

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011421\  
 Data File : VW020000.D  
 Acq On : 14 Jan 2021 14:36  
 Operator : SY/MD  
 Sample : M1147-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4X6

Quant Time: Jan 15 01:08:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM011121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 13 13:06:01 2021  
 Response via : Initial Calibration

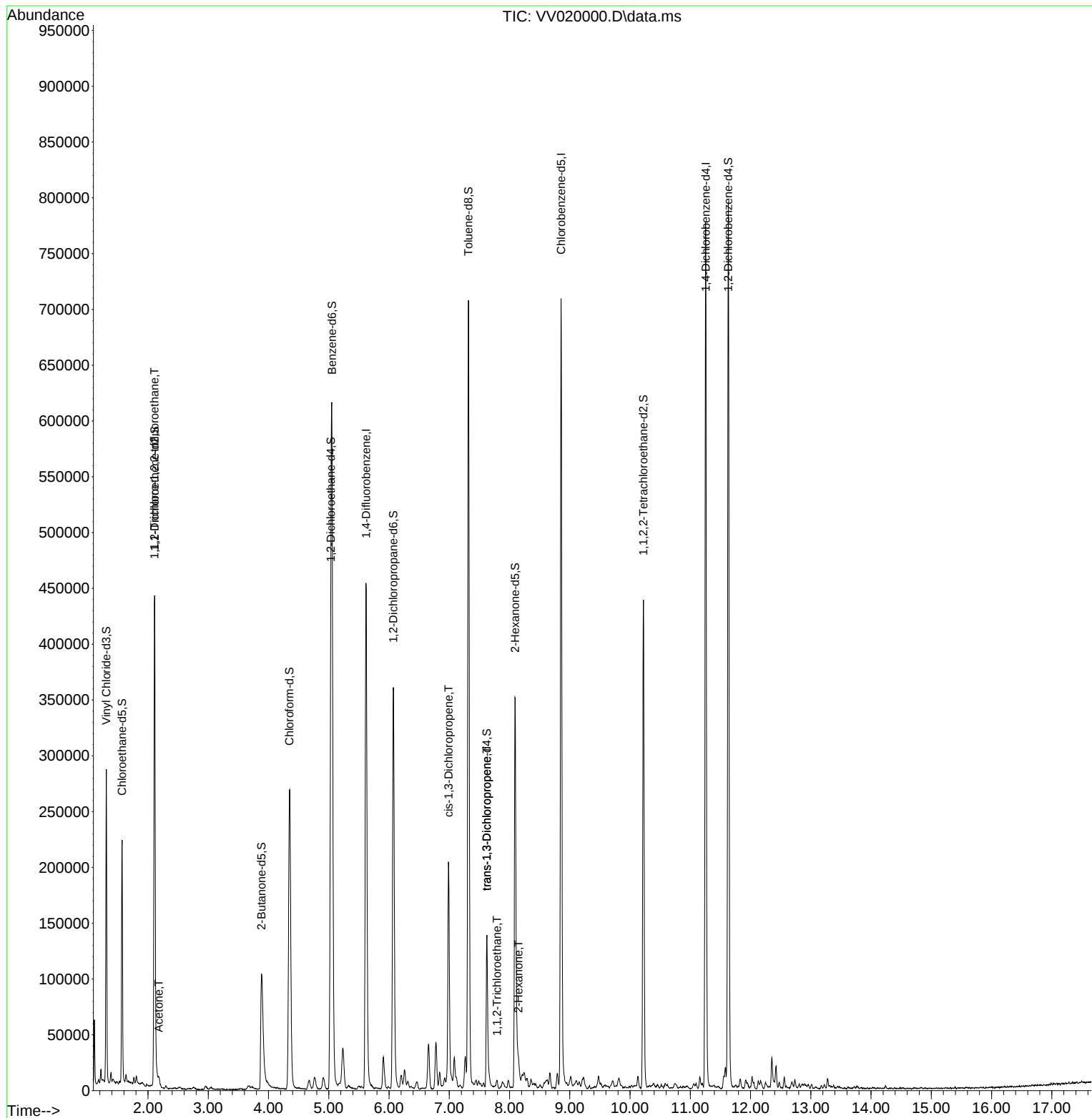
| Compound                      | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                         |                |      |                    |       |        |          |
| Internal Standards            |                |      |                    |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.618          | 114  | 362382             | 50.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.855          | 117  | 351506             | 50.00 | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 182772             | 50.00 | ug/L   | 0.00     |
|                               |                |      |                    |       |        |          |
| System Monitoring Compounds   |                |      |                    |       |        |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 154198             | 50.45 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 100.90% |       |        |          |
| 7) Chloroethane-d5            | 1.570          | 69   | 132335             | 54.24 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 108.48% |       |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.110          | 63   | 235669             | 39.15 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 78.30%  |       |        |          |
| 21) 2-Butanone-d5             | 3.885          | 46   | 185676             | 93.64 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 93.64%  |       |        |          |
| 24) Chloroform-d              | 4.348          | 84   | 267850             | 48.65 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 97.30%  |       |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.032          | 65   | 191225             | 51.09 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 102.18% |       |        |          |
