

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011690.D
 Acq On : 04 Aug 2019 03:49
 Operator : SY/VA
 Sample : K4135-19
 Misc : 5.75G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B3-(30)

Quant Time: Aug 05 01:28:58 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	195837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	121235	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
35) Dibromofluoromethane	7.88	113	95751	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.32	98	350695	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.62	95	102439	37.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.76%	

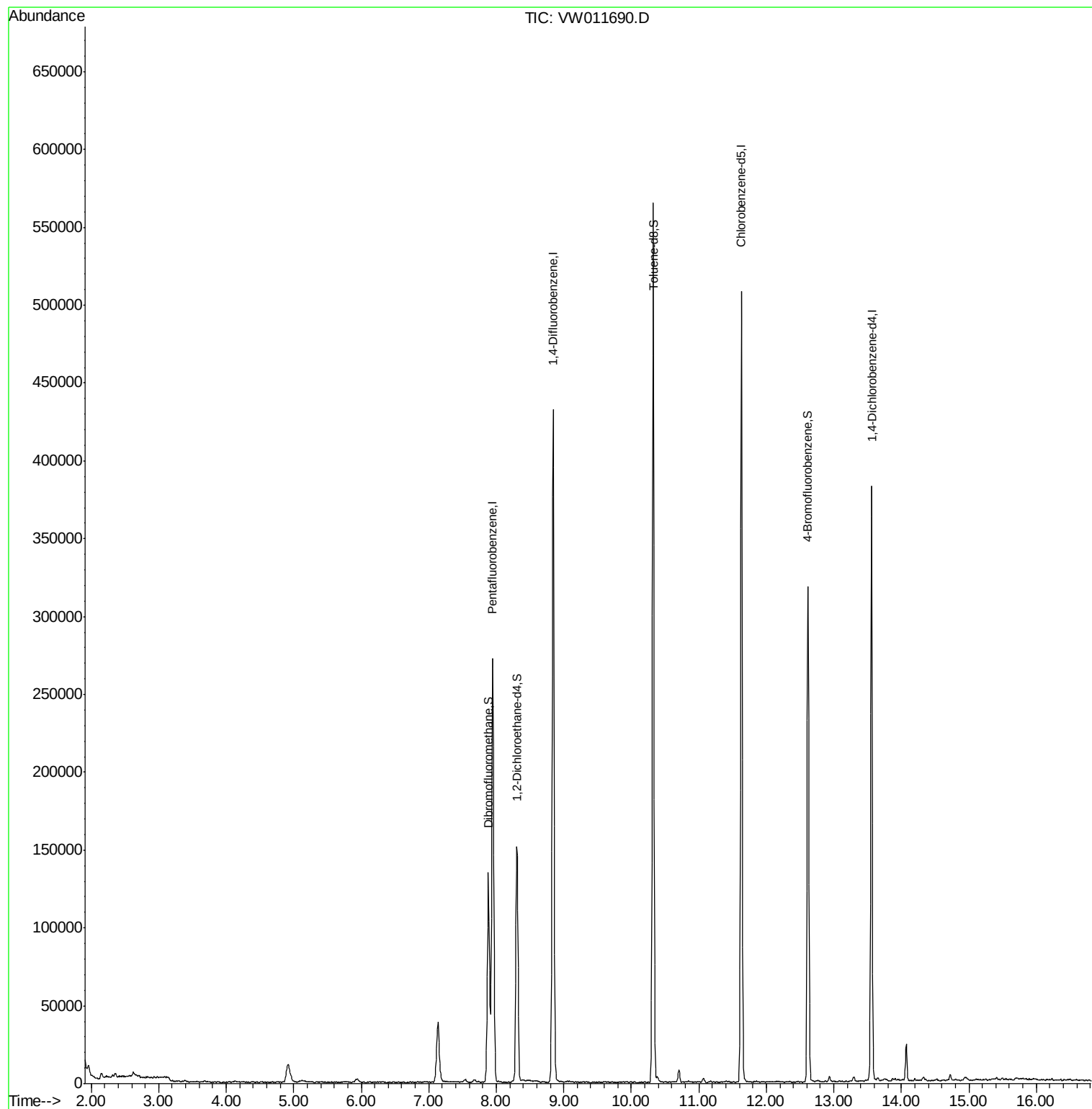
Target Compounds	Qvalue
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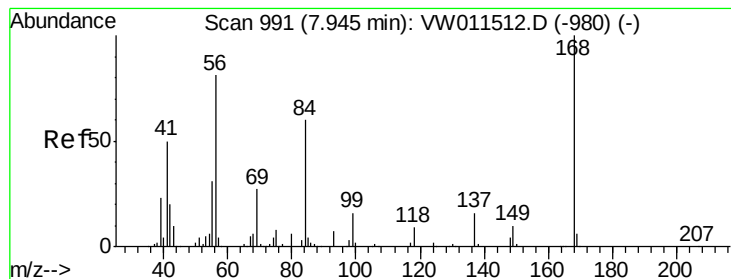
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011690.D

