

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052121\  
 Data File : VV021369.D  
 Acq On : 21 May 2021 19:25  
 Operator : SY/MD  
 Sample : M2494-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB426

Quant Time: May 22 01:41:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 21 12:12:53 2021  
 Response via : Initial Calibration

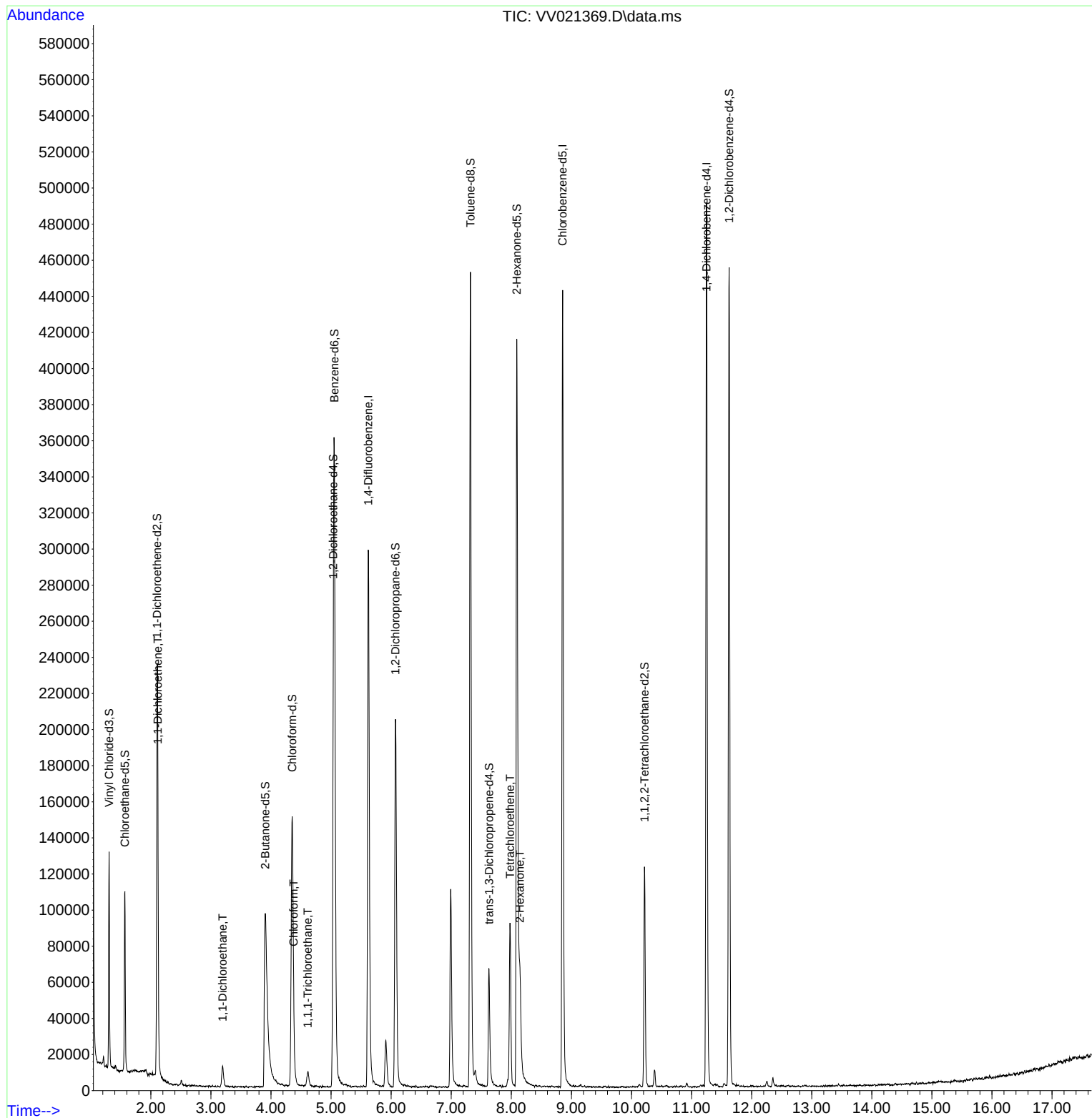
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 277506   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 255978   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 138538   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 76007    | 4.21     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.20%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 64679    | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 107974   | 3.56     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.20%   |
| 20) 2-Butanone-d5             | 3.905  | 46    | 218509   | 45.17    | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.34%   |
| 24) Chloroform-d              | 4.352  | 84    | 159537   | 4.25     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 78070    | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.40%   |
| 32) Benzene-d6                | 5.053  | 84    | 332799   | 4.37     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 105944   | 4.53     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.60%   |
| 41) Toluene-d8                | 7.320  | 98    | 306720   | 4.30     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.00%   |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 41519    | 4.20     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.00%   |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 147108   | 41.70    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.40%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 59173    | 4.16     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 83.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 125607   | 4.46     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.20%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 23057    | 1.51     | ug/L # | 36       |
| 19) 1,1-Dichloroethane        | 3.195  | 63    | 12124    | 0.37     | ug/L   | 95       |
| 25) Chloroform                | 4.378  | 83    | 4295     | 0.12     | ug/L   | 90       |
| 29) 1,1,1-Trichloroethane     | 4.613  | 97    | 6542     | 0.21     | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.979  | 164   | 21647    | 1.21     | ug/L   | 96       |
| 48) 2-Hexanone                | 8.143  | 43    | 41054    | 5.05     | ug/L # | 85       |
| -----                         |        |       |          |          |        |          |

