

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031119\
 Data File : VW009078.D
 Acq On : 11 Mar 2019 11:20
 Operator : SY/VA
 Sample : VW0311SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBL01

Quant Time: Mar 22 06:44:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	433067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	195496	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	173774	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	149353	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.32	98	579709	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.62	95	195797	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	

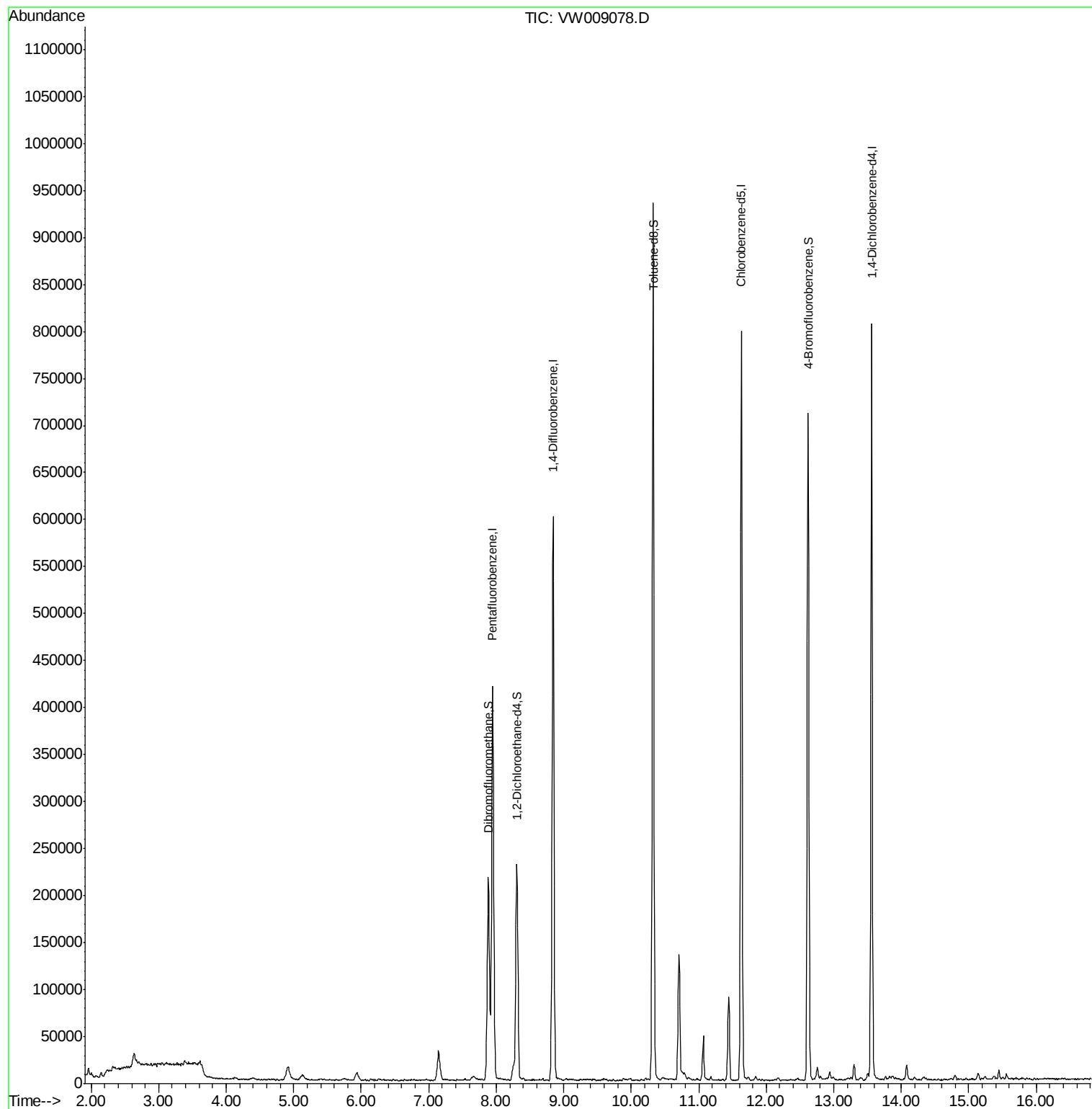
Target Compounds	Qvalue

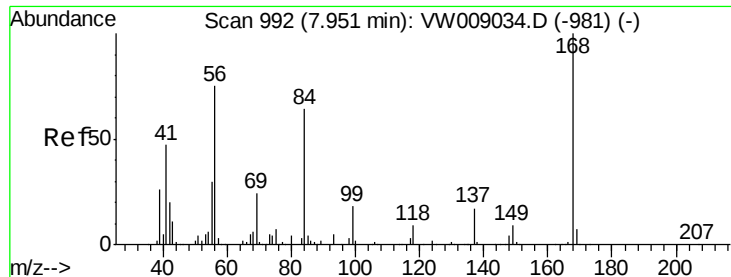
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

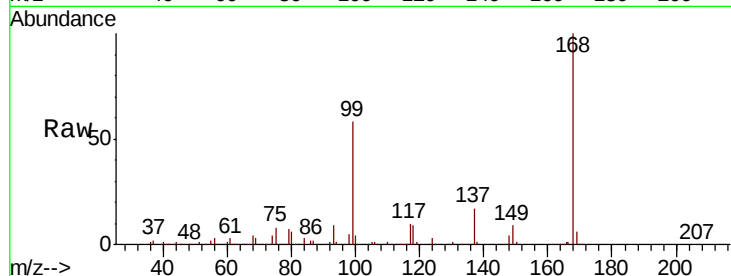
VW0311SBL01

Tgt Ion: 168 Resp: 309762

Ion Ratio Lower Upper

168 100

99 57.7 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

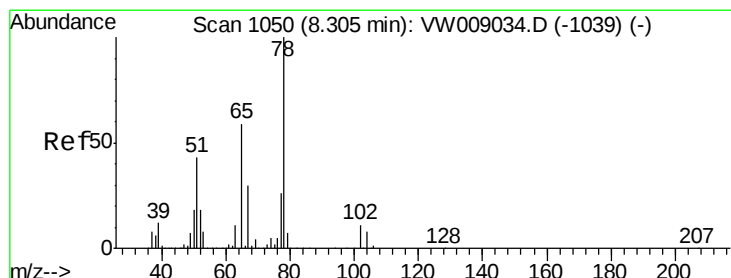
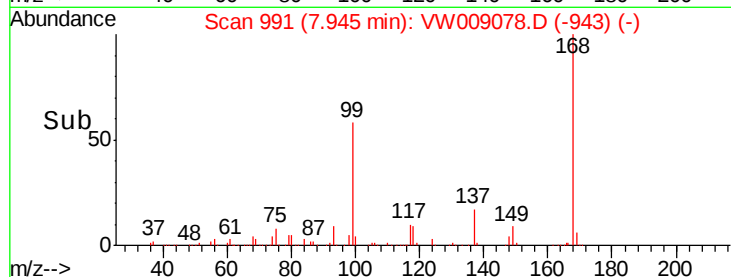
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.759 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009078.D

