

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042122\  
 Data File : VU048184.D  
 Acq On : 21 Apr 2022 19:39  
 Operator : SY/MD  
 Sample : N2486-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J35

Quant Time: Apr 22 01:53:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 22 01:48:00 2022  
 Response via : Initial Calibration

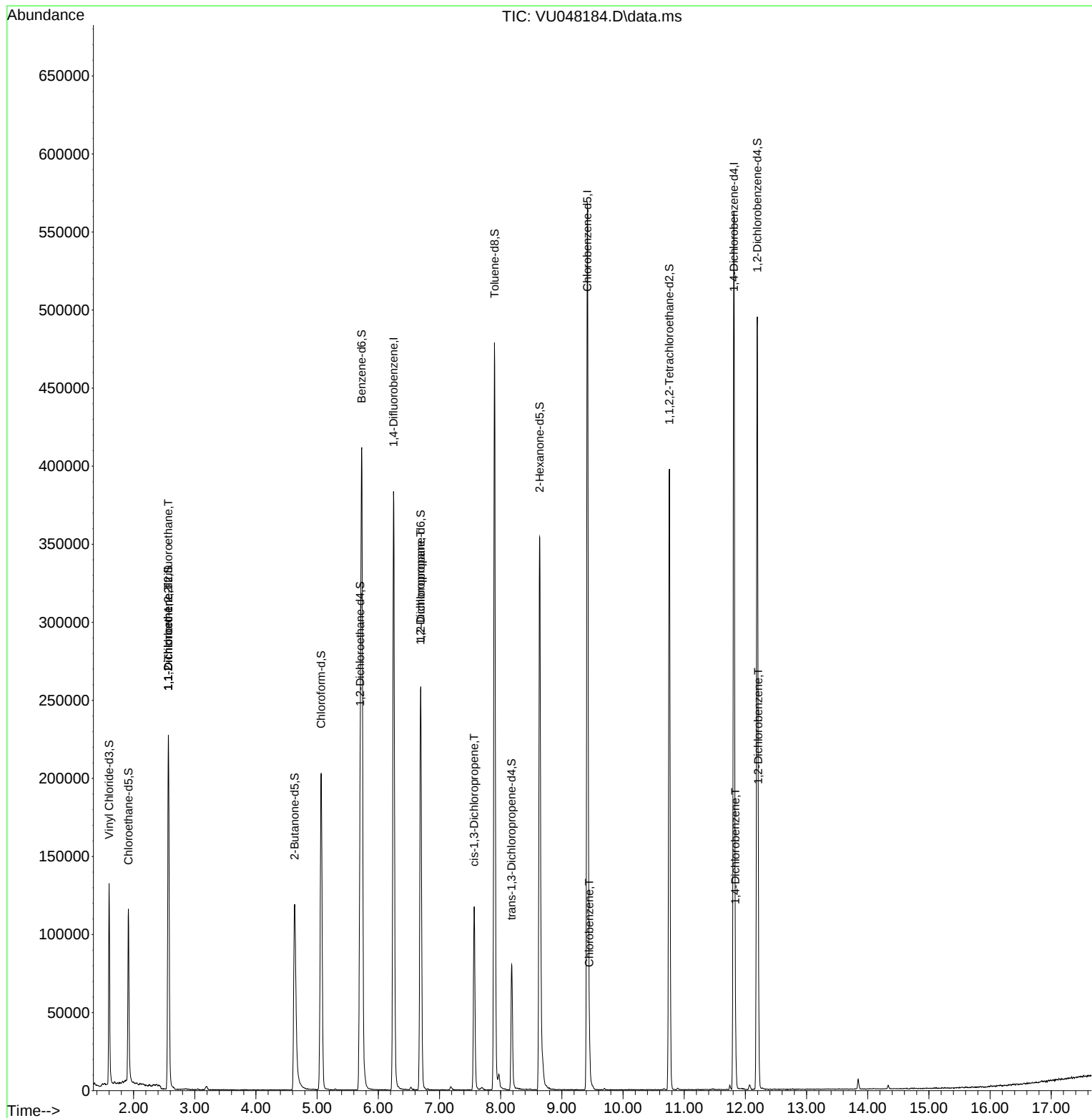
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114            | 327687   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 341922   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152            | 161365   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65             | 98502    | 41.452 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 82.900%  |          |
| 7) Chloroethane-d5            | 1.916   | 69             | 85116    | 45.427 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 90.860%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63             | 131753   | 30.305 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 60.600%  |          |
| 21) 2-Butanone-d5             | 4.633   | 46             | 180871   | 88.679 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 88.680%  |          |
| 24) Chloroform-d              | 5.067   | 84             | 195147   | 44.883 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 89.760%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65             | 120877   | 45.329 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 90.660%  |          |
| 32) Benzene-d6                | 5.729   | 84             | 394735   | 45.880 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 91.760%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67             | 129610   | 49.052 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 98.100%  |          |
| 41) Toluene-d8                | 7.899   | 98             | 329359   | 39.291 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 78.580%# |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 48939    | 36.559 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 73.120%  |          |
| 47) 2-Hexanone-d5             | 8.636   | 63             | 122642   | 79.288 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 79.290%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84             | 202237   | 44.599 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 89.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152            | 142247   | 49.549 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 99.100%  |          |
| Target Compounds              |         |                |          |        |          |          |
|                               |         |                |          |        | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568   | 101            | 1448     | 0.600  | ug/L #   | 18       |
| 12) 1,1-Dichloroethene        | 2.568   | 96             | 1108     | 0.493  | ug/L #   | 1        |
| 37) 1,2-Dichloropropane       | 6.690   | 63             | 12820    | 5.095  | ug/L #   | 89       |
| 39) cis-1,3-Dichloropropene   | 7.565   | 75             | 2749     | 0.704  | ug/L #   | 77       |
| 51) Chlorobenzene             | 9.449   | 112            | 15126    | 2.051  | ug/L     | 93       |
| 65) 1,4-Dichlorobenzene       | 11.835  | 146            | 11001    | 2.191  | ug/L     | 96       |
| 67) 1,2-Dichlorobenzene       | 12.211  | 146            | 11575    | 2.387  | ug/L     | 94       |
| -----                         |         |                |          |        |          |          |

