

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012111.D
 Acq On : 22 Aug 2019 15:26
 Operator : SY/VA
 Sample : K4461-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-9.5-10.0

Quant Time: Aug 23 08:39:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137219	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149876	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	120431	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.32	98	484034	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.62	95	156713	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

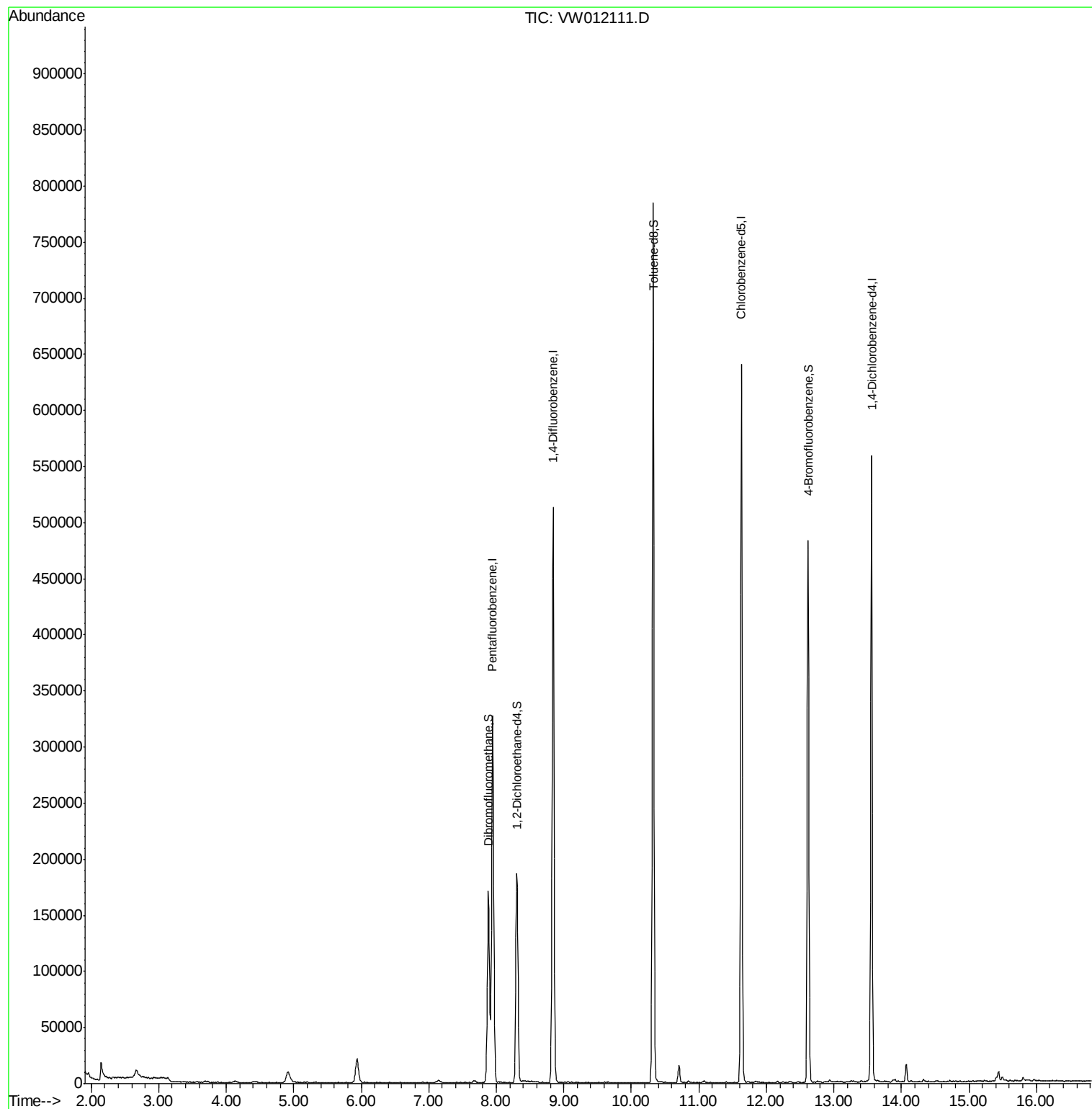
Target Compounds	Qvalue

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

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SB-02-9.5-10.0

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

Instrument :

MSVOA_W

ClientSampleId :

