```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110222\
Data File : VV028833.D
Acq On    : 02 Nov 2022  11:55
Operator  : SY/MD
Sample    : N5353-17
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Nov 03 03:29:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title  : VOC Analysis
QLast Update : Wed Nov 02 05:10:28 2022
Response via : Initial Calibration
```

Instrument : MSVOA_V
ClientSampleId : DBWX2

```
       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
   1) 1,4-Difluorobenzene         5.613  114   363881    50.000 ug/L     0.00
  28) Chlorobenzene-d5            8.847  117   330949    50.000 ug/L     0.00
  58) 1,4-Dichlorobenzene-d4     11.243  152   142980    50.000 ug/L     0.00

 System Monitoring Compounds
   4) Vinyl Chloride-d3           1.304   65   152875    44.318 ug/L    0.00
   Spiked Amount     50.000   Range  60 - 135    Recovery    =   88.640%
   7) Chloroethane-d5             1.565   69   135760    46.039 ug/L    0.00
   Spiked Amount     50.000   Range  70 - 130    Recovery    =   92.080%
  11) 1,1-Dichloroethene-d2       2.105   63   235523    35.893 ug/L    0.00
   Spiked Amount     50.000   Range  60 - 125    Recovery    =   71.780%
  21) 2-Butanone-d5               3.867   46   251365   100.105 ug/L    0.00
   Spiked Amount    100.000   Range  40 - 130    Recovery    =  100.100%
  24) Chloroform-d                4.343   84   254992    49.012 ug/L    0.00
   Spiked Amount     50.000   Range  70 - 125    Recovery    =   98.020%
  26) 1,2-Dichloroethane-d4       5.027   65   178329    51.828 ug/L    0.00
   Spiked Amount     50.000   Range  70 - 125    Recovery    =  103.660%
  32) Benzene-d6                  5.043   84   525764    50.890 ug/L    0.00
   Spiked Amount     50.000   Range  70 - 125    Recovery    =  101.780%
  36) 1,2-Dichloropropane-d6      6.063   67   185694    52.353 ug/L    0.00
   Spiked Amount     50.000   Range  70 - 120    Recovery    =  104.700%
  41) Toluene-d8                  7.310   98   436128    48.018 ug/L    0.00
