

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011691.D
 Acq On : 04 Aug 2019 04:16
 Operator : SY/VA
 Sample : K4135-20
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B4-(30)

Quant Time: Aug 05 01:31:05 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	193597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88929	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128201	57.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.34%	
35) Dibromofluoromethane	7.88	113	100930	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
50) Toluene-d8	10.32	98	362951	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.62	95	103758	38.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.48%	

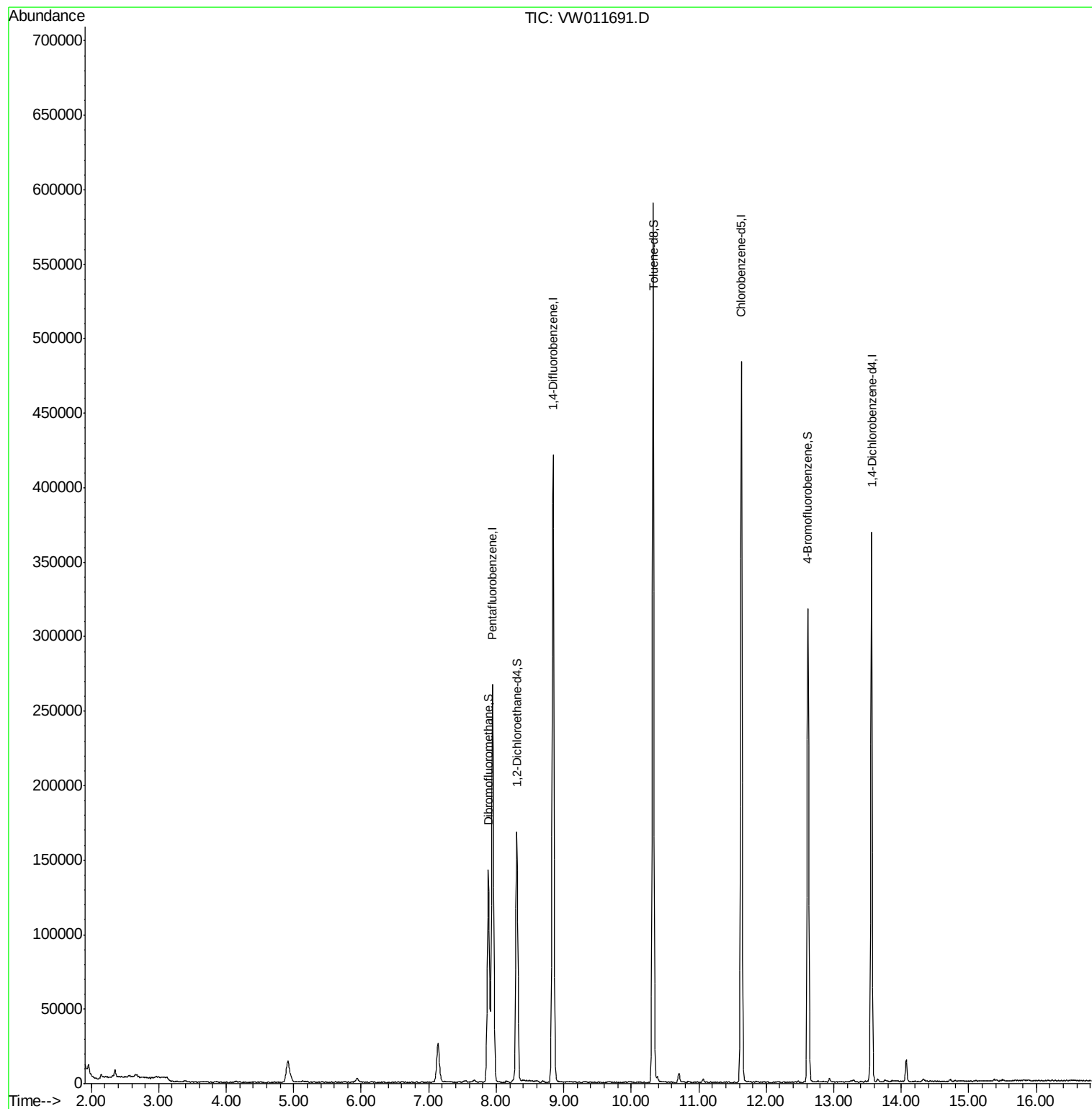
Target Compounds	Qvalue

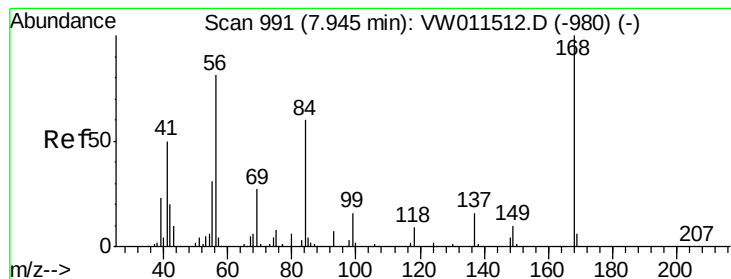
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 04 Aug 2019 04:16

Instrument :

MSVOA_W

ClientSampleId :

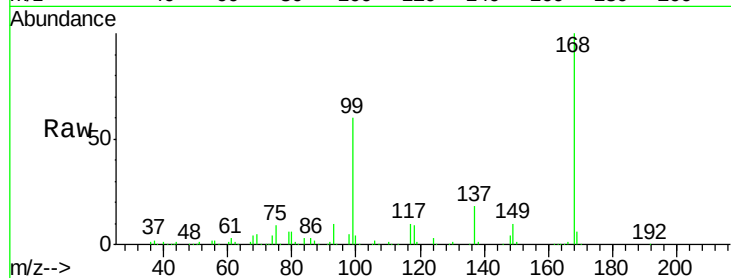
1S-B4-(30)

Tot Ion:168 Resp: 193597

Ion Ratio Lower Upper

168 100

99 60.3 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

80000

60000

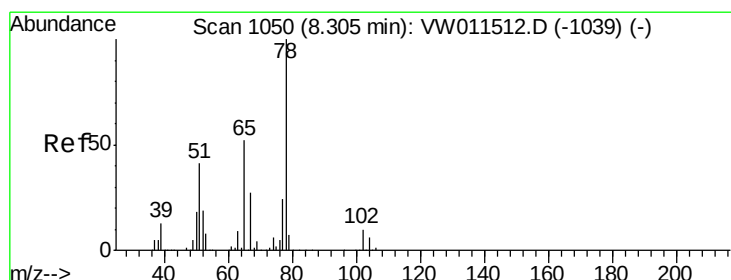
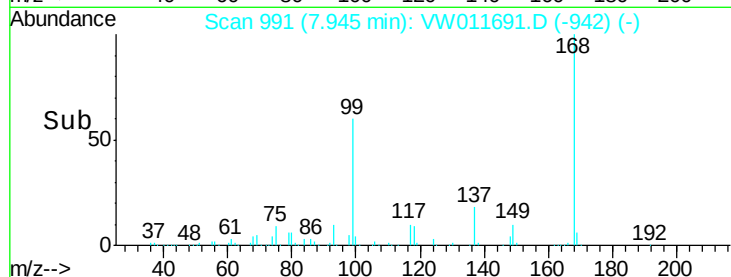
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.669 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011691.D

