Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
Data File : VU052070.D
Acq On : 23 Nov 2022 05:18
Operator : JC/MD
Sample : N5693-06DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 23 08:26:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration

```
       Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
   1) 1,4-Difluorobenzene          6.247  114   208493     5.000 ug/L     0.00
  28) Chlorobenzene-d5             9.414  117   217016     5.000 ug/L     0.00
  58) 1,4-Dichlorobenzene-d4      11.809  152    78977     5.000 ug/L     0.00

 System Monitoring Compounds
   4) Vinyl Chloride-d3            1.597   65    95037     4.686 ug/L    0.00
   Spiked Amount      5.000   Range  40 - 130    Recovery    =    93.800%
   7) Chloroethane-d5              1.912   69    82212     5.219 ug/L    0.00
   Spiked Amount      5.000   Range  65 - 130    Recovery    =  104.400%
  11) 1,1-Dichloroethene-d2        2.565   65    36055     4.960 ug/L    0.00
   Spiked Amount      5.000   Range  60 - 125    Recovery    =   99.200%
  20) 2-Butanone-d5                4.639   46   233576    63.540 ug/L    0.02
   Spiked Amount     50.000   Range  40 - 130    Recovery    =  127.080%
  24) Chloroform-d                 5.060   84   171472     5.754 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 125    Recovery    =  115.000%
  26) 1,2-Dichloroethane-d4        5.700   65    90147     5.989 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 130    Recovery    =  119.800%
  32) Benzene-d6                   5.726   84   349564     5.426 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 125    Recovery    =  108.600%
  36) 1,2-Dichloropropane-d6       6.690   67   113174     5.676 ug/L    0.00
   Spiked Amount      5.000   Range  60 - 140    Recovery    =  113.600%
  41) Toluene-d8                   7.896   98   272241     4.670 ug/L    0.00
   Spiked Amount      5.000   Range  70 - 130    Recovery    =   93.400%
  43) trans-1,3-Dichloroprop...    8.179   79    36229     4.986 ug/L    0.00
   Spiked Amount      5.000   Range  55 - 130    Recovery    =   99.800%
  46) 2-Hexanone-d5                8.636   63   167347    54.347 ug/L    0.00
   Spiked Amount     50.000   Range  45 - 130    Recovery    =  108.700%
  56) 1,1,2,2-Tetrachloroeth...   10.754   84    96174     5.563 ug/L    0.00
   Spiked Amount      5.000   Range  65 - 120    Recovery    =  111.200%
  66) 1,2-Dichlorobenzene-d4      12.192  152    91852     6.075 ug/L    0.00
   Spiked Amount      5.000   Range  80 - 120    Recovery    =  121.400%#

 Target Compounds                                                  Qvalue
  10) 1,1,2-Trichloro-1,2,2-...    2.568  101     1069     0.070 ug/L #     1
  13) Acetone                      2.662   43    29809    11.942 ug/L      82
  15) Methyl Acetate               3.186   43     1814     0.280 ug/L #    48
  16) Methylene chloride           3.047   84    15210     0.743 ug/L      97
  22) cis-1,2-Dichloroethene       4.665   96    24103     1.417 ug/L      92
  34) Trichloroethene              6.539   95   153270     8.701 ug/L      99
  35) Methylcyclohexane            6.690   83    25875     1.021 ug/L #    20
  37) 1,2-Dichloropropane          6.690   63    11576     0.633 ug/L #    88
  39) cis-1,3-Dichloropropene      7.562   75     2275     0.097 ug/L #    45
  61) 1,2,3-Trichloropropane      11.809   75     9201     1.018 ug/L #    69
 ---------------------------------------------------------------------------
```

