

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012041.D
 Acq On : 20 Aug 2019 20:30
 Operator : SY/VA
 Sample : K4387-04
 Misc : 6.46G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-C-(0)

Quant Time: Aug 21 02:06:42 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

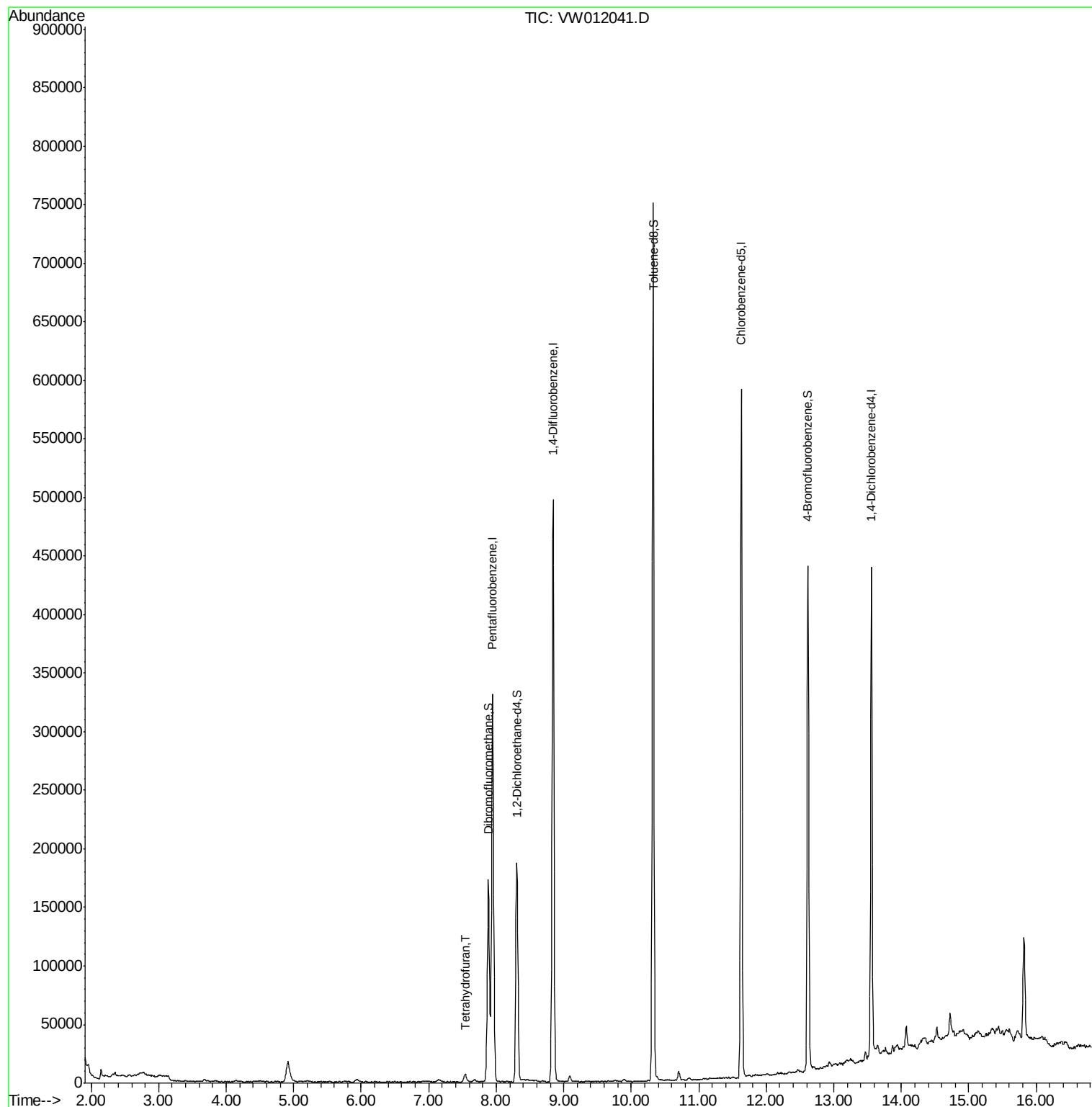
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148849	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
35) Dibromofluoromethane	7.88	113	120444	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	10.32	98	477458	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.62	95	141409	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	5934	9.018	ug/l	Qvalue 98

