

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008897.D
 Acq On : 28 Feb 2019 19:36
 Operator : SY/VA
 Sample : K1655-01
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C12-1-1.0-1.5

Quant Time: Mar 01 07:49:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

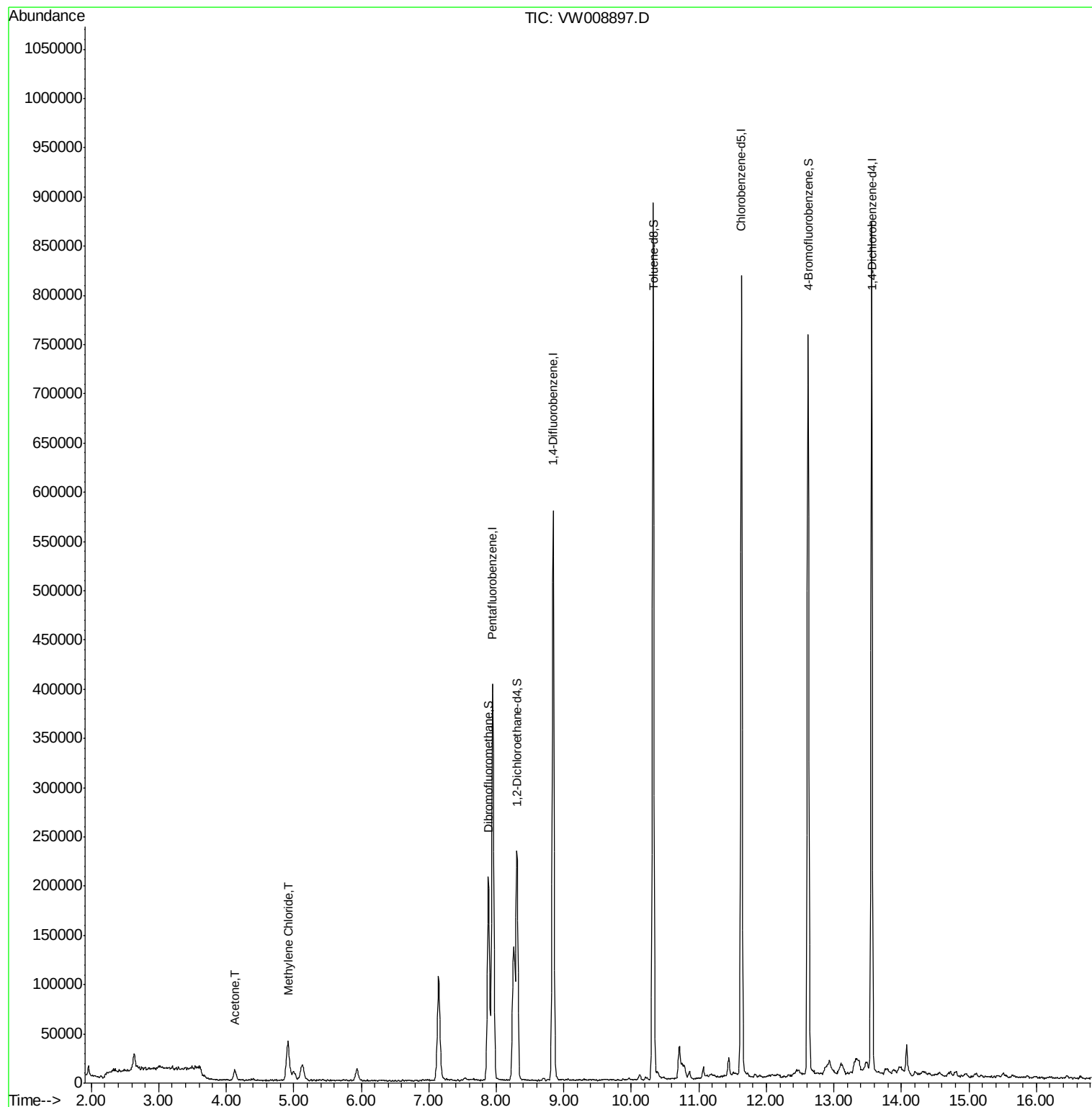
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	311412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	474478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	434772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	176528	60.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.88%	
35) Dibromofluoromethane	7.88	113	140128	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	10.32	98	569714	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.62	95	205969	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
Target Compounds						
16) Acetone	4.12	43	18879	27.886	ug/l #	85
20) Methylene Chloride	4.92	84	29965	4.317	ug/l	94

