

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042022\  
 Data File : VW025654.D  
 Acq On : 20 Apr 2022 18:20  
 Operator : SY/MD  
 Sample : N2492-11  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W3

Quant Time: Apr 21 06:45:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 21 06:38:14 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/21/2022  
 Supervised By :Semsettin Yesilyurt 04/22/2022

| Compound                      | R.T.   | QIon           | Response  | Conc     | Units    | Dev(Min) |
|-------------------------------|--------|----------------|-----------|----------|----------|----------|
| -----                         |        |                |           |          |          |          |
| Internal Standards            |        |                |           |          |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 133400    | 5.000    | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 131237    | 5.000    | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 57884     | 5.000    | ug/L     | 0.00     |
|                               |        |                |           |          |          |          |
| System Monitoring Compounds   |        |                |           |          |          |          |
| 4) Vinyl Chloride-d3          | 1.311  | 65             | 51781     | 4.175    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery  | =        | 83.600%  |          |
| 7) Chloroethane-d5            | 1.574  | 69             | 53647     | 4.066    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery  | =        | 81.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.114  | 63             | 84226     | 3.390    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery  | =        | 67.800%  |          |
| 20) 2-Butanone-d5             | 3.896  | 46             | 94623     | 62.722   | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery  | =        | 125.440% |          |
| 24) Chloroform-d              | 4.355  | 84             | 98226     | 5.241    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery  | =        | 104.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 47915     | 5.934    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery  | =        | 118.600% |          |
| 32) Benzene-d6                | 5.053  | 84             | 196248    | 5.168    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery  | =        | 103.400% |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 60485     | 5.712    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery  | =        | 114.200% |          |
| 41) Toluene-d8                | 7.317  | 98             | 165299    | 4.691    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery  | =        | 93.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 17729     | 4.981    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery  | =        | 99.600%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 77402     | 61.959   | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery  | =        | 123.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 36433     | 5.446    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery  | =        | 109.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 54696     | 5.636    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery  | =        | 112.800% |          |
|                               |        |                |           |          |          |          |
| Target Compounds              |        |                |           |          |          |          |
| 12) 1,1-Dichloroethene        | 2.124  | 96             | 2332      | 0.202    | ug/L     | # 1      |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96             | 16808     | 1.647    | ug/L     | 97       |
| 33) Benzene                   | 5.114  | 78             | 4164      | 0.107    | ug/L     | 100      |
| 34) Trichloroethene           | 5.915  | 95             | 139899    | 13.591   | ug/L     | 99       |
| 47) Tetrachloroethene         | 7.986  | 164            | 19221875m | 2385.284 | ug/L     |          |
| 52) Ethylbenzene              | 9.021  | 91             | 2685      | 0.060    | ug/L     | 88       |
| 53) m,p-Xylene                | 9.146  | 106            | 970       | 0.057    | ug/L     | 70       |
| -----                         |        |                |           |          |          |          |

