

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011793.D
 Acq On : 09 Aug 2019 02:48
 Operator : SY/VA
 Sample : K4228-13
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-11-(0)

Quant Time: Aug 09 06:09:22 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

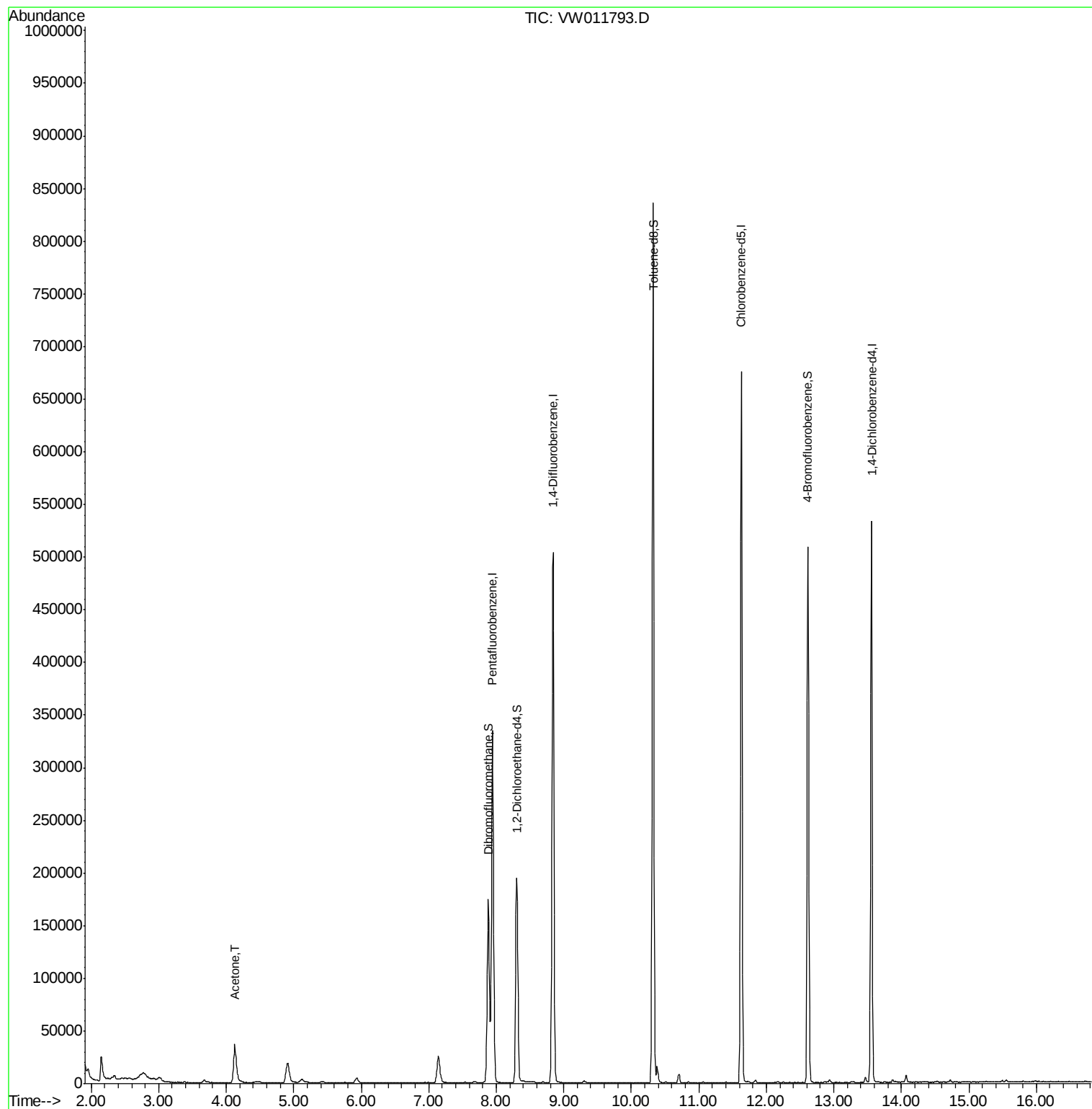
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158093	57.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.36%	
35) Dibromofluoromethane	7.88	113	124330	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	10.32	98	513983	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.62	95	165425	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
Target Compounds						
16) Acetone	4.13	43	70405	80.759	ug/l	Qvalue 99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011793.D