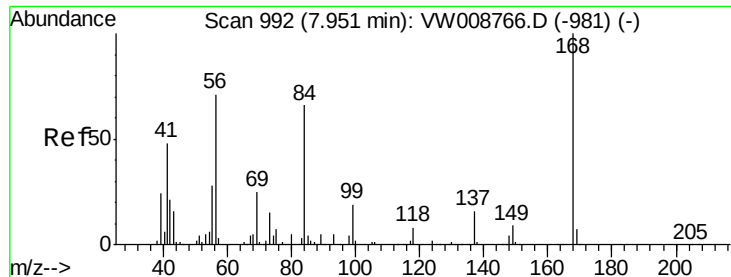
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008897.D

Acq: 28 Feb 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

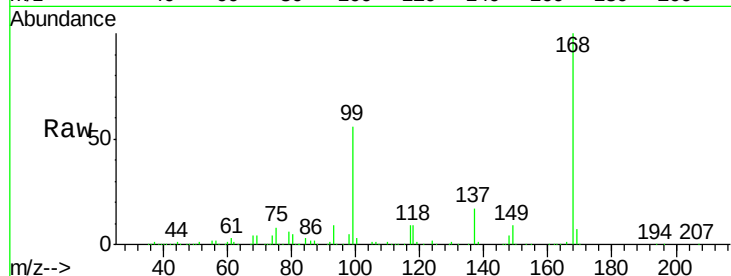
A0C12-1-1.0-1.5

Tot Ion:168 Resp: 311412

Ion Ratio Lower Upper

168 100

99 56.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

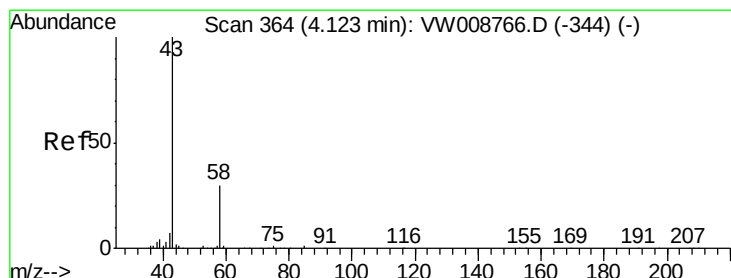
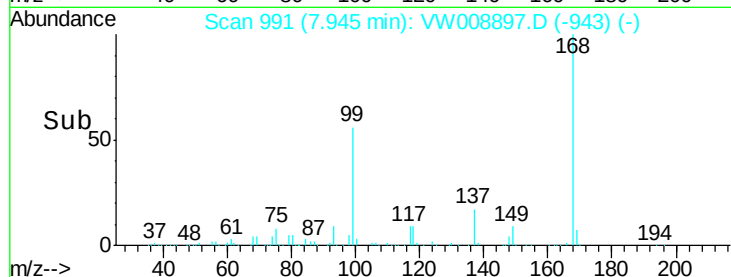
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 27.886 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW008897.D