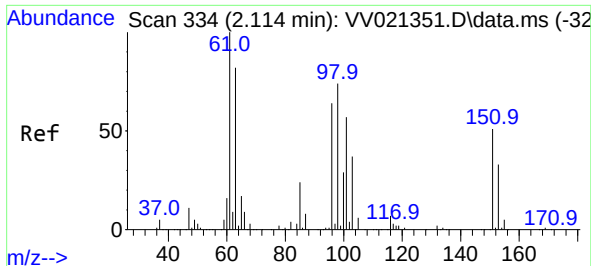
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri May 21 12:12:53 2021  
Response via : Initial Calibration

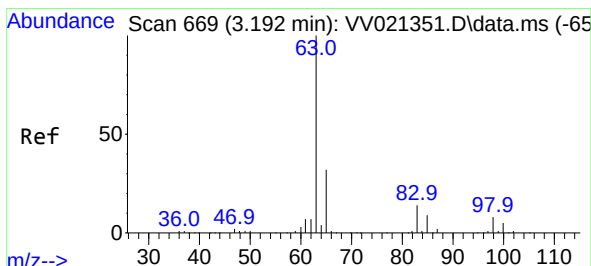
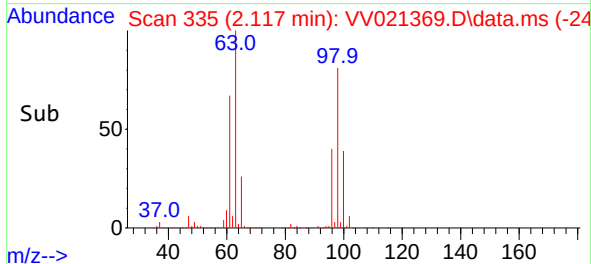
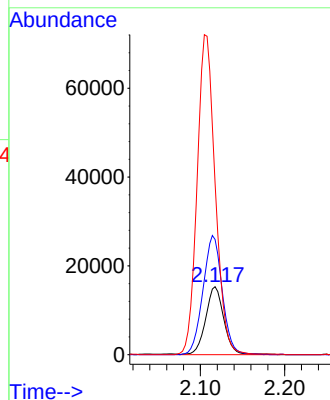
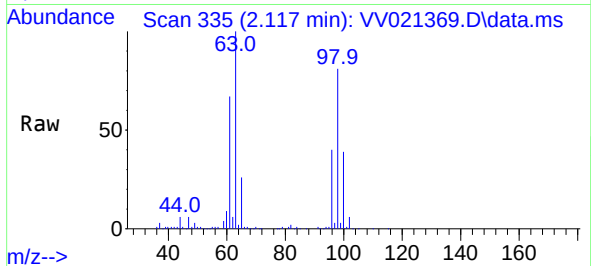




#12  
1,1-Dichloroethene  
Concen: 1.51 ug/L  
RT: 2.117 min Scan# 335  
Delta R.T. 0.003 min  
Lab File: VV021369.D  
Acq: 21 May 2021 19:25

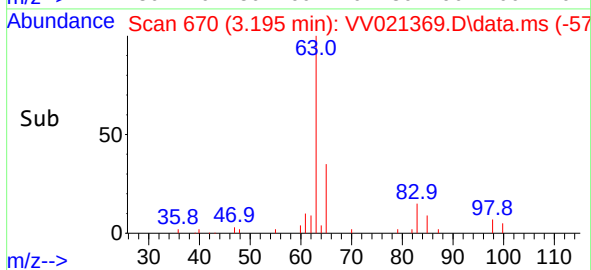
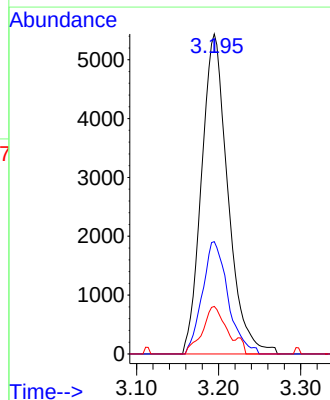
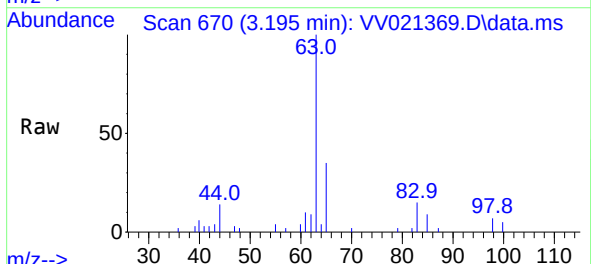
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB426