   Spiked Amount     50.000   Range  80 - 120    Recovery    =   96.040%
  43) trans-1,3-Dichloroprop...   7.616   79    62972    46.225 ug/L    0.00
   Spiked Amount     50.000   Range  60 - 125    Recovery    =   92.460%
  47) 2-Hexanone-d5               8.082   63   152448    95.108 ug/L    0.00
   Spiked Amount    100.000   Range  45 - 130    Recovery    =   95.110%
  56) 1,1,2,2-Tetrachloroeth...  10.207   84   236630    50.593 ug/L    0.00
   Spiked Amount     50.000   Range  65 - 120    Recovery    =  101.180%
  66) 1,2-Dichlorobenzene-d4     11.616  152   146863    52.037 ug/L    0.00
   Spiked Amount     50.000   Range  80 - 120    Recovery    =  104.080%

 Target Compounds                                                 Qvalue
   5) Vinyl chloride              1.311   62    24760     6.052 ug/L #     81
   8) Chloroethane                1.311   64     8805     3.352 ug/L       95
  10) 1,1,2-Trichloro-1,2,2-...   2.105  101     2037     0.739 ug/L #     28
  12) 1,1-Dichloroethene          2.114   96     7198     2.652 ug/L #      1
  17) trans-1,2-Dichloroethene    2.761   96    12415     4.729 ug/L       95
  20) cis-1,2-Dichloroethene      3.905   96   117977    40.730 ug/L #    100
  34) Trichloroethene             5.908   95   356066   130.682 ug/L       98
  35) Methylcyclohexane           6.066   83    39432     8.160 ug/L #     15
  46) Tetrachloroethene           7.973  164    25385    13.443 ug/L       97
 --------------------------------------------------------------------------

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

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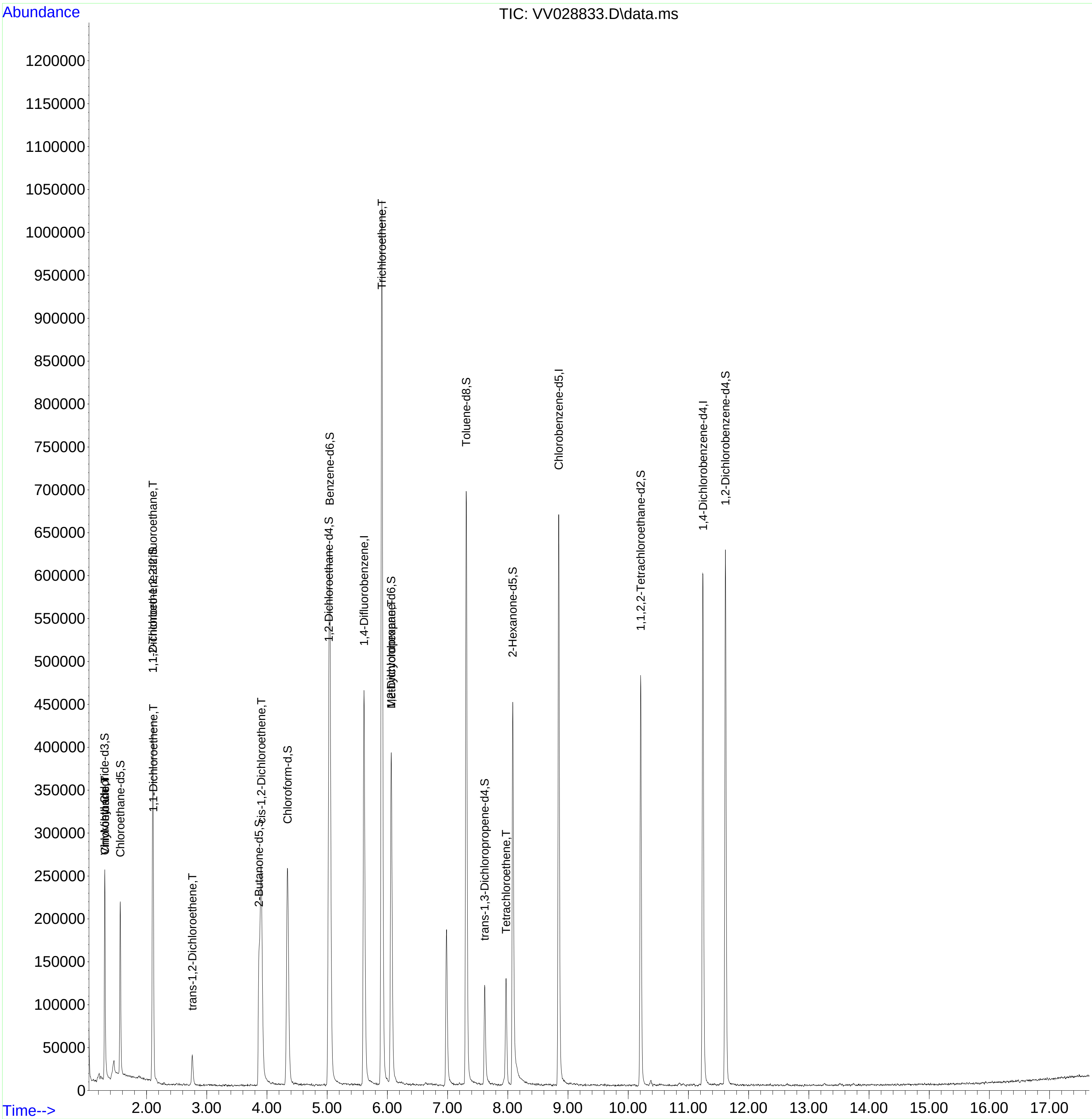
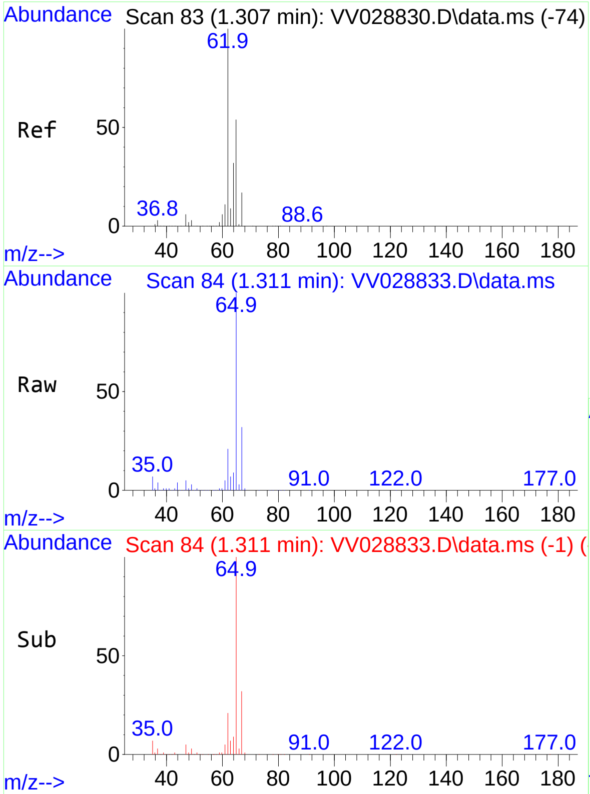
Data File : VV028833.D
Acq On : 02 Nov 2022 11:55
Operator : SY/MD
Sample : N5353-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBWX2

Quant Time: Nov 03 03:29:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 02 05:10:28 2022
Response via : Initial Calibration



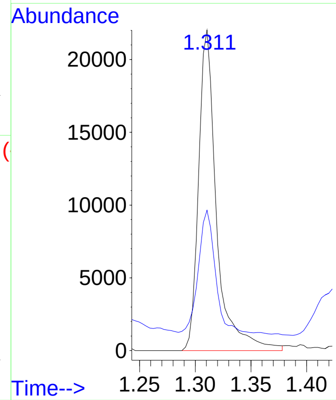


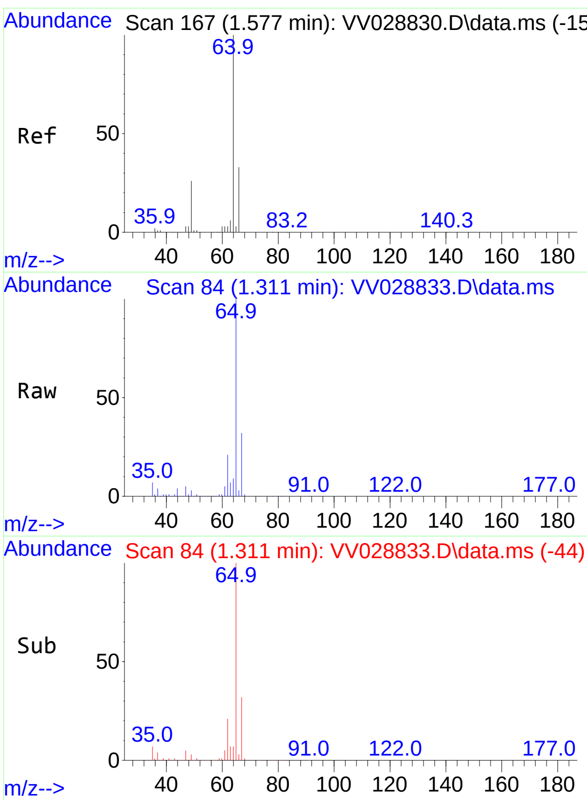
#5
