

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012151.D
 Acq On : 23 Aug 2019 23:16
 Operator : SY/VA
 Sample : K4474-14
 Misc : 6.50G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K3-(0)

Quant Time: Aug 26 08:23:30 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

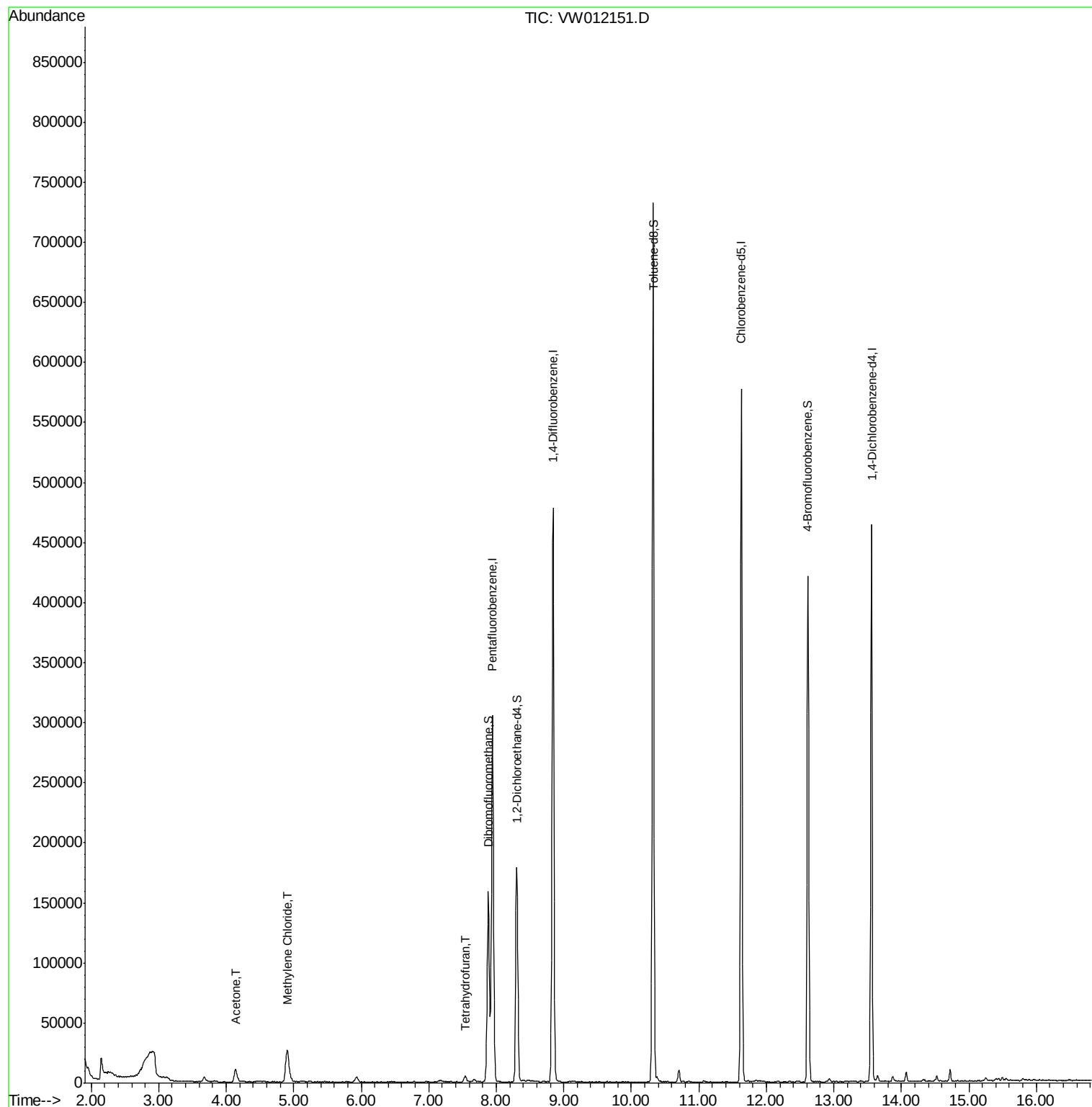
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143884	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
35) Dibromofluoromethane	7.88	113	111909	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	10.32	98	454024	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.62	95	136503	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
16) Acetone	4.14	43	21761	32.785	ug/l	97
20) Methylene Chloride	4.90	84	20346	8.108	ug/l	96
29) Tetrahydrofuran	7.54	42	4562	8.430	ug/l	97

