

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011990.D
 Acq On : 19 Aug 2019 14:40
 Operator : SY/VA
 Sample : K4385-11
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-B-(0)

Quant Time: Aug 19 15:16:42 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

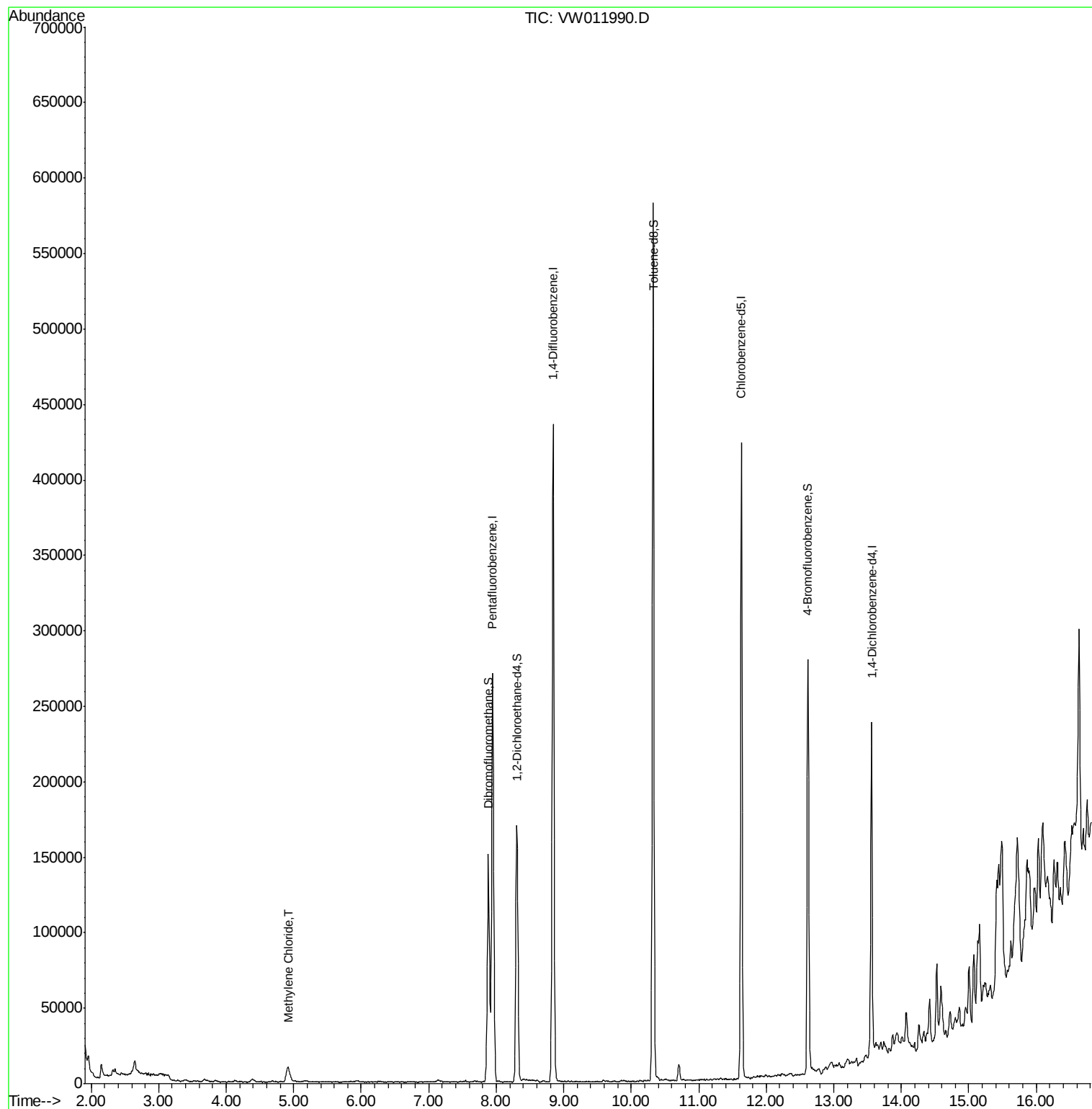
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	225418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134070	59.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.10%	
35) Dibromofluoromethane	7.88	113	106645	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
50) Toluene-d8	10.32	98	369205	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.62	95	88934	32.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.04%	
Target Compounds						
20) Methylene Chloride	4.92	84	7836	3.146	ug/l	Qvalue 99

