

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\
 Data File : VW008786.D
 Acq On : 22 Feb 2019 13:42
 Operator : SY/VA
 Sample : VW0222SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 23 03:32:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	364167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	556279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	484568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	232219	50.00	ug/l	0.00

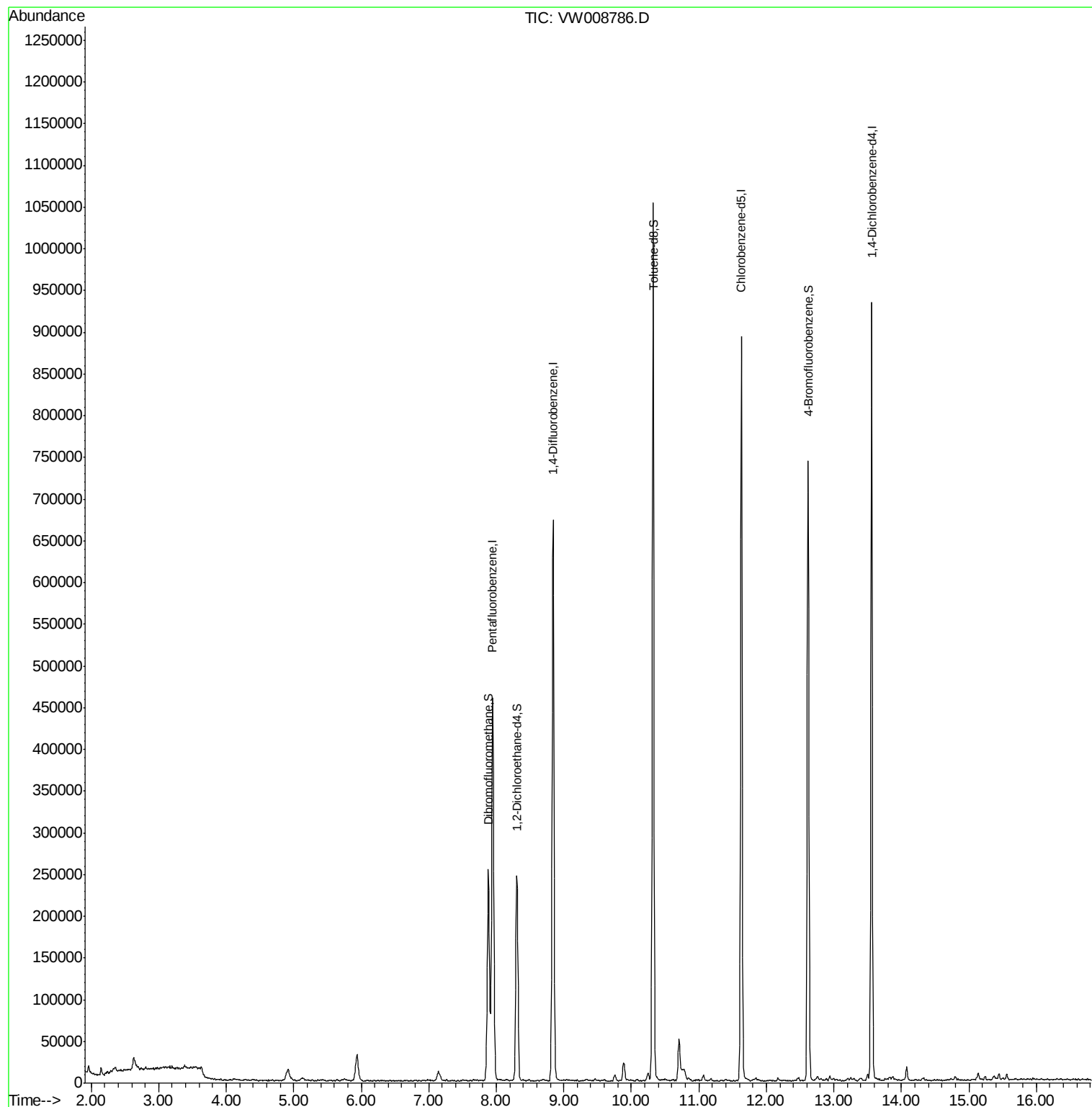
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	189201	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
35) Dibromofluoromethane	7.88	113	170448	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.32	98	663073	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	223094	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	