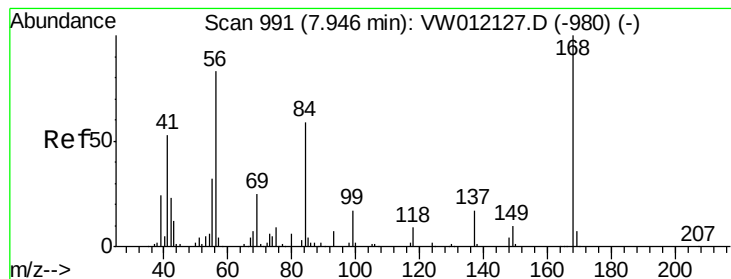
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082319\
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Quant Time: Aug 26 08:23:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012151.D

Acq: 23 Aug 2019 23:16

Instrument :

MSVOA_W

ClientSampleId :

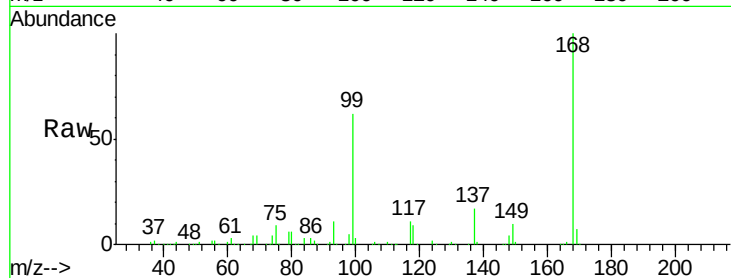
T1-2-K3-(0)

Tot Ion:168 Resp: 218432

Ion Ratio Lower Upper

168 100

99 61.6 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

100000

80000

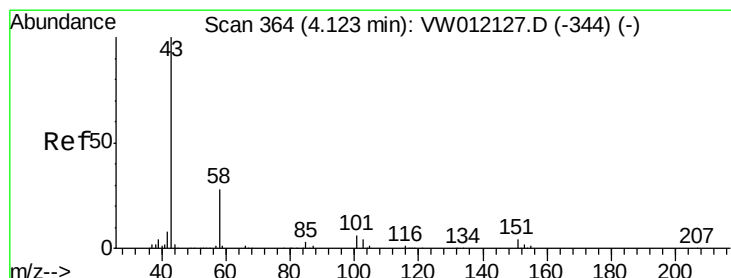
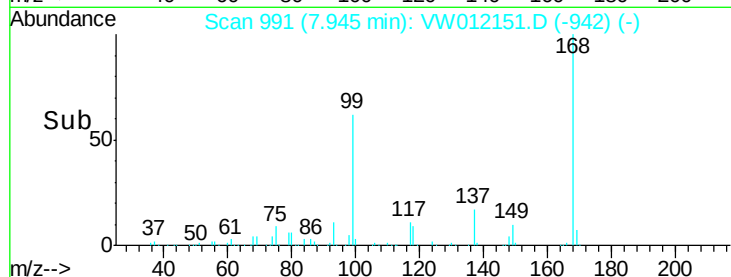
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 32.785 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012151.D

