

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012447.D
 Acq On : 01 Sep 2019 14:48
 Operator : SY/VA
 Sample : K4517-09
 Misc : 4.85G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D2-(2.5)

Quant Time: Sep 02 07:49:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

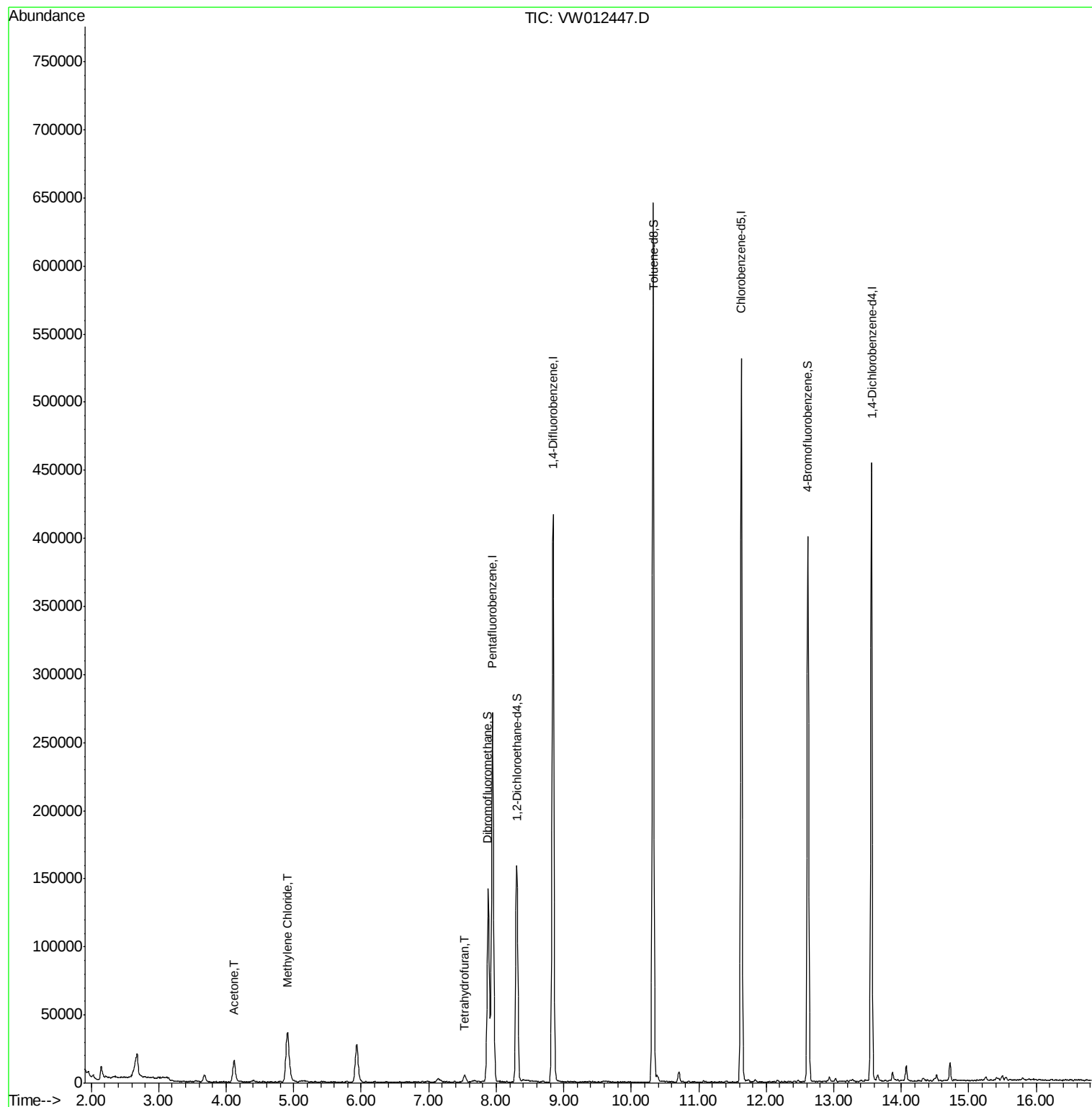
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131210	56.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.80%	
35) Dibromofluoromethane	7.88	113	100475	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.32	98	397274	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.62	95	125139	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
16) Acetone	4.12	43	29327	49.751	ug/l	95
20) Methylene Chloride	4.92	84	27535	12.356	ug/l	92
29) Tetrahydrofuran	7.53	42	4326	9.001	ug/l	96

