

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012049.D
 Acq On : 20 Aug 2019 23:57
 Operator : SY/VA
 Sample : K4387-14
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A1-(2)

Quant Time: Aug 21 02:22:50 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

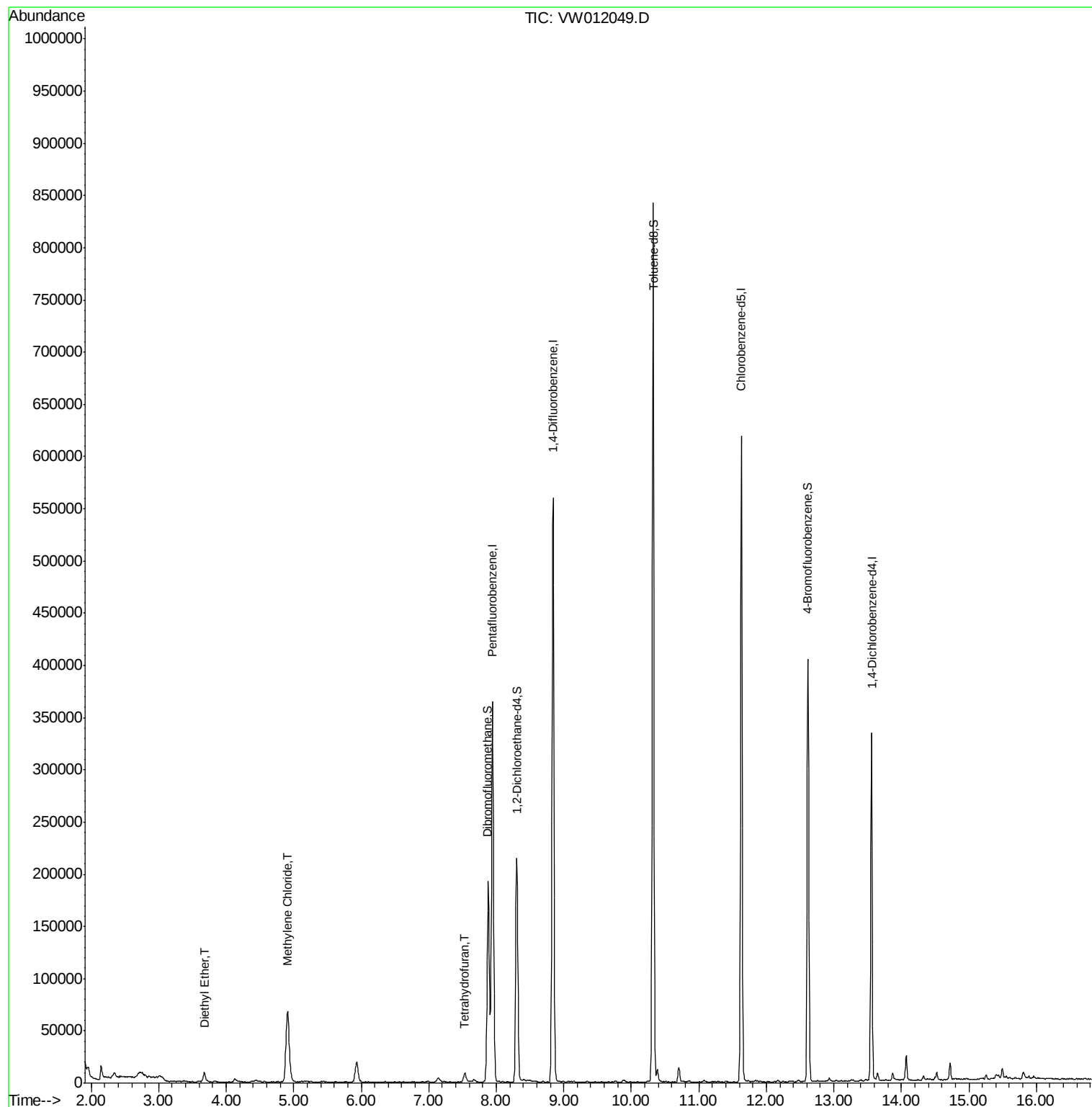
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	447077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	171296	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	7.88	113	138074	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
50) Toluene-d8	10.32	98	528445	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.62	95	130972	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.54%	
Target Compounds						
8) Diethyl Ether	3.68	74	4474	2.849	ug/l	90
20) Methylene Chloride	4.92	84	50859	15.157	ug/l	96
29) Tetrahydrofuran	7.53	42	7777	10.686	ug/l	98

