

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009092.D
 Acq On : 11 Mar 2019 17:45
 Operator : SY/VA
 Sample : K1807-07RE
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4RE

Quant Time: Mar 12 08:54:09 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	293234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	429627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	178673	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	
35) Dibromofluoromethane	7.88	113	147845	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	10.32	98	565794	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.62	95	190214	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	

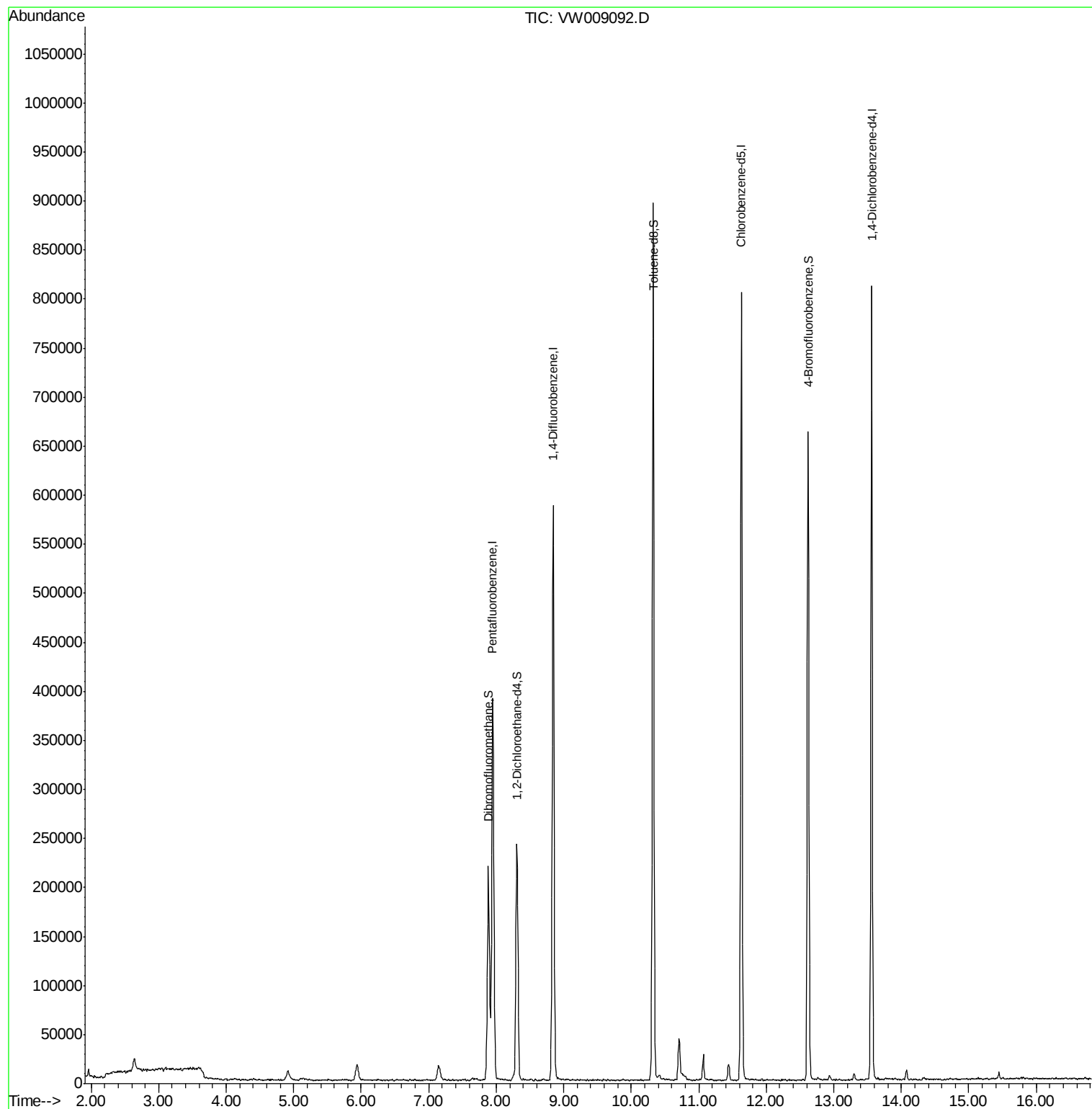
Target Compounds	Qvalue

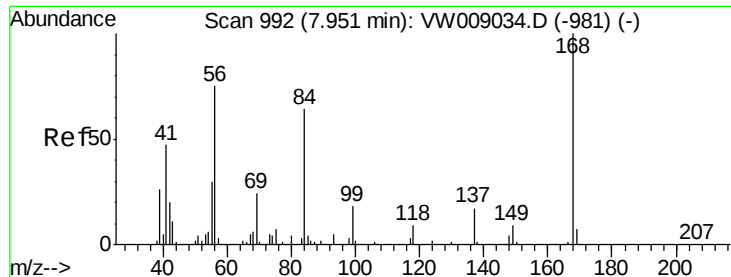
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

