

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011861.D
 Acq On : 12 Aug 2019 19:08
 Operator : SY/VA
 Sample : K4244-01RE
 Misc : 5.88G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BERGEN-SP-1RE

Quant Time: Aug 13 09:03:33 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

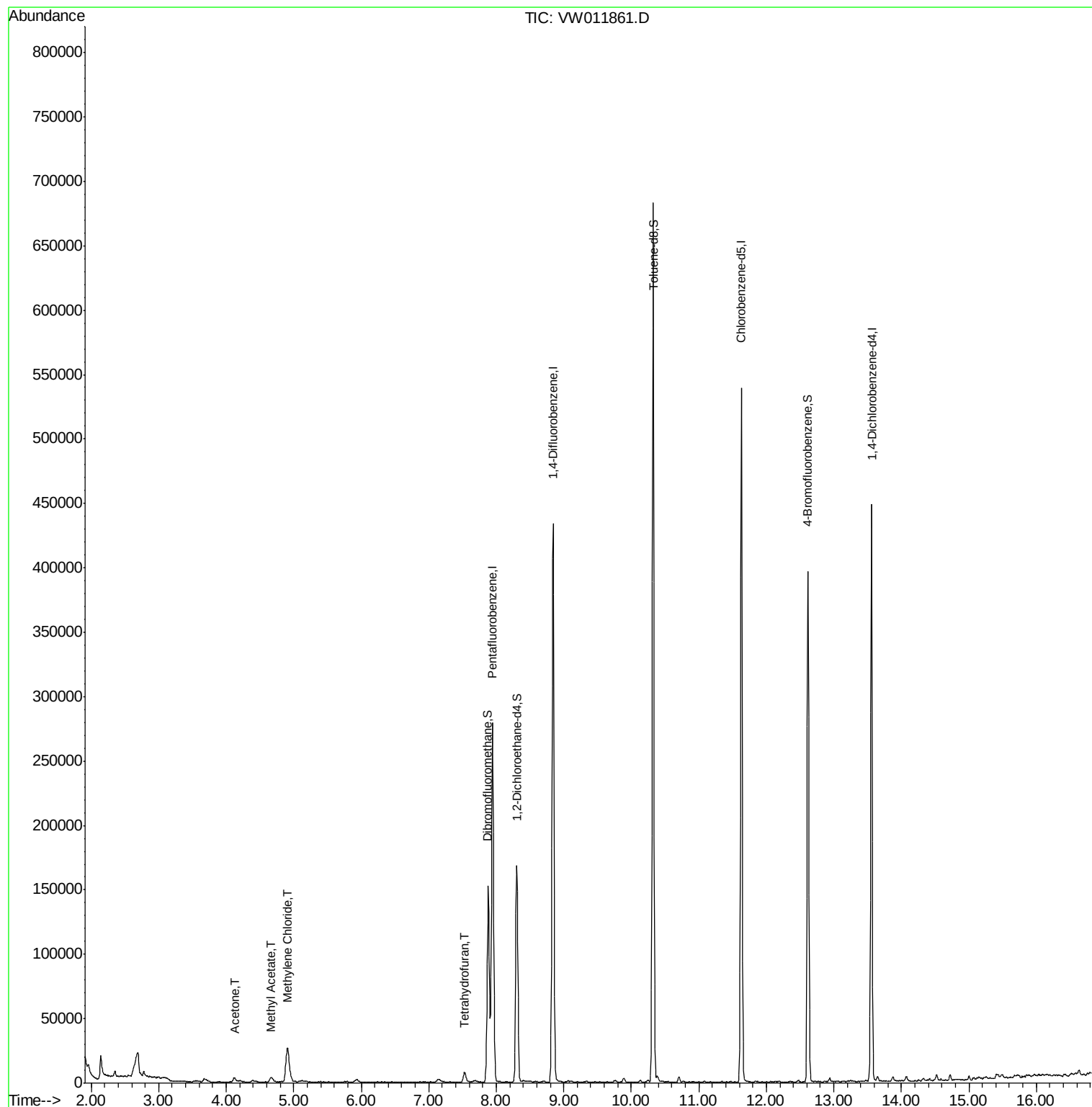
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136152	59.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.20%	
35) Dibromofluoromethane	7.88	113	107258	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
50) Toluene-d8	10.32	98	419108	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.62	95	128569	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
16) Acetone	4.12	43	6325	8.704	ug/l	94
18) Methyl Acetate	4.67	43	8763	5.368	ug/l	99
20) Methylene Chloride	4.91	84	20554	8.201	ug/l	96
29) Tetrahydrofuran	7.53	42	7028	12.930	ug/l	98