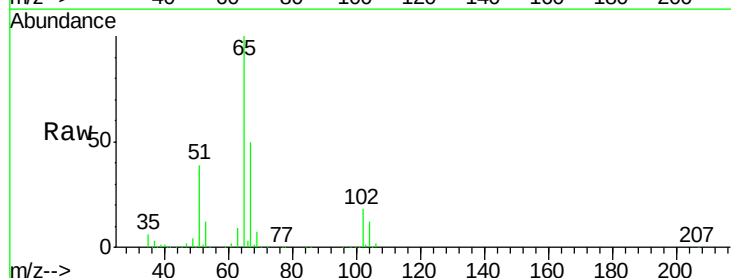
Acq: 04 Aug 2019 04:16

Tgt Ion: 65 Resp: 128201

Ion Ratio Lower Upper

65 100

67 51.4 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

60000

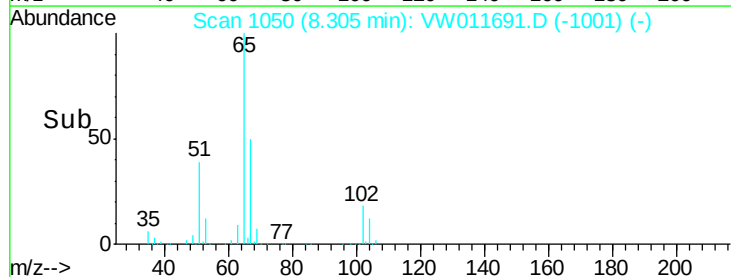
40000

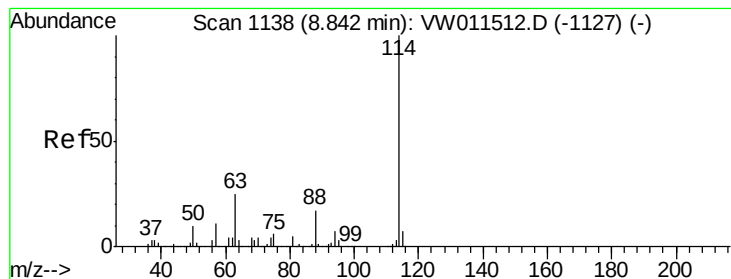
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011691.D

Acq: 04 Aug 2019 04:16

Instrument :

MSVOA_W

ClientSampleId :

1S-B4-(30)

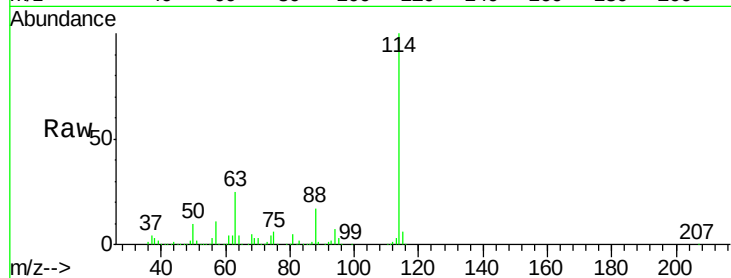
Tot Ion:114 Resp: 327053

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

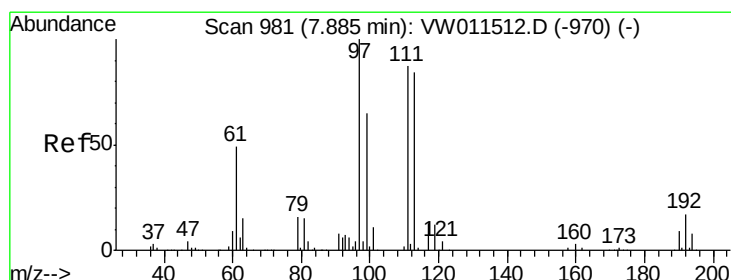
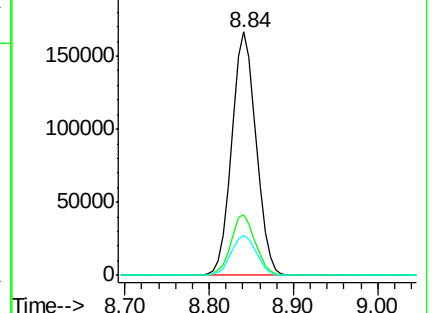
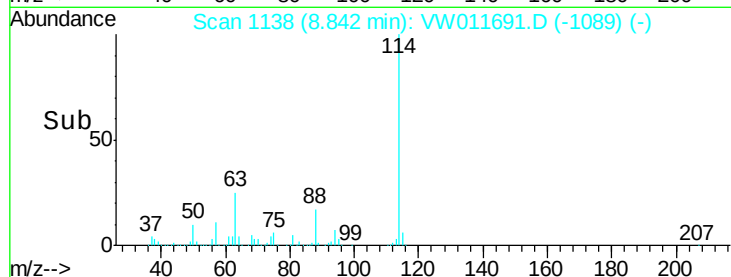
88 16.6 0.0 33.8