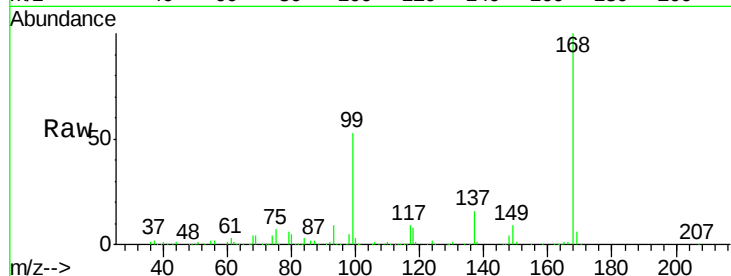
TP-4RE

Tot Ion:168 Resp: 293234

Ion Ratio Lower Upper

168 100

99 52.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

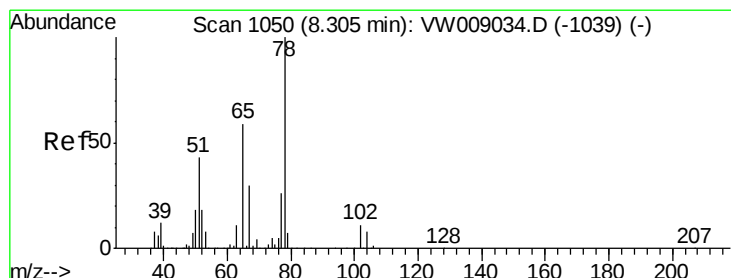
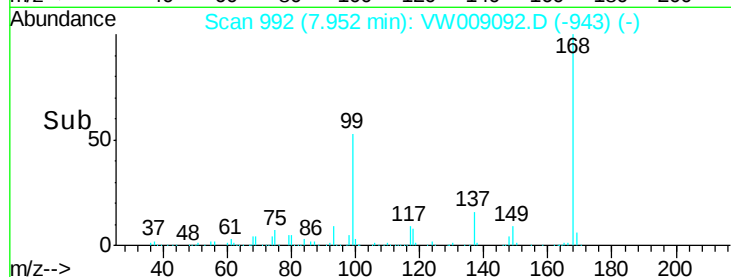
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 60.563 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009092.D

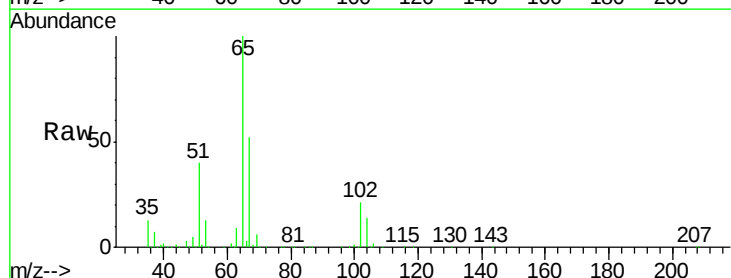
Acq: 11 Mar 2019 17:45

Tgt Ion: 65 Resp: 178673

Ion Ratio Lower Upper

65 100

67 51.0 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

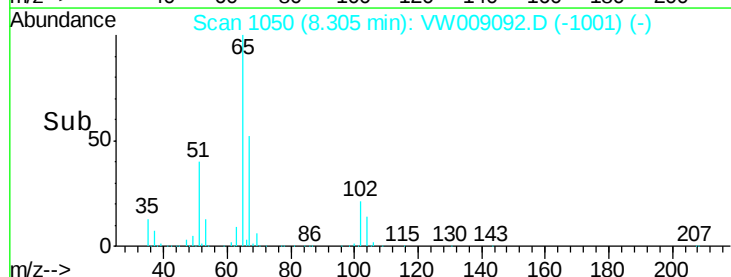
60000

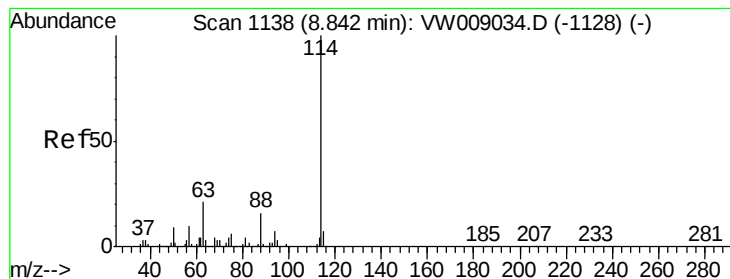
40000

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: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

