

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030921\  
 Data File : VV020483.D  
 Acq On : 09 Mar 2021 20:01  
 Operator : SY/MD  
 Sample : M1617-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG0N5

Quant Time: Mar 10 00:23:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVTR022221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Mar 10 00:20:01 2021  
 Response via : Initial Calibration

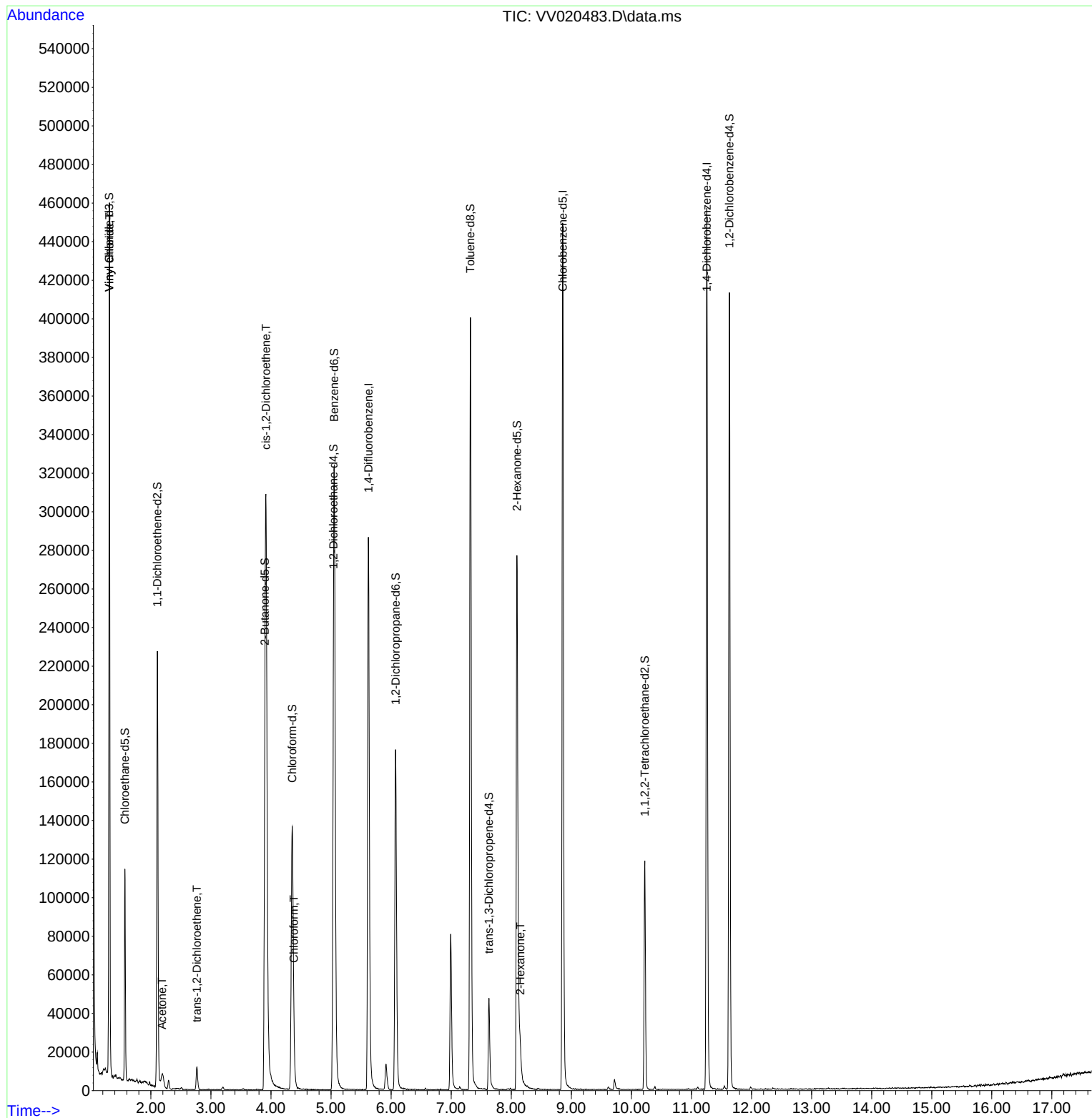
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 267866   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857  | 117   | 261638   | 5.00     | ug/L   | 0.00     |
| 61) 1,4-Dichlorobenzene-d4    | 11.255 | 152   | 124840   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 88989    | 4.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.40%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 70515    | 4.76     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 113851   | 3.10     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 62.00%   |
| 20) 2-Butanone-d5             | 3.899  | 46    | 134822   | 41.26    | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.52%   |
| 24) Chloroform-d              | 4.352  | 84    | 150634   | 4.47     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.040  | 65    | 72120    | 4.40     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.00%   |