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MSVOA_W

ClientSampleId :

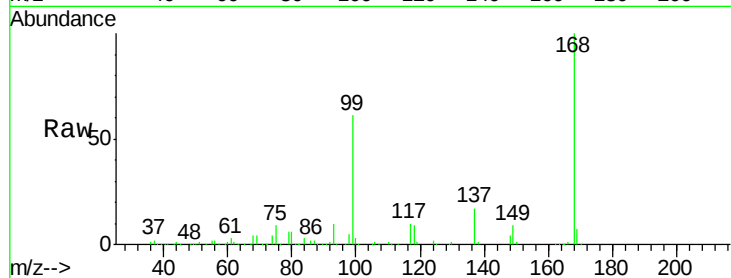
2S-11-(0)

Tot Ion:168 Resp: 238673

Ion Ratio Lower Upper

168 100

99 61.3 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

120000

100000

80000

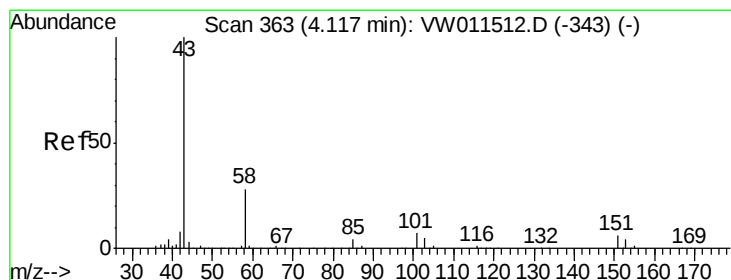
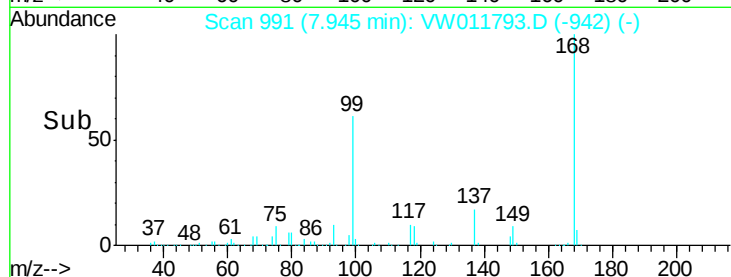
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 80.759 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011793.D

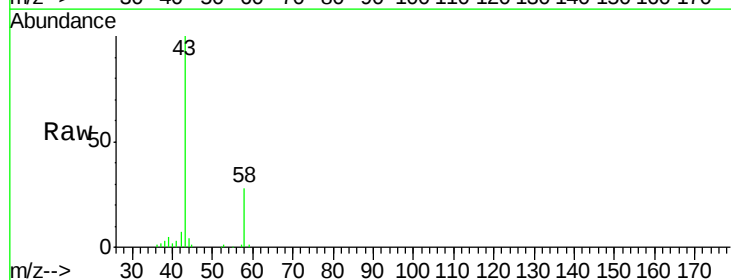
Acq: 09 Aug 2019 02:48

Tgt Ion: 43 Resp: 70405

Ion Ratio Lower Upper

43 100

58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

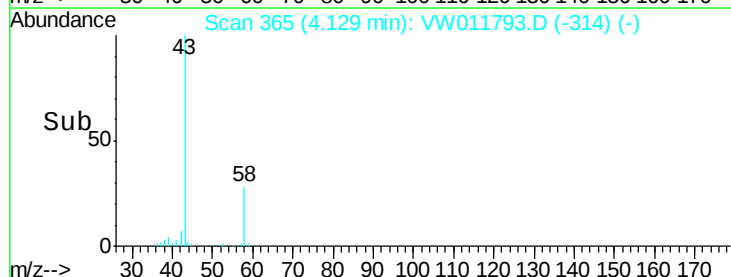
15000

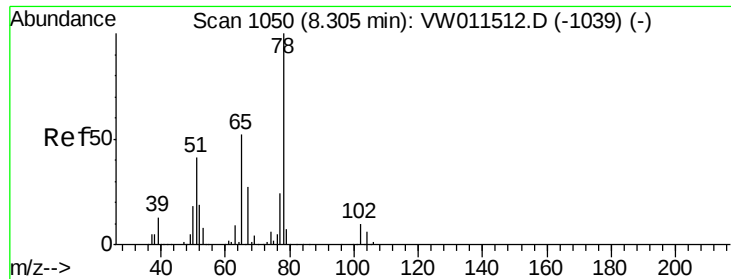
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.685 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011793.D