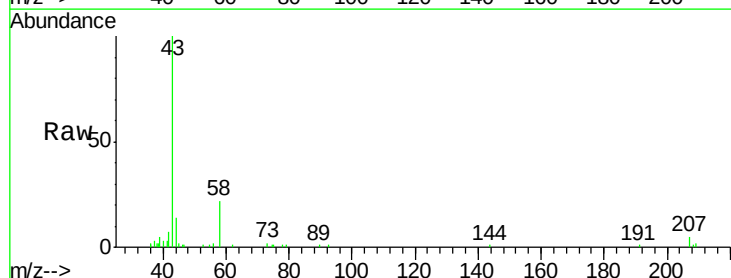
Acq: 28 Feb 2019 19:36

Tgt Ion: 43 Resp: 18879

Ion Ratio Lower Upper

43 100

58 21.7 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

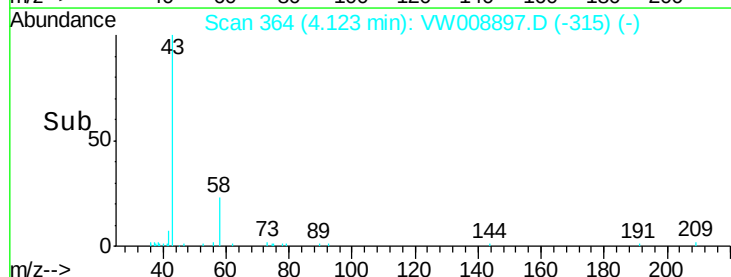
6000

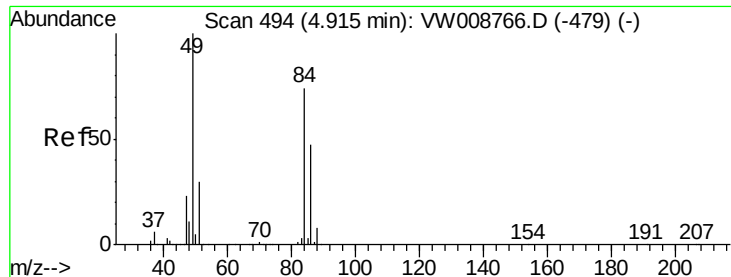
4000

2000

0

Time--> 4.00 4.10 4.20

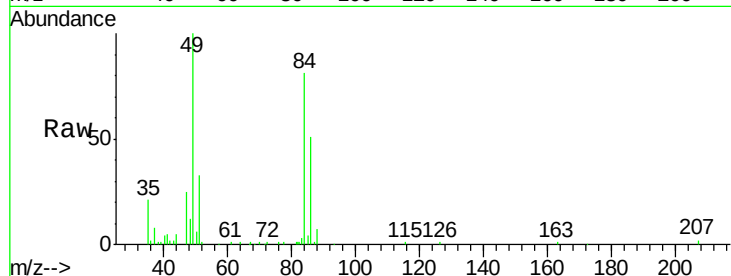




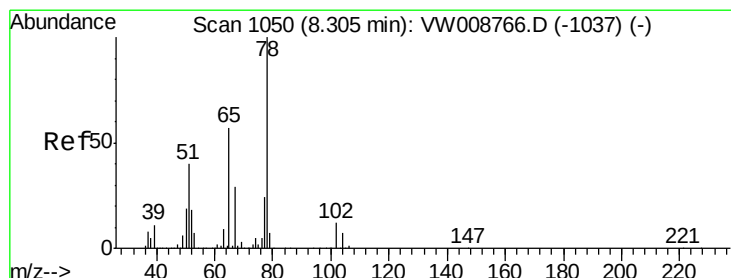
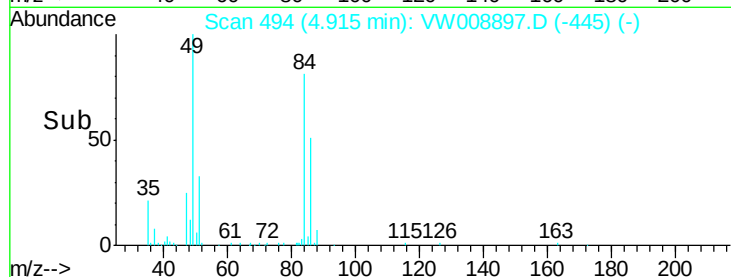
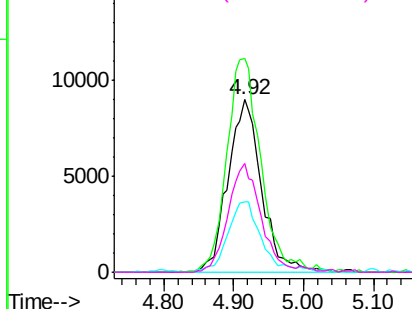
#20
Methylene Chloride
Concen: 4.317 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008897.D
Acq: 28 Feb 2019 19:36

Instrument :
MSVOA_W
ClientSampleId :
A0C12-1-1.0-1.5

Tot Ion: 84 Resp: 29965
Ion Ratio Lower Upper
84 100
49 122.9 108.2 162.2
51 40.5 32.7 49.1
86 62.8 50.3 75.5

