

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000964.D
 Acq On : 24 Jan 2018 22:45
 Operator : JC/SY
 Sample : VW0124SBL02
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBL02

Quant Time: Jan 25 12:03:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	359315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	323692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123552	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.88	113	98897	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	10.34	98	428670	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.63	95	146327	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

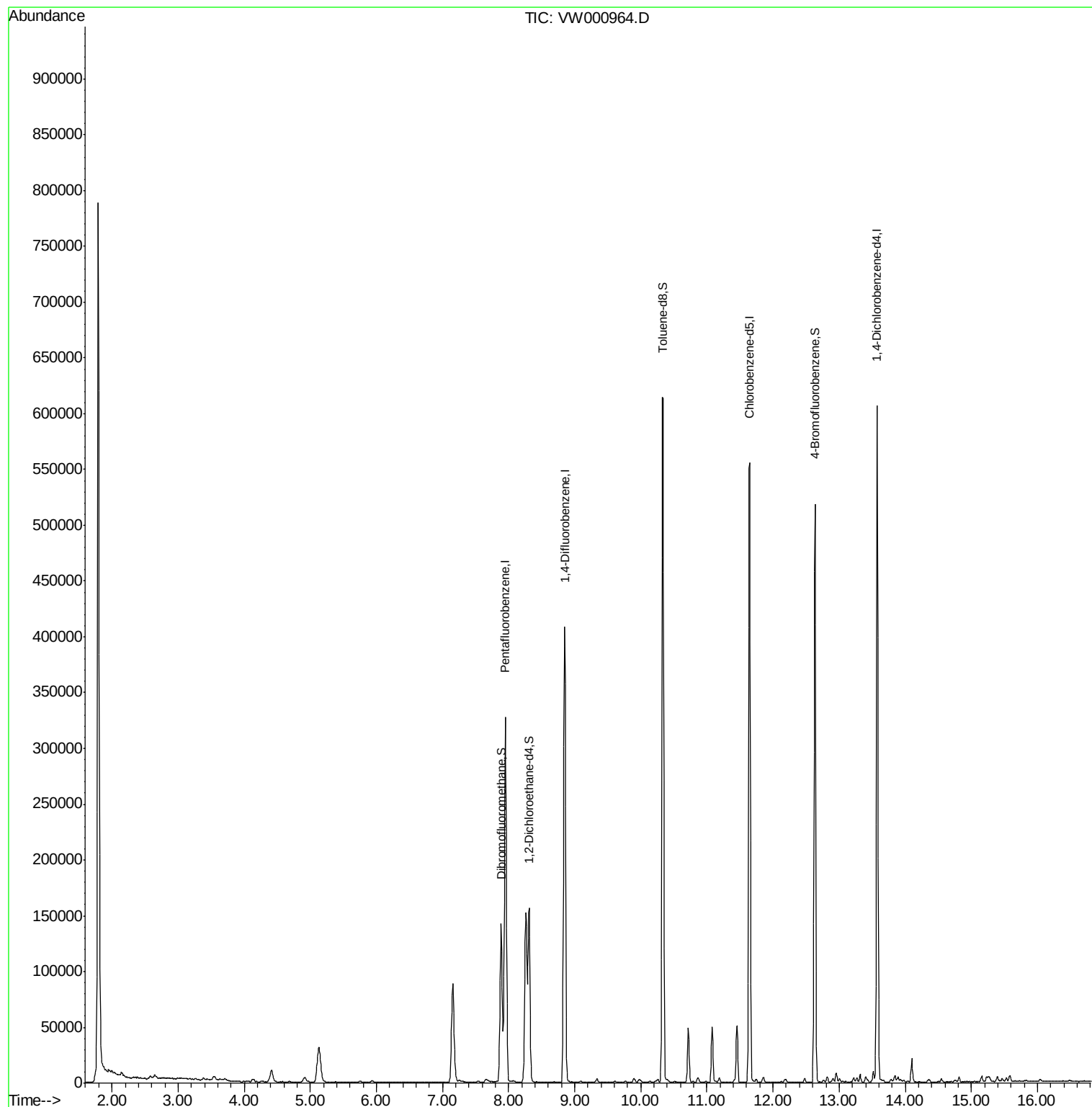
Target Compounds	Qvalue

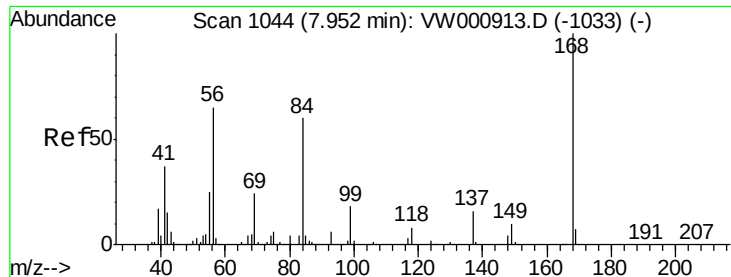
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW000964.D

Acq: 24 Jan 2018 22:45

Instrument :

MSVOA_W

ClientSampleId :

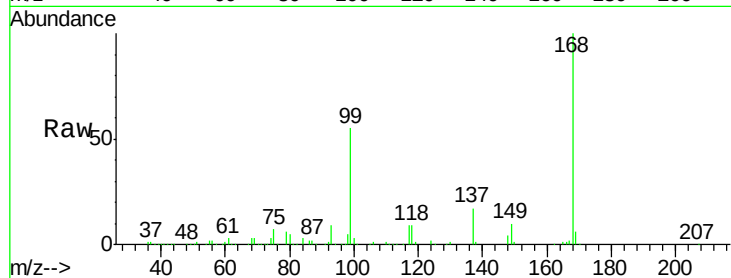
VW0124SBL02

Tot Ion:168 Resp: 249324

Ion Ratio Lower Upper

168 100

99 54.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

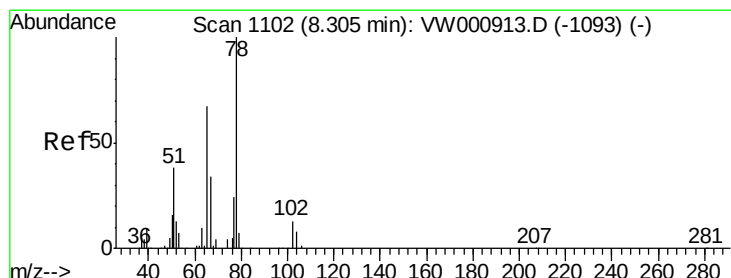
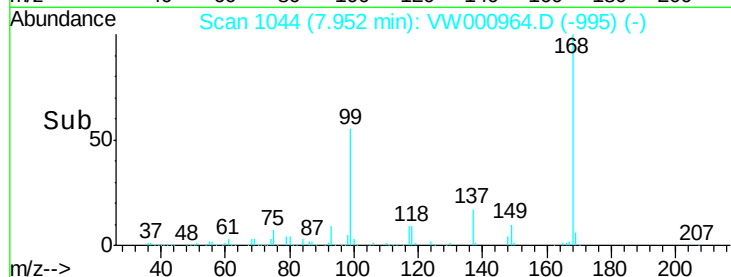
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.70 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW000964.D

