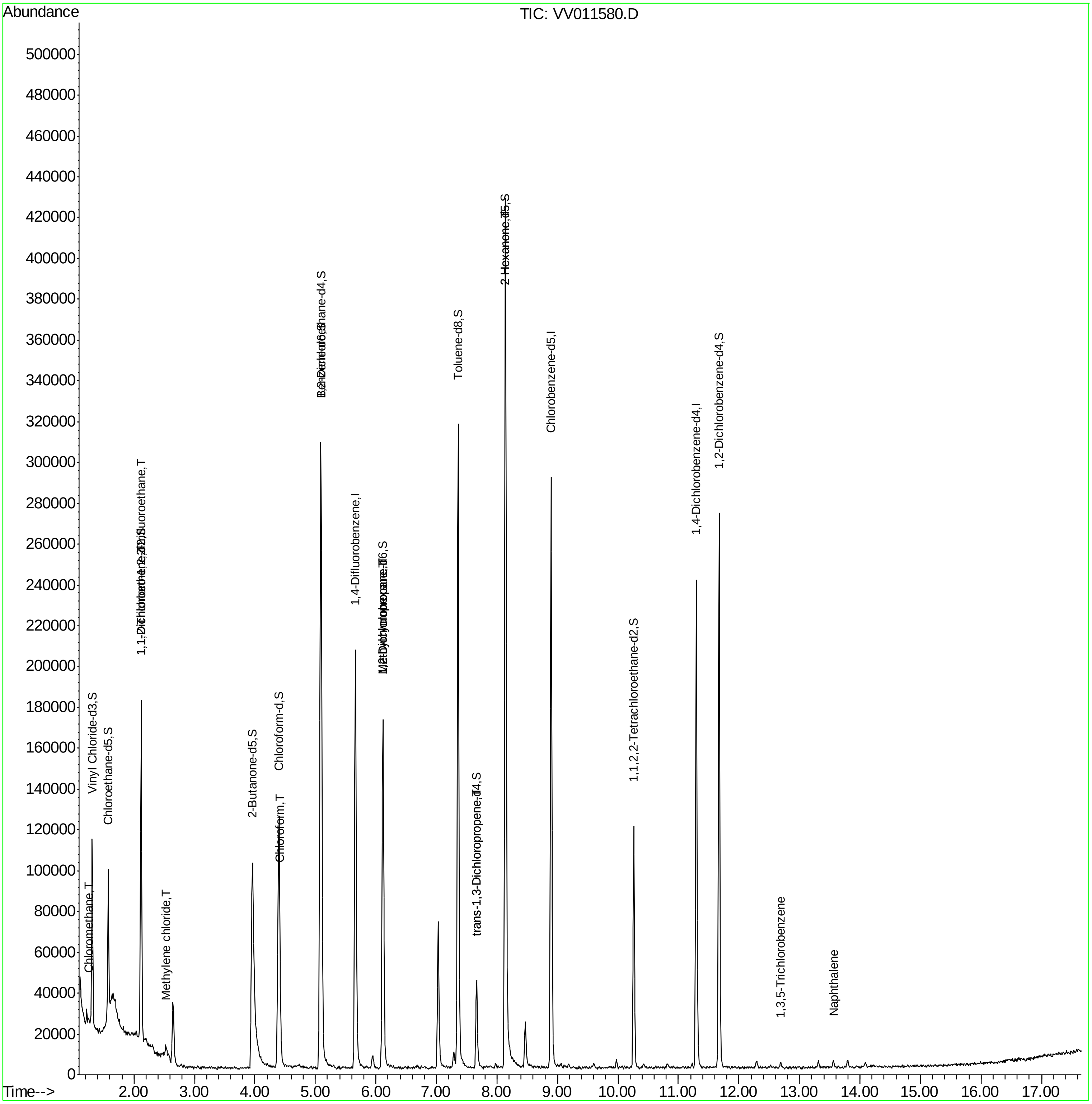
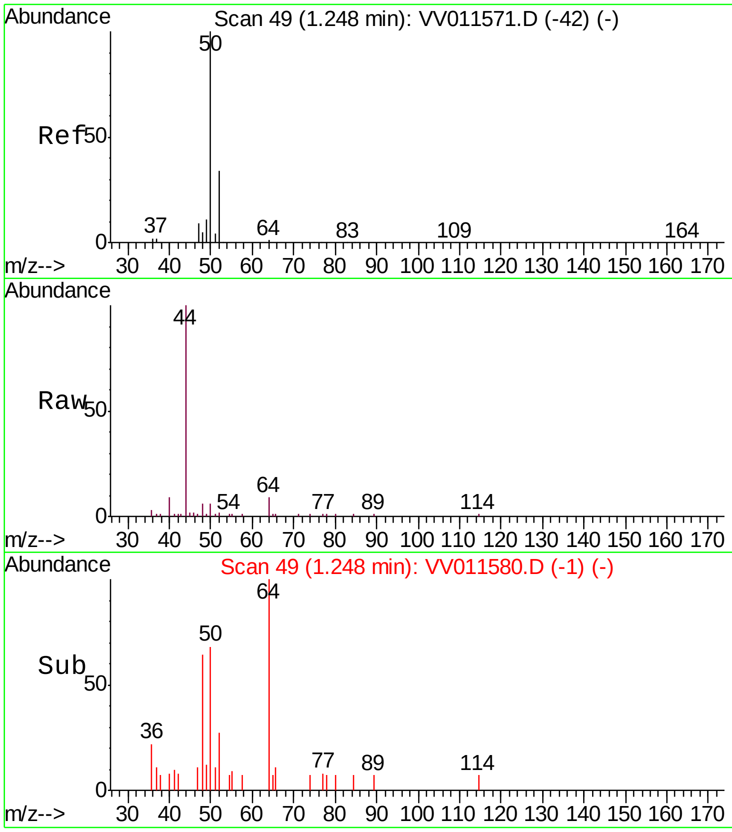
```
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\
                            Quantitation Report    (Not Reviewed)
Data File : VV011580.D
Acq On    : 18 Jun 2019  17:44
Operator  : SY/MD
Sample    : K3324-05
Misc      : 25ML/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Jun 19 02:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title  : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

 Internal Standards                R.T. QIon  Response  Conc Units Dev(Min)
---------------------------------------------------------------------------
   1) 1,4-Difluorobenzene          5.66  114   161422     5.00 ug/L    0.00
  28) Chlorobenzene-d5             8.89  117   145829     5.00 ug/L    0.00
  60) 1,4-Dichlorobenzene-d4      11.30  152    56597     5.00 ug/L    0.00

 System Monitoring Compounds
   4) Vinyl Chloride-d3            1.31   65    54787     4.50 ug/L    0.00
