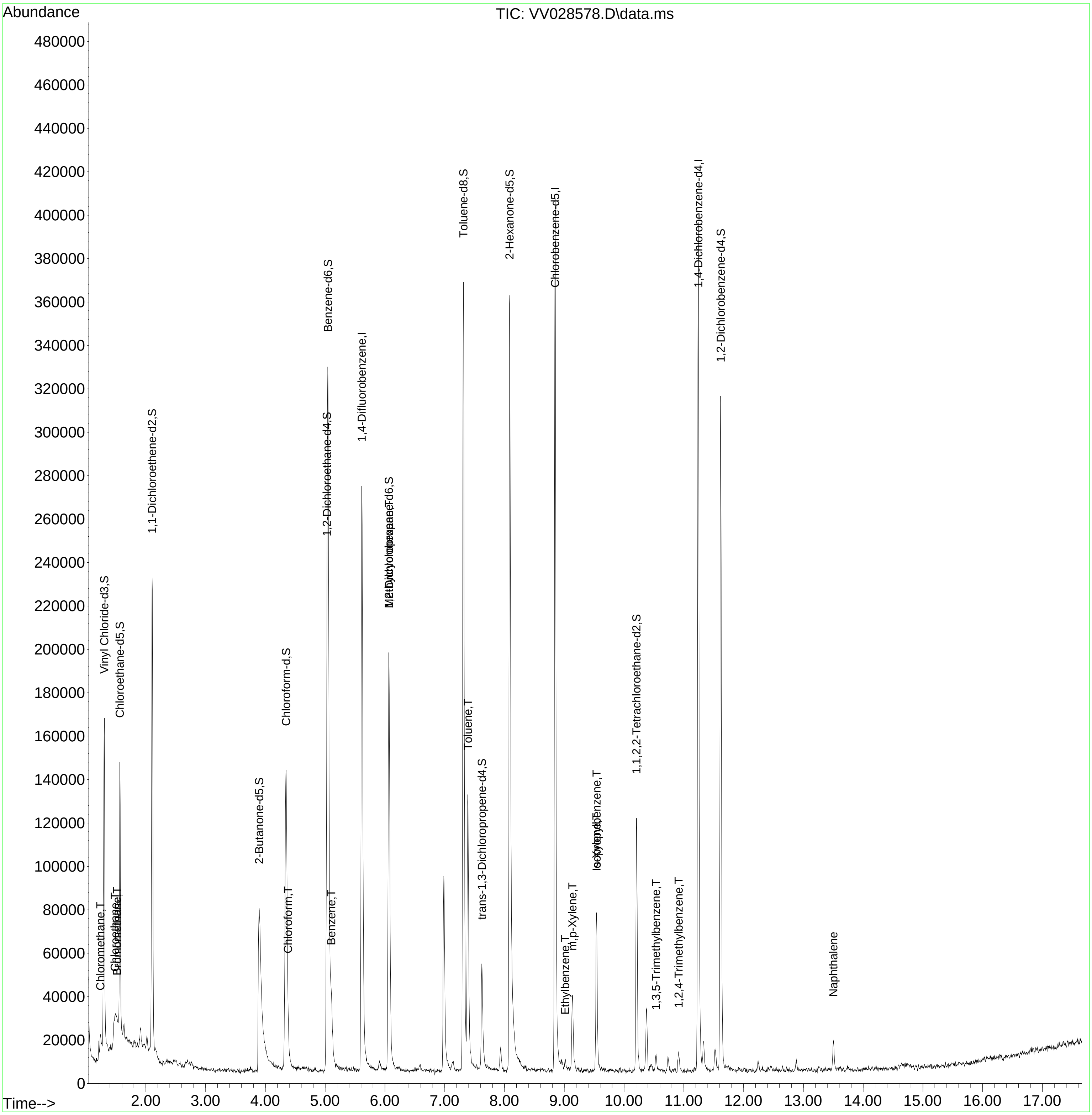
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028578.D
Acq On    : 17 Oct 2022  11:03
Operator  : SY/MD
Sample    : N5163-06
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Oct 18 01:21:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title  : TRACE VOA SFAM1.0
QLast Update : Tue Oct 18 01:19:01 2022
Response via : Initial Calibration
```

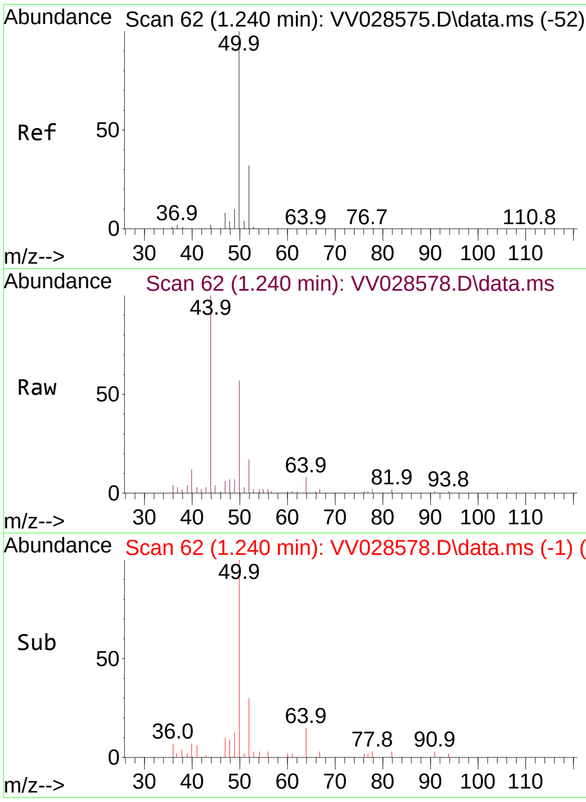
Instrument : MSVOA_V
ClientSampleId : BD716

```
       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------
Internal Standards
  1) 1,4-Difluorobenzene         5.612  114   224479     5.000 ug/L     0.00
 28) Chlorobenzene-d5            8.847  117   206614     5.000 ug/L     0.00
 58) 1,4-Dichlorobenzene-d4     11.242  152    97491     5.000 ug/L     0.00

System Monitoring Compounds
  4) Vinyl Chloride-d3           1.304   65    87186     4.513 ug/L    0.00
  Spiked Amount      5.000   Range  40 - 130    Recovery   =   90.200%
  7) Chloroethane-d5             1.564   69    77710     4.893 ug/L    0.00