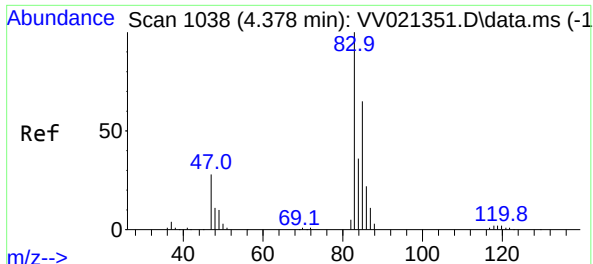
Tgt Ion: 96 Resp: 23057  
Ion Ratio Lower Upper  
96 100  
61 169.2 109.8 204.0  
63 251.9 71.3 132.3#



#19  
1,1-Dichloroethane  
Concen: 0.37 ug/L  
RT: 3.195 min Scan# 670  
Delta R.T. 0.003 min  
Lab File: VV021369.D  
Acq: 21 May 2021 19:25

Tgt Ion: 63 Resp: 12124  
Ion Ratio Lower Upper  
63 100  
65 35.1 22.3 41.5  
83 14.8 9.7 17.9



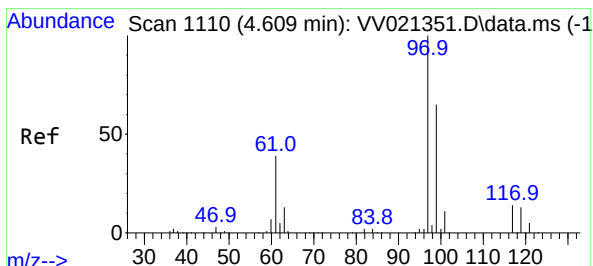
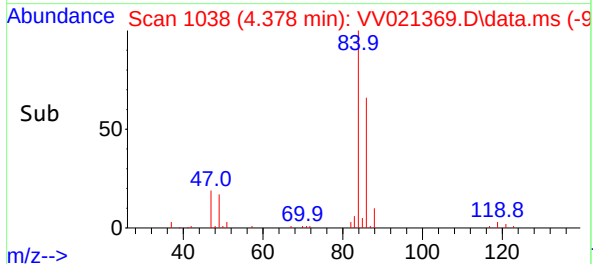
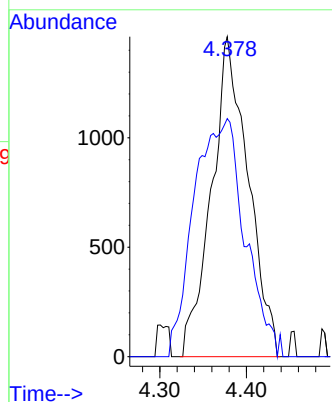
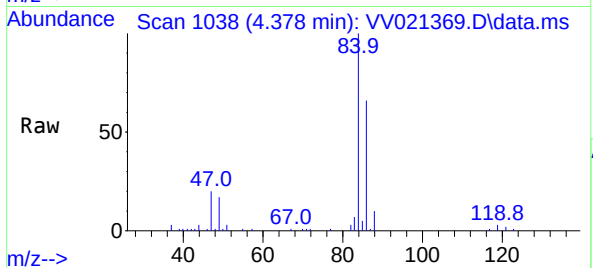


#25

Chloroform  
Concen: 0.12 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VV021369.D  
Acq: 21 May 2021 19:25

