

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011862.D
 Acq On : 12 Aug 2019 19:33
 Operator : SY/VA
 Sample : K4244-03
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BERGEN-SP-2

Quant Time: Aug 13 09:04:43 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

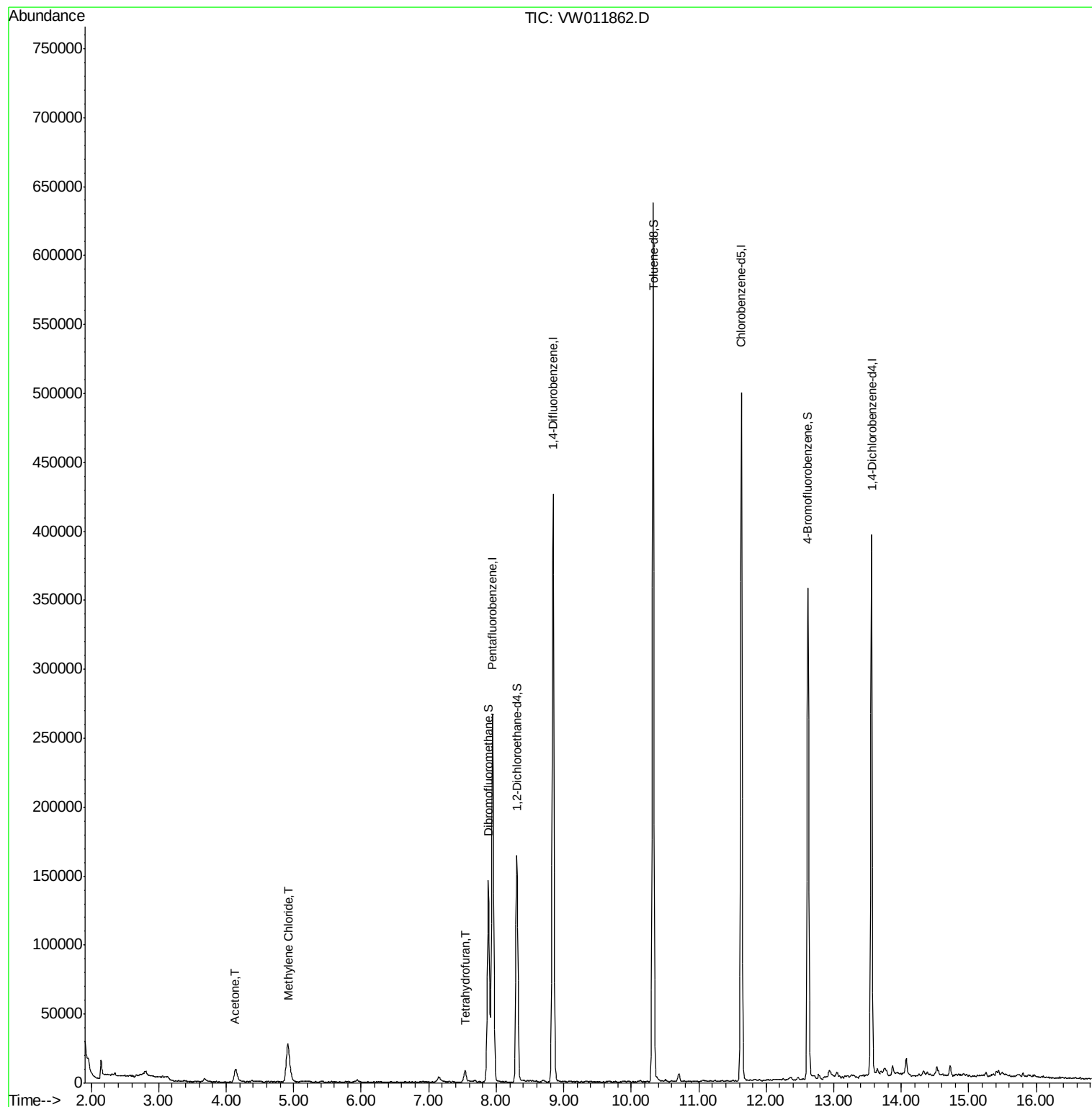
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128696	58.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	7.88	113	100515	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
50) Toluene-d8	10.32	98	395307	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
62) 4-Bromofluorobenzene	12.62	95	119568	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
Target Compounds						
16) Acetone	4.14	43	19592	28.072	ug/l	98
20) Methylene Chloride	4.92	84	21811	9.062	ug/l	94
29) Tetrahydrofuran	7.54	42	7122	13.643	ug/l	98

