Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112222\
Data File : VV029288.D
Acq On : 23 Nov 2022 01:51
Operator : SY/MD
Sample : N5652-05DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

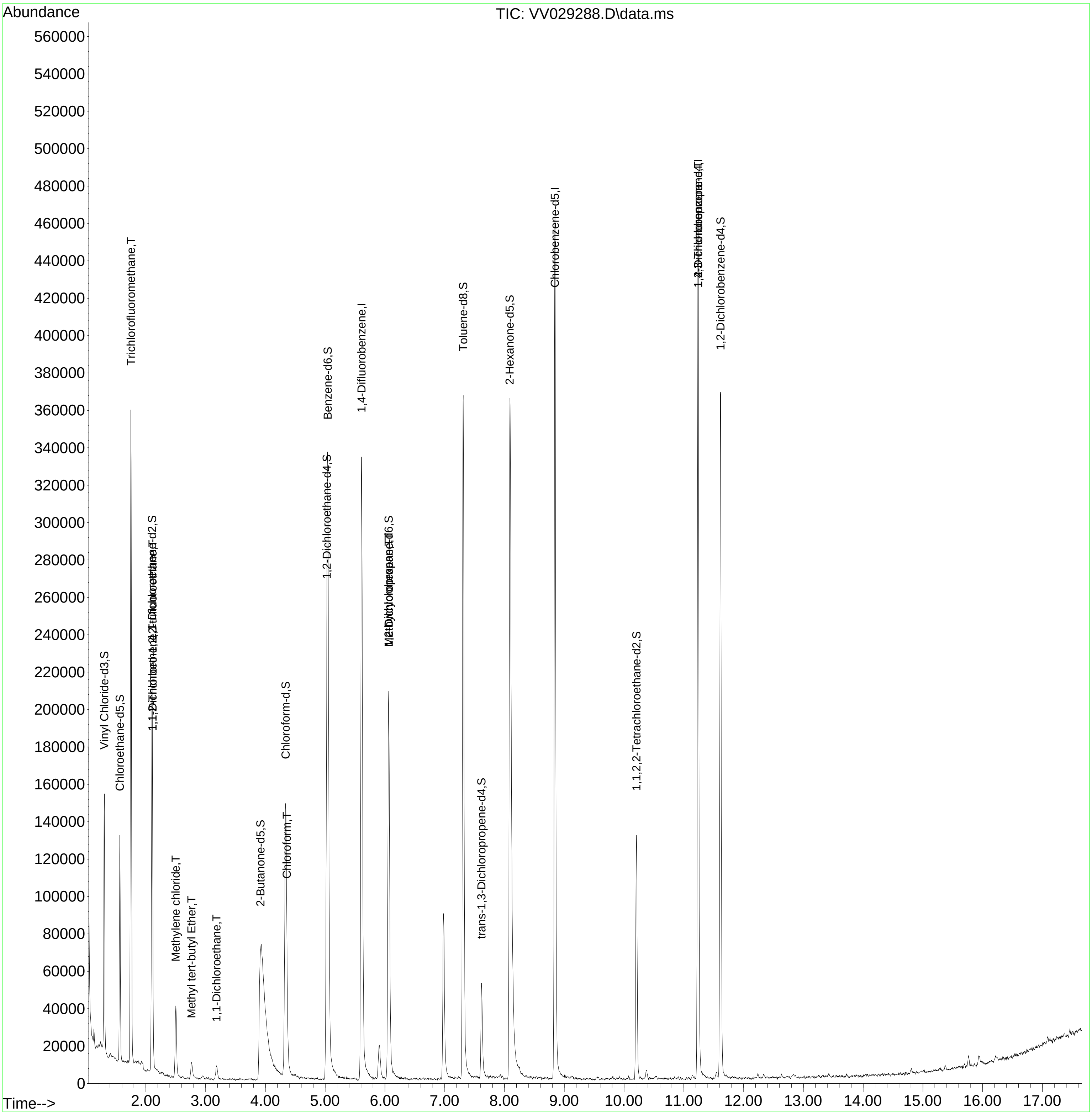
Quant Time: Nov 23 04:49:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 23 01:46:18 2022
Response via : Initial Calibration

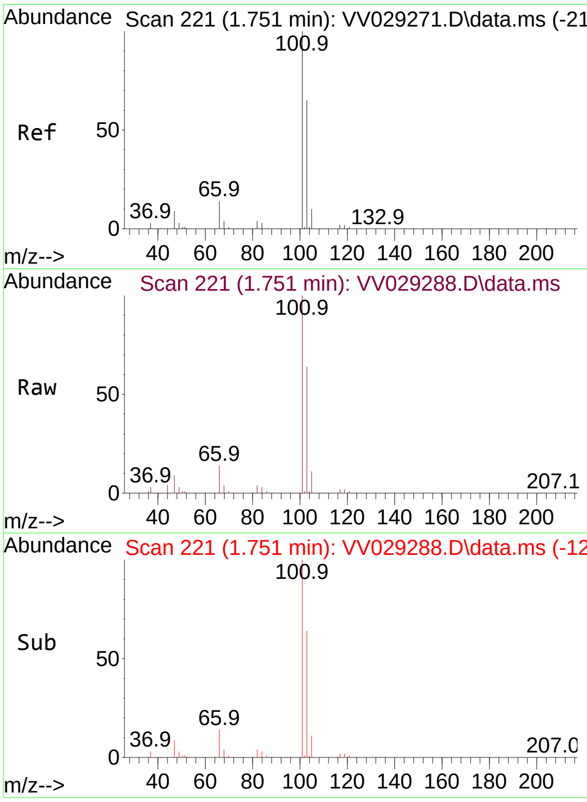
```
       Compound                         R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
   1) 1,4-Difluorobenzene              5.609  114   279669     5.000 ug/L     0.00
  28) Chlorobenzene-d5                 8.844  117   252239     5.000 ug/L     0.00
  58) 1,4-Dichlorobenzene-d4          11.239  152   116574     5.000 ug/L     0.00

 System Monitoring Compounds
   4) Vinyl Chloride-d3                1.304   65    86218     3.232 ug/L    0.00
   Spiked Amount       5.000   Range  40 - 130    Recovery   =   64.600%
   7) Chloroethane-d5                  1.564   69    76731     3.674 ug/L    0.00