(#) = 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

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

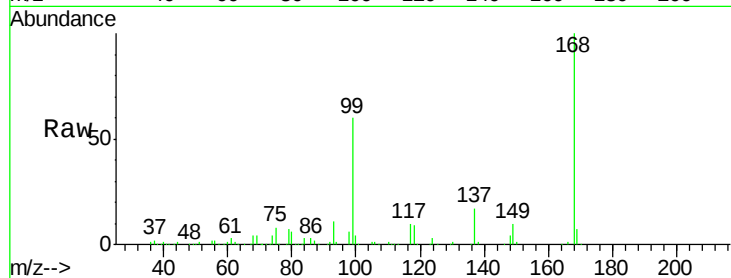
T8-B-(0)

Tot Ion:168 Resp: 197725

Ion Ratio Lower Upper

168 100

99 60.0 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

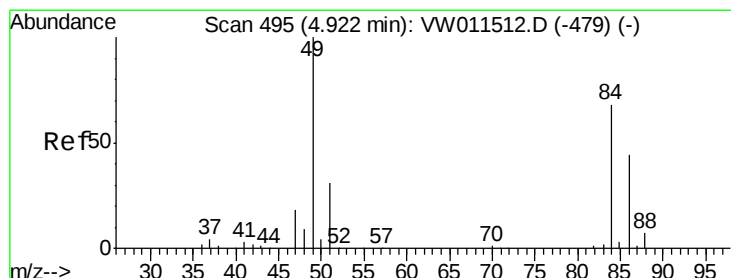
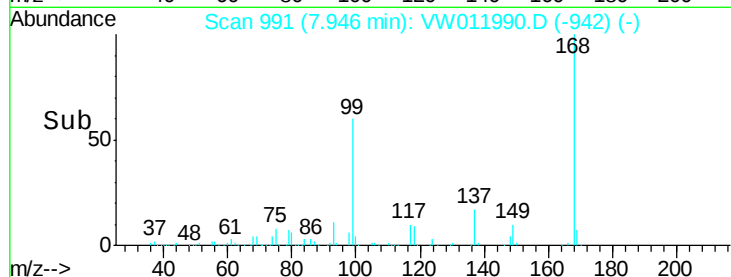
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 3.146 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

Tgt Ion: 84 Resp: 7836

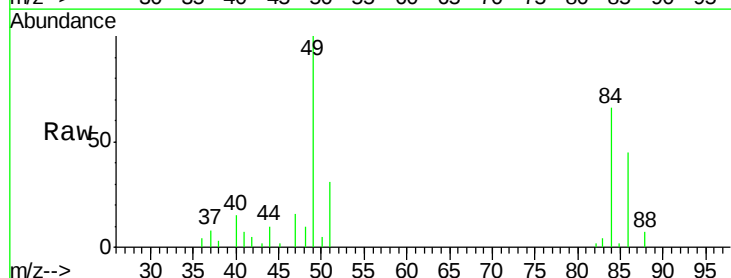
Ion Ratio Lower Upper

84 100

49 147.5 117.8 176.6

51 46.1 37.0 55.4

86 67.5 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

5000

4000

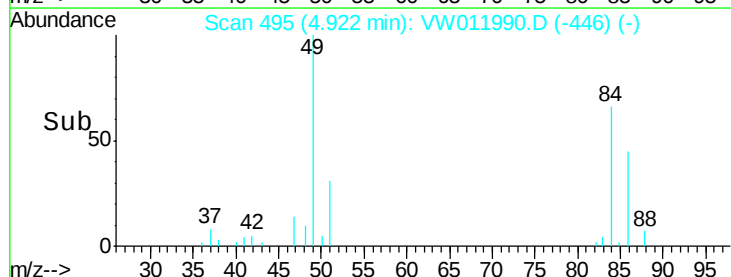
3000

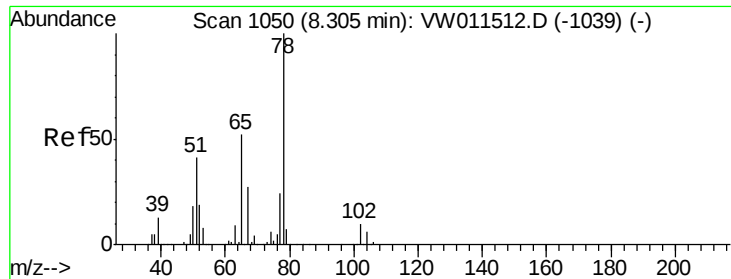
2000

1000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 59.050 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

