

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002345.D
 Acq On : 09 May 2018 23:40
 Operator : JC/SY
 Sample : VW0509SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBL01

Quant Time: May 10 07:22:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	311989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161555	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118423	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	7.88	113	107695	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.33	98	408179	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.63	95	143895	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

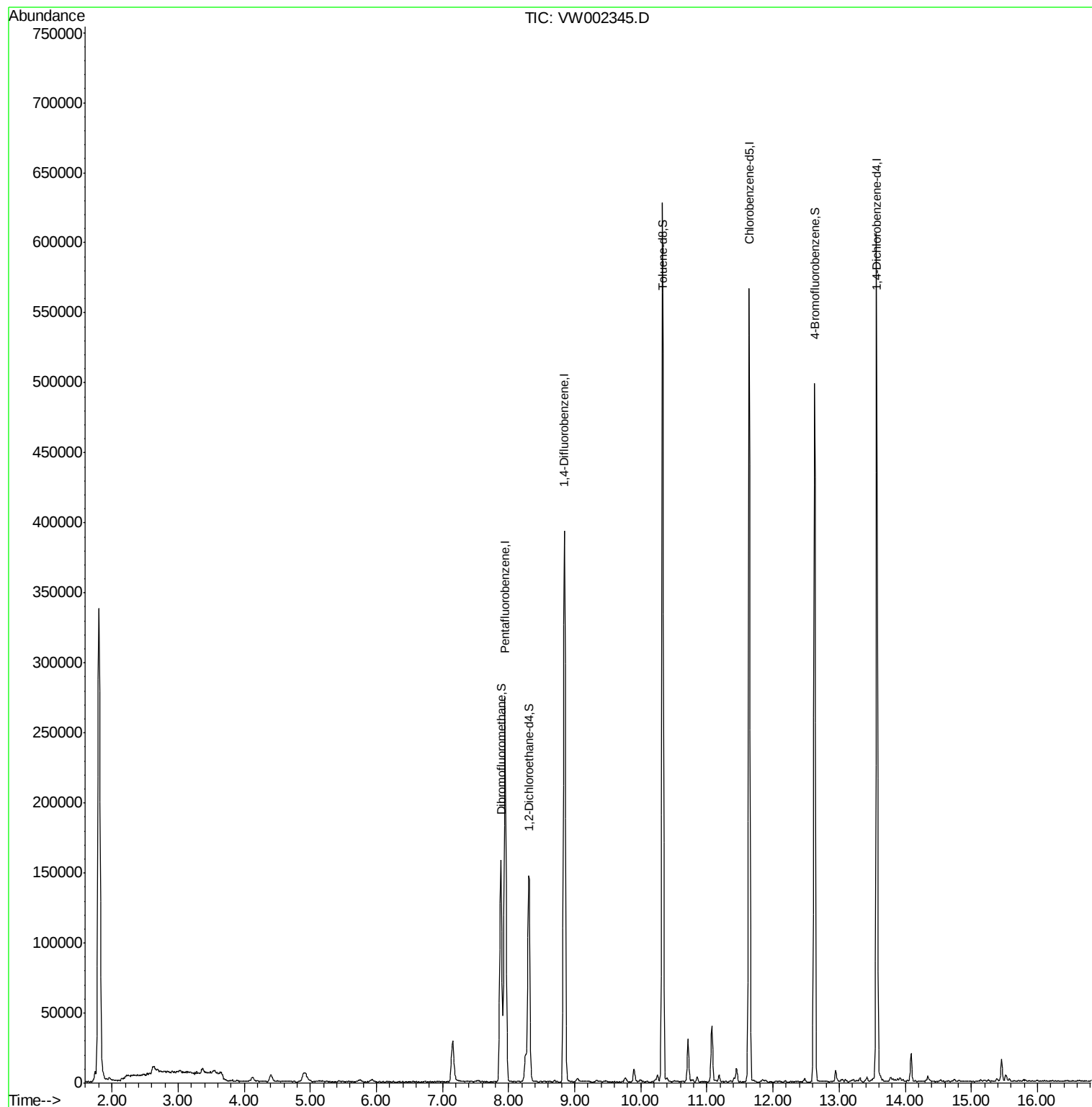
Target Compounds	Qvalue

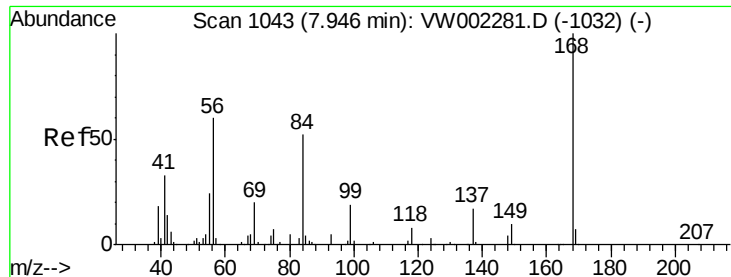
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

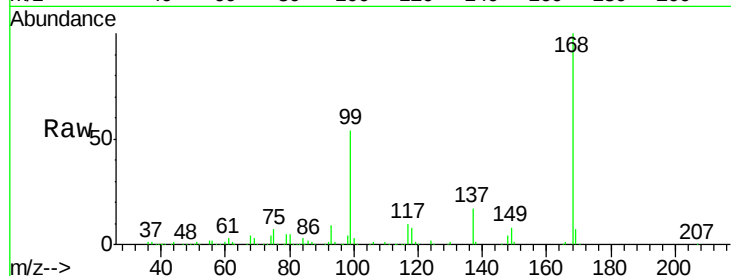
VW0509SBL01

Tot Ion:168 Resp: 212379

Ion Ratio Lower Upper

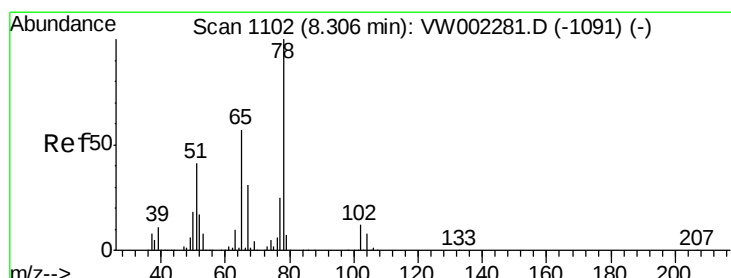
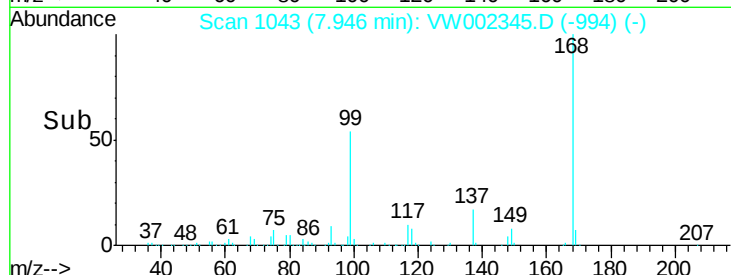
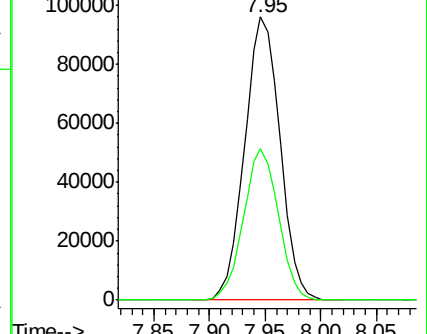
168 100

99 53.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.51 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002345.D