  Spiked Amount      5.000   Range  65 - 130    Recovery   =   97.800%
 11) 1,1-Dichloroethene-d2       2.105   63   121055     3.460 ug/L    0.00
  Spiked Amount      5.000   Range  60 - 125    Recovery   =   69.200%
 20) 2-Butanone-d5               3.896   46   185135    44.576 ug/L    0.01
  Spiked Amount     50.000   Range  40 - 130    Recovery   =   89.160%
 24) Chloroform-d                4.346   84   137696     4.655 ug/L    0.00
  Spiked Amount      5.000   Range  70 - 125    Recovery   =   93.000%
 26) 1,2-Dichloroethane-d4       5.031   65    72367     4.693 ug/L    0.00
  Spiked Amount      5.000   Range  70 - 130    Recovery   =   93.800%
 32) Benzene-d6                  5.047   84   281806     4.224 ug/L    0.00
  Spiked Amount      5.000   Range  70 - 125    Recovery   =   84.400%
 36) 1,2-Dichloropropane-d6      6.066   67    94719     4.400 ug/L    0.00
  Spiked Amount      5.000   Range  60 - 140    Recovery   =   88.000%
 41) Toluene-d8                  7.313   98   239495     4.531 ug/L    0.00
  Spiked Amount      5.000   Range  70 - 130    Recovery   =   90.600%
 43) trans-1,3-Dichloroprop...   7.622   79    30549     4.200 ug/L    0.00
  Spiked Amount      5.000   Range  55 - 130    Recovery   =   84.000%
 46) 2-Hexanone-d5               8.085   63   139429    44.416 ug/L    0.00
  Spiked Amount     50.000   Range  45 - 130    Recovery   =   88.840%
 56) 1,1,2,2-Tetrachloroeth...  10.210   84    57596     4.492 ug/L    0.00
  Spiked Amount      5.000   Range  65 - 120    Recovery   =   89.800%
 66) 1,2-Dichlorobenzene-d4     11.619  152    74462     4.629 ug/L    0.00
  Spiked Amount      5.000   Range  80 - 120    Recovery   =   92.600%

Target Compounds                                                 Qvalue
  3) Chloromethane               1.240   50     6206     0.292 ug/L      96
  6) Bromomethane                1.519   94      780     0.084 ug/L      80
  8) Chloroethane                1.481   64    27696     2.066 ug/L #    52
 25) Chloroform                  4.378   83     9604     0.309 ug/L      83