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
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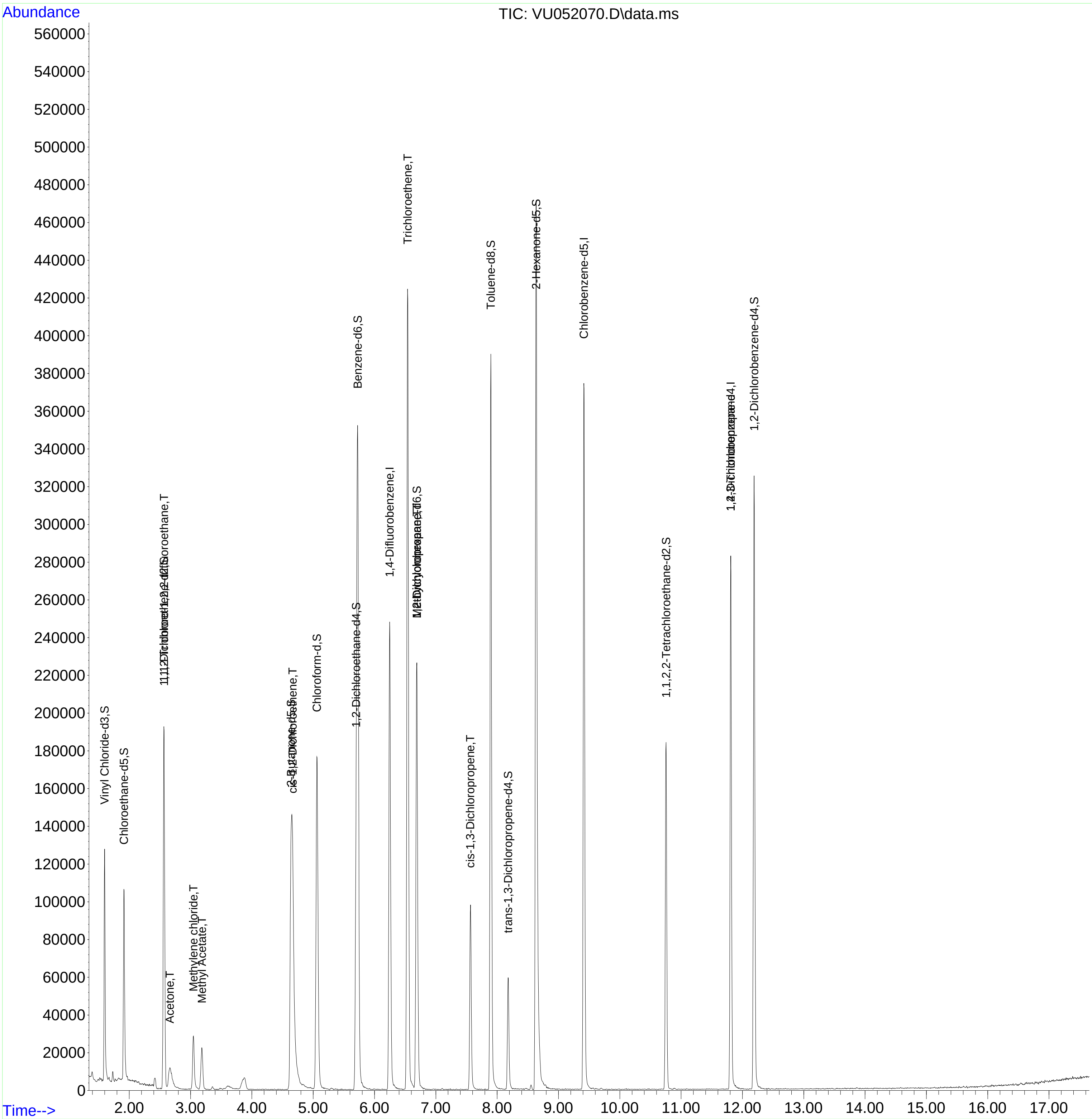
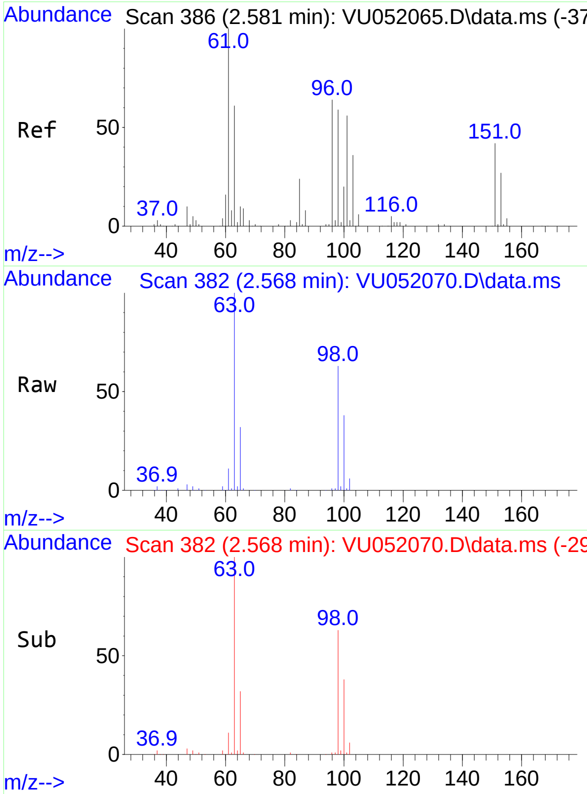
MSVOA_U
ClientSampleId :

