

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012154.D
 Acq On : 24 Aug 2019 00:34
 Operator : SY/VA
 Sample : K4474-17
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K4-(2.5)

Quant Time: Aug 26 08:29:43 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

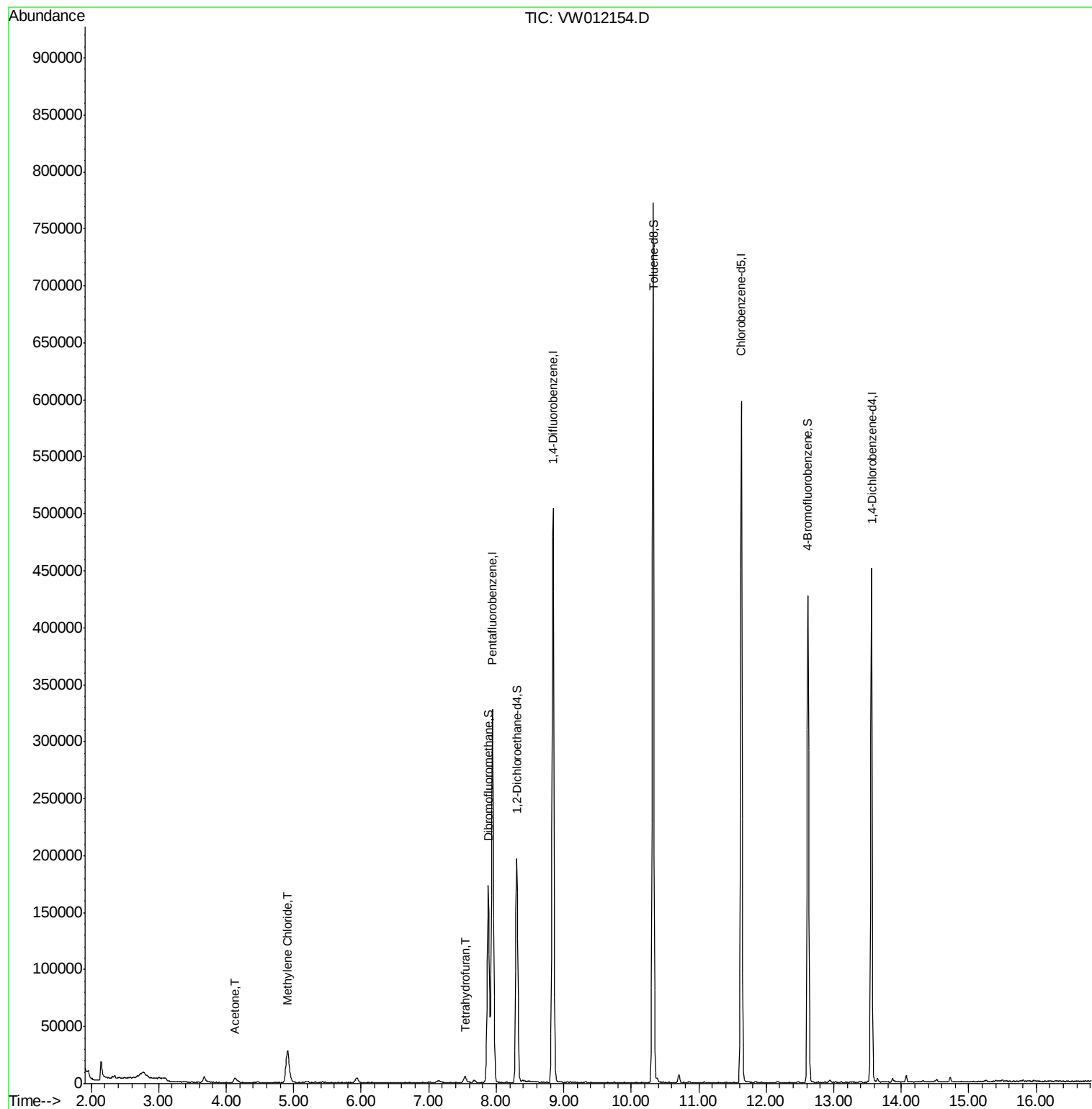
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156500	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
35) Dibromofluoromethane	7.88	113	121573	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
50) Toluene-d8	10.32	98	472959	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	138599	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.64%	
Target Compounds						
16) Acetone	4.13	43	8070	11.278	ug/l	91
20) Methylene Chloride	4.90	84	21243	7.853	ug/l	95
29) Tetrahydrofuran	7.54	42	5133	8.799	ug/l	97