Acq: 09 Aug 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

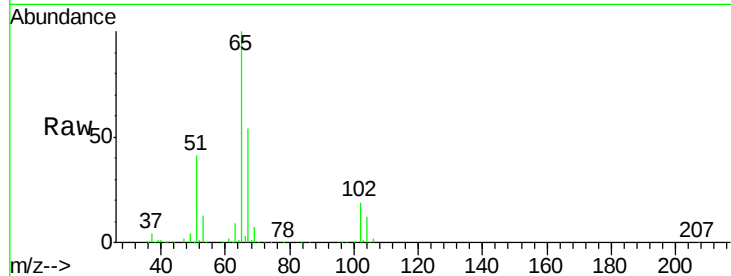
2S-11-(0)

Tot Ion: 65 Resp: 158093

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

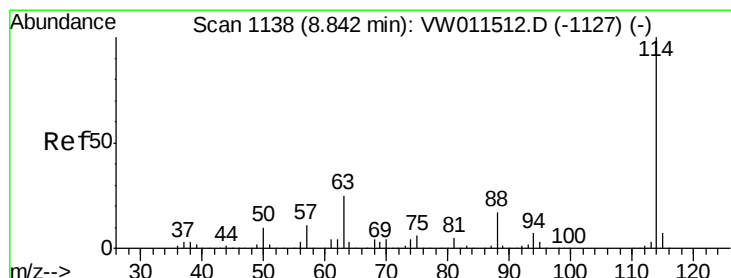
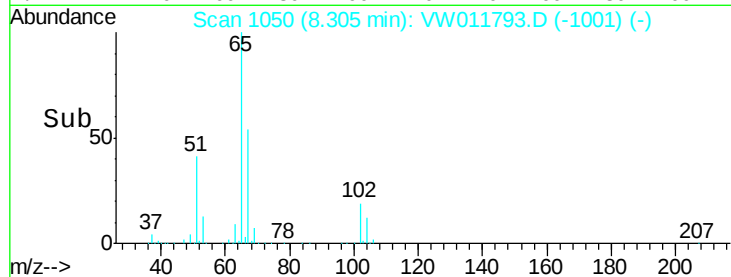
40000