Vinyl chloride
Concen: 6.052 ug/L
RT: 1.311 min   Scan# 8
Delta R.T.   0.000 min
Lab File: VV028833.D
Acq: 02 Nov 2022   11:55

Instrument :
MSVOA_V
ClientSampleId :
DBWX2

Tgt Ion: 62 Resp: 24760

Ion	Ratio	Lower	Upper
62	100		
64	43.8	23.2	43.0#

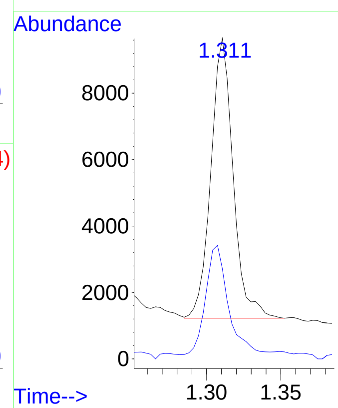


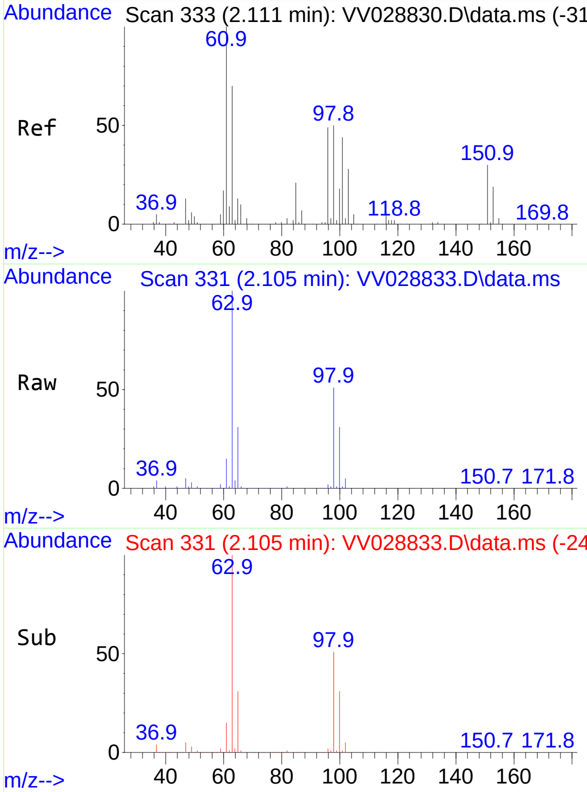


#8
Chloroethane
Concen: 3.352 ug/L
RT: 1.311 min   Scan# 84
Delta R.T.   -0.270 min
Lab File: VV028833.D
Acq: 02 Nov 2022   11:55

Tgt Ion: 64 Resp: 8805

Ion	Ratio	Lower	Upper
64	100		
66	28.2	21.7	40.3



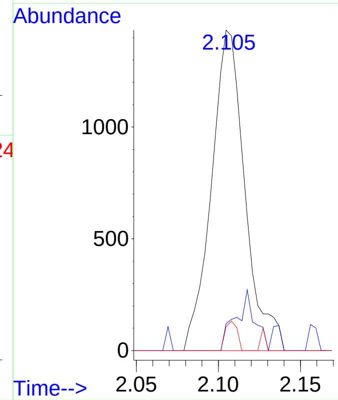


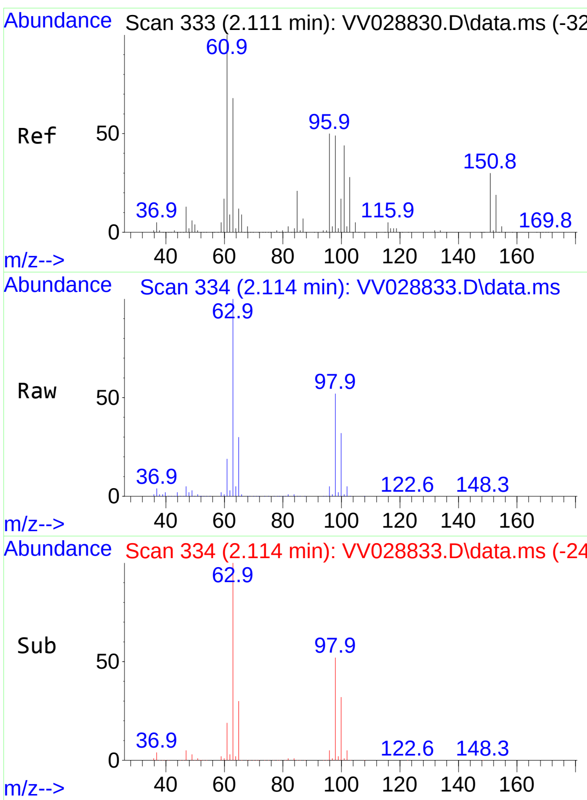
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.739 ug/L
RT: 2.105 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV028833.D
Acq: 02 Nov 2022 11:55

Instrument :
MSVOA_V
ClientSampleId :
DBWX2

Tgt Ion:101 Resp: 2037

Ion	Ratio	Lower	Upper
101	100		
85	5.2	38.0	57.0#
151	3.2	52.7	79.1#

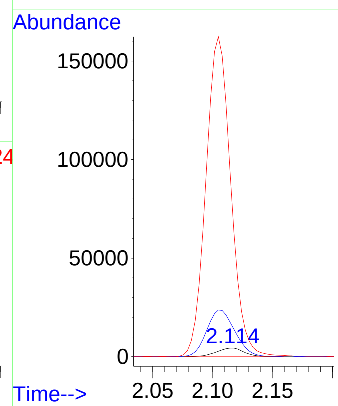




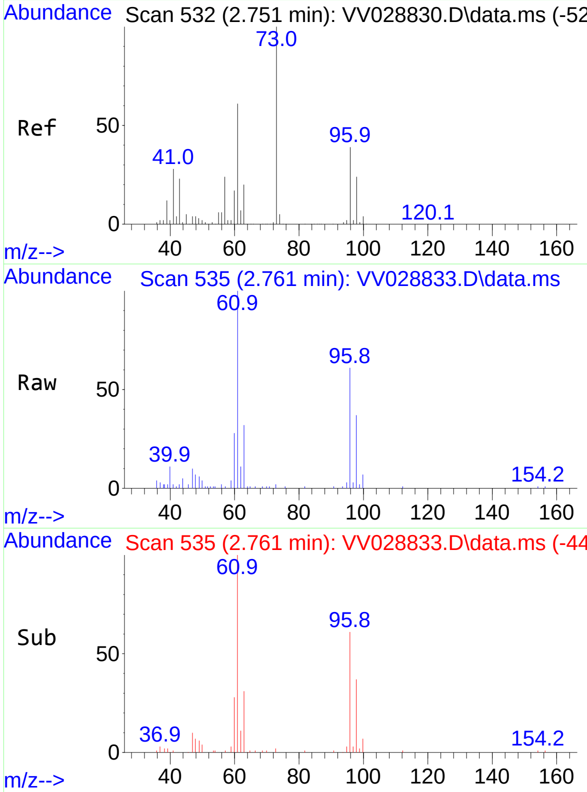
#12
1,1-Dichloroethene