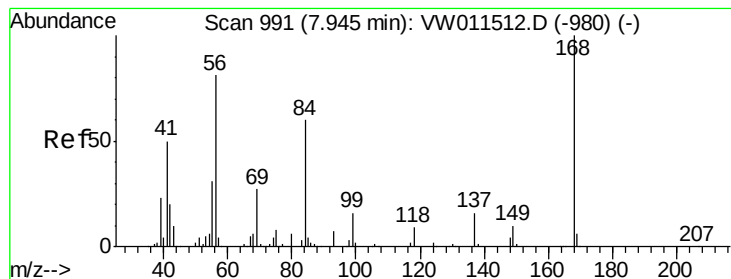
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
Data File : VW011861.D
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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: VW011861.D

Acq: 12 Aug 2019 19:08

Instrument :

MSVOA_W

ClientSampleId :

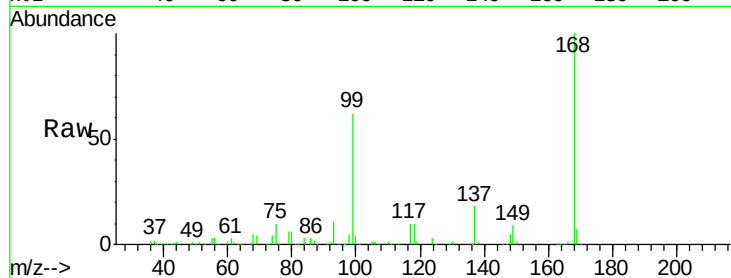
BERGEN-SP-1RE

Tot Ion:168 Resp: 198954

Ion Ratio Lower Upper

168 100

99 61.5 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

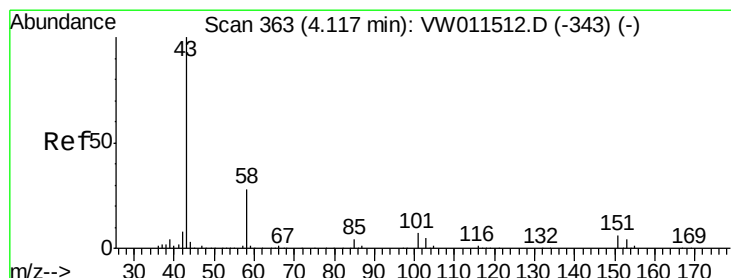
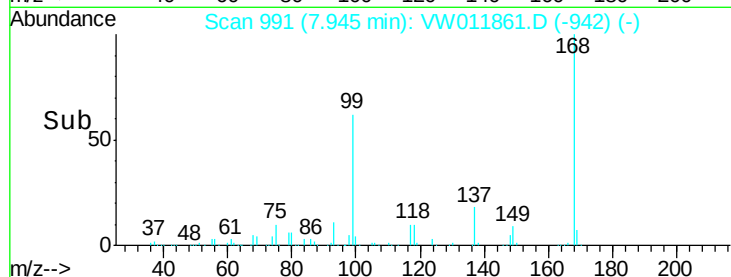
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 8.704 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011861.D