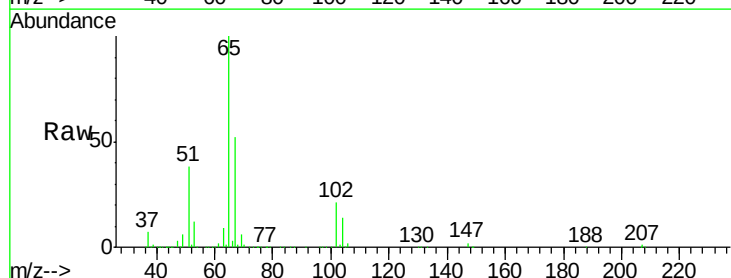


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

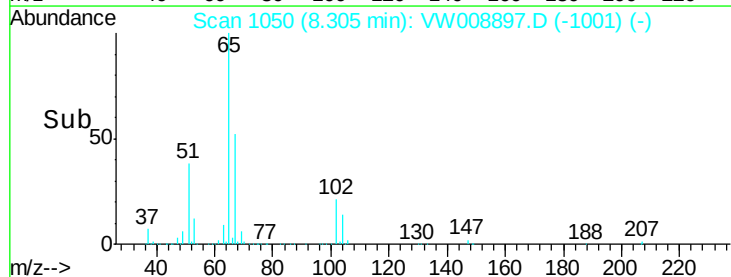
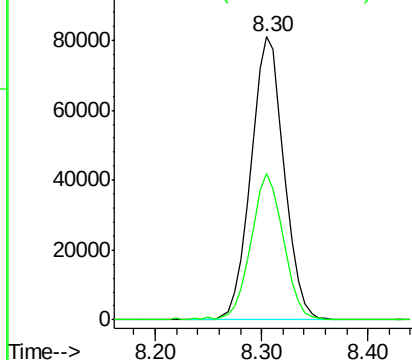


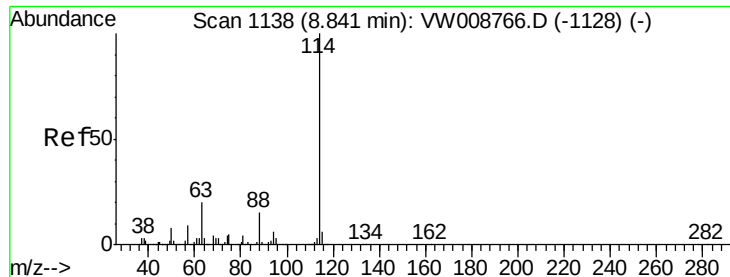
#33
1,2-Dichloroethane-d4
Concen: 60.439 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008897.D
Acq: 28 Feb 2019 19:36

Tgt Ion: 65 Resp: 176528
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

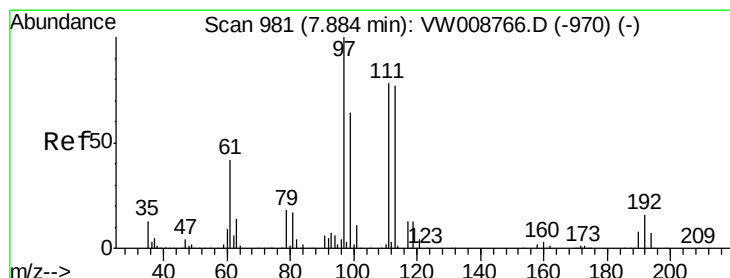
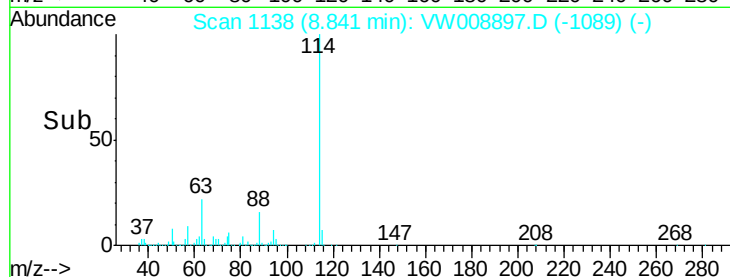
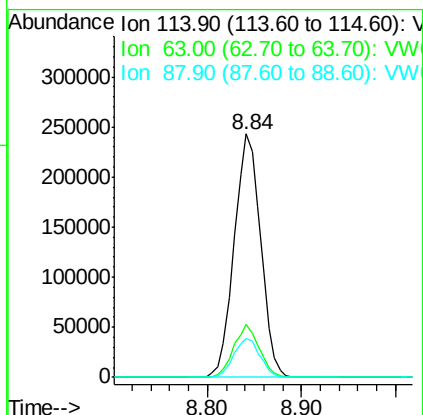
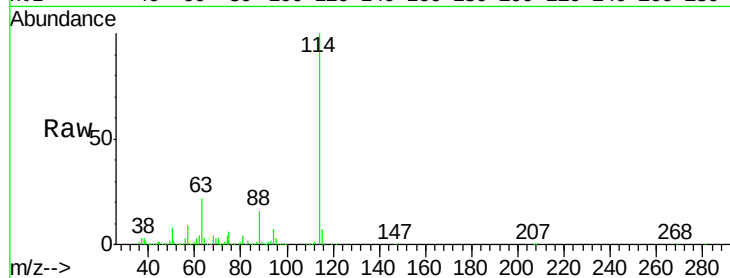