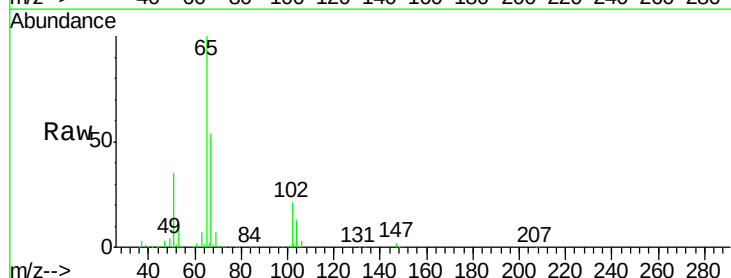
Acq: 24 Jan 2018 22:45

Tgt Ion: 65 Resp: 123552

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

30000

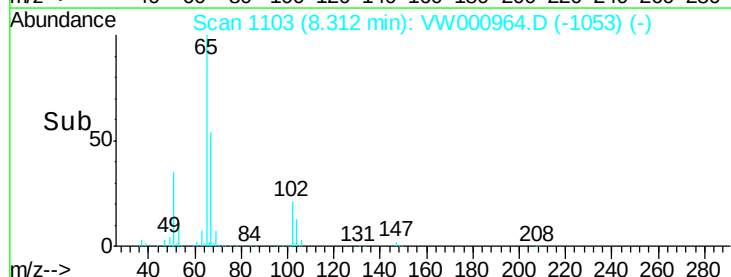
20000

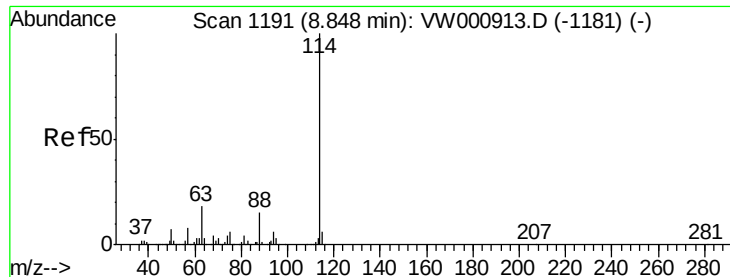
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW000964.D

Acq: 24 Jan 2018 22:45

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBL02

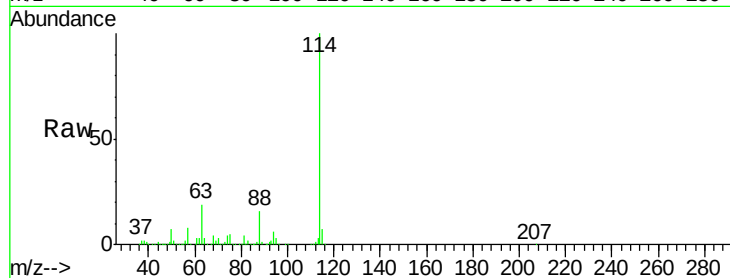
Tot Ion:114 Resp: 359315

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

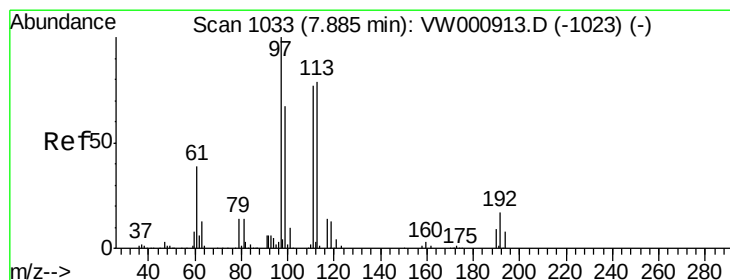
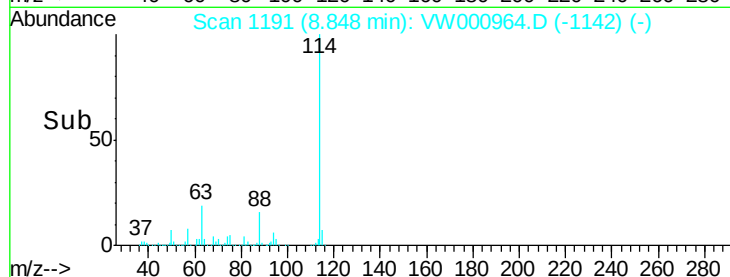
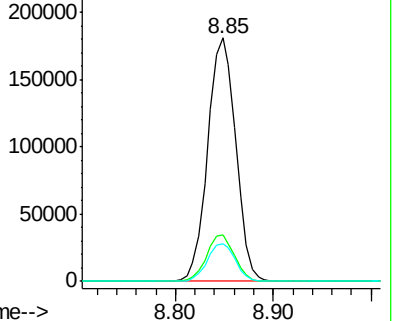
88 15.5 0.0 29.8