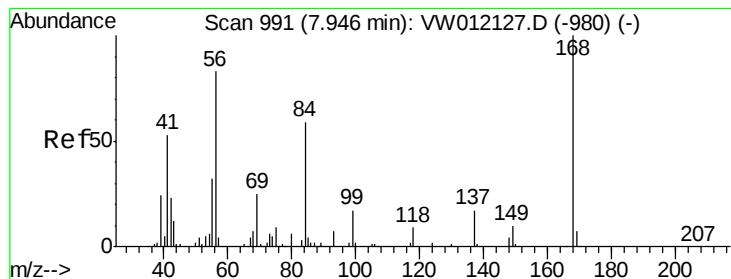
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
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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: VW012447.D

Acq: 01 Sep 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

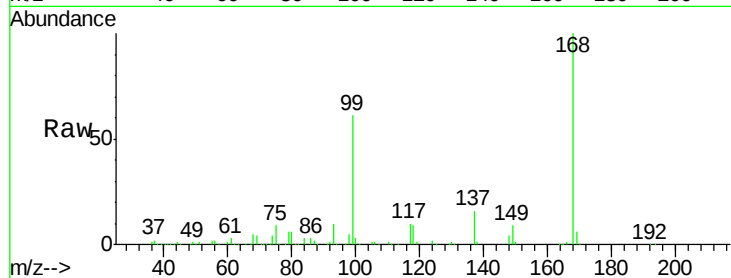
T4-S-D2-(2.5)

Tot Ion:168 Resp: 193990

Ion Ratio Lower Upper

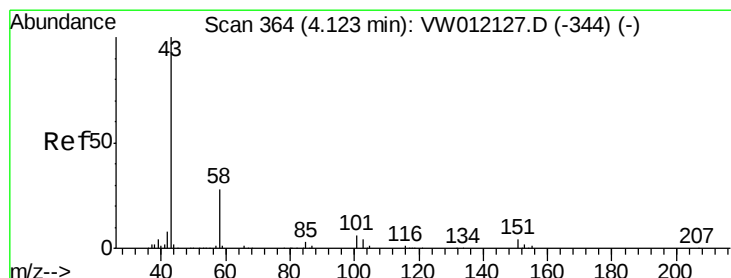
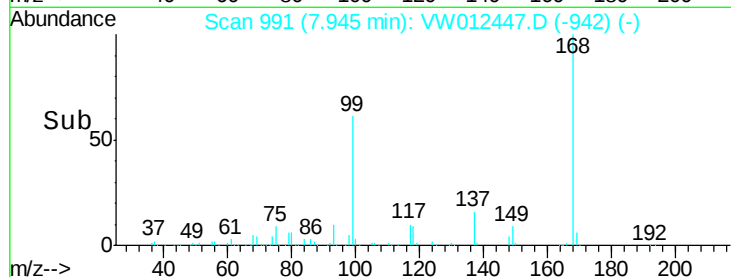
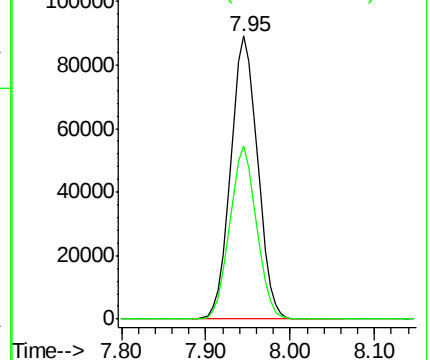
168 100

99 61.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 49.751 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012447.D