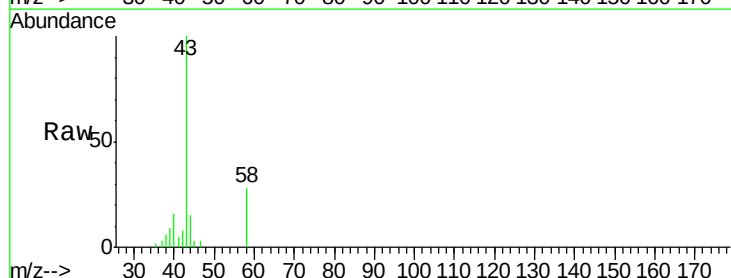
Acq: 12 Aug 2019 19:08

Tgt Ion: 43 Resp: 6325

Ion Ratio Lower Upper

43 100

58 24.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

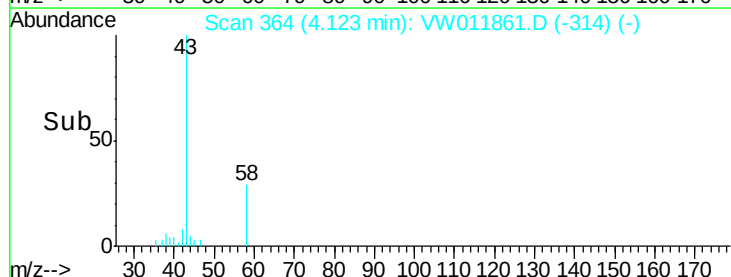
1500

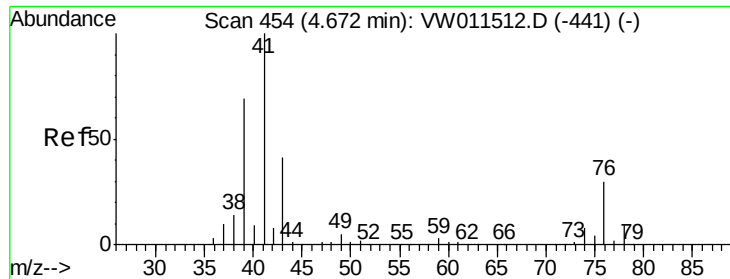
1000

500

0

Time--> 4.00 4.10 4.20

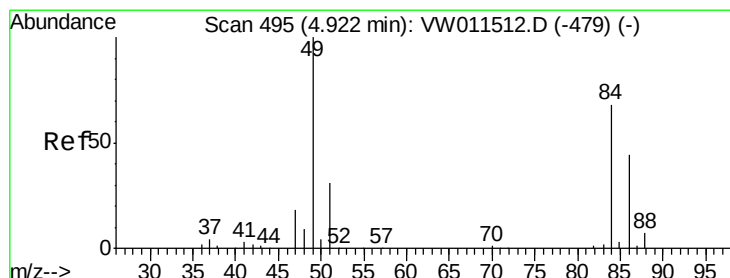
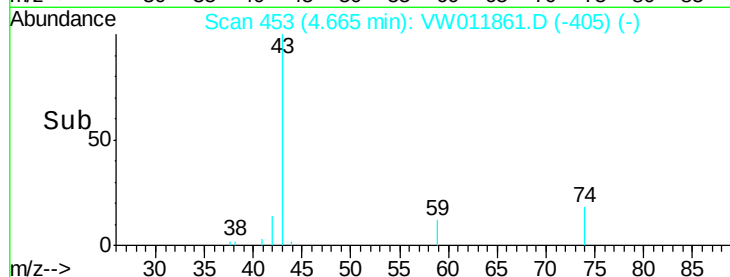
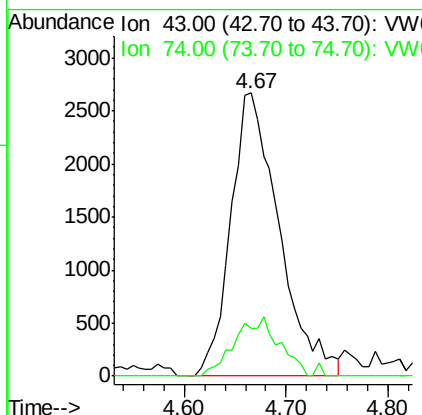
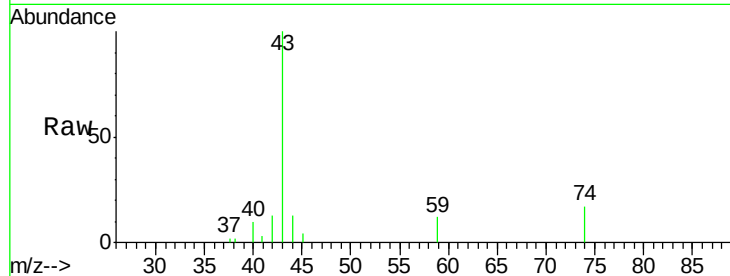




#18
Methyl Acetate
Concen: 5.368 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