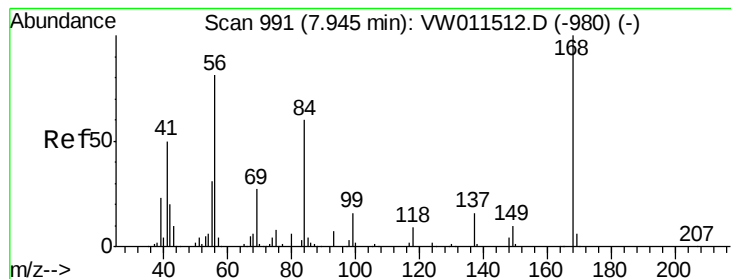
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW012049.D

Acq: 20 Aug 2019 23:57

Instrument :

MSVOA_W

ClientSampleId :

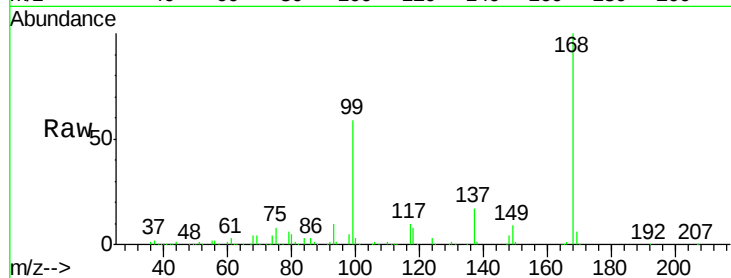
T4-A1-(2)

Tot Ion:168 Resp: 266371

Ion Ratio Lower Upper

168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

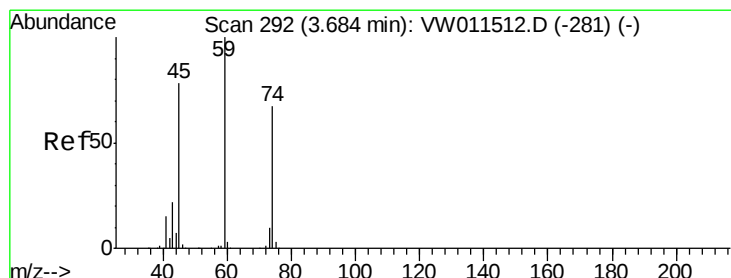
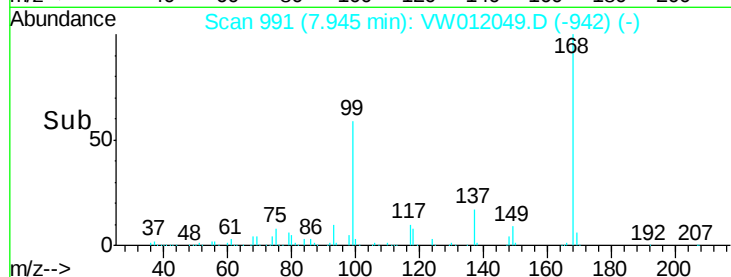
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.849 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012049.D