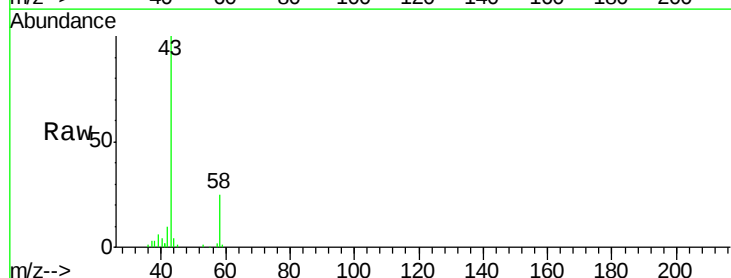
Acq: 01 Sep 2019 14:48

Tgt Ion: 43 Resp: 29327

Ion Ratio Lower Upper

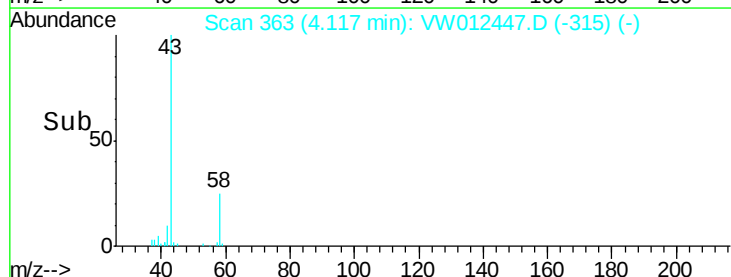
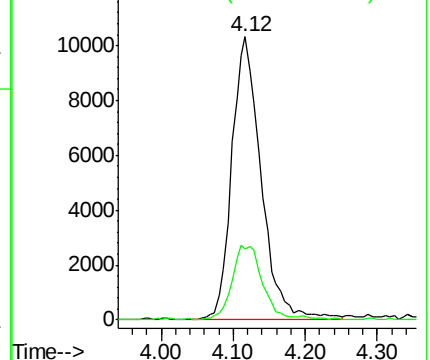
43 100

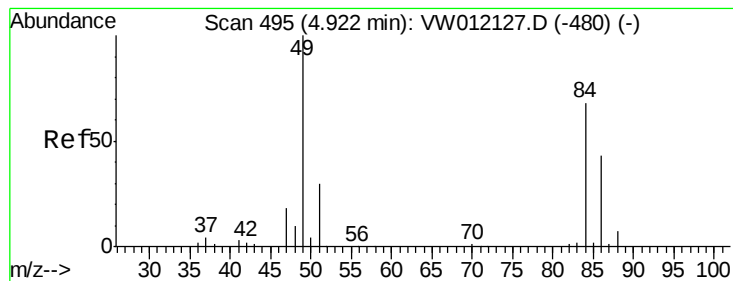
58 25.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 12.356 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012447.D

Acq: 01 Sep 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

T4-S-D2-(2.5)

Tot Ion: 84 Resp: 27535

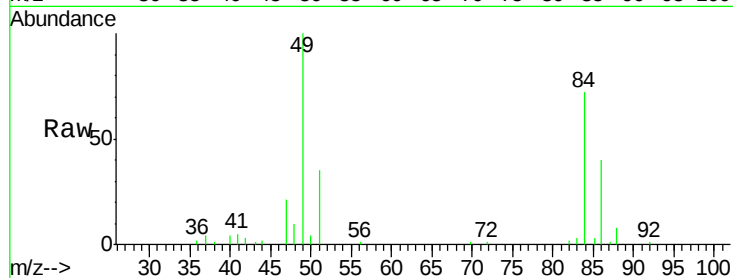
Ion Ratio Lower Upper

84 100

49 138.4 117.8 176.8

51 48.0 35.6 53.4

86 55.2 51.2 76.8

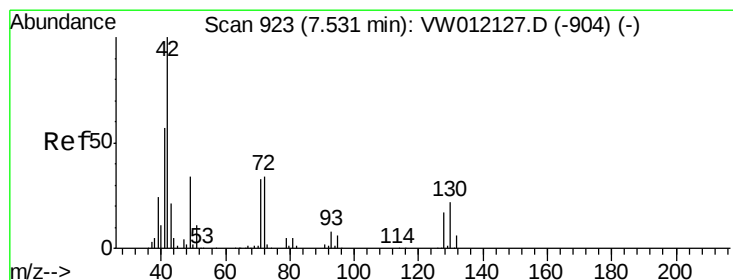
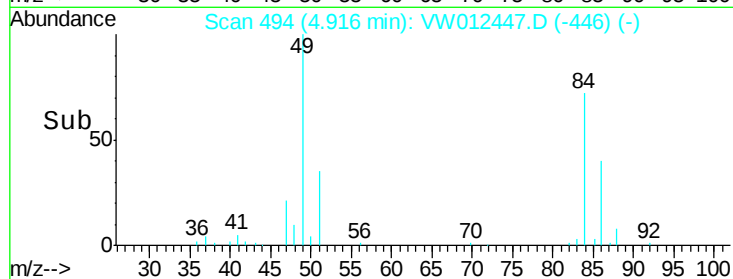
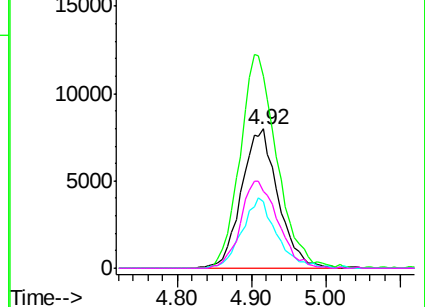


