Quantitation Report (Not Reviewed)

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On    : 19 Sep 2023  16:15
Operator  : SY/MD
Sample    : O4472-16
Misc      : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 20 01:37:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title  : SFAM01.0
QLast Update : Wed Sep 20 01:34:37 2023
Response via : Initial Calibration
```

Instrument : MSVOA_W
ClientSampleId :

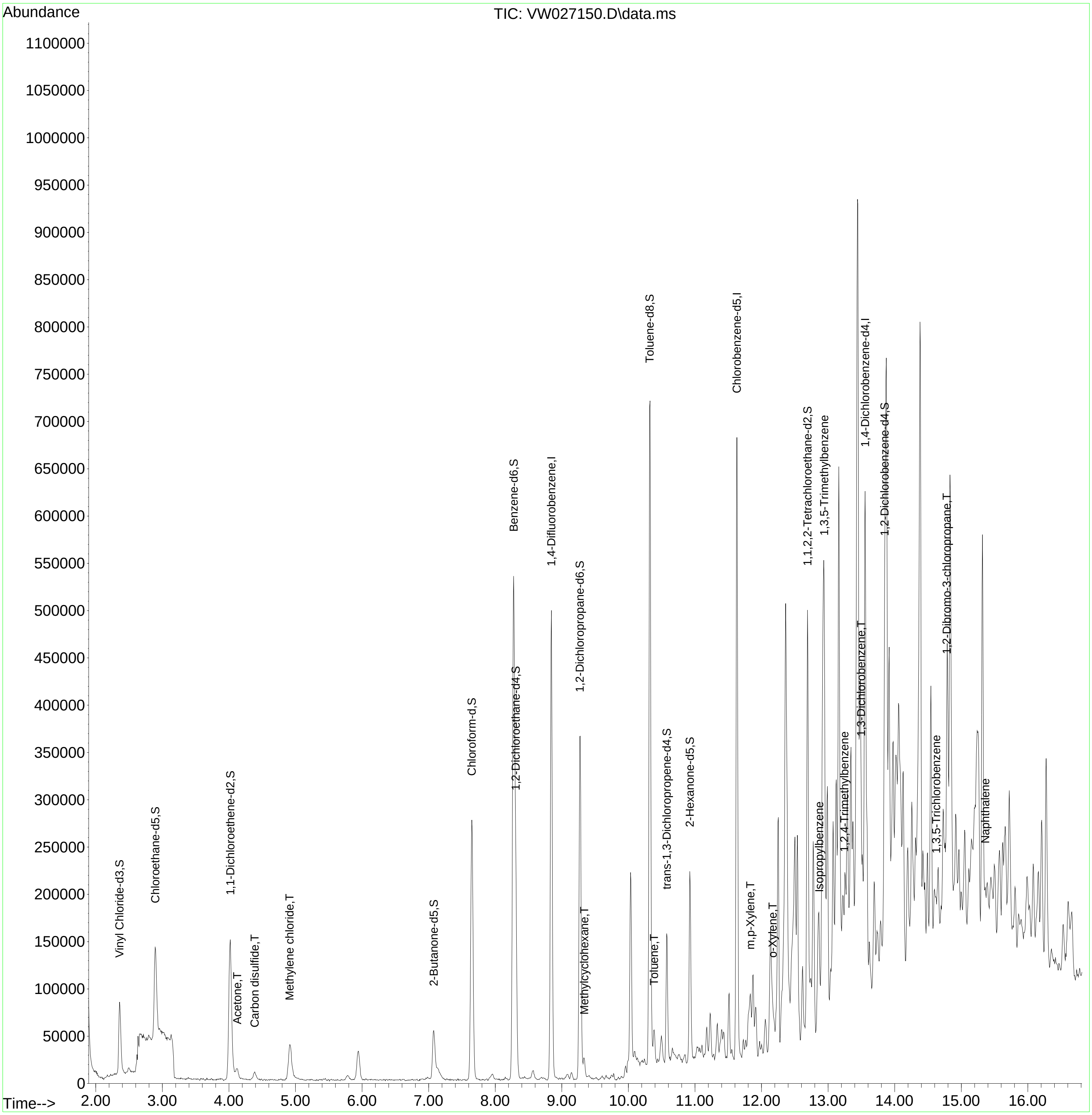
```
       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------
 Internal Standards
   1) 1,4-Difluorobenzene         8.843  114   426241    25.000 ug/L     0.00
  28) Chlorobenzene-d5           11.629  117   356660    25.000 ug/L     0.00
  58) 1,4-Dichlorobenzene-d4     13.556  152   112722    25.000 ug/L     0.00