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: 55.008 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011691.D

Acq: 04 Aug 2019 04:16

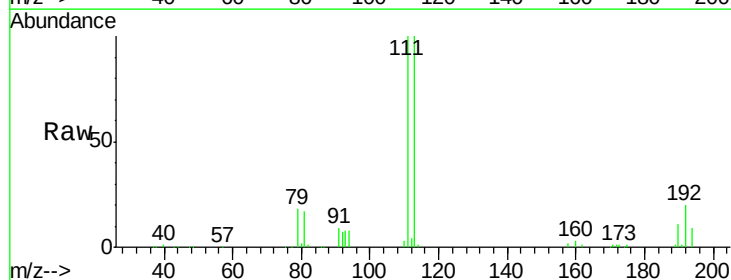
Tgt Ion:113 Resp: 100930

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

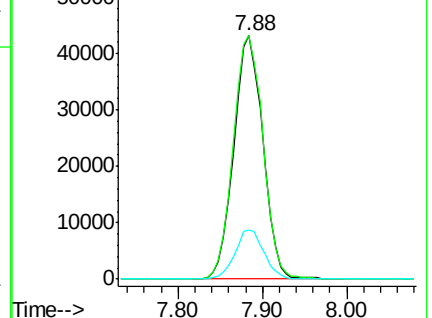
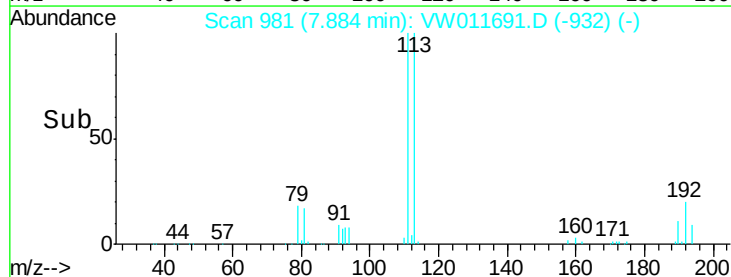
192 20.1 16.1 24.1

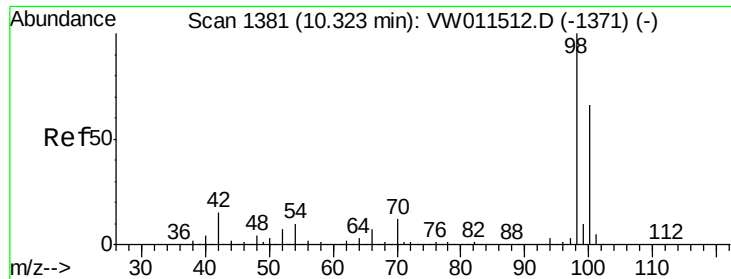


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.314 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011691.D

Acq: 04 Aug 2019 04:16

Instrument :

MSVOA_W

ClientSampleId :

