

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042122\  
 Data File : VU048192.D  
 Acq On : 21 Apr 2022 23:18  
 Operator : SY/MD  
 Sample : N2485-17  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J24

Quant Time: Apr 22 06:36:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 22 02:51:38 2022  
 Response via : Initial Calibration

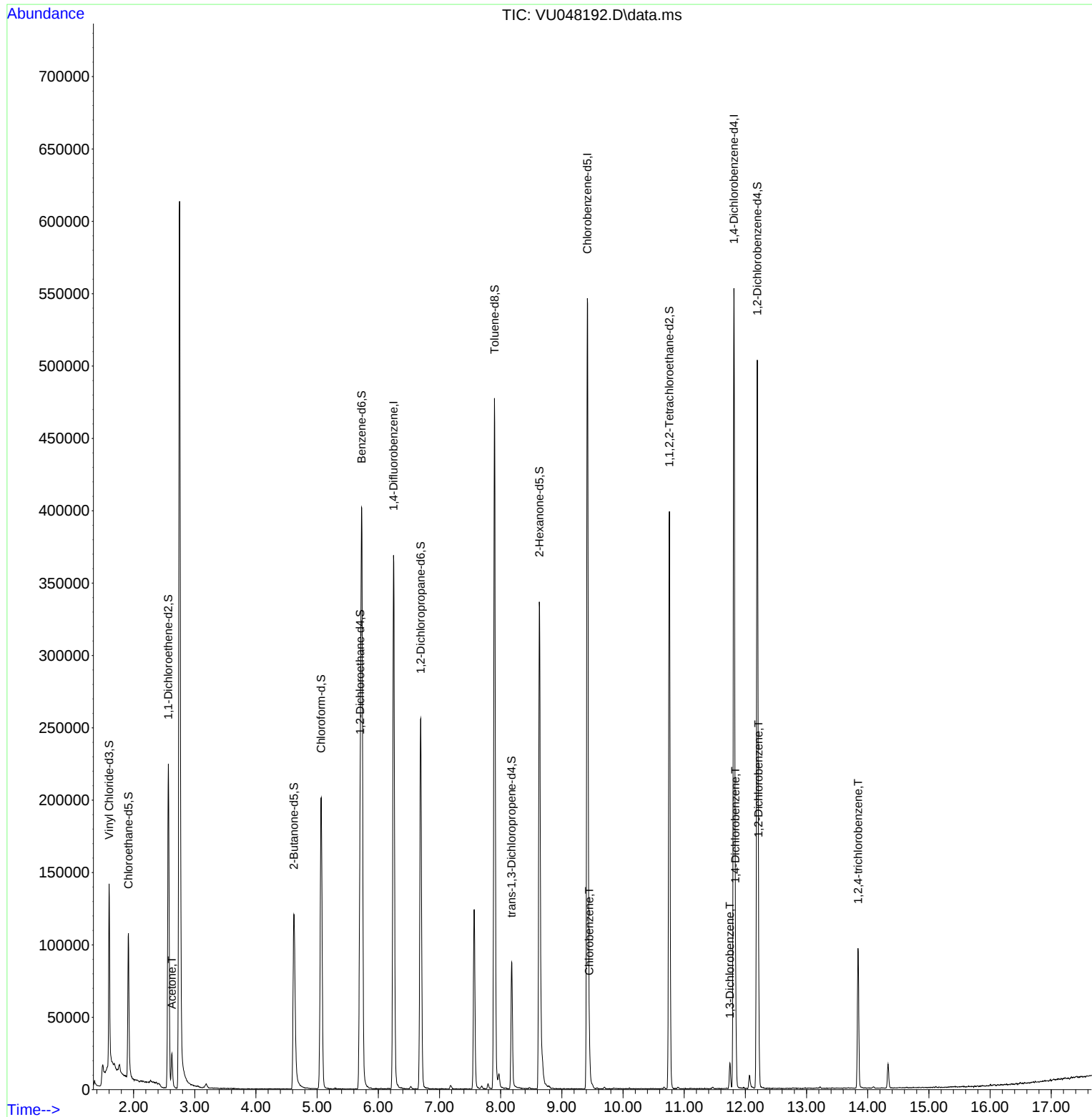
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 316477   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 332119   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 160133   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 92901    | 40.480   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 80.960%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 81901    | 45.259   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 90.520%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 127452   | 30.354   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 60.700%  |
| 21) 2-Butanone-d5             | 4.620   | 46    | 180451   | 91.607   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.610%  |
| 24) Chloroform-d              | 5.067   | 84    | 194983   | 46.433   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 120323   | 46.719   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.440%  |
| 32) Benzene-d6                | 5.729   | 84    | 382106   | 45.723   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.440%  |
| 36) 1,2-Dichloropropane-d6    | 6.693   | 67    | 129172   | 50.330   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 100.660% |
| 41) Toluene-d8                | 7.899   | 98    | 326587   | 40.110   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 80.220%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 50583    | 38.902   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 77.800%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 120041   | 79.897   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 79.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 200598   | 45.543   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 141204   | 49.564   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.120%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.626   | 43    | 25287    | 13.795   | ug/L   | 100      |
| 51) Chlorobenzene             | 9.449   | 112   | 13739    | 1.918    | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.748  | 146   | 8313     | 1.728    | ug/L   | 90       |
| 65) 1,4-Dichlorobenzene       | 11.838  | 146   | 30634    | 6.148    | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.214  | 146   | 22936    | 4.765    | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.841  | 180   | 32852    | 9.601    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