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 9.001 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012447.D

Acq: 01 Sep 2019 14:48

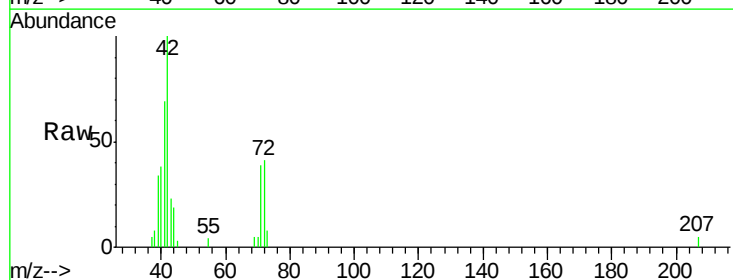
Tgt Ion: 42 Resp: 4326

Ion Ratio Lower Upper

42 100

72 36.0 27.3 40.9

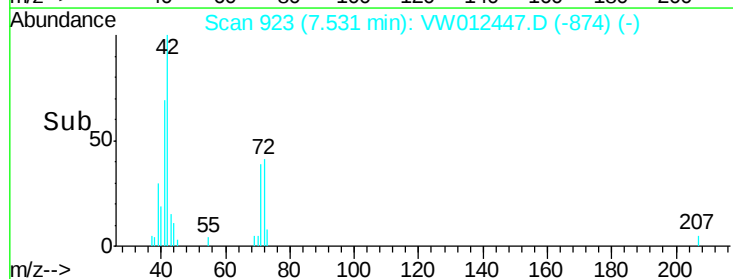
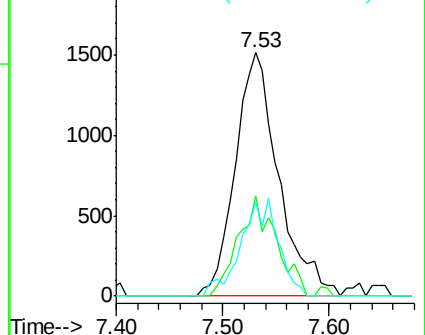
71 34.3 25.5 38.3

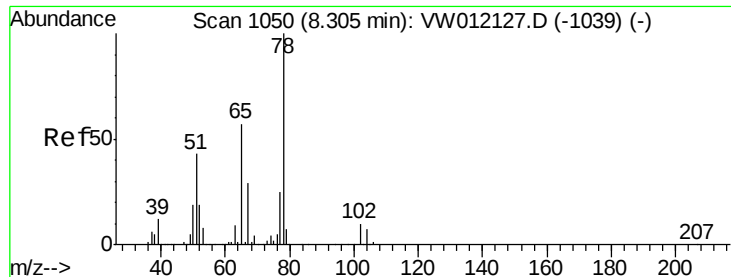


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 56.898 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012447.D

Acq: 01 Sep 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

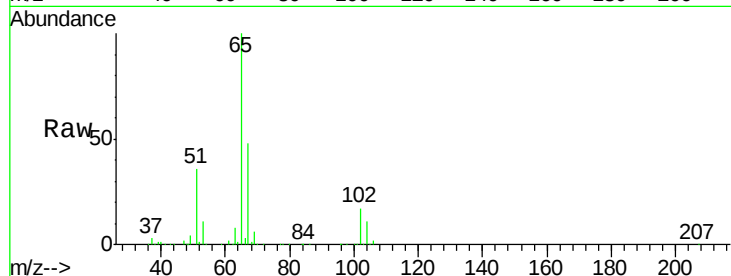
T4-S-D2-(2.5)