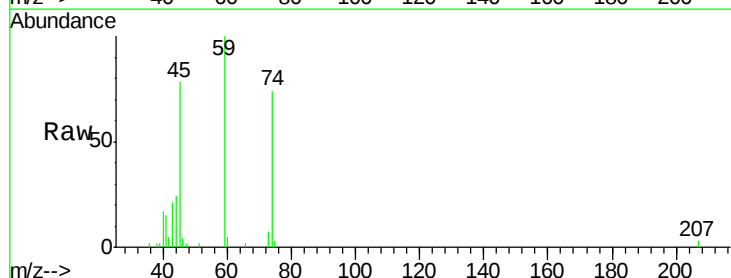
Acq: 20 Aug 2019 23:57

Tgt Ion: 74 Resp: 4474

Ion Ratio Lower Upper

74 100

45 129.8 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2500

2000

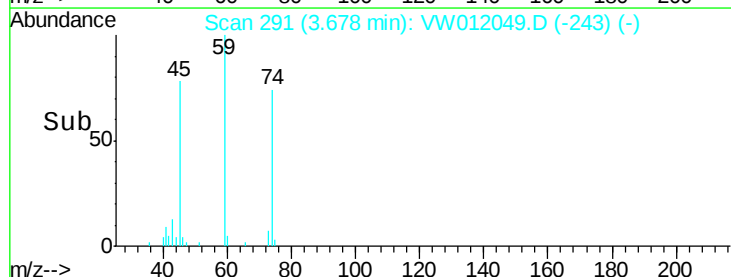
1500

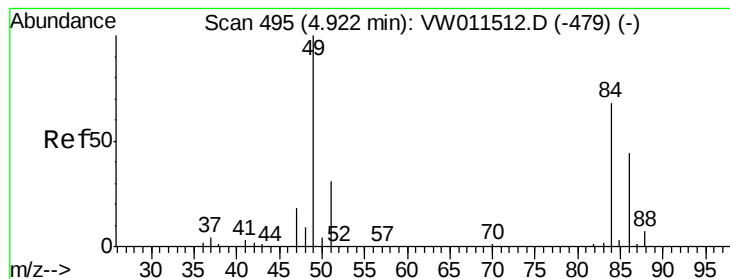
1000

500

0

Time-->





#20

Methvlene Chloride

Concen: 15.157 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012049.D

Acq: 20 Aug 2019 23:57

Instrument :

MSVOA_W

ClientSampleId :

T4-A1-(2)

Tot Ion: 84 Resp: 50859

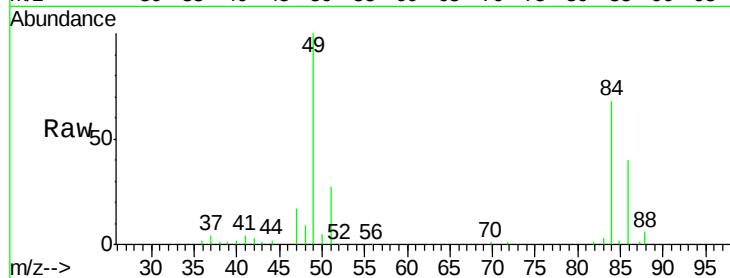
Ion Ratio Lower Upper

84 100

49 147.7 117.8 176.6

51 40.5 37.0 55.4

86 59.1 51.8 77.8

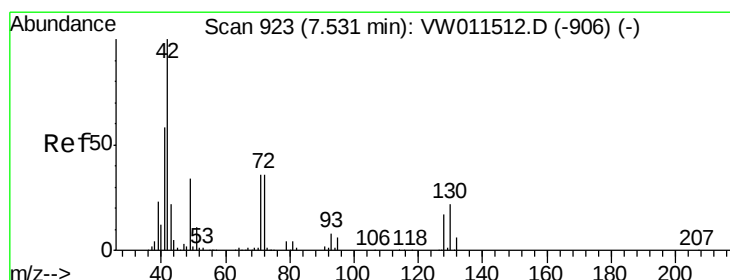
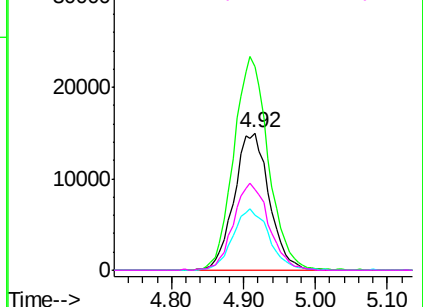
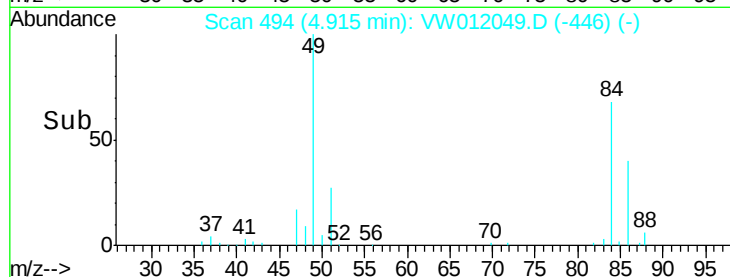