 System Monitoring Compounds
   4) Vinyl Chloride-d3           2.357   65   108120    15.765 ug/L   -0.01
   Spiked Amount     25.000   Range  30 - 150    Recovery    =    63.080%
   7) Chloroethane-d5             2.893   69   155321    29.328 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 150    Recovery    =   117.320%
  11) 1,1-Dichloroethene-d2       4.021   65    50305    17.109 ug/L    0.00
   Spiked Amount     25.000   Range  45 - 110    Recovery    =    68.440%
  21) 2-Butanone-d5               7.075   46    85559    67.377 ug/L    0.00
   Spiked Amount     50.000   Range  20 - 135    Recovery    =   134.760%
  24) Chloroform-d                7.648   84   297898    23.263 ug/L    0.00
   Spiked Amount     25.000   Range  40 - 150    Recovery    =    93.040%
  26) 1,2-Dichloroethane-d4       8.307   65   168312    26.937 ug/L    0.00
   Spiked Amount     25.000   Range  70 - 130    Recovery    =   107.760%
  32) Benzene-d6                  8.276   84   575901    25.003 ug/L    0.00
   Spiked Amount     25.000   Range  20 - 135    Recovery    =   100.000%
  36) 1,2-Dichloropropane-d6      9.270   67   183909    28.218 ug/L    0.00
   Spiked Amount     25.000   Range  70 - 120    Recovery    =   112.880%
  41) Toluene-d8                 10.319   98   455175    22.204 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 130    Recovery    =    88.800%
  43) trans-1,3-Dichloroprop...  10.575   79    76436    29.022 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 135    Recovery    =   116.080%
  47) 2-Hexanone-d5              10.922   63    57199    72.833 ug/L    0.00
   Spiked Amount     50.000   Range  20 - 135    Recovery    =   145.660%#
  56) 1,1,2,2-Tetrachloroeth...  12.690   84   201202    38.529 ug/L    0.00
   Spiked Amount     25.000   Range  45 - 120    Recovery    =   154.120%#
  66) 1,2-Dichlorobenzene-d4     13.849  152    94241    23.411 ug/L    0.00
   Spiked Amount     25.000   Range  75 - 120    Recovery    =    93.640%

 Target Compounds                                                  Qvalue
  13) Acetone                     4.125   43    16108    13.427 ug/L      98
  14) Carbon disulfide            4.387   76    18004     0.869 ug/L #    91
  16) Methylene chloride          4.911   84    34959     4.311 ug/L      91
  35) Methylcyclohexane           9.337   83     7453     0.702 ug/L #    83
  42) Toluene                    10.386   91    23142     0.930 ug/L      99
  53) m,p-Xylene                 11.831  106    13878     1.326 ug/L      83
  54) o-Xylene                   12.166  106     7725     0.775 ug/L      92
  60) Isopropylbenzene           12.867  105    12613     0.835 ug/L      96
  62) 1,3,5-Trimethylbenzene     12.940  105    15025     1.243 ug/L     100
  63) 1,2,4-Trimethylbenzene     13.245  105    31694     2.707 ug/L      92
  64) 1,3-Dichlorobenzene        13.495  146    10292     1.441 ug/L #    27
  68) 1,2-Dibromo-3-chloropr...  14.781   75     1084     2.328 ug/L #    30
  69) 1,3,5-Trichlorobenzene     14.623  180     2880     0.560 ug/L      96
  71) Naphthalene                15.361  128    43329     6.393 ug/L      98
--------------------------------------------------------------------------

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

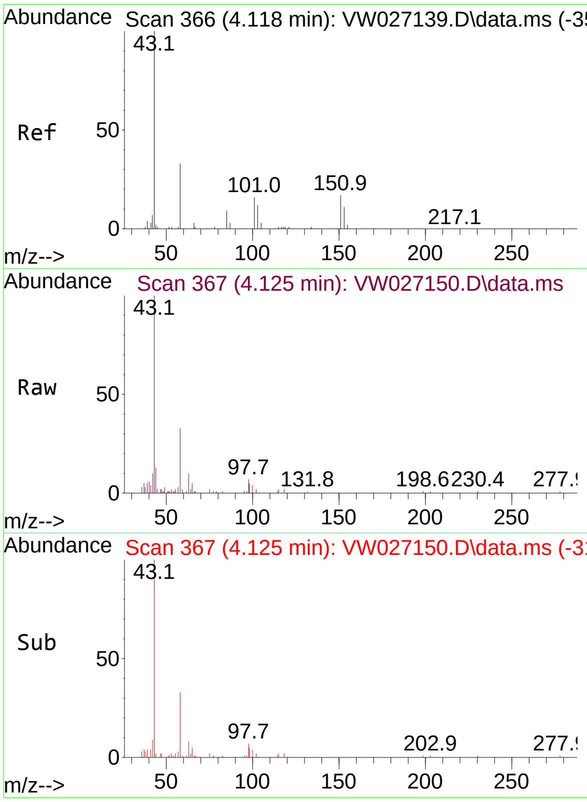
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027150.D
Acq On : 19 Sep 2023 16:15
Operator : SY/MD
Sample : O4472-16
Misc : 5.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 20 01:37:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 20 01:34:37 2023
Response via : Initial Calibration



