

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013677.D
 Acq On : 23 Oct 2019 19:42
 Operator : SY/VA
 Sample : K5501-20
 Misc : 4.82G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 182-66-(2)

Quant Time: Oct 24 08:15:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80641	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111448	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	7.88	113	120125	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.32	98	439020	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.62	95	102386	33.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.32%	

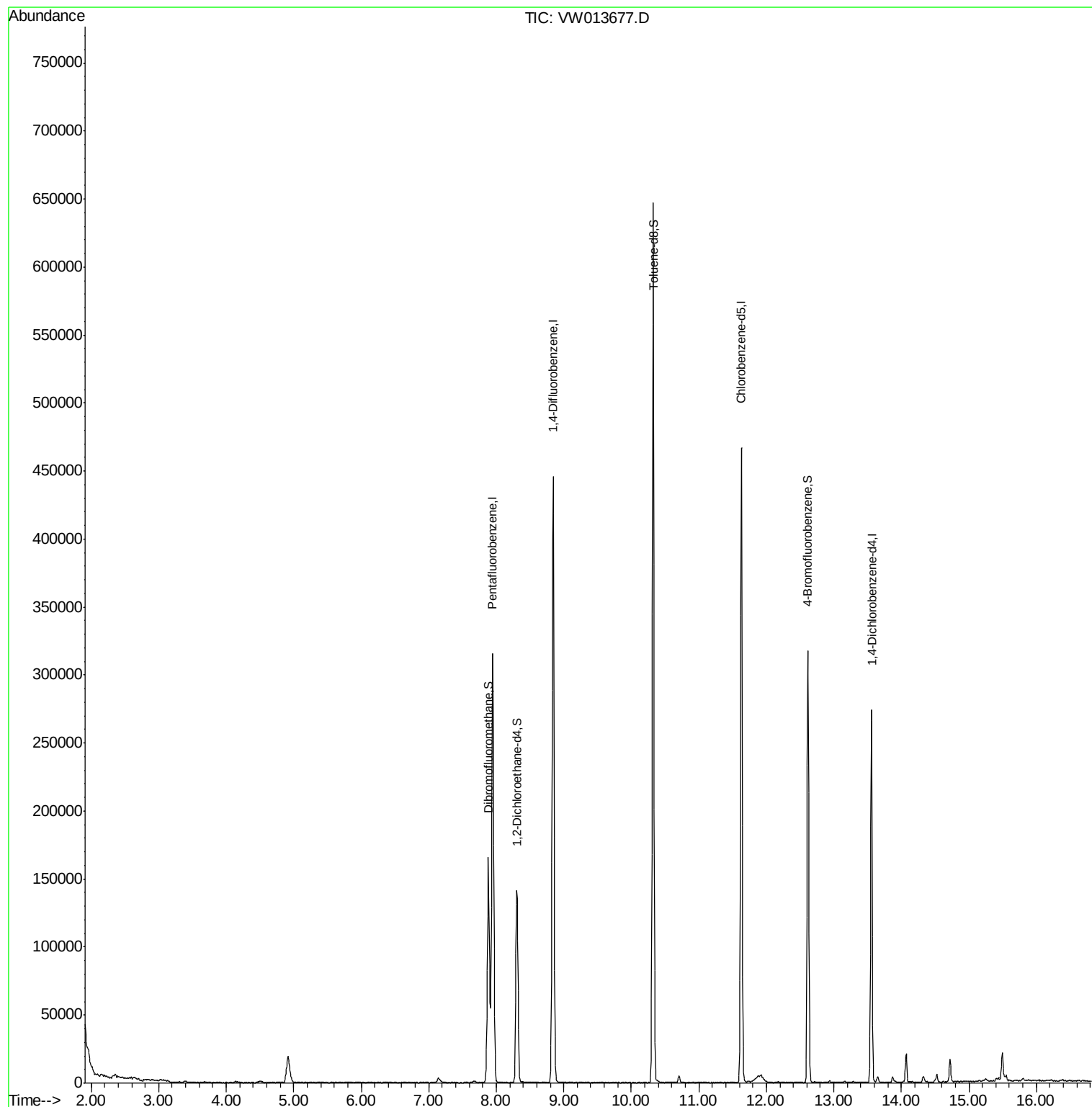
Target Compounds	Qvalue
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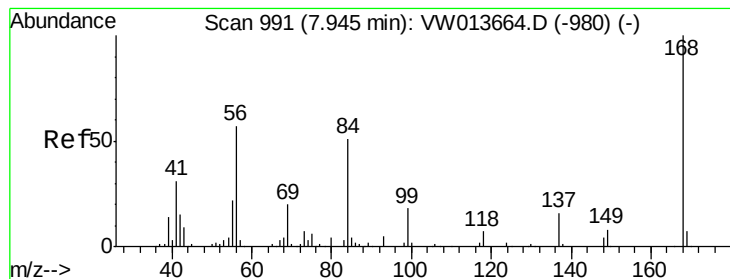
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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QLast Update : Wed Oct 23 14:11:46 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