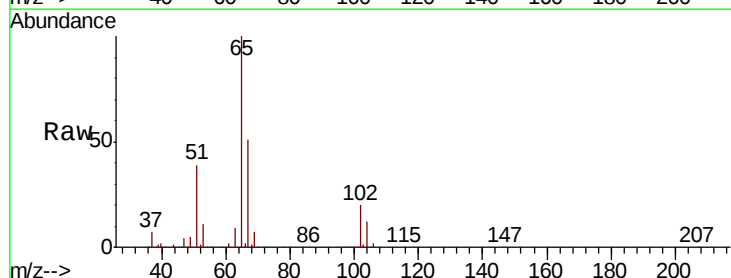
Acq: 11 Mar 2019 11:20

Tgt Ion: 65 Resp: 173774

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

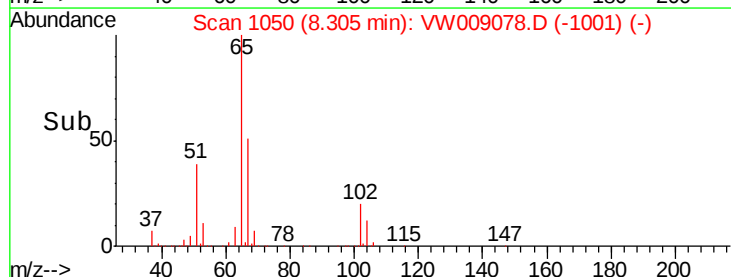
60000

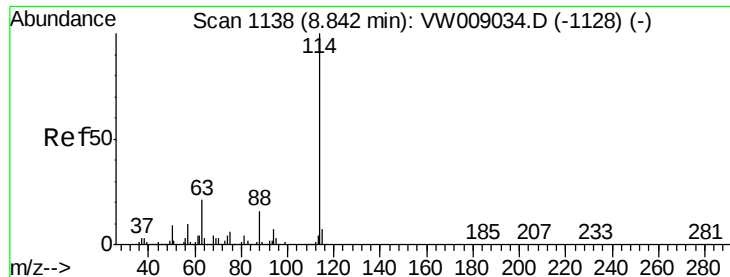
40000

20000

0

Time--> 8.20 8.30 8.40

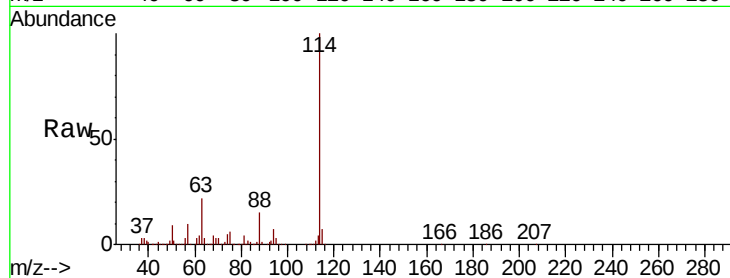




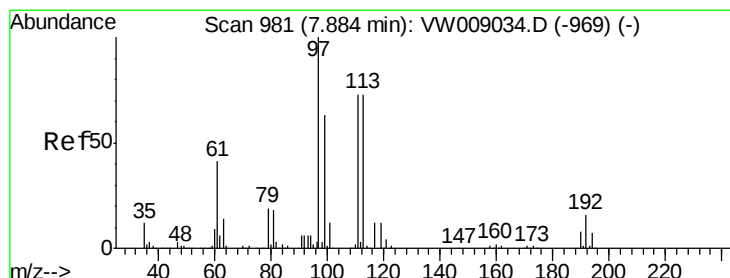
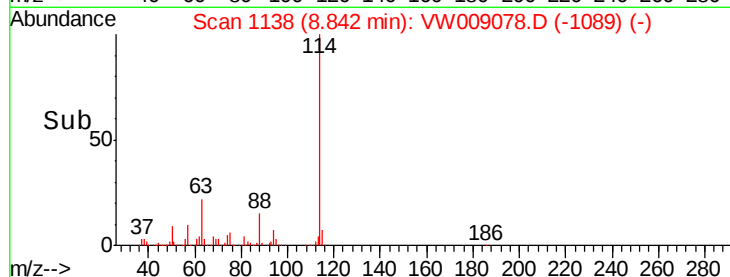
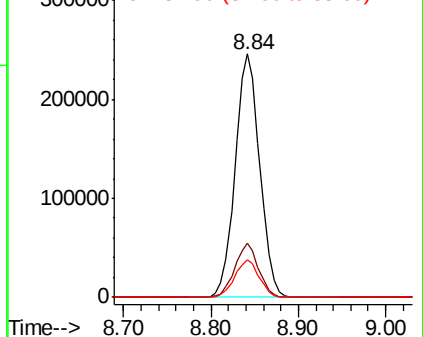
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBL01