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: 44.93 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW000964.D

Acq: 24 Jan 2018 22:45

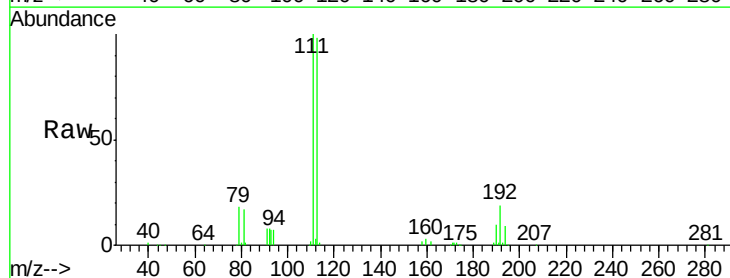
Tgt Ion:113 Resp: 98897

Ion Ratio Lower Upper

113 100

111 101.5 80.4 120.6

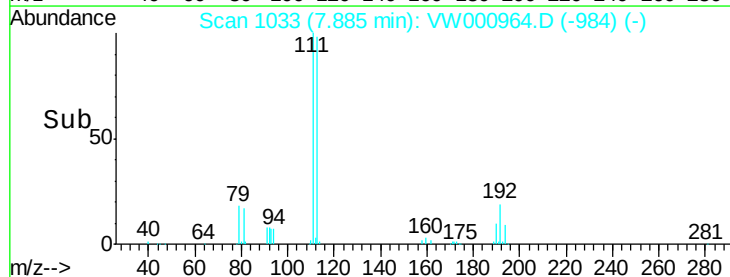
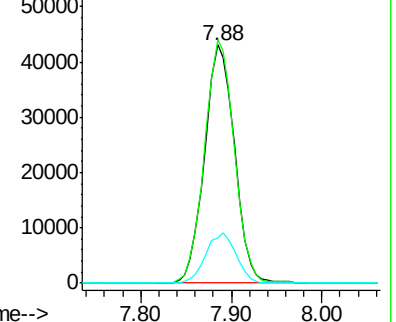
192 21.3 17.0 25.4

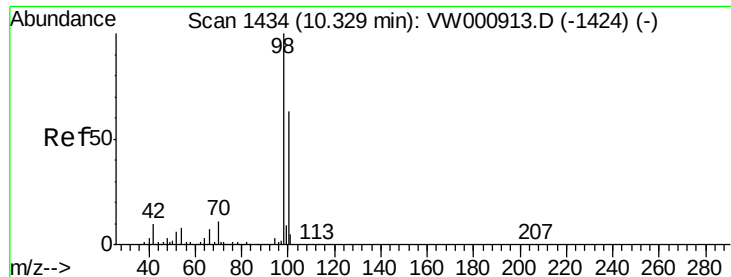


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.40 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW000964.D

Acq: 24 Jan 2018 22:45

Instrument :

MSVOA_W

ClientSampleId :