| 32) Benzene-d6                | 5.053  | 84    | 310495   | 4.74     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67    | 88610    | 4.57     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.40%   |
| 41) Toluene-d8                | 7.320  | 98    | 280308   | 4.43     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.60%   |
| 45) trans-1,3-Dichloroprop... | 7.629  | 79    | 30390    | 4.10     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.00%   |
| 48) 2-Hexanone-d5             | 8.095  | 63    | 95584    | 36.77    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 73.54%   |
| 59) 1,1,2,2-Tetrachloroeth... | 10.223 | 84    | 54311    | 3.94     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 78.80%   |
| 65) 1,2-Dichlorobenzene-d4    | 11.632 | 152   | 116600   | 5.27     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.40%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.311  | 62    | 200982   | 6.40     | ug/L   | 100      |
| 13) Acetone                   | 2.188  | 43    | 12839    | 4.33     | ug/L # | 31       |
| 18) trans-1,2-Dichloroethene  | 2.767  | 96    | 4758     | 0.20     | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 156906   | 6.32     | ug/L   | 90       |
| 25) Chloroform                | 4.381  | 83    | 5189     | 0.12     | ug/L   | 84       |
| 50) 2-Hexanone                | 8.149  | 43    | 11420    | 1.45     | ug/L # | 96       |
| -----                         |        |       |          |          |        |          |