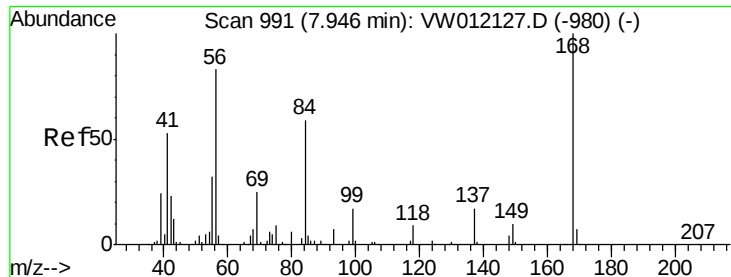
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082319\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012154.D

Acq: 24 Aug 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

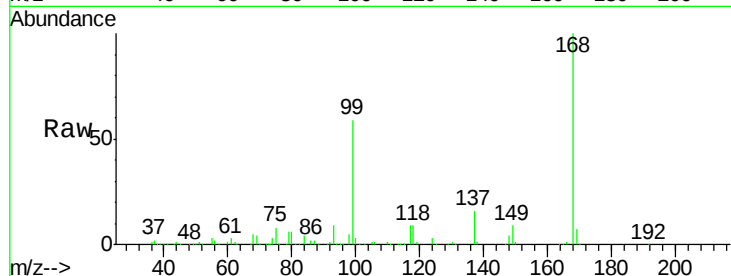
T1-2-K4-(2.5)

Tot Ion:168 Resp: 235477

Ion Ratio Lower Upper

168 100

99 59.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

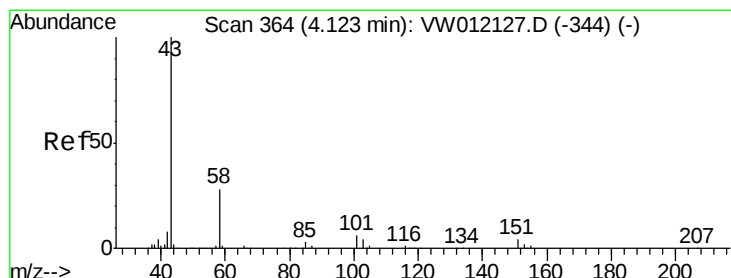
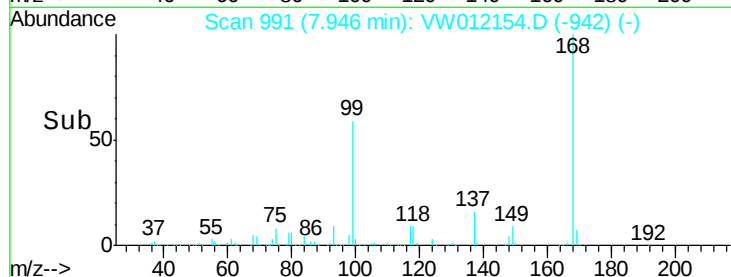
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 11.278 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012154.D