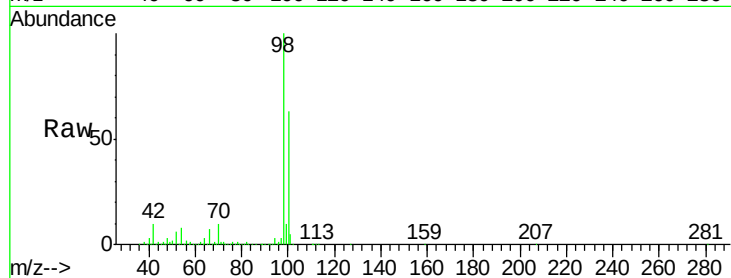
VW0124SBL02

Tot Ion: 98 Resp: 428670

Ion Ratio Lower Upper

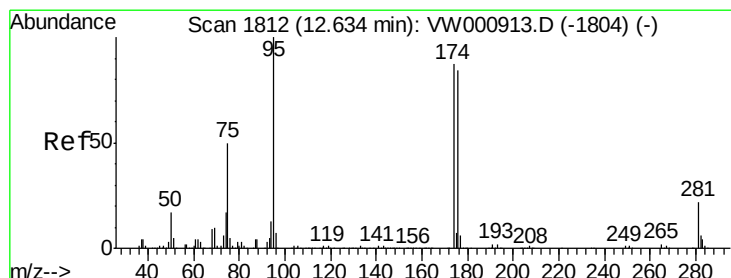
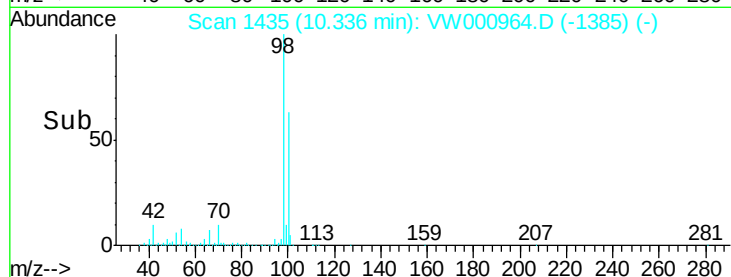
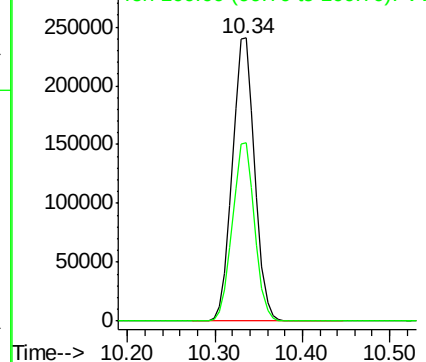
98 100

100 62.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.30 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000964.D

Acq: 24 Jan 2018 22:45

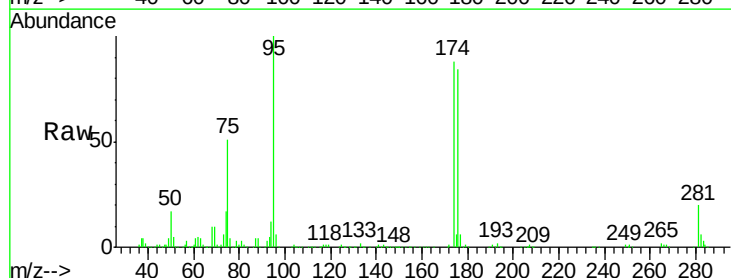
Tgt Ion: 95 Resp: 146327

Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.8

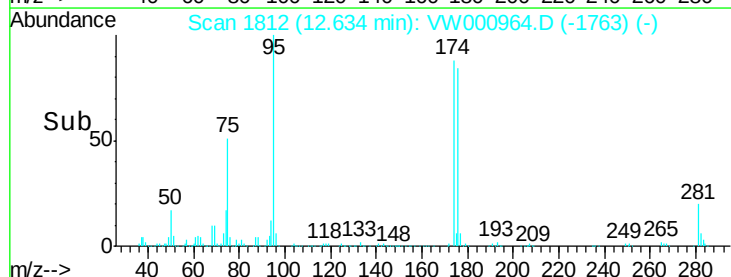
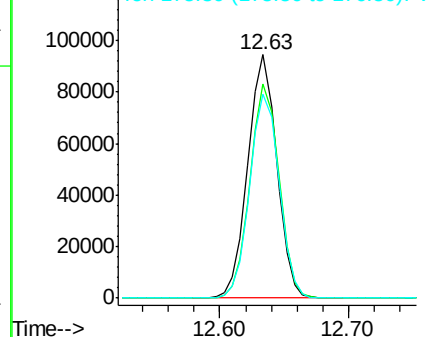
176 85.5 0.0 171.8