   Spiked Amount      5.000   Range  40 - 130    Recovery   =   90.00%
   7) Chloroethane-d5              1.58   69    40609     5.26 ug/L    0.00
   Spiked Amount      5.000   Range  65 - 130    Recovery   =  105.20%
  11) 1,1-Dichloroethene-d2        2.12   63    86433     3.72 ug/L    0.00
   Spiked Amount      5.000   Range  60 - 125    Recovery   =   74.40%
  20) 2-Butanone-d5                3.96   46   194735    56.78 ug/L    0.00
   Spiked Amount     50.000   Range  40 - 130    Recovery   =  113.56%
  24) Chloroform-d                 4.40   84   119935     5.12 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 125    Recovery   =  102.40%
  26) 1,2-Dichloroethane-d4        5.08   65    72933     5.63 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 130    Recovery   =  112.60%
  32) Benzene-d6                   5.09   84   239615     5.51 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 125    Recovery   =  110.20%
  36) 1,2-Dichloropropane-d6       6.12   67    75727     5.48 ug/L    0.00
   Spiked Amount      5.000   Range  60 - 140    Recovery   =  109.60%
  41) Toluene-d8                   7.36   98   200847     5.18 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 130    Recovery   =  103.60%
  43) trans-1,3-Dichloropropene-   7.67   79    23126     5.03 ug/L    0.00
   Spiked Amount      5.000   Range  55 - 130    Recovery   =  100.60%
  46) 2-Hexanone-d5                8.14   63   146843    55.37 ug/L    0.00
   Spiked Amount     50.000   Range  45 - 130    Recovery   =  110.74%
  57) 1,1,2,2-Tetrachloroethane-  10.26   84    52650     5.08 ug/L    0.00
   Spiked Amount      5.000   Range  65 - 120    Recovery   =  101.60%
  64) 1,2-Dichlorobenzene-d4      11.67  152    65315     5.78 ug/L    0.00
   Spiked Amount      5.000   Range  80 - 120    Recovery   =  115.60%

 Target Compounds                                                 Qvalue
   3) Chloromethane                1.25   50     1297     0.083 ug/L      87