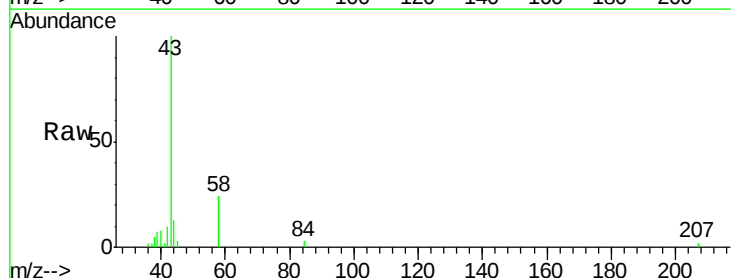
Acq: 24 Aug 2019 00:34

Tgt Ion: 43 Resp: 8070

Ion Ratio Lower Upper

43 100

58 23.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

2500

2000

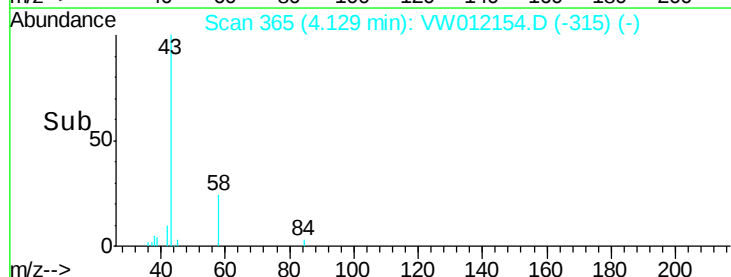
1500

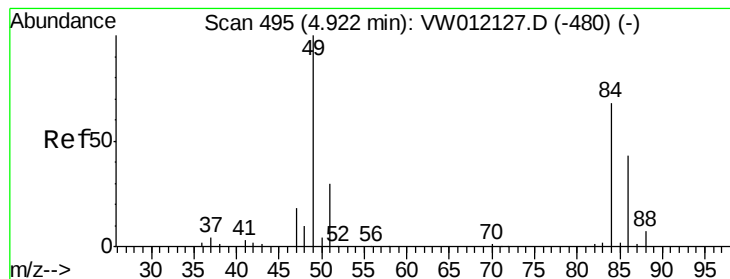
1000

500

0

Time--> 4.00 4.05 4.10 4.15 4.20





#20

Methvlene Chloride

Concen: 7.853 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012154.D

Acq: 24 Aug 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K4-(2.5)

Tot Ion: 84 Resp: 21243

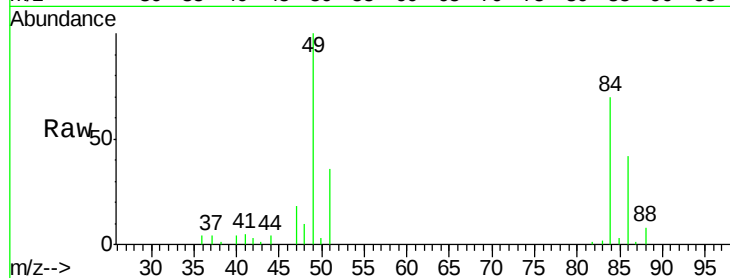
Ion Ratio Lower Upper

84 100

49 142.2 117.8 176.8

51 50.6 35.6 53.4

86 59.8 51.2 76.8

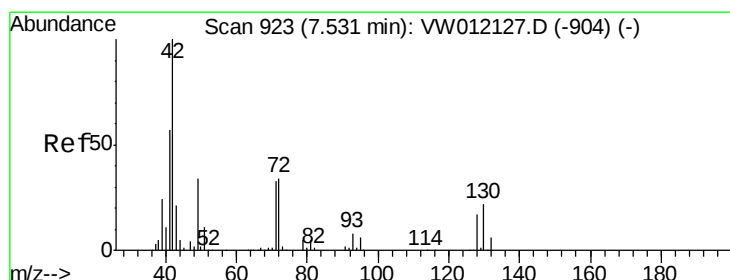
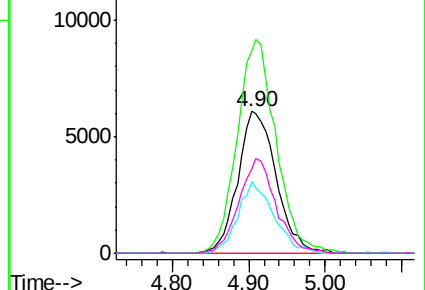
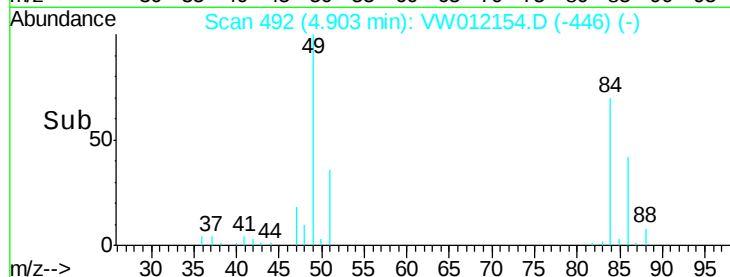