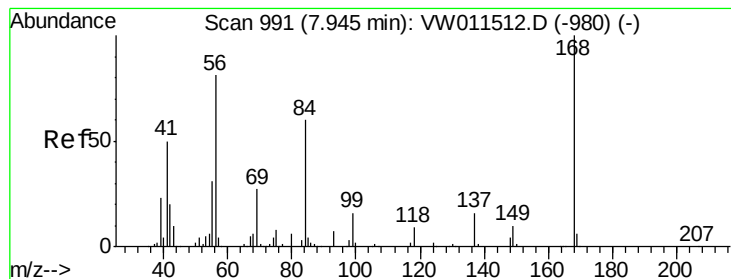
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
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Quant Time: Aug 13 09:04:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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: VW011862.D

Acq: 12 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

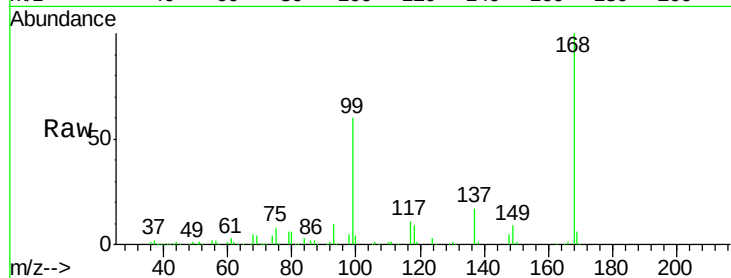
BERGEN-SP-2

Tot Ion:168 Resp: 191071

Ion Ratio Lower Upper

168 100

99 60.2 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

80000

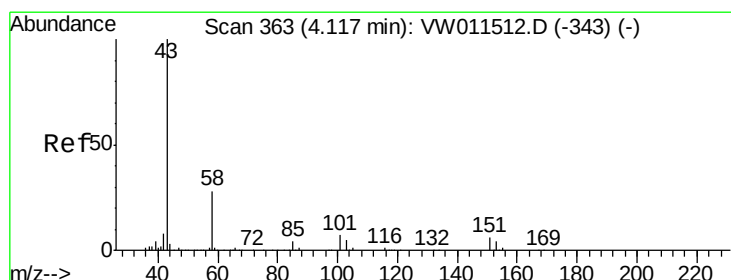
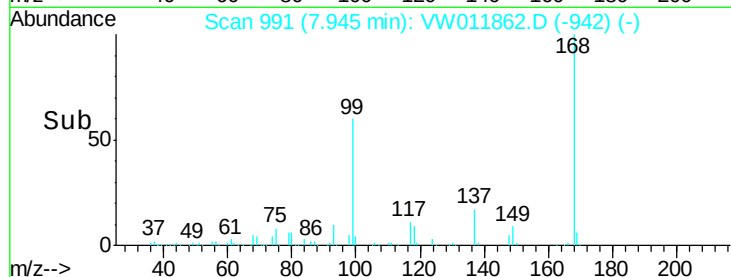
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 28.072 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011862.D