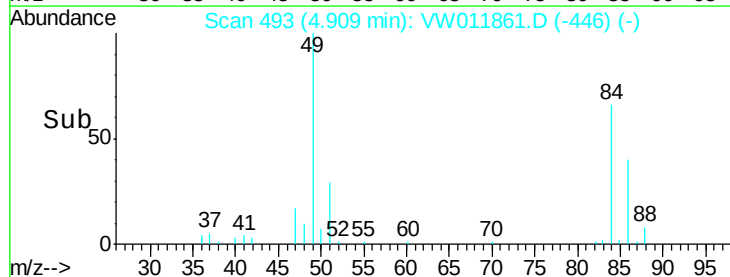
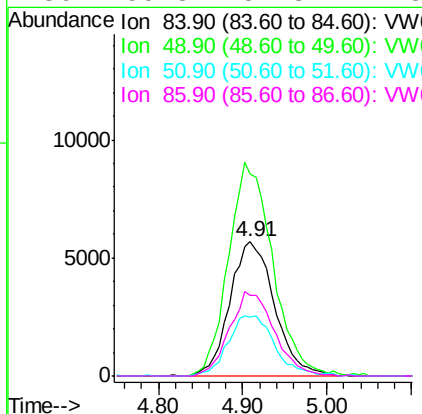
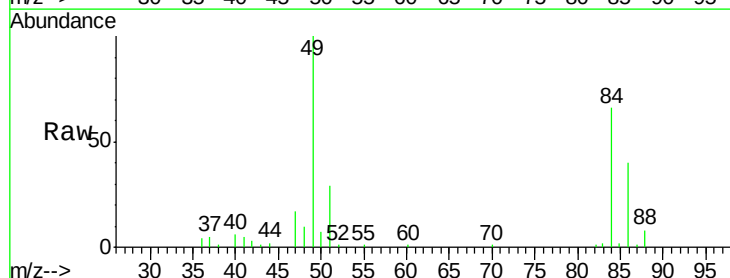
Instrument :
MSVOA_W
ClientSampleId :
BERGEN-SP-1RE

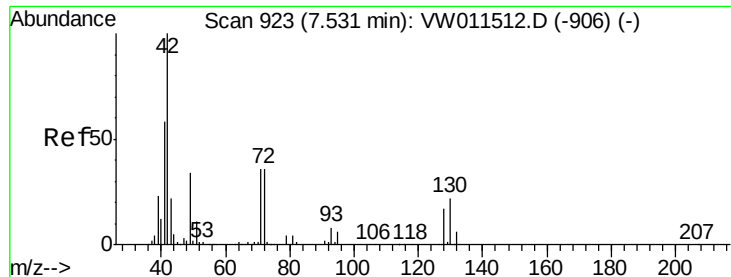
Tot Ion: 43 Resp: 8763
Ion Ratio Lower Upper
43 100
74 19.3 15.9 23.9



#20
Methylene Chloride
Concen: 8.201 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

Tgt Ion: 84 Resp: 20554
Ion Ratio Lower Upper
84 100
49 150.8 117.8 176.6
51 44.0 37.0 55.4
86 59.8 51.8 77.8

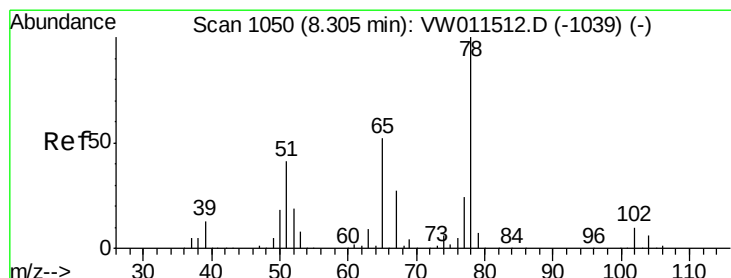
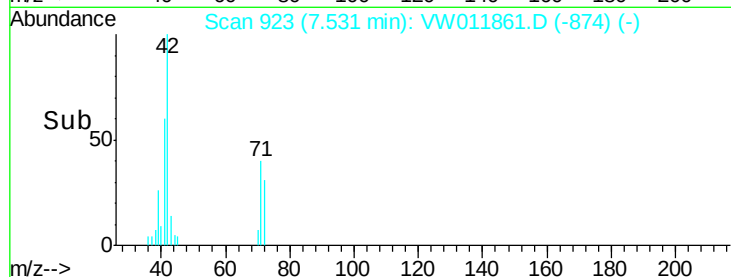
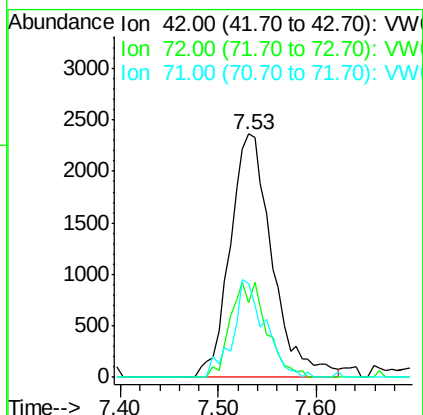
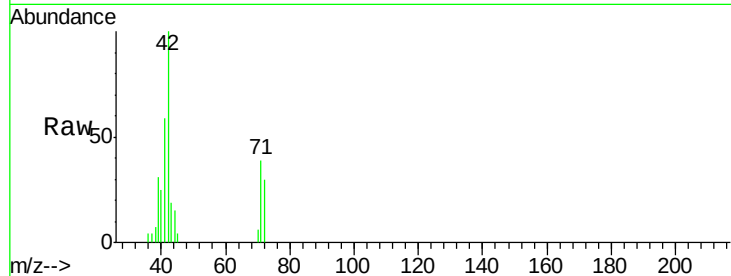