Concen: 2.652 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV028833.D
Acq: 02 Nov 2022 11:55

Tgt Ion: 96 Resp: 7198

Ion	Ratio	Lower	Upper
96	100		
61	403.7	142.7	265.1#
63	2168.0	112.5	208.9#



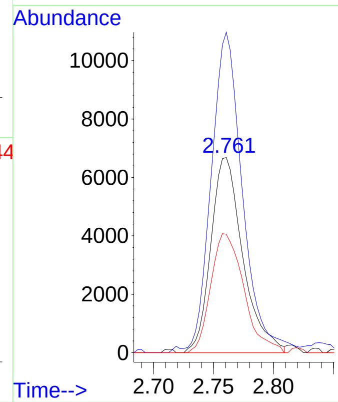
Instrument :
MSVOA_V
ClientSampleId :
DBWX2

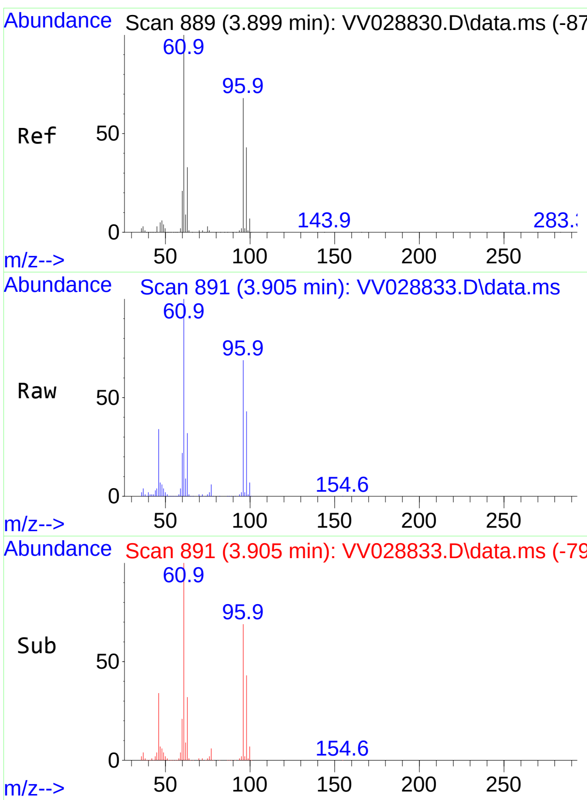


#17
trans-1,2-Dichloroethene
Concen: 4.729 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV028833.D
Acq: 02 Nov 2022 11:55

Tgt Ion: 96 Resp: 12415

Ion	Ratio	Lower	Upper
96	100		
61	164.2	109.4	203.2
98	60.7	43.3	80.5

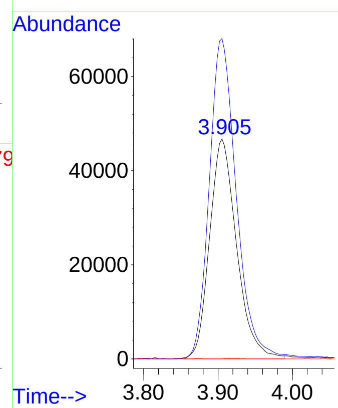


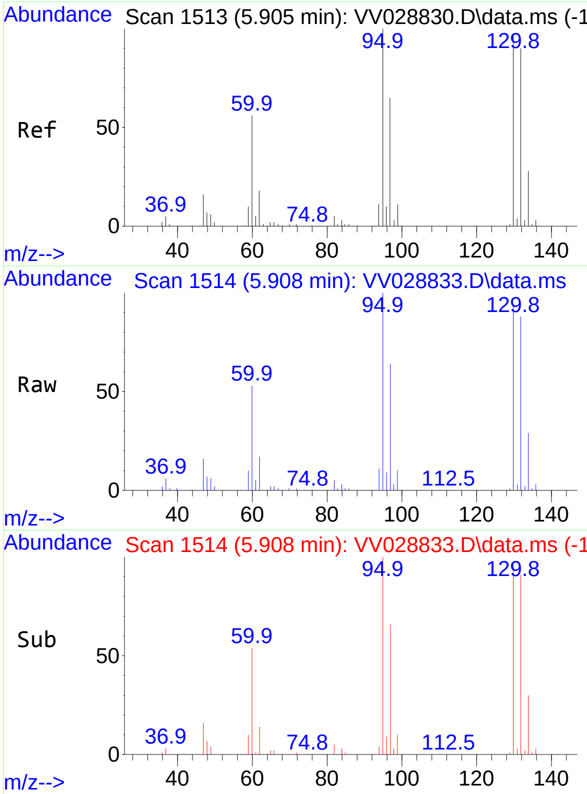


#20
cis-1,2-Dichloroethene
Concen: 40.730 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028833.D
Acq: 02 Nov 2022 11:55

Tgt Ion: 96 Resp: 117977

Ion	Ratio	Lower	Upper
96	100		
61	145.7	102.3	190.1
68	0.0	0.1	0.3#



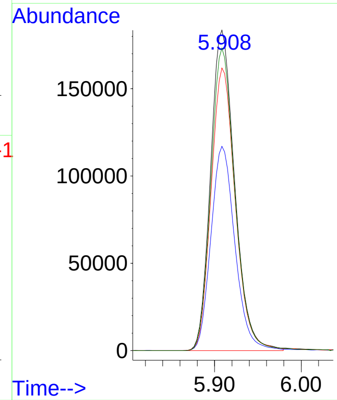


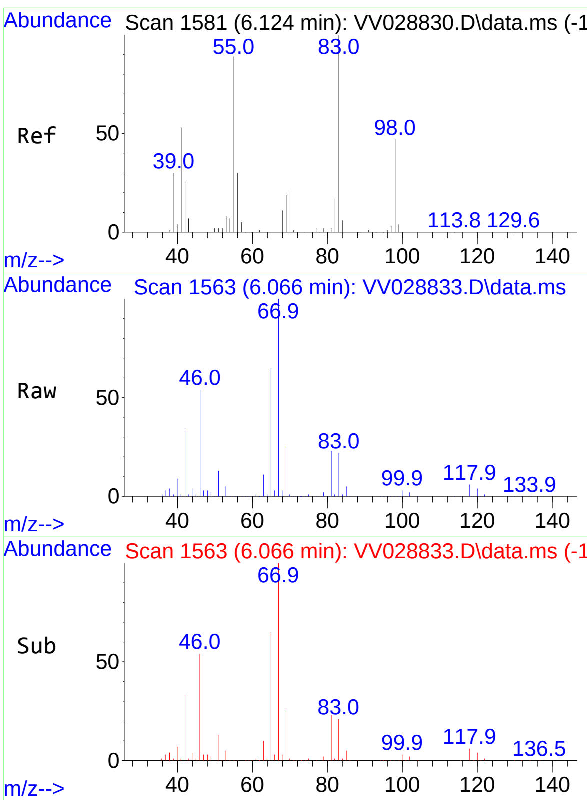
#34
Trichloroethene
Concen: 130.682 ug/L
RT: 5.908 min Scan# 1!