Tot Ion: 65 Resp: 131210

Ion Ratio Lower Upper

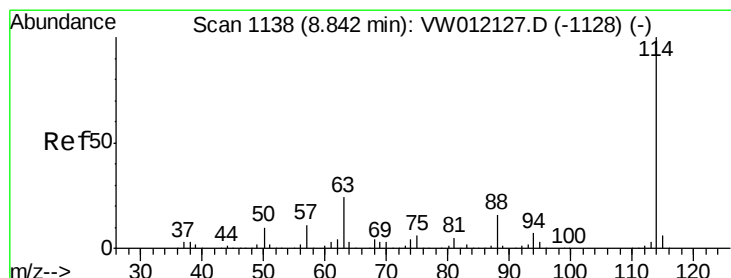
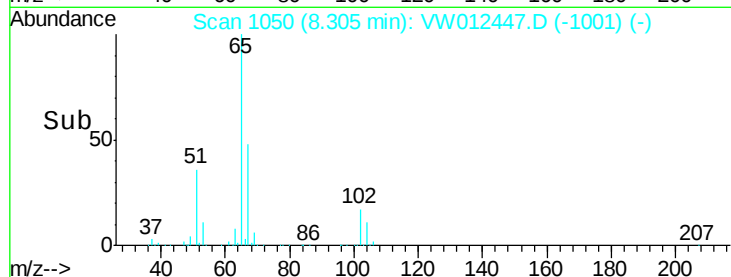
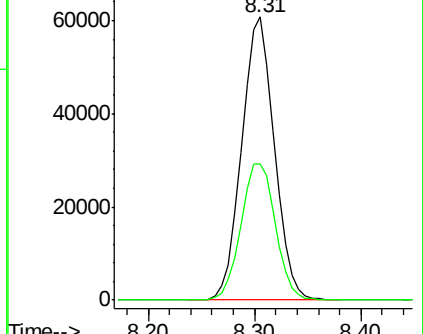
65 100

67 50.9 0.0 102.6



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: VW012447.D

Acq: 01 Sep 2019 14:48

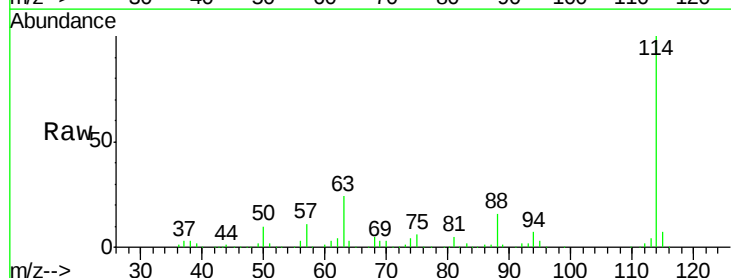
Tgt Ion: 114 Resp: 323141

Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

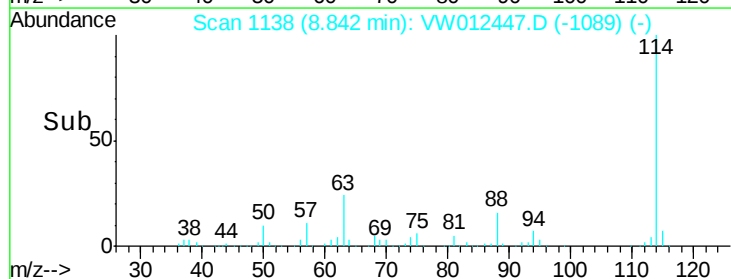
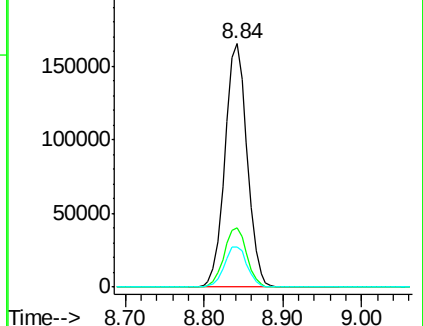
88 16.3 0.0 32.2