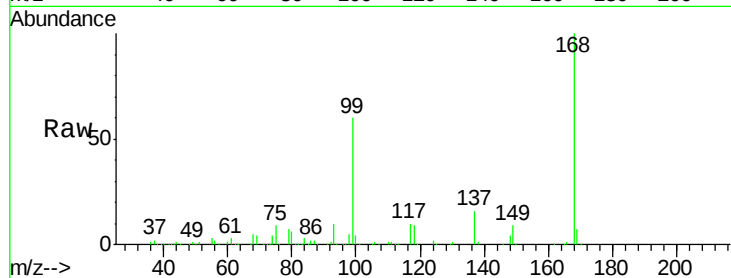
SB-02-9.5-10.0

Tot Ion:168 Resp: 236856

Ion Ratio Lower Upper

168 100

99 60.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

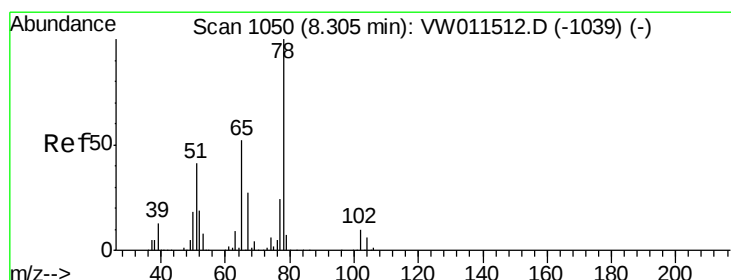
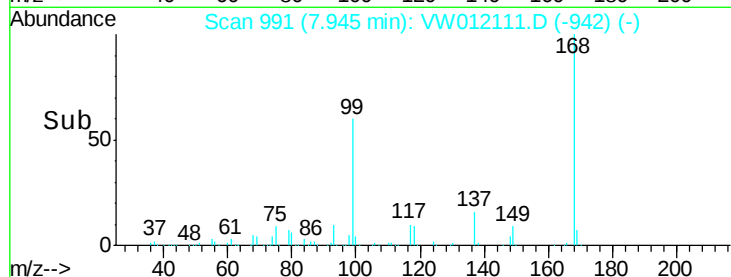
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.106 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012111.D