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: VW011793.D

Acq: 09 Aug 2019 02:48

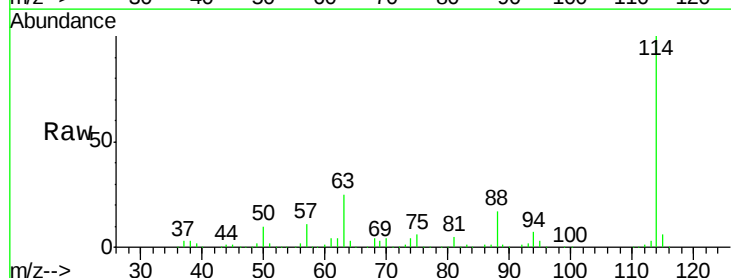
Tgt Ion: 114 Resp: 399857

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.2

88 16.9 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

250000

200000

150000

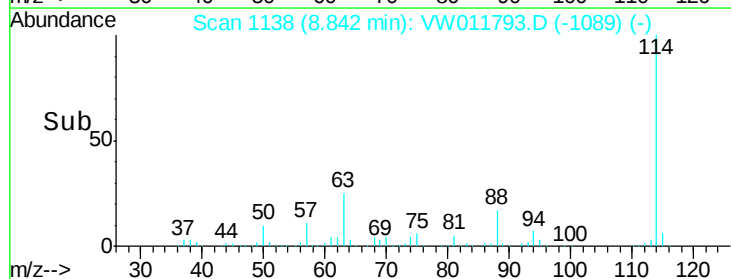
100000

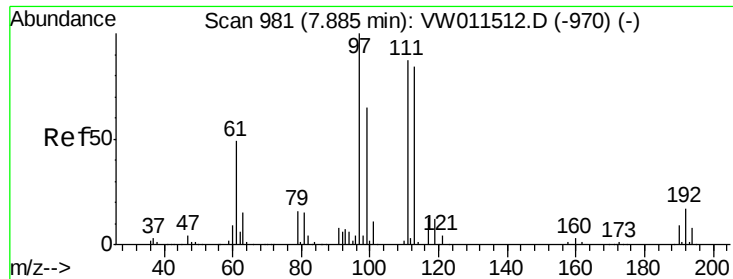
50000

0

8.80 8.90

Time-->

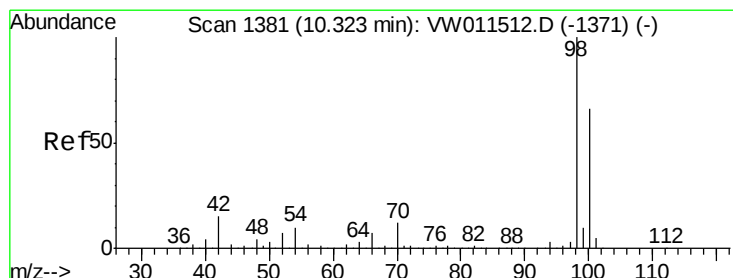
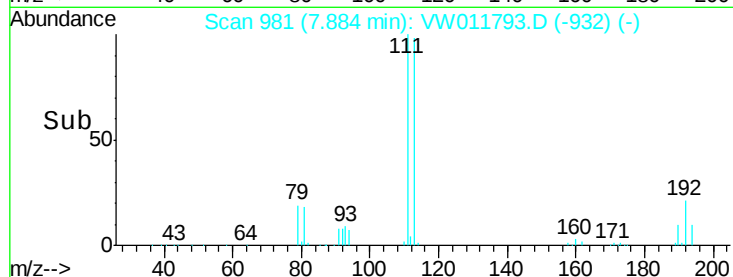
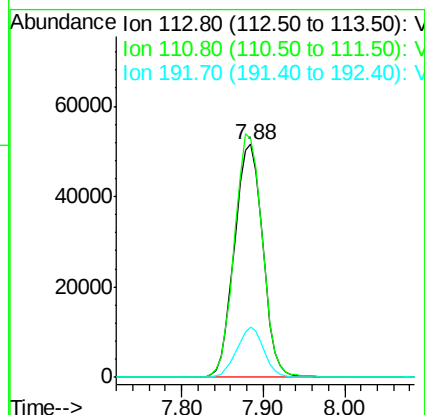
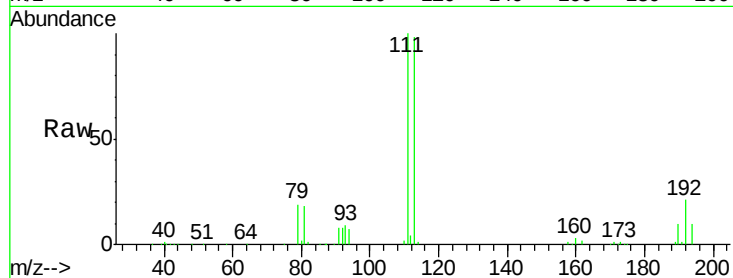




#35
 Dibromofluoromethane
 Concen: 55.424 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011793.D
 Acq: 09 Aug 2019 02:48

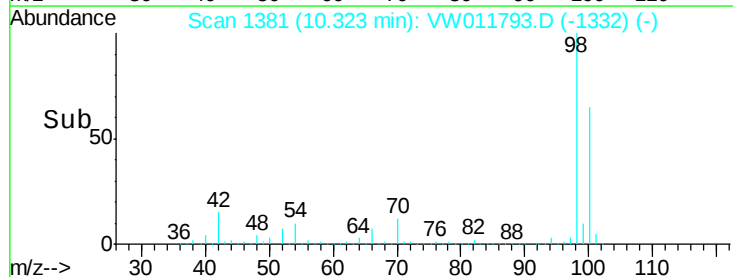
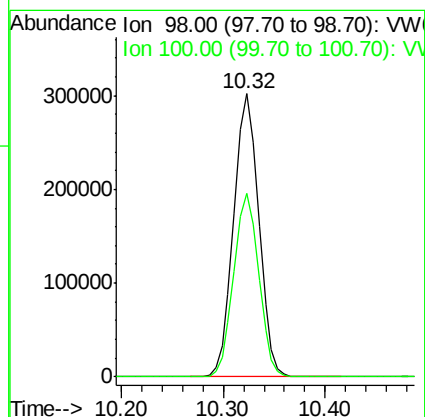
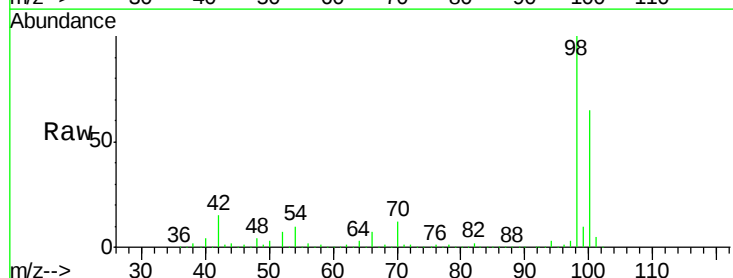
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-11-(0)