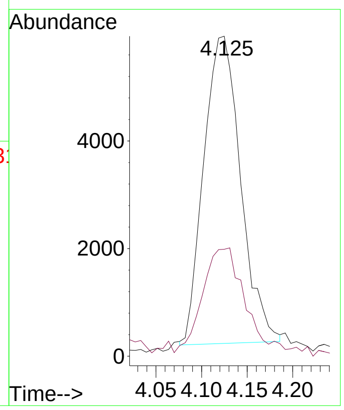


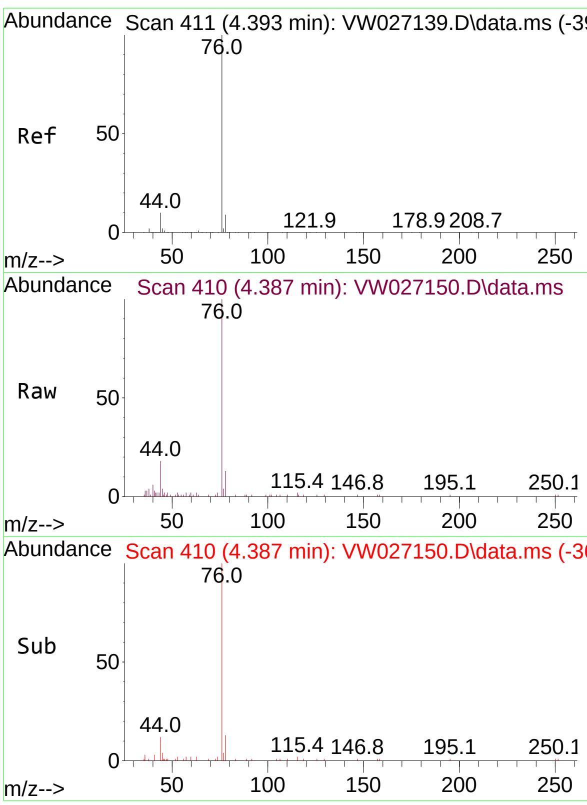
#13
Acetone
Concen: 13.427 ug/L
RT: 4.125 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 16108

Ion	Ratio	Lower	Upper
43	100		
58	39.9	0.0	77.4

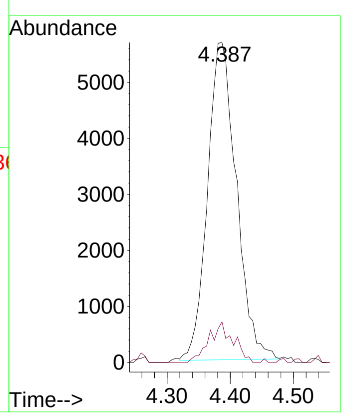


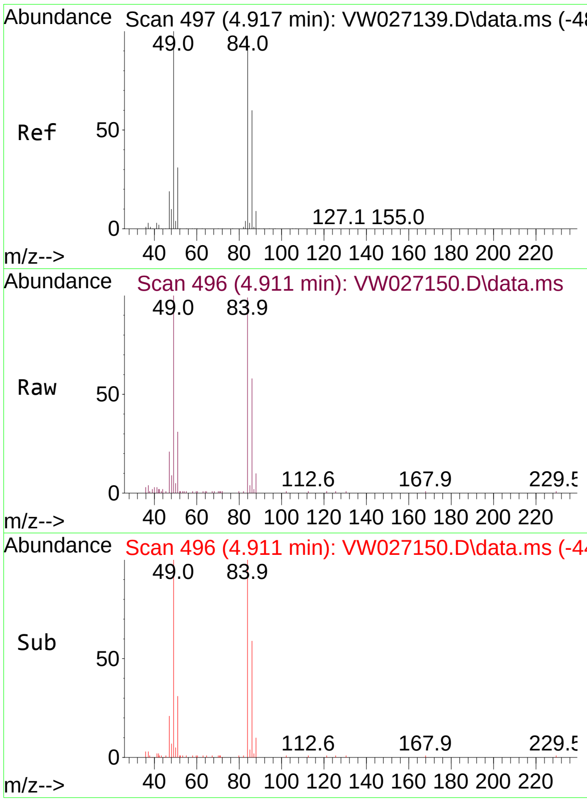


#14
Carbon disulfide
Concen: 0.869 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Tgt Ion: 76 Resp: 18004