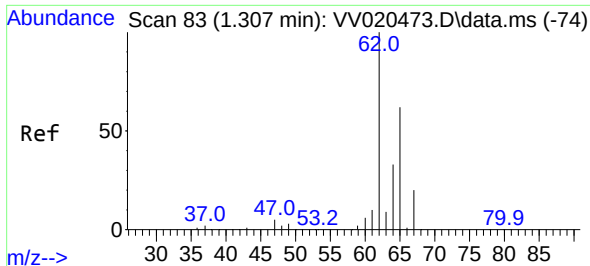
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030921\  
Data File : VV020483.D  
Acq On : 09 Mar 2021 20:01  
Operator : SY/MD  
Sample : M1617-09  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG0N5

Quant Time: Mar 10 00:23:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVTR022221WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Mar 10 00:20:01 2021  
Response via : Initial Calibration

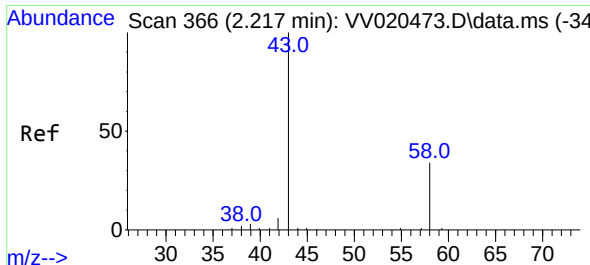
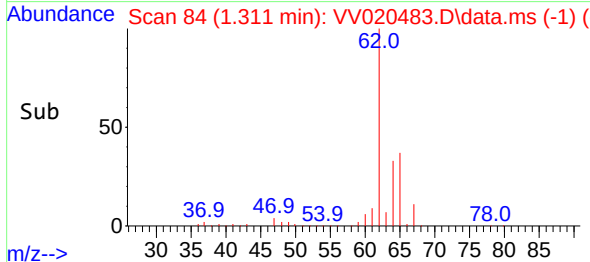
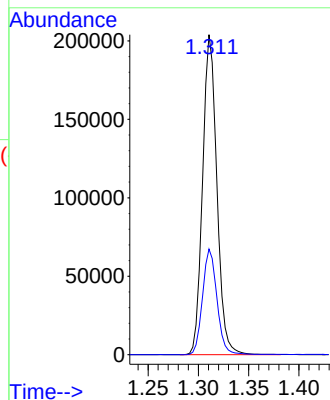
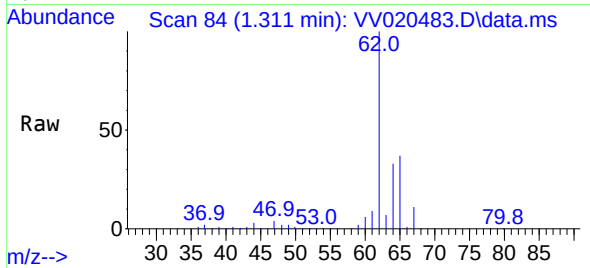




#5  
 Vinyl chloride  
 Concen: 6.40 ug/L  
 RT: 1.311 min Scan# 84  
 Delta R.T. 0.003 min  
 Lab File: VV020483.D  
 Acq: 09 Mar 2021 20:01

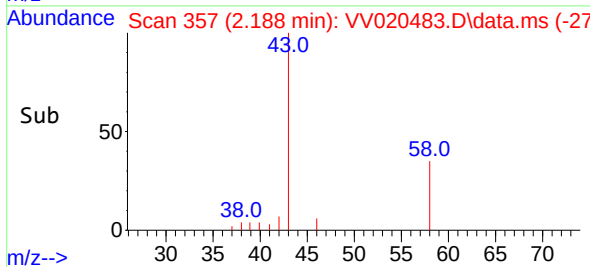
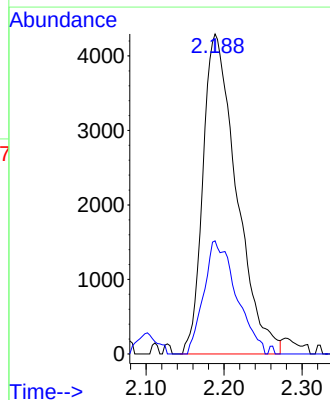
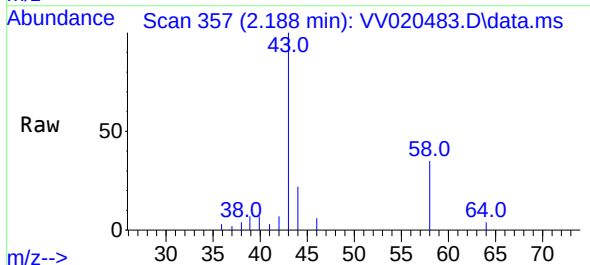
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG0N5

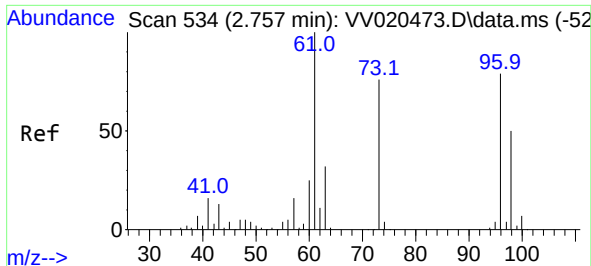
Tgt Ion: 62 Resp: 200982  
 Ion Ratio Lower Upper  
 62 100  
 64 33.0 23.0 42.8



#13  
 Acetone  
 Concen: 4.33 ug/L  
 RT: 2.188 min Scan# 357  
 Delta R.T. -0.029 min  
 Lab File: VV020483.D  
 Acq: 09 Mar 2021 20:01