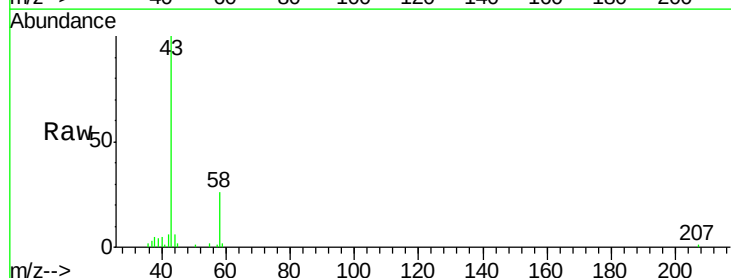
Acq: 23 Aug 2019 23:16

Tgt Ion: 43 Resp: 21761

Ion Ratio Lower Upper

43 100

58 26.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

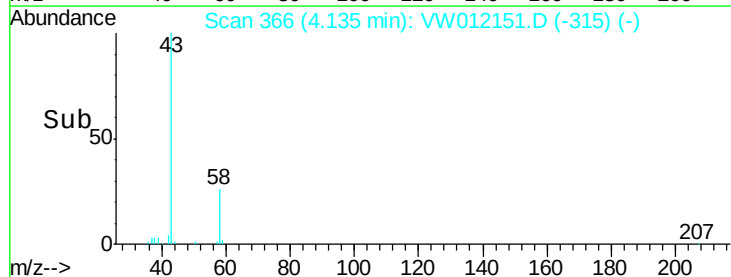
6000

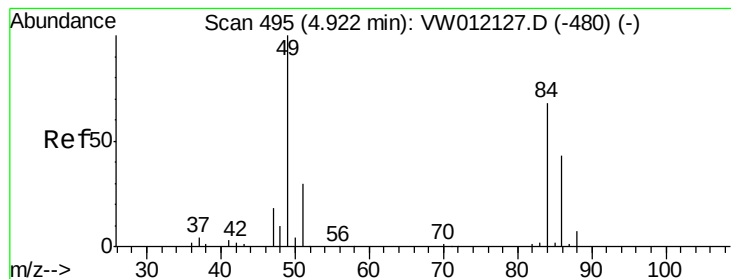
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 8.108 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012151.D

Acq: 23 Aug 2019 23:16

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K3-(0)

Tot Ion: 84 Resp: 20346

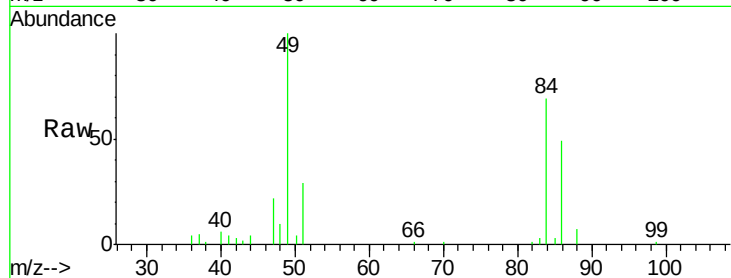
Ion Ratio Lower Upper

84 100

49 145.2 117.8 176.8

51 42.6 35.6 53.4

86 70.8 51.2 76.8

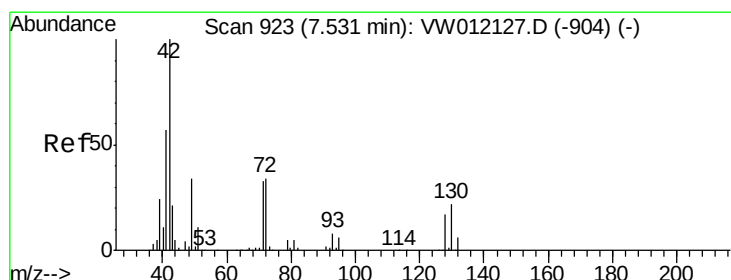
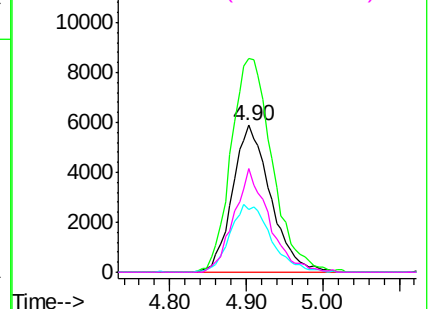
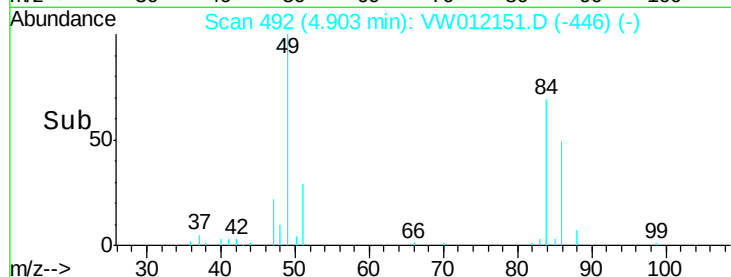