Acq: 04 Aug 2019 03:49

Instrument :

MSVOA_W

ClientSampleId :

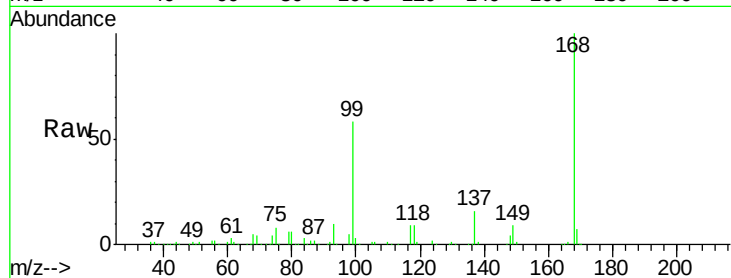
1S-B3-(30)

Tot Ion:168 Resp: 195837

Ion Ratio Lower Upper

168 100

99 57.7 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

100000

80000

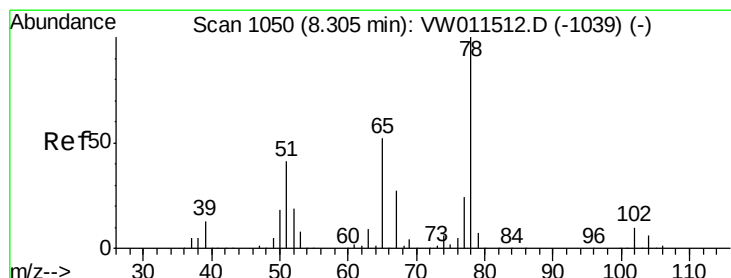
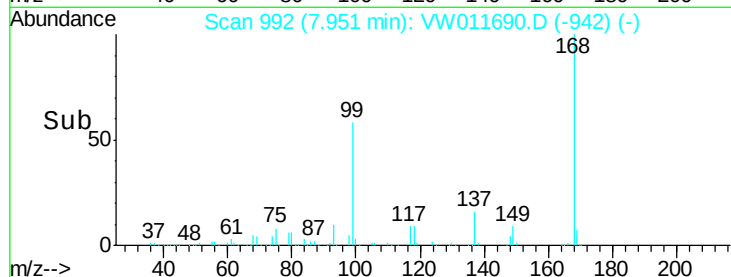
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.912 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011690.D