TP-4RE

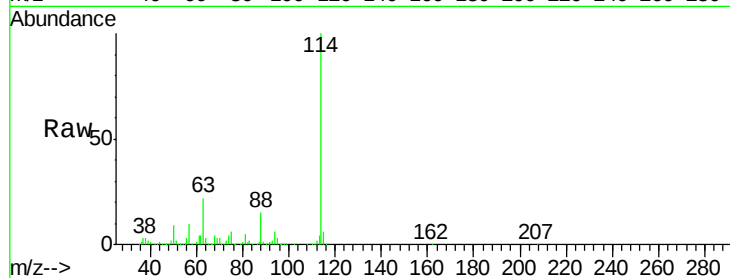
Tot Ion:114 Resp: 467070

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.2

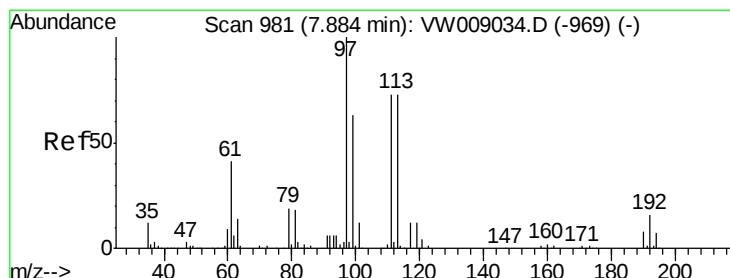
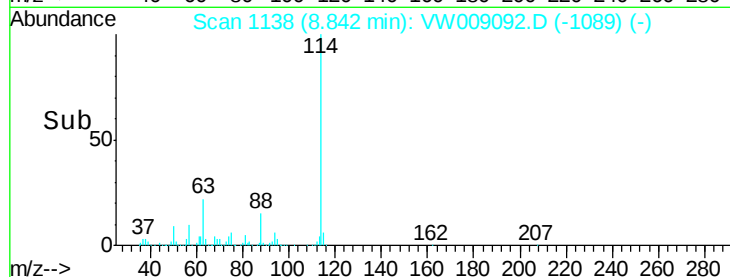
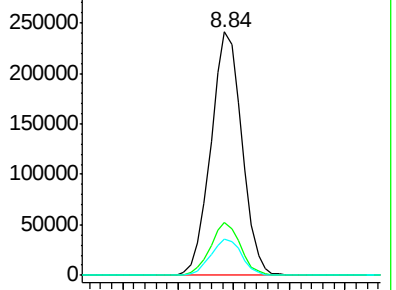
88 15.1 0.0 31.2



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: 52.573 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

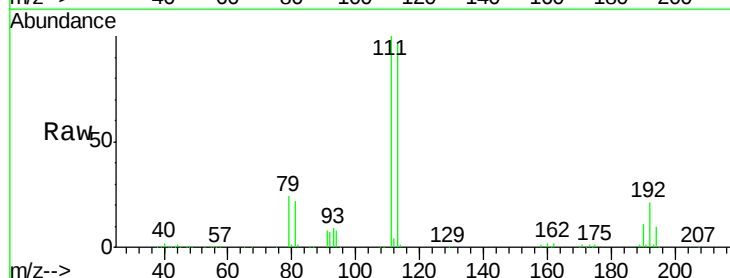
Tgt Ion:113 Resp: 147845

Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.4

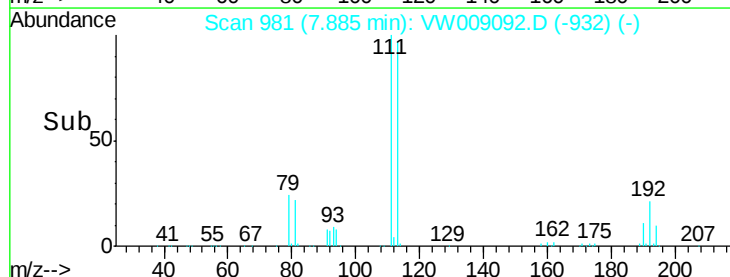
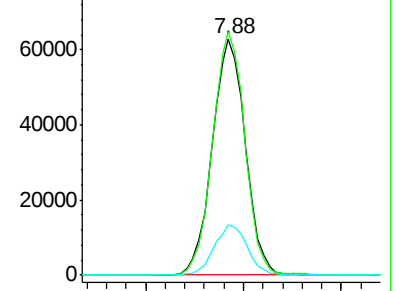
192 21.2 17.1 25.7