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008897.D
 Acq: 28 Feb 2019 19:36

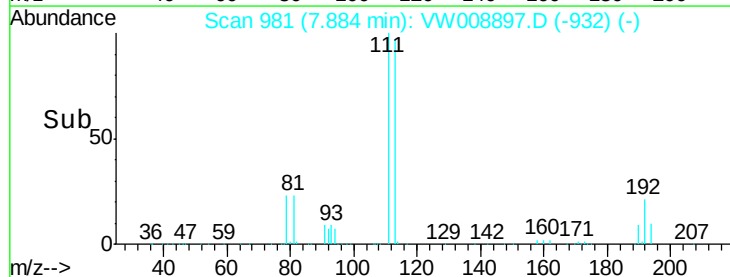
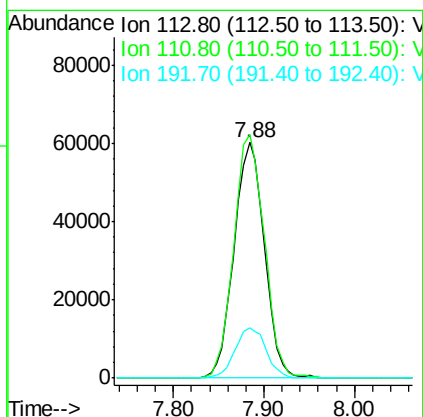
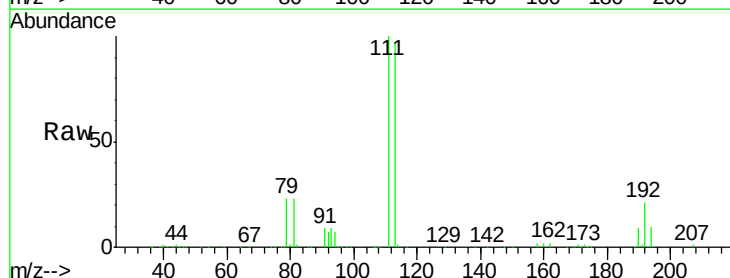
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C12-1-1.0-1.5

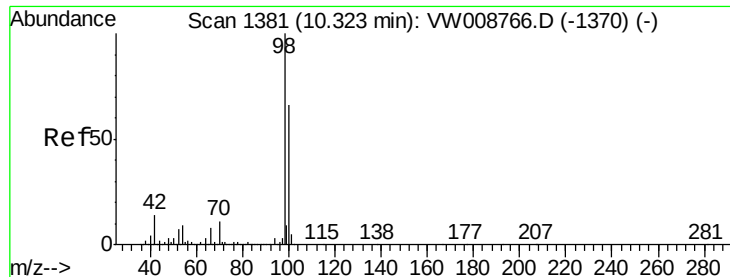
Tot Ion:114 Resp: 474478
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.8
 88 15.8 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 49.188 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008897.D
 Acq: 28 Feb 2019 19:36

Tgt Ion:113 Resp: 140128
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.9 122.9
 192 21.8 17.1 25.7