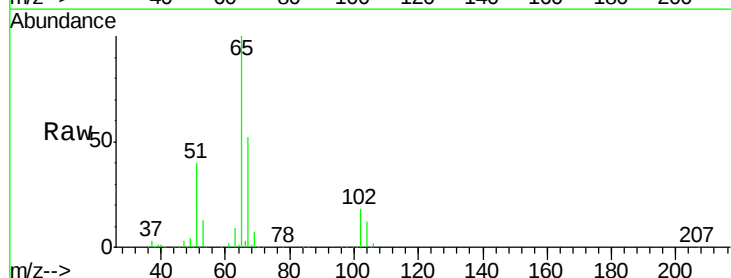
Acq: 22 Aug 2019 15:26

Tgt Ion: 65 Resp: 149876

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

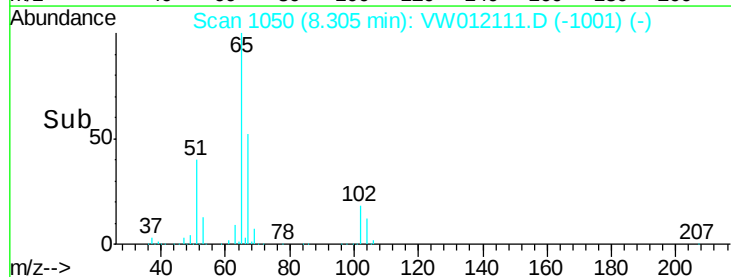
60000

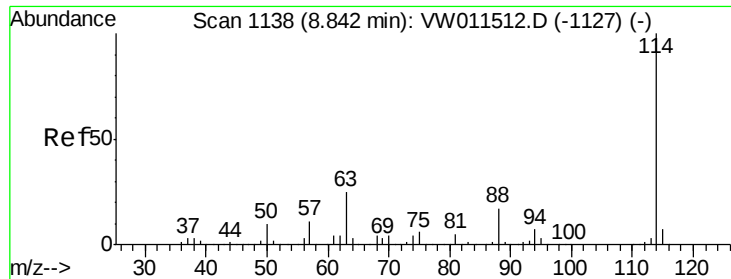
40000

20000

0

Time--> 8.20 8.30 8.40

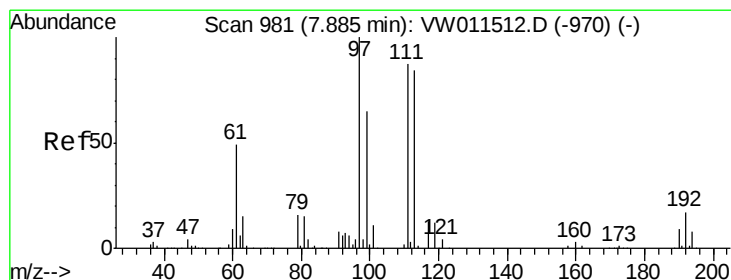
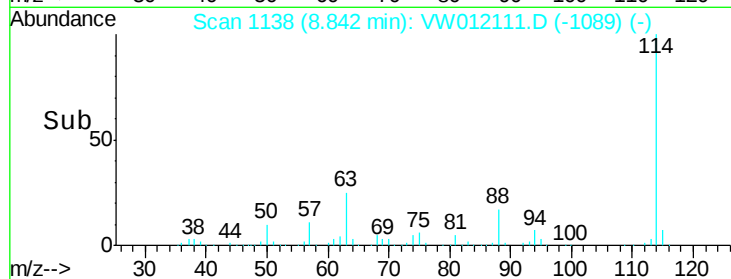
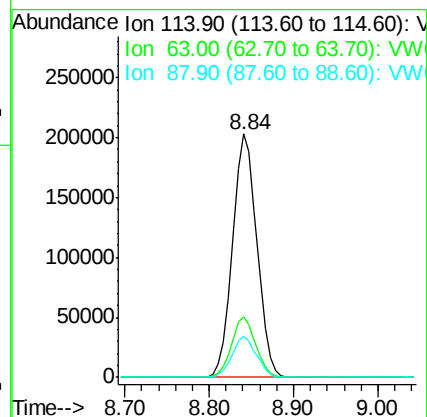
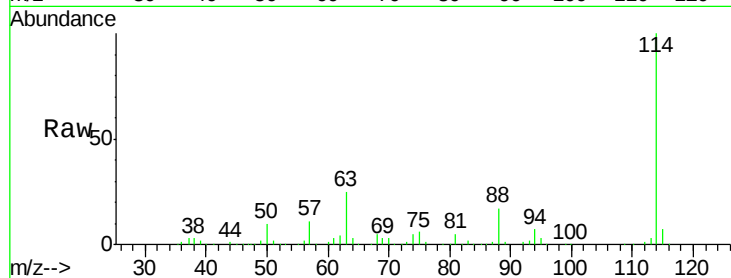




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012111.D
 Acq: 22 Aug 2019 15:26

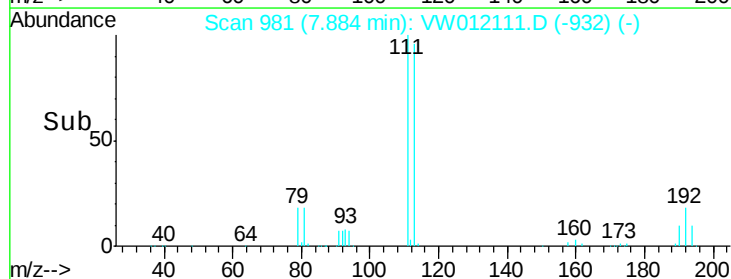
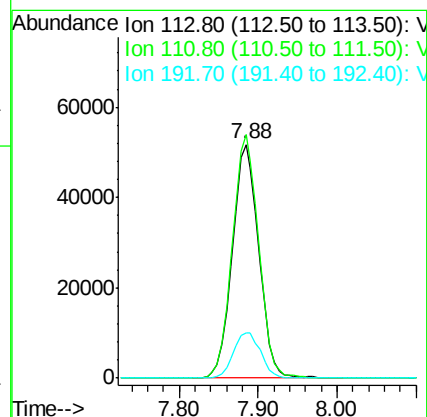
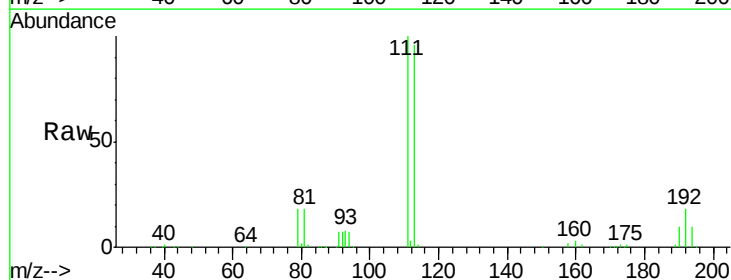
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-9.5-10.0