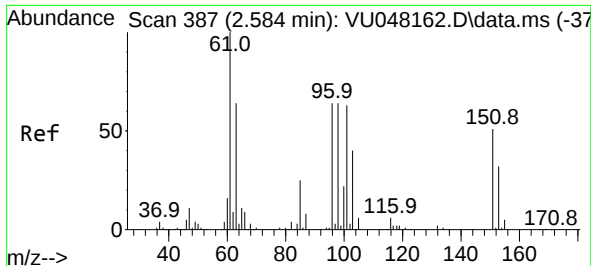
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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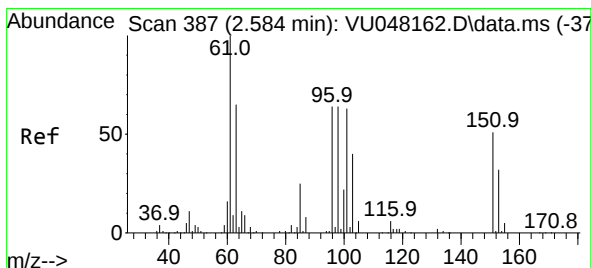
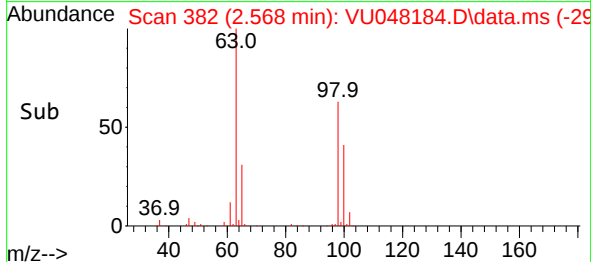
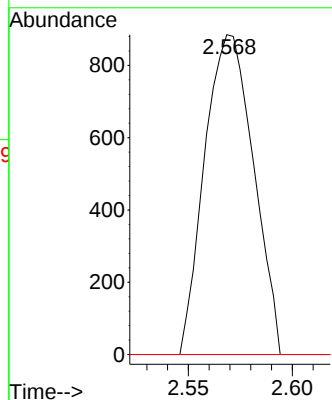
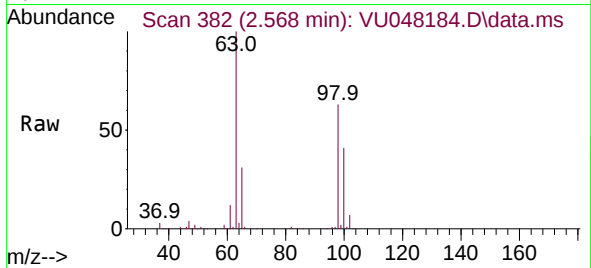