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

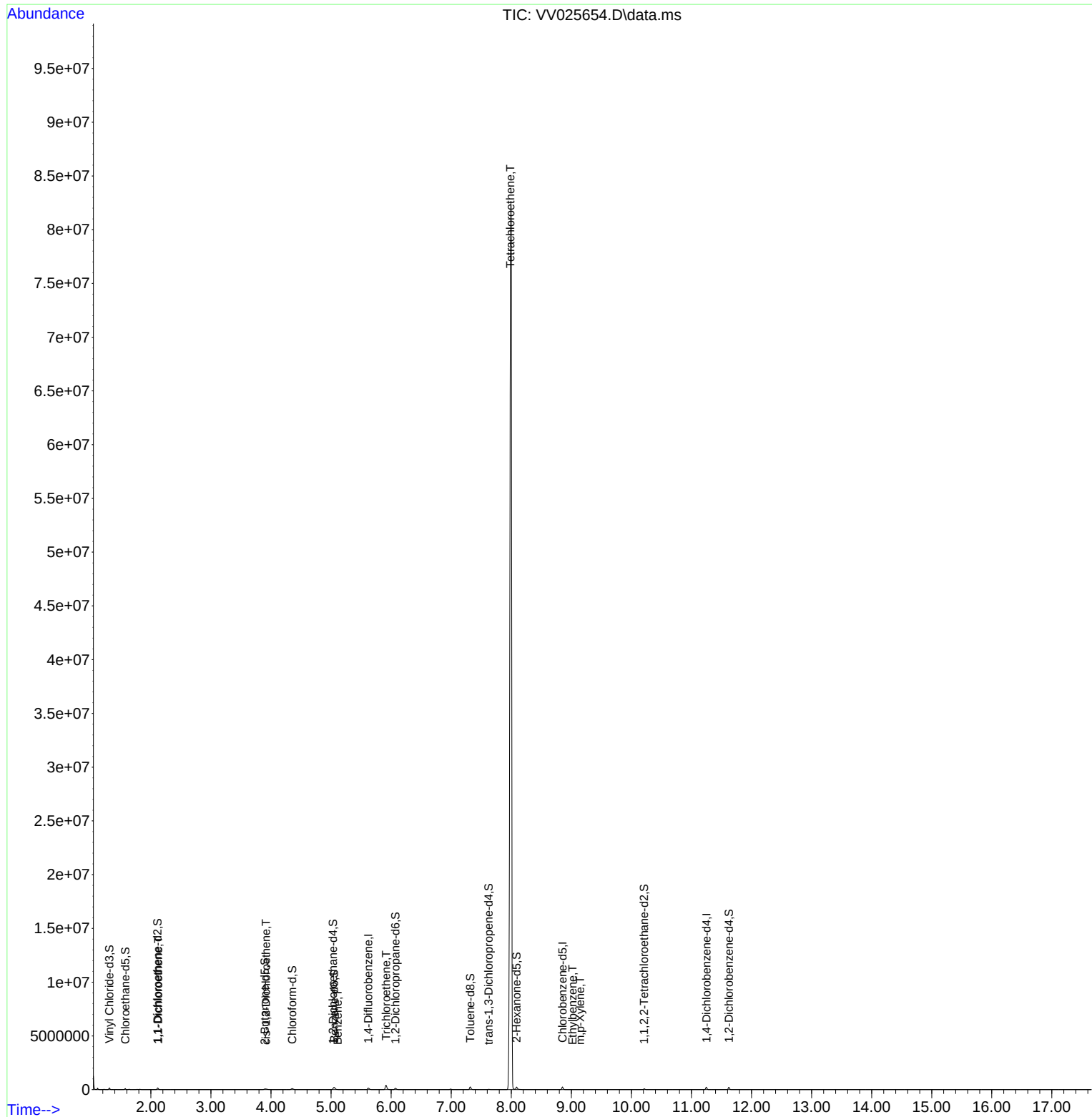
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Data File : VV025654.D  
Acq On : 20 Apr 2022 18:20  
Operator : SY/MD  
Sample : N2492-11  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 21 Sample Multiplier: 1

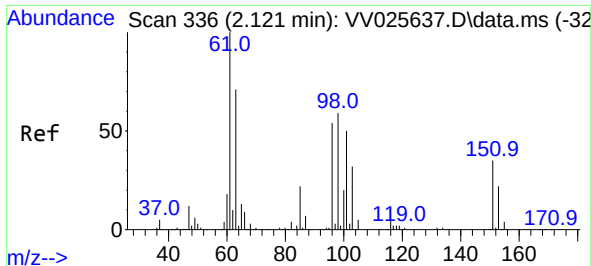
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W3

Quant Time: Apr 21 06:45:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Apr 21 06:38:14 2022  
Response via : Initial Calibration