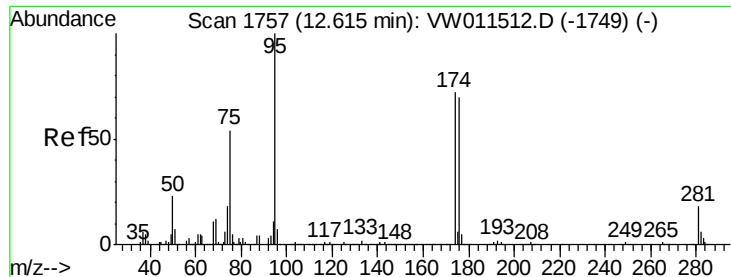
Tot Ion:113 Resp: 124330
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 20.4 16.1 24.1



#50
 Toluene-d8
 Concen: 55.961 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011793.D
 Acq: 09 Aug 2019 02:48

Tgt Ion: 98 Resp: 513983
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 50.519 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011793.D

Acq: 09 Aug 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

2S-11-(0)

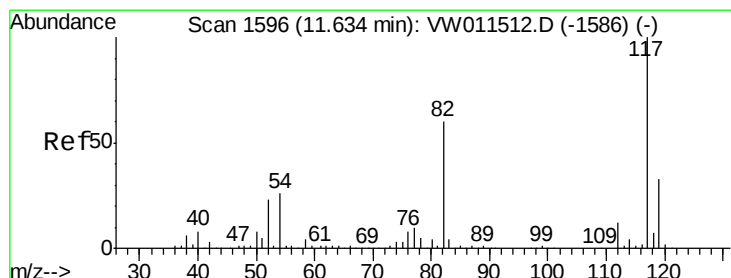
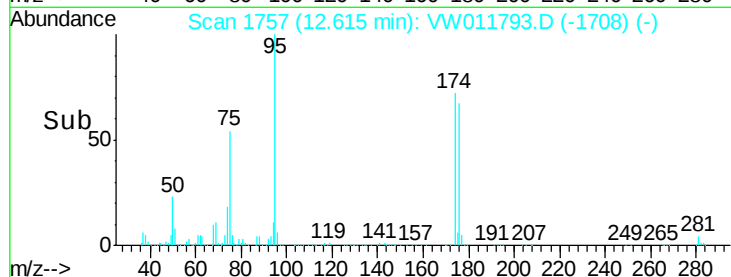
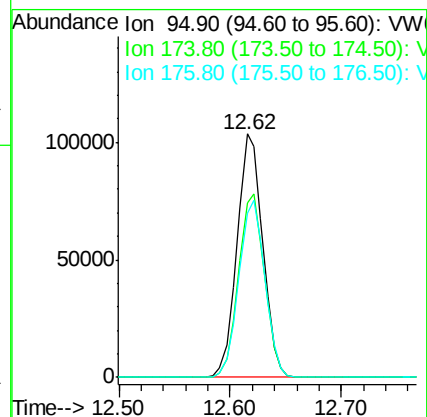
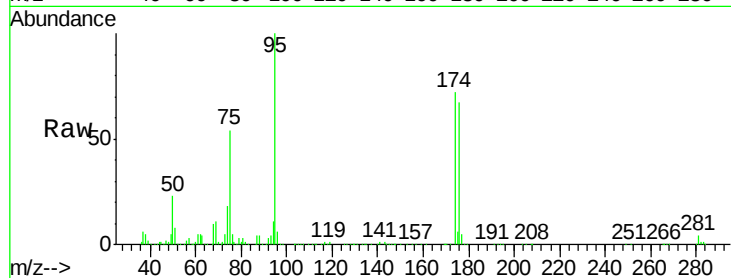
Tot Ion: 95 Resp: 165425