Quant Time: Nov 23 08:26:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration



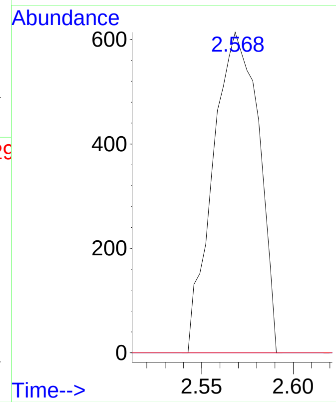


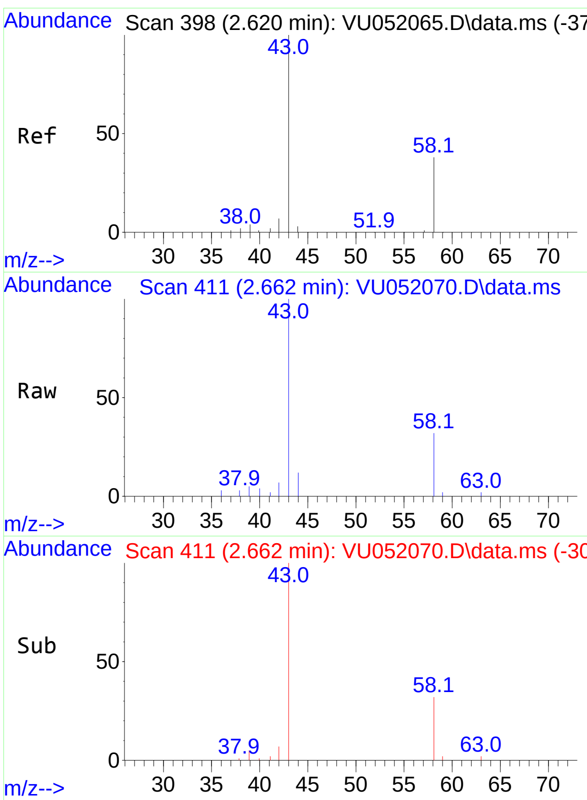
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.010 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 1069