Manual Integrations  
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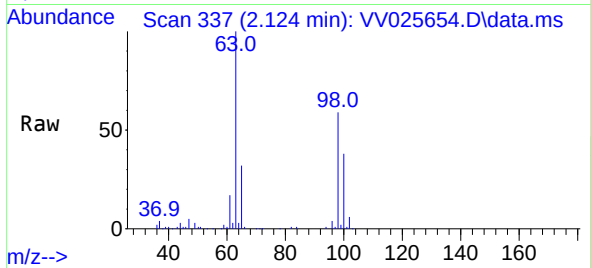
Reviewed By :Krupa Patel 04/21/2022  
Supervised By :Semsettin Yesilyurt 04/22/2022





#12  
1,1-Dichloroethene  
Concen: 0.202 ug/L  
RT: 2.124 min Scan# 311  
Delta R.T. 0.003 min  
Lab File: VV025654.D  
Acq: 20 Apr 2022 18:20

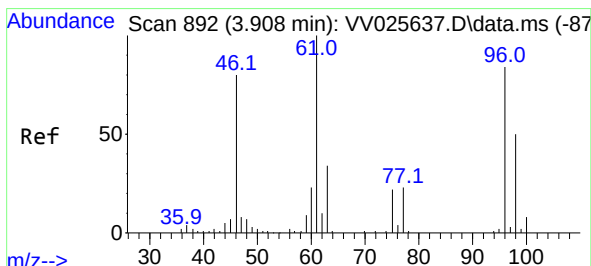
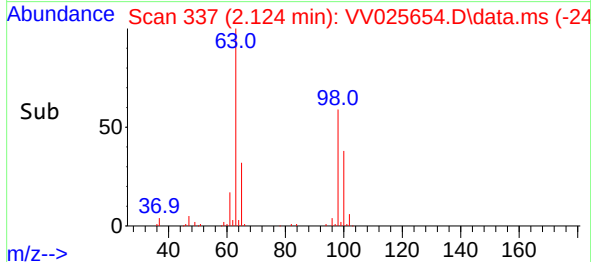
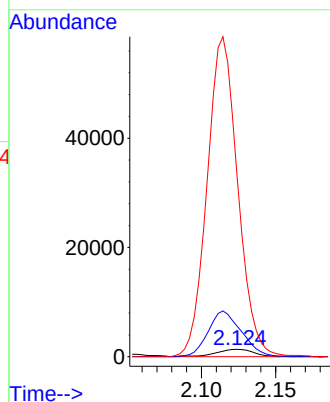
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W3



Tgt Ion: 96 Resp: 2332  
Ion Ratio Lower Upper  
96 100  
61 415.6 125.2 232.4  
63 2448.3 114.4 212.4

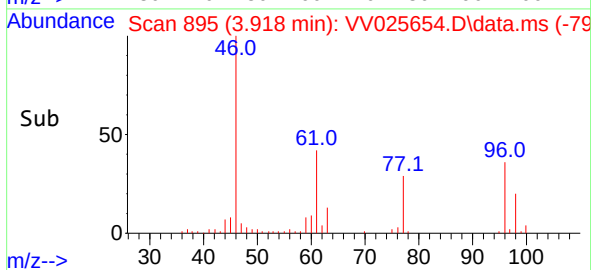
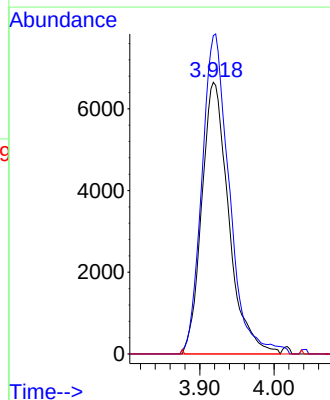
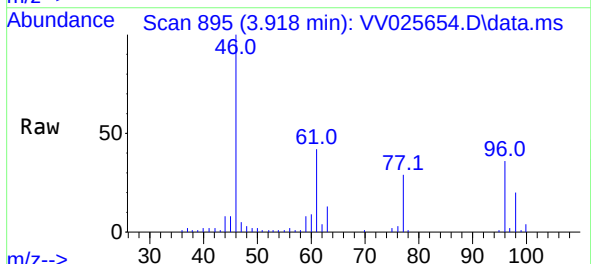
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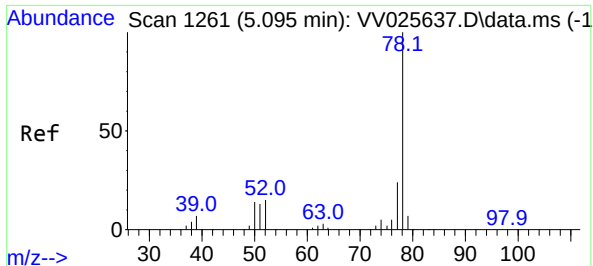
Reviewed By :Krupa Patel 04/21/2022  
Supervised By :Semsettin Yesilyurt 04/22/2022