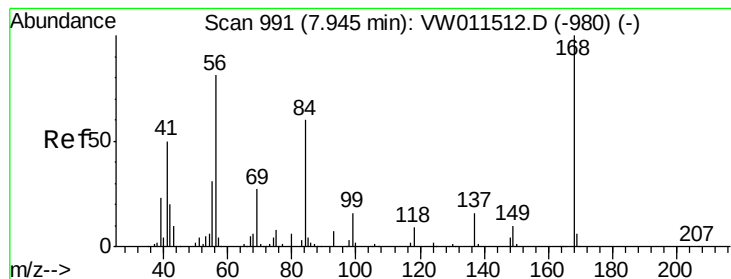
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012041.D

Acq: 20 Aug 2019 20:30

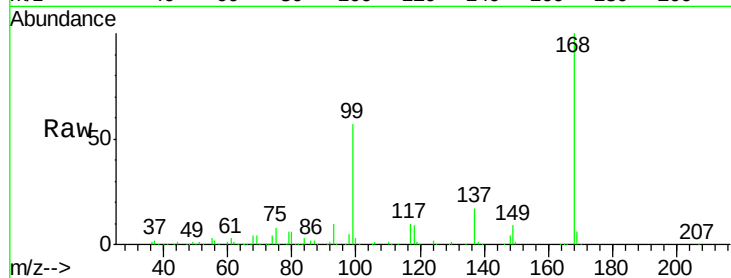
Instrument :
MSVOA_W
ClientSampleId :
T6-C-(0)

Tot Ion:168 Resp: 240847

Ion Ratio Lower Upper

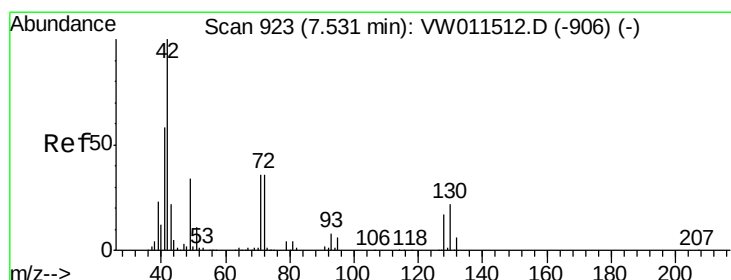
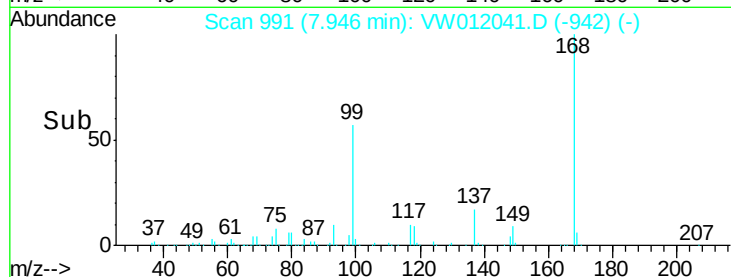
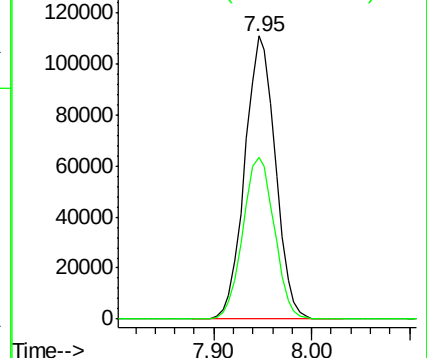
168 100

99 57.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 9.018 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW012041.D