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.430 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012151.D

Acq: 23 Aug 2019 23:16

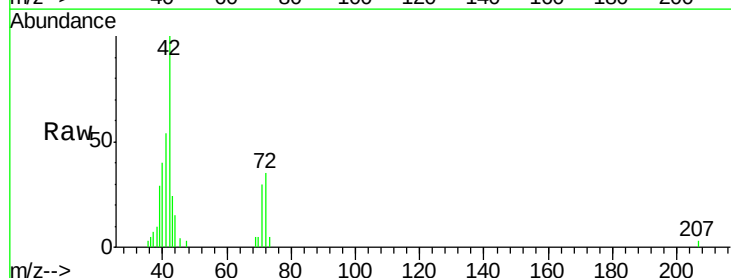
Tgt Ion: 42 Resp: 4562

Ion Ratio Lower Upper

42 100

72 34.9 27.3 40.9

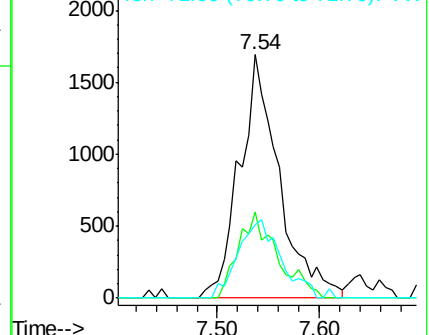
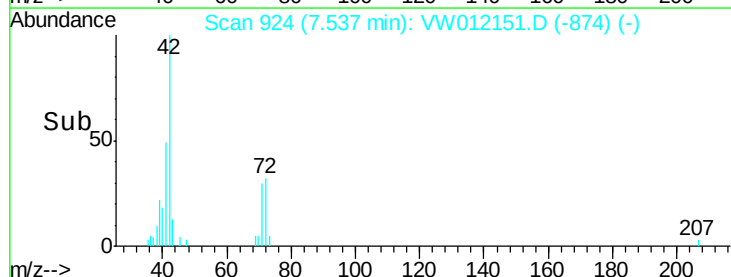
71 34.5 25.5 38.3