 33) Benzene                     5.101   78    31708     0.434 ug/L     100
 35) Methylcyclohexane           6.066   83    20707     0.713 ug/L #    19
 42) Toluene                     7.387   91    93017     1.358 ug/L      96
 52) Ethylbenzene                9.014   91     2887     0.038 ug/L #    83
 53) m,p-Xylene                  9.136  106     9451     0.332 ug/L      94
 54) o-Xylene                    9.538  106    19400     0.703 ug/L      95
 60) Isopropylbenzene            9.542  105     7879     0.111 ug/L #    15
 62) 1,3,5-Trimethylbenzene     10.535  105     3110     0.145 ug/L      92
 63) 1,2,4-Trimethylbenzene     10.915  105     4520     0.077 ug/L     100
 71) Naphthalene                13.503  128    10178     0.406 ug/L      98
--------------------------------------------------------------------------

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028578.D
Acq On    : 17 Oct 2022  11:03
Operator  : SY/MD
Sample    : N5163-06
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Oct 18 01:21:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title  : TRACE VOA SFAM1.0
QLast Update : Tue Oct 18 01:19:01 2022
Response via : Initial Calibration
```

Instrument :
MSVOA_V
ClientSampleId :
BD716





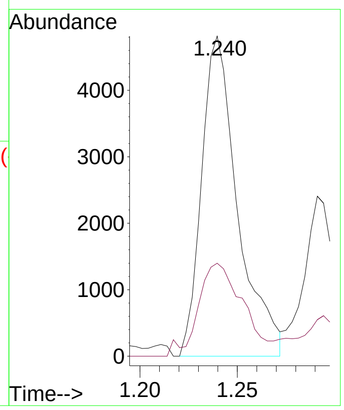
#3
Chloromethane
Concen: 0.292 ug/L
RT: 1.240 min Scan# 6

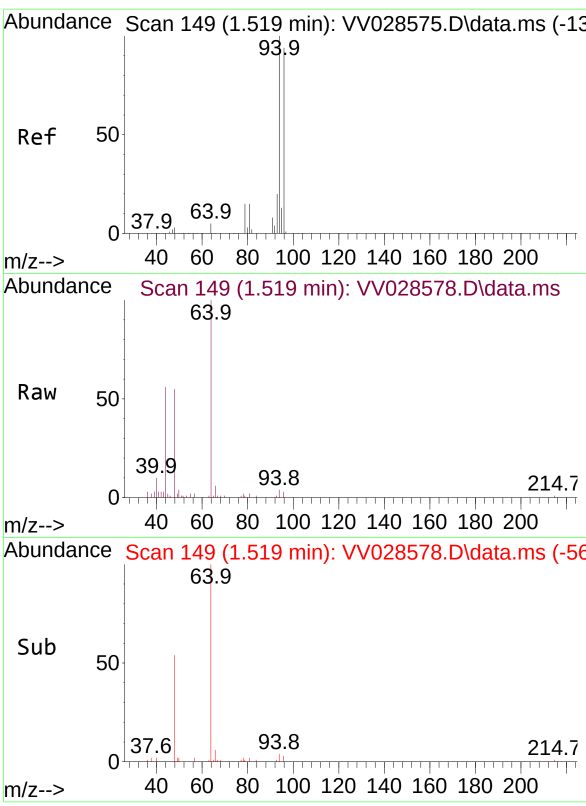
Instrument :
MSVOA_V
ClientSampleId :
BD716

Delta R.T. 0.000 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion: 50 Resp: 6206

Ion	Ratio	Lower	Upper
50	100		
52	29.1	22.0	41.0

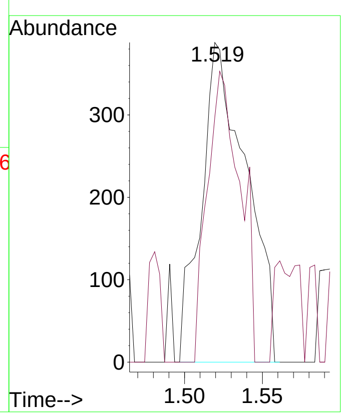


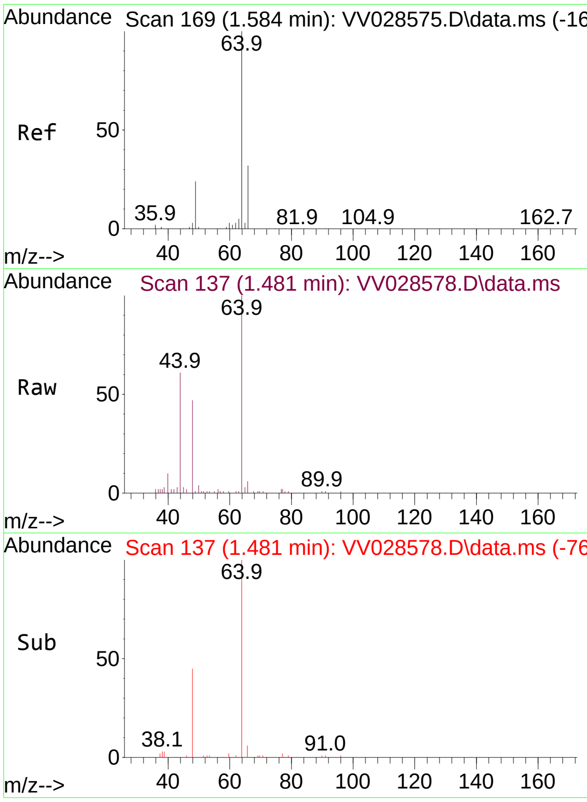


#6
Bromomethane
Concen: 0.084 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion: 94 Resp: 780

Ion	Ratio	Lower	Upper
94	100		
96	76.5	67.0	124.4



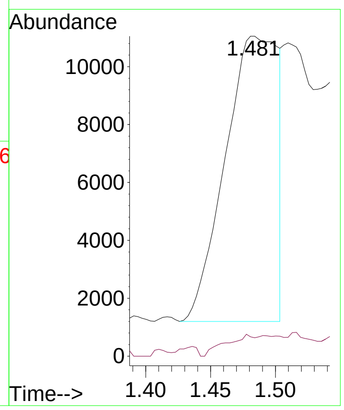


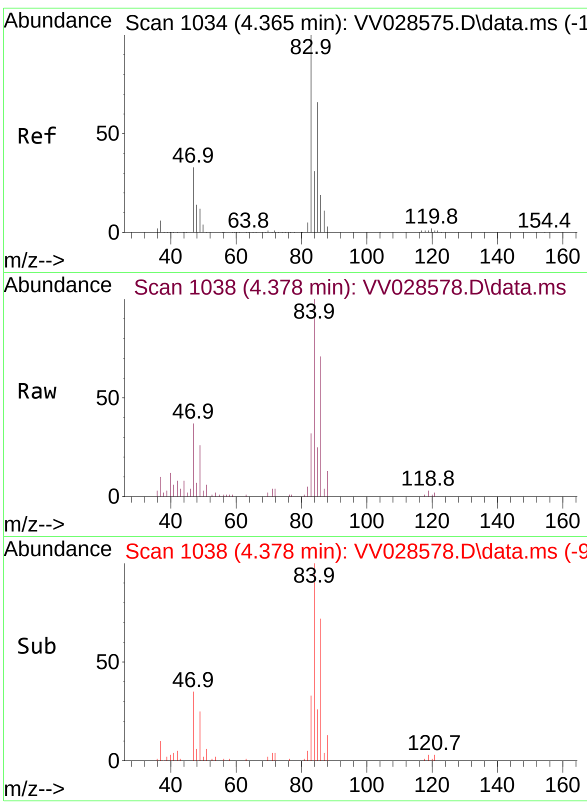
#8
Chloroethane
Concen: 2.066 ug/L
RT: 1.481 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Instrument :
MSVOA_V
ClientSampleId :
BD716

Tgt Ion: 64 Resp: 27696

Ion	Ratio	Lower	Upper
64	100		
66	6.0	23.0	42.8#