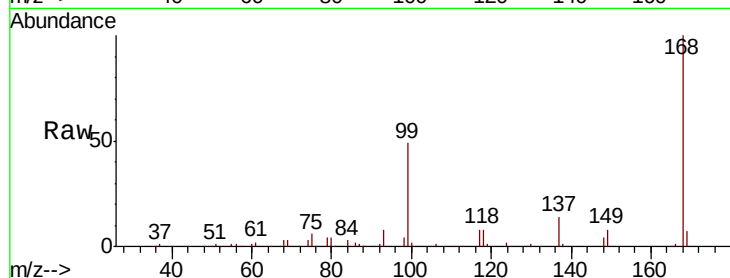
Instrument :
MSVOA_W
ClientSampleId :
182-66-(2)

Tot Ion:168 Resp: 265381

Ion Ratio Lower Upper

168 100

99 49.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

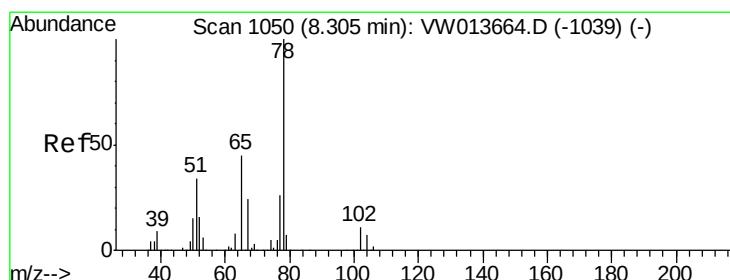
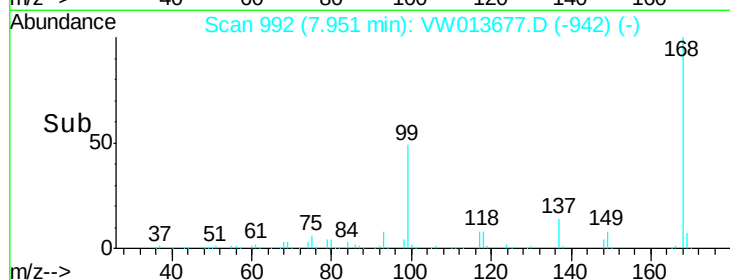
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.982 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013677.D

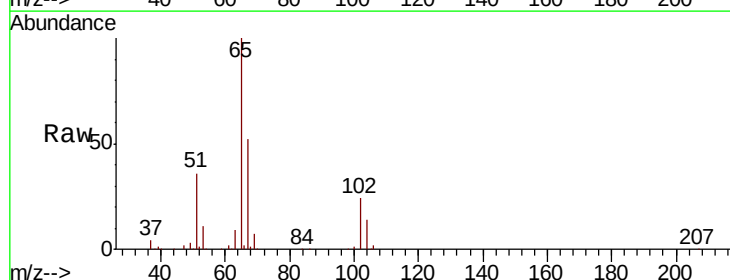
Acq: 23 Oct 2019 19:42

Tgt Ion: 65 Resp: 111448

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

60000

50000

40000

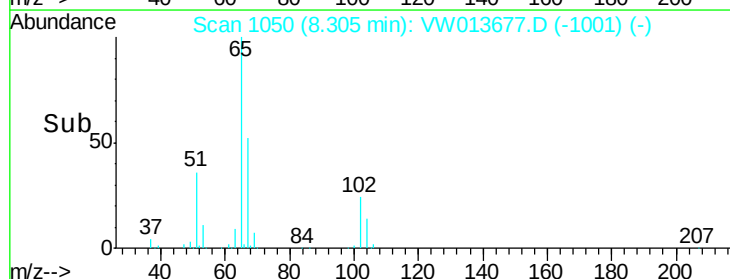
30000

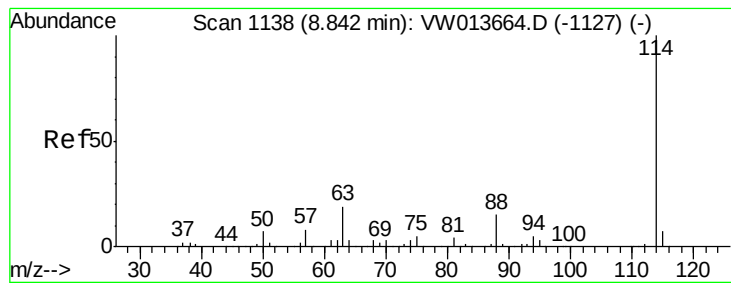
20000

10000

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: VW013677.D

Acq: 23 Oct 2019 19:42

Instrument :