#22  
cis-1,2-Dichloroethene  
Concen: 1.647 ug/L  
RT: 3.918 min Scan# 895  
Delta R.T. 0.010 min  
Lab File: VV025654.D  
Acq: 20 Apr 2022 18:20

Tgt Ion: 96 Resp: 16808  
Ion Ratio Lower Upper  
96 100  
61 117.2 80.0 148.6  
68 0.0 0.0 0.0





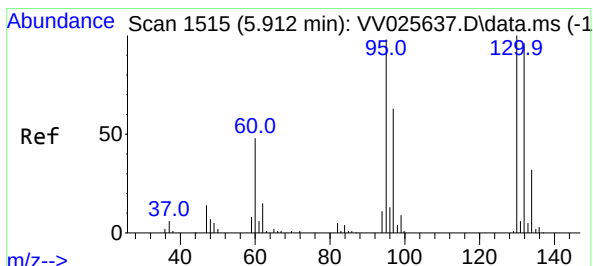
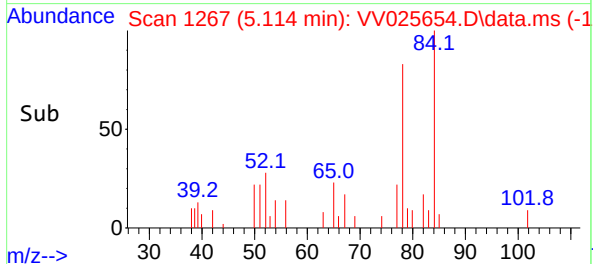
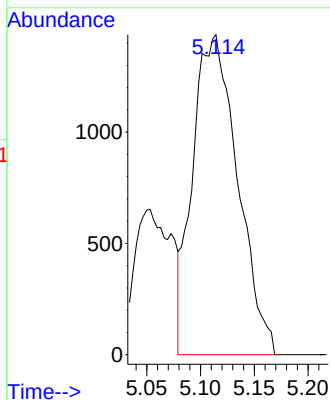
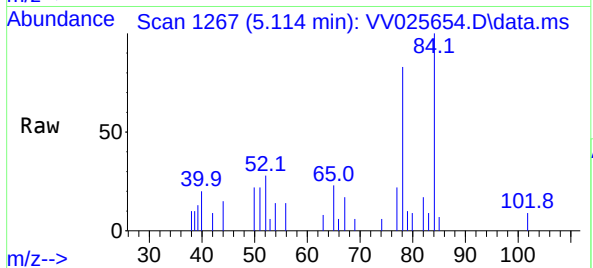
#33  
Benzene  
Concen: 0.107 ug/L  
RT: 5.114 min Scan# 11  
Delta R.T. 0.019 min  
Lab File: VV025654.D  
Acq: 20 Apr 2022 18:20