Acq: 20 Aug 2019 20:30

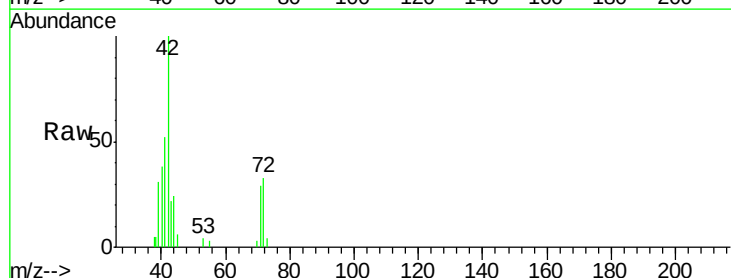
Tgt Ion: 42 Resp: 5934

Ion Ratio Lower Upper

42 100

72 35.5 27.1 40.7

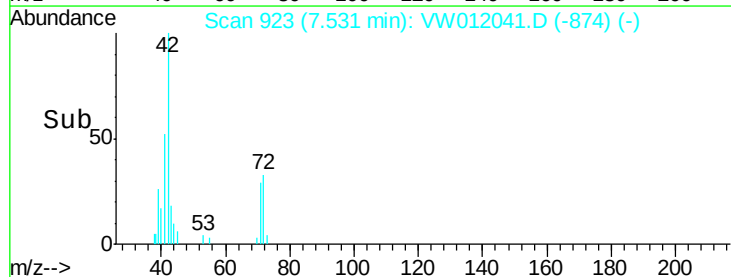
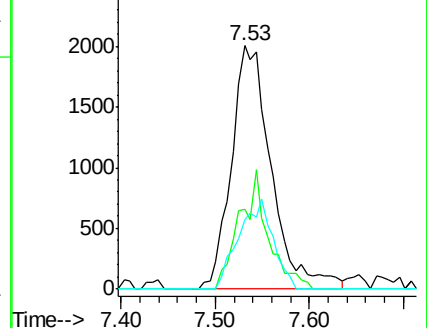
71 31.7 26.2 39.4

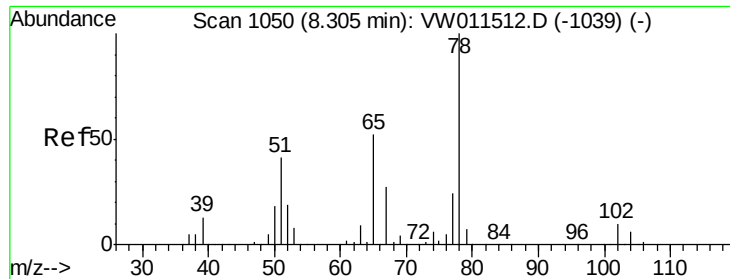


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.822 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012041.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

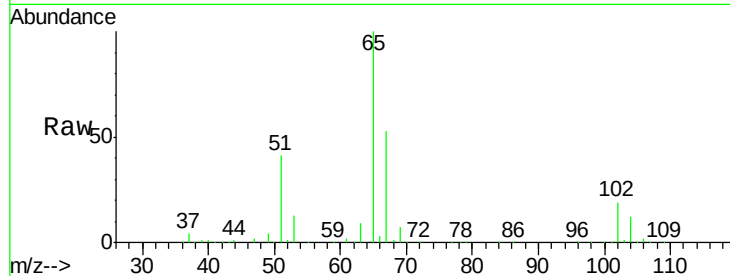
T6-C-(0)