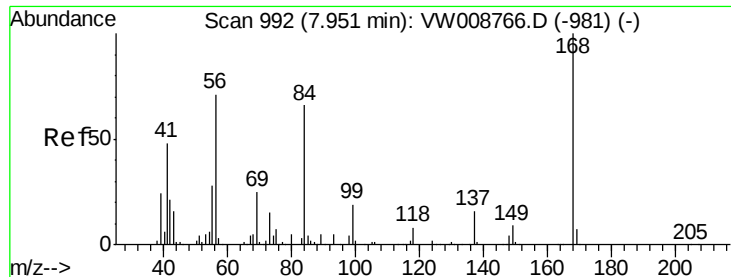
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008786.D

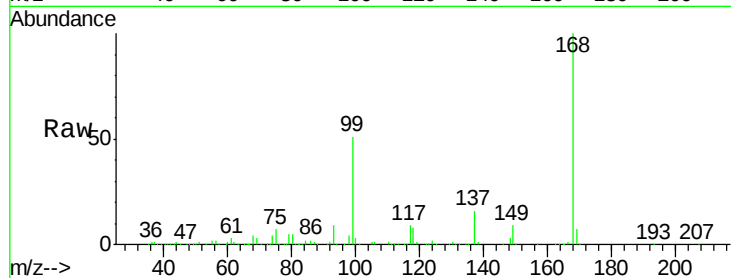
Acq: 22 Feb 2019 13:42

Tot Ion:168 Resp: 364167

Ion Ratio Lower Upper

168 100

99 51.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

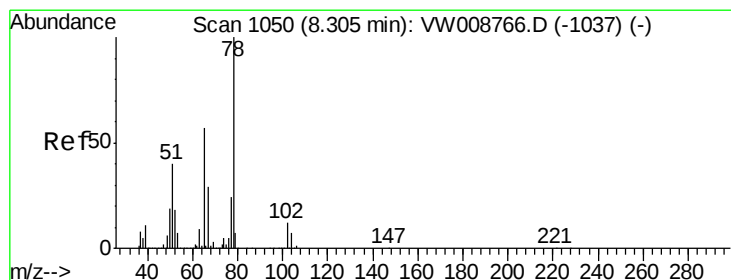
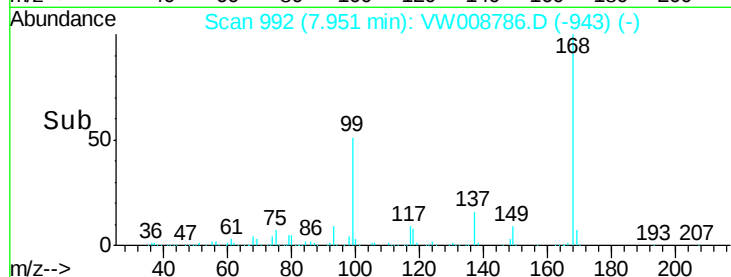
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.394 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008786.D

