

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008847.D
 Acq On : 27 Feb 2019 11:44
 Operator : SY/VA
 Sample : VW0227SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBL01

Quant Time: Feb 28 07:15:15 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	370118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	557683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	190203	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
35) Dibromofluoromethane	7.88	113	169840	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.32	98	670302	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.62	95	222536	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	

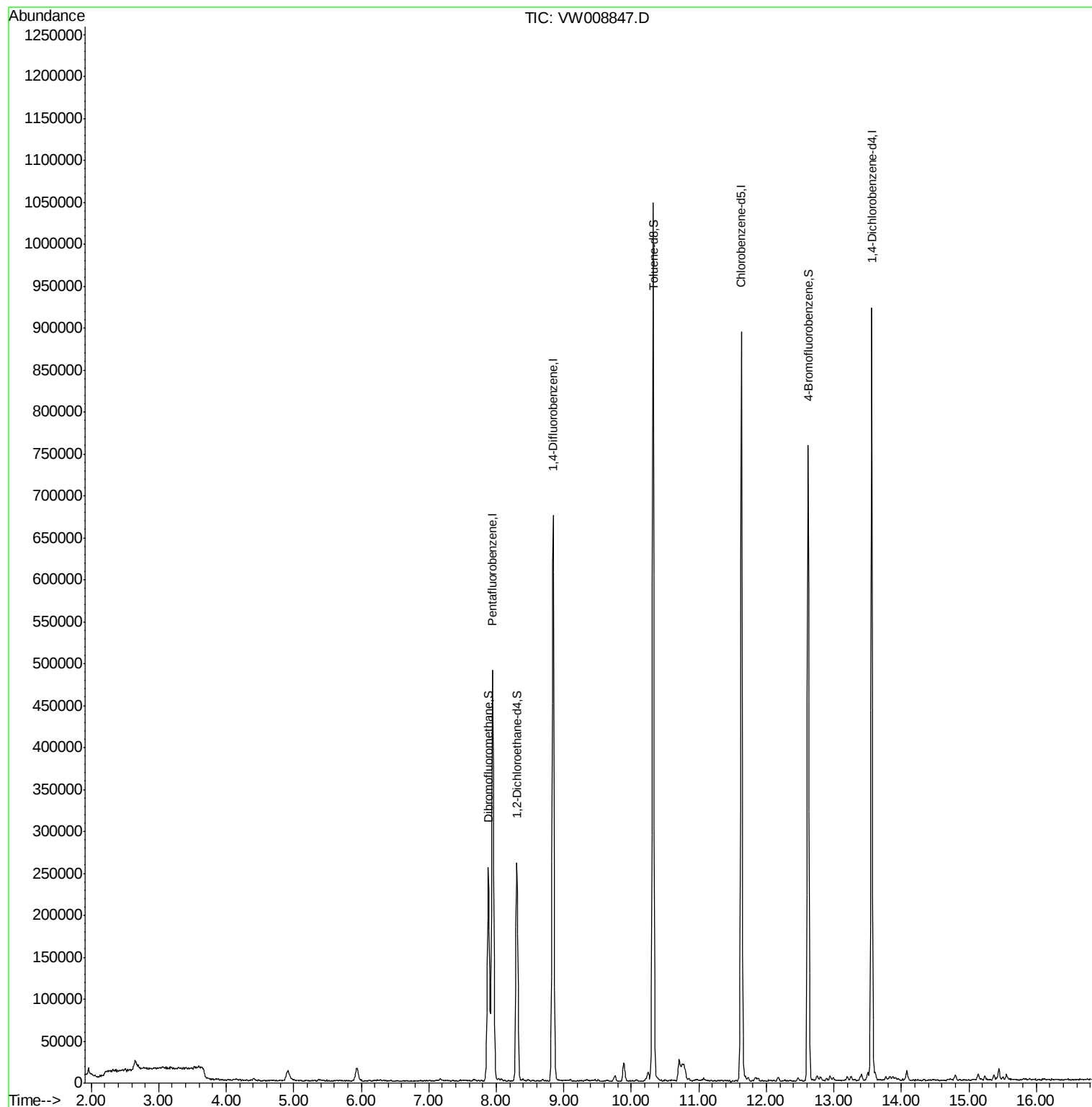
Target Compounds	Qvalue
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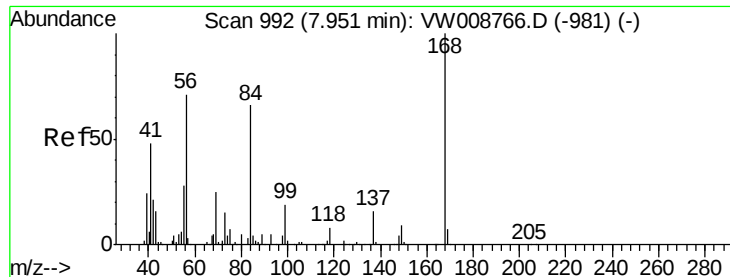
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