#50

Toluene-d8

Concen: 51.805 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008897.D

Acq: 28 Feb 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

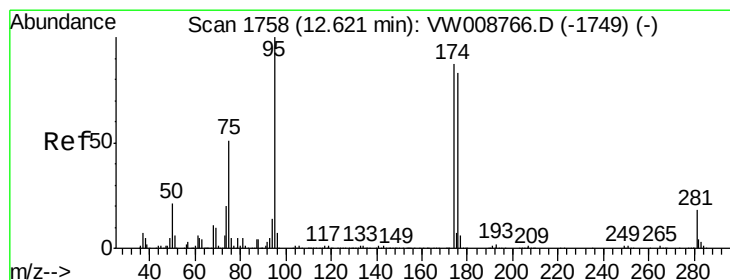
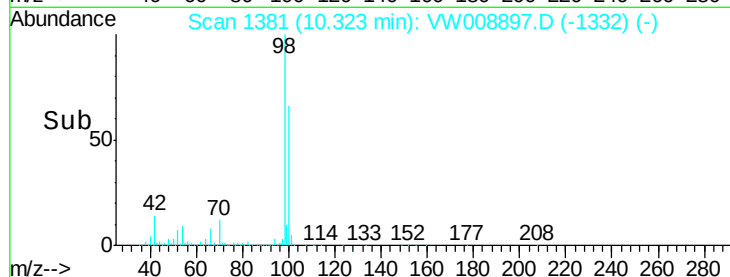
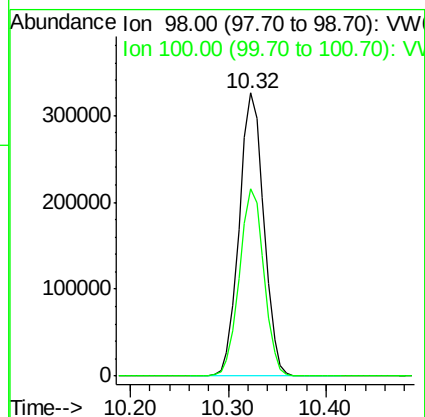
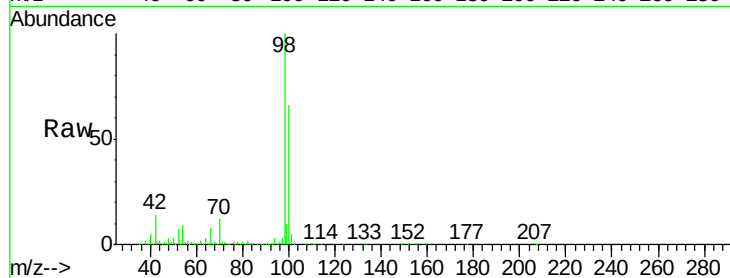
A0C12-1-1.0-1.5

Tot Ion: 98 Resp: 569714

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.834 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008897.D

Acq: 28 Feb 2019 19:36

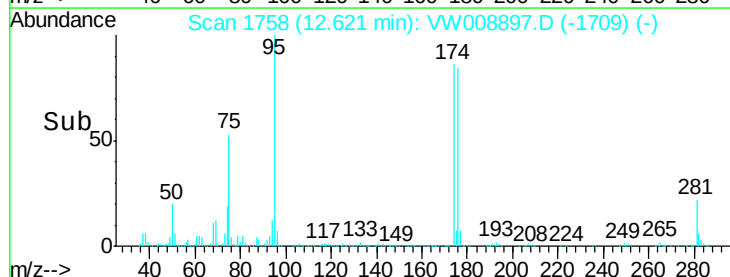
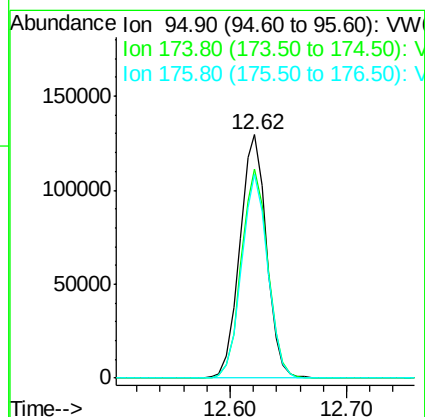
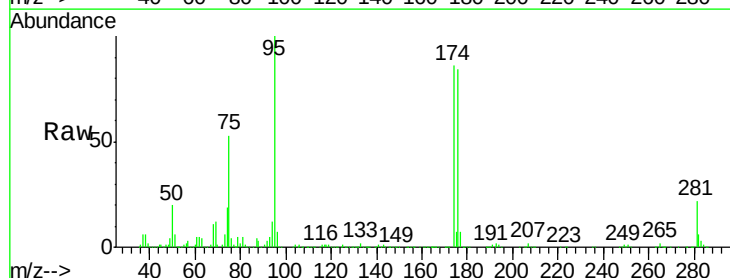
Tgt Ion: 95 Resp: 205969