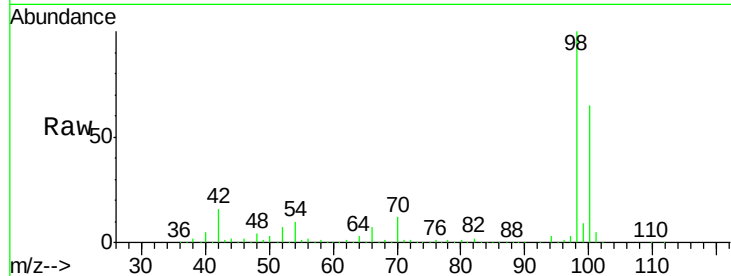
1S-B4-(30)

Tot Ion: 98 Resp: 362951

Ion Ratio Lower Upper

98 100

100 65.3 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

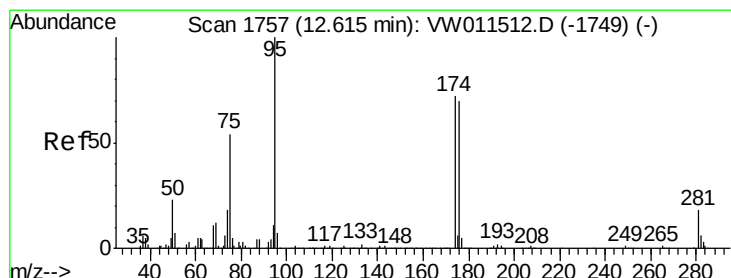
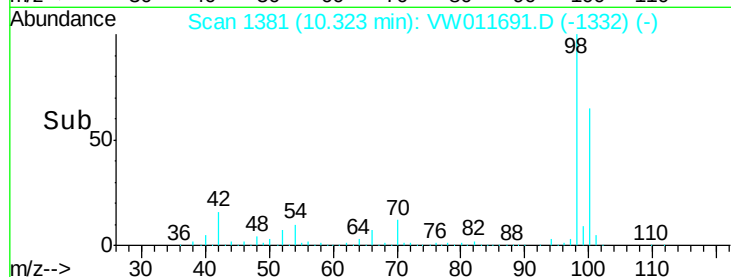
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 38.740 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011691.D