Ion	Ratio	Lower	Upper
101	100		
85	173.2	33.8	50.6#
151	0.0	58.6	88.0#

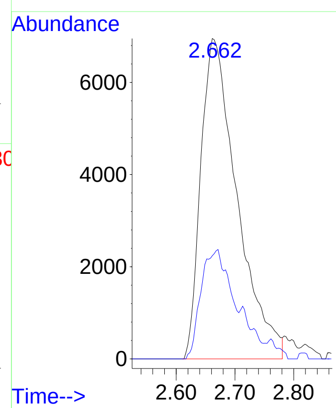


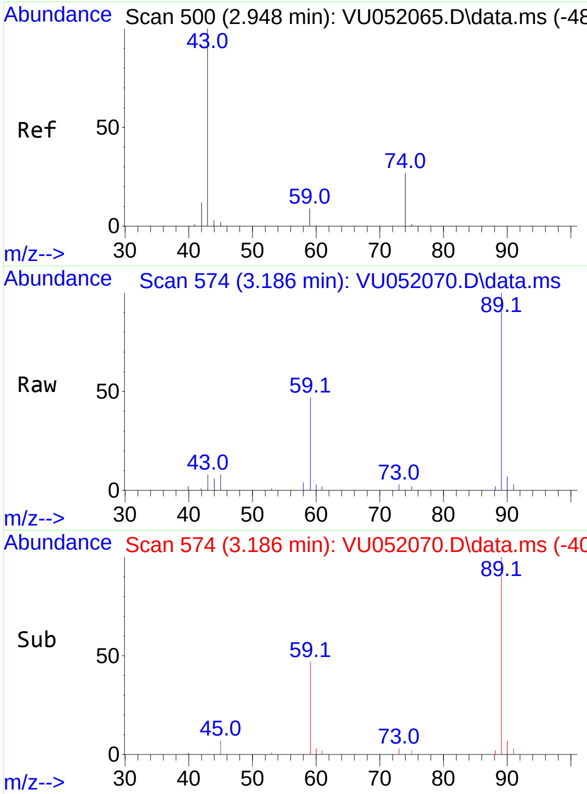


#13
Acetone
Concen: 11.942 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.042 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Tgt Ion: 43 Resp: 29809

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	76.0



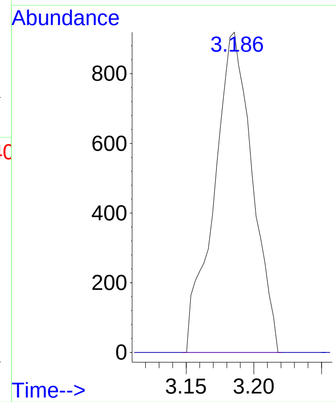


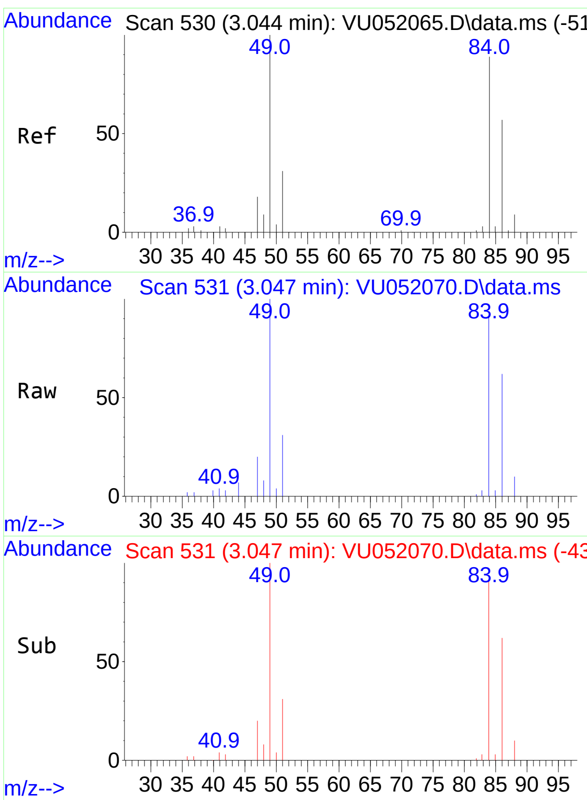
#15
Methyl Acetate
Concen: 0.280 ug/L
RT: 3.186 min Scan# 5
Delta R.T. 0.238 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1814