Tot Ion: 65 Resp: 148849

Ion Ratio Lower Upper

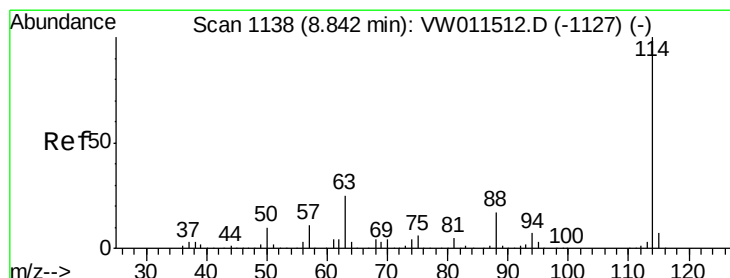
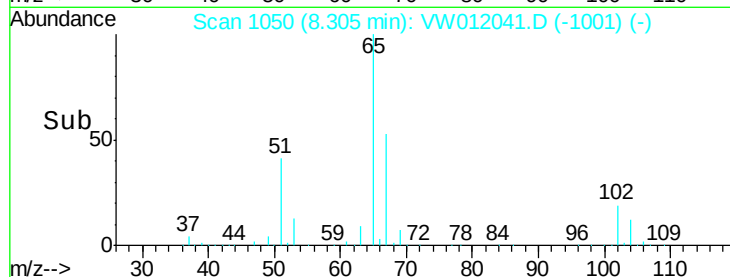
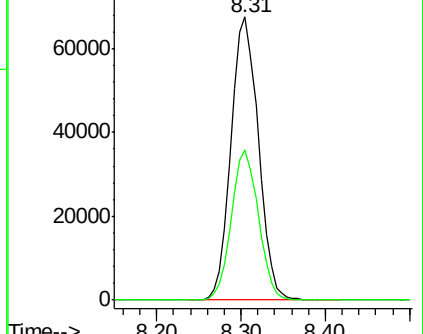
65 100

67 52.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012041.D

Acq: 20 Aug 2019 20:30

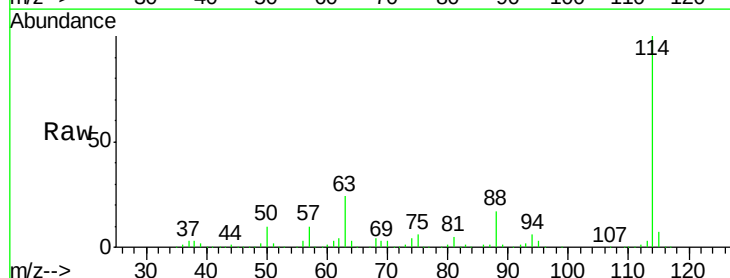
Tgt Ion: 114 Resp: 396332

Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

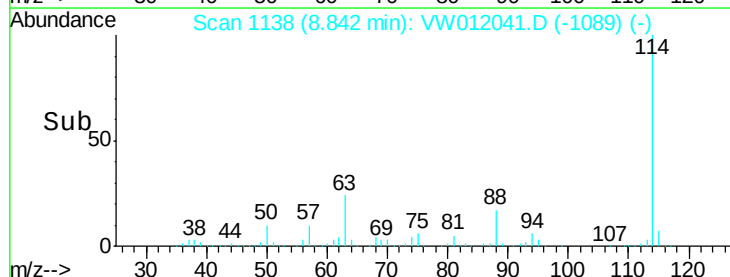
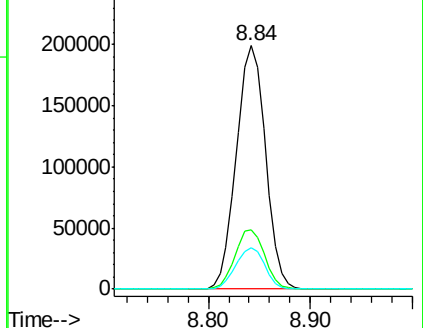
88 17.2 0.0 33.8

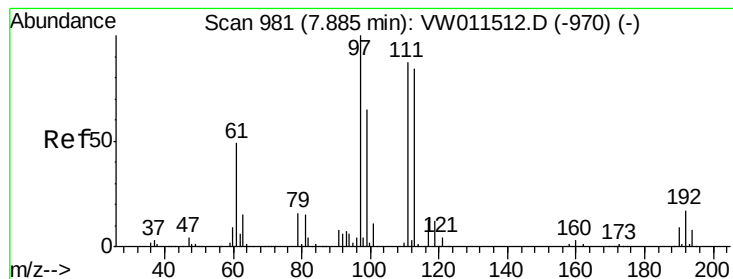


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 54.169 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012041.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