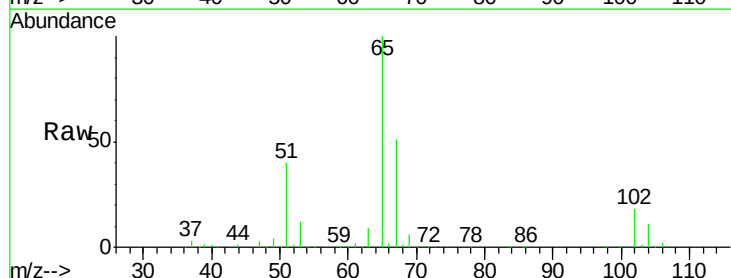
Acq: 04 Aug 2019 03:49

Tgt Ion: 65 Resp: 121235

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

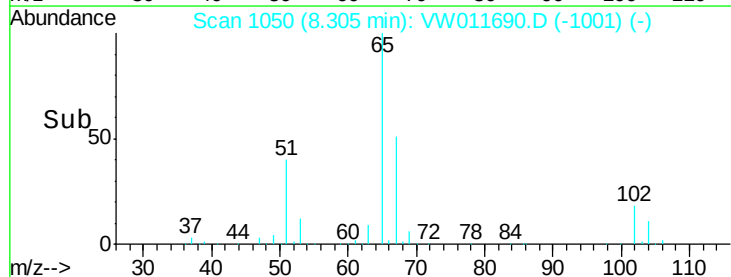
30000

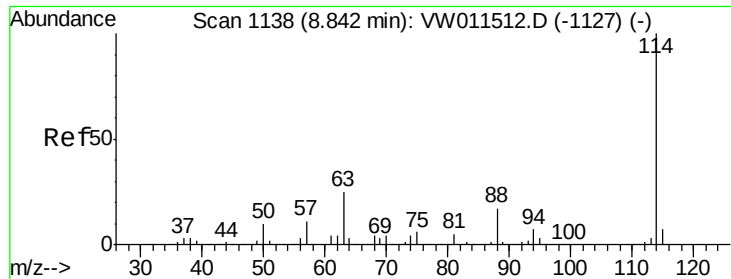
20000

10000

0

Time-->

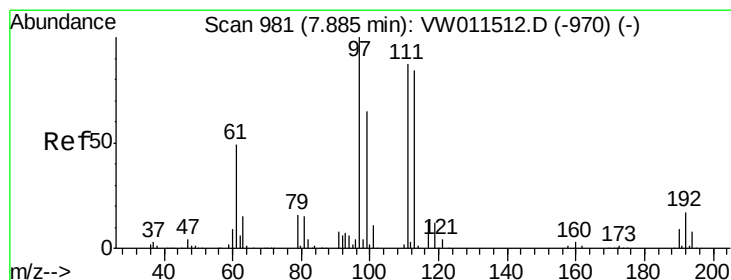
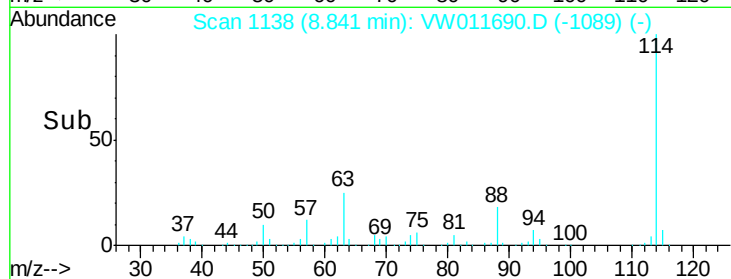
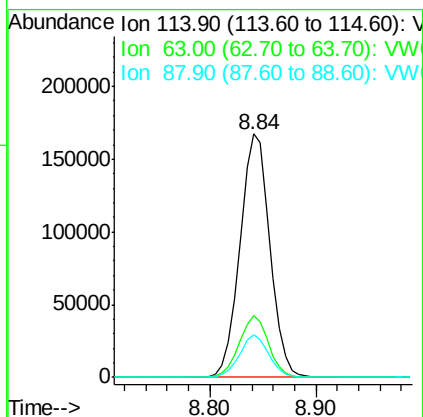
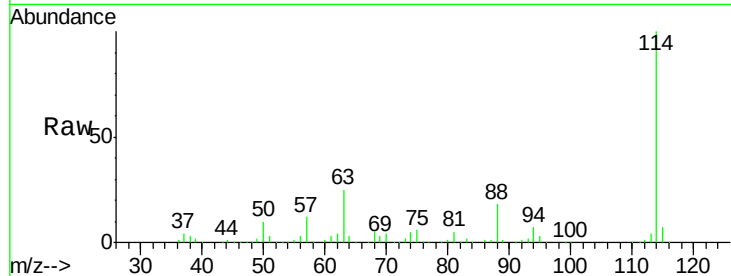