   Spiked Amount       5.000   Range  65 - 130    Recovery   =   73.400%
  11) 1,1-Dichloroethene-d2            2.105   63   111936     2.463 ug/L    0.00
   Spiked Amount       5.000   Range  60 - 125    Recovery   =   49.200%#
  20) 2-Butanone-d5                    3.918   46   216639    55.014 ug/L    0.00
   Spiked Amount      50.000   Range  40 - 130    Recovery   =  110.020%
  24) Chloroform-d                     4.339   84   156267     4.130 ug/L    0.00
   Spiked Amount       5.000   Range  70 - 125    Recovery   =   82.600%
  26) 1,2-Dichloroethane-d4            5.027   65    79576     4.447 ug/L    0.00
   Spiked Amount       5.000   Range  70 - 130    Recovery   =   89.000%
  32) Benzene-d6                       5.043   84   307615     3.740 ug/L    0.00
   Spiked Amount       5.000   Range  70 - 125    Recovery   =   74.800%
  36) 1,2-Dichloropropane-d6           6.063   67   109950     4.231 ug/L    0.00
   Spiked Amount       5.000   Range  60 - 140    Recovery   =   84.600%
  41) Toluene-d8                       7.310   98   248287     3.351 ug/L    0.00
   Spiked Amount       5.000   Range  70 - 130    Recovery   =   67.000%#
  43) trans-1,3-Dichloroprop...        7.616   79    31469     3.637 ug/L    0.00
   Spiked Amount       5.000   Range  55 - 130    Recovery   =   72.800%
  46) 2-Hexanone-d5                    8.088   63   115980    74.780 ug/L    0.00
   Spiked Amount      50.000   Range  45 - 130    Recovery   =  149.560%#
  56) 1,1,2,2-Tetrachloroeth...       10.207   84    65889     5.101 ug/L    0.00
   Spiked Amount       5.000   Range  65 - 120    Recovery   =  102.000%
  66) 1,2-Dichlorobenzene-d4          11.616  152    90717     4.034 ug/L    0.00
   Spiked Amount       5.000   Range  80 - 120    Recovery   =   80.600%

 Target Compounds                                                    Qvalue
   9) Trichlorofluoromethane           1.751  101   202345     5.750 ug/L       99
  10) 1,1,2-Trichloro-1,2,2-...        2.111  101     4395     0.211 ug/L       93