  10) 1,1,2-Trichloro-1,2,2-trif   2.12  101      869     0.090 ug/L #    21
  12) 1,1-Dichloroethene           2.12   96     1051     0.105 ug/L #     1
  16) Methylene chloride           2.53   84     1703     0.149 ug/L      98
  25) Chloroform                   4.42   83     2636     0.112 ug/L      91
  35) Methylcyclohexane            6.12   83    19045     1.100 ug/L #    15
  37) 1,2-Dichloropropane          6.11   63     9515     0.750 ug/L #    87
  44) trans-1,3-Dichloropropene    7.66   75     1115     0.091 ug/L      84
  48) 2-Hexanone                   8.14   43    20272     3.191 ug/L #    71
  67) 1,3,5-Trichlorobenzene      12.69  180      674     0.050 ug/L #    85
  69) Naphthalene                 13.56  128     2142     0.101 ug/L #    74
---------------------------------------------------------------------------

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

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

```
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\
                            Quantitation Report    (Not Reviewed)
Data File : VV011580.D
Acq On    : 18 Jun 2019  17:44
Operator  : SY/MD
Sample    : K3324-05
Misc      : 25ML/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Jun 19 02:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title  : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration
```

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01



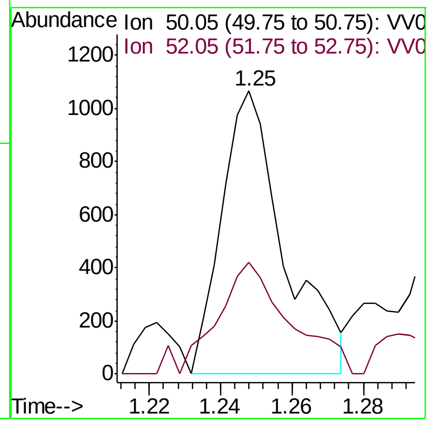


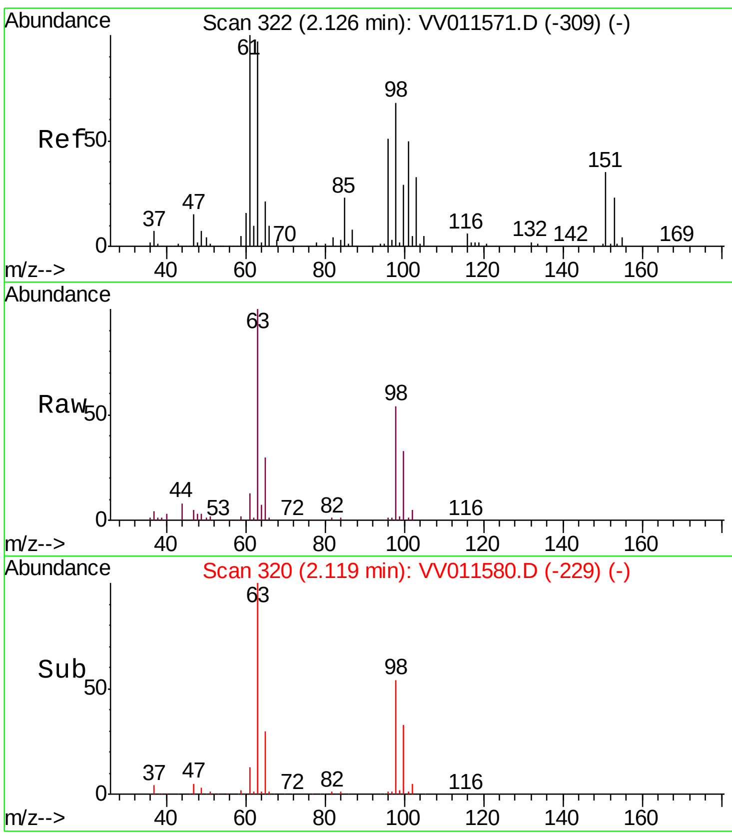
#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011580.D
Acq: 18 Jun 2019 17:44

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 50 Resp: 1297

Ion	Ratio	Lower	Upper
50	100		
52	39.7	22.7	42.1

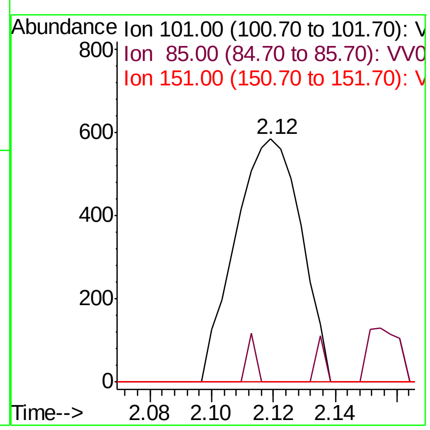


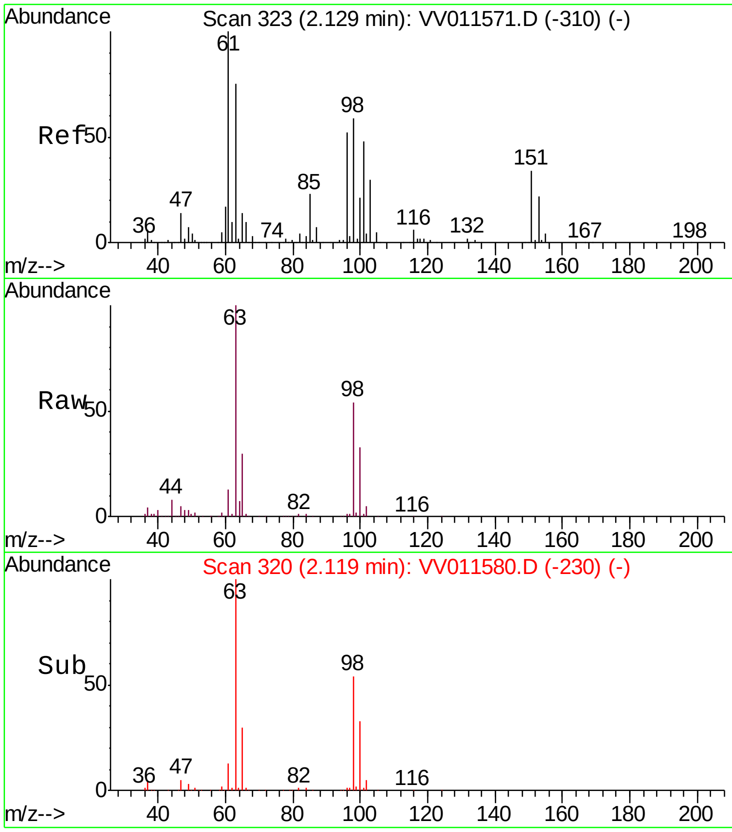


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV011580.D
Acq: 18 Jun 2019 17:44

Tgt Ion:101 Resp: 869

Ion	Ratio	Lower	Upper
101	100		
85	2.6	37.3	55.9#
151	0.0	59.4	89.2#