Tgt Ion:114 Resp: 479341
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.2
 88 15.5 0.0 31.2

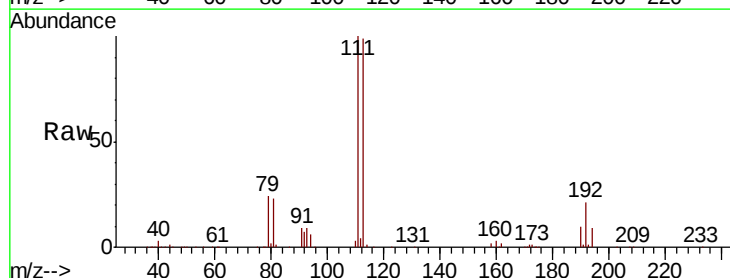


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

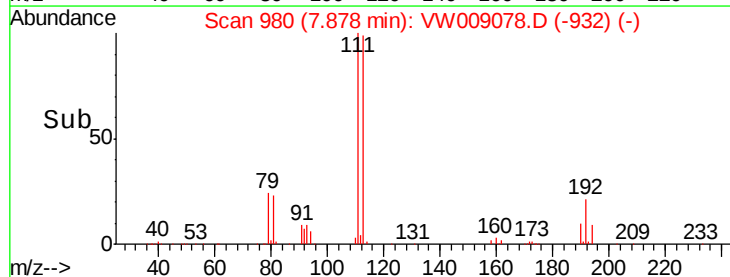
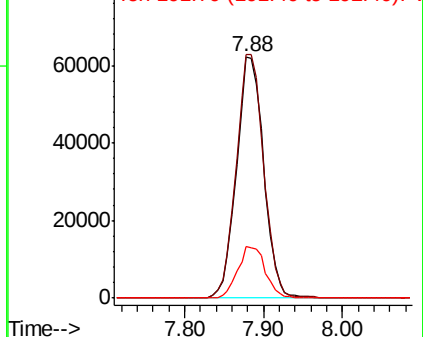


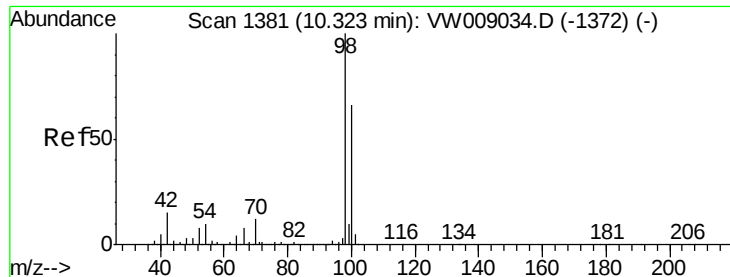
#35
 Dibromofluoromethane
 Concen: 51.750 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

Tgt Ion:113 Resp: 149353
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.0 121.4
 192 21.5 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: 48.906 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