  12) 1,1-Dichloroethene               2.111   96     1871     0.091 ug/L #      1
  16) Methylene chloride               2.500   84    15724     0.484 ug/L       99
  17) Methyl tert-butyl Ether          2.764   73     8452     0.186 ug/L #     91
  19) 1,1-Dichloroethane               3.182   63     7315     0.173 ug/L       96
  25) Chloroform                       4.359   83     5157     0.128 ug/L       91
  35) Methylcyclohexane                6.063   83    22786     0.583 ug/L #     17
  37) 1,2-Dichloropropane              6.063   63    11650     0.489 ug/L #     88
  61) 1,2,3-Trichloropropane          11.239   75    17215     1.543 ug/L #     68
 ---------------------------------------------------------------------------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112222\
Data File : VV029288.D
Acq On   : 23 Nov 2022 01:51
Operator : SY/MD
Sample   : N5652-05DL 40X
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 28   Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 04:49:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 23 01:46:18 2022
Response via : Initial Calibration





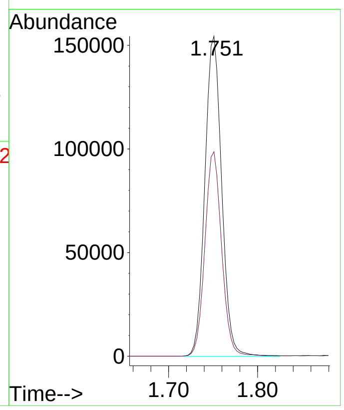
#9
Trichlorofluoromethane
Concen: 5.750 ug/L
RT: 1.751 min Scan# 2

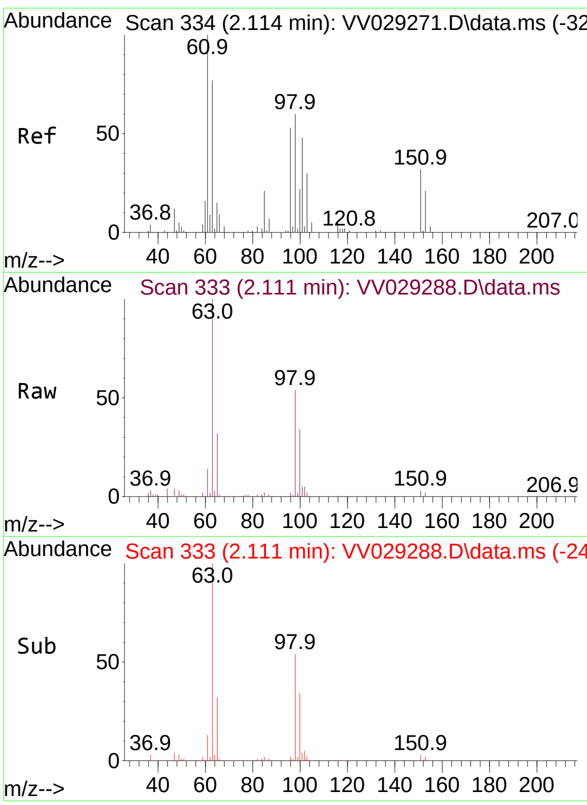
Instrument :
MSVOA_V
ClientSampleId :

Delta R.T. 0.000 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Tgt Ion:101 Resp: 202345

Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.7	77.5

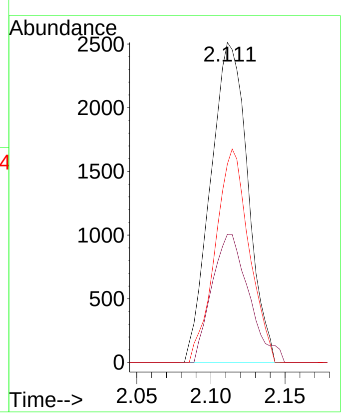


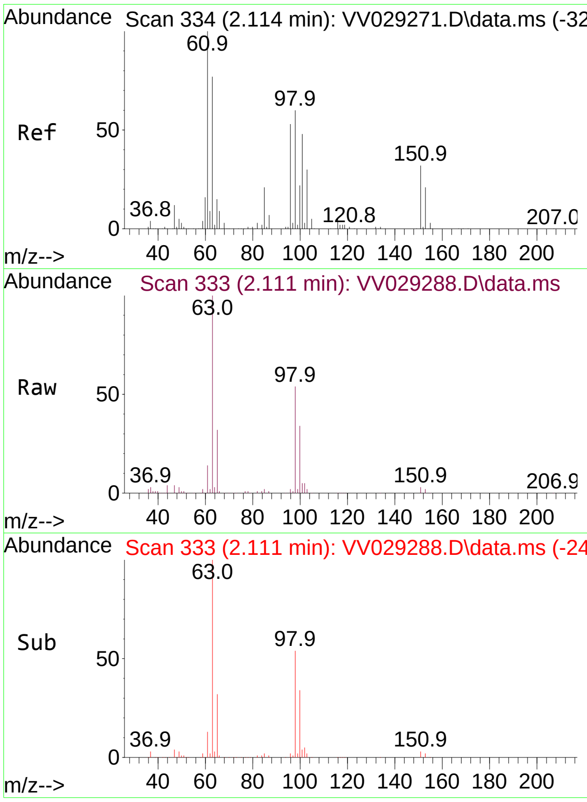


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.211 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Tgt Ion:101 Resp: 4395

Ion	Ratio	Lower	Upper
101	100		
85	39.8	34.7	52.1
151	60.6	53.4	80.2



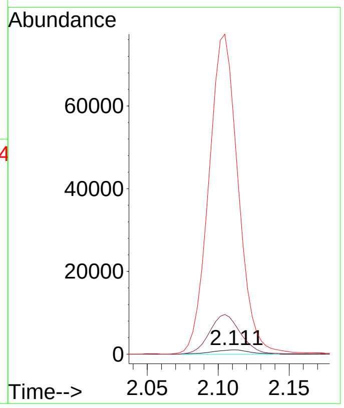


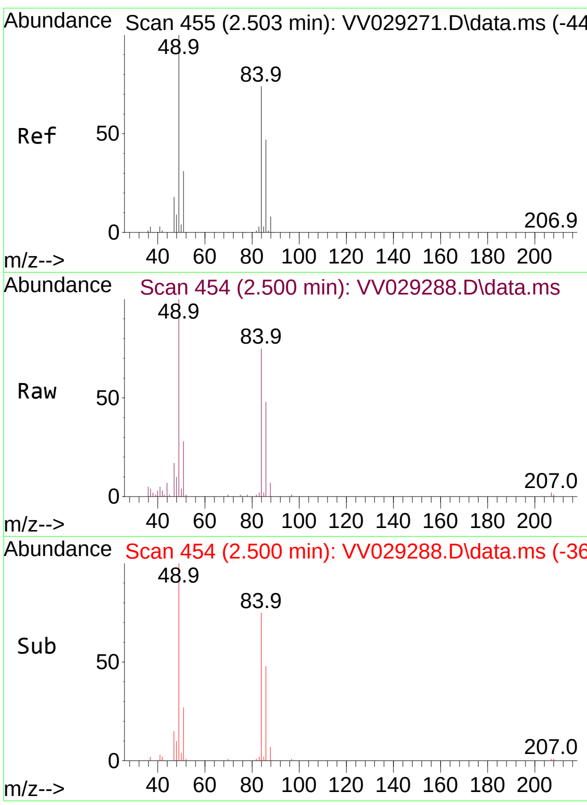
#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.111 min   Scan# 3
Delta R.T.   -0.003 min
Lab File: VV029288.D