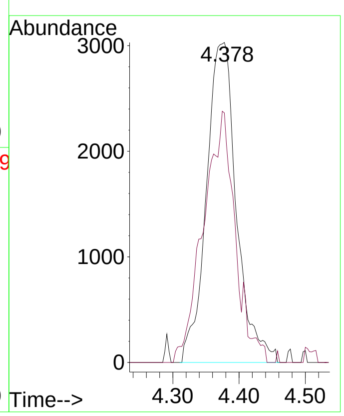


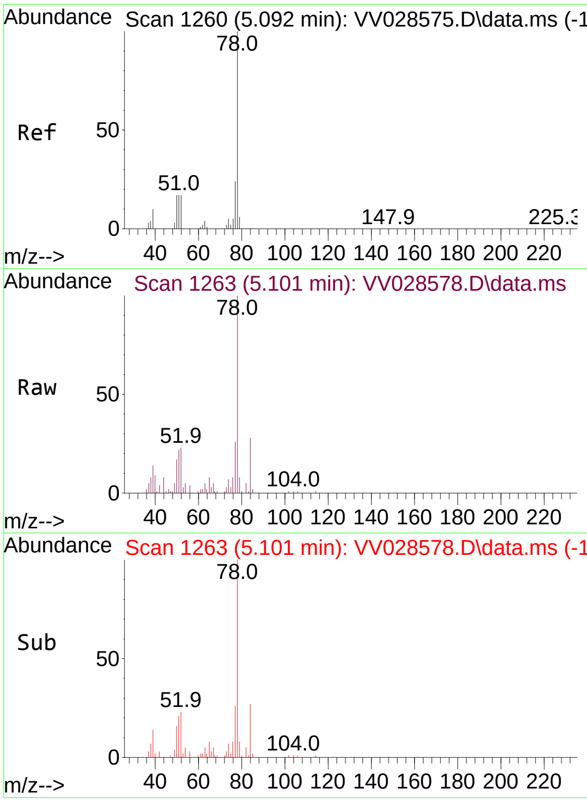


#25
Chloroform
Concen: 0.309 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion: 83 Resp: 9604

Ion	Ratio	Lower	Upper
83	100		
85	78.0	45.1	83.9

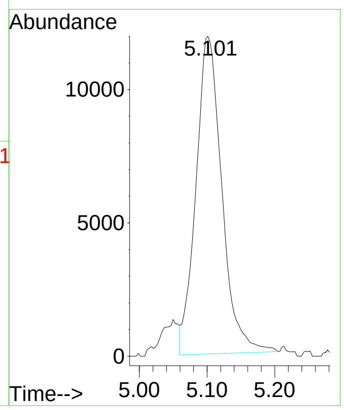


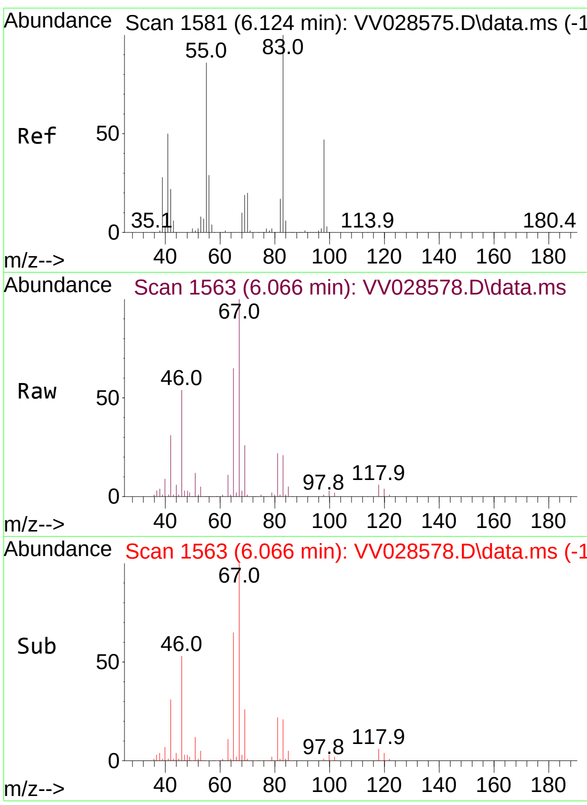


#33
Benzene
Concen: 0.434 ug/L
RT: 5.101 min   Scan# 1
Delta R.T.   0.010 min
Lab File: VV028578.D
Acq: 17 Oct 2022   11:03

Instrument :
MSVOA_V
ClientSampleId :
BD716

Tgt Ion: 78 Resp: 31708

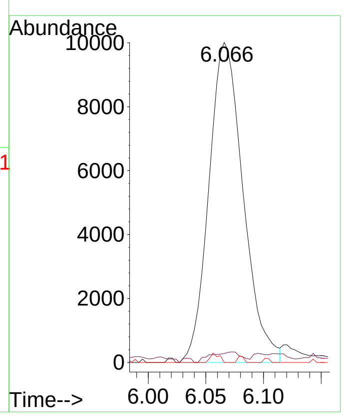


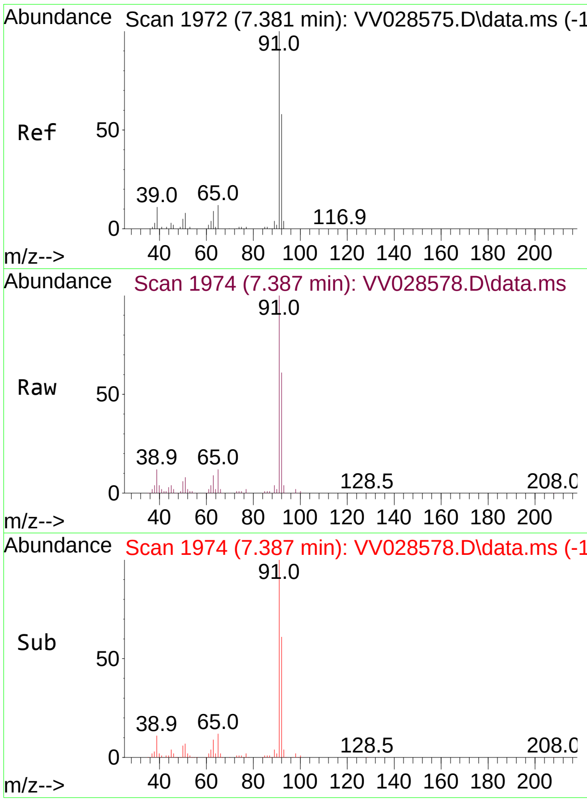


#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.066 min   Scan# 1563
Delta R.T.   -0.058 min
Lab File: VV028578.D
Acq: 17 Oct 2022   11:03

Tgt Ion: 83 Resp: 20707

Ion	Ratio	Lower	Upper
83	100		
55	3.0	65.0	97.6#
98	0.4	36.4	54.6#



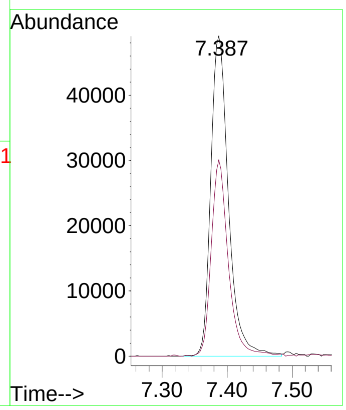


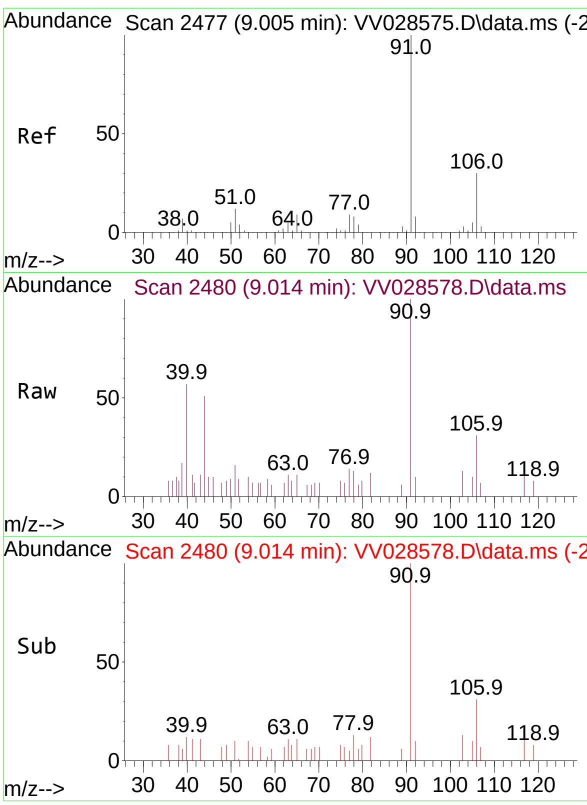
#42
Toluene
Concen: 1.358 ug/L
RT: 7.387 min Scan# 19
Delta R.T. 0.006 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Instrument :