Ion	Ratio	Lower	Upper
76	100		
78	12.7	7.5	11.3#



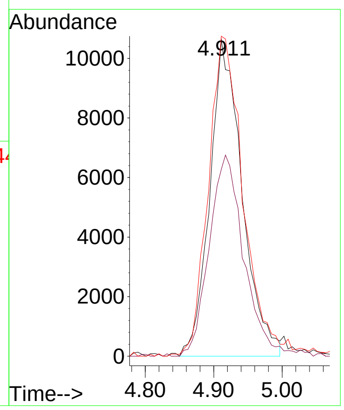


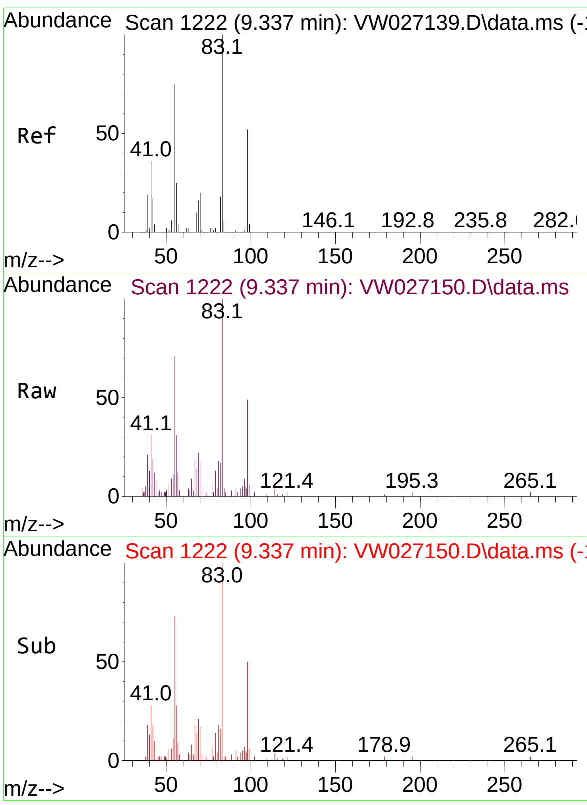
#16
Methylene chloride
Concen: 4.311 ug/L
RT: 4.911 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 34959