Acq: 23 Nov 2022   01:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1871

Ion	Ratio	Lower	Upper
96	100		
61	719.9	131.9	245.0#
63	5315.0	98.6	183.0#

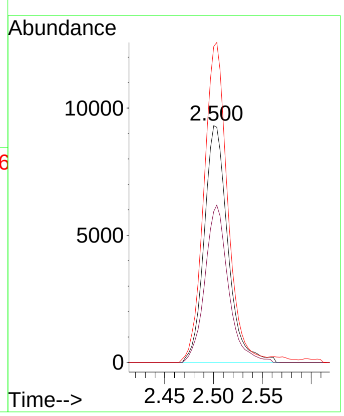


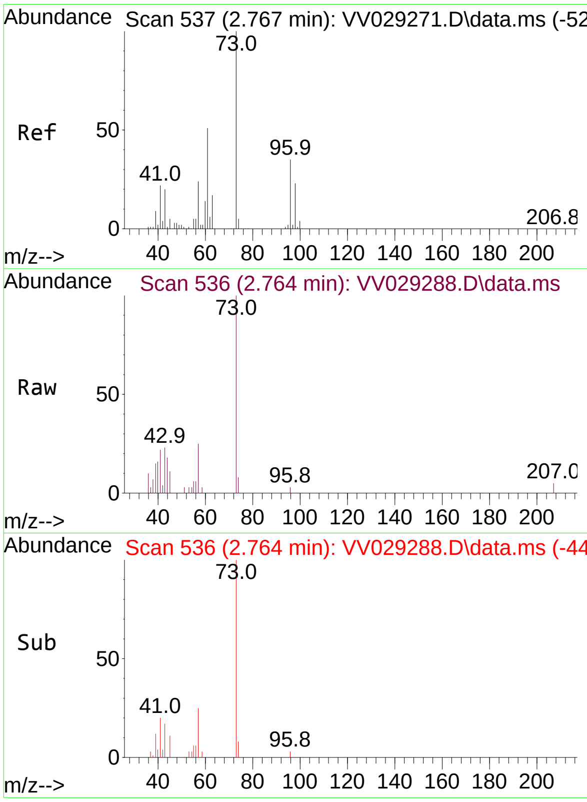


#16
Methylene chloride
Concen: 0.484 ug/L
RT: 2.500 min   Scan# 454
Delta R.T.   -0.003 min
Lab File: VV029288.D
Acq: 23 Nov 2022   01:51

Tgt Ion: 84 Resp: 15724

Ion	Ratio	Lower	Upper
84	100		
86	63.8	44.2	82.2
49	133.4	91.9	170.7



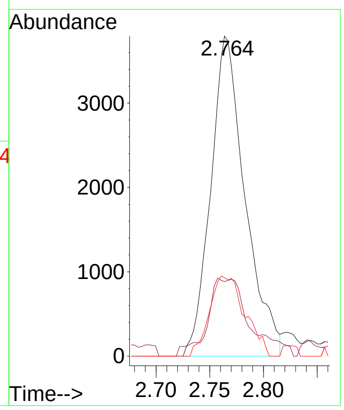


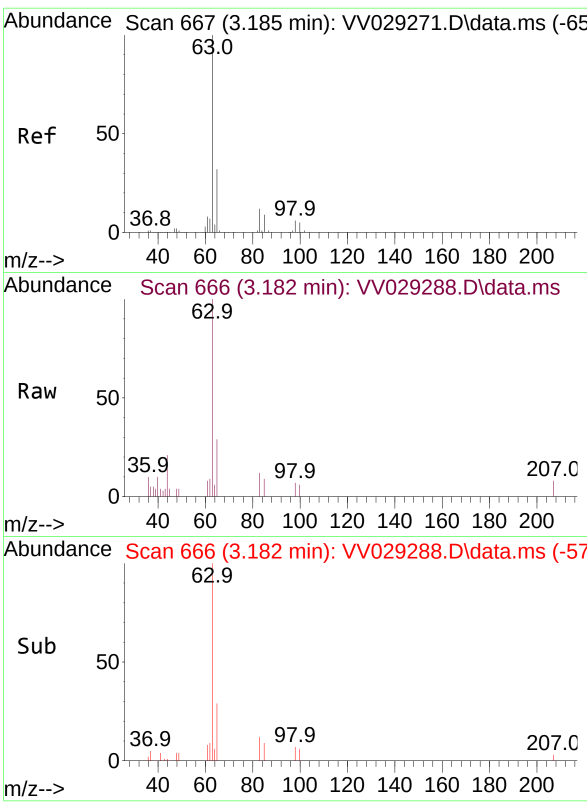
#17
Methyl tert-butyl Ether
Concen: 0.186 ug/L
RT: 2.764 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 8452

Ion	Ratio	Lower	Upper
73	100		
43	12.9	15.4	23.2#
57	25.8	18.9	28.3

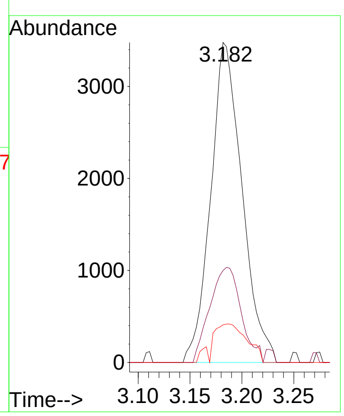


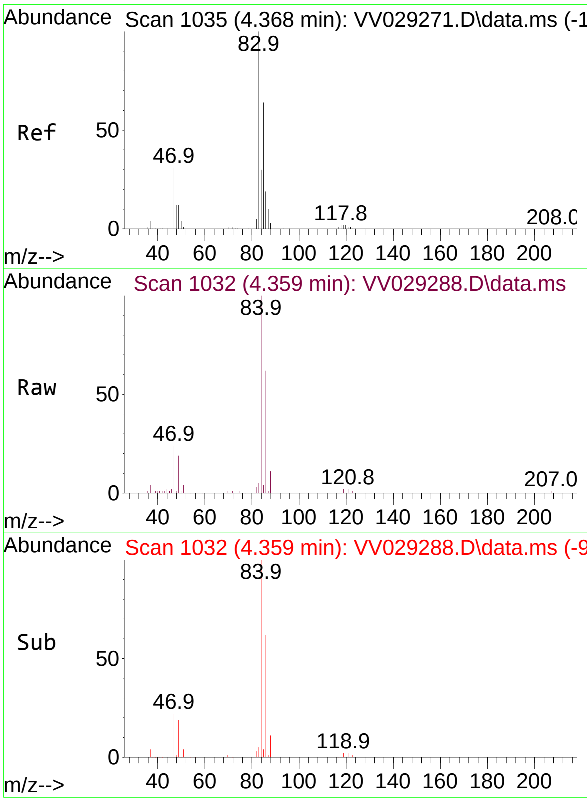


#19
1,1-Dichloroethane
Concen: 0.173 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.003 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Tgt Ion: 63 Resp: 7315

Ion	Ratio	Lower	Upper
63	100		