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.799 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012154.D

Acq: 24 Aug 2019 00:34

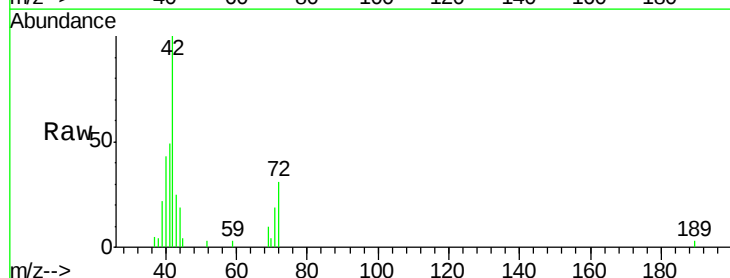
Tgt Ion: 42 Resp: 5133

Ion Ratio Lower Upper

42 100

72 35.2 27.3 40.9

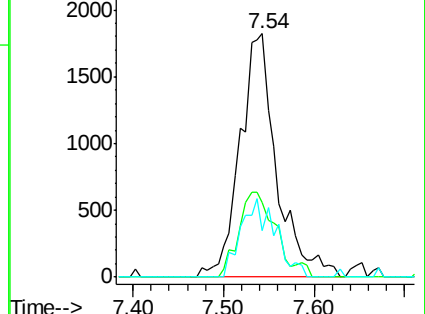
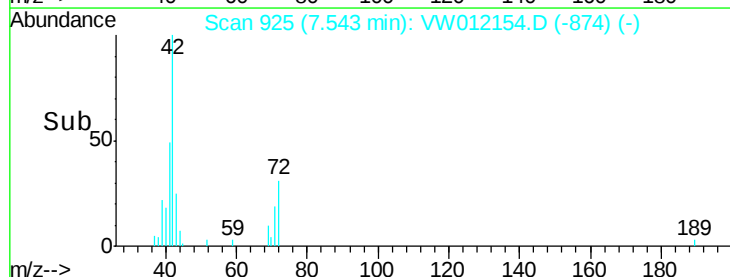
71 30.1 25.5 38.3