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.600 ug/L  
RT: 2.568 min Scan# 382  
Delta R.T. -0.016 min  
Lab File: VU048184.D  
Acq: 21 Apr 2022 19:39

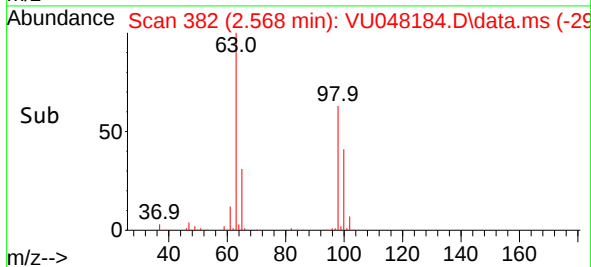
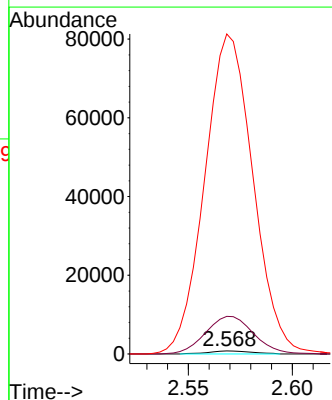
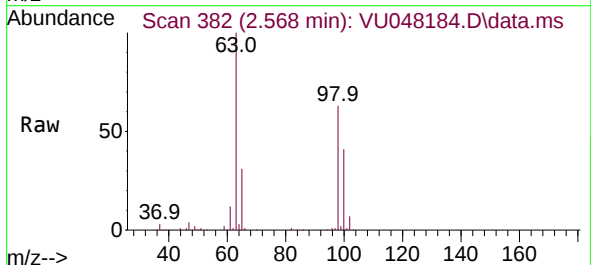
Instrument :  
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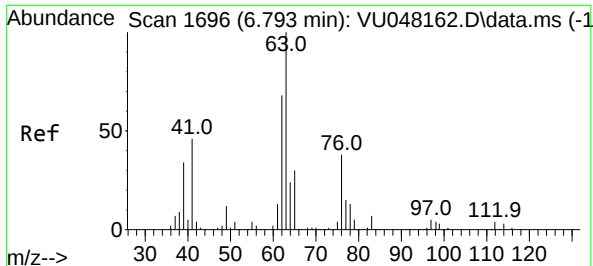
Tgt Ion:101 Resp: 1448  
Ion Ratio Lower Upper  
101 100  
85 0.0 32.8 49.2#  
151 0.0 63.0 94.6#



#12  
1,1-Dichloroethene  
Concen: 0.493 ug/L  
RT: 2.568 min Scan# 382  
Delta R.T. -0.016 min  
Lab File: VU048184.D  
Acq: 21 Apr 2022 19:39

Tgt Ion: 96 Resp: 1108  
Ion Ratio Lower Upper  
96 100  
61 1236.1 113.1 210.1#  
63 10533.7 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.095 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048184.D

Acq: 21 Apr 2022 19:39

Instrument :

MSVOA\_U

ClientSampleId :

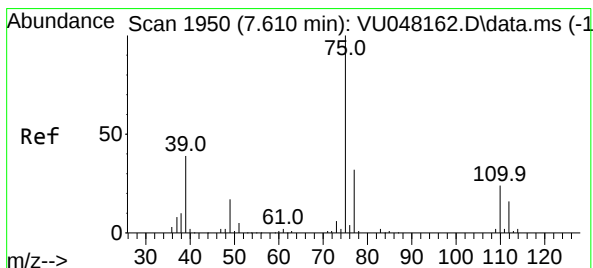
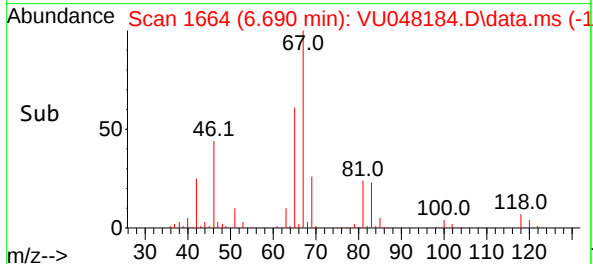
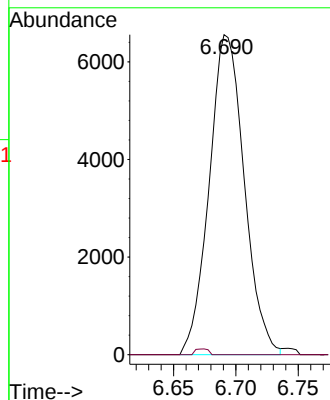
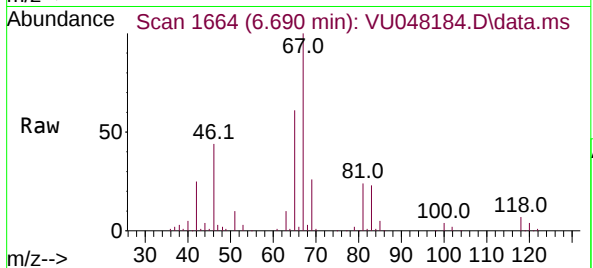
C0J35