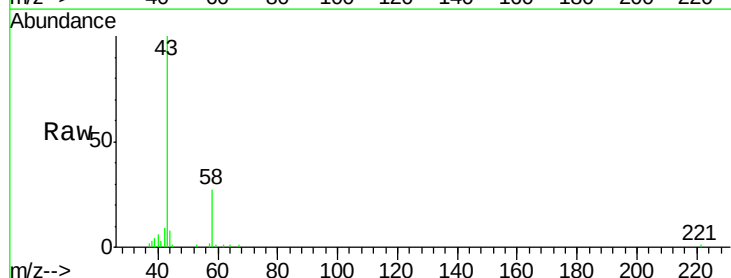
Acq: 12 Aug 2019 19:33

Tgt Ion: 43 Resp: 19592

Ion Ratio Lower Upper

43 100

58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

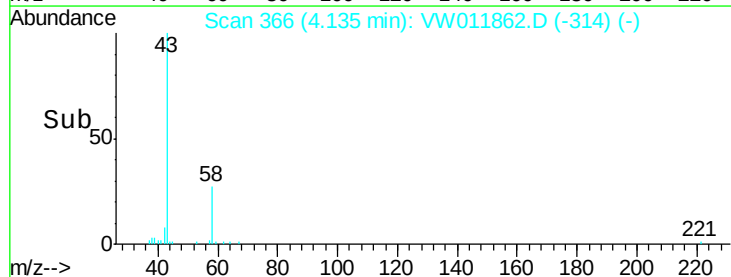
6000

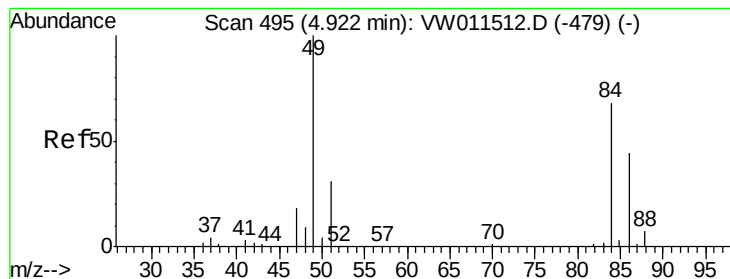
4000

2000

0

Time--> 4.00 4.10 4.20





#20

Methvlene Chloride

Concen: 9.062 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW011862.D

Acq: 12 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

BERGEN-SP-2

Tot Ion: 84 Resp: 21811

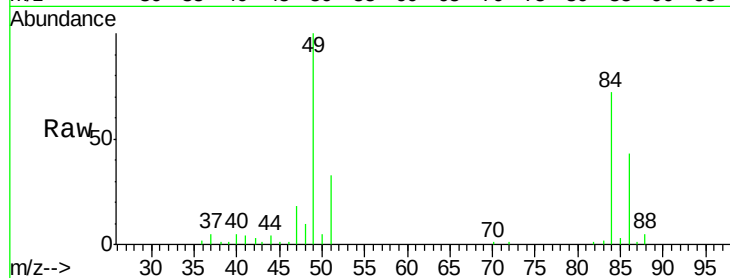
Ion Ratio Lower Upper

84 100

49 138.0 117.8 176.6

51 46.0 37.0 55.4

86 60.0 51.8 77.8

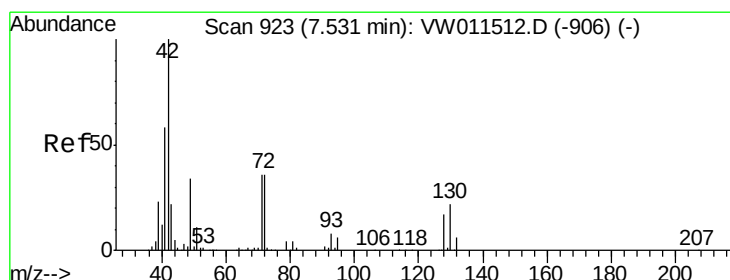
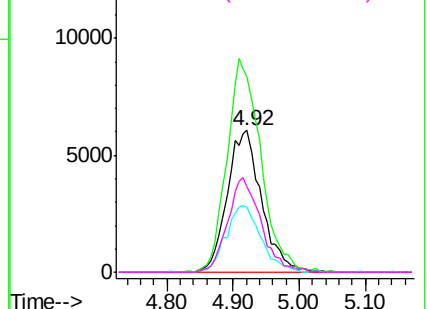
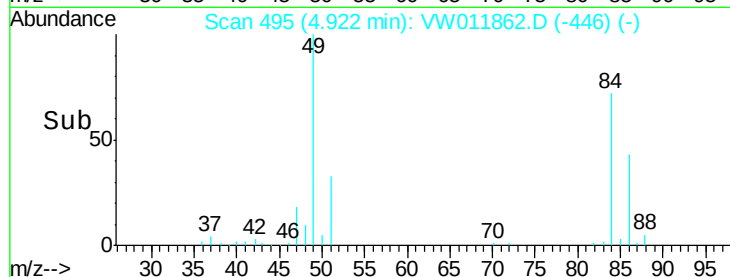


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 13.643 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW011862.D