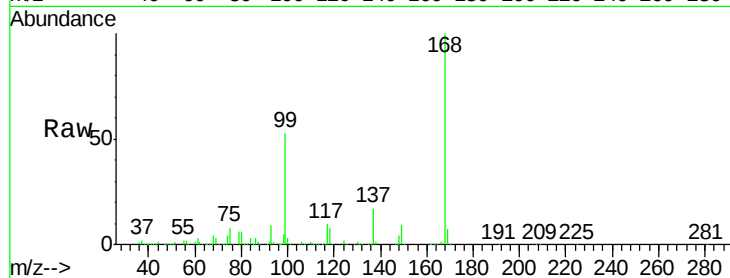
VW0227SBL01

Tot Ion:168 Resp: 370118

Ion Ratio Lower Upper

168 100

99 53.4 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

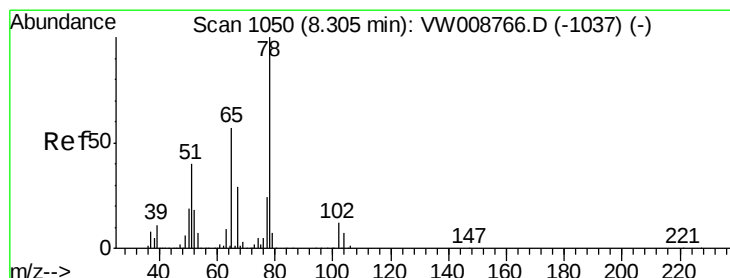
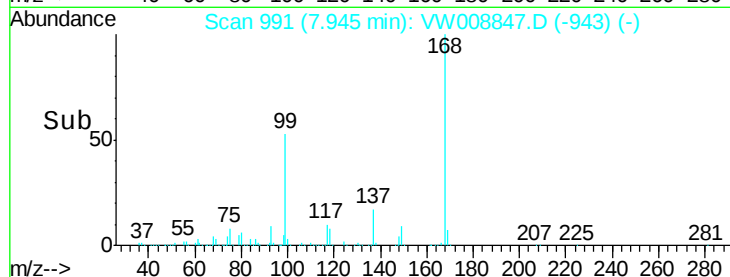
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.792 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008847.D