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 10.686 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012049.D

Acq: 20 Aug 2019 23:57

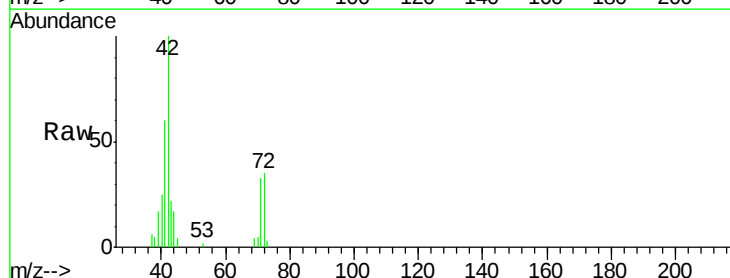
Tgt Ion: 42 Resp: 7777

Ion Ratio Lower Upper

42 100

72 35.9 27.1 40.7

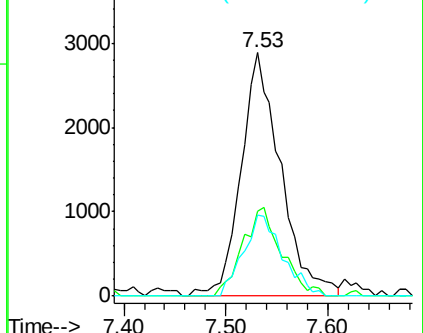
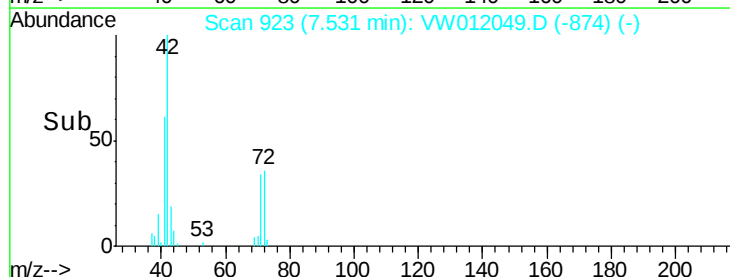
71 33.1 26.2 39.4

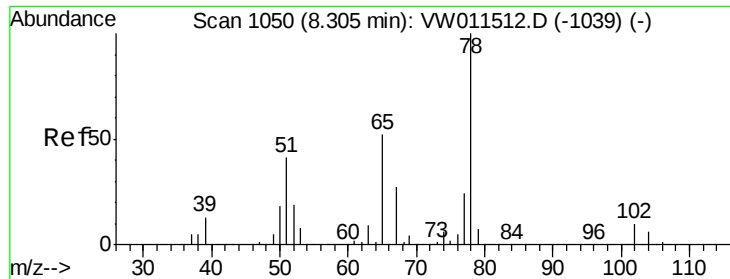


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 56.003 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012049.D

Acq: 20 Aug 2019 23:57

Instrument :

MSVOA_W

ClientSampled :

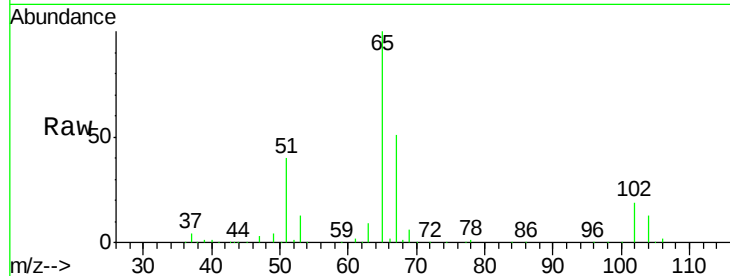
T4-A1-(2)