MSVOA_V
ClientSampleId :
BD716

Tgt Ion: 91 Resp: 93017

Ion	Ratio	Lower	Upper
91	100		
92	61.3	40.7	75.5

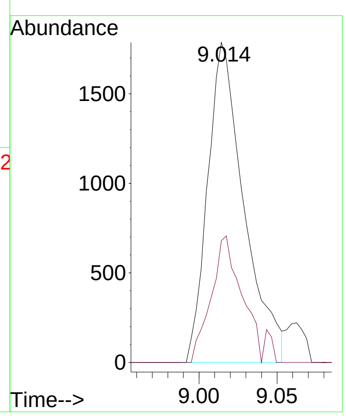


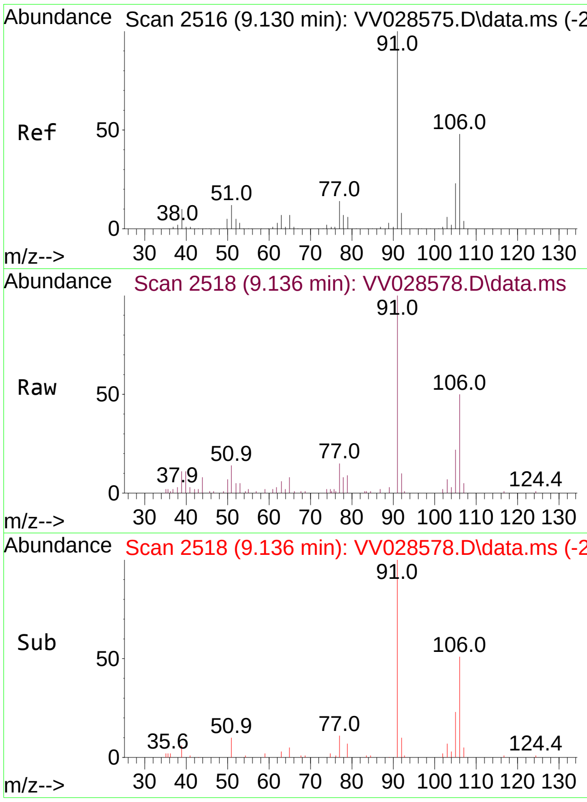


#52
Ethylbenzene
Concen: 0.038 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.010 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion: 91 Resp: 2887

Ion	Ratio	Lower	Upper
91	100		
106	38.1	20.3	37.7#



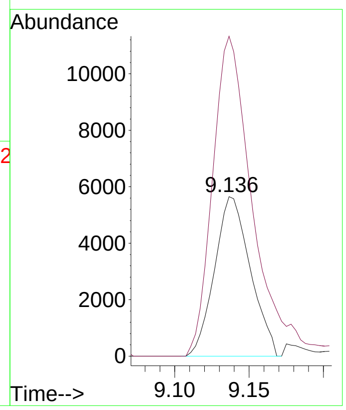


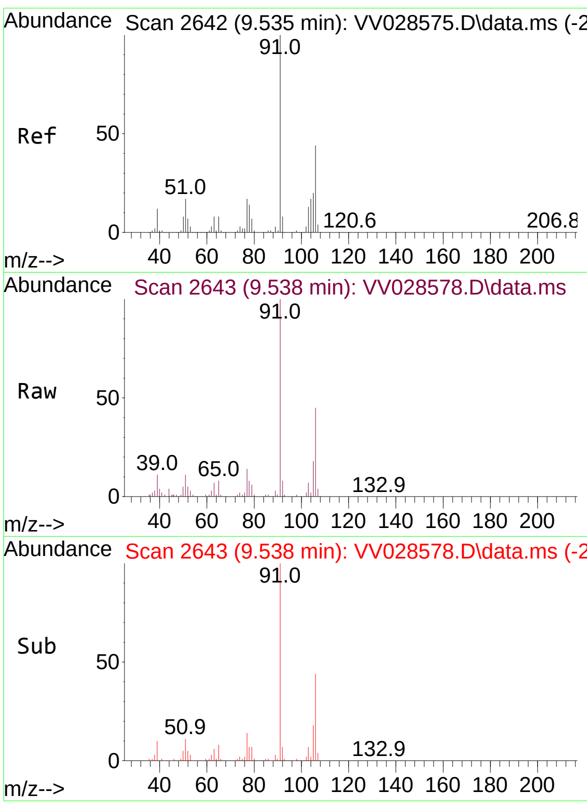
#53
m,p-Xylene
Concen: 0.332 ug/L
RT: 9.136 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Instrument :
MSVOA_V
ClientSampleId :
BD716

Tgt Ion:106 Resp: 9451

Ion	Ratio	Lower	Upper
106	100		
91	200.6	146.9	272.9

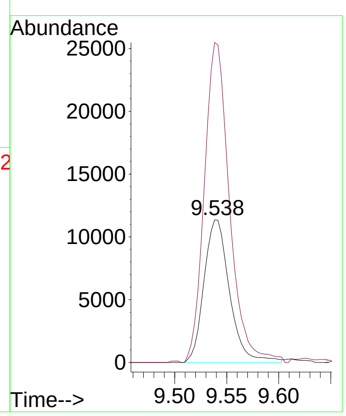


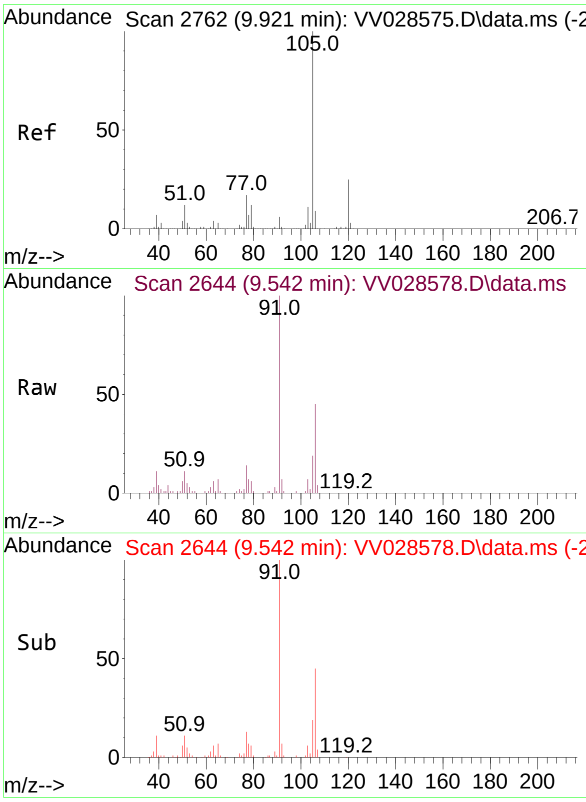


#54
o-Xylene
Concen: 0.703 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion:106 Resp: 19400

Ion	Ratio	Lower	Upper
106	100		
91	224.4	151.4	281.2





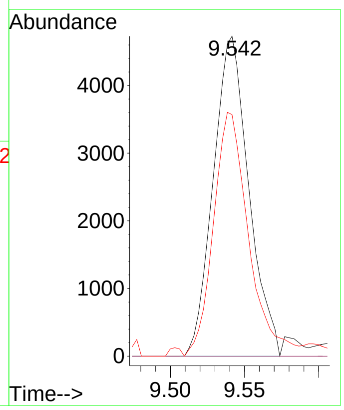
#60
Isopropylbenzene
Concen: 0.111 ug/L