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W3

Tgt Ion: 78 Resp: 416

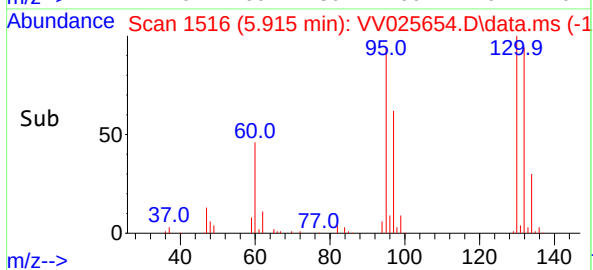
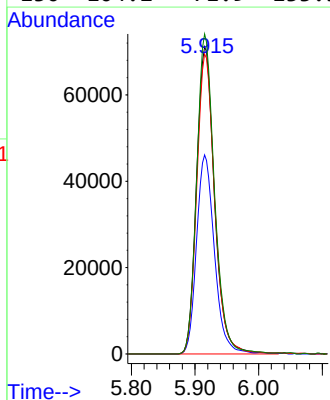
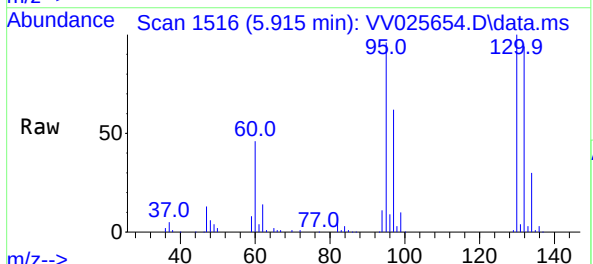
Manual Integrations  
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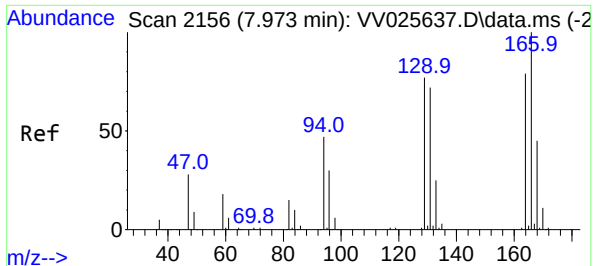
Reviewed By :Krupa Patel 04/21/2022  
Supervised By :Semsettin Yesilyurt 04/22/2022



#34  
Trichloroethene  
Concen: 13.591 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.003 min  
Lab File: VV025654.D  
Acq: 20 Apr 2022 18:20

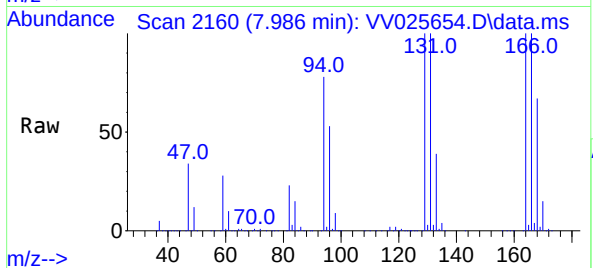
Tgt Ion: 95 Resp: 139899  
Ion Ratio Lower Upper  
95 100  
97 64.8 45.8 85.2  
132 97.6 68.0 126.4  
130 104.2 71.9 133.5





#47  
Tetrachloroethene  
Concen: 2385.284 ug/L m  
RT: 7.986 min Scan# 2156  
Delta R.T. 0.013 min  
Lab File: VV025654.D  
Acq: 20 Apr 2022 18:20

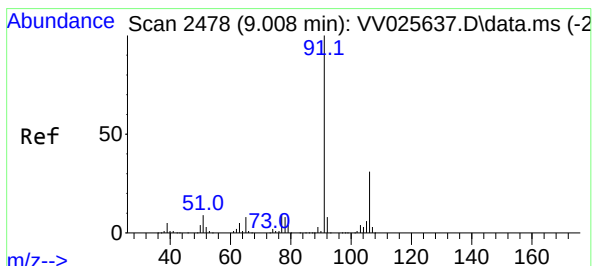
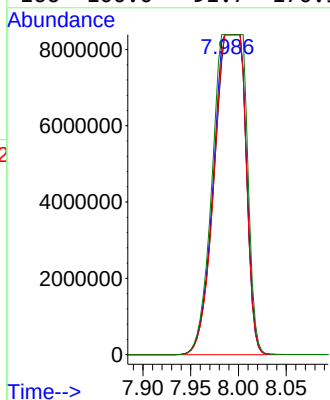
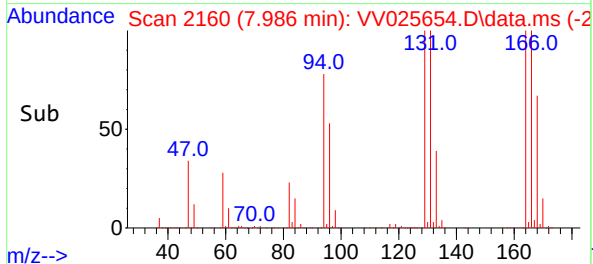
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W3