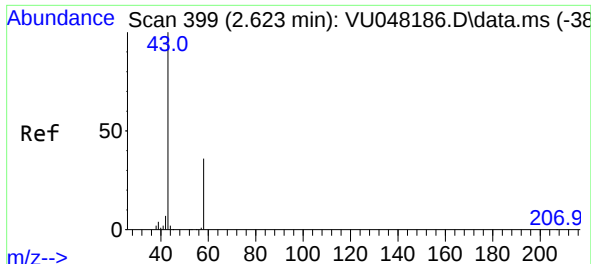
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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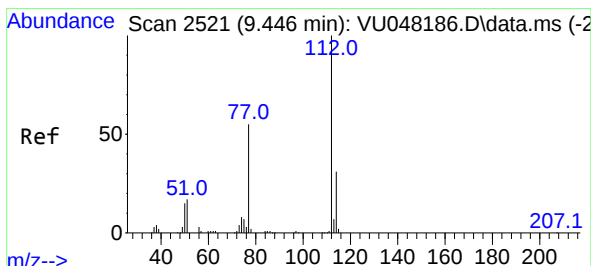
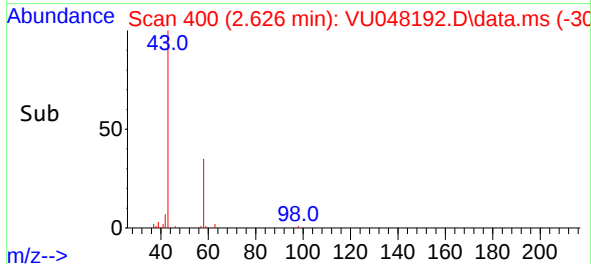
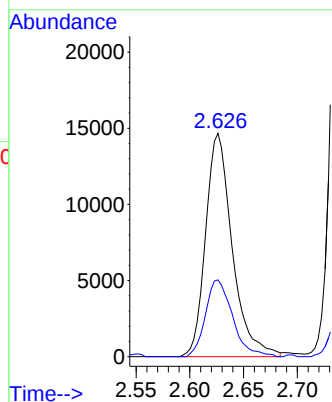
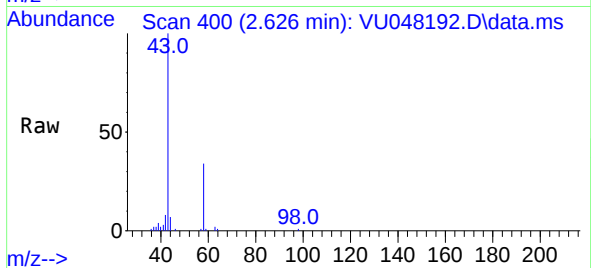




#13  
Acetone  
Concen: 13.795 ug/L  
RT: 2.626 min Scan# 40  
Delta R.T. 0.003 min  
Lab File: VU048192.D  
Acq: 21 Apr 2022 23:18