RT: 9.542 min Scan# 2

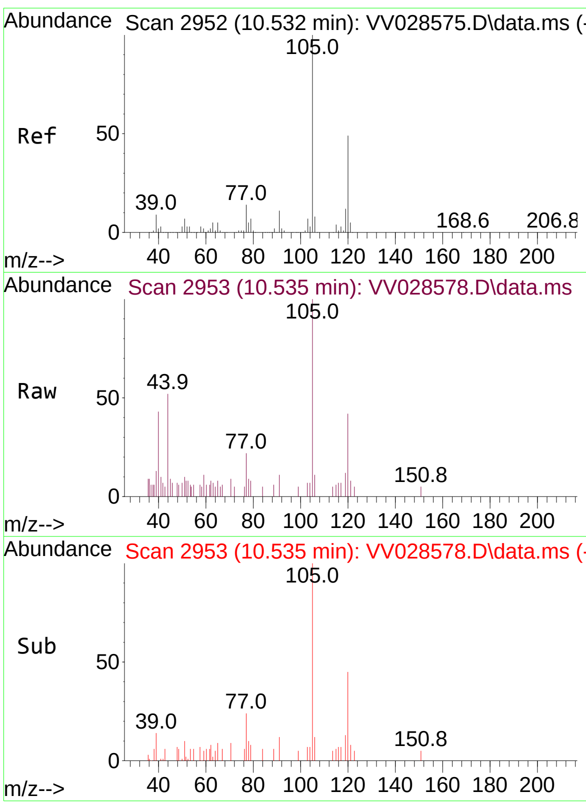
Instrument :
MSVOA_V
ClientSampleId :
BD716

Delta R.T. -0.379 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion:105 Resp: 7879

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.7	31.1#
77	75.5	13.1	19.7#

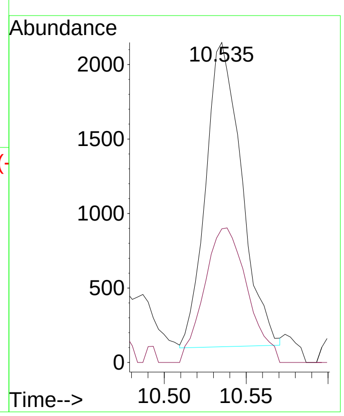


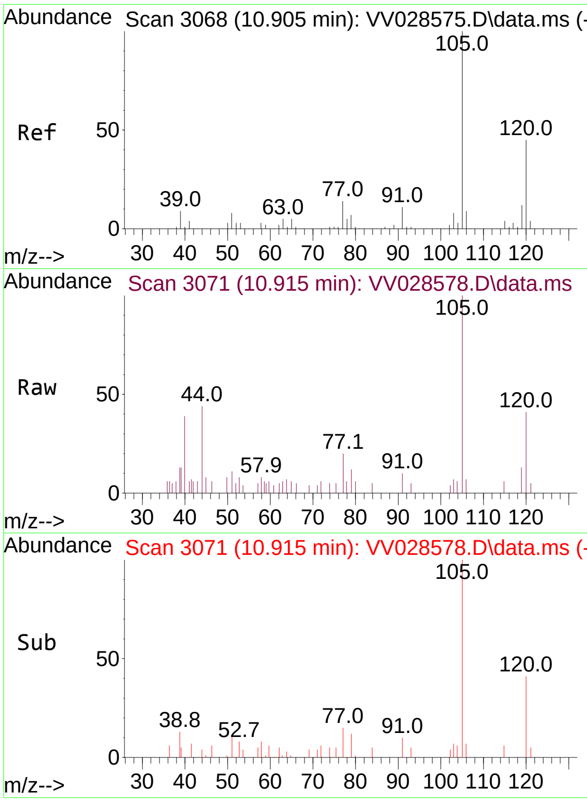


#62
1,3,5-Trimethylbenzene
Concen: 0.145 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion:105 Resp: 3110

Ion	Ratio	Lower	Upper
105	100		
120	53.0	38.0	57.0



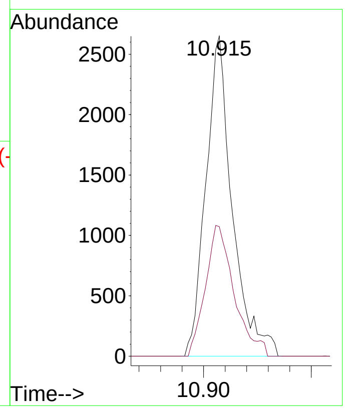


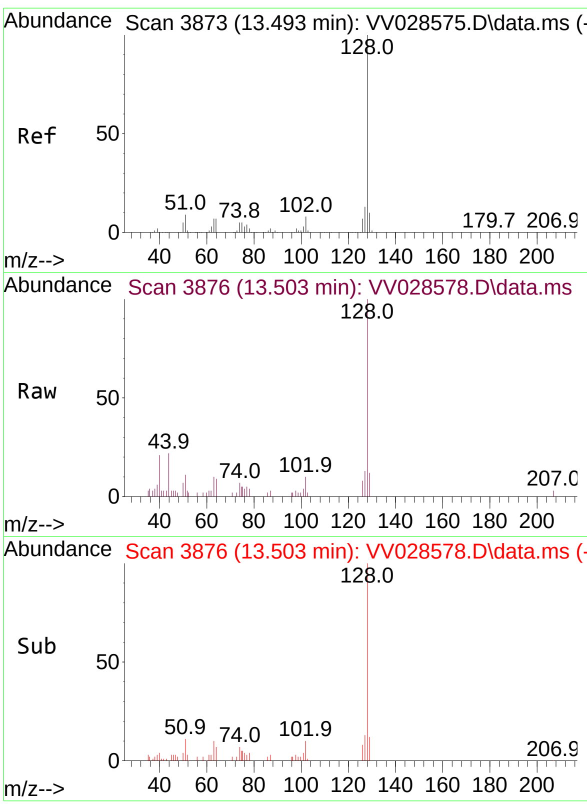
#63
1,2,4-Trimethylbenzene
Concen: 0.077 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Instrument :
MSVOA_V
ClientSampleId :
BD716

Tgt Ion:105 Resp: 4520

Ion	Ratio	Lower	Upper
105	100		
120	44.3	35.6	53.4





#71
Naphthalene
Concen: 0.406 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028578.D
Acq: 17 Oct 2022 11:03

Tgt Ion:128 Resp: 10178

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	12.0	10.1	15.1