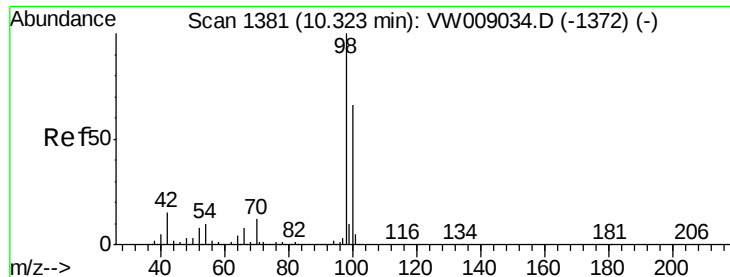


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.986 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

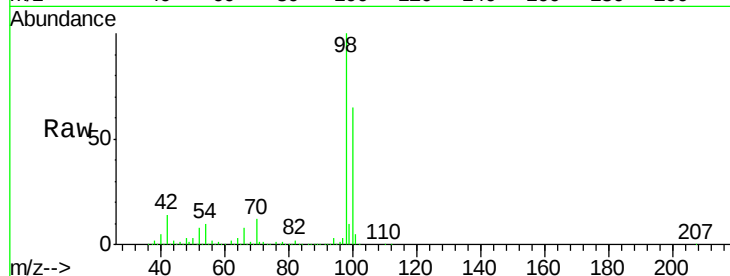
TP-4RE

Tot Ion: 98 Resp: 565794

Ion Ratio Lower Upper

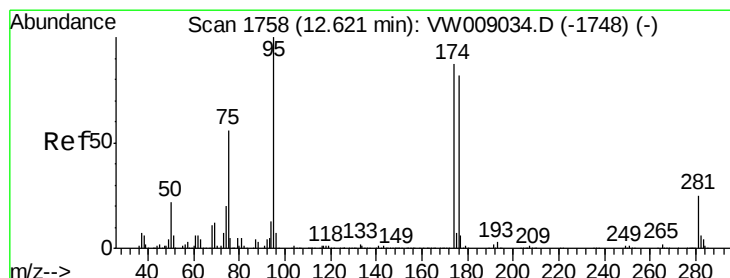
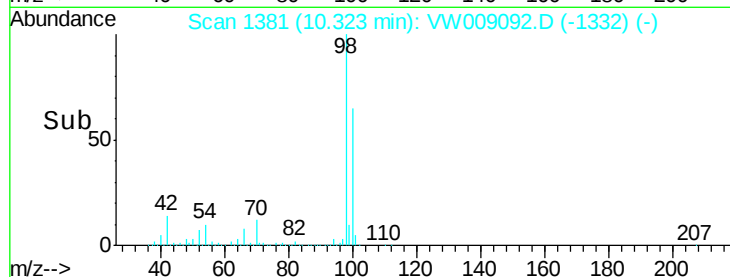
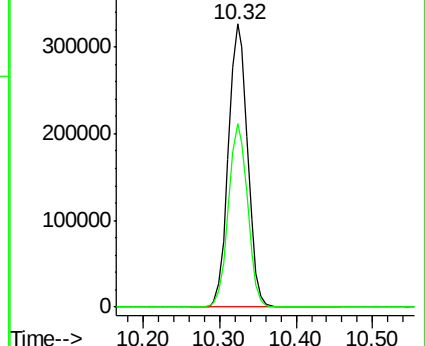
98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.835 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009092.D