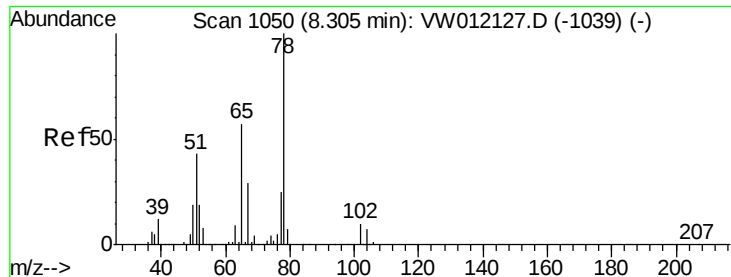


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

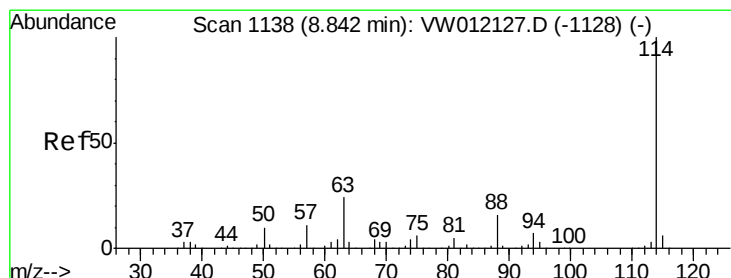
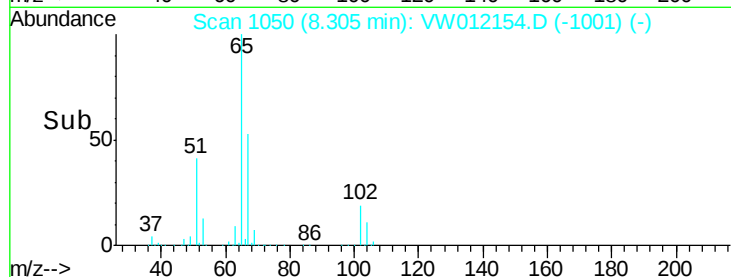
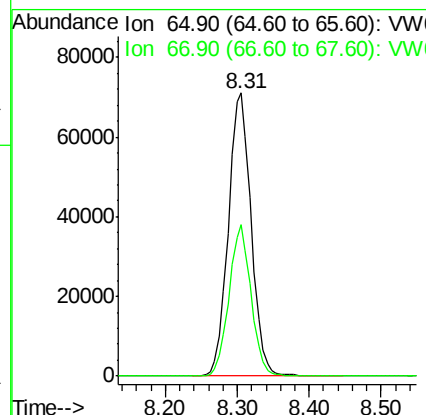
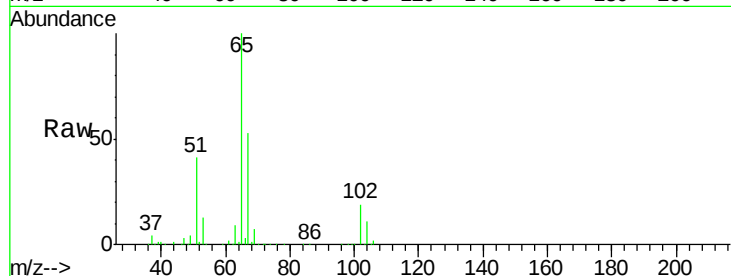




#33
 1,2-Dichloroethane-d4
 Concen: 55.908 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012154.D
 Acq: 24 Aug 2019 00:34

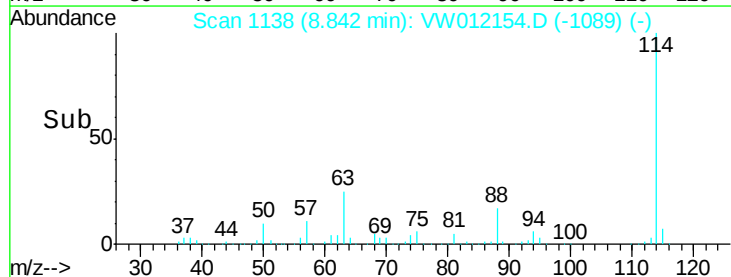
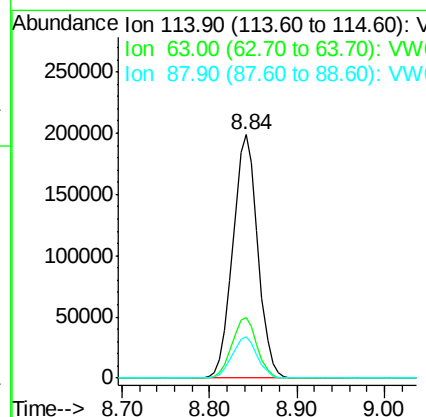
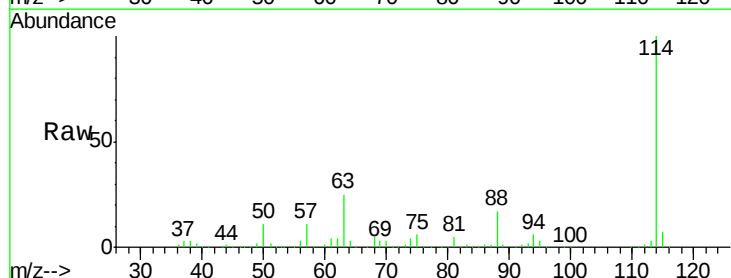
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K4-(2.5)

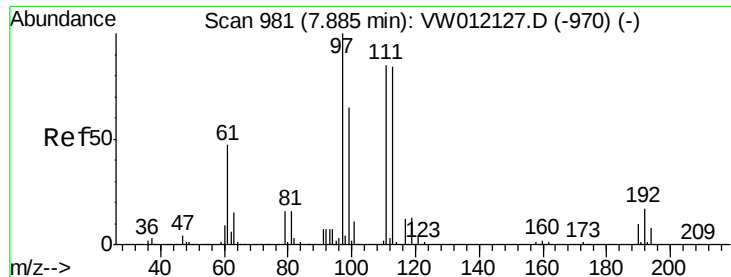
Tot Ion: 65 Resp: 156500
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012154.D
 Acq: 24 Aug 2019 00:34