MSVOA_W

ClientSampleId :

182-66-(2)

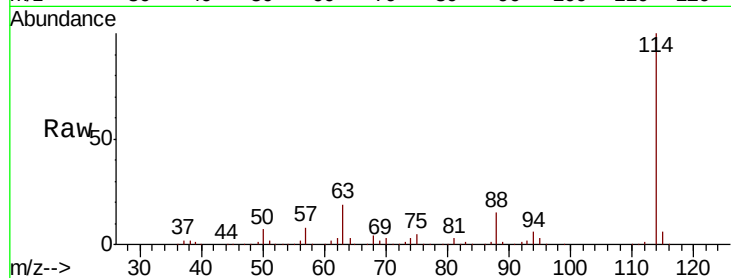
Tot Ion:114 Resp: 402770

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 14.9 0.0 30.2



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

8.84

250000

200000

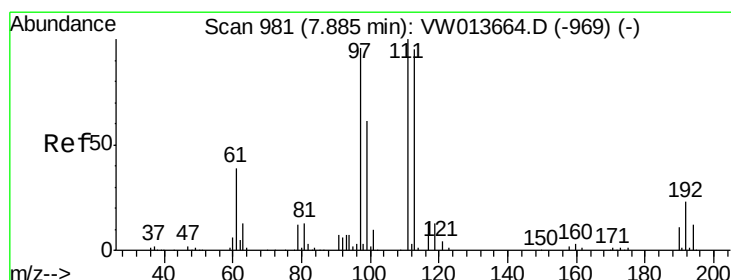
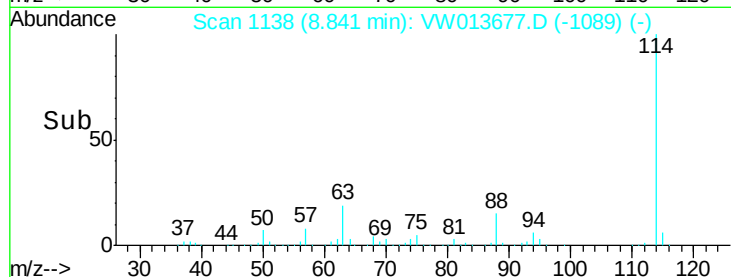
150000

100000

50000

0

Time--> 8.70 8.80 8.90 9.00



#35

Dibromofluoromethane

Concen: 53.675 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

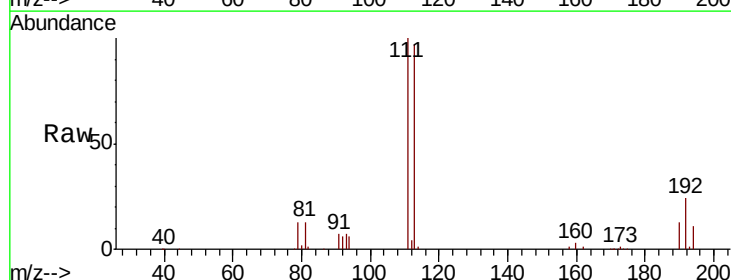
Tgt Ion:113 Resp: 120125

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 24.6 19.4 29.2



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

7.88

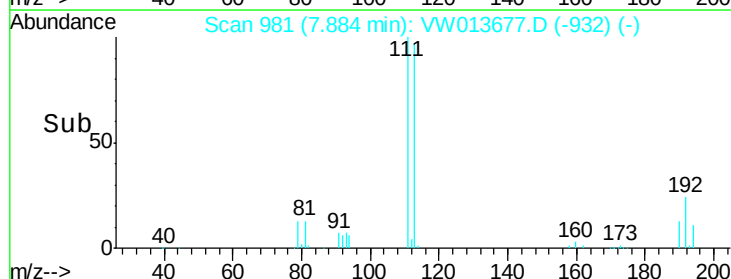
60000

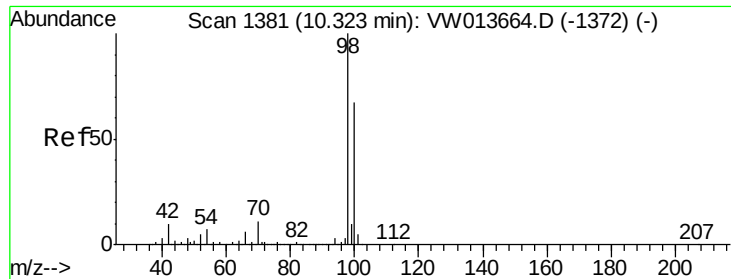
40000

20000

0

Time--> 7.80 7.90 8.00





#50

Toluene-d8

Concen: 48.142 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

Instrument :