T6-C-(0)

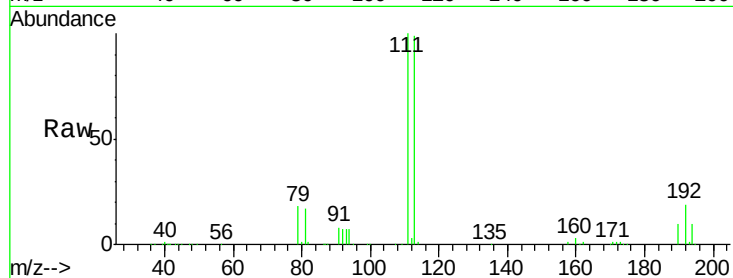
Tot Ion:113 Resp: 120444

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

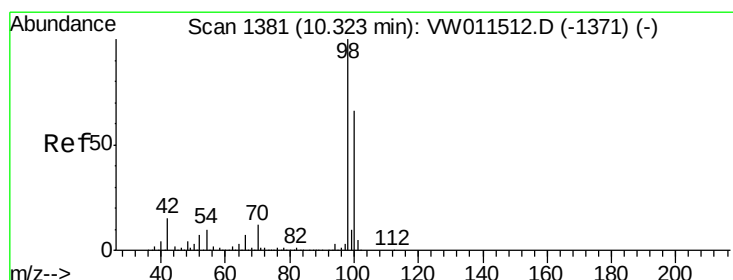
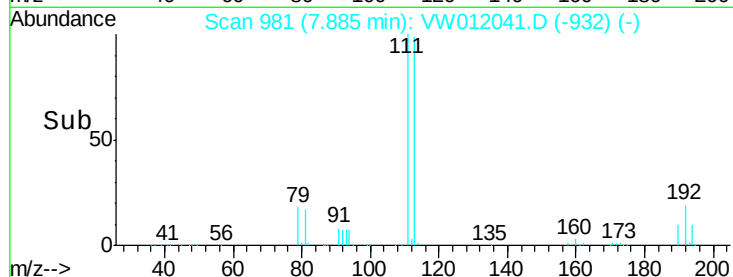
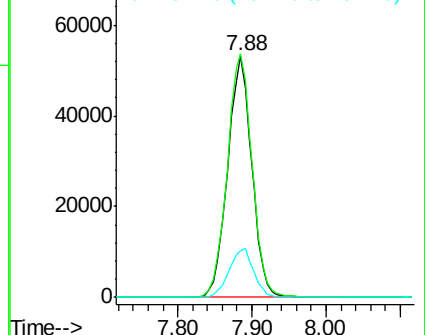
192 20.6 16.1 24.1



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: 52.447 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012041.D