Tgt Ion:164 Resp:1922187  
Ion Ratio Lower Upper  
164 100  
129 100.0 66.8 124.2  
131 100.0 66.4 123.4  
166 100.0 91.7 170.3

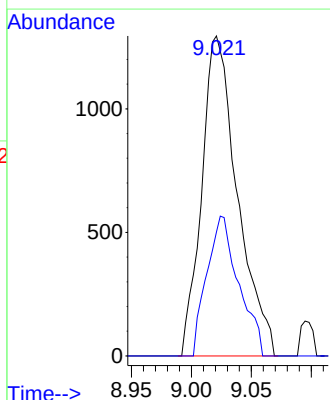
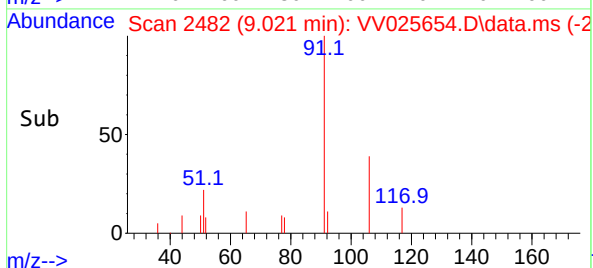
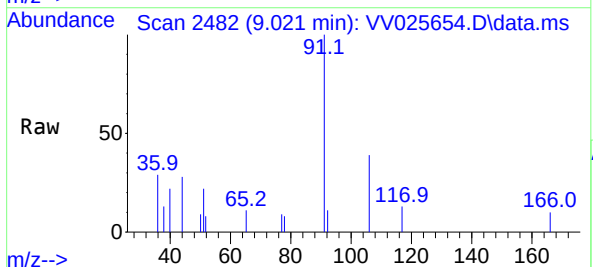
Manual Integrations  
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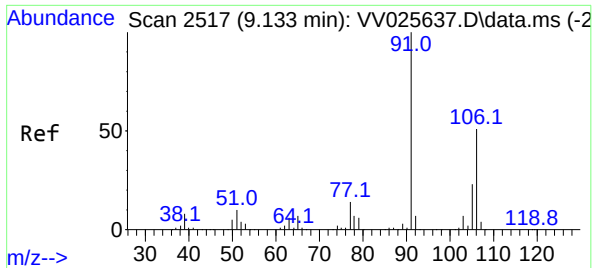
Reviewed By :Krupa Patel 04/21/2022  
Supervised By :Semsettin Yesilyurt 04/22/2022



#52  
Ethylbenzene  
Concen: 0.060 ug/L  
RT: 9.021 min Scan# 2482  
Delta R.T. 0.013 min  
Lab File: VV025654.D  
Acq: 20 Apr 2022 18:20

Tgt Ion: 91 Resp: 2685  
Ion Ratio Lower Upper  
91 100  
106 38.7 22.3 41.3





#53  
 m,p-Xylene  
 Concen: 0.057 ug/L  
 RT: 9.146 min Scan# 21  
 Delta R.T. 0.013 min  
 Lab File: VV025654.D  
 Acq: 20 Apr 2022 18:20

Instrument : MSVOA\_V  
 ClientSampleId : EW6W3

Tgt Ion:106 Resp: 970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 106 | 100   |       |       |
| 91  | 150.4 | 136.4 | 253.4 |

Manual Integrations  
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