| 32) Benzene-d6                | 5.052          | 84   | 494802             | 49.88 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 99.76%  |       |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.071          | 67   | 156176             | 50.42 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 100.84% |       |        |          |
| 41) Toluene-d8                | 7.319          | 98   | 437758             | 48.69 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 97.38%  |       |        |          |
| 43) trans-1,3-Dichloroprop... | 7.624          | 79   | 71509              | 44.49 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 88.98%  |       |        |          |
| 47) 2-Hexanone-d5             | 8.090          | 63   | 105833             | 85.23 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 85.23%  |       |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 190705             | 45.54 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 91.08%  |       |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.630         | 152  | 178752             | 50.64 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 101.28% |       |        |          |
|                               |                |      |                    |       |        |          |
| Target Compounds              |                |      |                    |       |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.107          | 101  | 1981               | 0.75  | ug/L # | 25       |
| 13) Acetone                   | 2.177          | 43   | 6020               | 3.44  | ug/L   | 91       |
| 39) cis-1,3-Dichloropropene   | 6.987          | 75   | 5353               | 1.29  | ug/L # | 62       |
| 44) trans-1,3-Dichloropropene | 7.624          | 75   | 4034               | 0.96  | ug/L   | 89       |
| 45) 1,1,2-Trichloroethane     | 7.791          | 97   | 2566               | 0.99  | ug/L # | 20       |
| 48) 2-Hexanone                | 8.148          | 43   | 10049              | 3.14  | ug/L # | 85       |
| -----                         |                |      |                    |       |        |          |