Ion	Ratio	Lower	Upper
84	100		
86	59.1	46.7	86.7
49	101.2	77.1	143.1

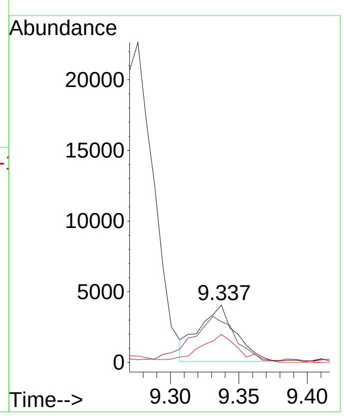


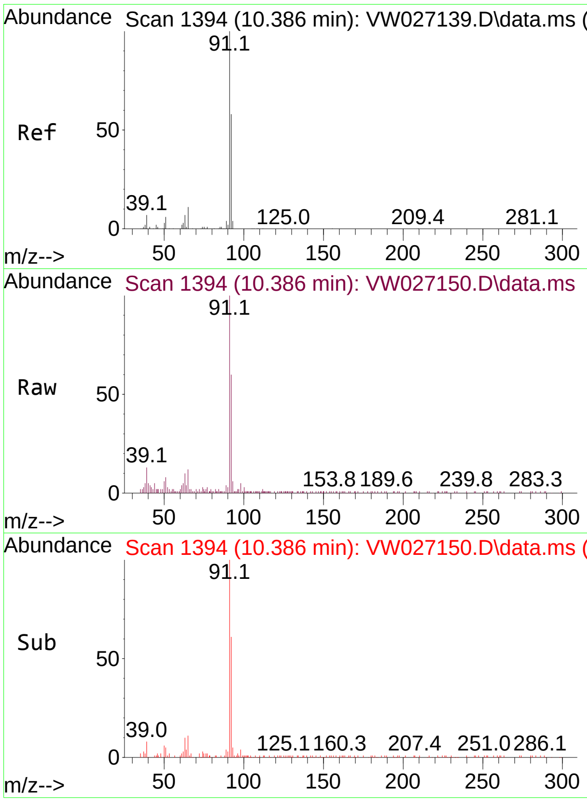


#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Tgt Ion: 83 Resp: 7453

Ion	Ratio	Lower	Upper
83	100		
55	92.1	58.0	87.0#
98	52.3	38.5	57.7



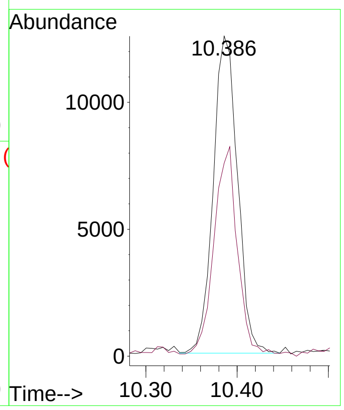


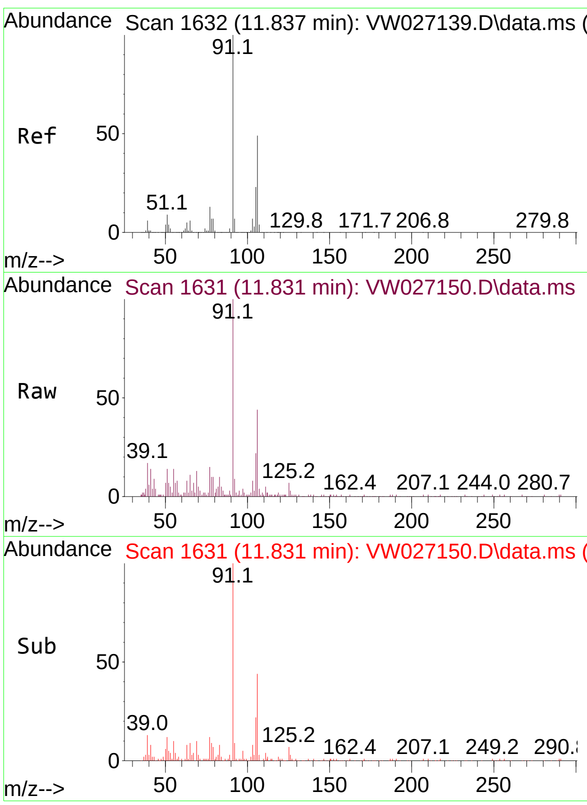
#42
Toluene
Concen: 0.930 ug/L
RT: 10.386 min Scan# 1
Delta R.T.   0.000 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 23142

Ion	Ratio	Lower	Upper
91	100		
92	60.4	42.7	79.3

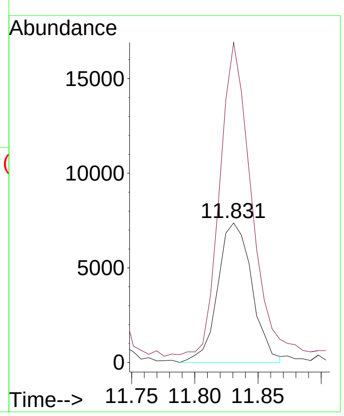


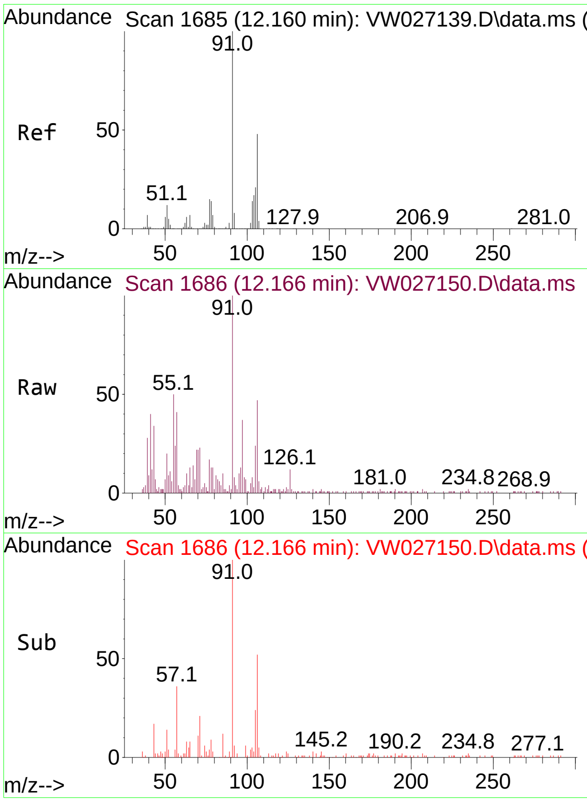


#53
m,p-Xylene
Concen: 1.326 ug/L
RT: 11.831 min Scan# 1631
Delta R.T.   -0.006 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Tgt Ion:106 Resp: 13878

Ion	Ratio	Lower	Upper
106	100		
91	229.4	142.7	265.1



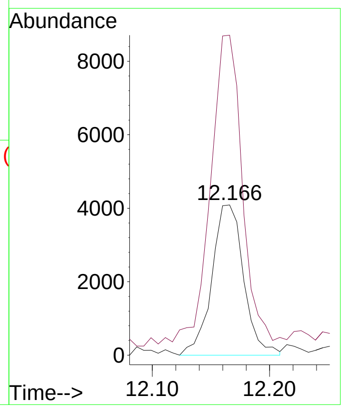


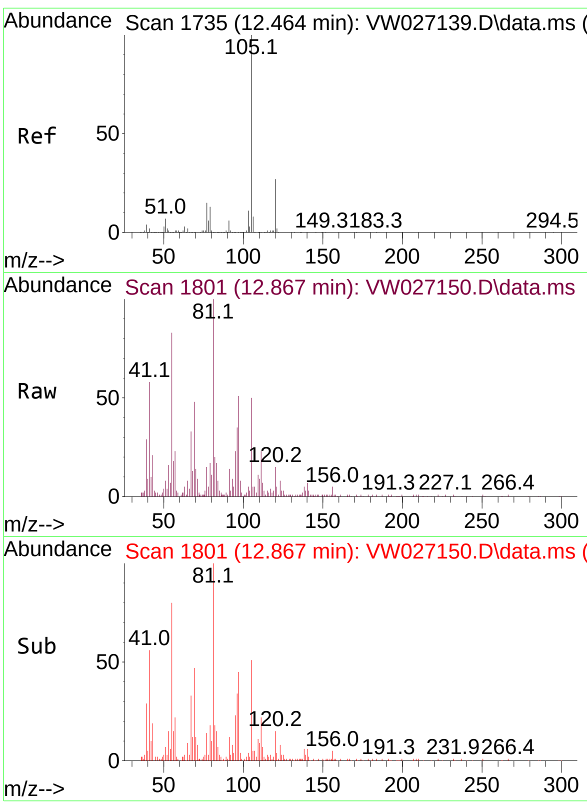
#54
o-Xylene
Concen: 0.775 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 7725