Acq: 11 Mar 2019 17:45

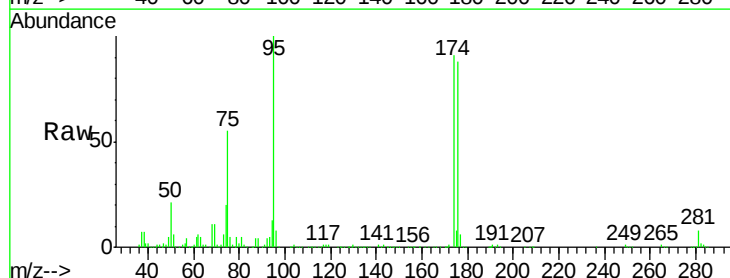
Tgt Ion: 95 Resp: 190214

Ion Ratio Lower Upper

95 100

174 88.9 0.0 167.0

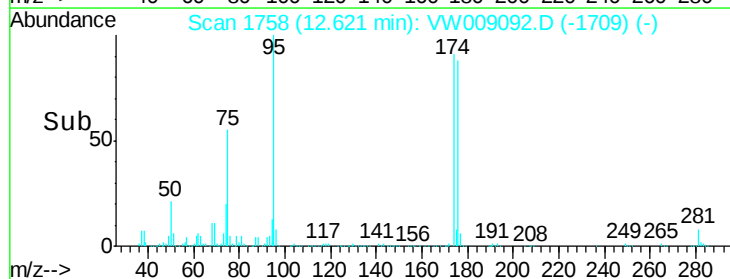
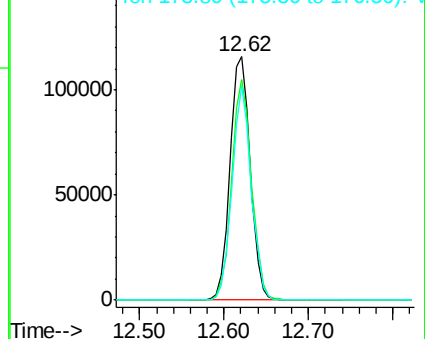
176 83.1 0.0 159.4

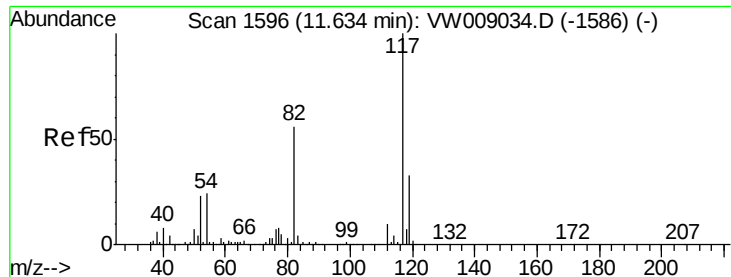


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

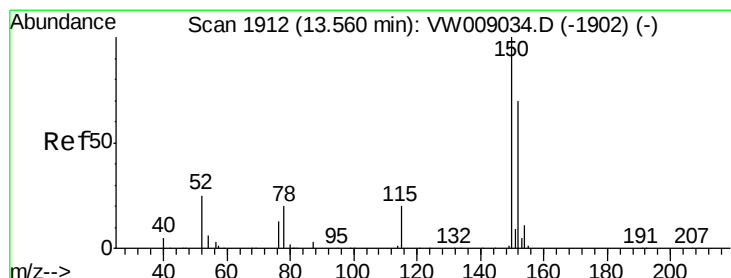
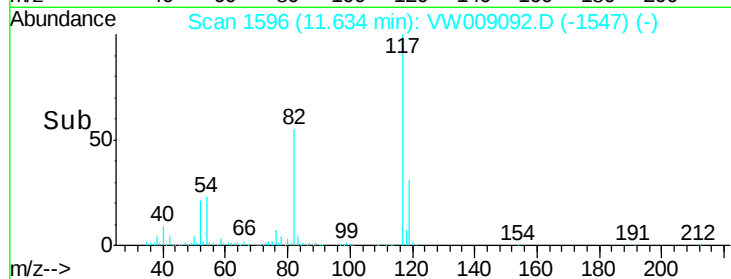
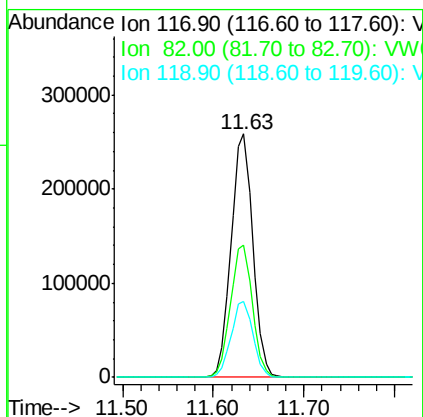
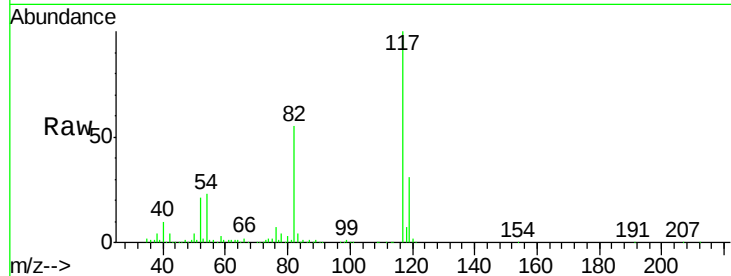




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009092.D
Acq: 11 Mar 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :
TP-4RE

Tot Ion:117 Resp: 429627
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 31.4 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: VW009092.D
Acq: 11 Mar 2019 17:45

Tgt Ion:152 Resp: 202308
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 155.9 0.0 349.2