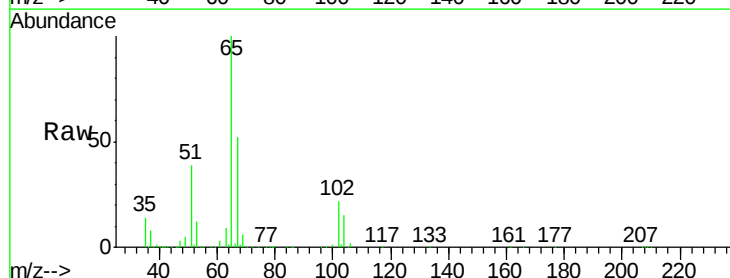
Acq: 27 Feb 2019 11:44

Tgt Ion: 65 Resp: 190203

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

100000

80000

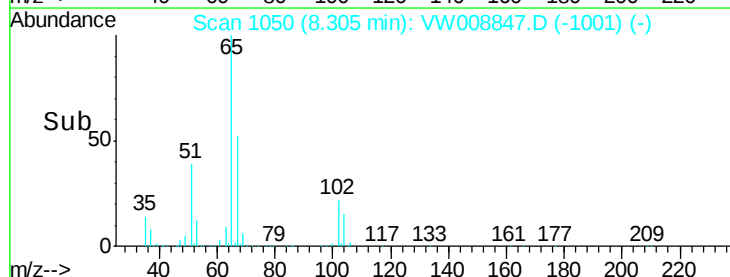
60000

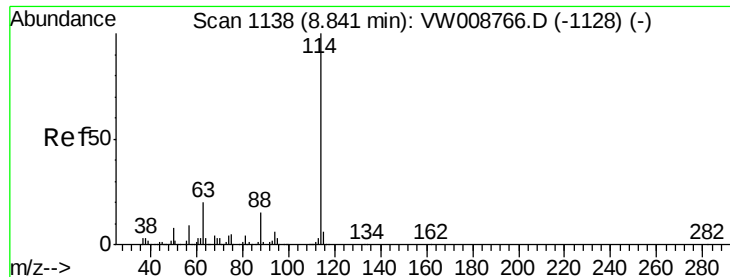
40000

20000

0

Time--> 8.20 8.30 8.40

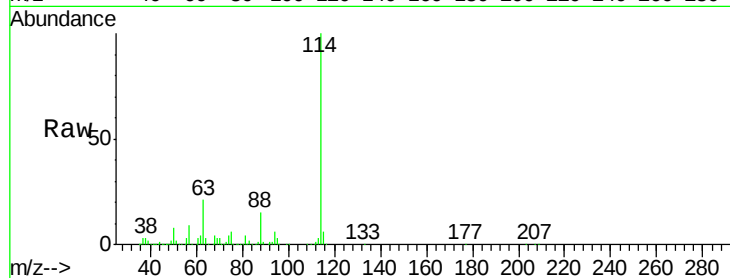




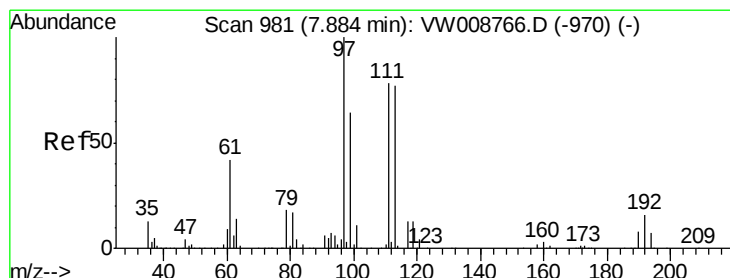
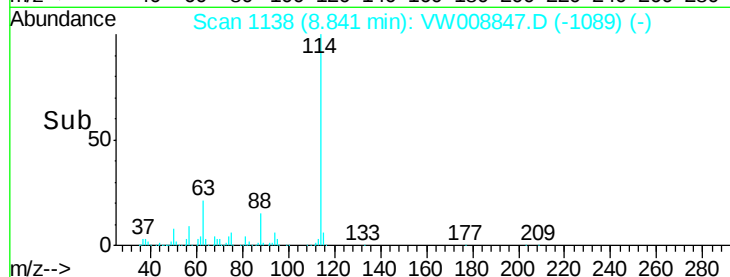
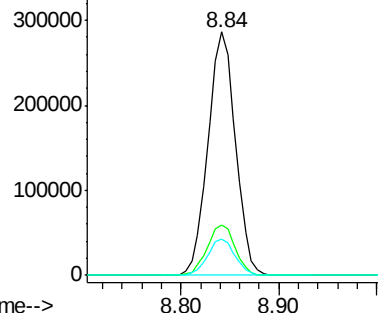
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBL01

Tot Ion:114 Resp: 557683
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.0 0.0 30.4

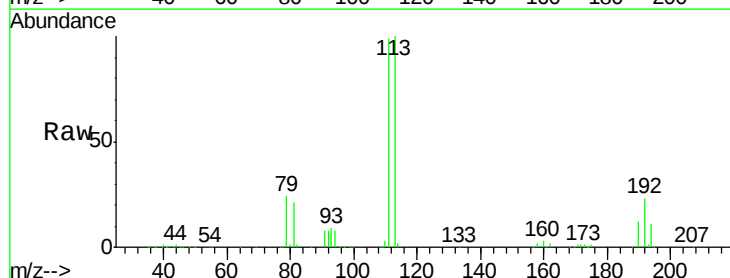


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

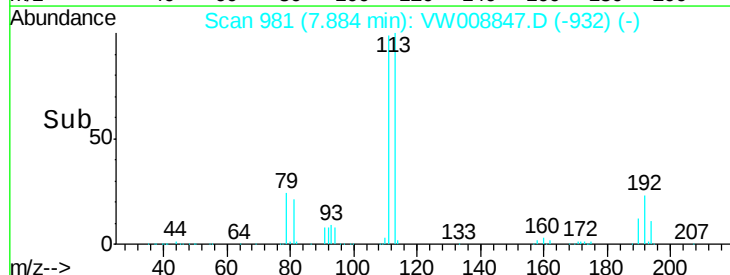
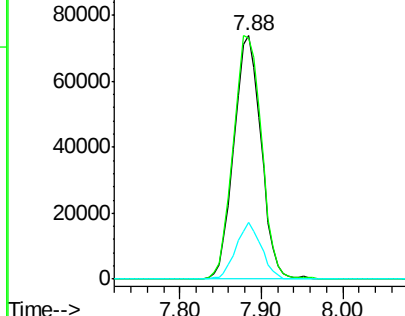


