

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031422\  
 Data File : VU047550.D  
 Acq On : 14 Mar 2022 21:16  
 Operator : SY/MD  
 Sample : N1906-05RE  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNM5

Quant Time: Mar 15 06:16:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Mar 15 05:45:04 2022  
 Response via : Initial Calibration

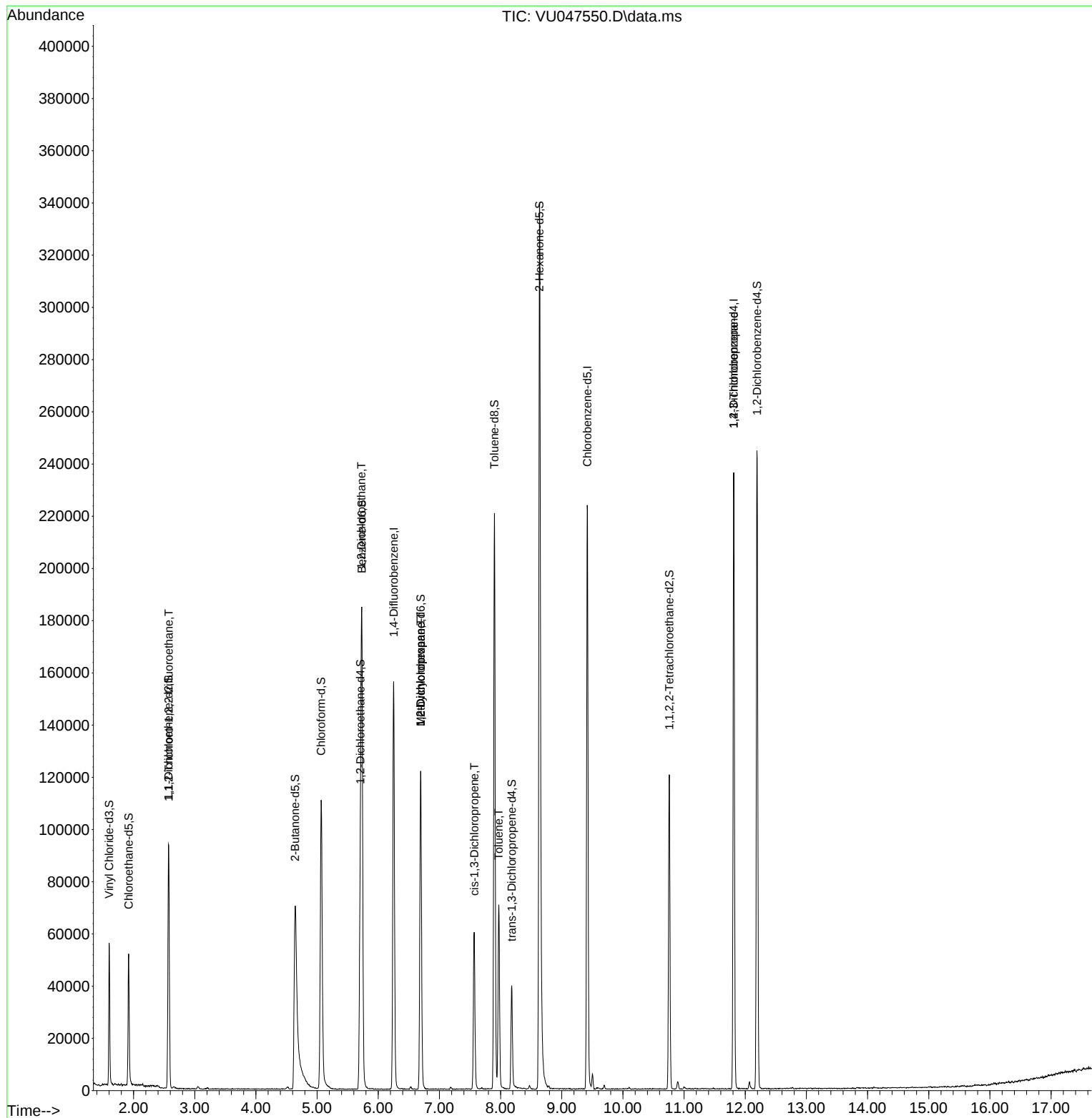
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 134395   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 131515   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 66899    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65             | 39629    | 4.509  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 90.200%  |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 39243    | 4.920  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 98.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65             | 17334    | 4.205  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 84.200%  |          |
| 20) 2-Butanone-d5             | 4.642  | 46             | 162289   | 64.172 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 128.340% |          |
| 24) Chloroform-d              | 5.067  | 84             | 91392    | 4.735  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65             | 52034    | 4.976  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 99.600%  |          |
| 32) Benzene-d6                | 5.732  | 84             | 175052   | 4.572  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67             | 59633    | 4.953  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.000%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 150933   | 4.205  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 23357    | 4.615  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.200%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 136148   | 51.890 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 103.780% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 58506    | 4.866  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 97.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 67363    | 4.819  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 96.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101            | 477      | 0.069  | ug/L #   | 18       |
| 27) 1,2-Dichloroethane        | 5.726  | 62             | 877      | 0.099  | ug/L #   | 74       |
| 35) Methylcyclohexane         | 6.693  | 83             | 13678    | 1.207  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.693  | 63             | 6324     | 0.830  | ug/L #   | 87       |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75             | 1553     | 0.131  | ug/L #   | 79       |
| 42) Toluene                   | 7.970  | 91             | 52650    | 1.634  | ug/L     | 99       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 6878     | 1.226  | ug/L #   | 68       |