Tgt Ion: 114 Resp: 393139
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 48.6
 88 16.8 0.0 32.2

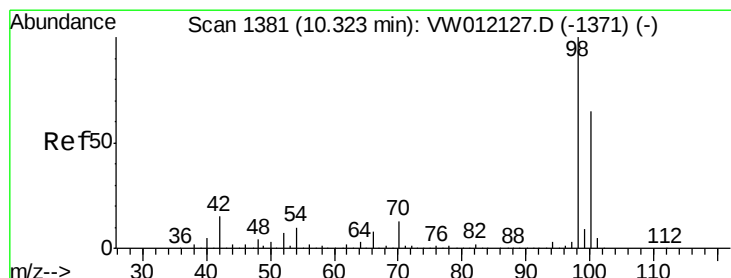
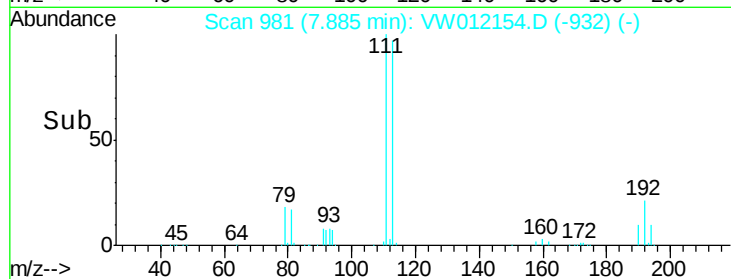
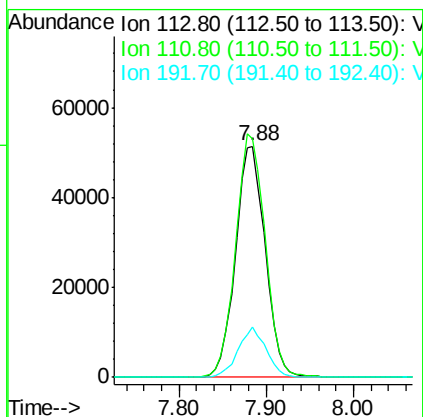
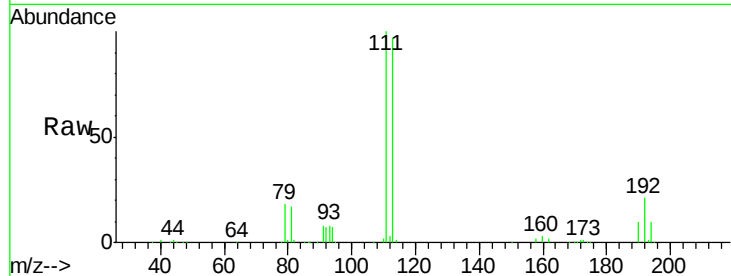




#35
 Dibromofluoromethane
 Concen: 51.807 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012154.D
 Acq: 24 Aug 2019 00:34

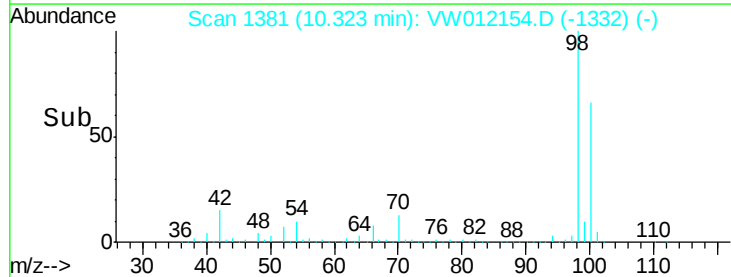
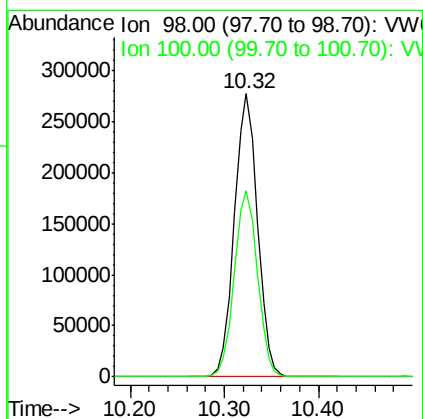
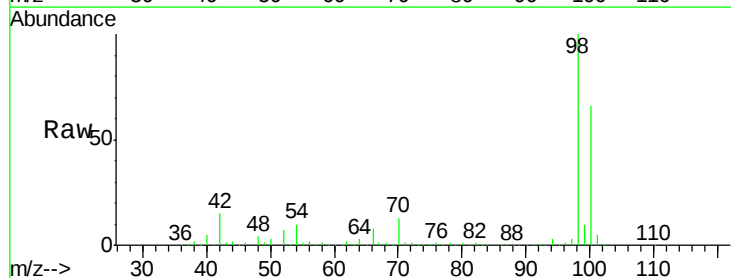
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K4-(2.5)