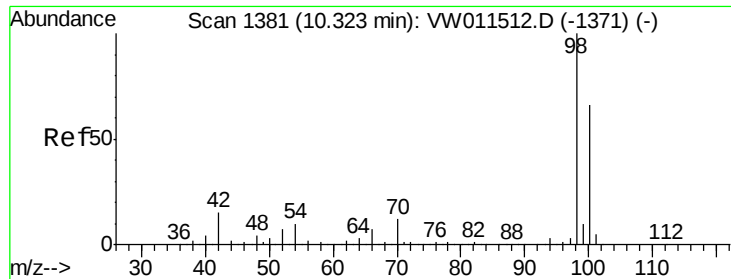
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	49.2
88	17.0	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.821 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012111.D
 Acq: 22 Aug 2019 15:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	19.9	16.1	24.1





#50

Toluene-d8

Concen: 52.834 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

Instrument :

MSVOA_W

ClientSampleId :

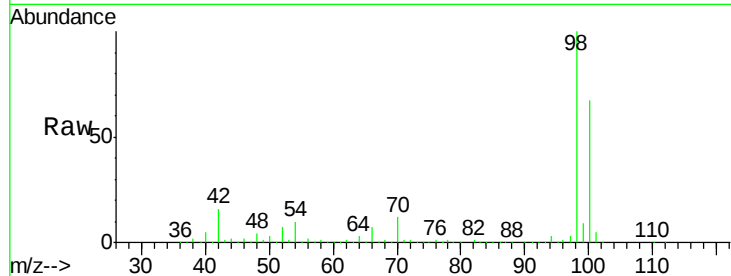
SB-02-9.5-10.0

Tot Ion: 98 Resp: 484034

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

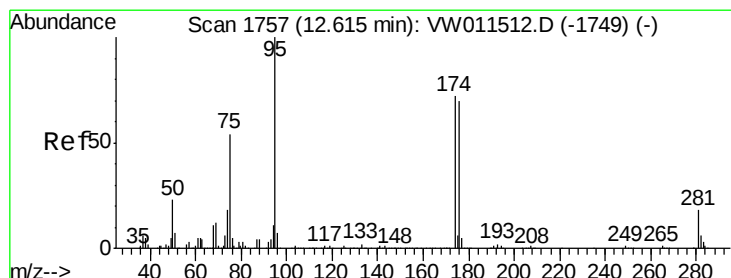
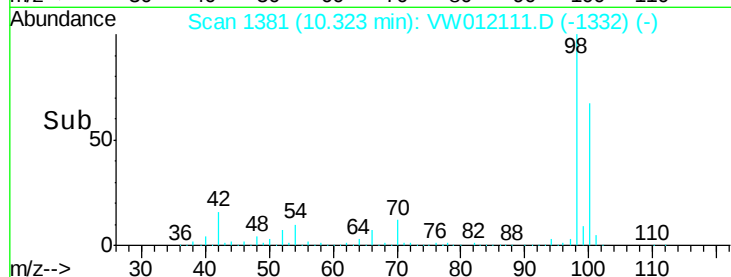
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.980 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012111.D