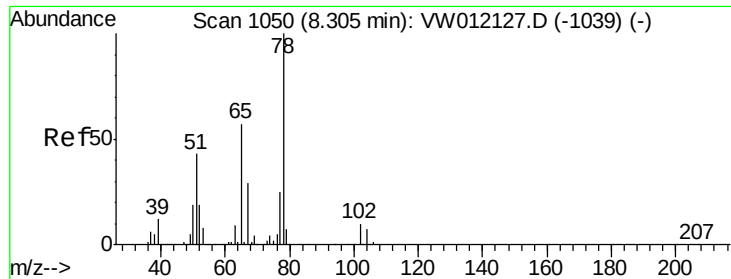


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

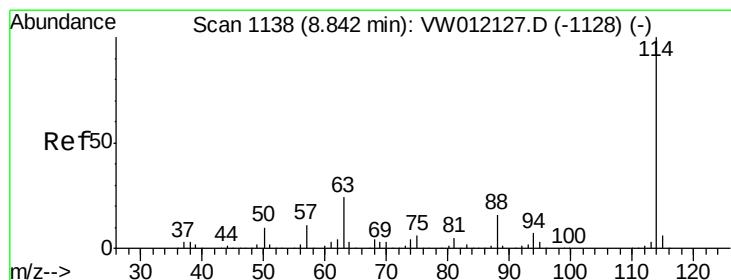
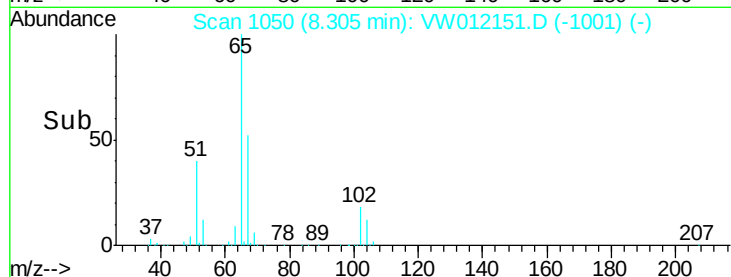
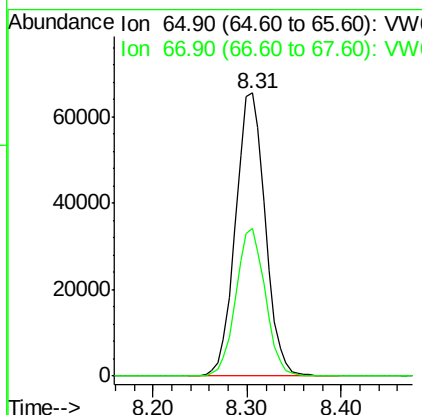
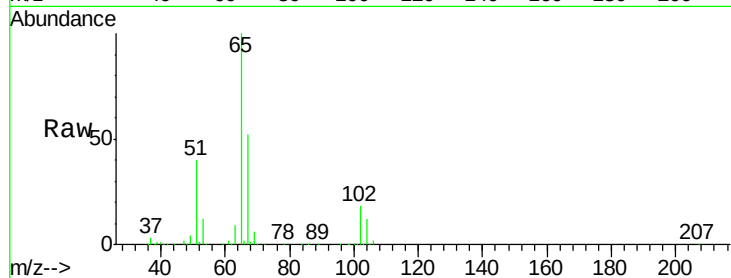




#33
 1,2-Dichloroethane-d4
 Concen: 55.412 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012151.D
 Acq: 23 Aug 2019 23:16

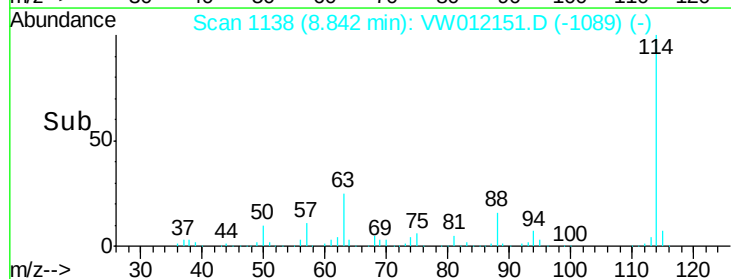
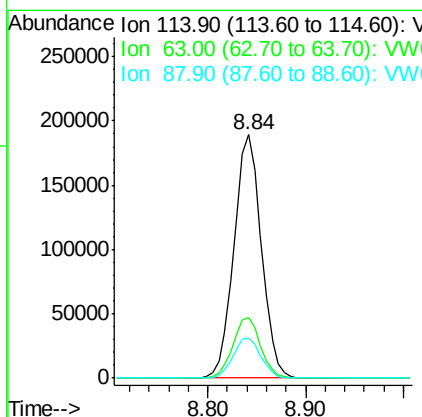
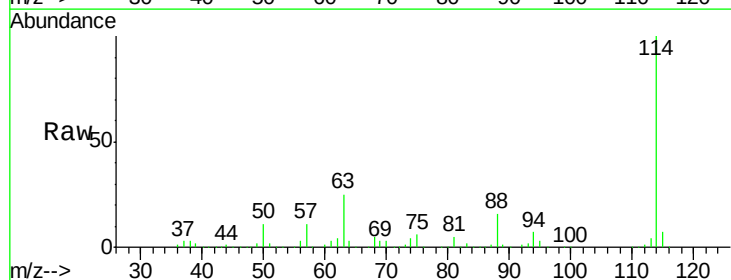
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K3-(0)

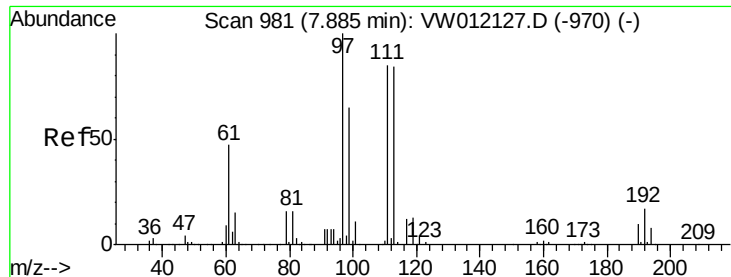
Tot Ion: 65 Resp: 143884
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012151.D
 Acq: 23 Aug 2019 23:16