Delta R.T. 0.000 min
Lab File: VV028833.D
Acq: 02 Nov 2022 11:55

Instrument :
MSVOA_V
ClientSampleId :
DBWX2

Tgt Ion: 95 Resp: 356066

Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.2	85.8
132	88.2	63.2	117.4
130	94.4	66.2	123.0

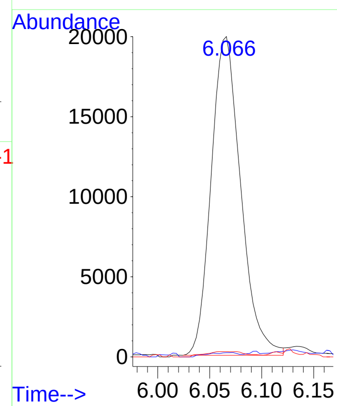


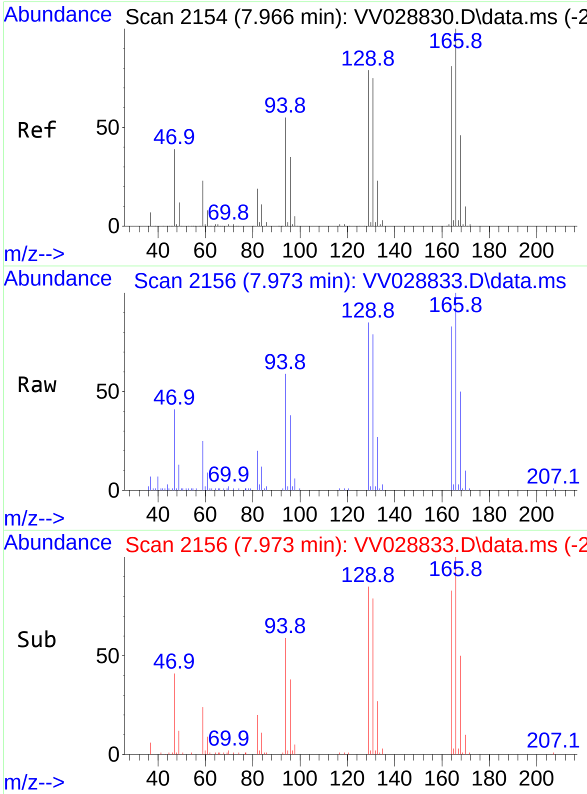


#35
Methylcyclohexane
Concen: 8.160 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028833.D
Acq: 02 Nov 2022 11:55

Tgt Ion: 83 Resp: 39432

Ion	Ratio	Lower	Upper
83	100		
55	0.6	69.4	104.2#
98	1.1	37.0	55.4#





#46
Tetrachloroethene
Concen: 13.443 ug/L
RT: 7.973 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028833.D
Acq: 02 Nov 2022 11:55

Instrument :
MSVOA_V
ClientSampleId :
DBWX2

Tgt Ion:164 Resp: 25385

Ion	Ratio	Lower	Upper
164	100		
129	102.5	69.5	129.1
131	95.0	66.4	123.2
166	120.8	88.5	164.3