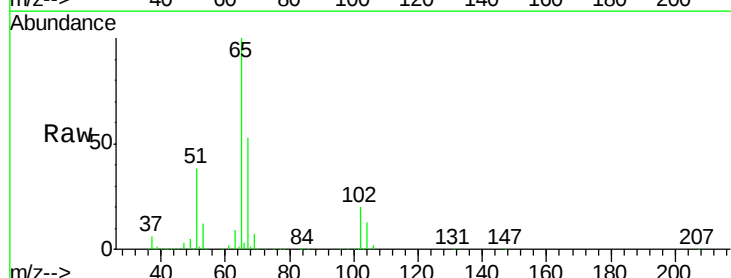
Acq: 09 May 2018 23:40

Tgt Ion: 65 Resp: 118423

Ion Ratio Lower Upper

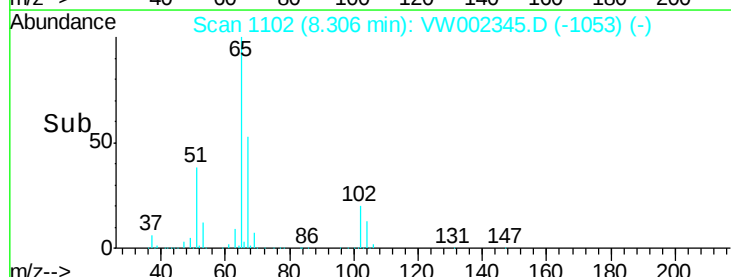
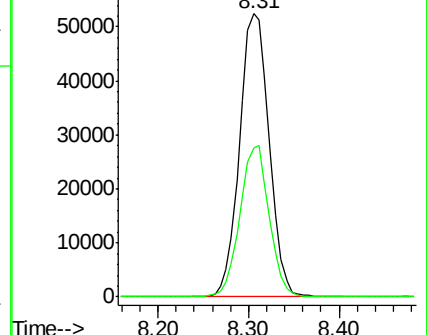
65 100

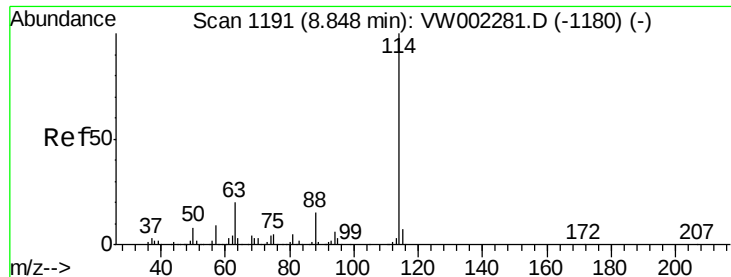
67 52.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

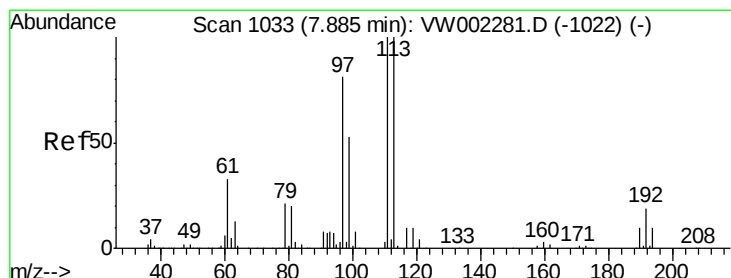
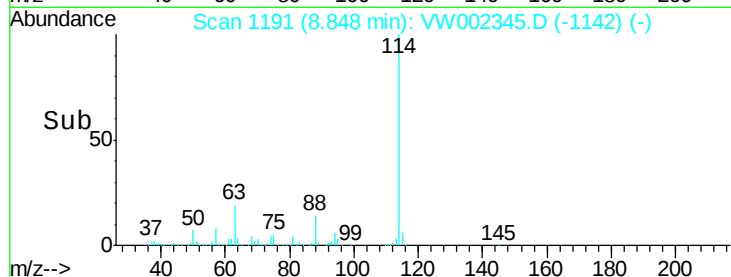
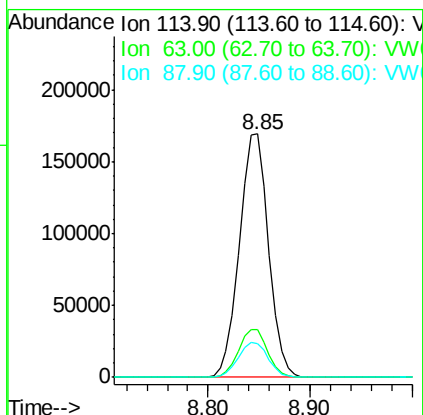
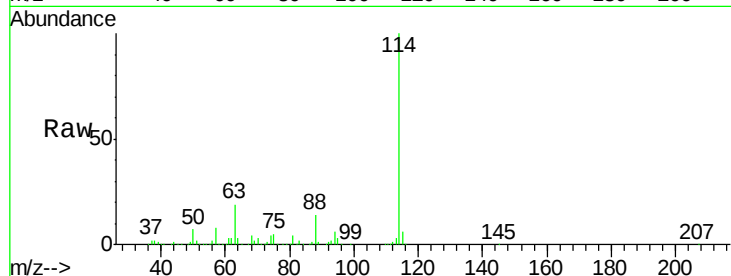