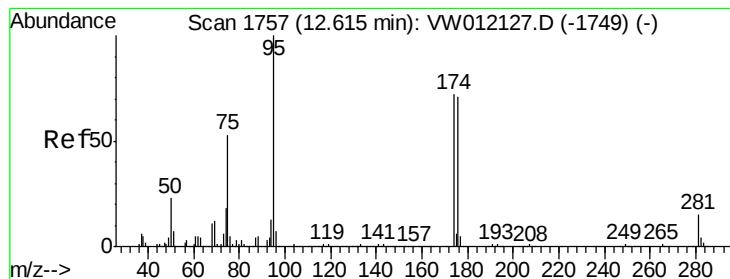
Tot Ion:113 Resp: 121573
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.7 124.1
 192 20.4 16.2 24.2



#50
 Toluene-d8
 Concen: 49.707 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012154.D
 Acq: 24 Aug 2019 00:34

Tgt Ion: 98 Resp: 472959
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 41.323 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012154.D

Acq: 24 Aug 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K4-(2.5)

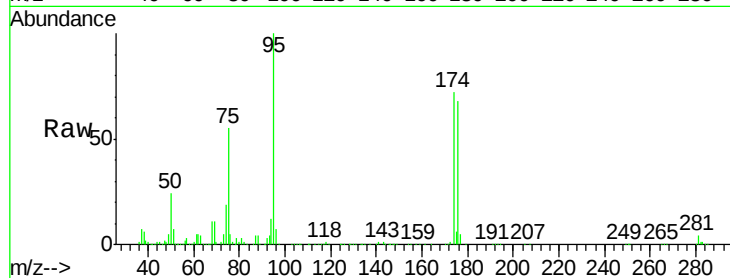
Tot Ion: 95 Resp: 138599

Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.8

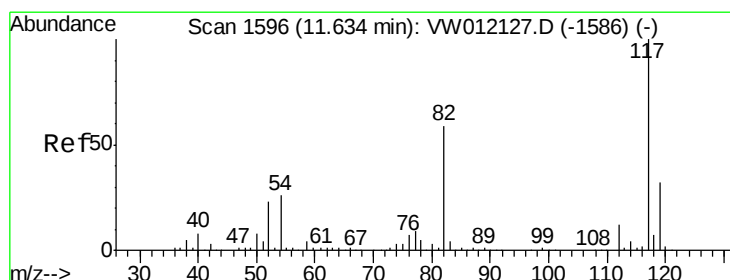
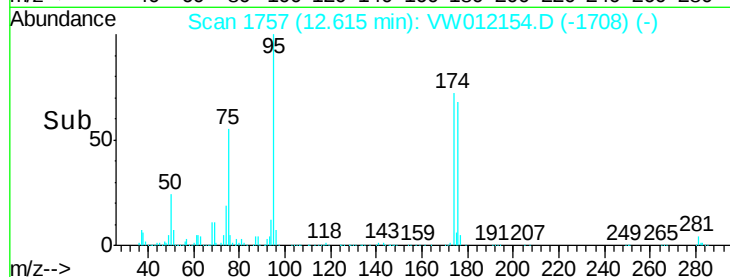
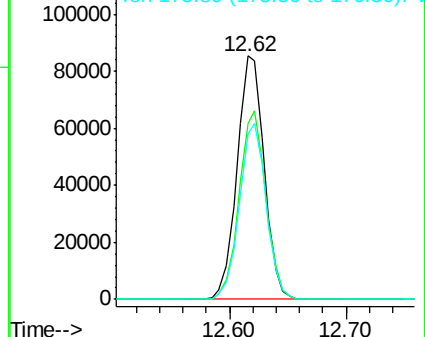
176 71.6 0.0 148.6