Ion	Ratio	Lower	Upper
106	100		
91	212.9	140.6	261.0

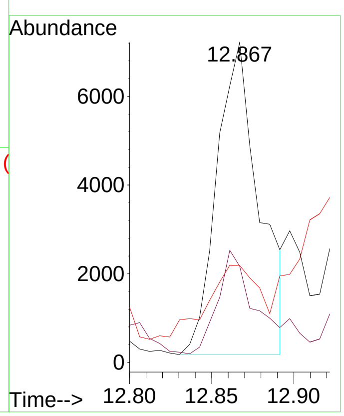


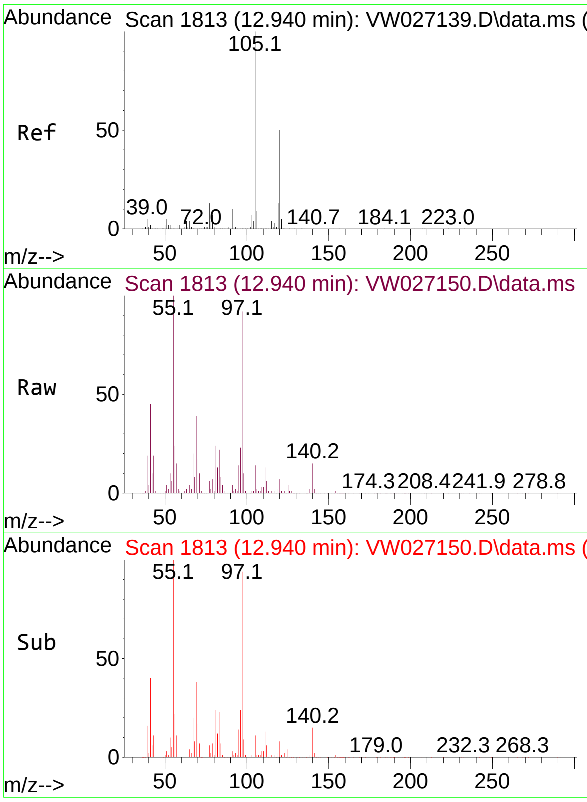


#60
Isopropylbenzene
Concen: 0.835 ug/L
RT: 12.867 min Scan# 1801
Delta R.T. 0.403 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Tgt Ion:105 Resp: 12613

Ion	Ratio	Lower	Upper
105	100		
120	28.5	21.0	31.4
77	16.1	12.0	18.0



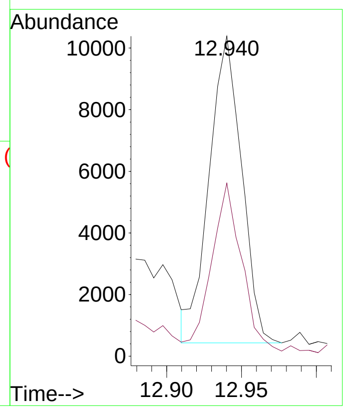


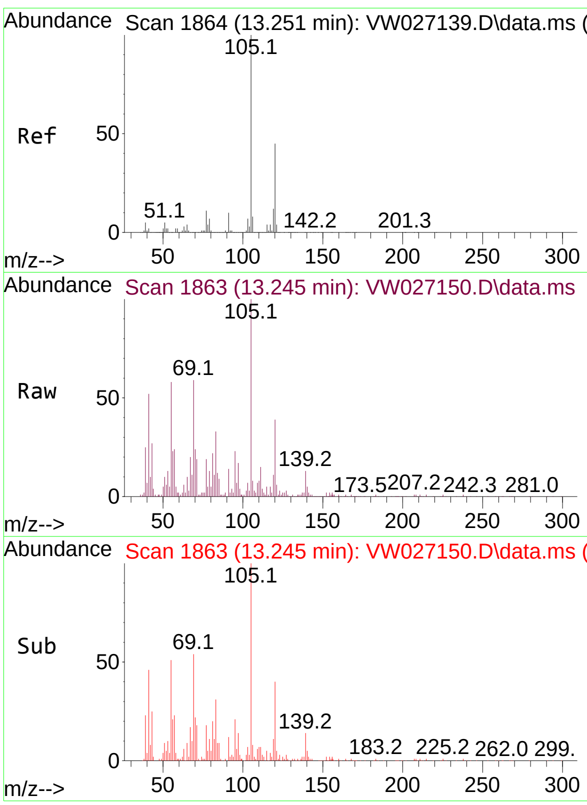
#62
1,3,5-Trimethylbenzene
Concen: 1.243 ug/L
RT: 12.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 15025