Instrument :  
MSVOA\_V  
ClientSampled :  
GB426

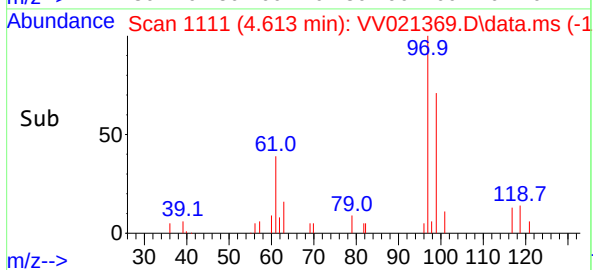
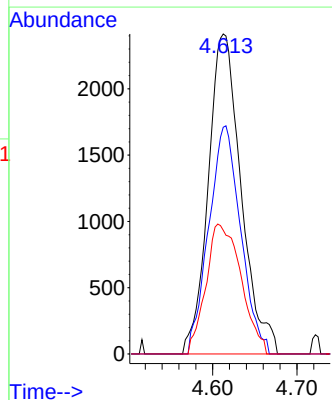
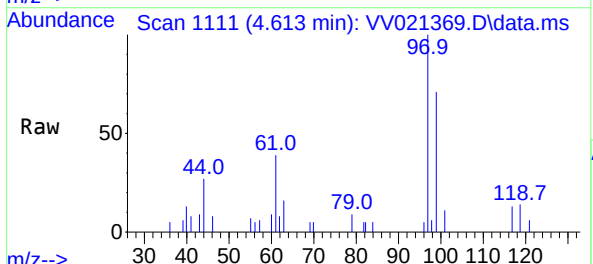
Tgt Ion: 83 Resp: 4295  
Ion Ratio Lower Upper  
83 100  
85 74.4 46.4 86.2

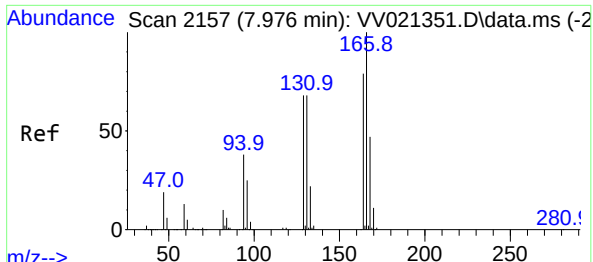


#29

1,1,1-Trichloroethane  
Concen: 0.21 ug/L  
RT: 4.613 min Scan# 1111  
Delta R.T. 0.003 min  
Lab File: VV021369.D  
Acq: 21 May 2021 19:25

Tgt Ion: 97 Resp: 6542  
Ion Ratio Lower Upper  
97 100  
99 69.2 50.6 75.8  
61 43.5 33.2 49.8





#47

Tetrachloroethene

Concen: 1.21 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021369.D

Acq: 21 May 2021 19:25

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB426

Tgt Ion:164 Resp: 21647

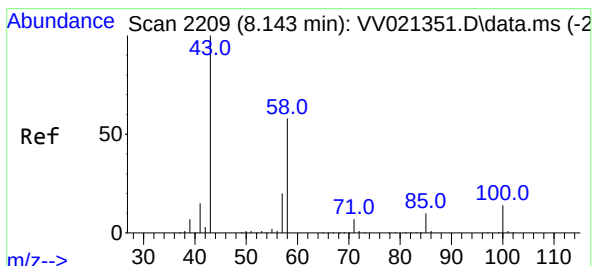
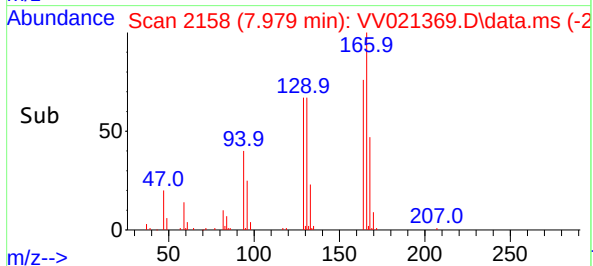
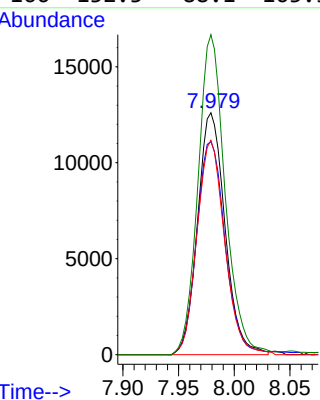
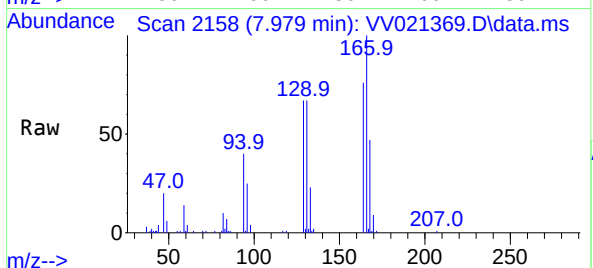
Ion Ratio Lower Upper

164 100

129 88.1 65.0 120.6

131 88.6 61.8 114.8

166 132.3 88.1 163.5



#48

2-Hexanone

Concen: 5.05 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VV021369.D

Acq: 21 May 2021 19:25

Tgt Ion: 43 Resp: 41054

Ion Ratio Lower Upper

43 100

58 47.0 47.8 71.8#

57 15.7 16.6 24.8#

100 10.0 11.5 17.3#