#29
Tetrahydrofuran
Concen: 12.930 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

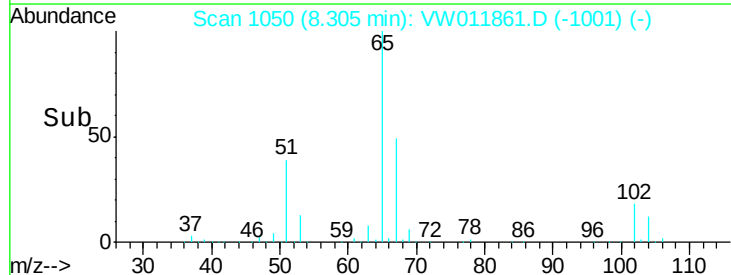
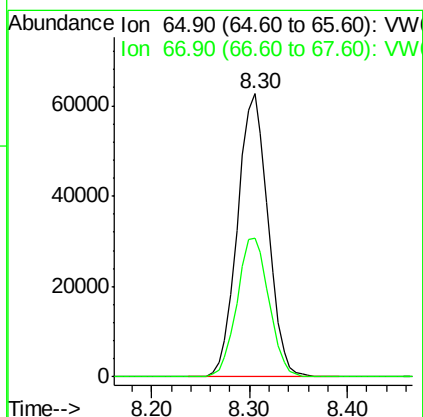
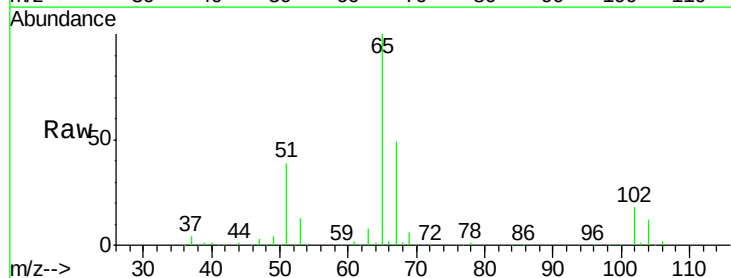
Instrument :
MSVOA_W
ClientSampleId :
BERGEN-SP-1RE

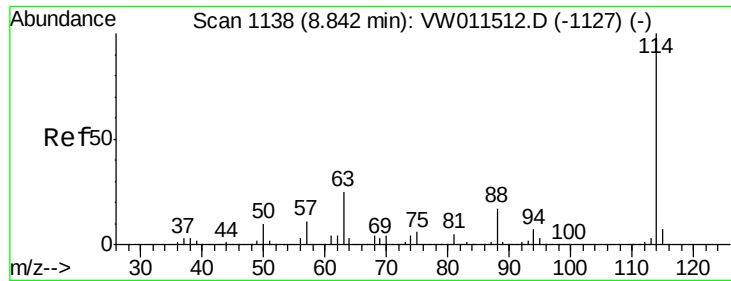
Tot Ion: 42 Resp: 7028
Ion Ratio Lower Upper
42 100
72 33.6 27.1 40.7
71 30.8 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 59.597 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