65	28.8	22.1	41.1
83	11.8	9.0	16.8



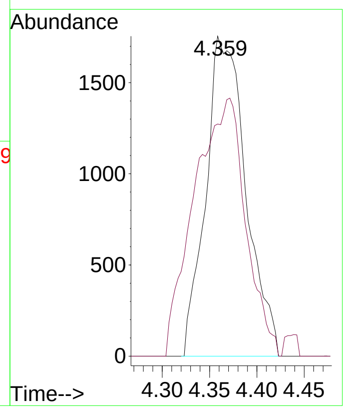


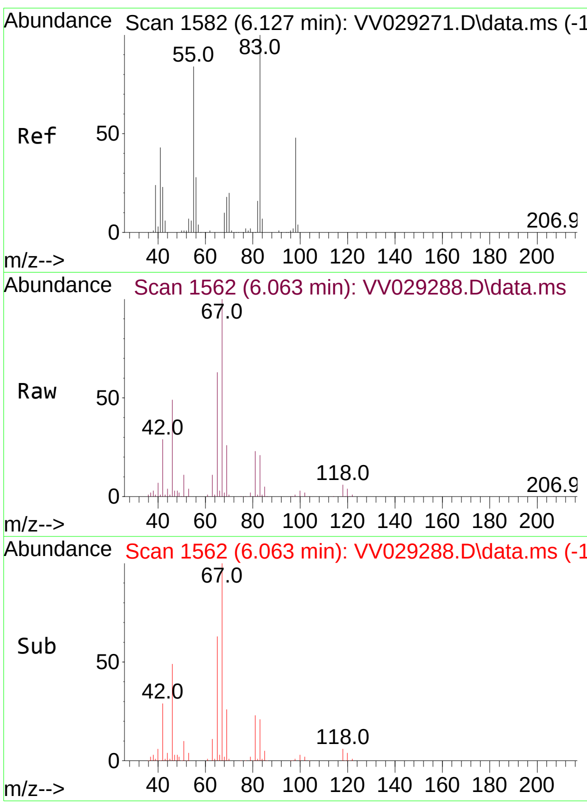
#25
Chloroform
Concen: 0.128 ug/L
RT: 4.359 min Scan# 1
Delta R.T. -0.010 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 5157

Ion	Ratio	Lower	Upper
83	100		
85	72.5	45.6	84.6

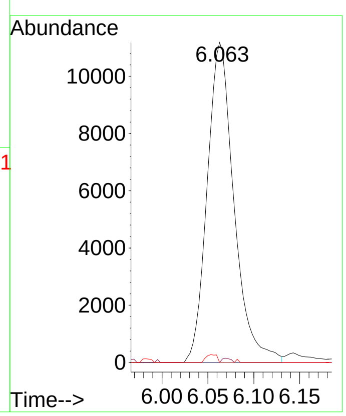


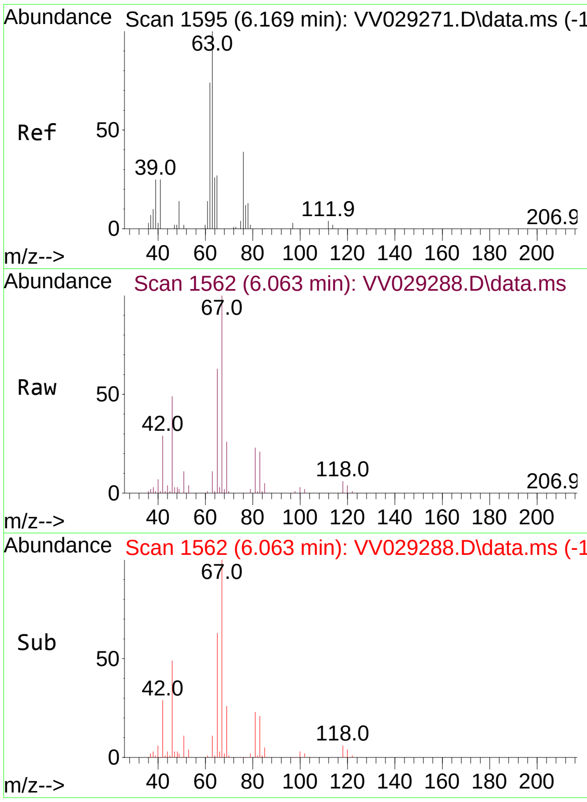


#35
Methylcyclohexane
Concen: 0.583 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Tgt Ion: 83 Resp: 22786

Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.7	98.5#
98	1.0	37.7	56.5#



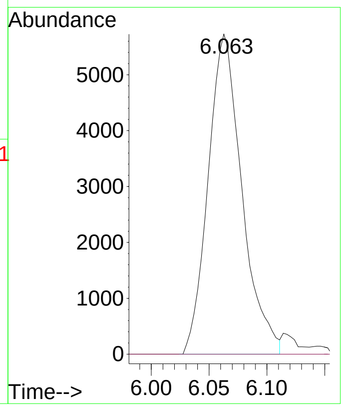


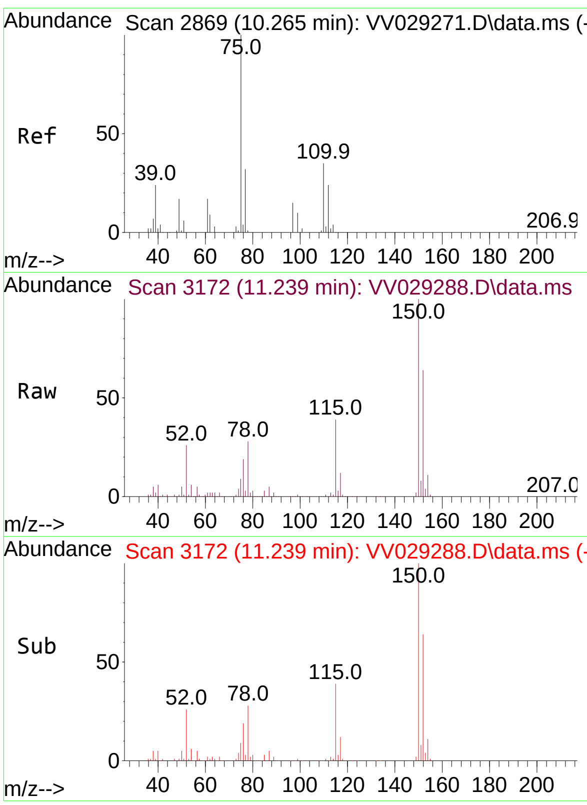
#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 11650

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#61
1,2,3-Trichloropropane
Concen: 1.543 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029288.D
Acq: 23 Nov 2022 01:51

Tgt Ion: 75 Resp: 17215

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0
110	2.5	29.6	44.4#