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011690.D
 Acq: 04 Aug 2019 03:49

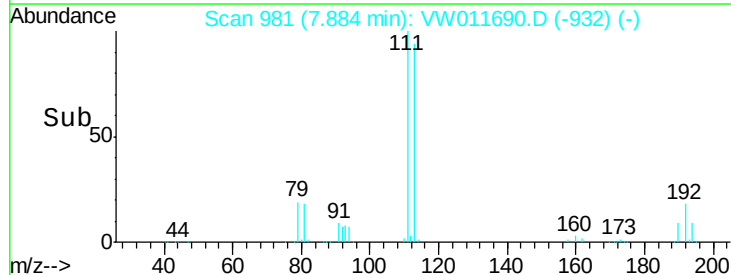
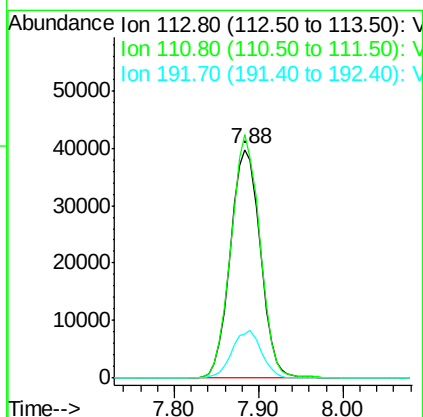
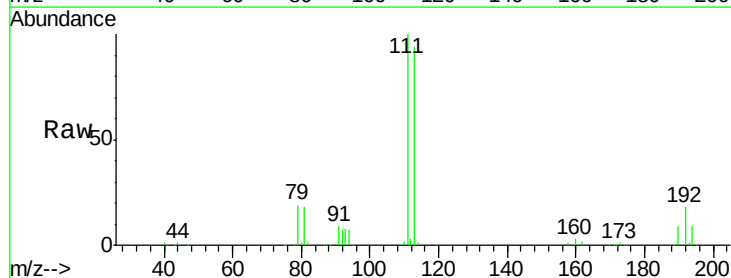
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B3-(30)

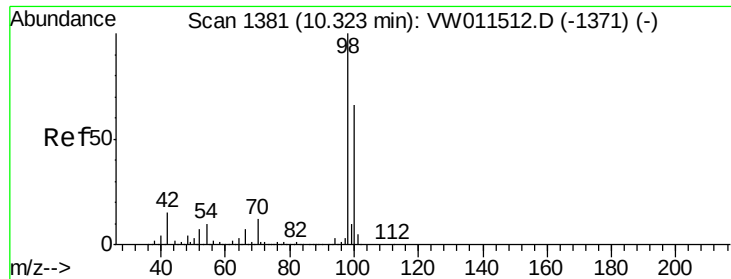
Tot Ion:114 Resp: 330270
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.6 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 51.677 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011690.D
 Acq: 04 Aug 2019 03:49

Tgt Ion:113 Resp: 95751
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 20.5 16.1 24.1





#50

Toluene-d8

Concen: 46.228 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011690.D

Acq: 04 Aug 2019 03:49

Instrument :

MSVOA_W

ClientSampleId :

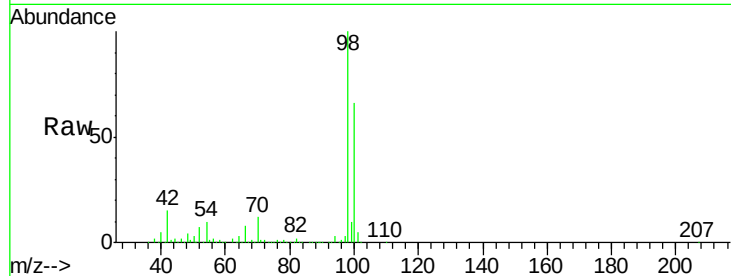
1S-B3-(30)