Acq: 12 Aug 2019 19:33

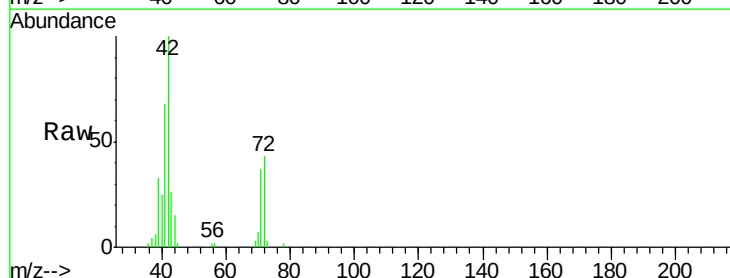
Tgt Ion: 42 Resp: 7122

Ion Ratio Lower Upper

42 100

72 35.1 27.1 40.7

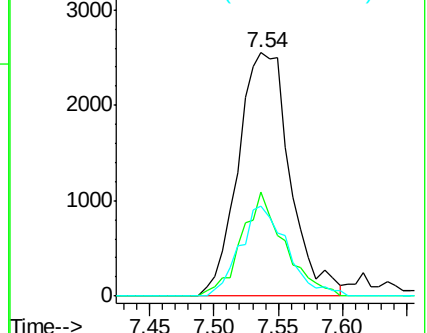
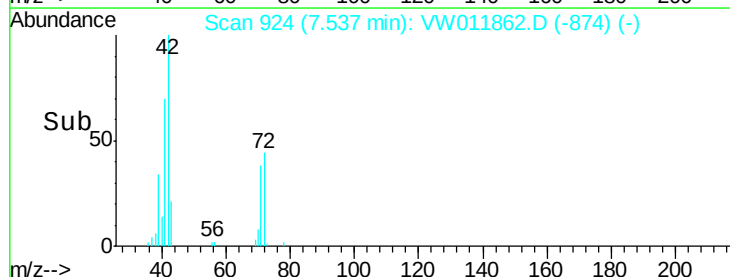
71 33.9 26.2 39.4

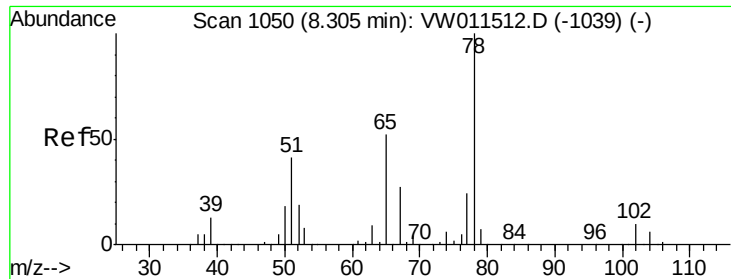


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

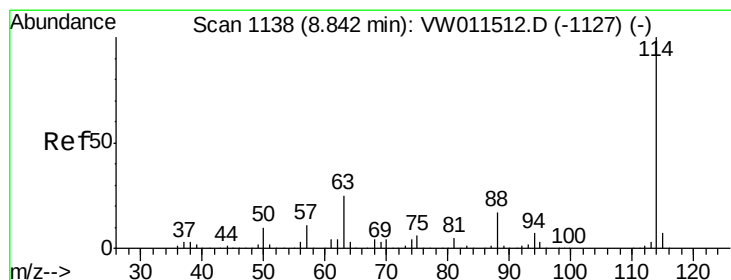
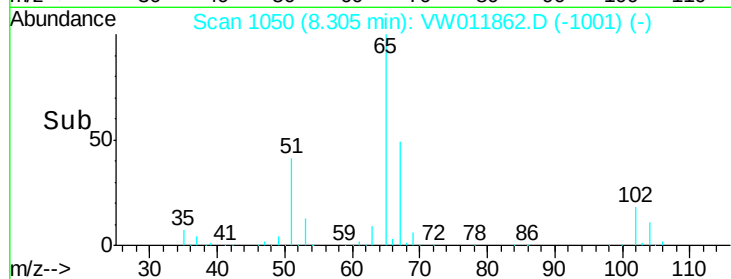
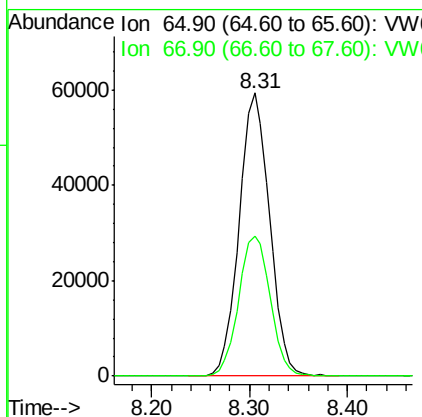
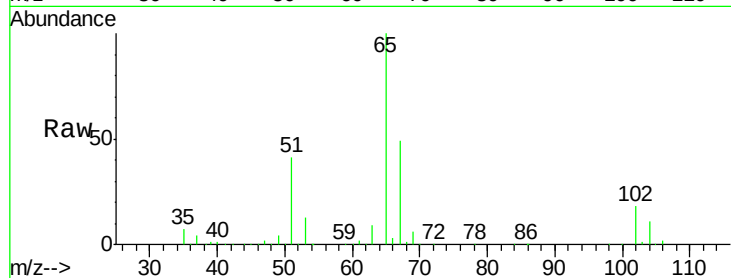