Tgt Ion: 65 Resp: 136152
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2

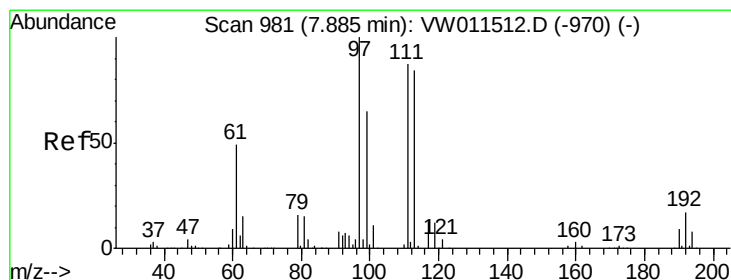
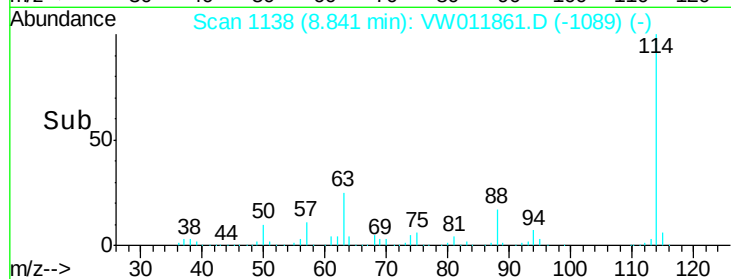
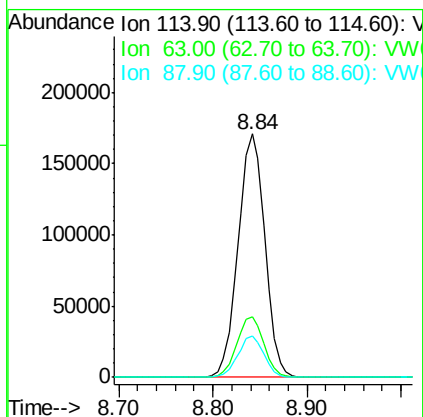
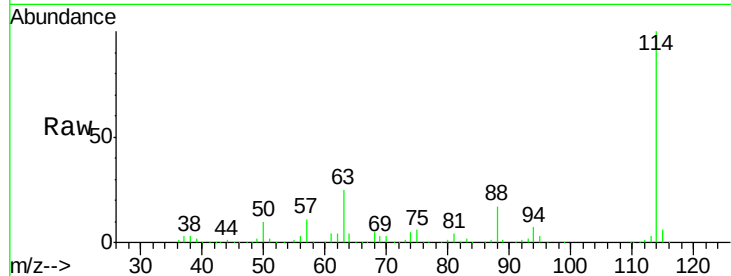




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

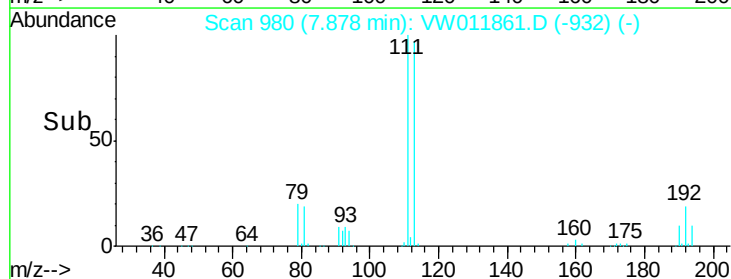
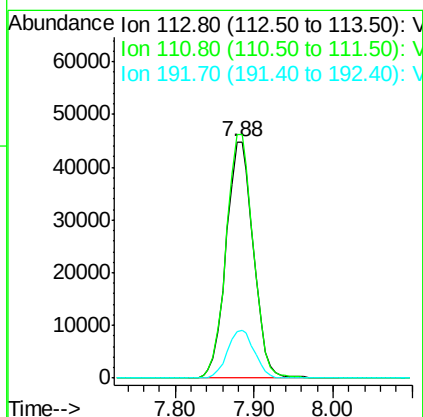
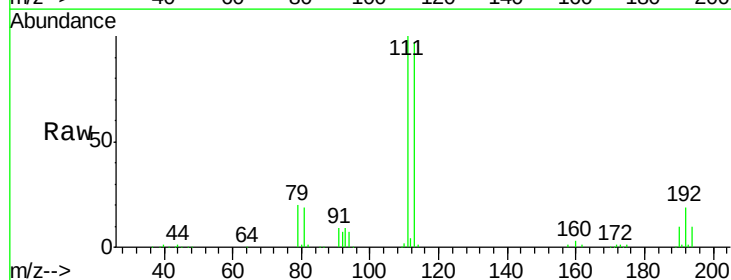
Instrument :
MSVOA_W
ClientSampleId :
BERGEN-SP-1RE

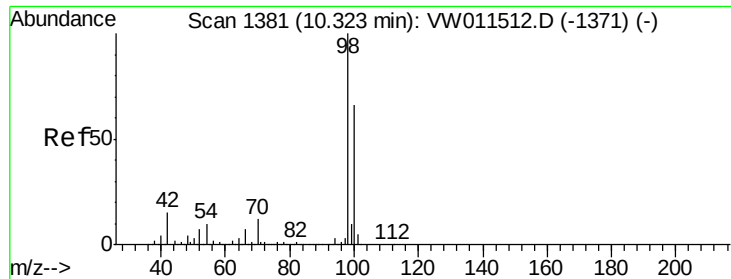
Tot Ion:114 Resp: 338297
Ion Ratio Lower Upper
114 100
63 25.0 0.0 49.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 56.514 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