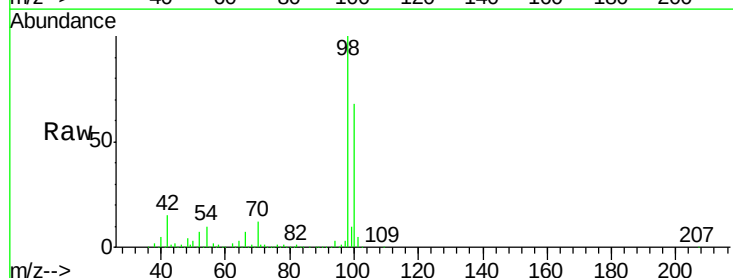
Acq: 20 Aug 2019 20:30

Tgt Ion: 98 Resp: 477458

Ion Ratio Lower Upper

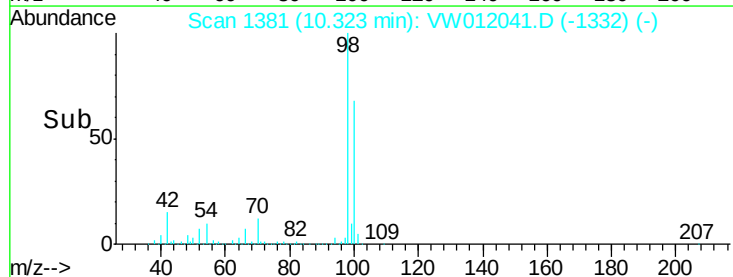
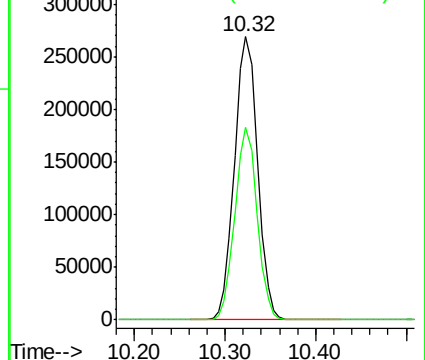
98 100

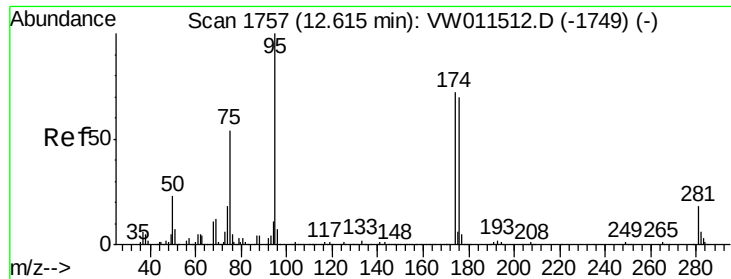
100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.569 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012041.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_W

ClientSampled :

T6-C-(0)

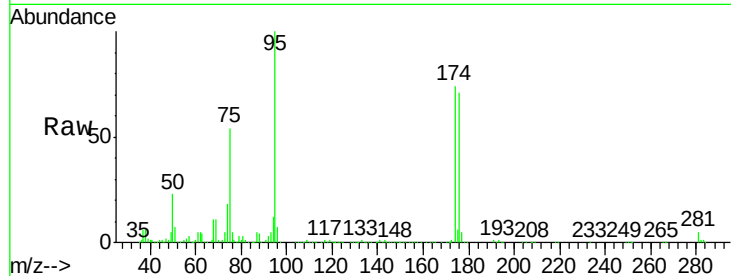
Tot Ion: 95 Resp: 141409

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

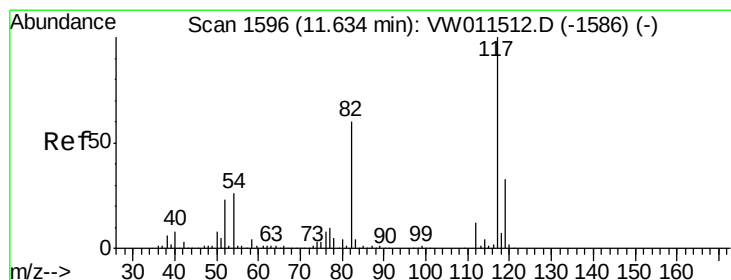
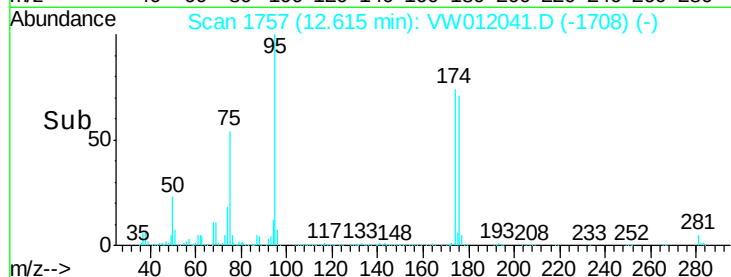
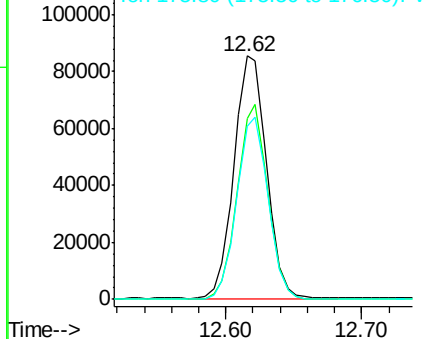
176 73.0 0.0 144.4