Tgt Ion: 43 Resp: 12839  
 Ion Ratio Lower Upper  
 43 100  
 58 34.3 0.0 18.6#

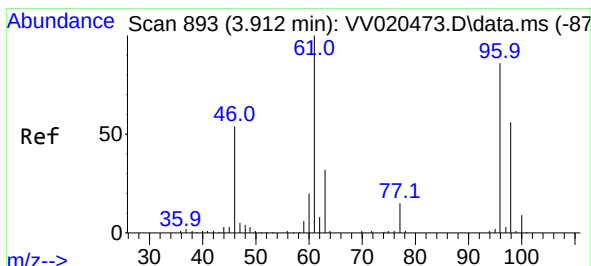
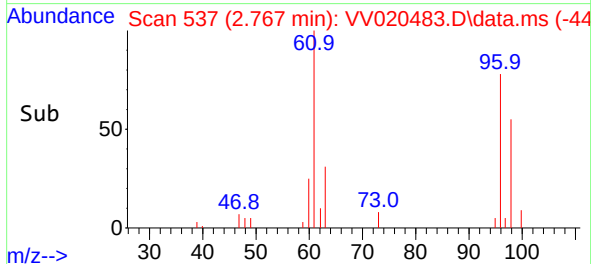
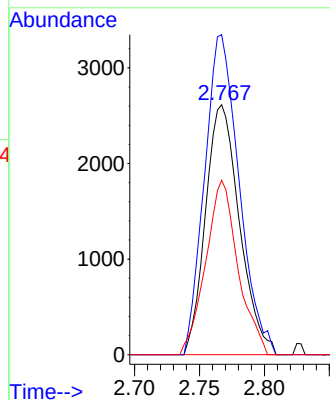
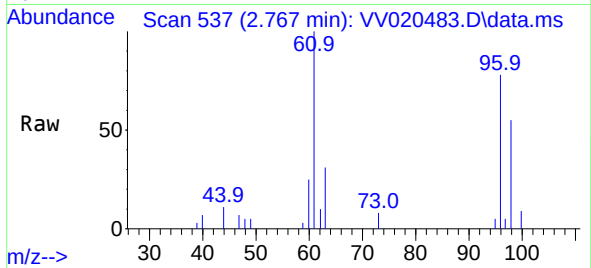




#18  
trans-1,2-Dichloroethene  
Concen: 0.20 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. 0.010 min  
Lab File: VV020483.D  
Acq: 09 Mar 2021 20:01

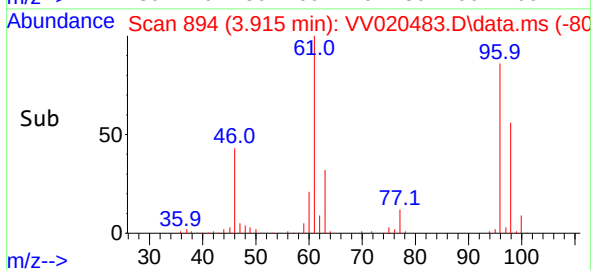
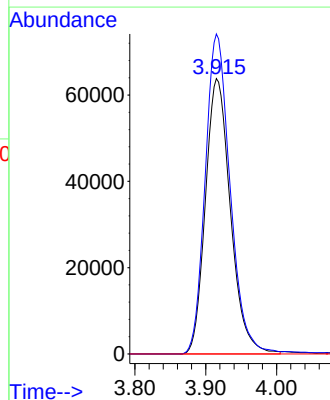
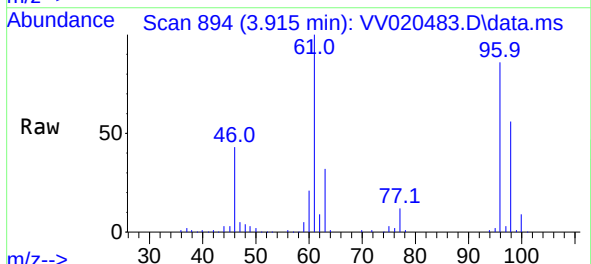
Instrument :  
MSVOA\_V  
ClientSampleId :  
BG0N5