MSVOA_W

ClientSampleId :

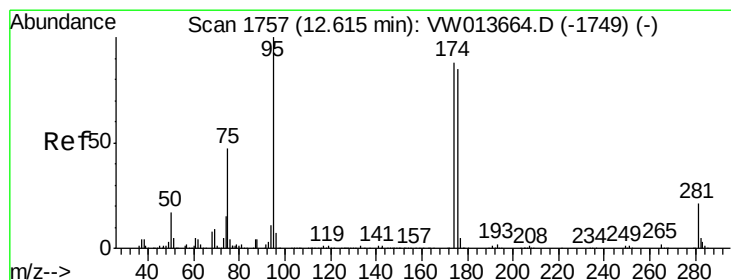
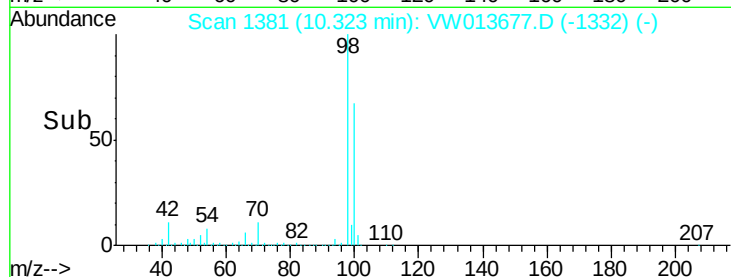
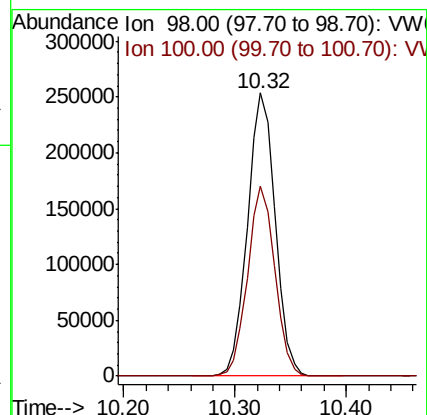
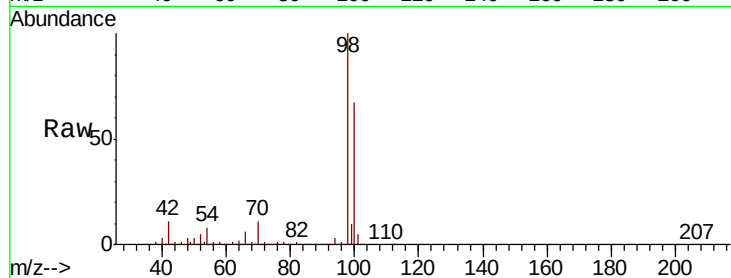
182-66-(2)

Tot Ion: 98 Resp: 439020

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 33.158 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

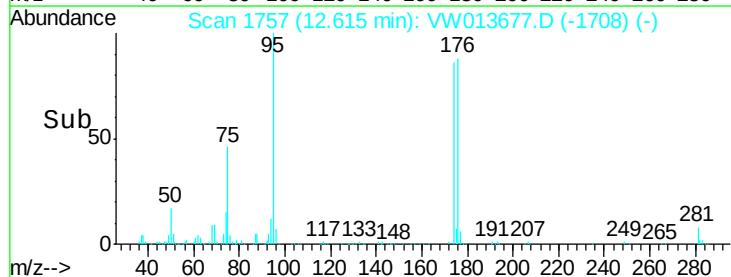
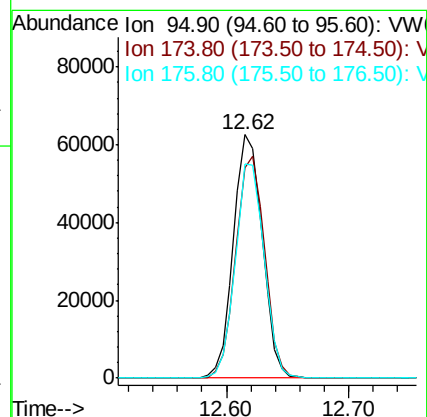
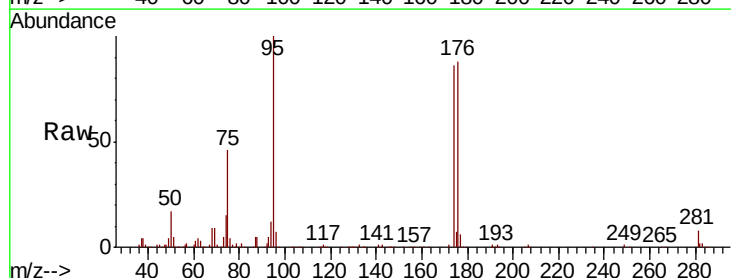
Tgt Ion: 95 Resp: 102386