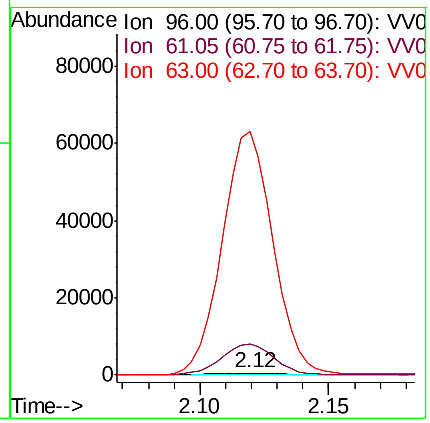


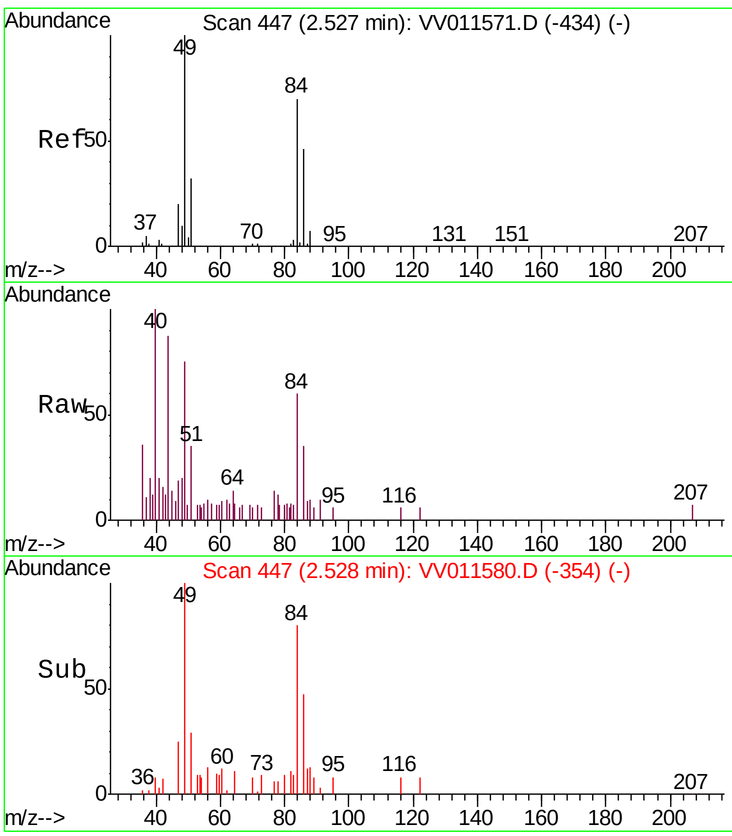
#12
1,1-Dichloroethene
Concen: 0.105 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV011580.D
Acq: 18 Jun 2019 17:44

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 1051

Ion	Ratio	Lower	Upper
96	100		
61	1482.6	135.9	252.5#
63	11564.0	86.2	160.2#

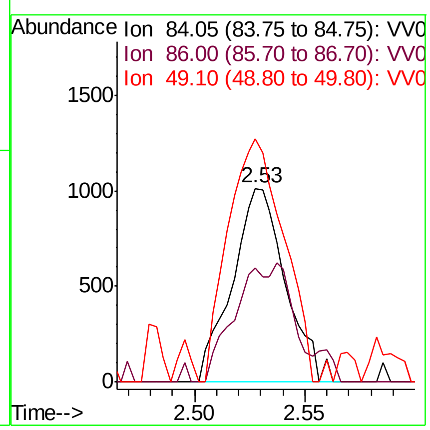


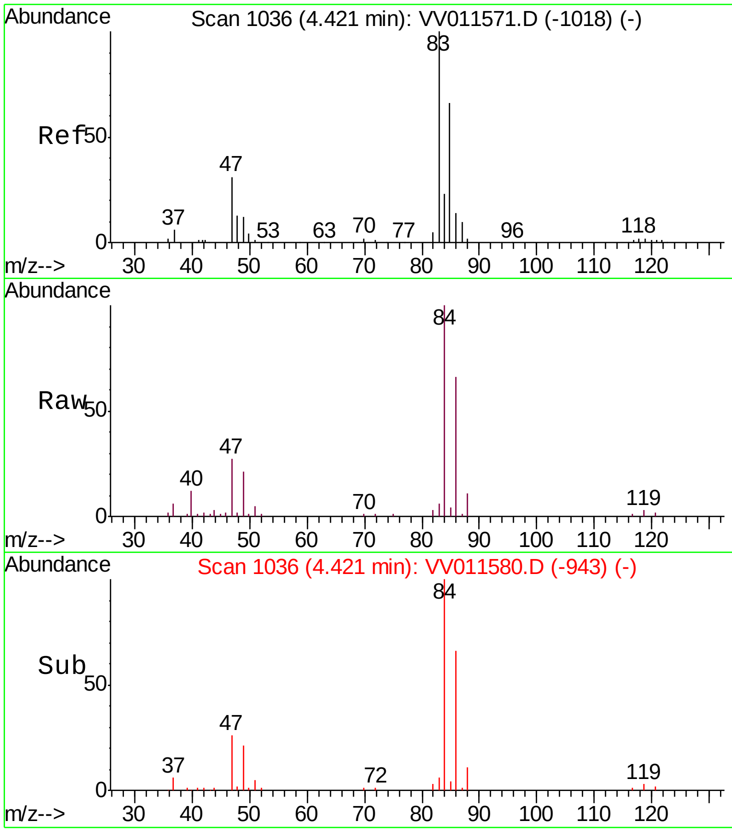


#16
Methylene chloride
Concen: 0.149 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011580.D
Acq: 18 Jun 2019 17:44

Tgt Ion: 84 Resp: 1703

Ion	Ratio	Lower	Upper
84	100		
86	58.9	42.5	78.9
49	137.5	97.7	181.5



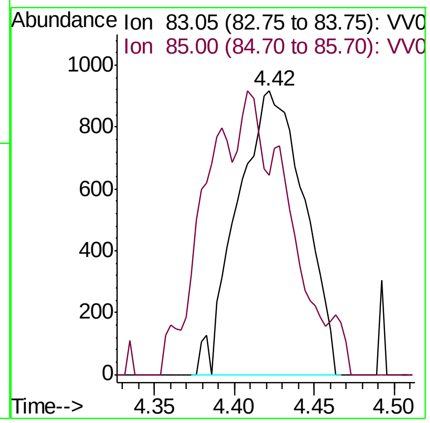


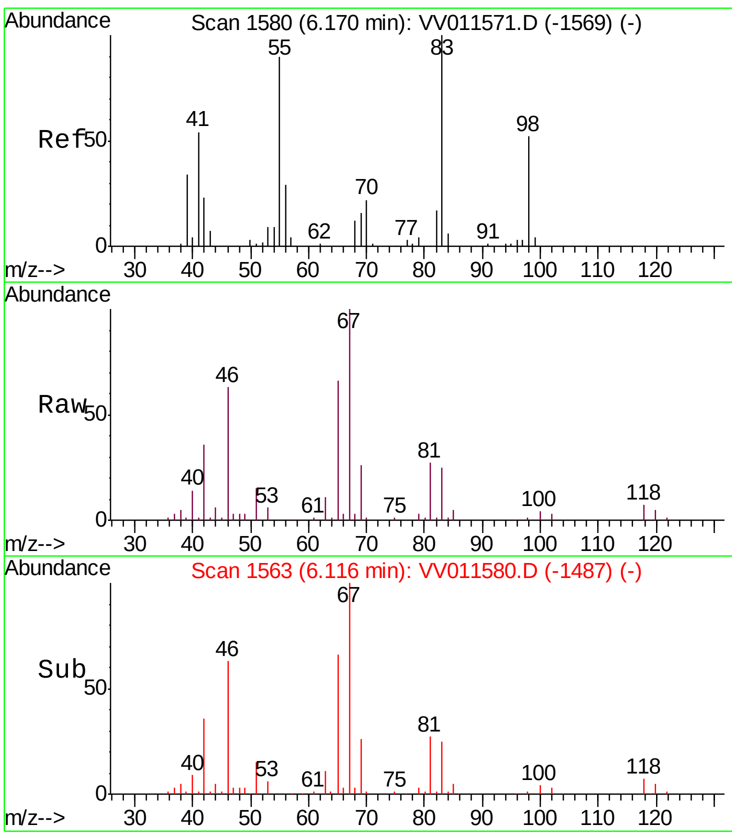
#25
Chloroform
Concen: 0.112 ug/L
RT: 4.42 min   Scan# 1036
Delta R.T.   0.00 min
Lab File: VV011580.D
Acq: 18 Jun 2019   17:44

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 83 Resp: 2636

Ion	Ratio	Lower	Upper
83	100		
85	70.4	44.6	82.8