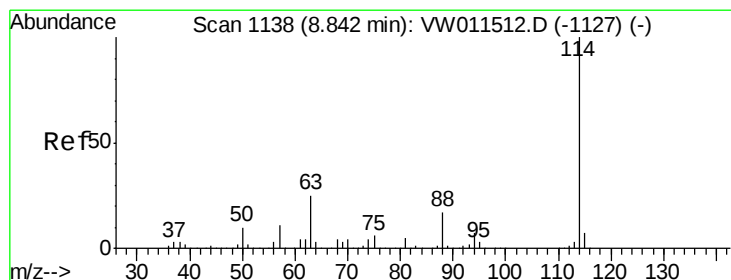
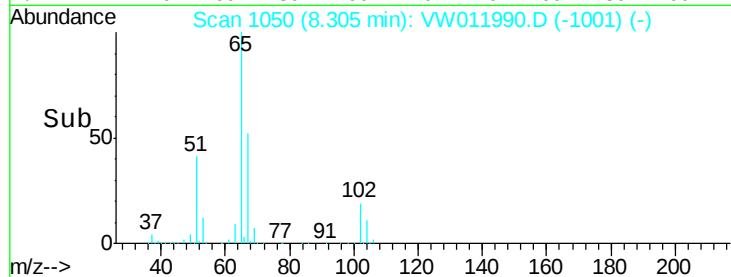
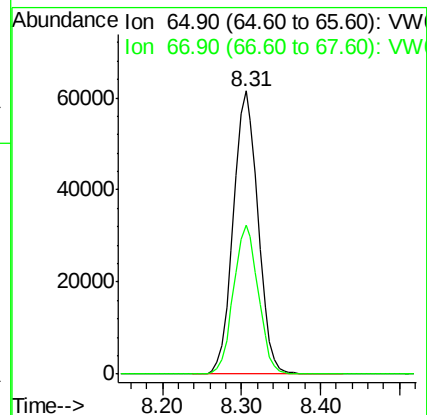
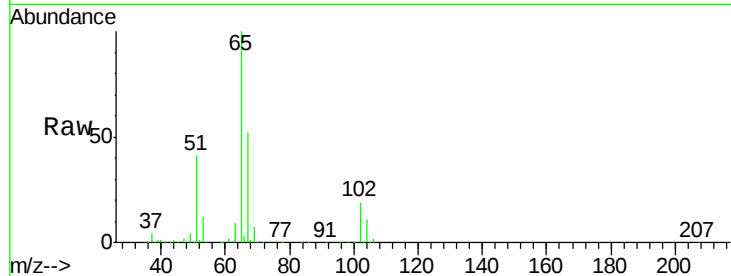
T8-B-(0)

Tot Ion: 65 Resp: 134070

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

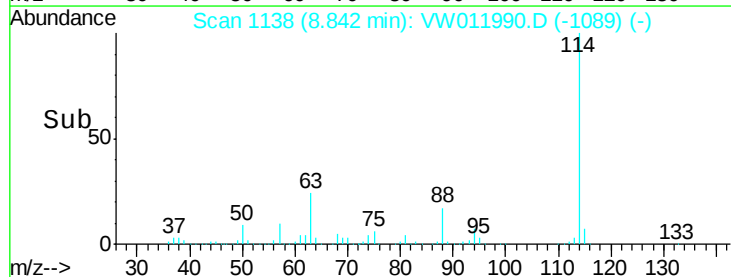
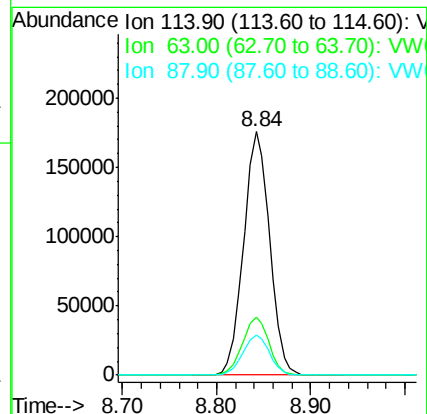
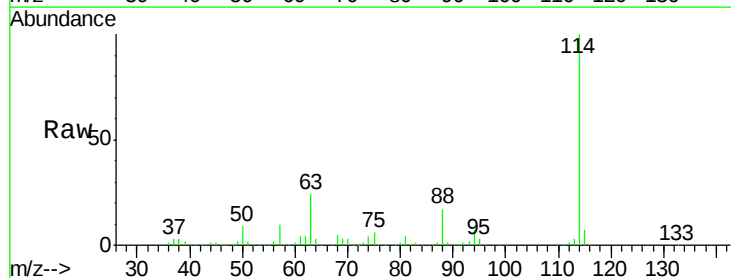
Tgt Ion: 114 Resp: 339156