Ion	Ratio	Lower	Upper
105	100		
120	50.4	40.5	60.7

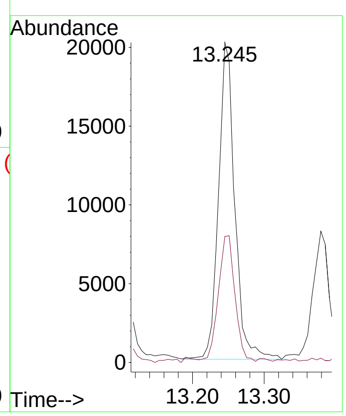


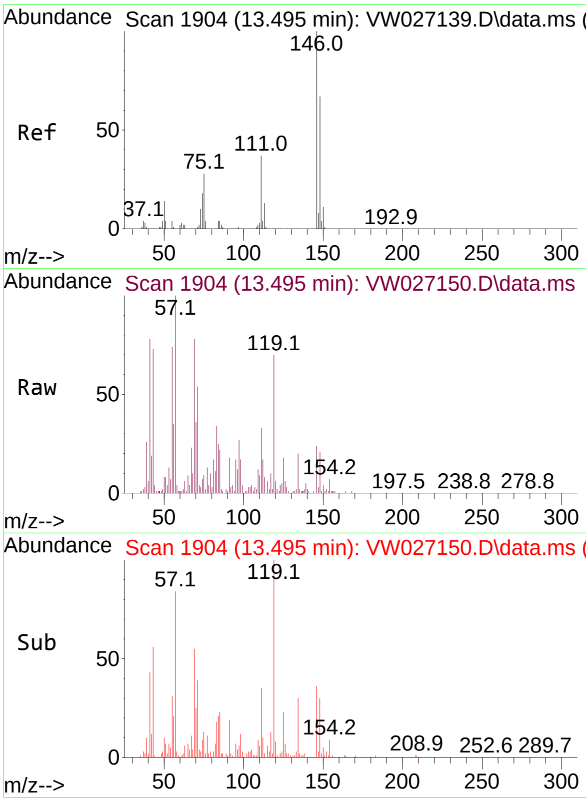


#63
1,2,4-Trimethylbenzene
Concen: 2.707 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Tgt Ion:105 Resp: 31694

Ion	Ratio	Lower	Upper
105	100		
120	40.2	36.2	54.2



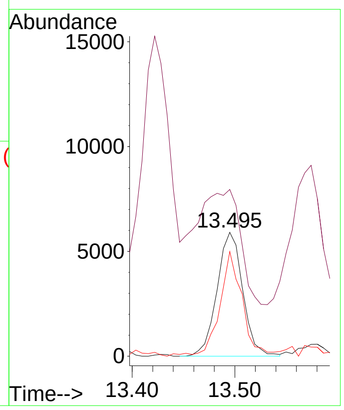


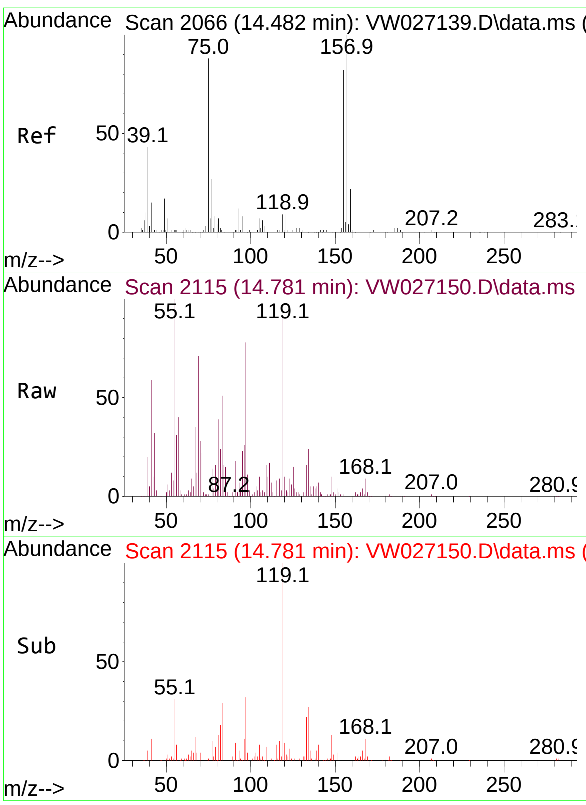
#64
1,3-Dichlorobenzene
Concen: 1.441 ug/L
RT: 13.495 min   Scan# 1
Delta R.T.   0.000 min
Lab File: VW027150.D
Acq: 19 Sep 2023   16:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 10292