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.2

176 73.8 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011793.D

Acq: 09 Aug 2019 02:48

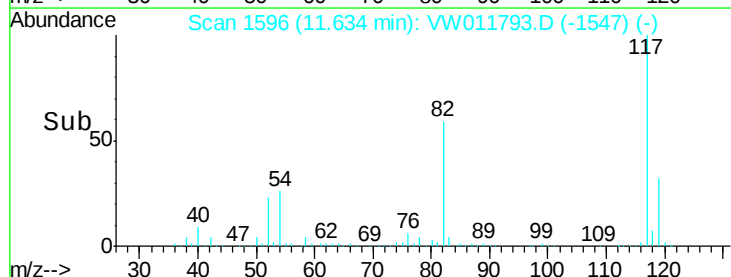
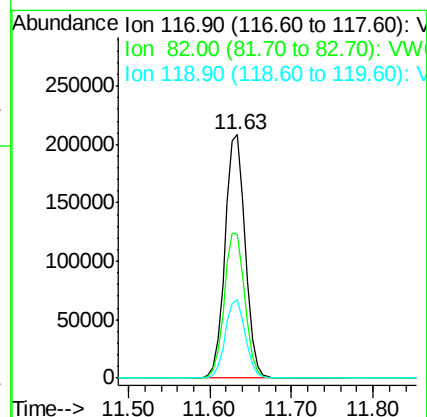
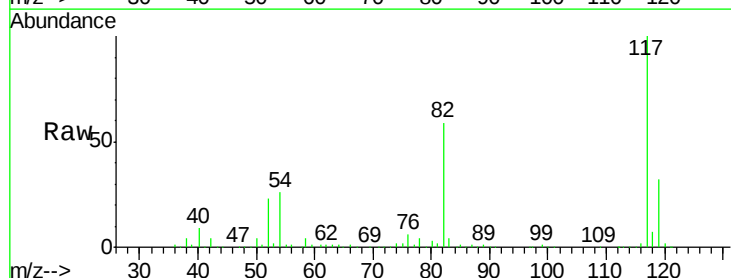
Tgt Ion: 117 Resp: 357866

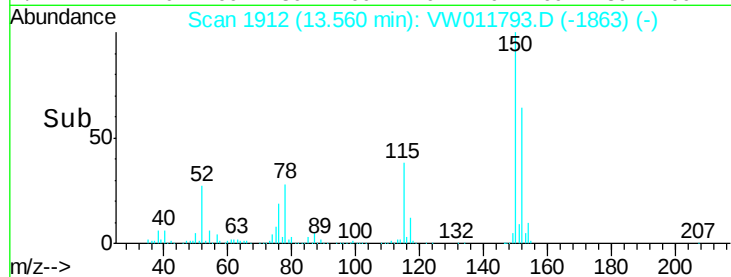
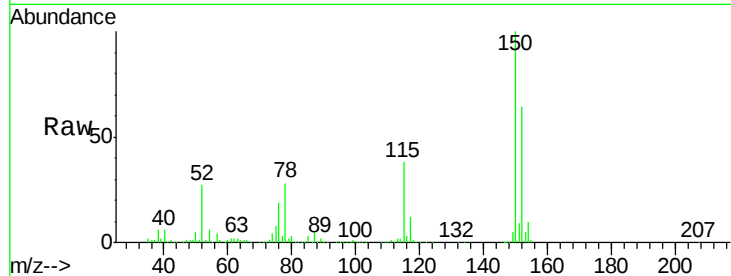
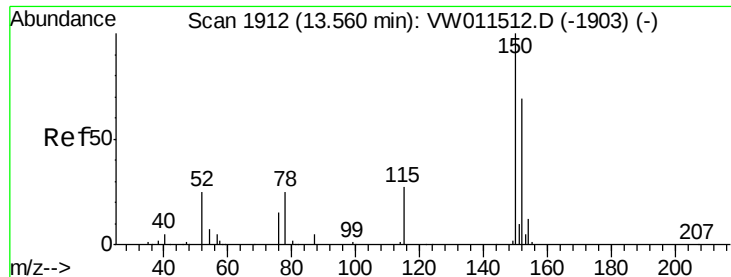
Ion Ratio Lower Upper

117 100

82 58.8 47.9 71.9

119 32.0 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: VW011793.D

Acq: 09 Aug 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

2S-11-(0)

Tot Ion:152 Resp: 133794

Ion Ratio Lower Upper

152 100

115 59.9 30.5 91.5

150 155.9 0.0 352.6