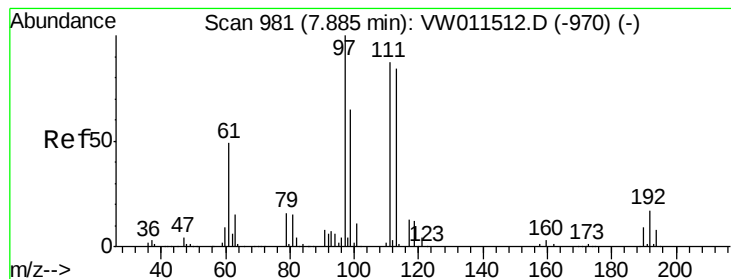
Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.2

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 56.049 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

T8-B-(0)

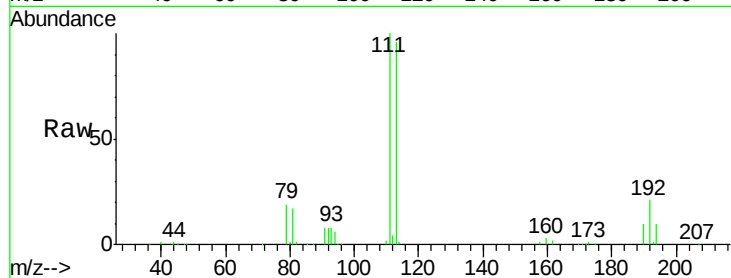
Tot Ion:113 Resp: 106645

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

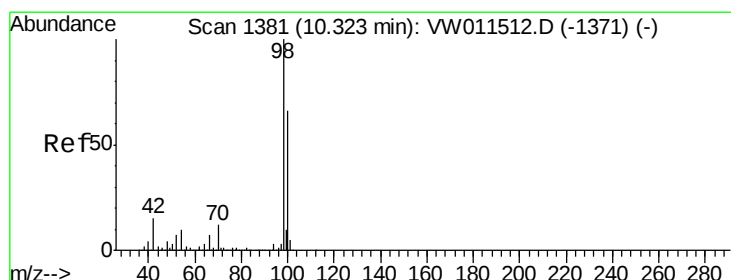
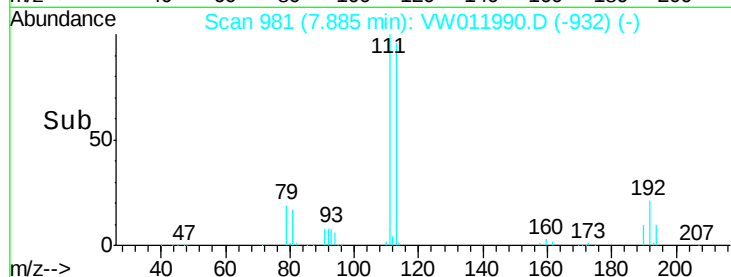
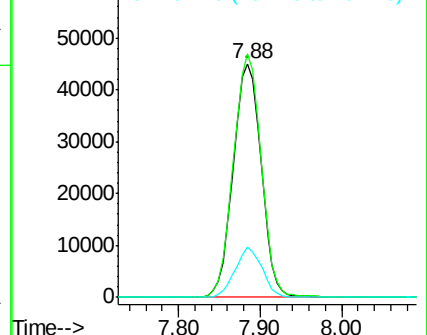
192 20.7 16.1 24.1



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: 47.393 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011990.D

