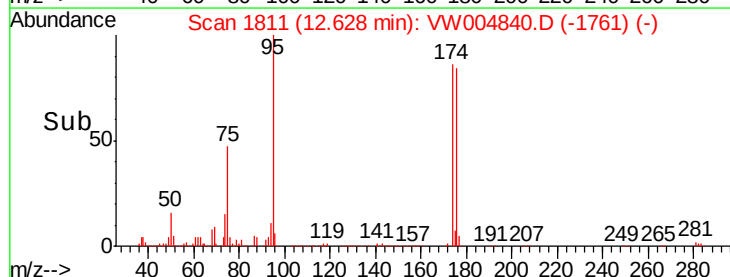
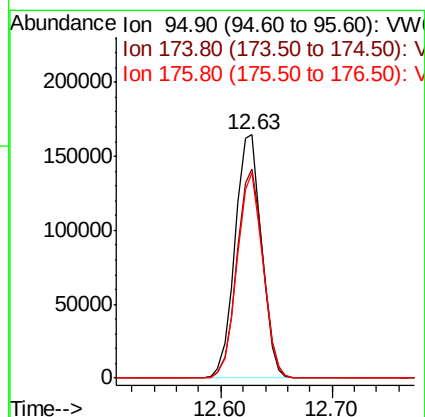
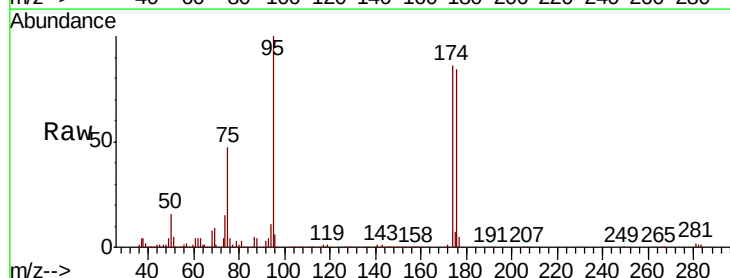
Tgt Ion: 95 Resp: 270960

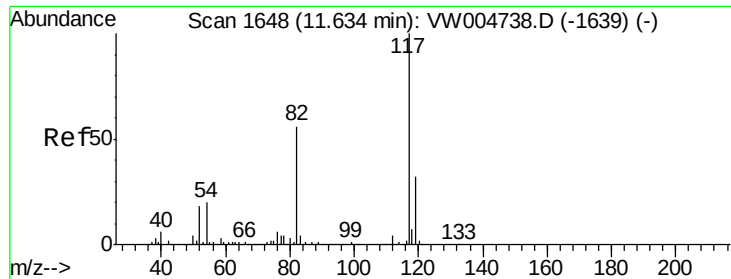
Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 82.1 0.0 159.8

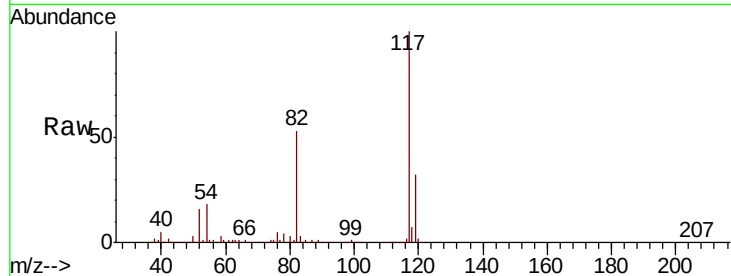




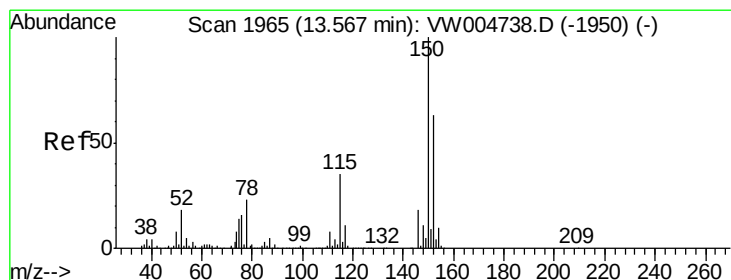
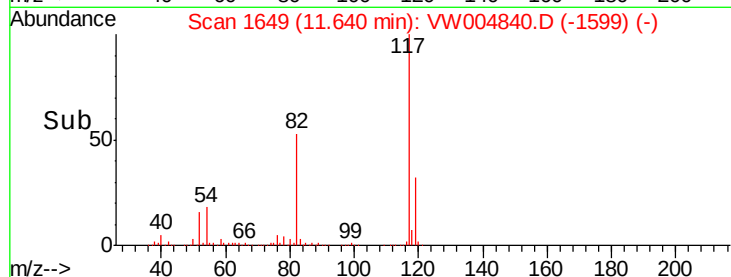
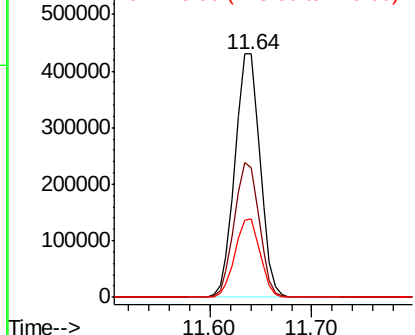
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSS4RE

Tot Ion:117 Resp: 731343
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 32.3 25.6 38.4

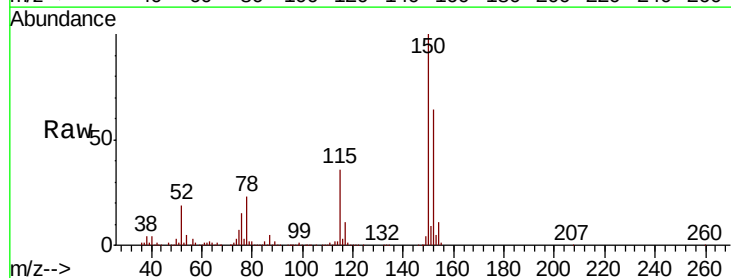


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

Tgt Ion:152 Resp: 275651
Ion Ratio Lower Upper
152 100
115 57.2 28.5 85.5
150 157.5 0.0 344.8



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