Tgt Ion:113 Resp: 107258
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 20.4 16.1 24.1





#50

Toluene-d8

Concen: 53.935 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011861.D

Acq: 12 Aug 2019 19:08

Instrument :

MSVOA_W

ClientSampleId :

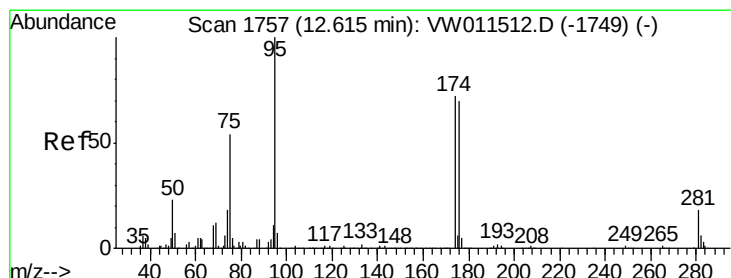
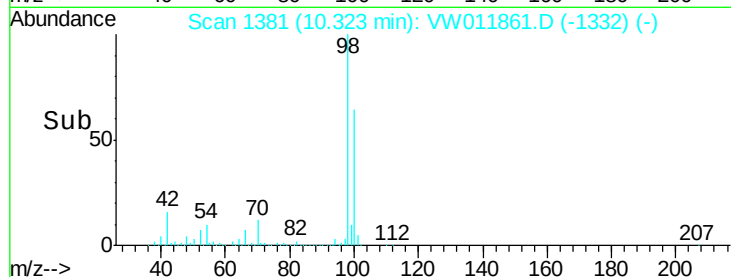
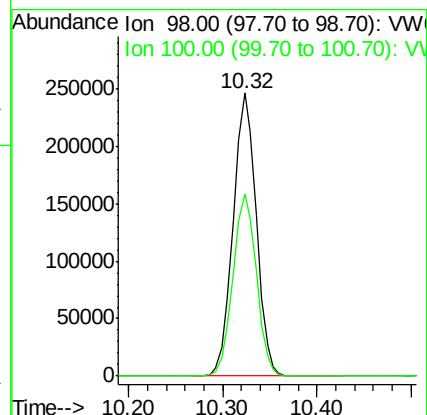
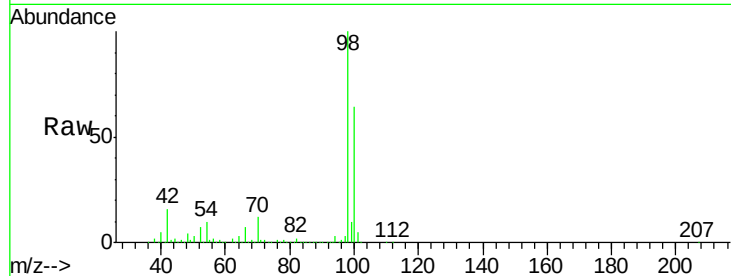
BERGEN-SP-1RE

Tot Ion: 98 Resp: 419108

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.409 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011861.D

Acq: 12 Aug 2019 19:08

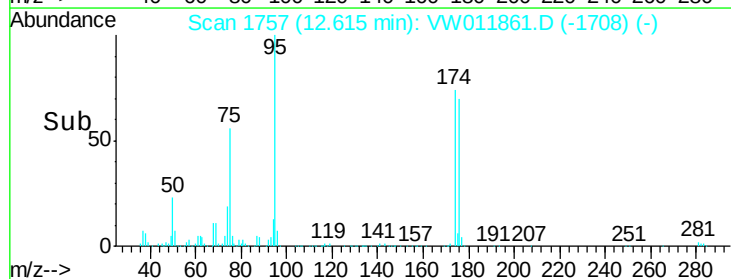
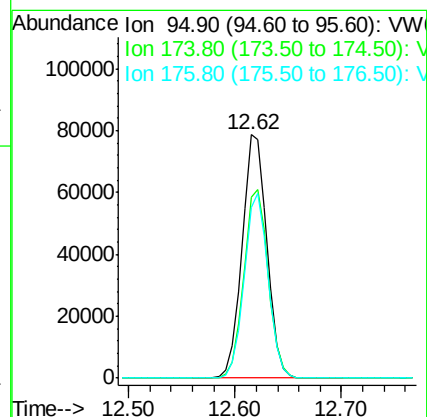
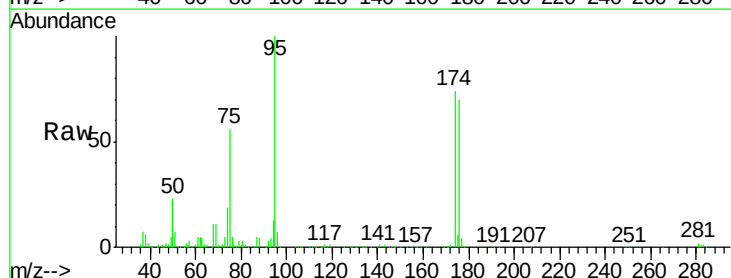
Tgt Ion: 95 Resp: 128569