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

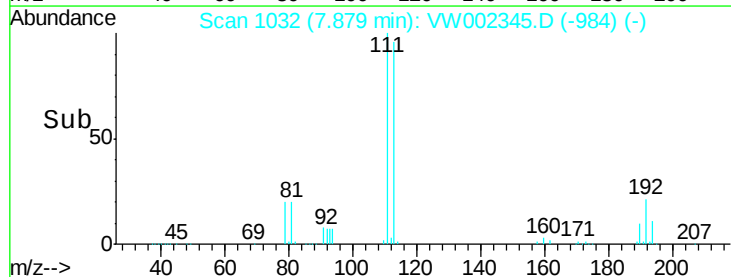
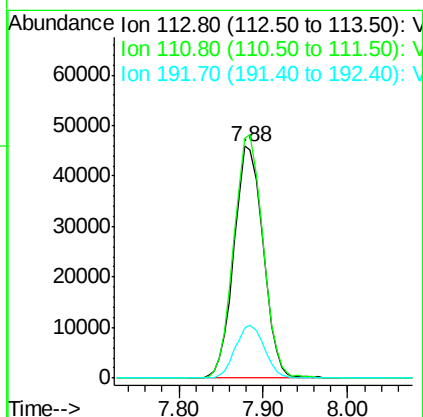
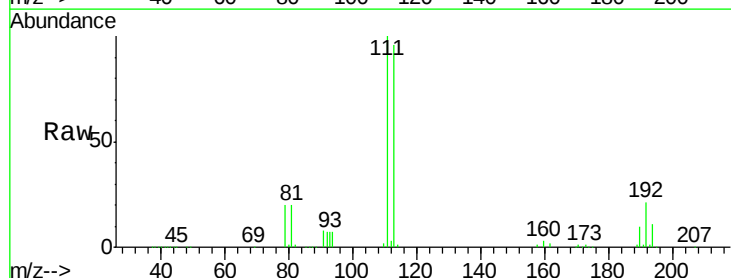
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBL01

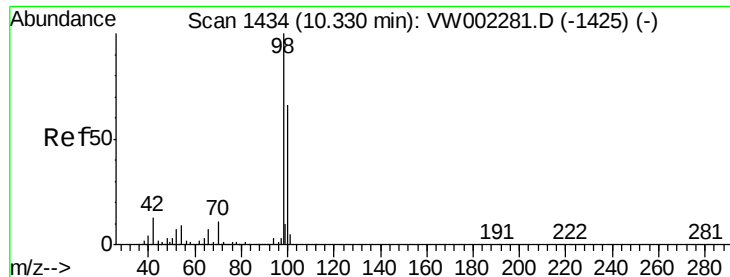
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	14.0	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 50.07 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002345.D
 Acq: 09 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.5	122.3
192	22.7	16.4	24.6