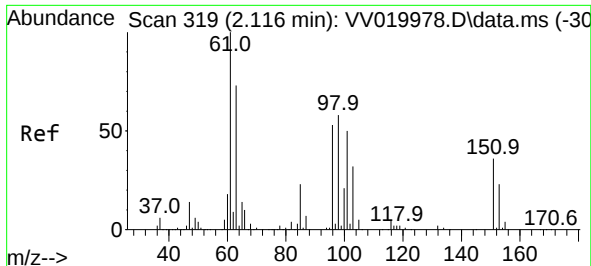
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BG4X6

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM011121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jan 13 13:06:01 2021  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.75 ug/L

RT: 2.107 min Scan# 316

Delta R.T. -0.010 min

Lab File: VV020000.D

Acq: 14 Jan 2021 14:36

Instrument :

MSVOA\_V

ClientSampleId :

BG4X6

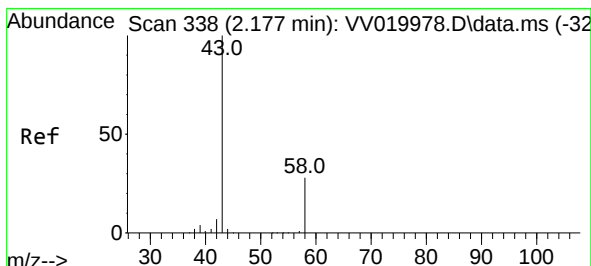
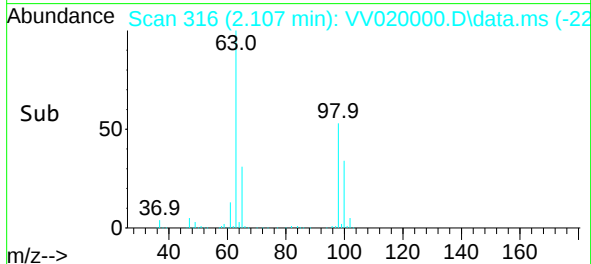
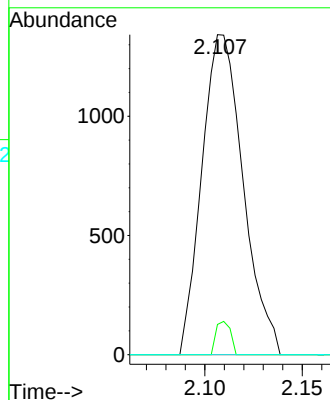
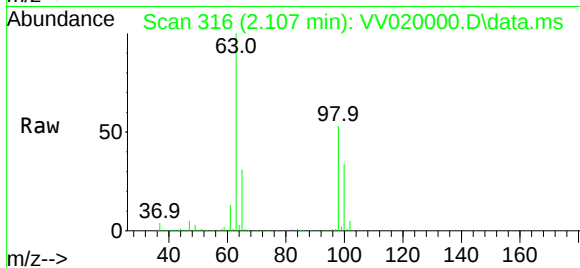
Tgt Ion:101 Resp: 1981

Ion Ratio Lower Upper

101 100

85 3.7 35.3 52.9#

151 0.0 53.6 80.4#



#13

Acetone

Concen: 3.44 ug/L

RT: 2.177 min Scan# 338

Delta R.T. 0.000 min

Lab File: VV020000.D

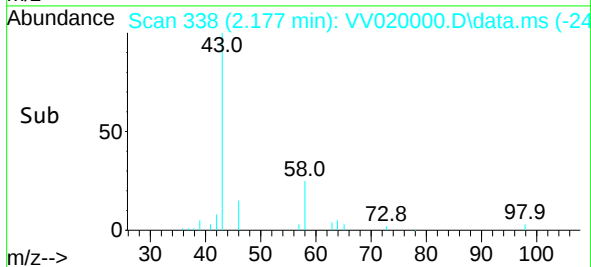
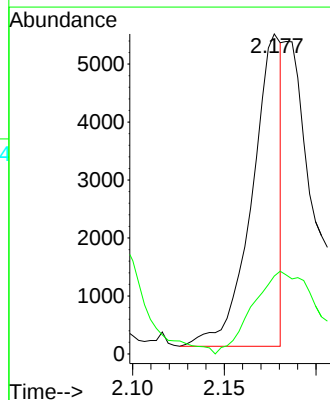
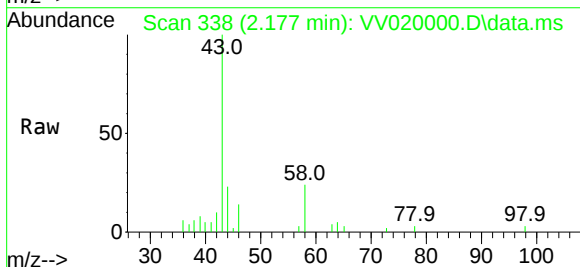
Acq: 14 Jan 2021 14:36