Tgt Ion: 63 Resp: 12820

Ion Ratio Lower Upper

63 100

112 0.7 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.704 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048184.D

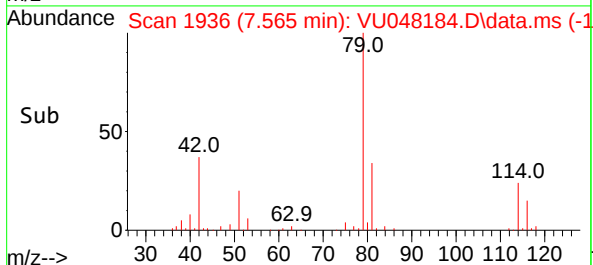
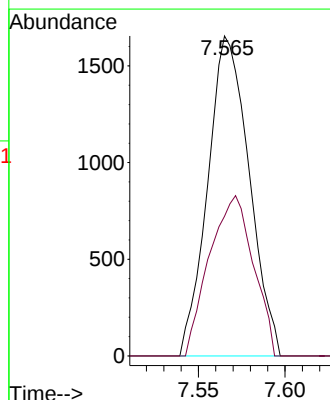
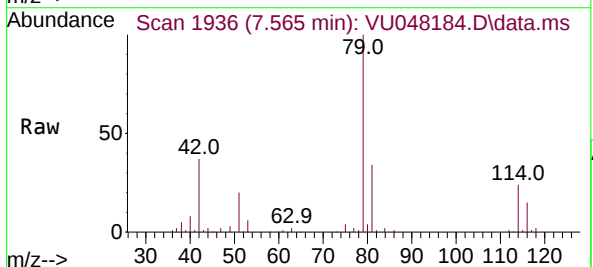
Acq: 21 Apr 2022 19:39

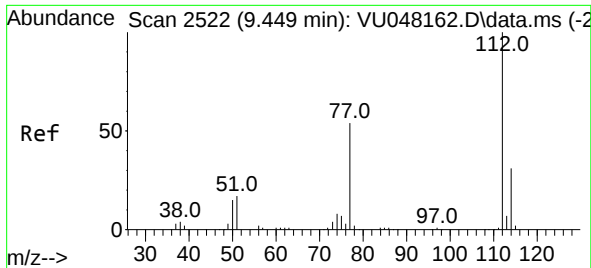
Tgt Ion: 75 Resp: 2749

Ion Ratio Lower Upper

75 100

77 43.6 21.8 40.6#

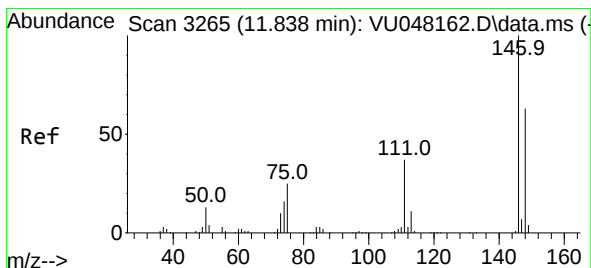
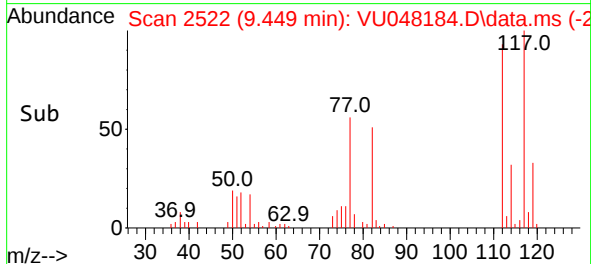
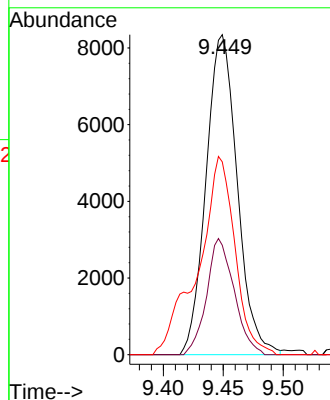
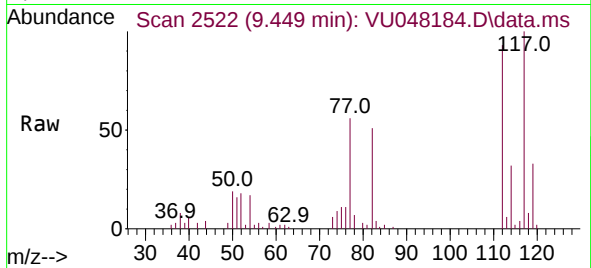