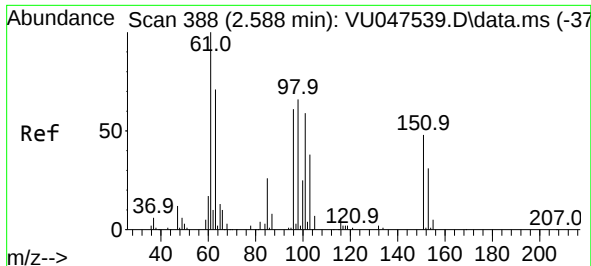
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.069 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU047550.D

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Instrument :

MSVOA\_U

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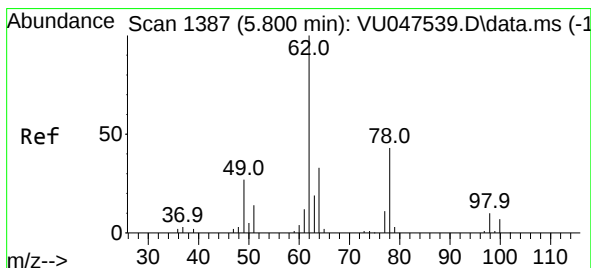
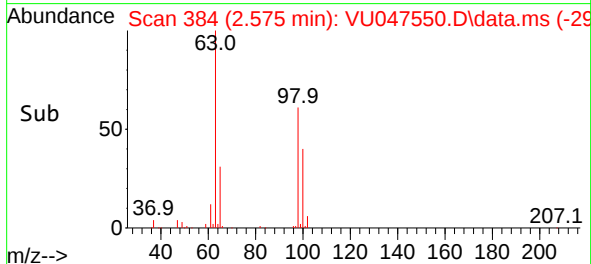
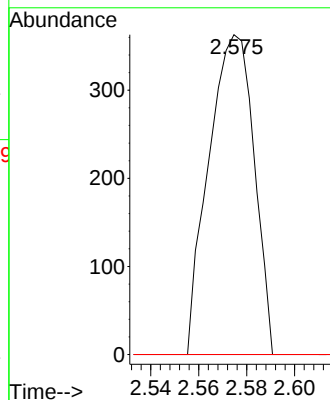
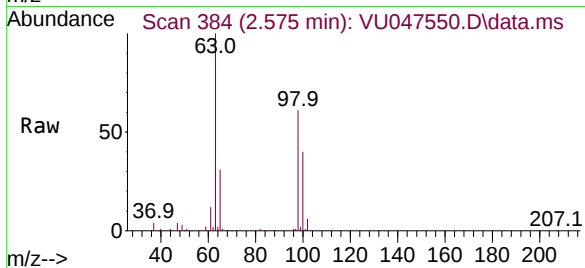
Tgt Ion:101 Resp: 477