Tot Ion: 65 Resp: 171296

Ion Ratio Lower Upper

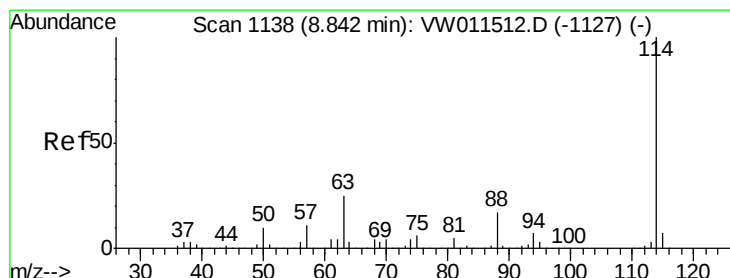
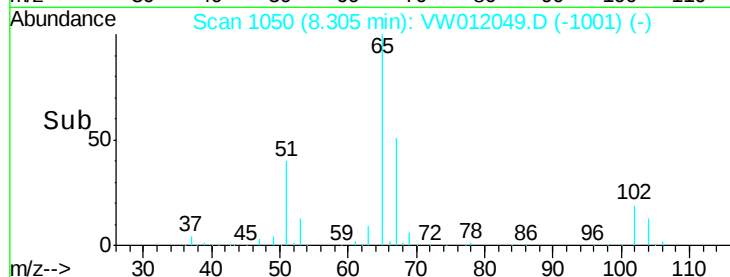
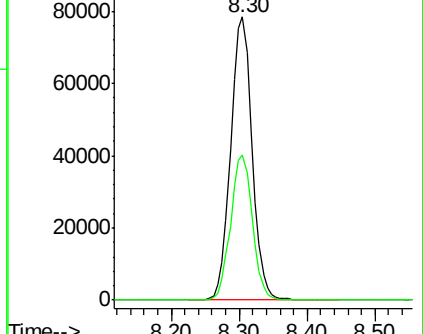
65 100

67 52.1 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: VW012049.D

Acq: 20 Aug 2019 23:57

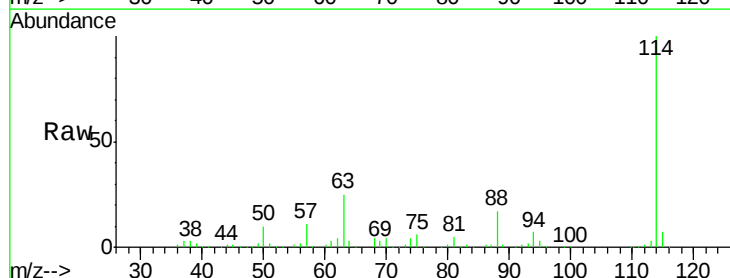
Tgt Ion: 114 Resp: 447077

Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

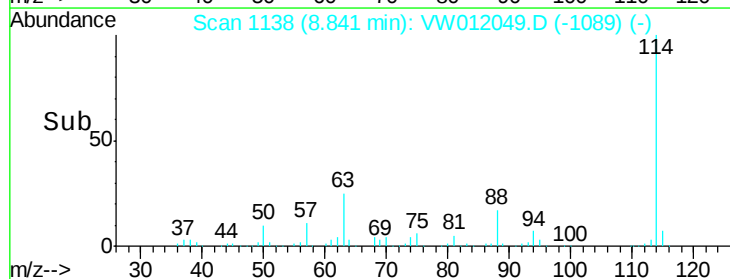
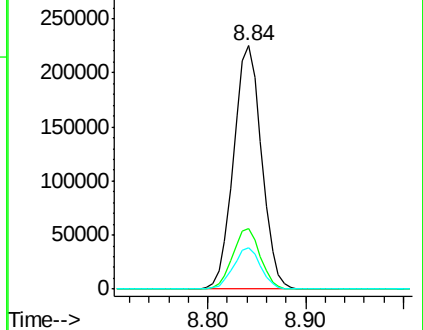
88 16.9 0.0 33.8