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# 1596

Delta R.T. 0.00 min

Lab File: VW012154.D

Acq: 24 Aug 2019 00:34

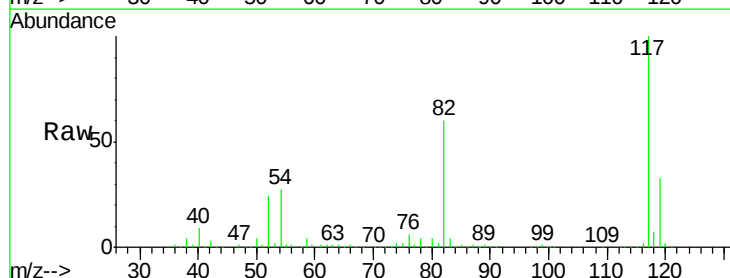
Tgt Ion: 117 Resp: 312572

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.2

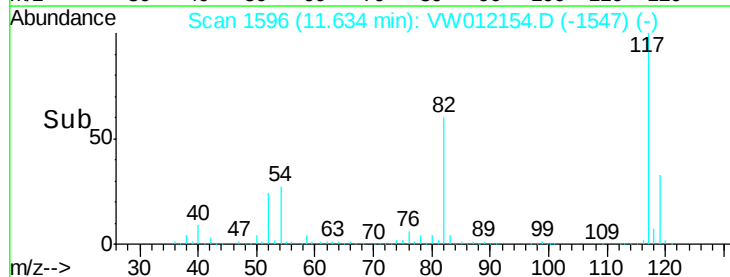
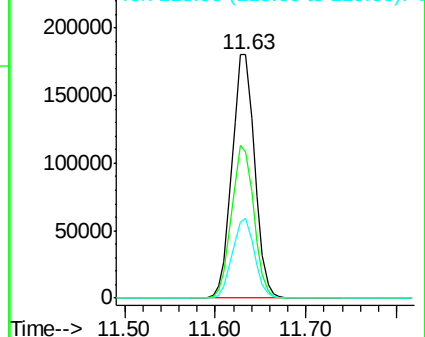
119 32.6 25.4 38.2

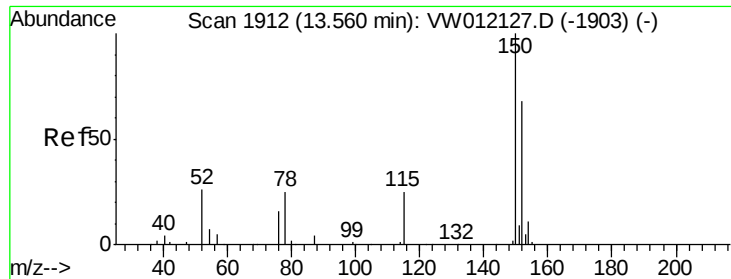


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012154.D

Acq: 24 Aug 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K4-(2.5)

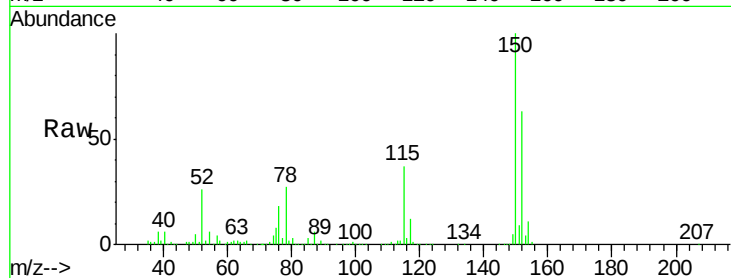
Tot Ion:152 Resp: 110975

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.3

150 158.2 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