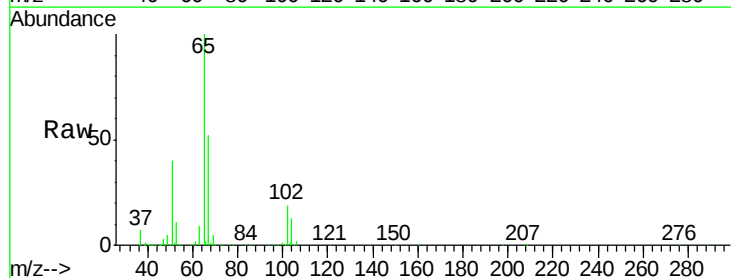
Acq: 22 Feb 2019 13:42

Tgt Ion: 65 Resp: 189201

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

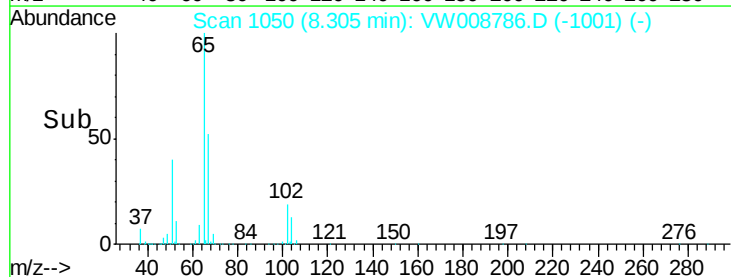
60000

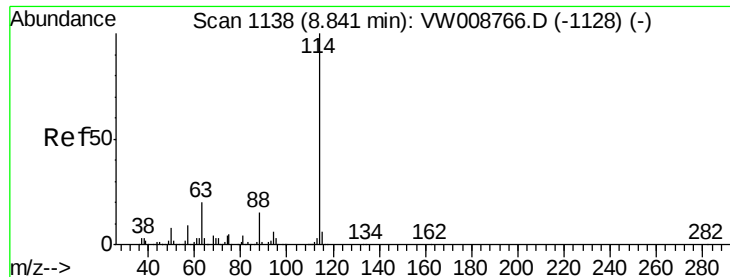
40000

20000

0

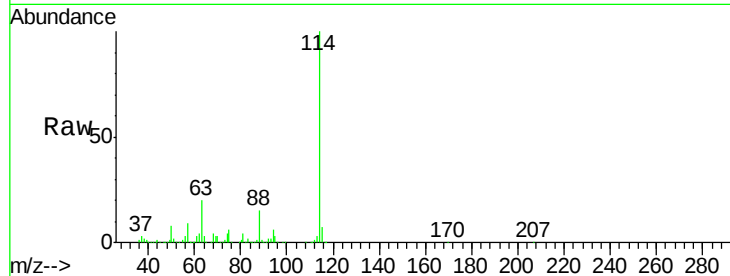
Time-->



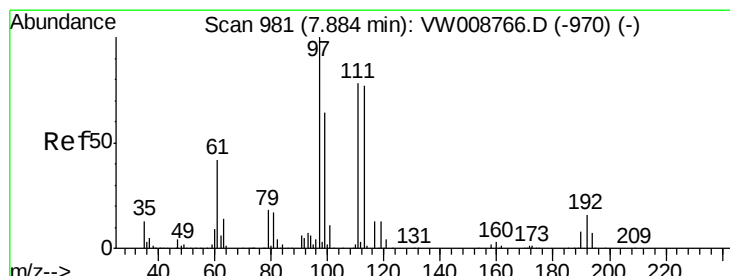
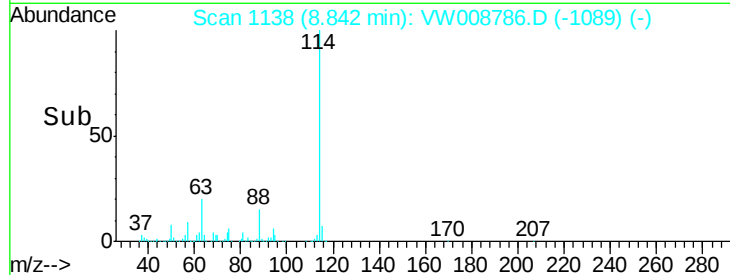
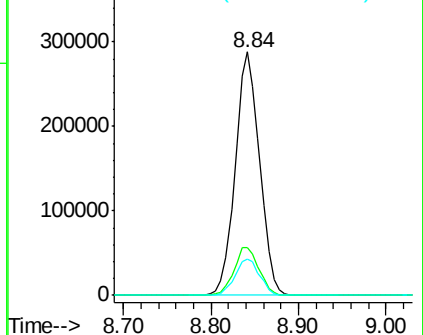