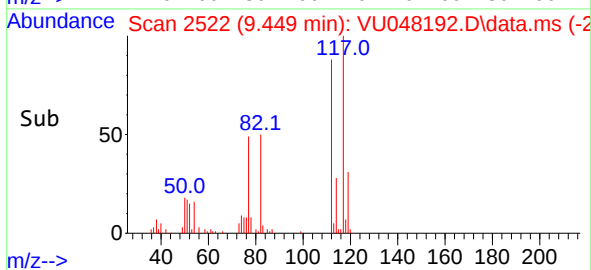
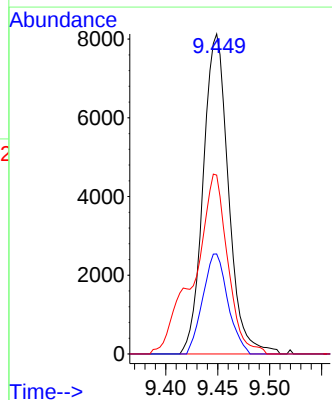
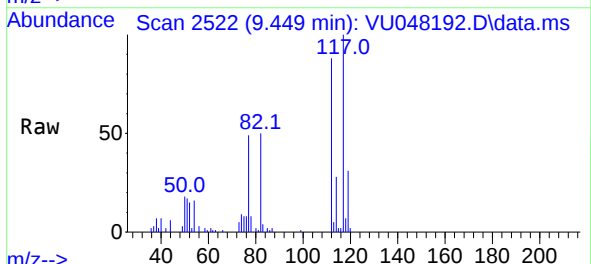
Instrument :  
MSVOA\_U  
ClientSampleId :  
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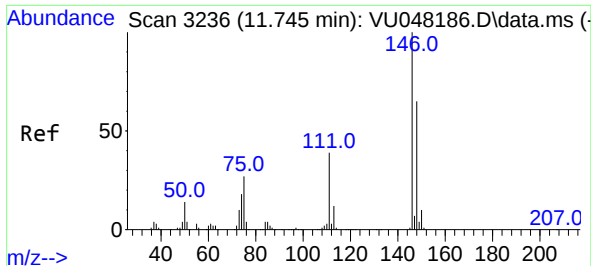
Tgt Ion: 43 Resp: 25287  
Ion Ratio Lower Upper  
43 100  
58 34.9 0.0 70.0



#51  
Chlorobenzene  
Concen: 1.918 ug/L  
RT: 9.449 min Scan# 2522  
Delta R.T. 0.003 min  
Lab File: VU048192.D  
Acq: 21 Apr 2022 23:18

Tgt Ion: 112 Resp: 13739  
Ion Ratio Lower Upper  
112 100  
114 31.3 22.1 41.1  
77 55.9 43.4 65.0

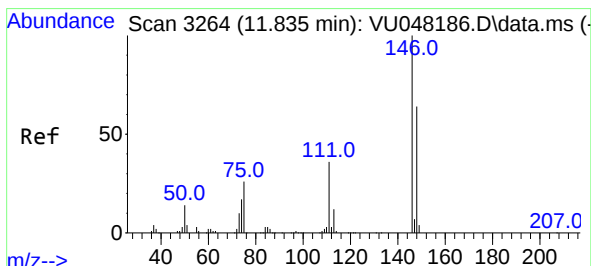
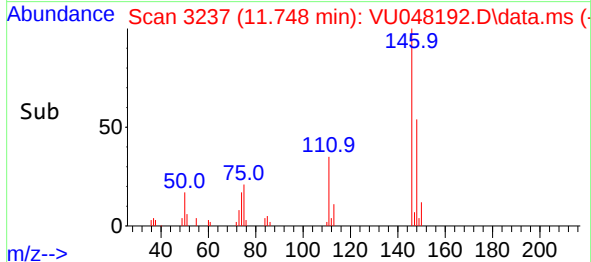
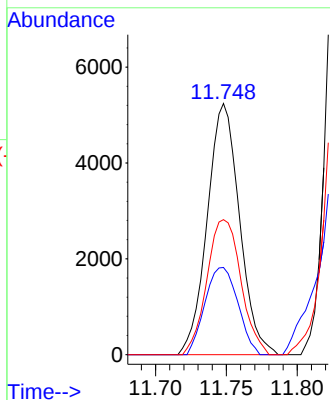
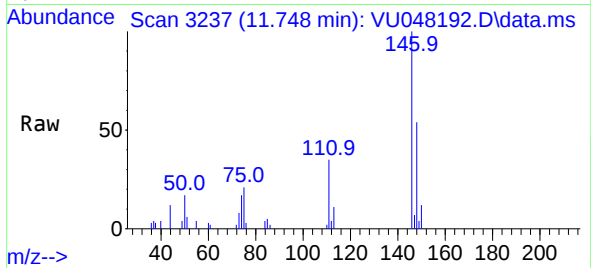




#64  
1,3-Dichlorobenzene  
Concen: 1.728 ug/L  
RT: 11.748 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU048192.D  
Acq: 21 Apr 2022 23:18