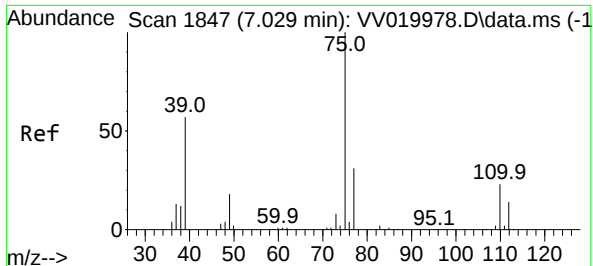
Tgt Ion: 43 Resp: 6020

Ion Ratio Lower Upper

43 100

58 35.0 0.0 60.2



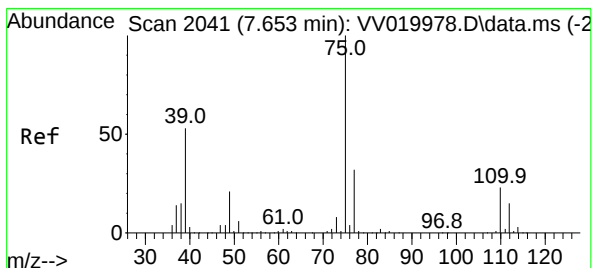
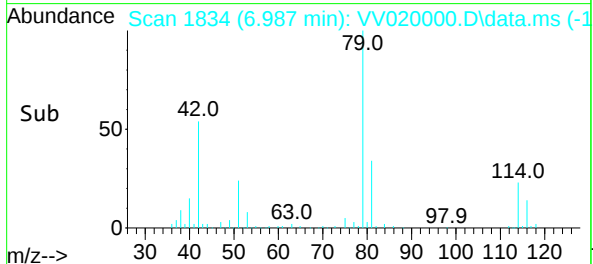
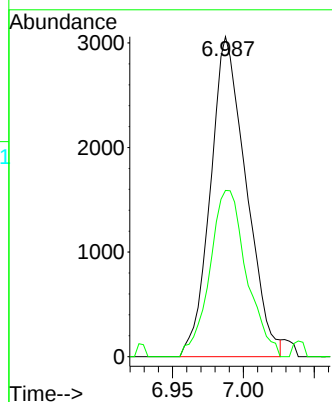
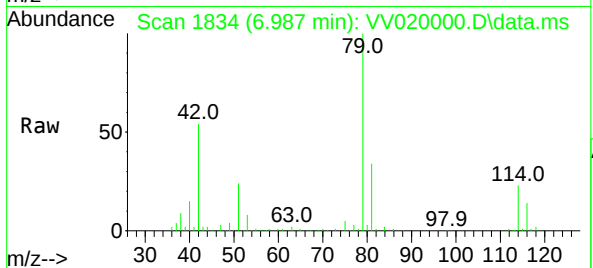


#39

cis-1,3-Dichloropropene  
Concen: 1.29 ug/L  
RT: 6.987 min Scan# 1834  
Delta R.T. -0.042 min  
Lab File: VV020000.D  
Acq: 14 Jan 2021 14:36

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MSVOA\_V  
ClientSampled :  
BG4X6

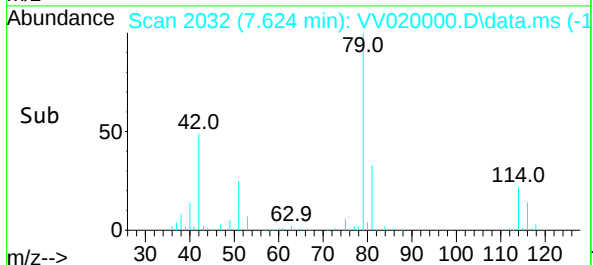
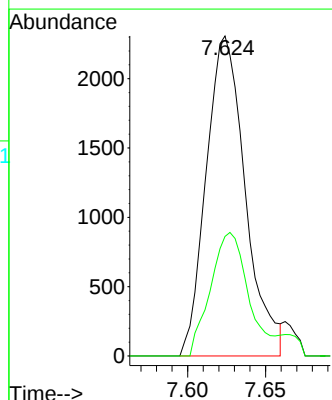
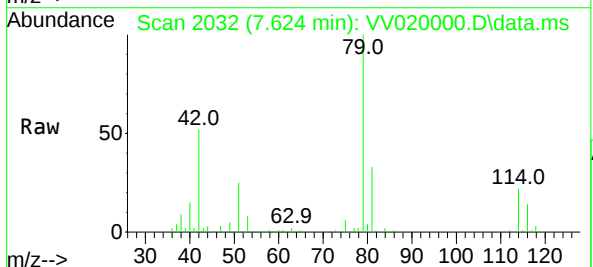
Tgt Ion: 75 Resp: 5353  
Ion Ratio Lower Upper  
75 100  
77 51.9 21.8 40.6#