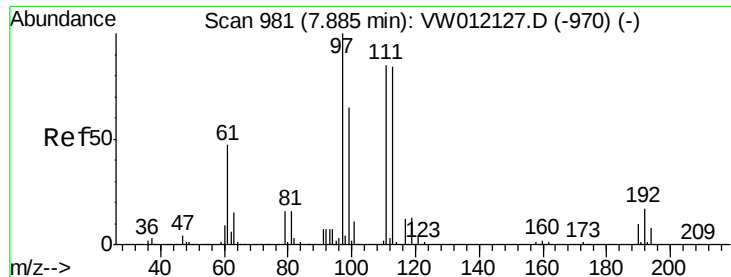


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

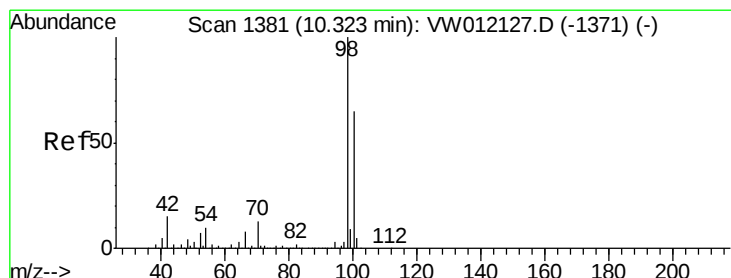
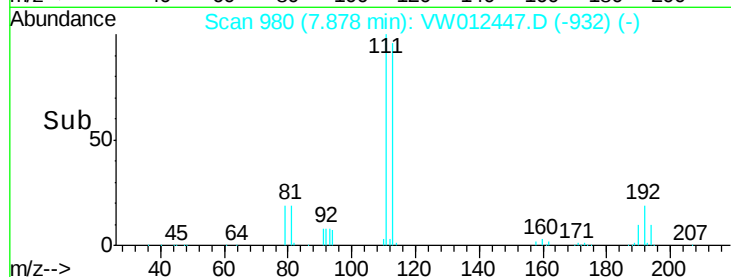
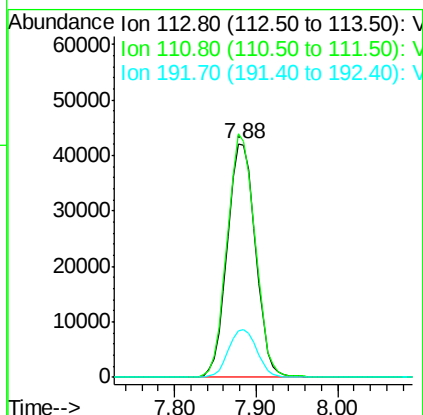
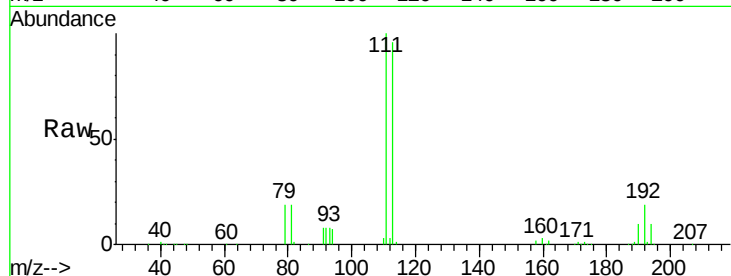




#35
 Dibromofluoromethane
 Concen: 52.091 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012447.D
 Acq: 01 Sep 2019 14:48