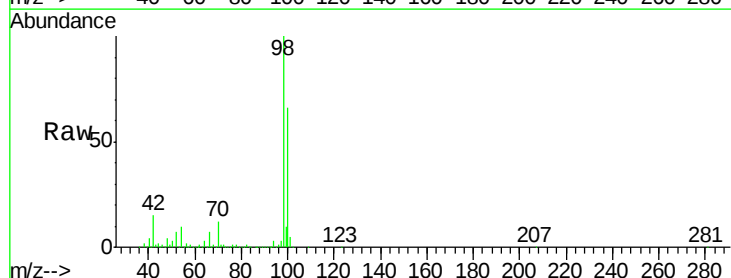
Acq: 19 Aug 2019 14:40

Tgt Ion: 98 Resp: 369205

Ion Ratio Lower Upper

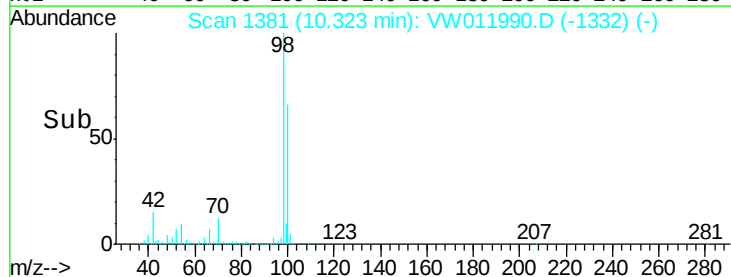
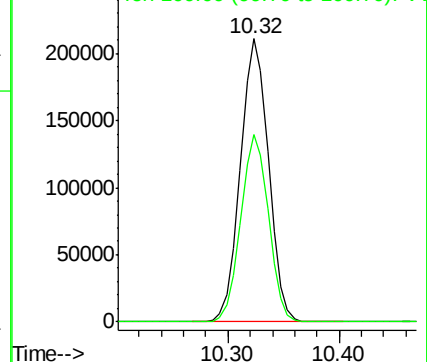
98 100

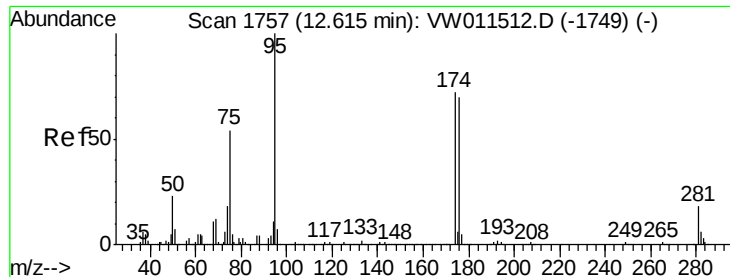
100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 32.021 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

Instrument :

MSVOA_W

ClientSampled :

T8-B-(0)

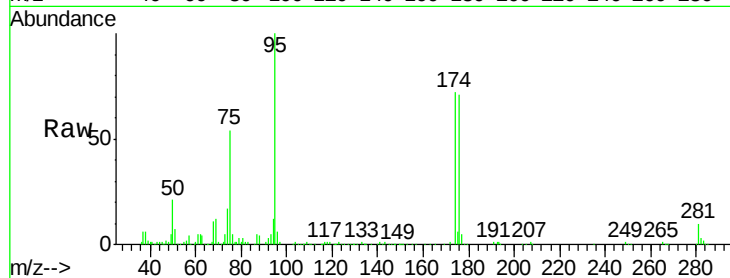
Tot Ion: 95 Resp: 88934

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.2

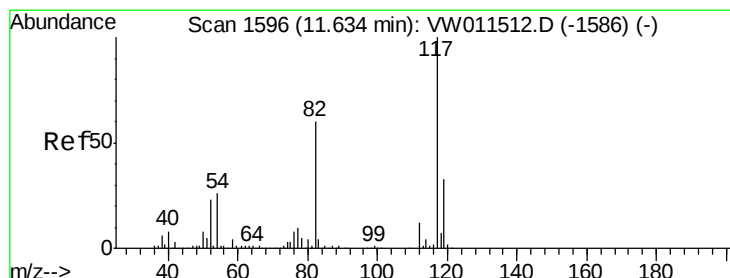
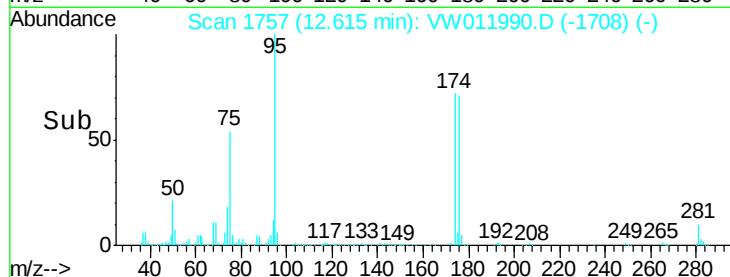
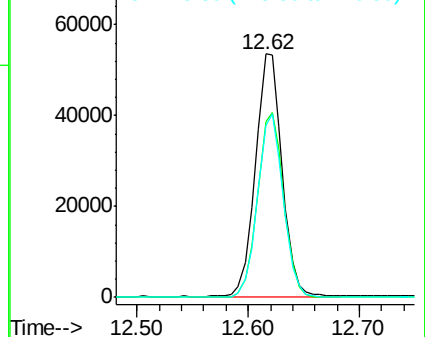
176 73.2 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