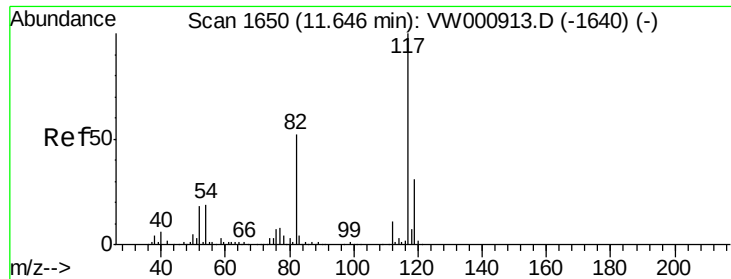


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

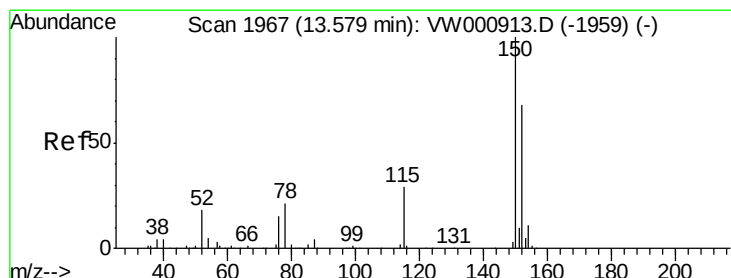
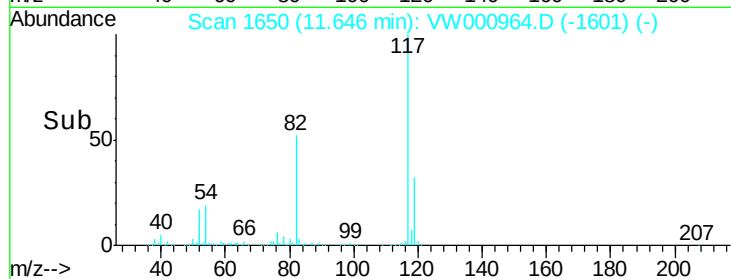
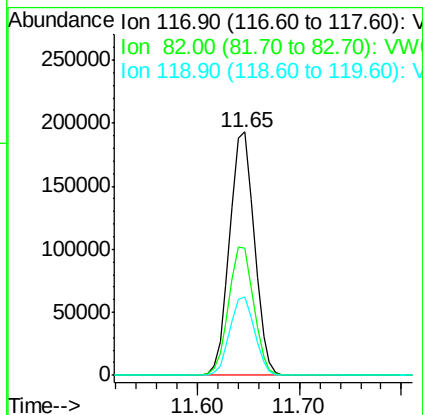
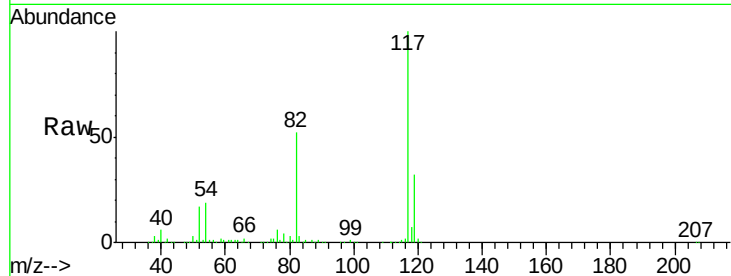




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VW000964.D
Acq: 24 Jan 2018 22:45

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBL02

Tot Ion:117 Resp: 323692
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.01 min
Lab File: VW000964.D
Acq: 24 Jan 2018 22:45

Tgt Ion:152 Resp: 164938
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.5
150 156.4 0.0 342.0