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008786.D
 Acq: 22 Feb 2019 13:42

Tot Ion	114	Resp: Lower	556279 Upper
114	100		
63	19.6	0.0	40.8
88	14.7	0.0	30.4

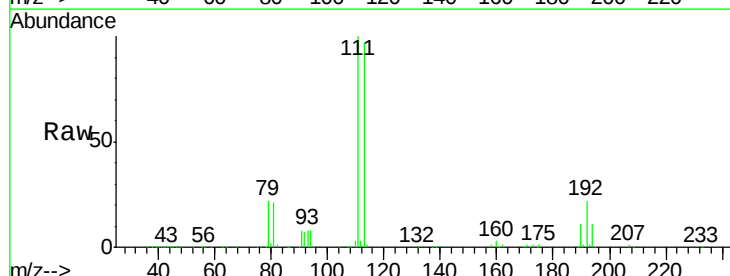


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

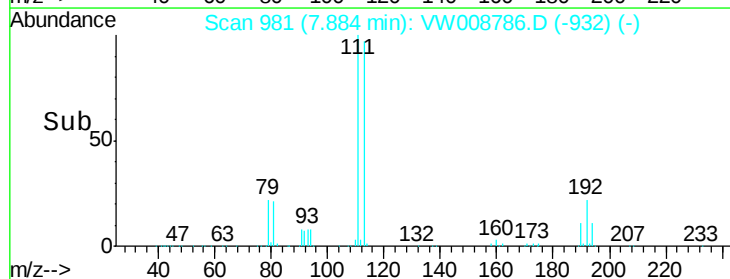
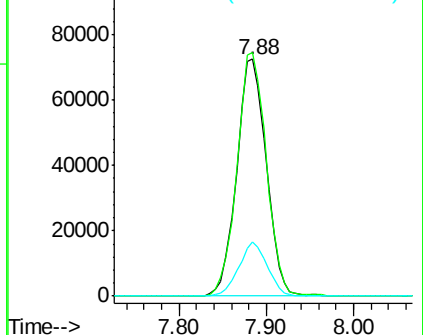


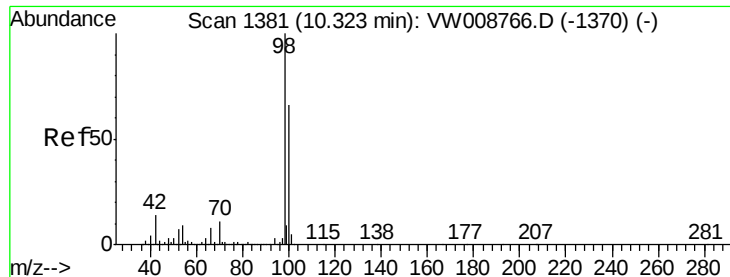
#35
 Dibromofluoromethane
 Concen: 51.033 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008786.D
 Acq: 22 Feb 2019 13:42

Tgt Ion:113	Resp:	170448
Ion Ratio	Lower	Upper
113 100		
111 102.3	81.9	122.9
192 22.1	17.1	25.7



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: 51.428 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008766.D