#51  
Chlorobenzene  
Concen: 2.051 ug/L  
RT: 9.449 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048184.D  
Acq: 21 Apr 2022 19:39

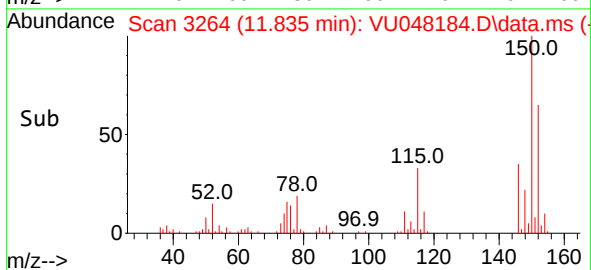
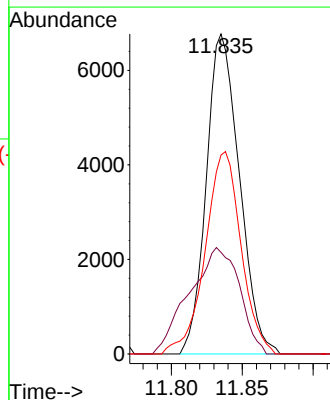
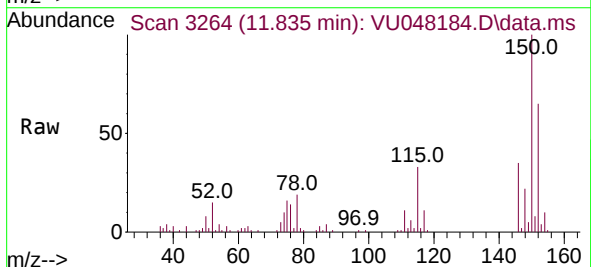
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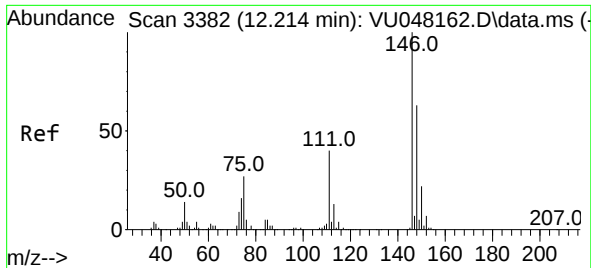
Tgt Ion:112 Resp: 15126  
Ion Ratio Lower Upper  
112 100  
114 34.2 22.1 41.1  
77 60.3 43.4 65.0



#65  
1,4-Dichlorobenzene  
Concen: 2.191 ug/L  
RT: 11.835 min Scan# 3264  
Delta R.T. -0.003 min  
Lab File: VU048184.D  
Acq: 21 Apr 2022 19:39

Tgt Ion:146 Resp: 11001  
Ion Ratio Lower Upper  
146 100  
111 31.7 25.3 47.1  
148 62.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.387 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048184.D

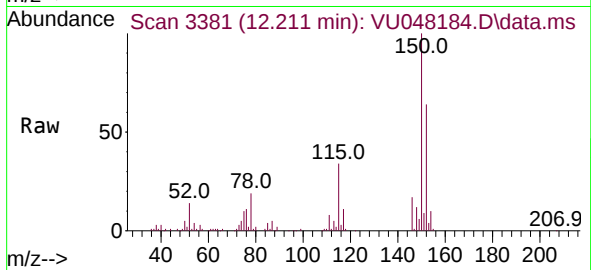
Acq: 21 Apr 2022 19:39

Instrument :

MSVOA\_U

ClientSampleId :

C0J35



Tgt Ion:146 Resp: 11575

Ion Ratio Lower Upper

146 100

111 45.0 31.7 47.5

148 68.2 51.4 77.2