#33
 1,2-Dichloroethane-d4
 Concen: 58.657 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011862.D
 Acq: 12 Aug 2019 19:33

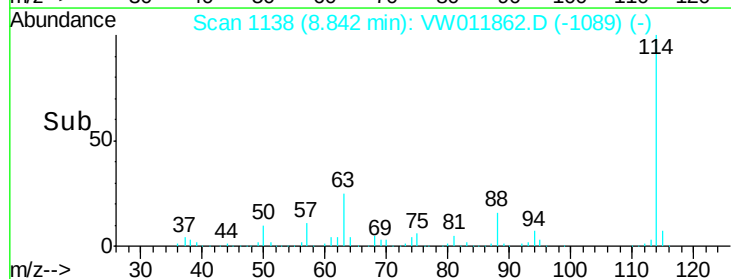
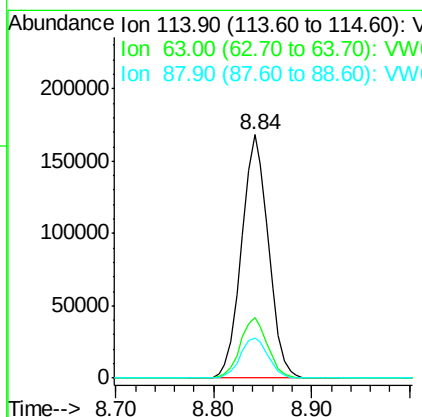
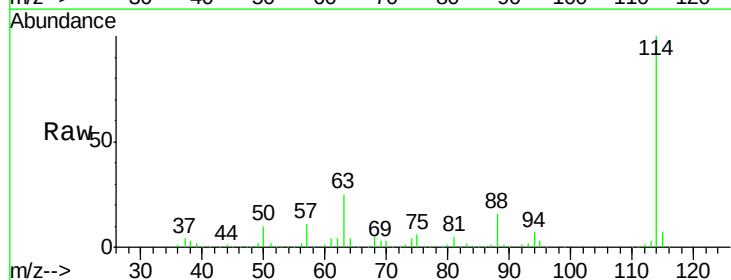
Instrument :
 MSVOA_W
 ClientSampleId :
 BERGEN-SP-2

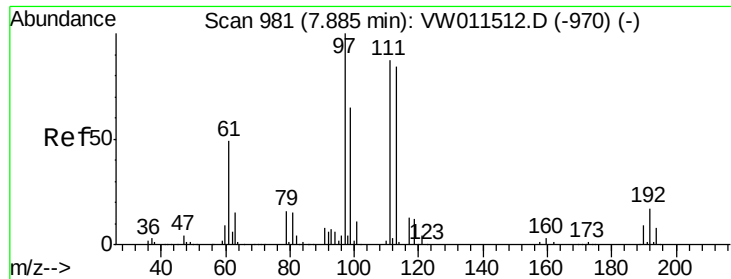
Tot Ion: 65 Resp: 128696
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011862.D
 Acq: 12 Aug 2019 19:33

Tgt Ion: 114 Resp: 319730
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.3 0.0 33.8