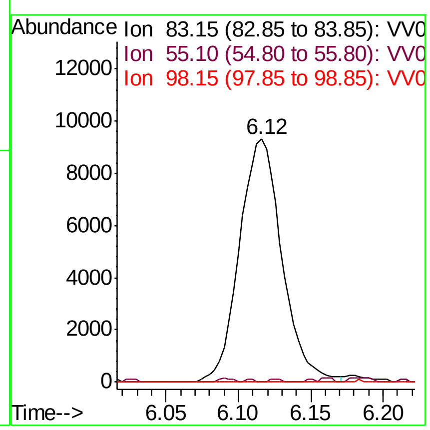


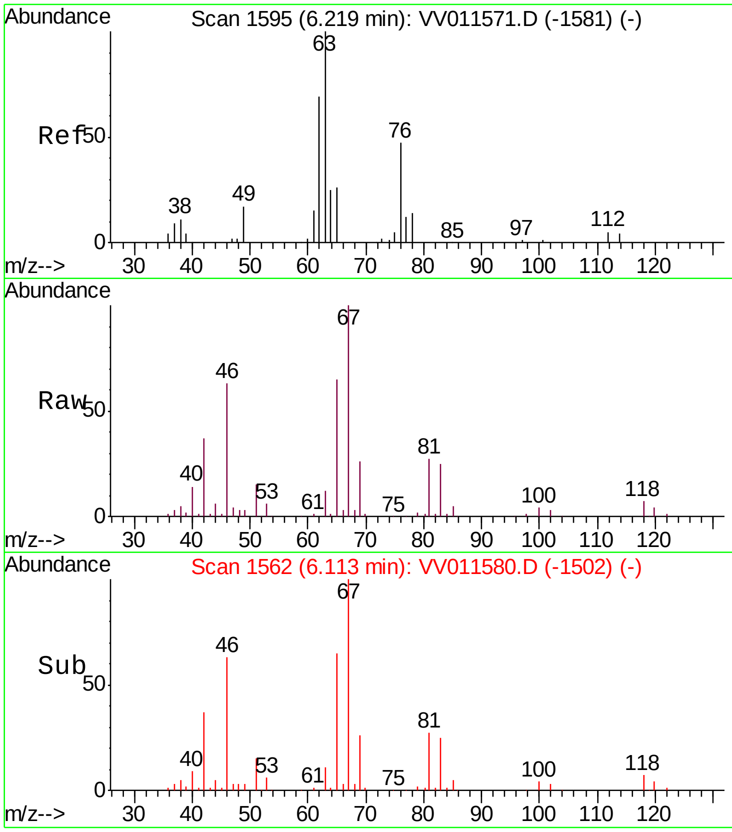


#35
Methylcyclohexane
Concen: 1.100 ug/L
RT: 6.12 min   Scan# 1563
Delta R.T.   -0.05 min
Lab File: VV011580.D
Acq: 18 Jun 2019   17:44

Tgt Ion: 83 Resp: 19045

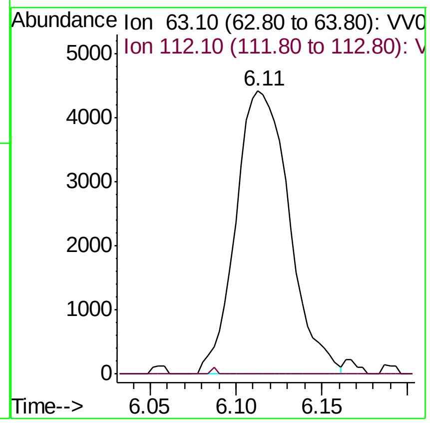
Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.9	101.9#
98	0.0	39.6	59.4#

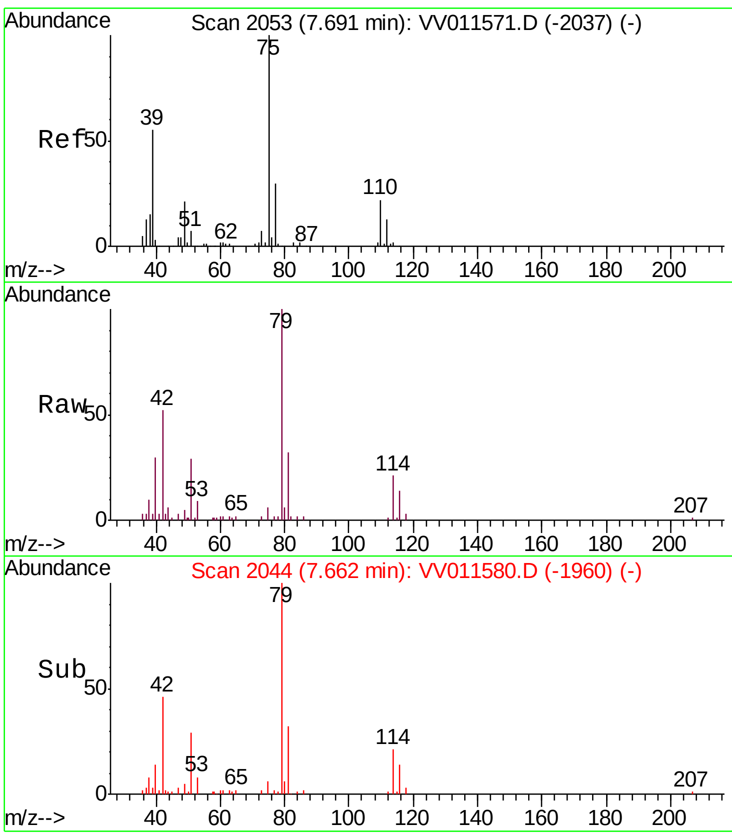




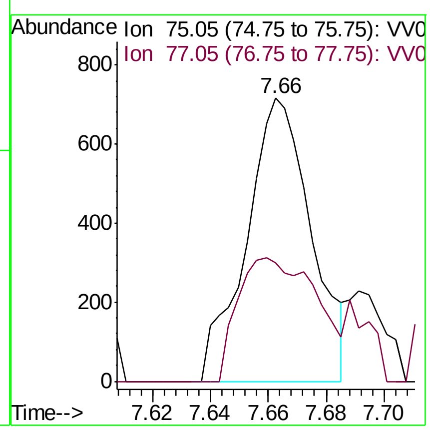

```
#37
1,2-Dichloropropane
Concen:     0.750 ug/L
RT: 6.11 min  Scan# 1562
Delta R.T.    -0.11 min
Lab File:   VV011580.D
Acq: 18 Jun 2019  17:44

Tgt Ion: 63 Resp:    9515
Ion  Ratio  Lower  Upper
 63  100
112    0.2    3.7    5.5#
```

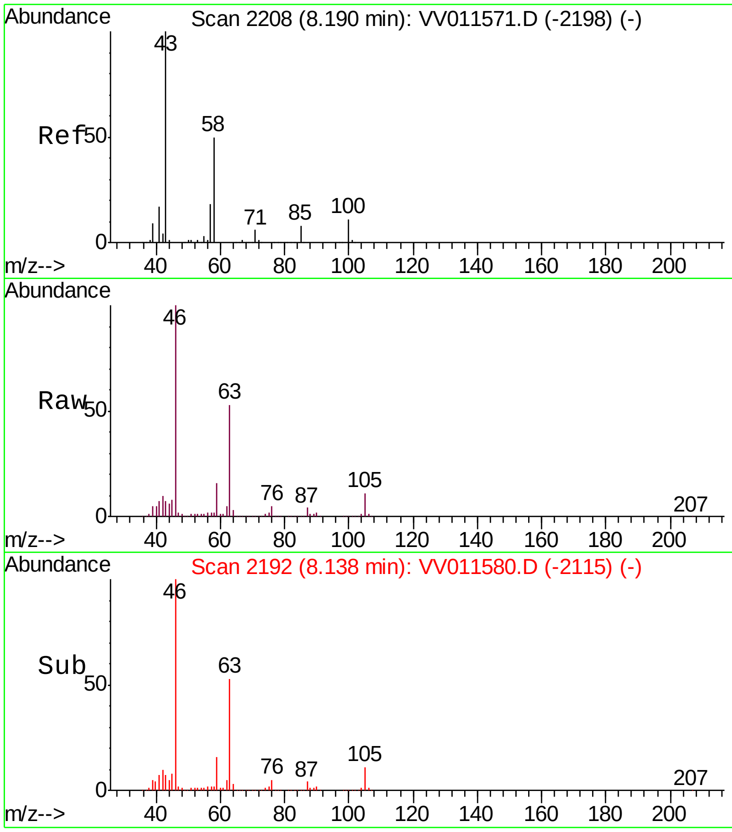
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01






```
#44
trans-1,3-Dichloropropene
Concen:     0.091 ug/L
RT: 7.66 min  Scan# 2044
Delta R.T.    -0.03 min
Lab File:   VV011580.D
Acq: 18 Jun 2019  17:44

Tgt Ion: 75 Resp:    1115
Ion  Ratio  Lower  Upper