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.3	31.9#

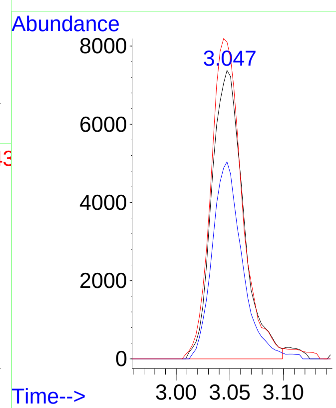


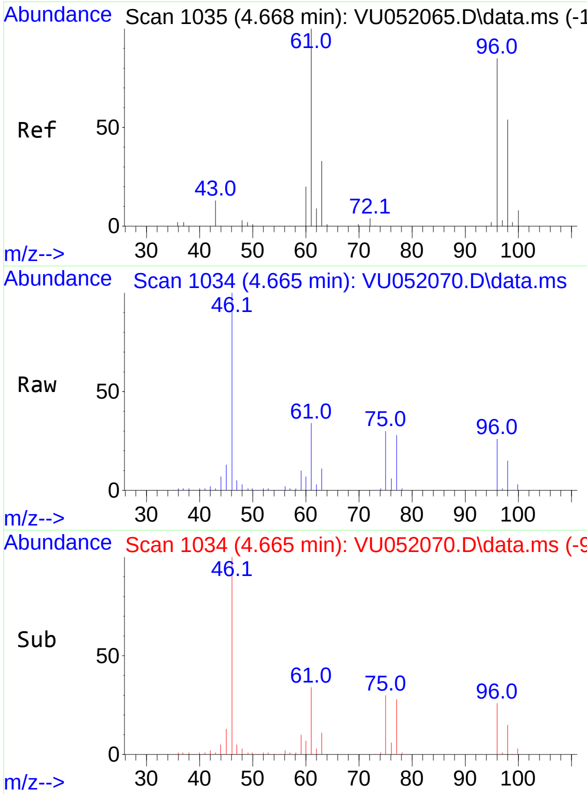


#16
Methylene chloride
Concen: 0.743 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Tgt Ion: 84 Resp: 15210

Ion	Ratio	Lower	Upper
84	100		
86	68.3	43.8	81.4
49	109.8	75.9	141.1



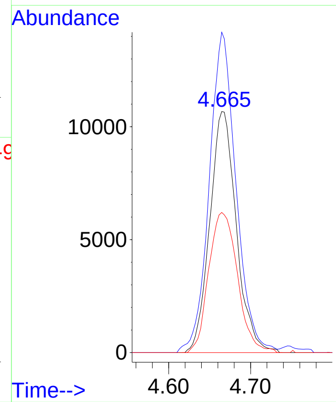


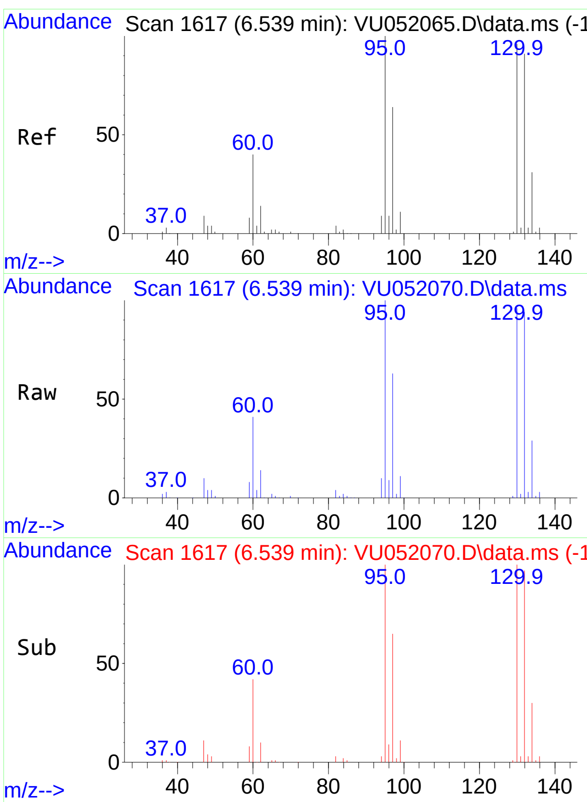
#22
cis-1,2-Dichloroethene
Concen: 1.417 ug/L
RT: 4.665 min Scan# 10
Delta R.T. 0.000 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 24103