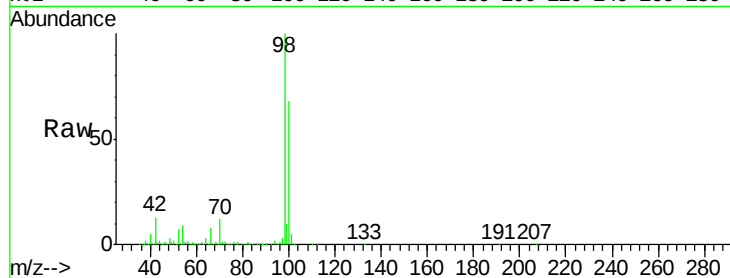
Acq: 22 Feb 2019 13:42

Tot Ion: 98 Resp: 663073

Ion Ratio Lower Upper

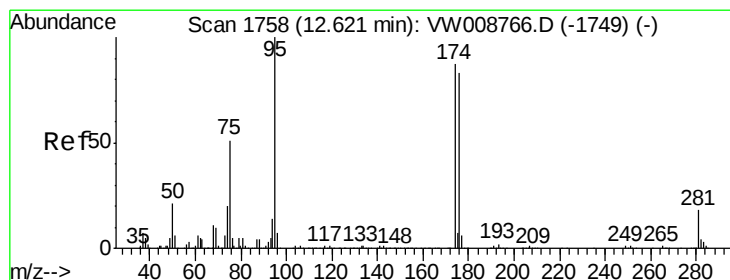
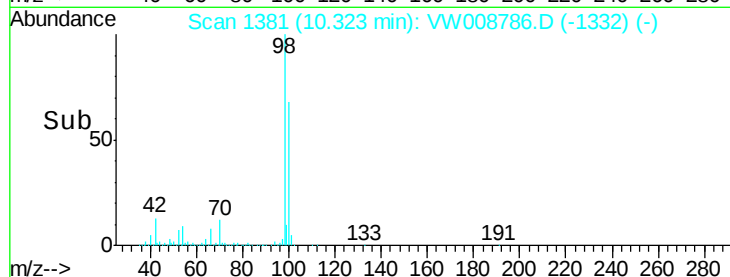
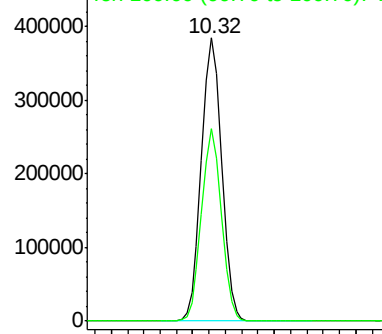
98 100

100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.192 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 22 Feb 2019 13:42

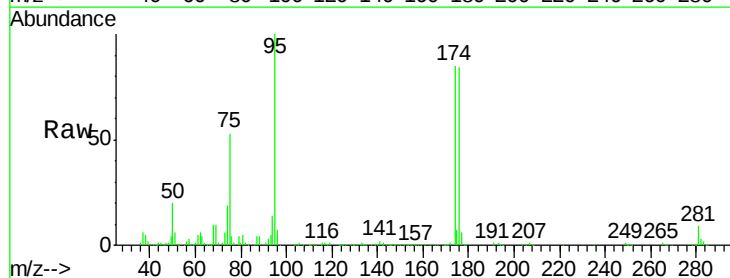
Tgt Ion: 95 Resp: 223094

Ion Ratio Lower Upper

95 100

174 85.6 0.0 169.2

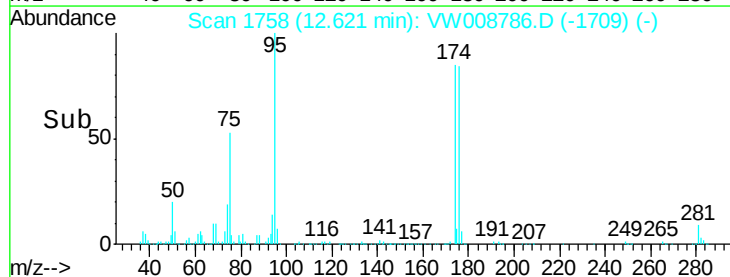
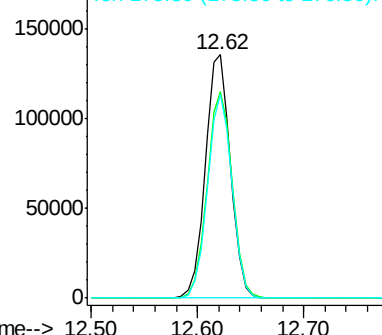
176 82.1 0.0 163.6