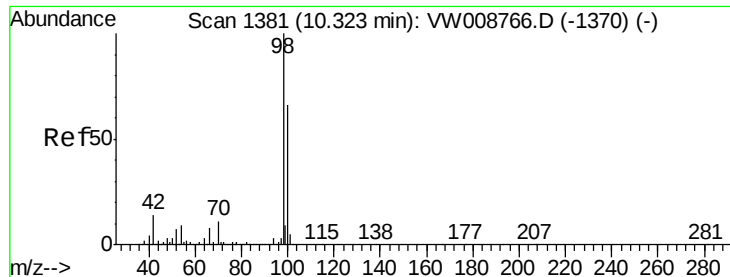
#35
Dibromofluoromethane
Concen: 50.723 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

Tgt Ion:113 Resp: 169840
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 21.8 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: 51.858 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

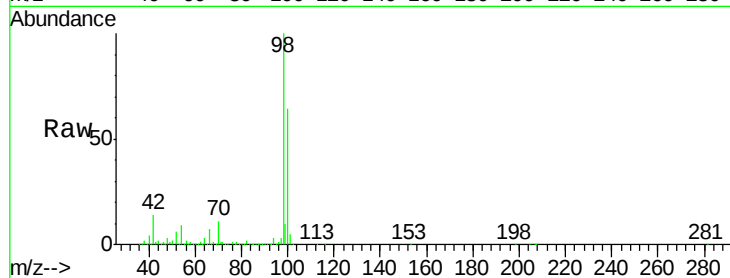
VW0227SBL01

Tot Ion: 98 Resp: 670302

Ion Ratio Lower Upper

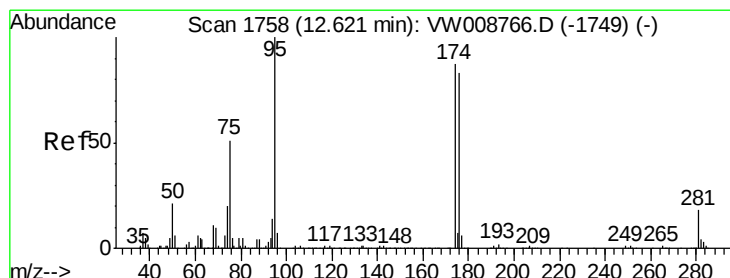
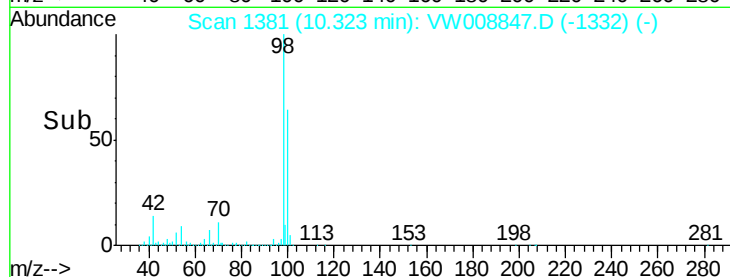
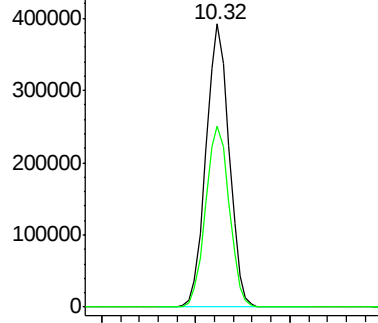
98 100

100 65.5 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: 43.971 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008847.D