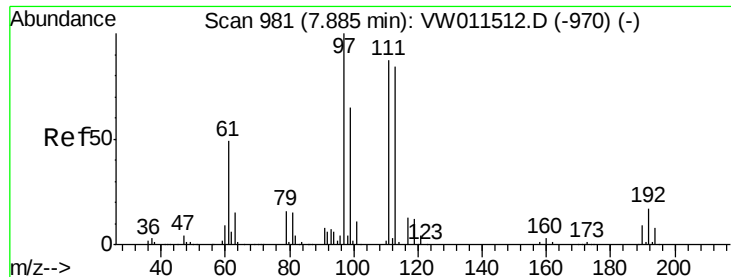


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

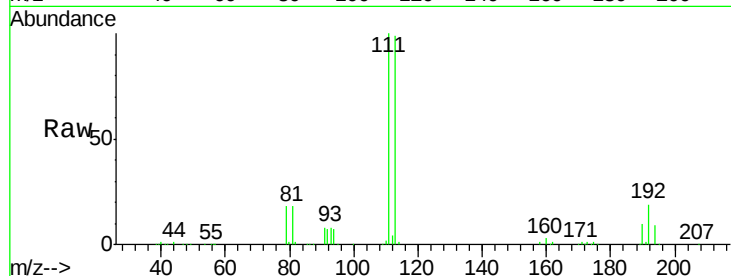




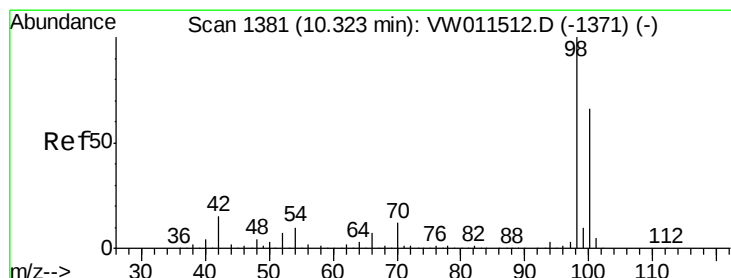
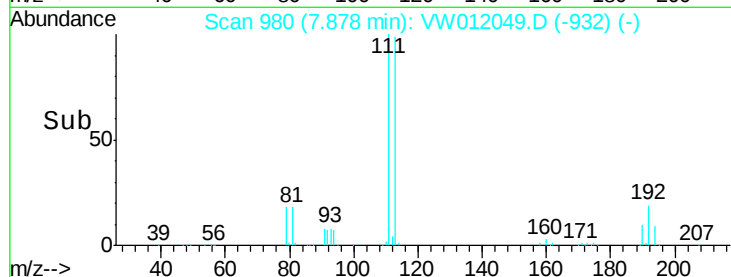
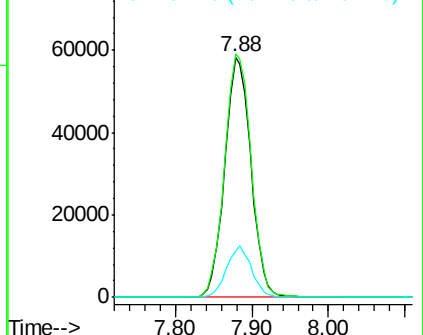
#35
Dibromofluoromethane
Concen: 55.049 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012049.D
Acq: 20 Aug 2019 23:57

Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(2)

Tot Ion:113 Resp: 138074
Ion Ratio Lower Upper
113 100
111 103.3 82.7 124.1
192 20.3 16.1 24.1