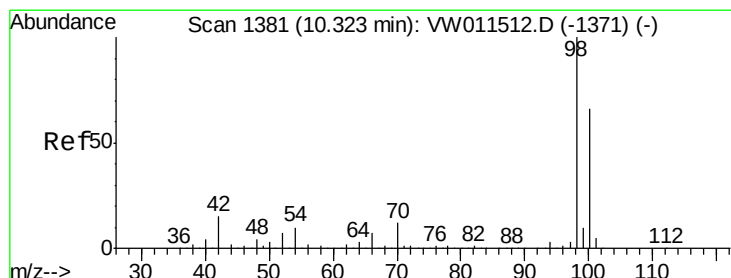
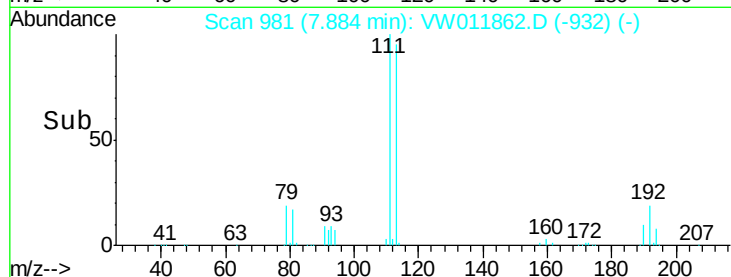
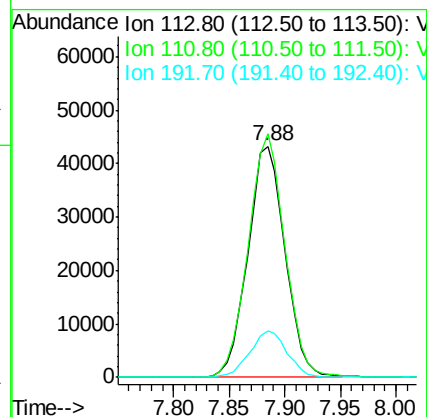
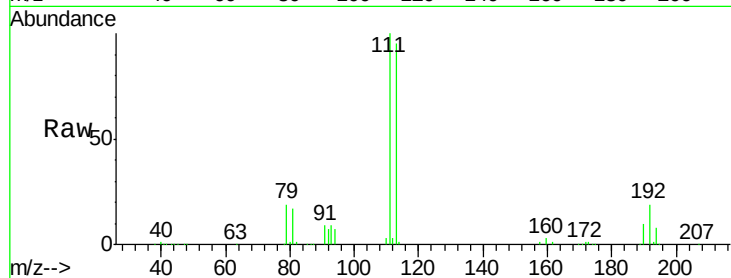




#35
 Dibromofluoromethane
 Concen: 56.036 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011862.D
 Acq: 12 Aug 2019 19:33

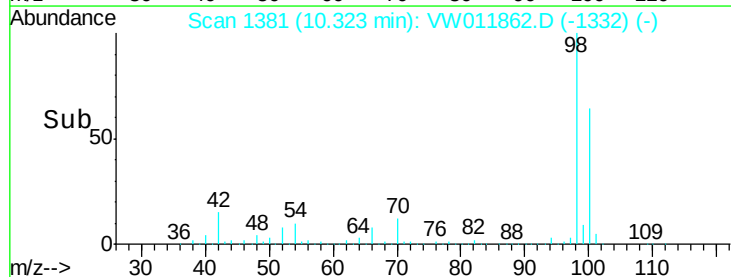
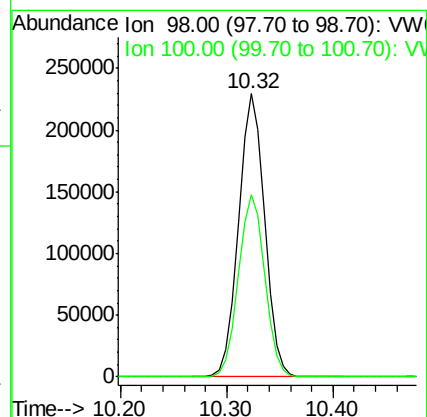
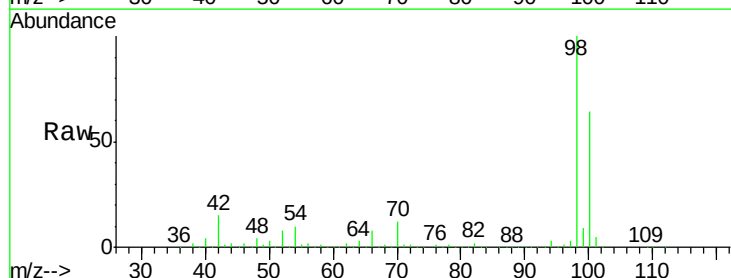
Instrument :
 MSVOA_W
 ClientSampleId :
 BERGEN-SP-2