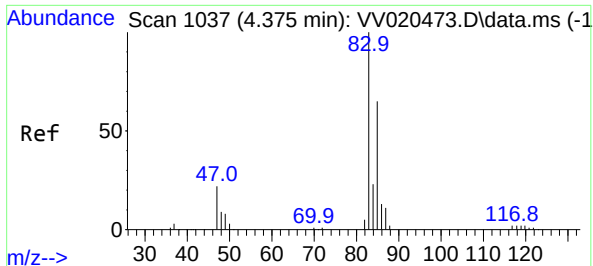
Tgt Ion: 96 Resp: 4758  
Ion Ratio Lower Upper  
96 100  
61 128.0 96.0 178.4  
98 69.8 43.5 80.9



#22  
cis-1,2-Dichloroethene  
Concen: 6.32 ug/L  
RT: 3.915 min Scan# 894  
Delta R.T. 0.003 min  
Lab File: VV020483.D  
Acq: 09 Mar 2021 20:01

Tgt Ion: 96 Resp: 156906  
Ion Ratio Lower Upper  
96 100  
61 116.2 89.6 166.4  
68 0.0 0.0 0.0



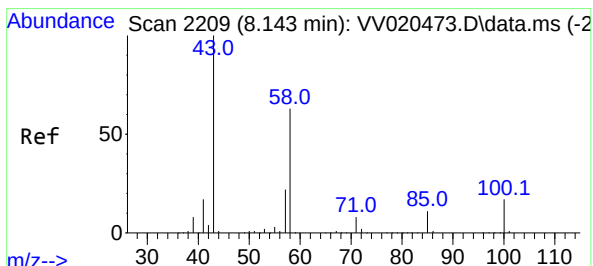
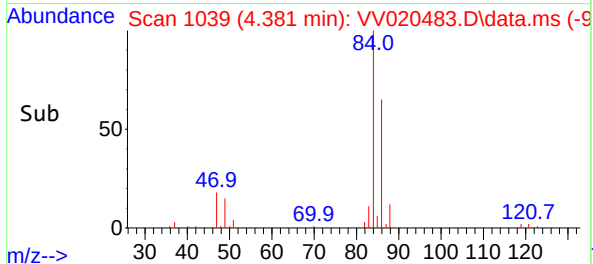
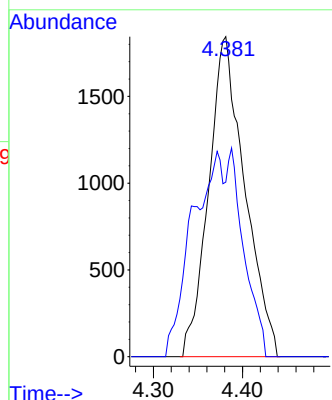
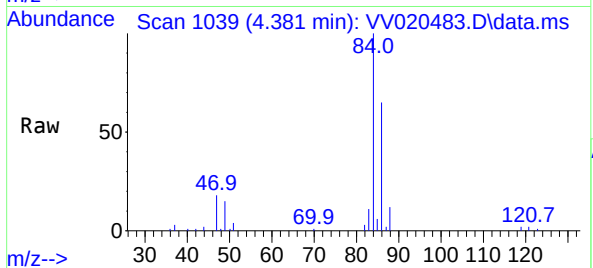


#25

Chloroform  
Concen: 0.12 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VV020483.D  
Acq: 09 Mar 2021 20:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG0N5

Tgt Ion: 83 Resp: 5189  
Ion Ratio Lower Upper  
83 100  
85 54.6 47.3 87.9



#50

2-Hexanone  
Concen: 1.45 ug/L  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.006 min  
Lab File: VV020483.D  
Acq: 09 Mar 2021 20:01

Tgt Ion: 43 Resp: 11420  
Ion Ratio Lower Upper  
43 100  
58 50.5 41.6 62.4  
57 21.1 15.4 23.0  
100 10.8 11.2 16.8#