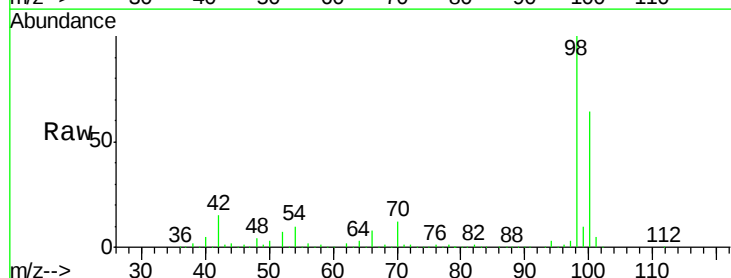


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

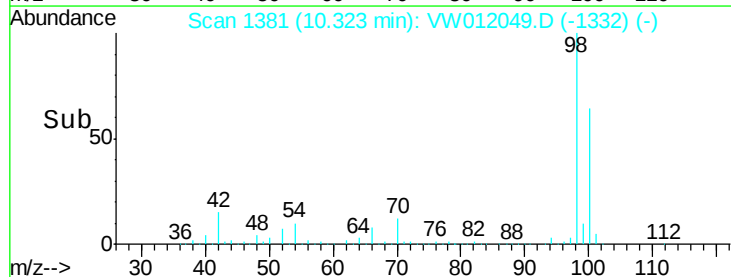
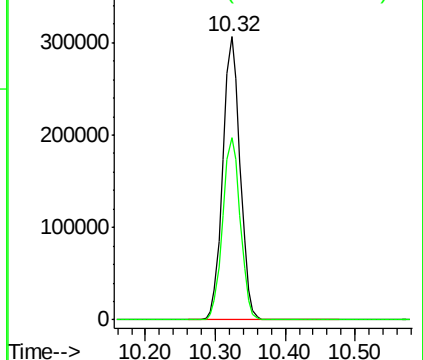


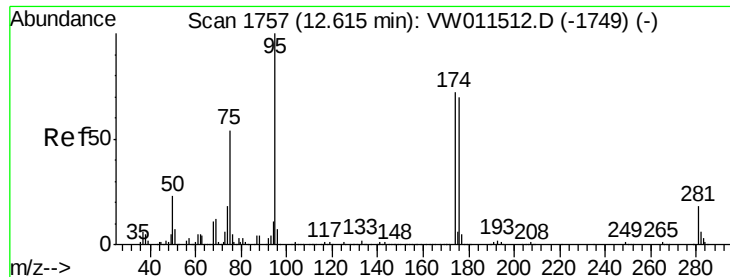
#50
Toluene-d8
Concen: 51.459 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012049.D
Acq: 20 Aug 2019 23:57

Tgt Ion: 98 Resp: 528445
Ion Ratio Lower Upper
98 100
100 65.5 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: 35.773 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012049.D

Acq: 20 Aug 2019 23:57

Instrument :

MSVOA_W

ClientSampleId :

T4-A1-(2)