#50

Toluene-d8

Concen: 49.77 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

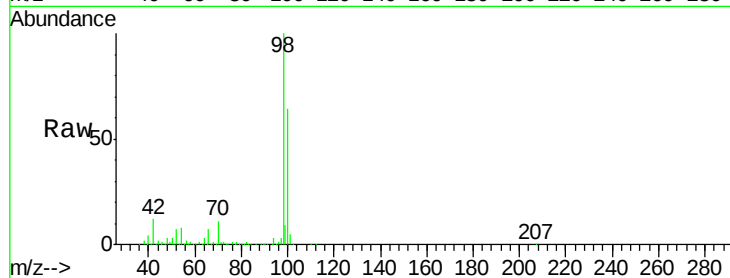
VW0509SBL01

Tot Ion: 98 Resp: 408179

Ion Ratio Lower Upper

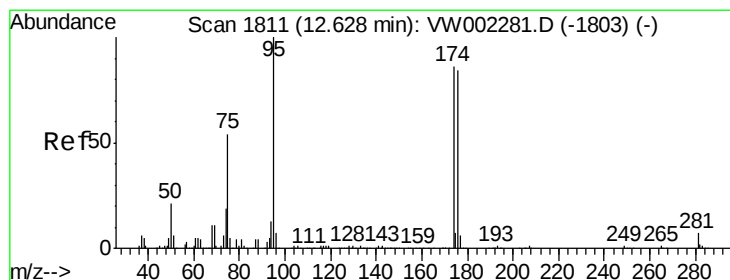
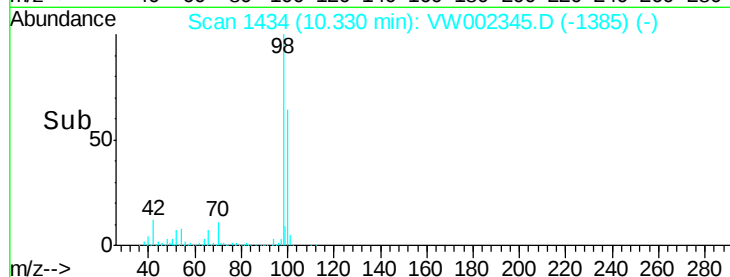
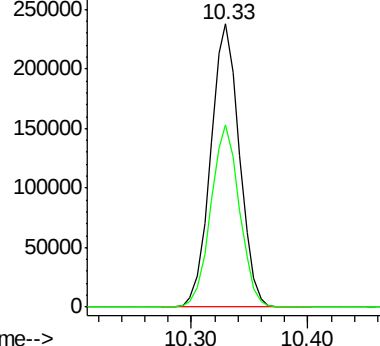
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.55 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002345.D

Acq: 09 May 2018 23:40

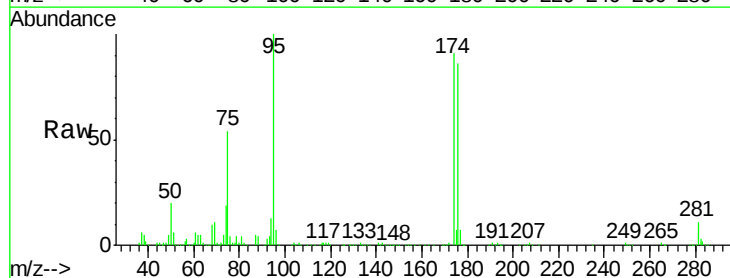
Tgt Ion: 95 Resp: 143895

Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.8

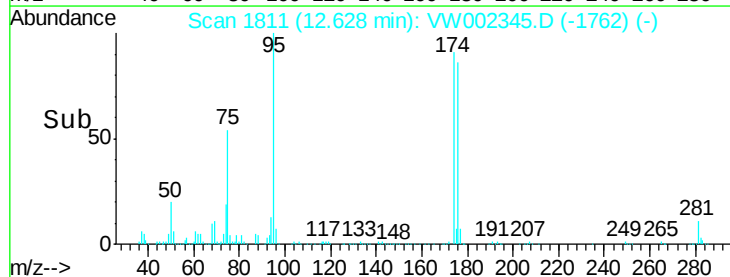
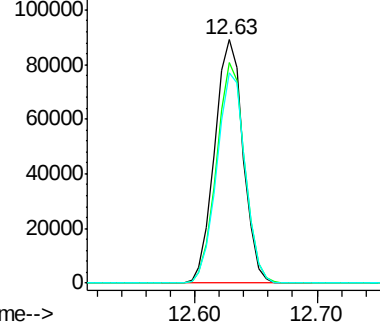
176 86.6 0.0 170.4