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

151 0.0 63.8 95.6#



#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.074 min

Lab File: VU047550.D

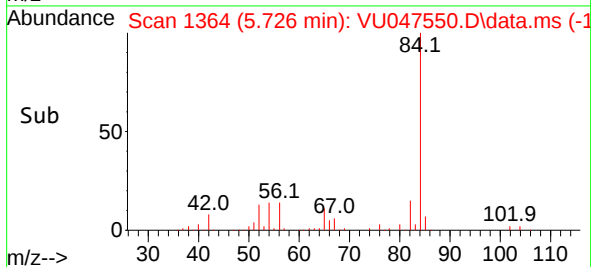
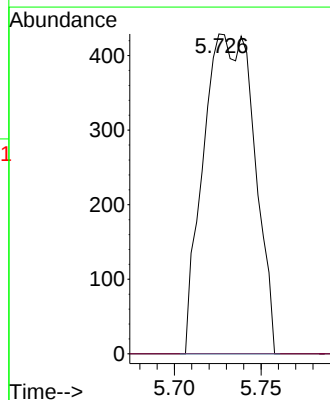
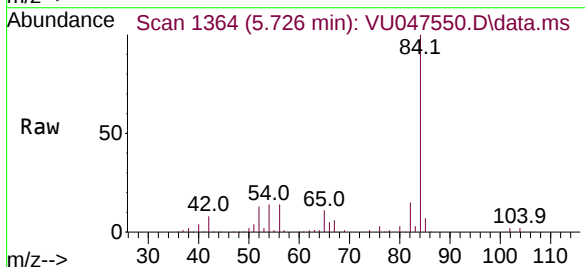
Acq: 14 Mar 2022 21:16

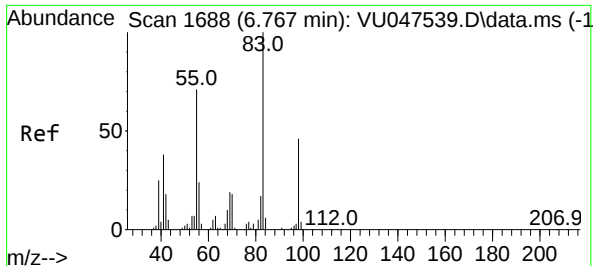
Tgt Ion: 62 Resp: 877

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#

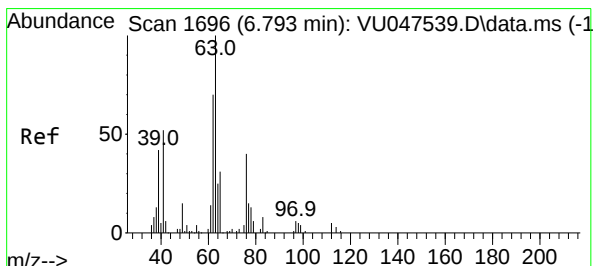
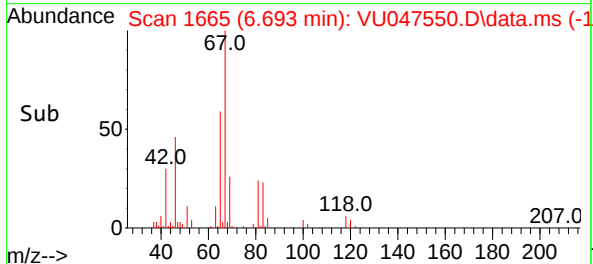
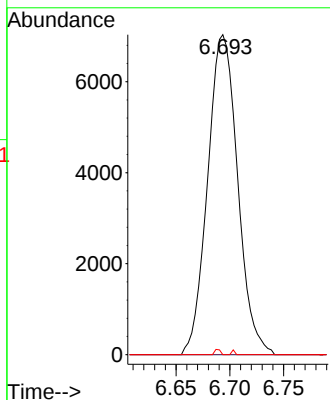
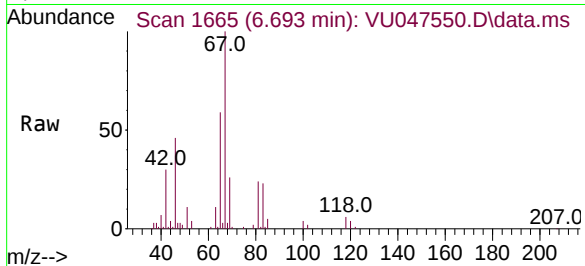