 75  100
 77   41.6   22.8   42.4
```



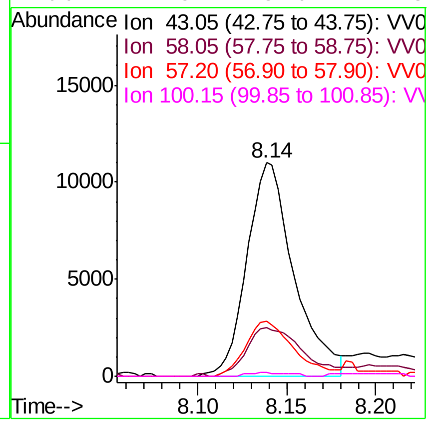


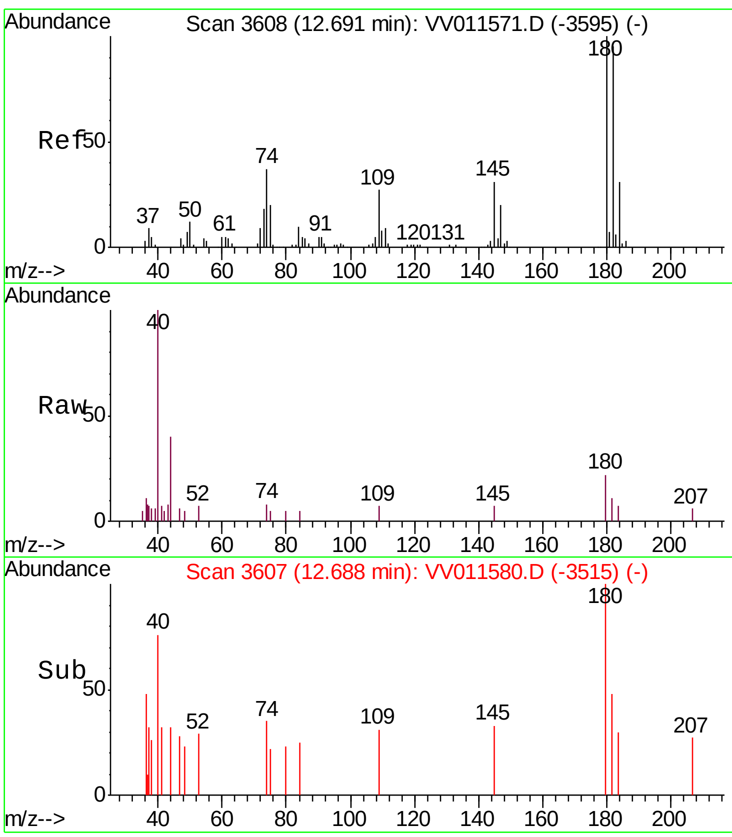
#48
2-Hexanone
Concen: 3.191 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011580.D
Acq: 18 Jun 2019 17:44

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 20272

Ion	Ratio	Lower	Upper
43	100		
58	26.9	40.6	60.8#
57	26.1	14.2	21.4#
100	1.5	8.6	12.8#

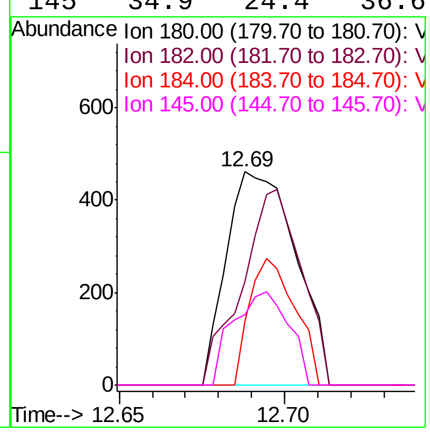


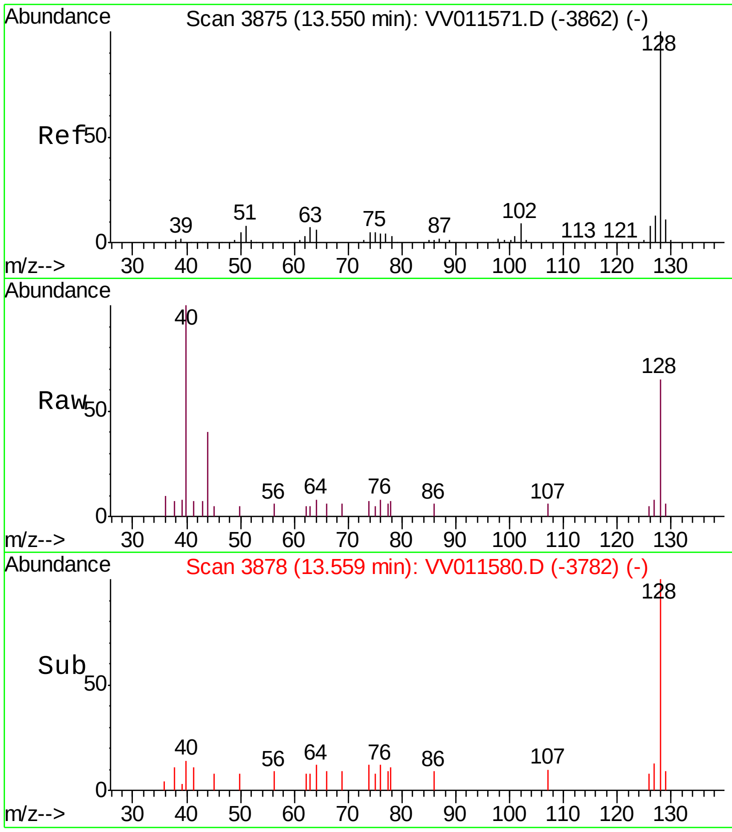


#67
1,3,5-Trichlorobenzene
Concen: 0.050 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VV011580.D
Acq: 18 Jun 2019 17:44

Tgt Ion:180 Resp: 674

Ion	Ratio	Lower	Upper
180	100		
182	78.3	75.4	113.0
184	38.9	24.0	36.0#
145	34.9	24.4	36.6





#69
Naphthalene
Concen: 0.101 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV011580.D
Acq: 18 Jun 2019 17:44

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion:128 Resp: 2142

Ion	Ratio	Lower	Upper
128	100		
129	4.4	8.7	13.1#
127	0.0	10.9	16.3#