Tgt Ion: 114 Resp: 367217
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.6
 88 16.5 0.0 32.2

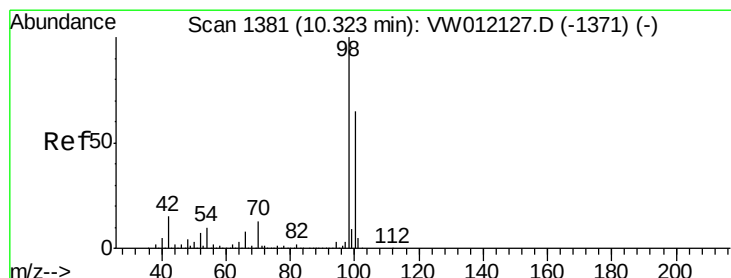
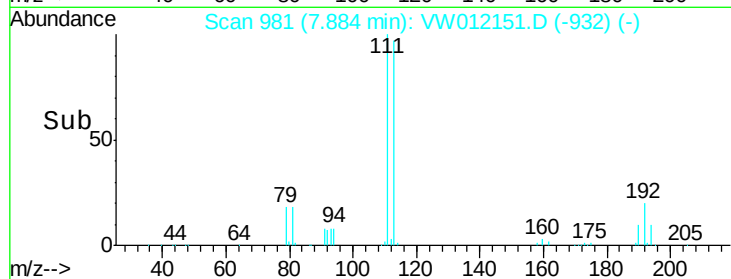
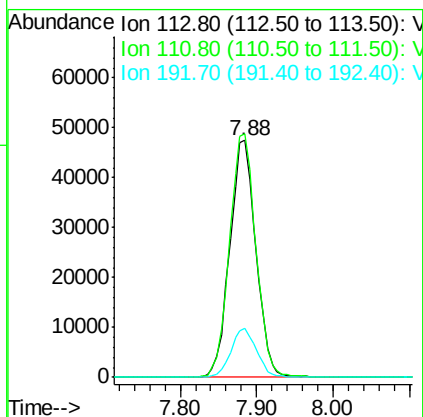
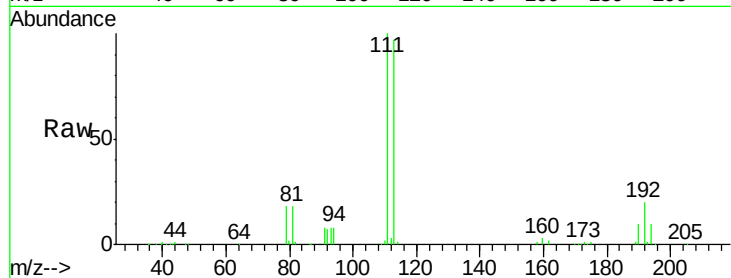




#35
 Dibromofluoromethane
 Concen: 51.055 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012151.D
 Acq: 23 Aug 2019 23:16

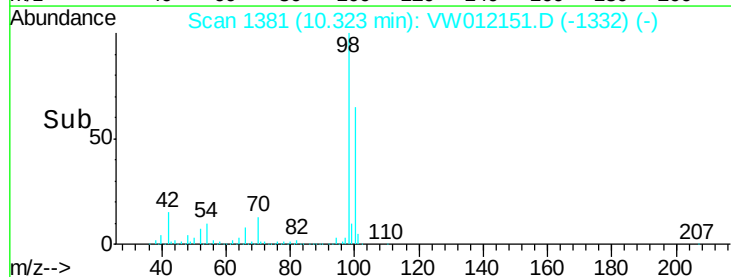
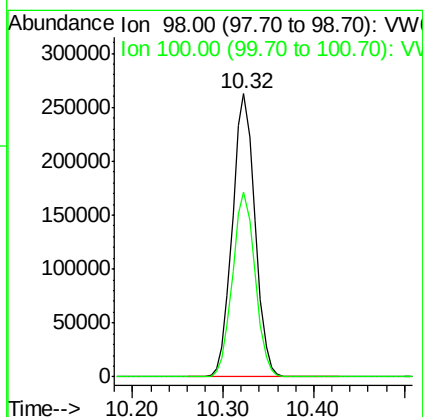
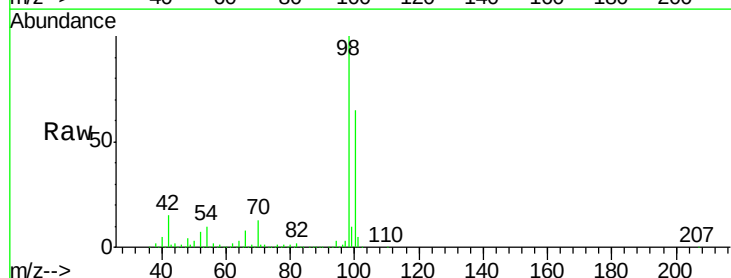
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K3-(0)