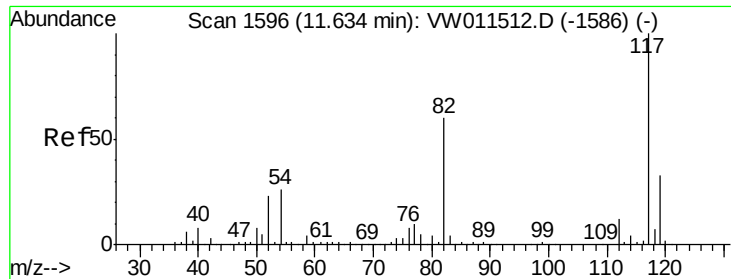
Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

176 73.3 0.0 144.4

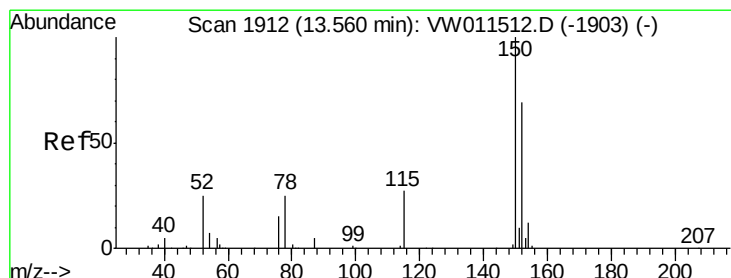
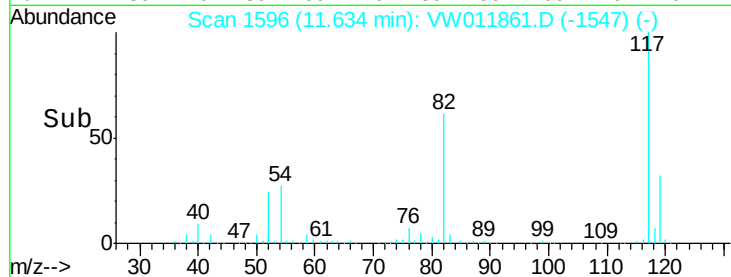
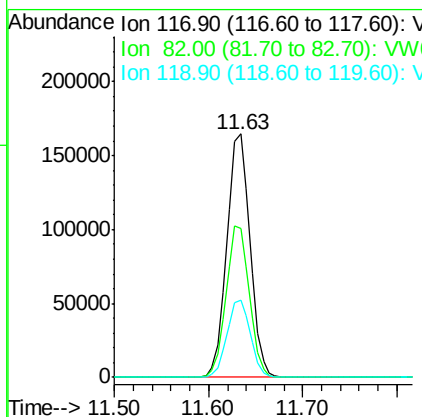
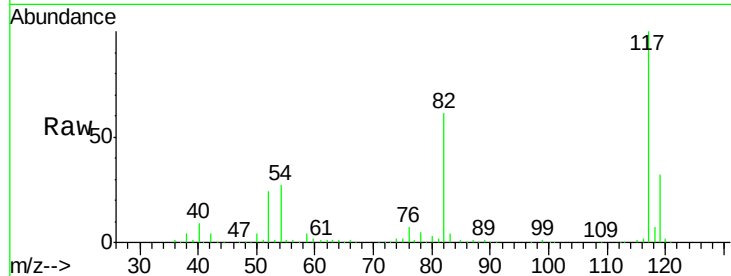




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

Instrument :
MSVOA_W
ClientSampleId :
BERGEN-SP-1RE

Tot Ion:117 Resp: 281232
Ion Ratio Lower Upper
117 100
82 61.0 47.9 71.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011861.D
Acq: 12 Aug 2019 19:08

Tgt Ion:152 Resp: 109179
Ion Ratio Lower Upper
152 100
115 61.1 30.5 91.5
150 157.6 0.0 352.6