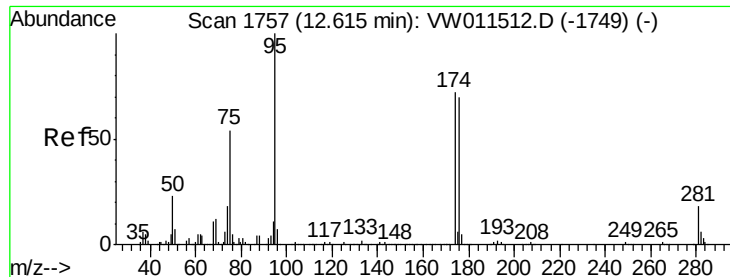
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	20.1	16.1	24.1



#50
 Toluene-d8
 Concen: 53.826 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011862.D
 Acq: 12 Aug 2019 19:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.7	79.1





#62

4-Bromofluorobenzene

Concen: 45.666 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011862.D

Acq: 12 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

BERGEN-SP-2

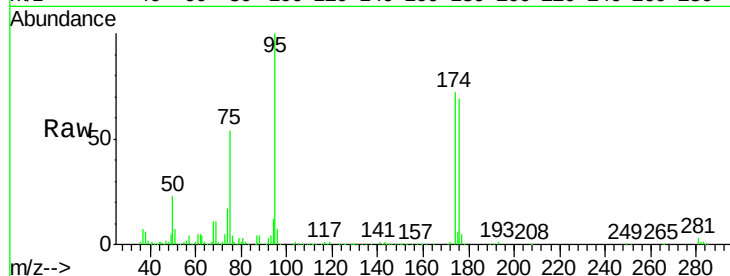
Tot Ion: 95 Resp: 119568

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

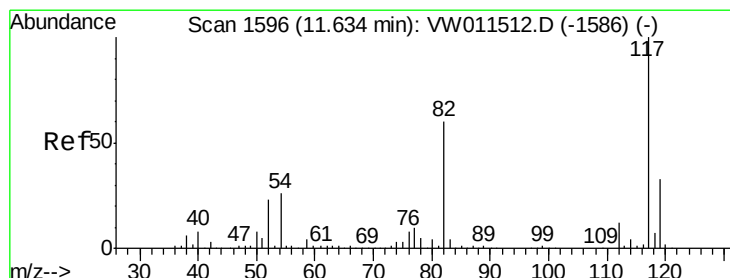
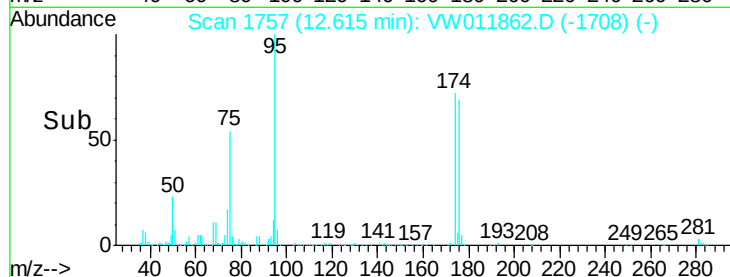
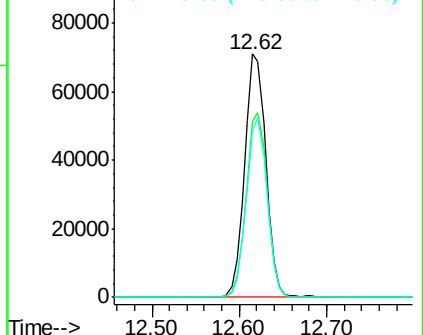
176 71.8 0.0 144.4