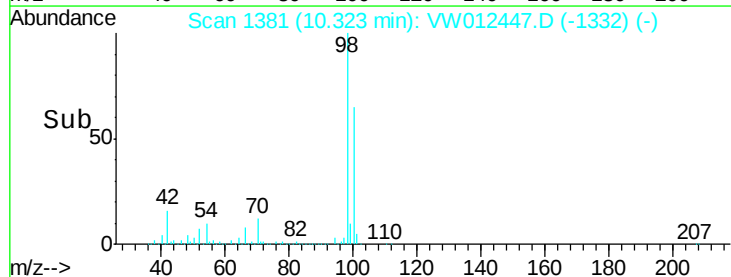
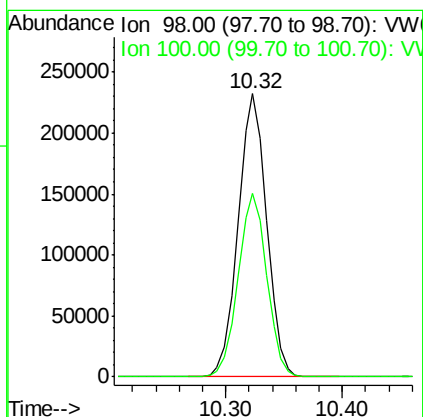
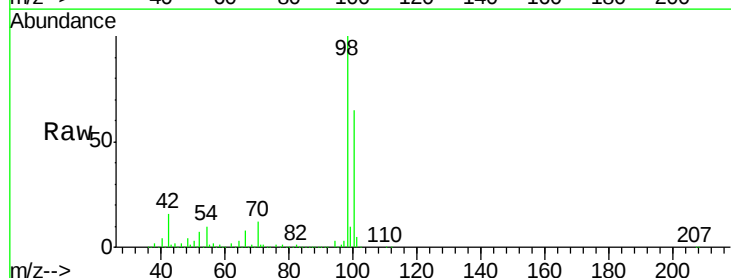
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D2-(2.5)

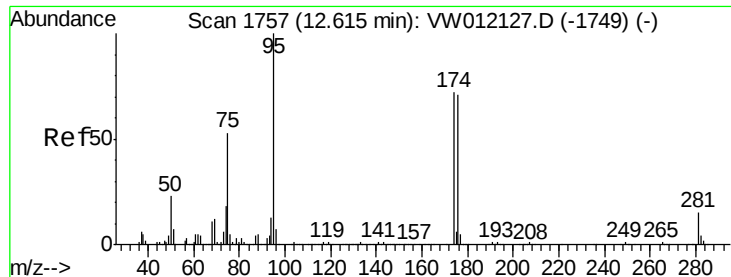
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.9	16.2	24.2



#50
 Toluene-d8
 Concen: 50.797 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012447.D
 Acq: 01 Sep 2019 14:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 45.392 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012447.D

Acq: 01 Sep 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

T4-S-D2-(2.5)

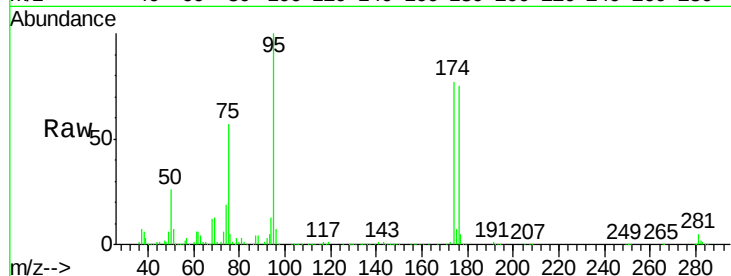
Tot Ion: 95 Resp: 125139

Ion Ratio Lower Upper

95 100

174 79.7 0.0 150.8

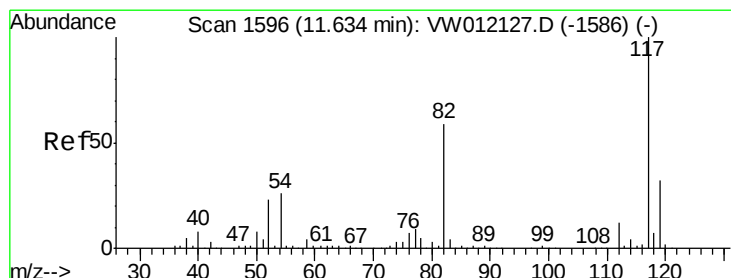
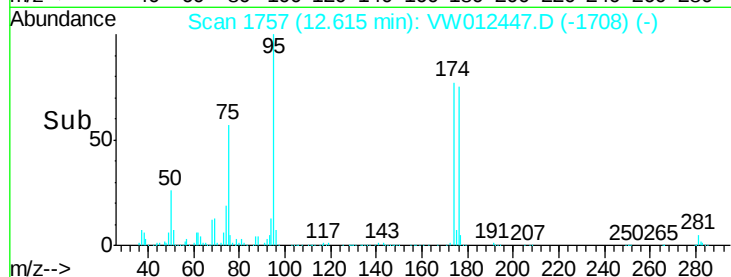
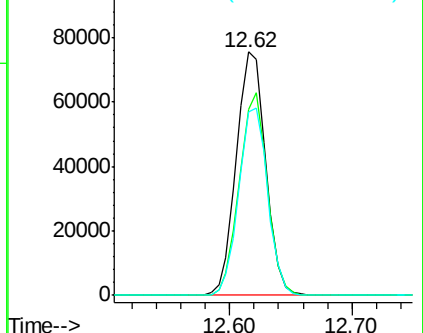
176 76.1 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012447.D