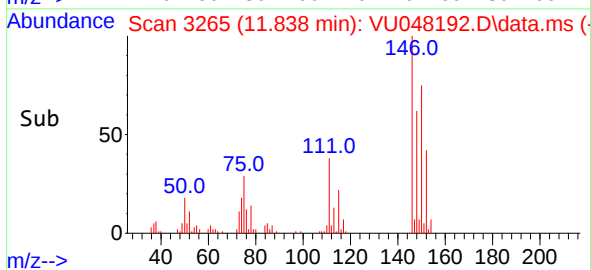
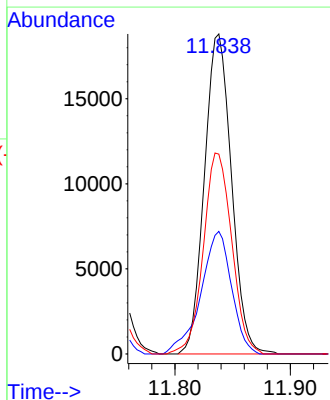
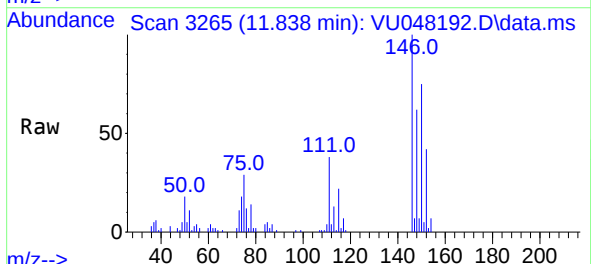
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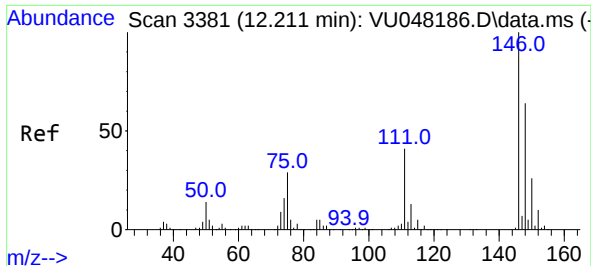
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 8313        |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 34.7  | 26.7 49.7   |
| 148         | 53.7  | 44.4 82.5   |



#65  
1,4-Dichlorobenzene  
Concen: 6.148 ug/L  
RT: 11.838 min Scan# 3265  
Delta R.T. 0.003 min  
Lab File: VU048192.D  
Acq: 21 Apr 2022 23:18

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 30634       |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 38.3  | 25.3 47.1   |
| 148         | 62.4  | 44.5 82.7   |





#67

1,2-Dichlorobenzene

Concen: 4.765 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048192.D

Acq: 21 Apr 2022 23:18

Instrument :

MSVOA\_U

ClientSampleId :

C0J24

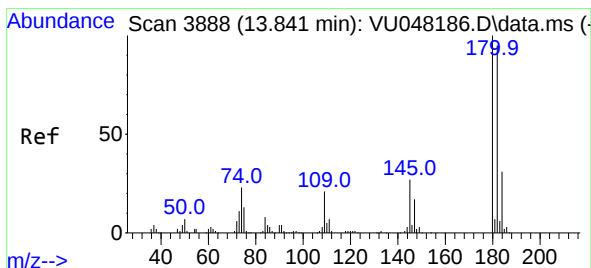
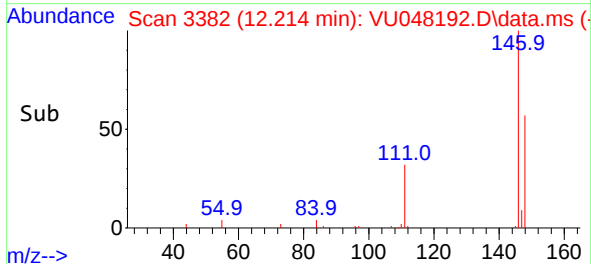
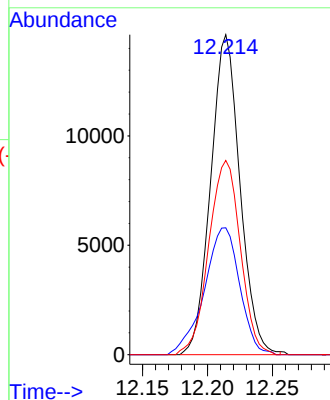
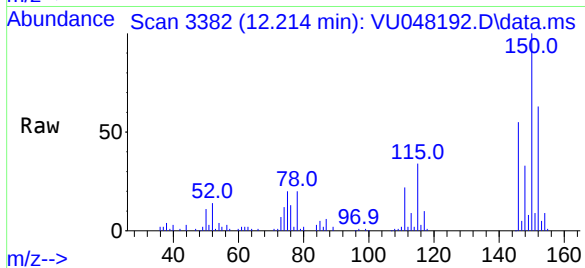
Tgt Ion:146 Resp: 22936

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 60.7 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 9.601 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048192.D

Acq: 21 Apr 2022 23:18

Tgt Ion:180 Resp: 32852

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.2

145 27.6 21.8 32.8