#35  
Methylcyclohexane  
Concen: 1.207 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU047550.D  
Acq: 14 Mar 2022 21:16

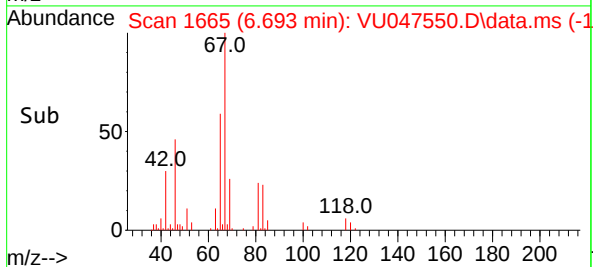
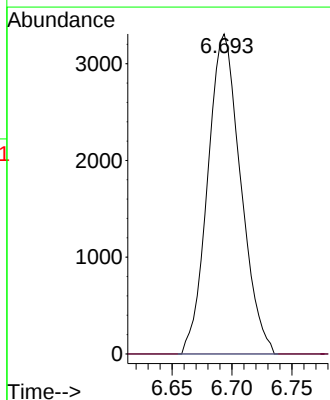
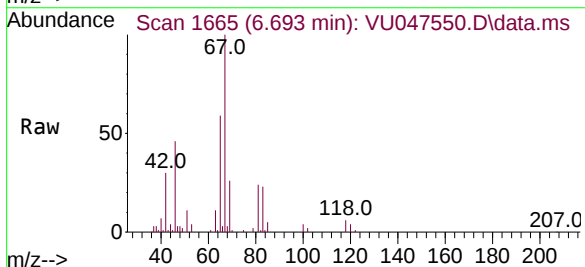
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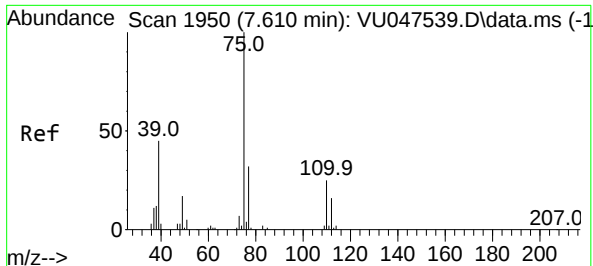
Tgt Ion: 83 Resp: 13678  
Ion Ratio Lower Upper  
83 100  
55 0.0 57.3 85.9#  
98 0.3 37.5 56.3#



#37  
1,2-Dichloropropane  
Concen: 0.830 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.100 min  
Lab File: VU047550.D  
Acq: 14 Mar 2022 21:16

Tgt Ion: 63 Resp: 6324  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#

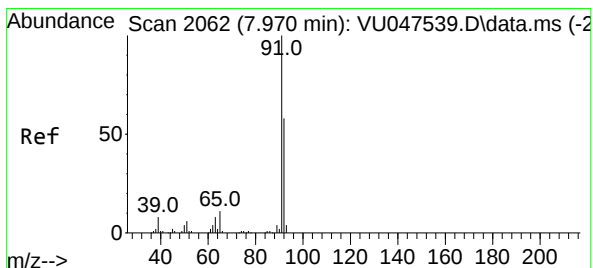
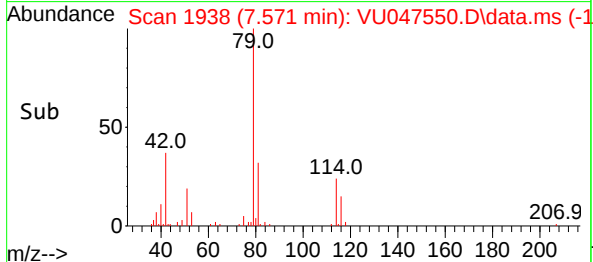
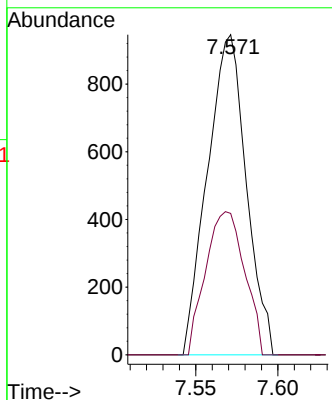
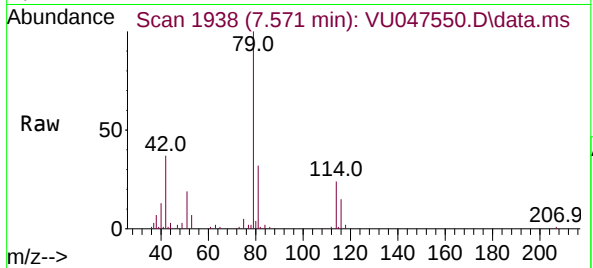