Acq: 01 Sep 2019 14:48

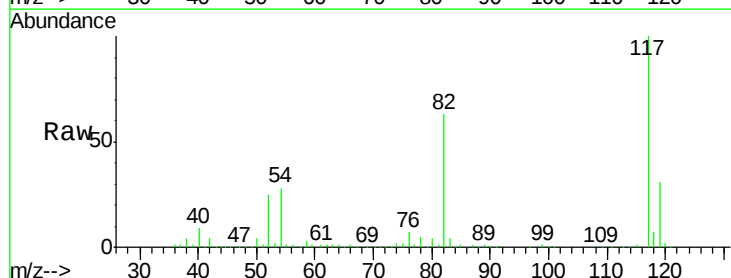
Tgt Ion: 117 Resp: 272954

Ion Ratio Lower Upper

117 100

82 62.7 47.4 71.2

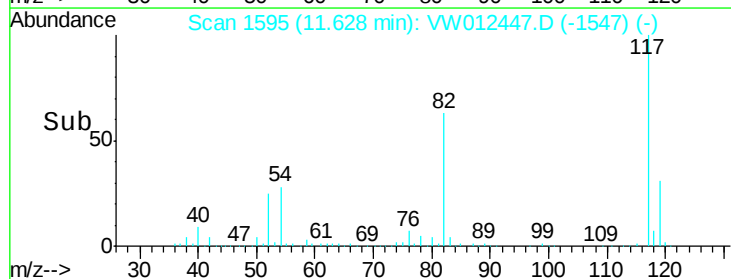
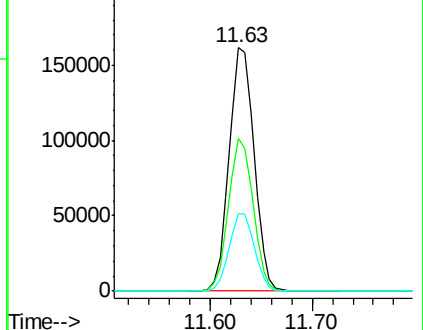
119 31.5 25.4 38.2

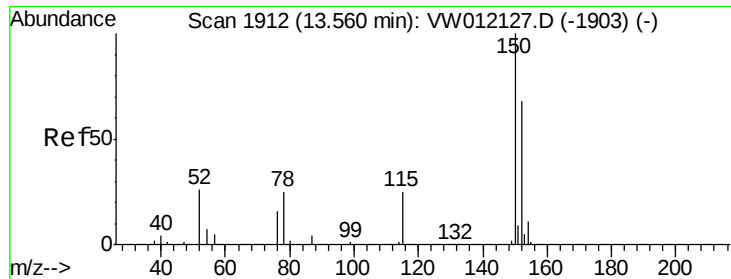


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012447.D

Acq: 01 Sep 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

T4-S-D2-(2.5)

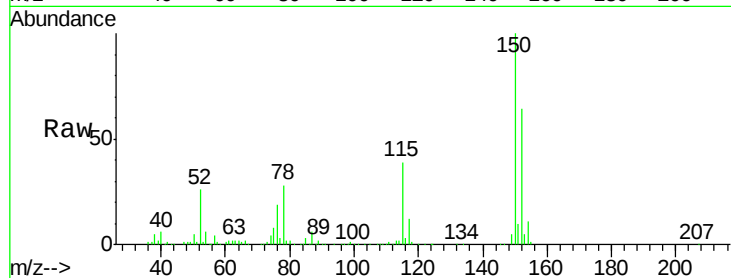
Tot Ion:152 Resp: 112567

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 157.9 0.0 345.8



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