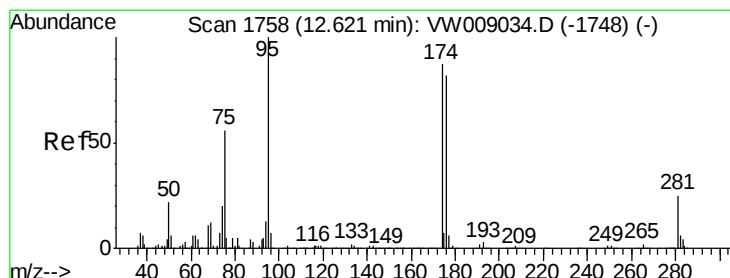
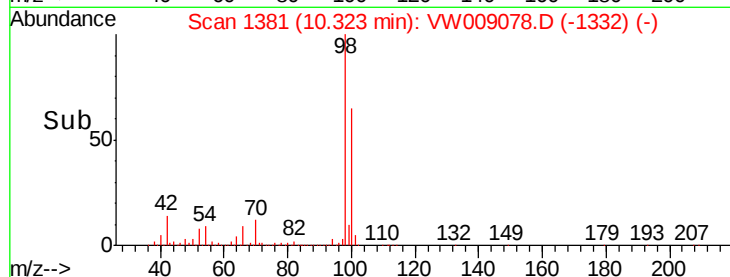
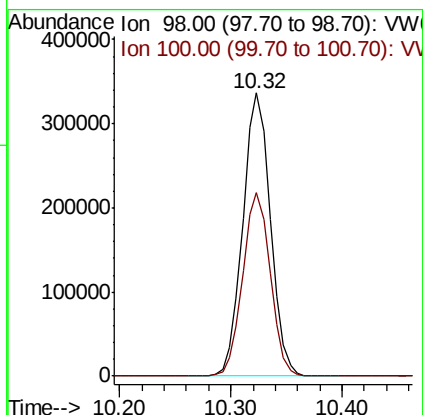
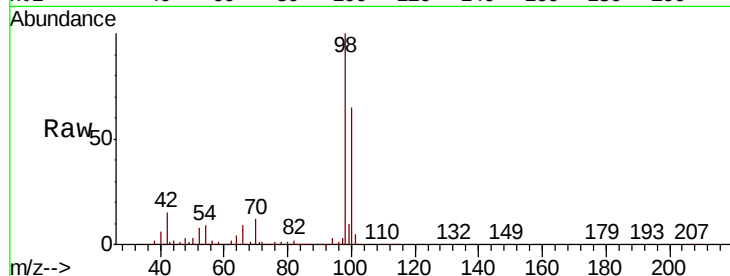
VW0311SBL01

Tgt Ion: 98 Resp: 579709

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.960 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

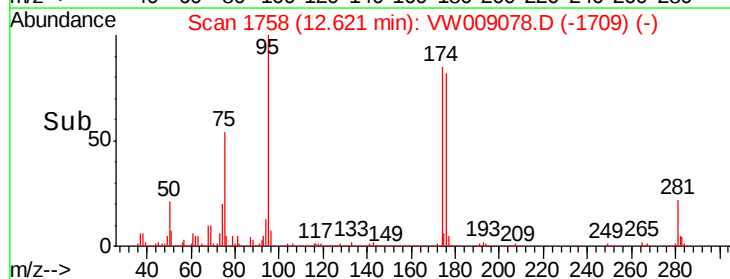
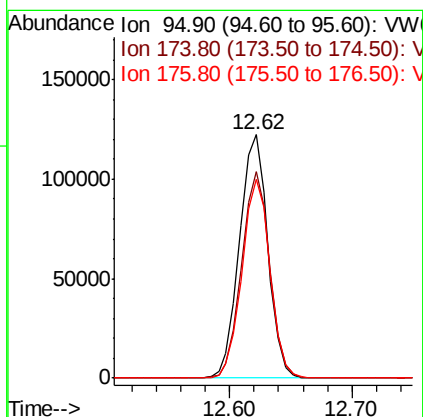
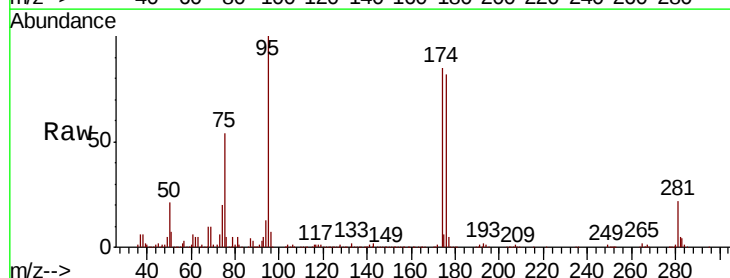
Tgt Ion: 95 Resp: 195797