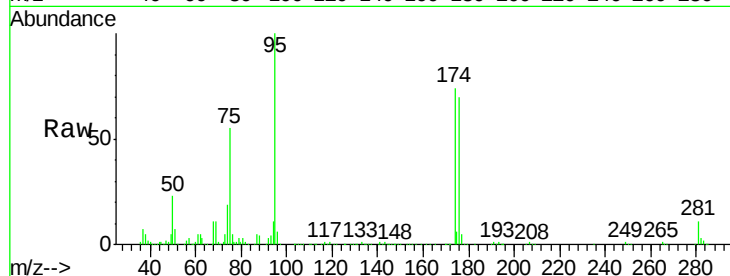
Tot Ion: 95 Resp: 130972

Ion Ratio Lower Upper

95 100

174 77.9 0.0 150.2

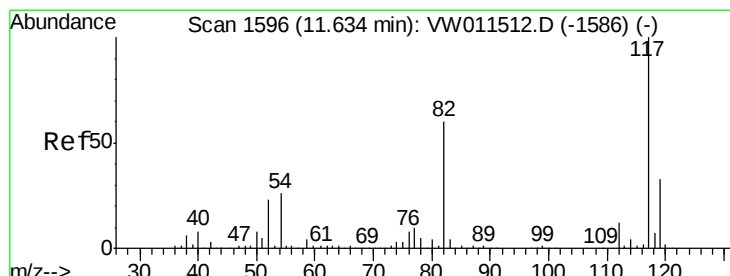
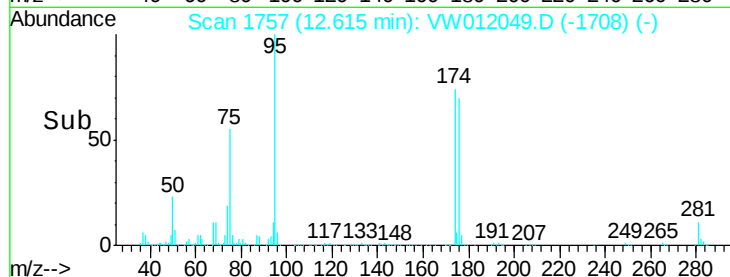
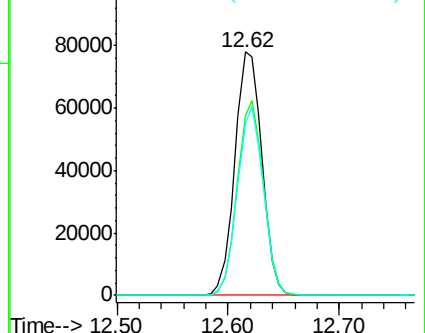
176 74.9 0.0 144.4



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: VW012049.D

Acq: 20 Aug 2019 23:57

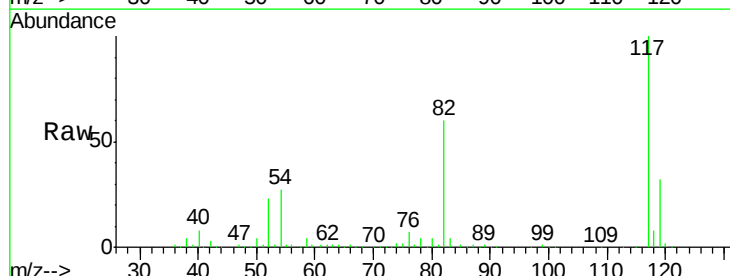
Tgt Ion: 117 Resp: 329254

Ion Ratio Lower Upper

117 100

82 60.4 47.9 71.9

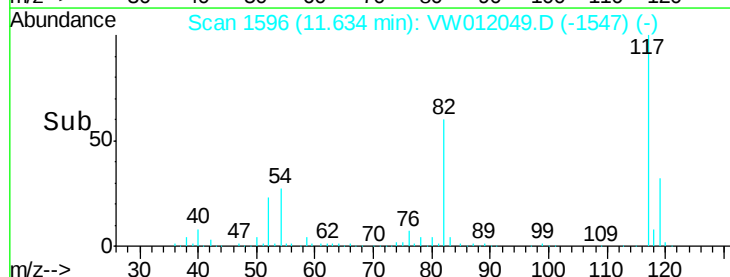
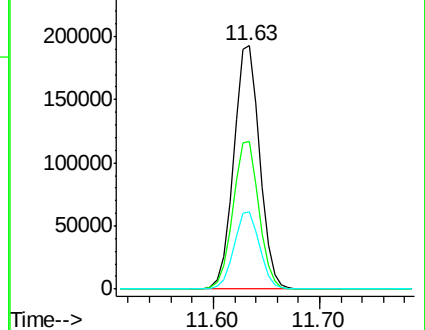
119 32.0 26.2 39.2

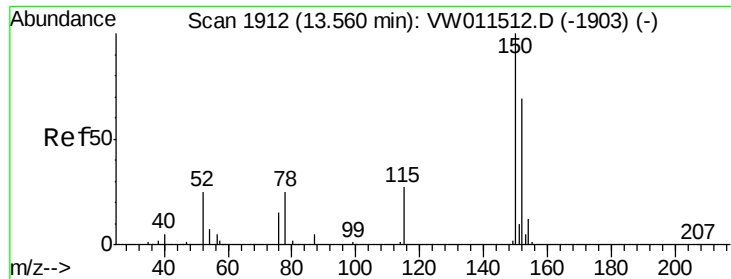


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012049.D

Acq: 20 Aug 2019 23:57

Instrument :

MSVOA_W

ClientSampleId :

T4-A1-(2)

Tot Ion:152 Resp: 82681

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

150 157.5 0.0 352.6