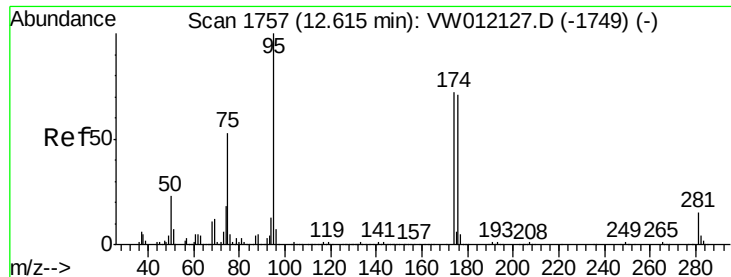
Tot Ion:113 Resp: 111909
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 20.3 16.2 24.2



#50
 Toluene-d8
 Concen: 51.085 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012151.D
 Acq: 23 Aug 2019 23:16

Tgt Ion: 98 Resp: 454024
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 43.571 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012151.D

Acq: 23 Aug 2019 23:16

Instrument :

MSVOA_W

ClientSampled :

T1-2-K3-(0)

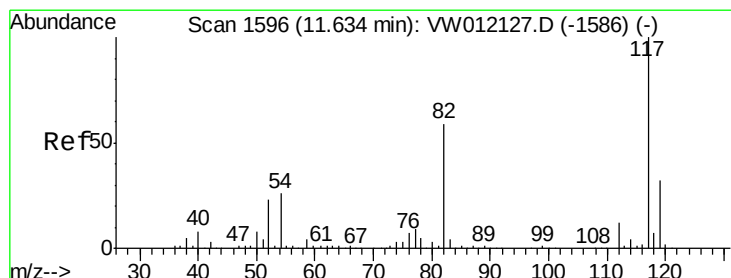
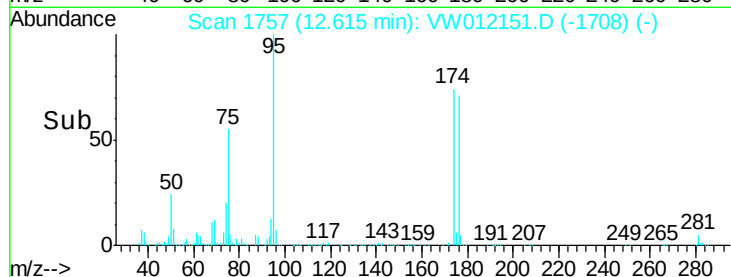
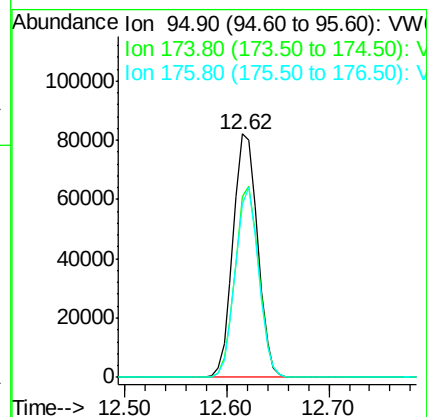
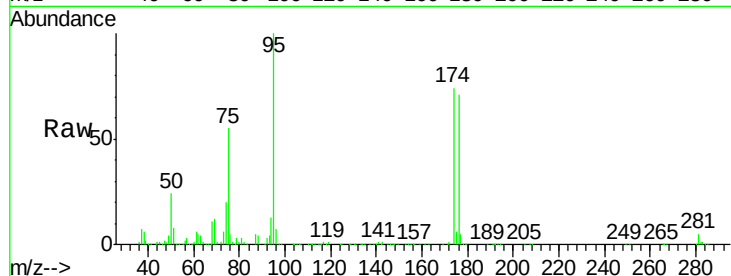
Tot Ion: 95 Resp: 136503