Acq: 27 Feb 2019 11:44

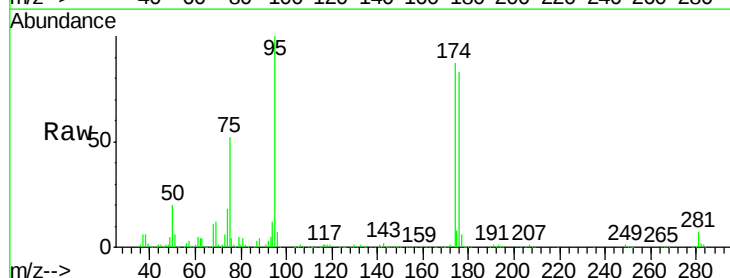
Tgt Ion: 95 Resp: 222536

Ion Ratio Lower Upper

95 100

174 85.7 0.0 169.2

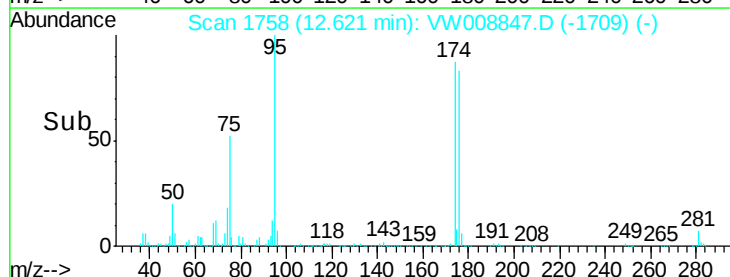
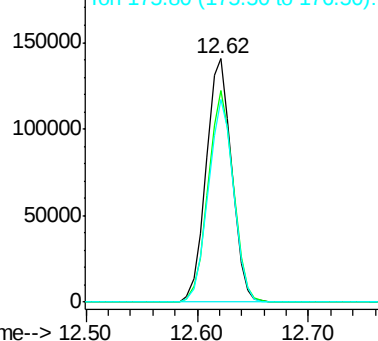
176 82.2 0.0 163.6

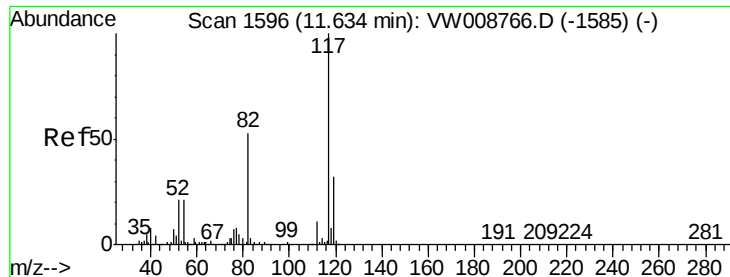


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

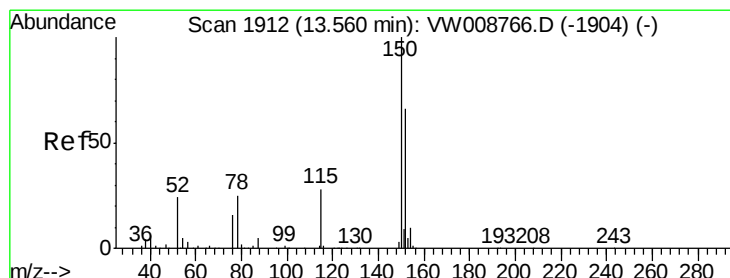
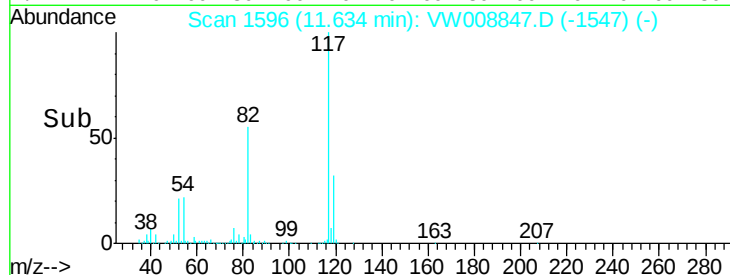
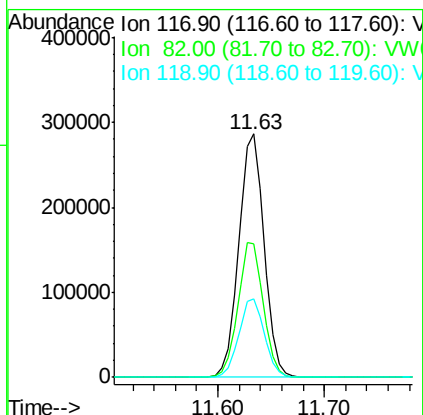
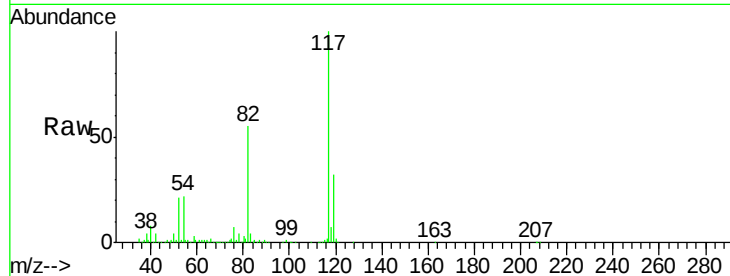




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBL01

Tot Ion:117 Resp: 477974
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008847.D
Acq: 27 Feb 2019 11:44

Tgt Ion:152 Resp: 229116
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.8
150 154.3 0.0 348.0