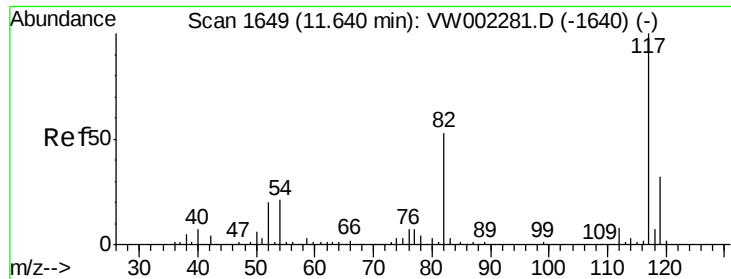


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

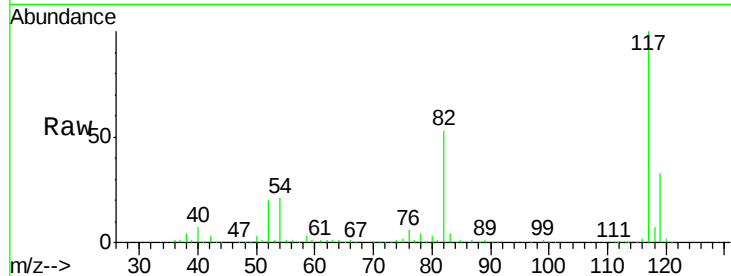




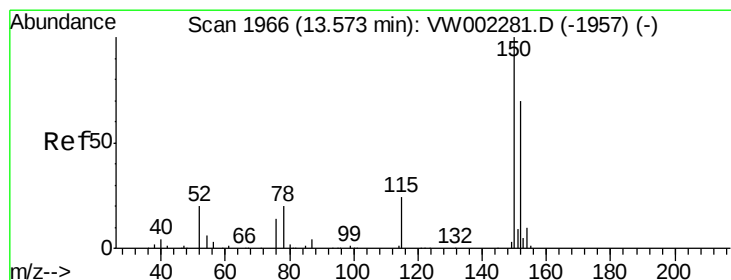
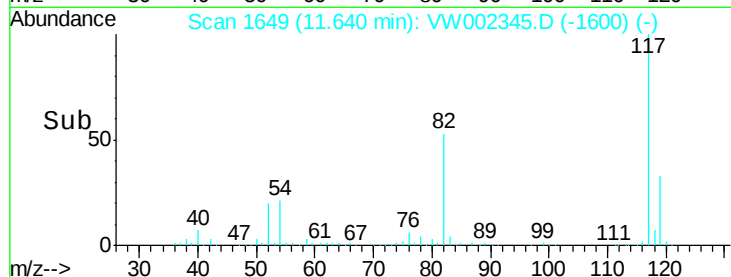
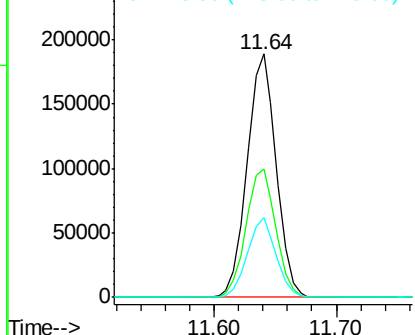
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002345.D
Acq: 09 May 2018 23:40

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBL01

Tot Ion:117 Resp: 311989
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.6 25.2 37.8

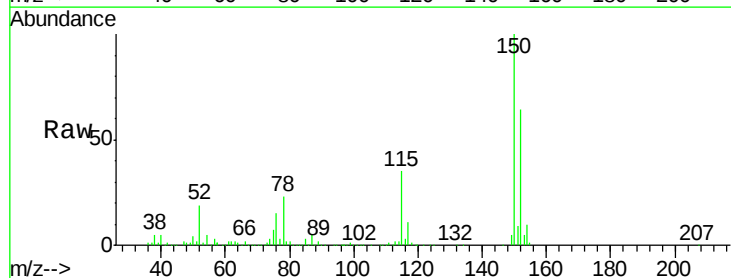


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002345.D
Acq: 09 May 2018 23:40

Tgt Ion:152 Resp: 161555
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 157.7 0.0 342.6



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