Ion	Ratio	Lower	Upper
146	100		
111	134.6	27.6	51.4#
148	84.5	46.0	85.4

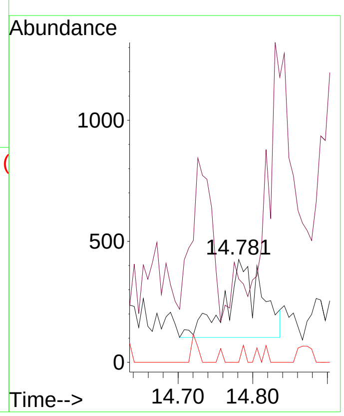


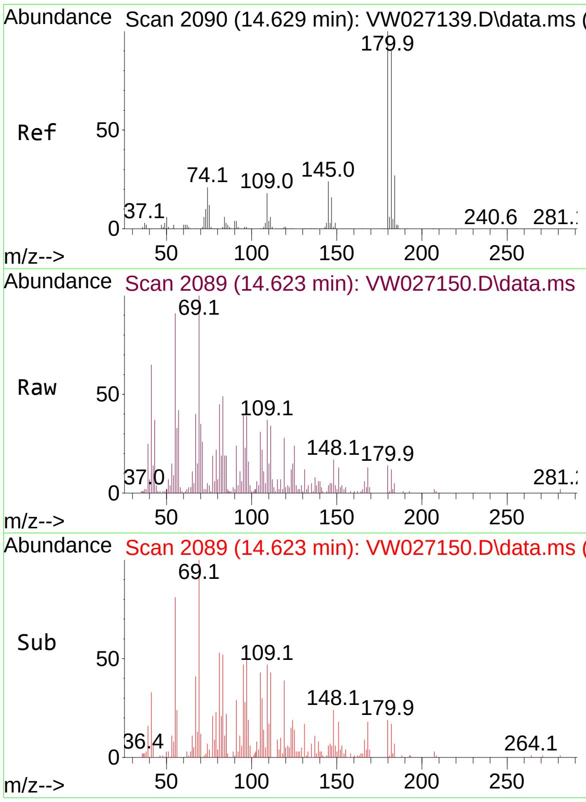


#68
1,2-Dibromo-3-chloropropane
Concen: 2.328 ug/L
RT: 14.781 min   Scan# 2115
Delta R.T.   0.299 min
Lab File: VW027150.D
Acq: 19 Sep 2023   16:15

Tgt Ion: 75 Resp: 1084

Ion	Ratio	Lower	Upper
75	100		
155	80.9	58.7	88.1
157	0.0	95.9	143.9#



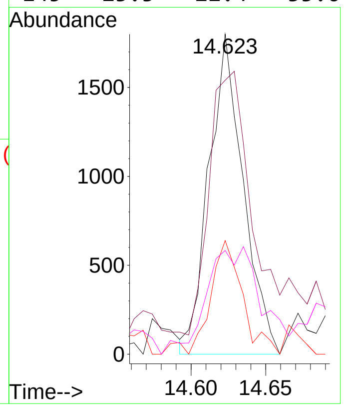


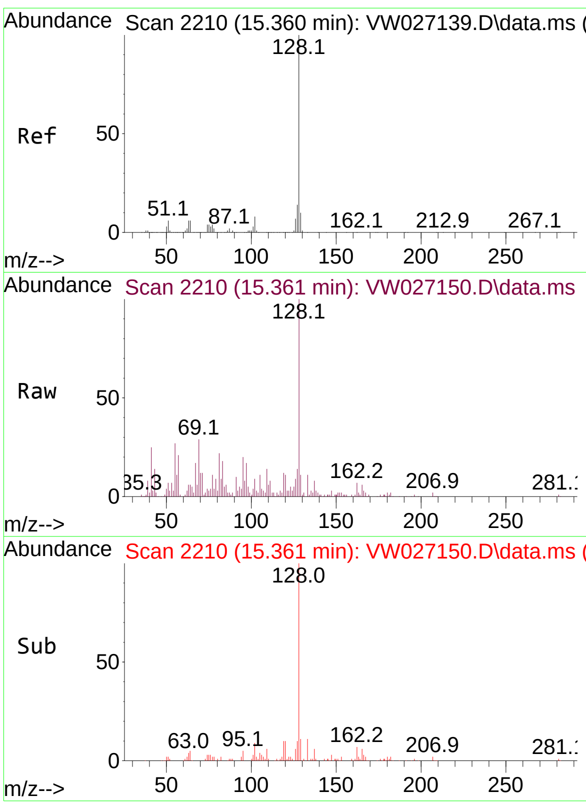
#69
1,3,5-Trichlorobenzene
Concen: 0.560 ug/L
RT: 14.623 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 2880

Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.6	115.0
184	29.6	23.8	35.8
145	23.3	22.4	33.6





#71
Naphthalene
Concen: 6.393 ug/L
RT: 15.361 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027150.D
Acq: 19 Sep 2023 16:15

Tgt Ion:128 Resp: 43329

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.7	16.1
129	11.0	8.8	13.2