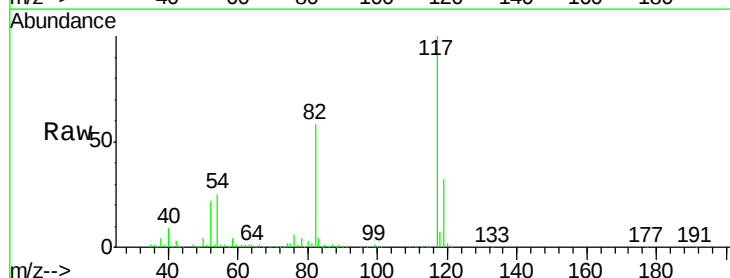
Tgt Ion: 117 Resp: 225418

Ion Ratio Lower Upper

117 100

82 58.1 47.9 71.9

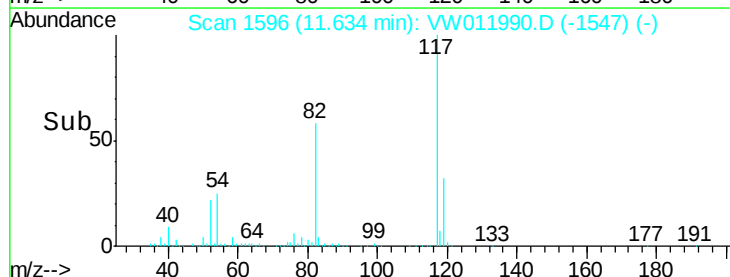
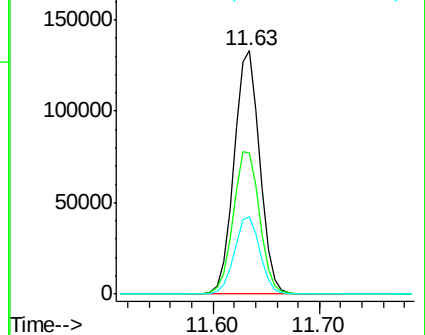
119 31.8 26.2 39.2

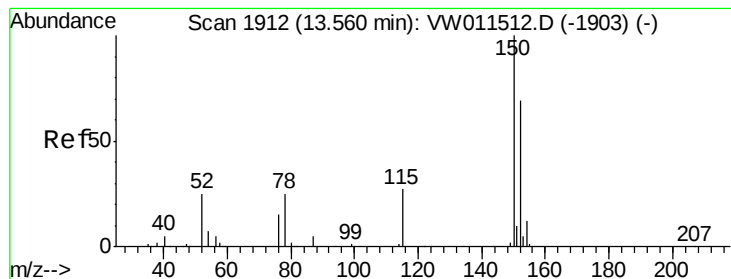


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011990.D

Acq: 19 Aug 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

T8-B-(0)

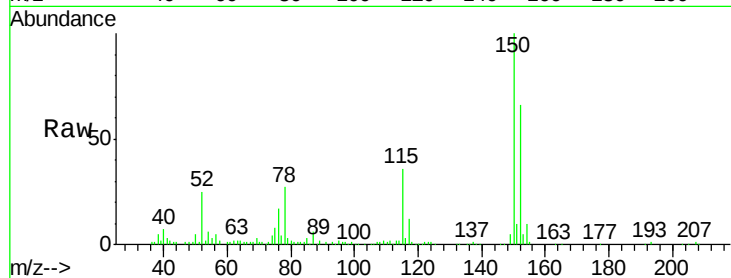
Tot Ion:152 Resp: 55036

Ion Ratio Lower Upper

152 100

115 57.6 30.5 91.5

150 155.3 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