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.8

176 73.8 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012151.D

Acq: 23 Aug 2019 23:16

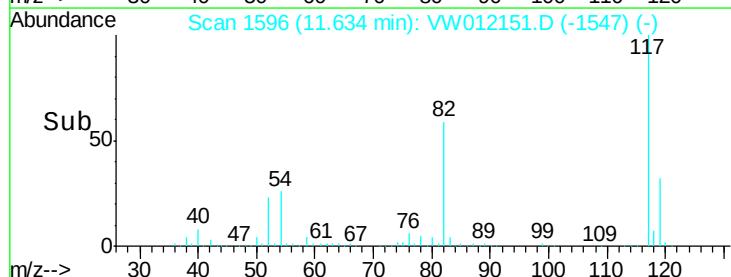
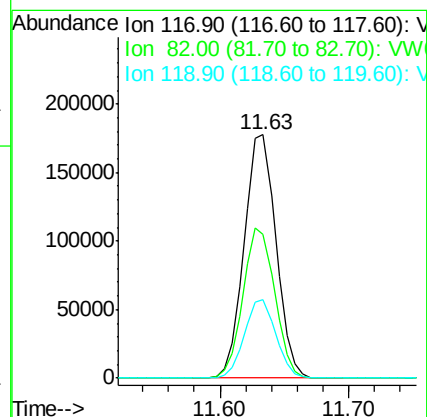
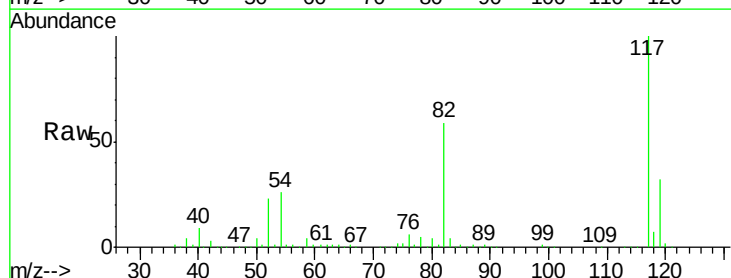
Tgt Ion: 117 Resp: 303631

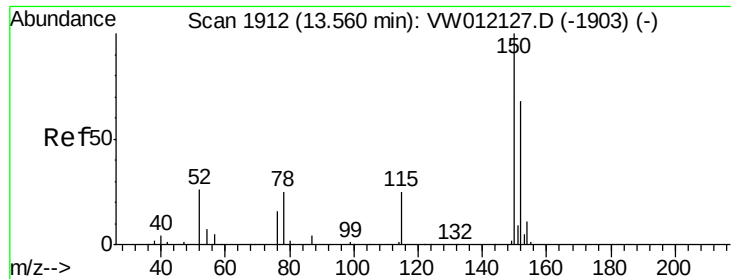
Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.2

119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012151.D

Acq: 23 Aug 2019 23:16

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K3-(0)

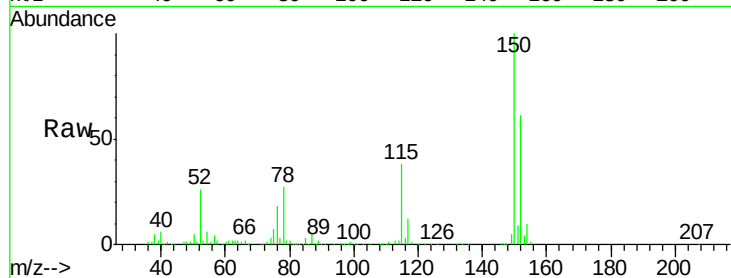
Tot Ion:152 Resp: 112601

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

150 159.3 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