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: VW012041.D

Acq: 20 Aug 2019 20:30

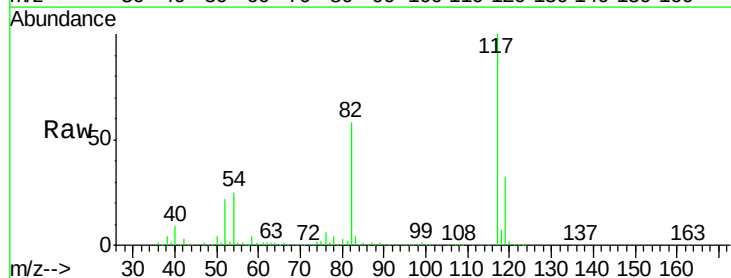
Tgt Ion: 117 Resp: 314713

Ion Ratio Lower Upper

117 100

82 58.1 47.9 71.9

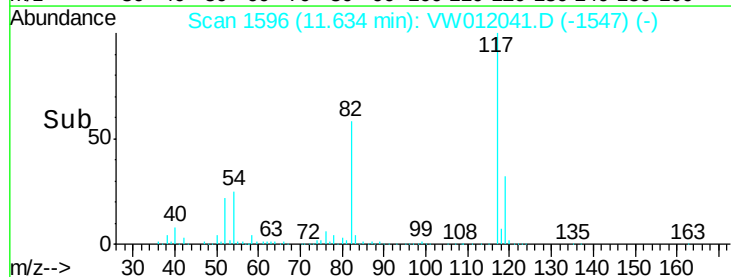
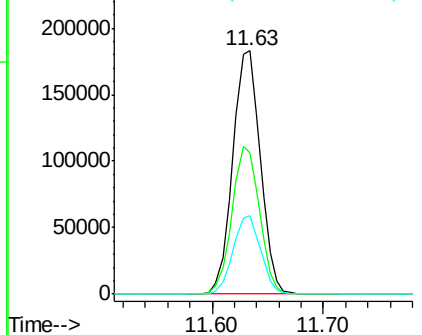
119 32.1 26.2 39.2

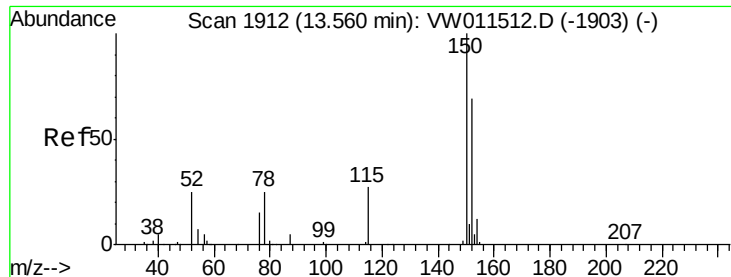


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012041.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_W

ClientSampleId :

T6-C-(0)

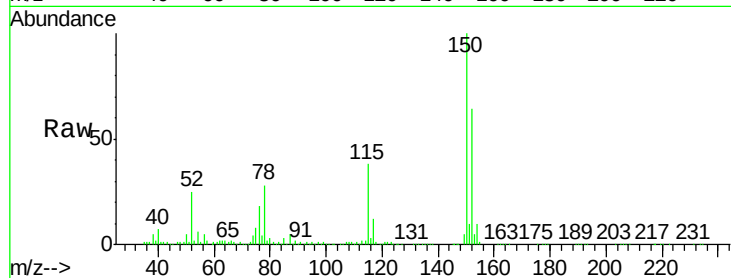
Tot Ion:152 Resp: 106207

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 155.8 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