Acq: 04 Aug 2019 04:16

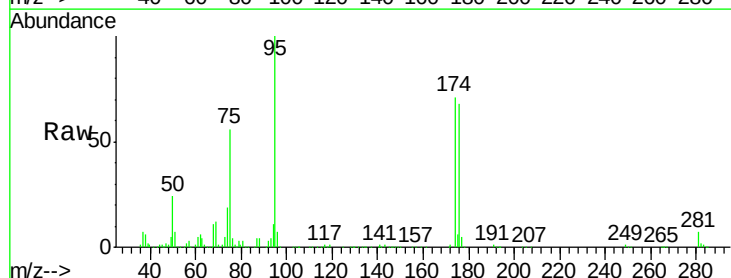
Tgt Ion: 95 Resp: 103758

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.2

176 72.8 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

80000

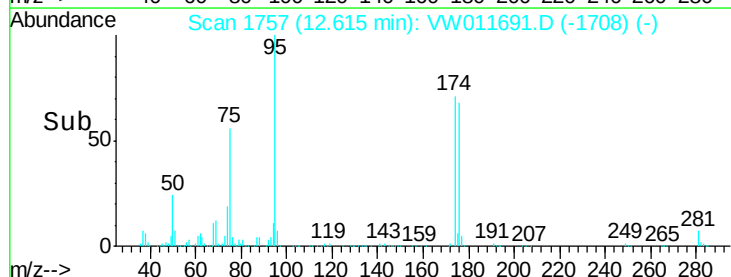
60000

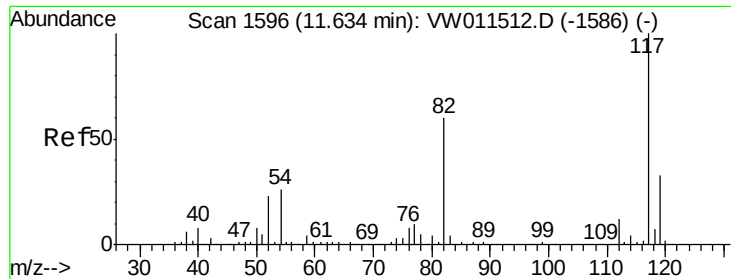
40000

20000

0

Time--> 12.50 12.60 12.70

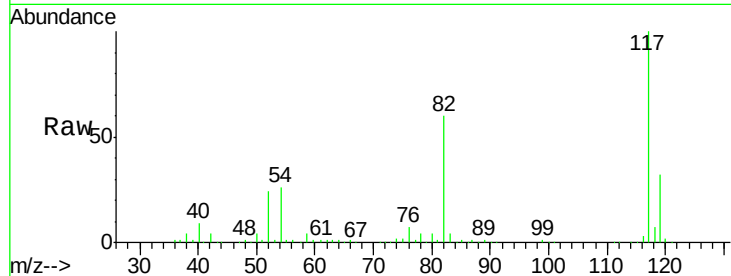




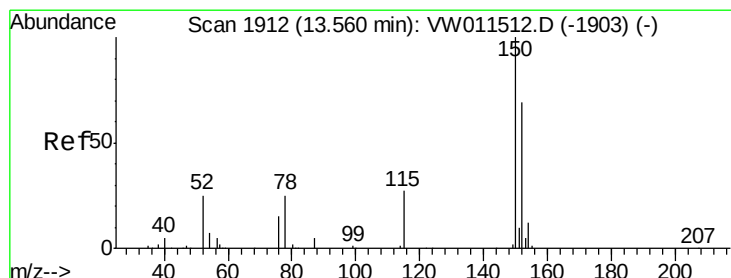
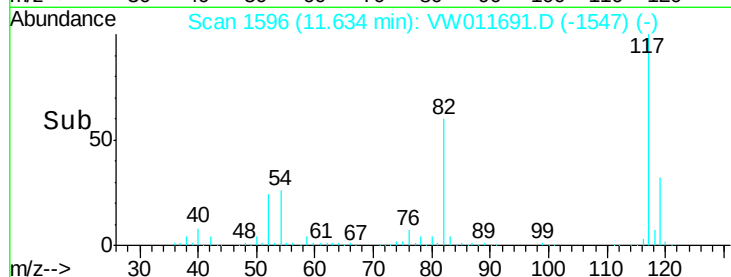
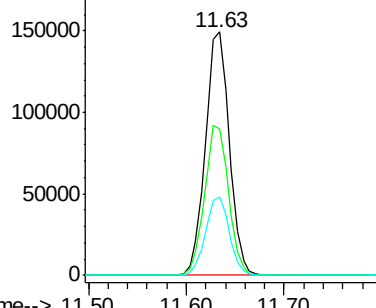
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011691.D
Acq: 04 Aug 2019 04:16

Instrument :
MSVOA_W
ClientSampleId :
1S-B4-(30)

Tot Ion:117 Resp: 254003
Ion Ratio Lower Upper
117 100
82 60.0 47.9 71.9
119 32.1 26.2 39.2

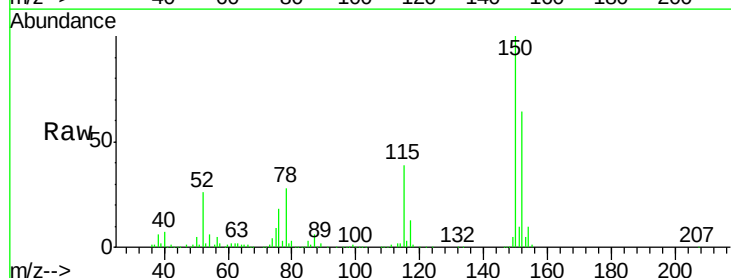


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011691.D
Acq: 04 Aug 2019 04:16

Tgt Ion:152 Resp: 88929
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 158.6 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