Acq: 22 Aug 2019 15:26

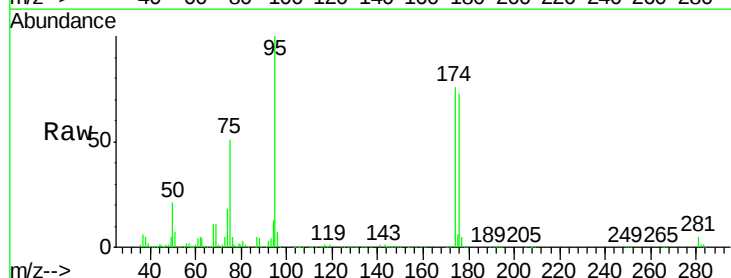
Tgt Ion: 95 Resp: 156713

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.2

176 72.5 0.0 144.4



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

12.62

120000

100000

80000

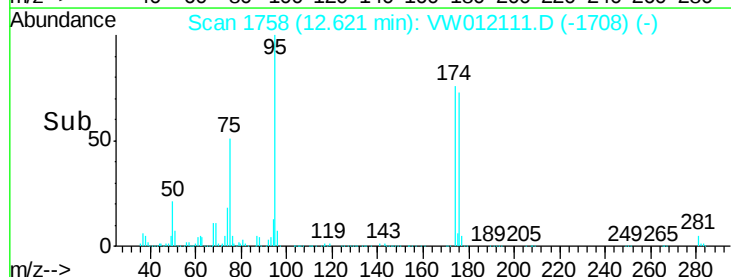
60000

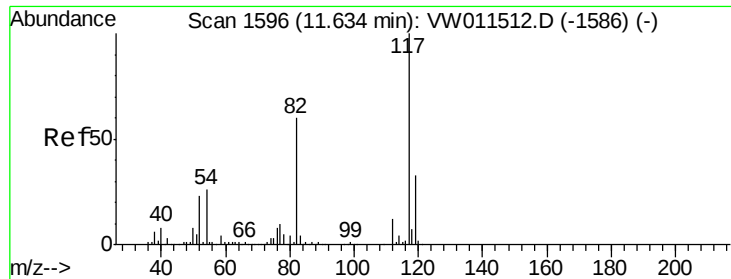
40000

20000

0

Time-->

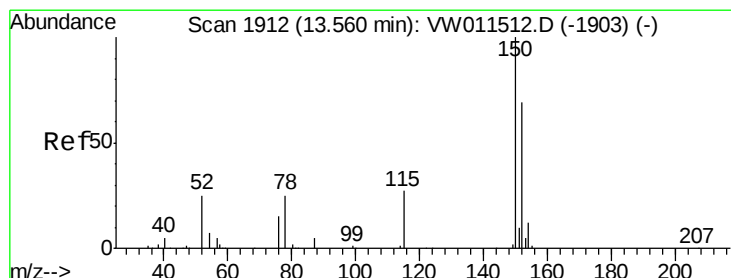
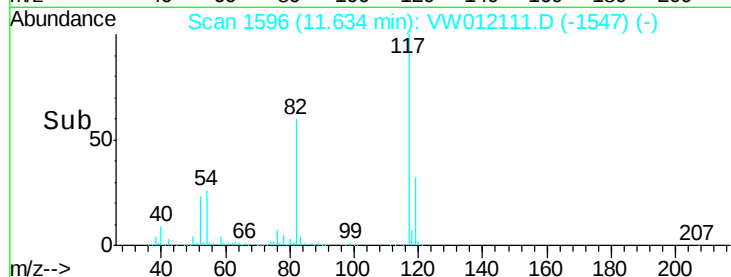
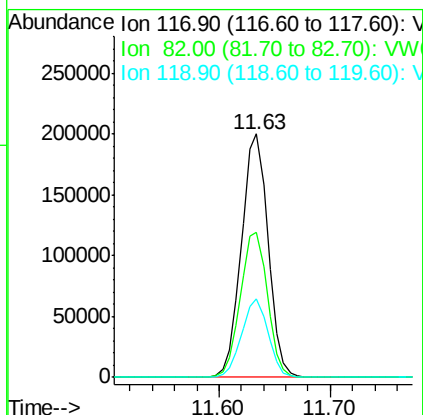
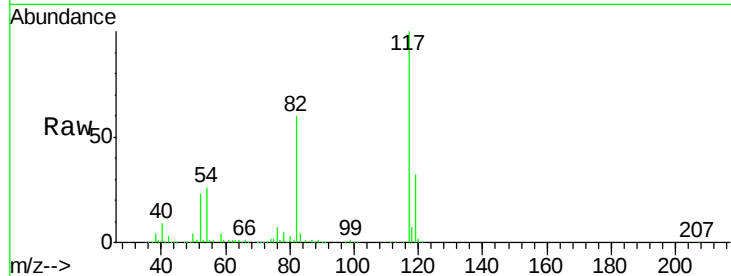




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012111.D
Acq: 22 Aug 2019 15:26

Instrument :
MSVOA_W
ClientSampleId :
SB-02-9.5-10.0

Tot Ion:117 Resp: 332764
Ion Ratio Lower Upper
117 100
82 59.7 47.9 71.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012111.D
Acq: 22 Aug 2019 15:26

Tgt Ion:152 Resp: 137219
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 156.7 0.0 352.6