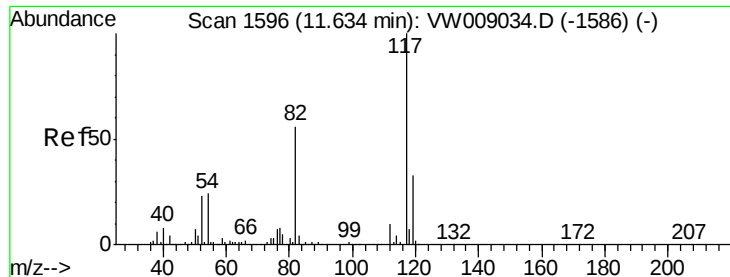
Ion Ratio Lower Upper

95 100

174 84.5 0.0 167.0

176 81.0 0.0 159.4

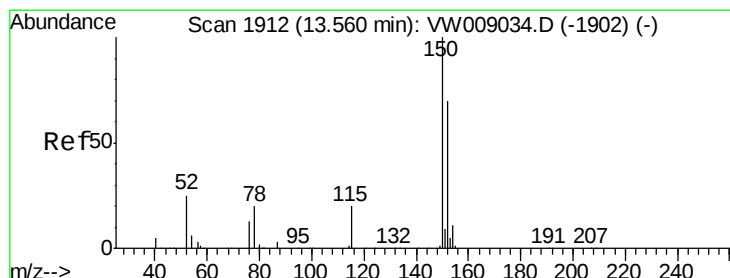
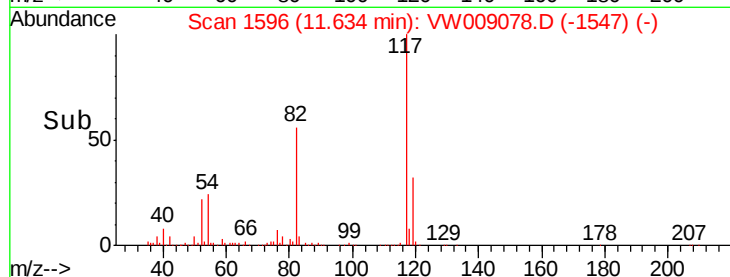
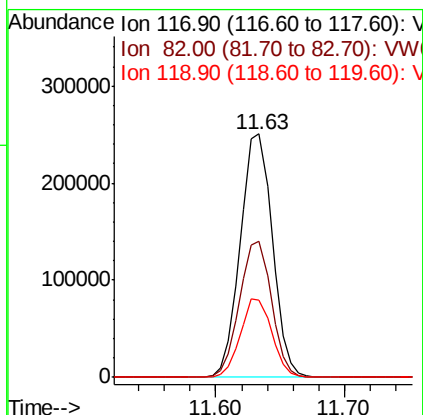
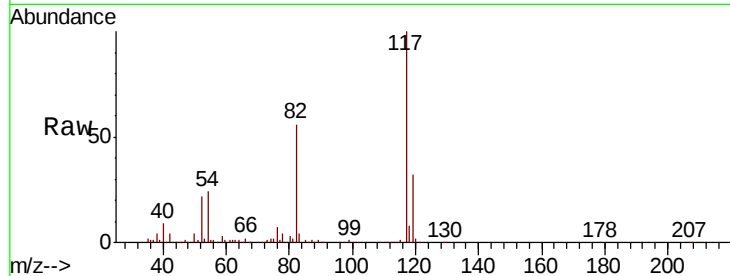




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

Instrument :
MSVOA_W
ClientSampleId :
VW0311SBL01

Tgt Ion:117 Resp: 433067
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

Tgt Ion:152 Resp: 195496
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 157.2 0.0 349.2