Tot Ion: 98 Resp: 350695

Ion Ratio Lower Upper

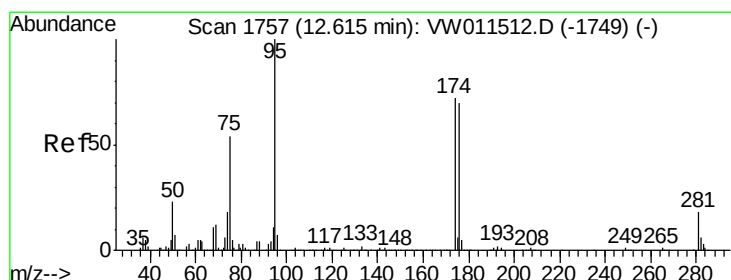
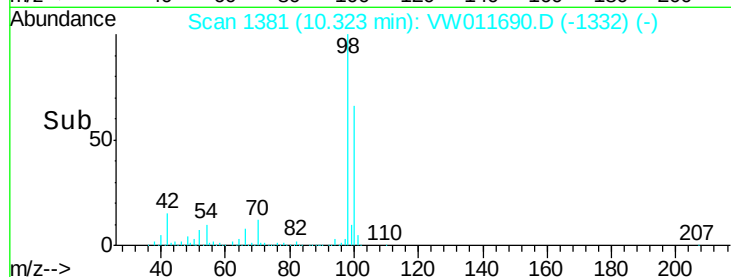
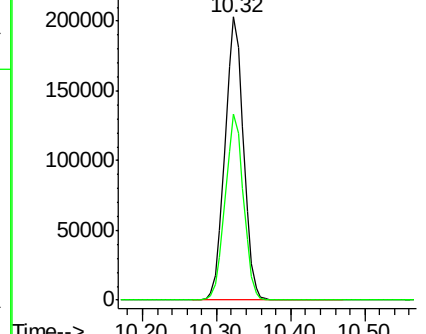
98 100

100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.875 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011690.D

Acq: 04 Aug 2019 03:49

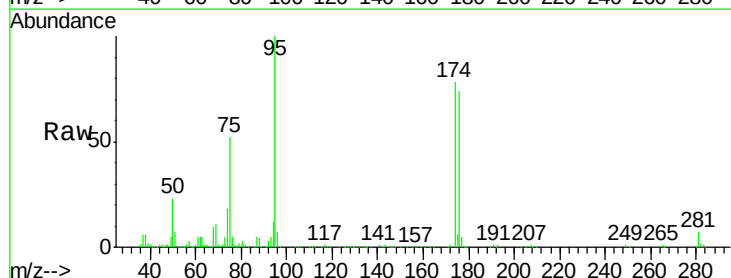
Tgt Ion: 95 Resp: 102439

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

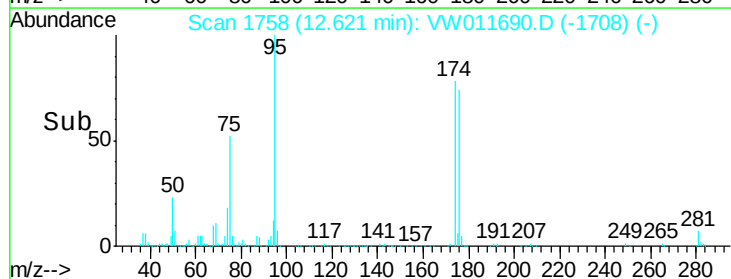
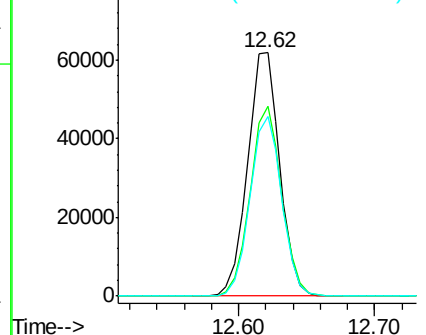
176 72.9 0.0 144.4