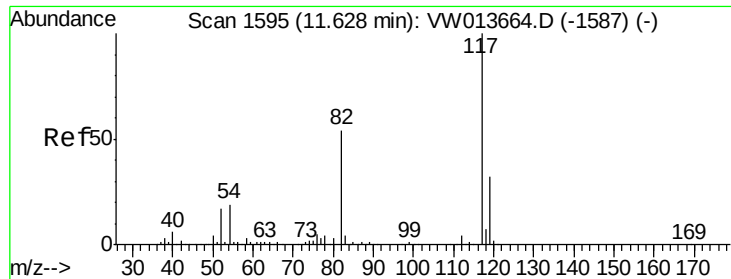
Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.6

176 87.7 0.0 178.0

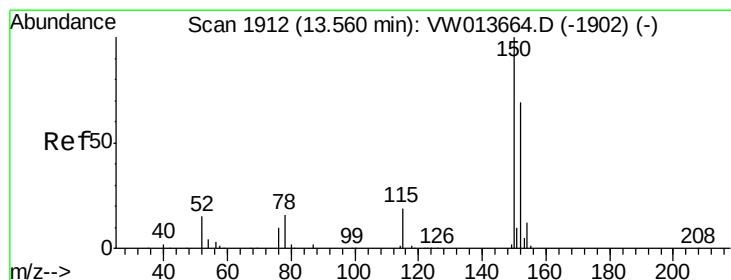
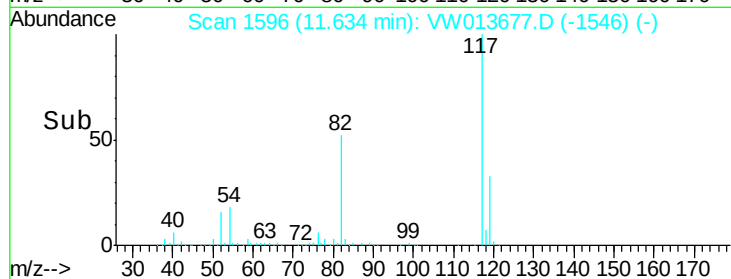
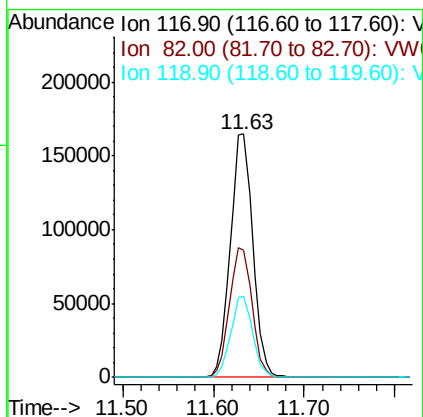
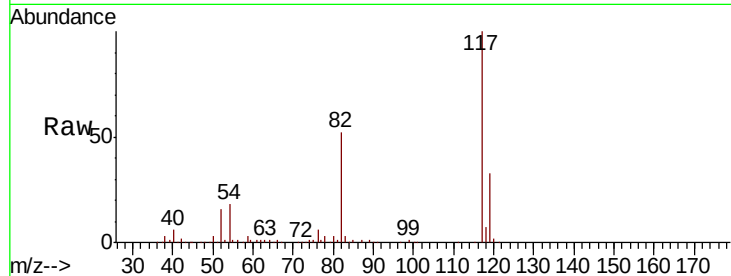




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013677.D
Acq: 23 Oct 2019 19:42

Instrument :
MSVOA_W
ClientSampleId :
182-66-(2)

Tot Ion:117 Resp: 284030
Ion Ratio Lower Upper
117 100
82 52.3 43.6 65.4
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013677.D
Acq: 23 Oct 2019 19:42

Tgt Ion:152 Resp: 80641
Ion Ratio Lower Upper
152 100
115 53.1 27.4 82.2
150 155.9 0.0 345.4