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: VW011862.D

Acq: 12 Aug 2019 19:33

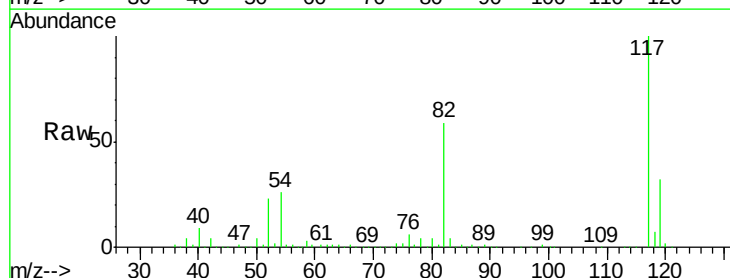
Tgt Ion: 117 Resp: 260735

Ion Ratio Lower Upper

117 100

82 59.4 47.9 71.9

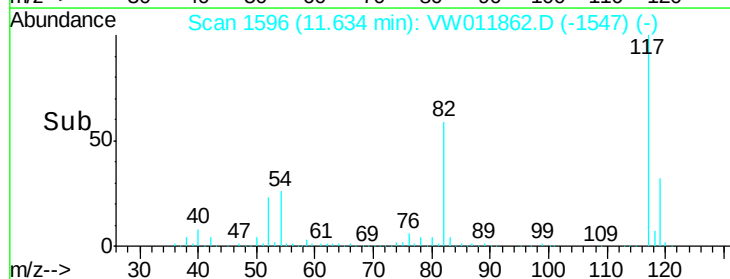
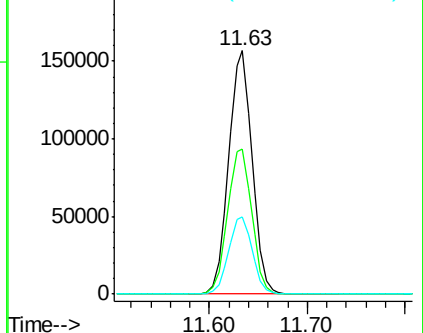
119 31.9 26.2 39.2

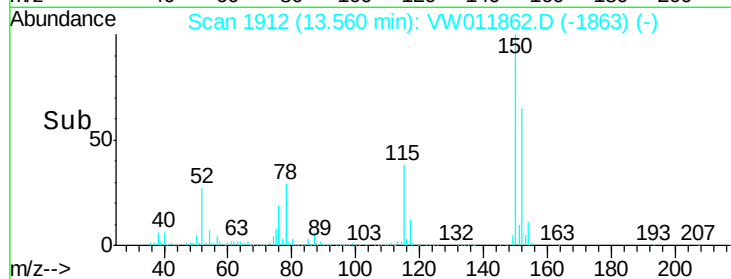
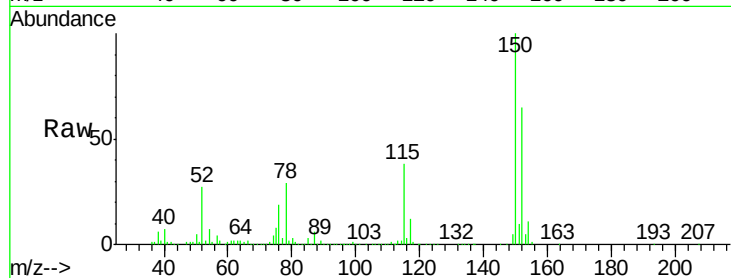
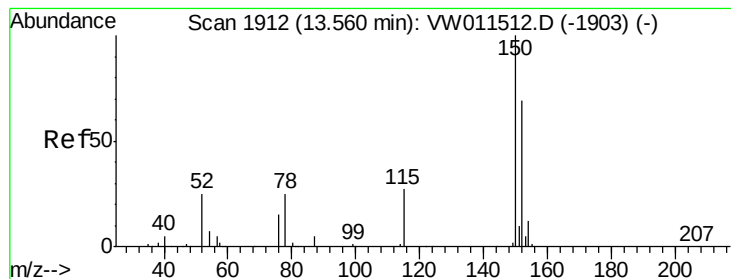


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011862.D

Acq: 12 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

BERGEN-SP-2

Tot Ion:152 Resp: 95424

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

150 155.6 0.0 352.6