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.131 ug/L  
 RT: 7.571 min Scan# 1950  
 Delta R.T. -0.039 min  
 Lab File: VU047550.D  
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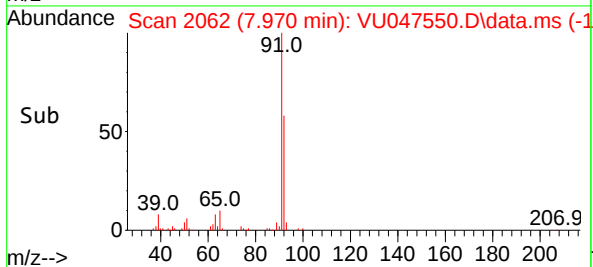
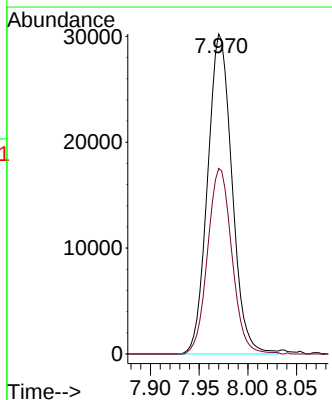
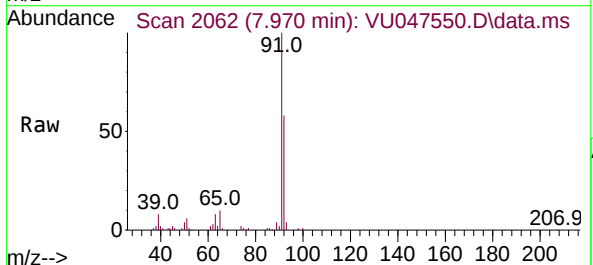
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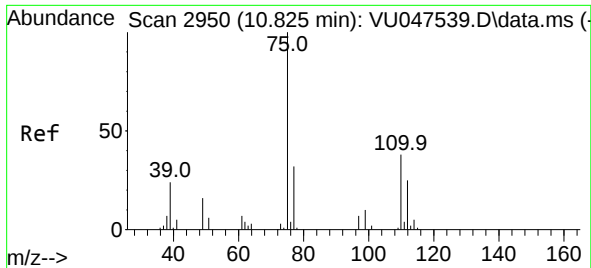
Tgt Ion: 75 Resp: 1553  
 Ion Ratio Lower Upper  
 75 100  
 77 44.2 22.6 42.0#



#42  
 Toluene  
 Concen: 1.634 ug/L  
 RT: 7.970 min Scan# 2062  
 Delta R.T. -0.000 min  
 Lab File: VU047550.D  
 Acq: 14 Mar 2022 21:16

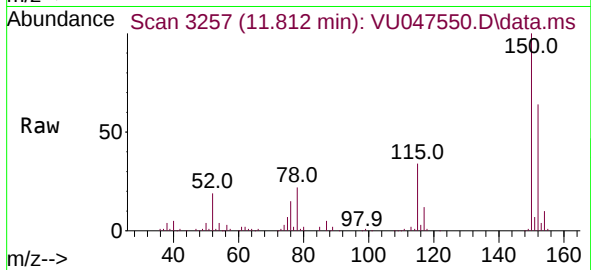
Tgt Ion: 91 Resp: 52650  
 Ion Ratio Lower Upper  
 91 100  
 92 58.0 40.2 74.6





#61  
 1,2,3-Trichloropropane  
 Concen: 1.226 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU047550.D  
 Acq: 14 Mar 2022 21:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNM5



Tgt Ion: 75 Resp: 6878  
 Ion Ratio Lower Upper  
 75 100  
 110 1.4 30.2 45.4#  
 77 33.1 26.6 39.8