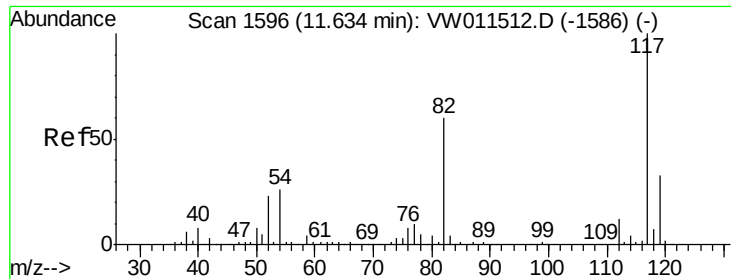


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

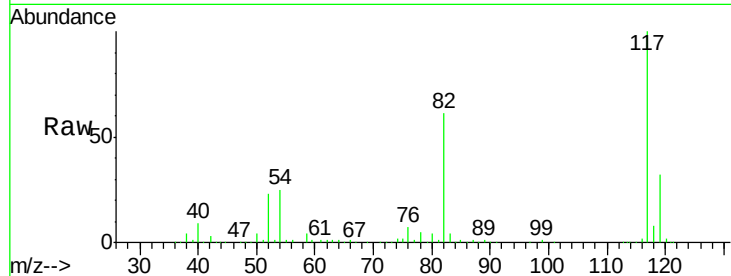




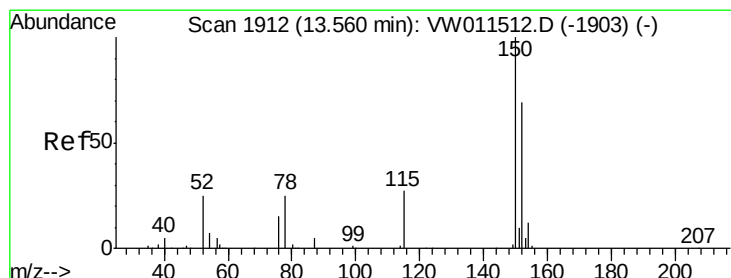
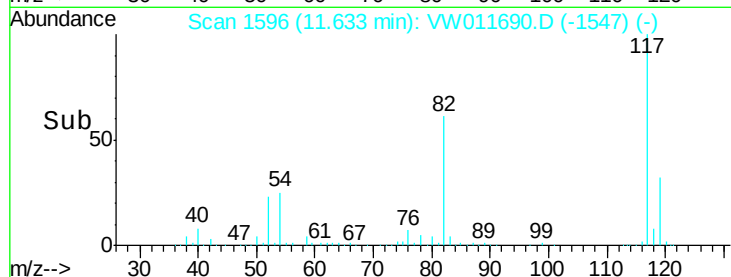
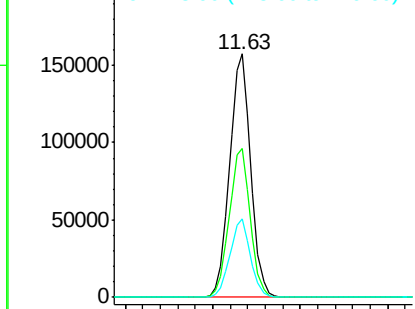
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011690.D
Acq: 04 Aug 2019 03:49

Instrument :
MSVOA_W
ClientSampleId :
1S-B3-(30)

Tot Ion:117 Resp: 262539
Ion Ratio Lower Upper
117 100
82 61.2 47.9 71.9
119 32.2 26.2 39.2

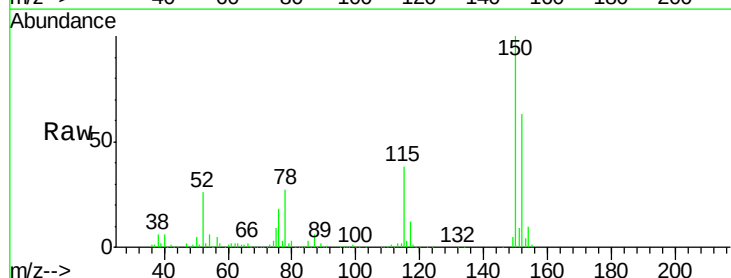


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011690.D
Acq: 04 Aug 2019 03:49

Tgt Ion:152 Resp: 94041
Ion Ratio Lower Upper
152 100
115 59.1 30.5 91.5
150 157.0 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