Ion	Ratio	Lower	Upper
96	100		
61	132.9	85.1	158.1
98	58.2	42.8	79.6

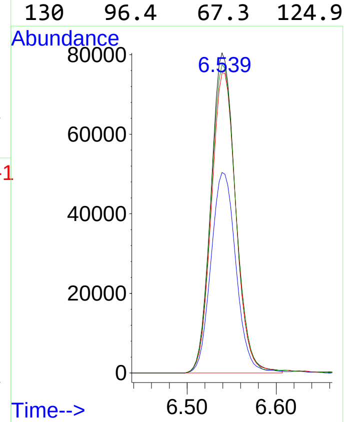


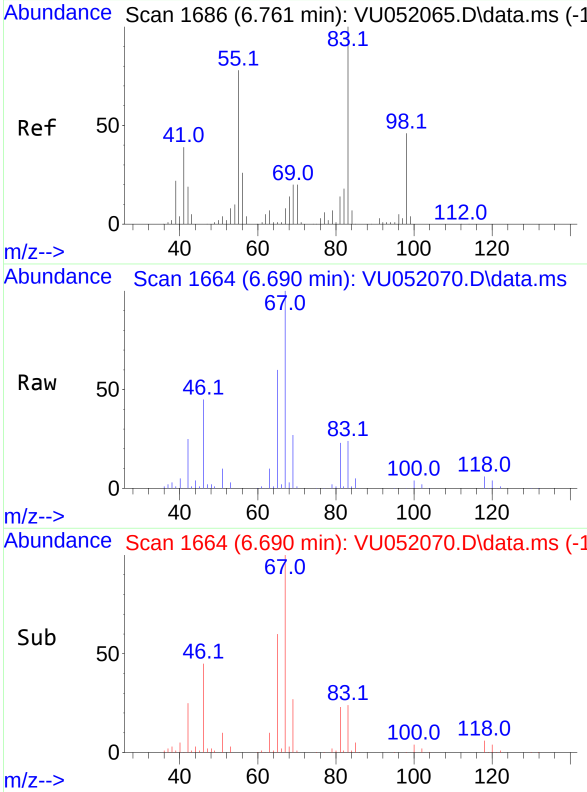


#34
Trichloroethene
Concen: 8.701 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Tgt Ion: 95 Resp: 153270

Ion	Ratio	Lower	Upper
95	100		
97	62.6	43.7	81.1
132	93.8	64.3	119.3
130	96.4	67.3	124.9



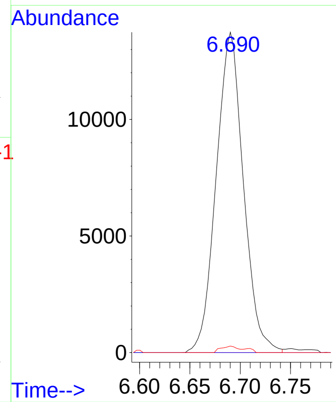


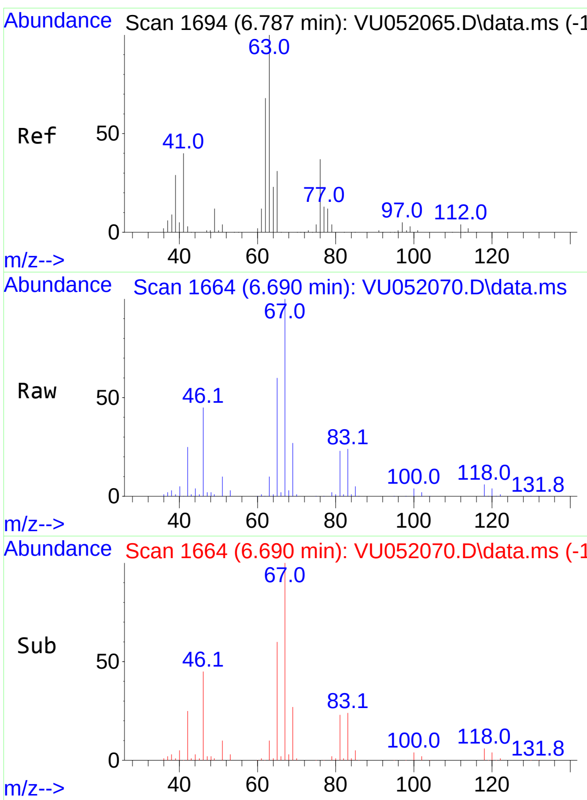
#35
Methylcyclohexane
Concen: 1.021 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 25875