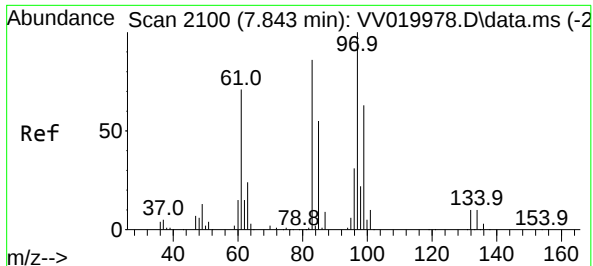


#44

trans-1,3-Dichloropropene  
Concen: 0.96 ug/L  
RT: 7.624 min Scan# 2032  
Delta R.T. -0.029 min  
Lab File: VV020000.D  
Acq: 14 Jan 2021 14:36

Tgt Ion: 75 Resp: 4034  
Ion Ratio Lower Upper  
75 100  
77 37.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 0.99 ug/L

RT: 7.791 min Scan# 2084

Delta R.T. -0.051 min

Lab File: VV020000.D

Acq: 14 Jan 2021 14:36

Tgt Ion: 97 Resp: 2566

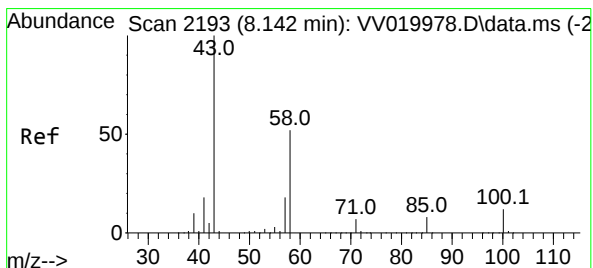
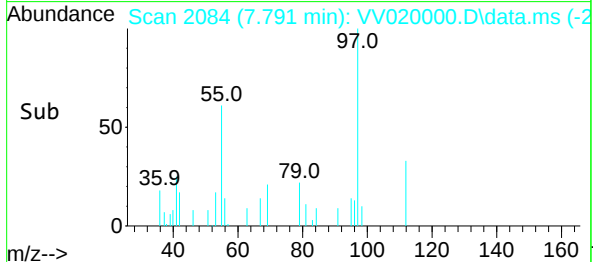
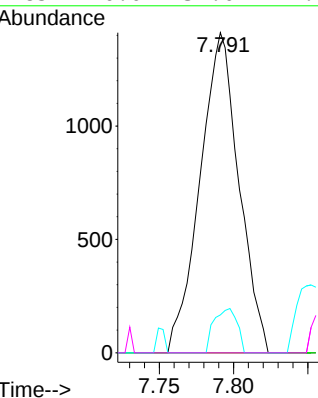
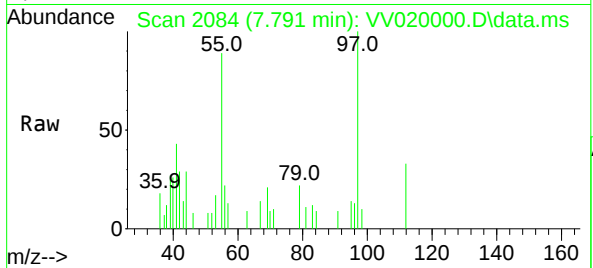
Ion Ratio Lower Upper

97 100

99 0.0 43.8 81.3#

83 11.8 62.2 115.4#

85 0.0 39.0 72.4#



#48

2-Hexanone

Concen: 3.14 ug/L

RT: 8.148 min Scan# 2195

Delta R.T. 0.006 min

Lab File: VV020000.D

Acq: 14 Jan 2021 14:36

Tgt Ion: 43 Resp: 10049

Ion Ratio Lower Upper

43 100

58 42.5 41.8 62.6

57 9.7 15.0 22.4#

100 6.5 8.9 13.3#