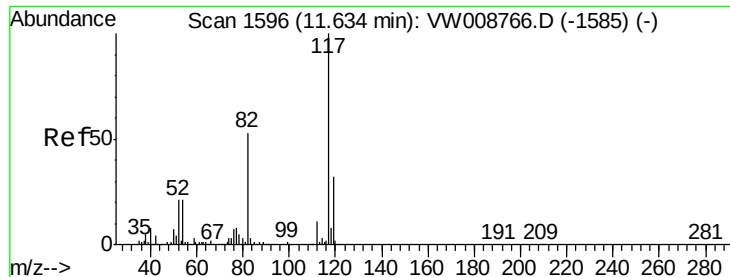
Ion Ratio Lower Upper

95 100

174 85.9 0.0 169.2

176 82.7 0.0 163.6

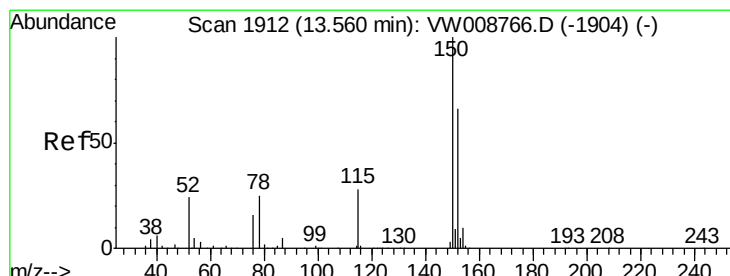
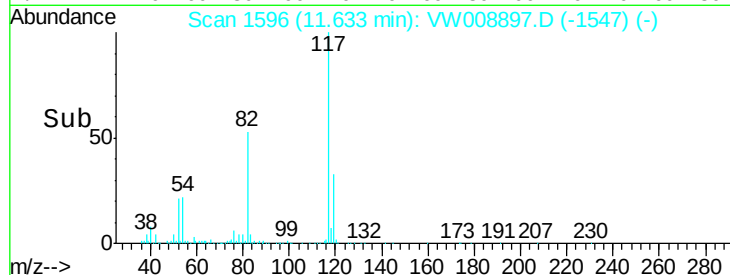
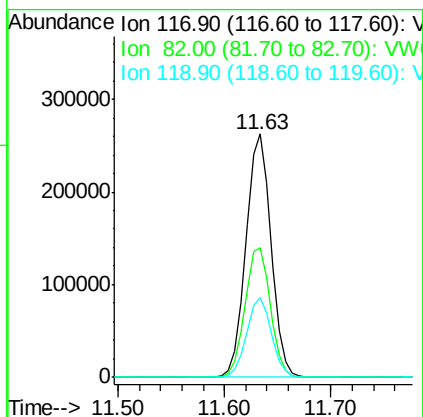
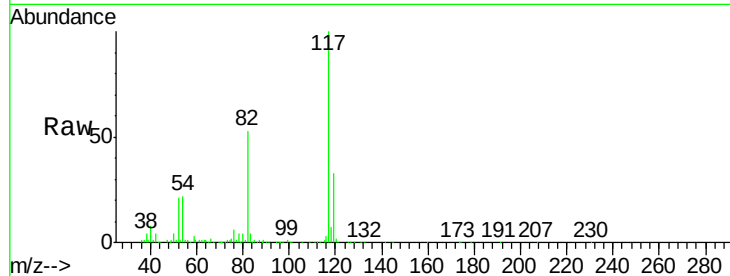




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008897.D
Acq: 28 Feb 2019 19:36

Instrument :
MSVOA_W
ClientSampleId :
A0C12-1-1.0-1.5

Tot Ion:117 Resp: 434772
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.4
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008897.D
Acq: 28 Feb 2019 19:36

Tgt Ion:152 Resp: 216830
Ion Ratio Lower Upper
152 100
115 56.8 28.6 85.8
150 156.4 0.0 348.0