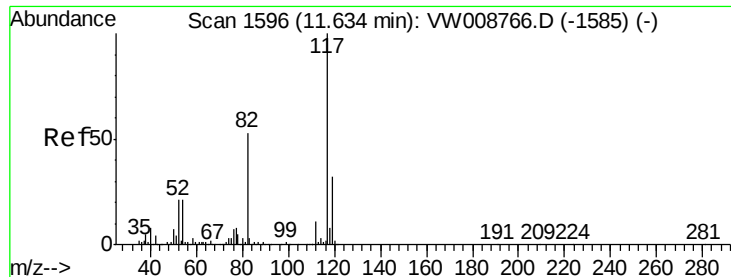


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

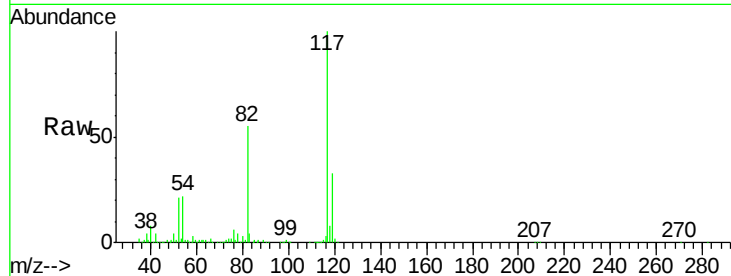
Ion 175.80 (175.50 to 176.50): V



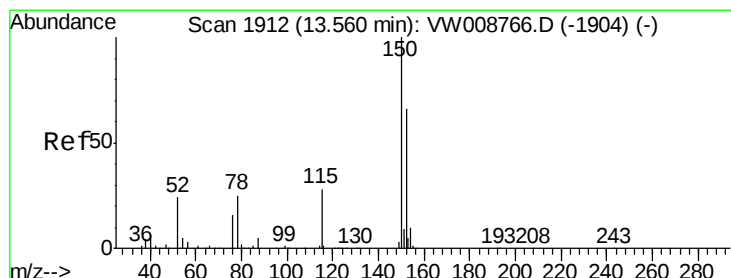
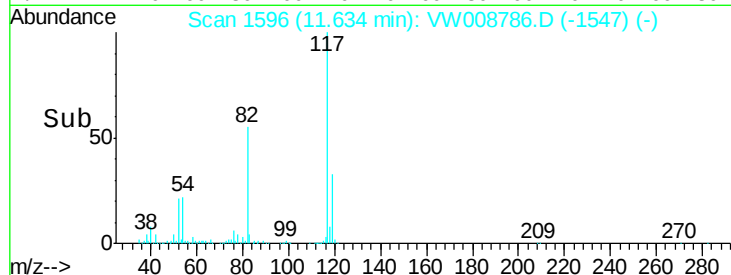
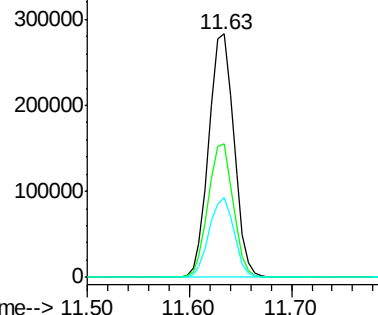


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008786.D
Acq: 22 Feb 2019 13:42

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.2	63.4
119	32.7	25.9	38.9

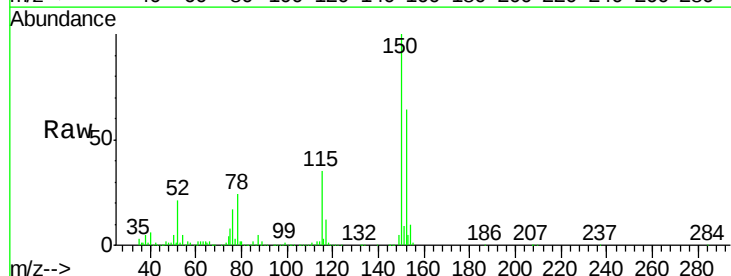


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008786.D
Acq: 22 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.6	85.8
150	155.3	0.0	348.0



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