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	1.3	35.1	52.7#

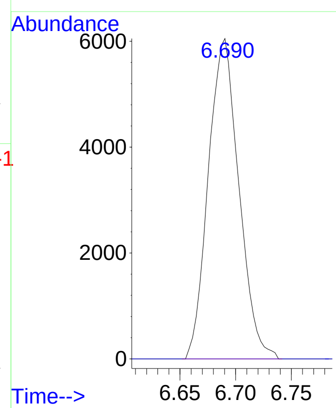


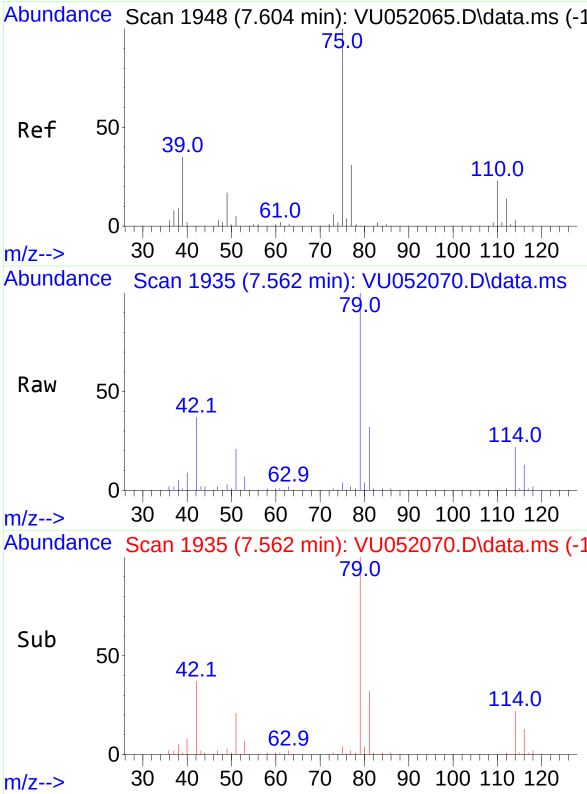


#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.096 min
Lab File: VU052070.D
Acq: 23 Nov 2022 05:18

Tgt Ion: 63 Resp: 11576

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





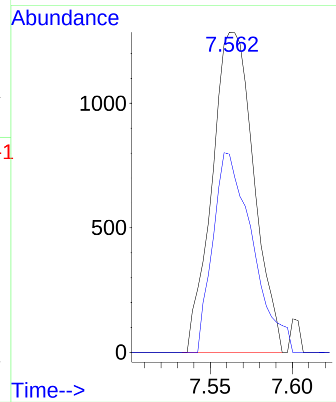
#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.562 min   Scan# 1

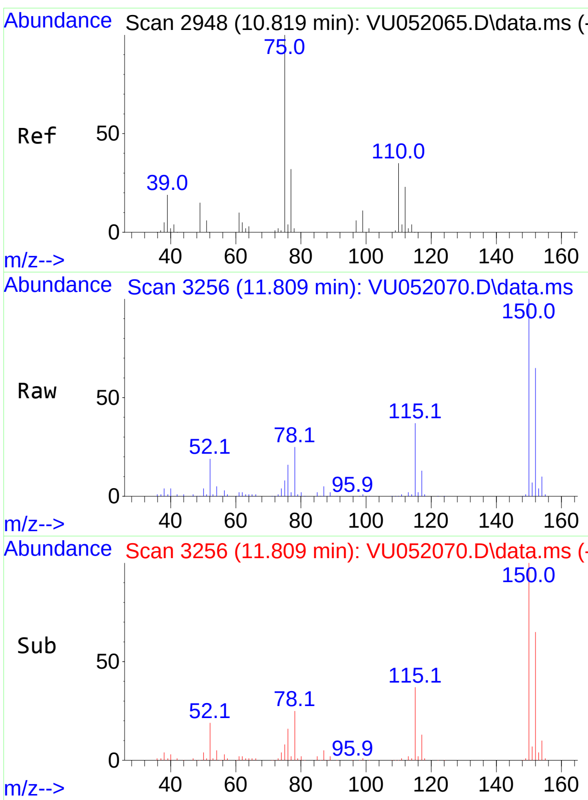
Instrument :
MSVOA_U
ClientSampleId :

Delta R.T.   -0.042 min
Lab File: VU052070.D
Acq: 23 Nov 2022   05:18

Tgt Ion: 75 Resp: 2275

Ion	Ratio	Lower	Upper
75	100		
77	61.9	22.0	40.8#





#61
1,2,3-Trichloropropane
Concen: 1.018 ug/L
RT: 11.809 min   Scan# 3256
Delta R.T.   0.990 min
Lab File: VU052070.D
Acq: 23 Nov 2022   05:18

Tgt Ion: 75 Resp: 9201

Ion	Ratio	Lower	Upper
75	100		
110	1.2	28.3	42.5#
77	31.5	26.2	39.2