

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032423\  
 Data File : VU053399.D  
 Acq On : 24 Mar 2023 18:48  
 Operator : JC/MD  
 Sample : 02041-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 25 00:41:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Mar 25 00:39:08 2023  
 Response via : Initial Calibration

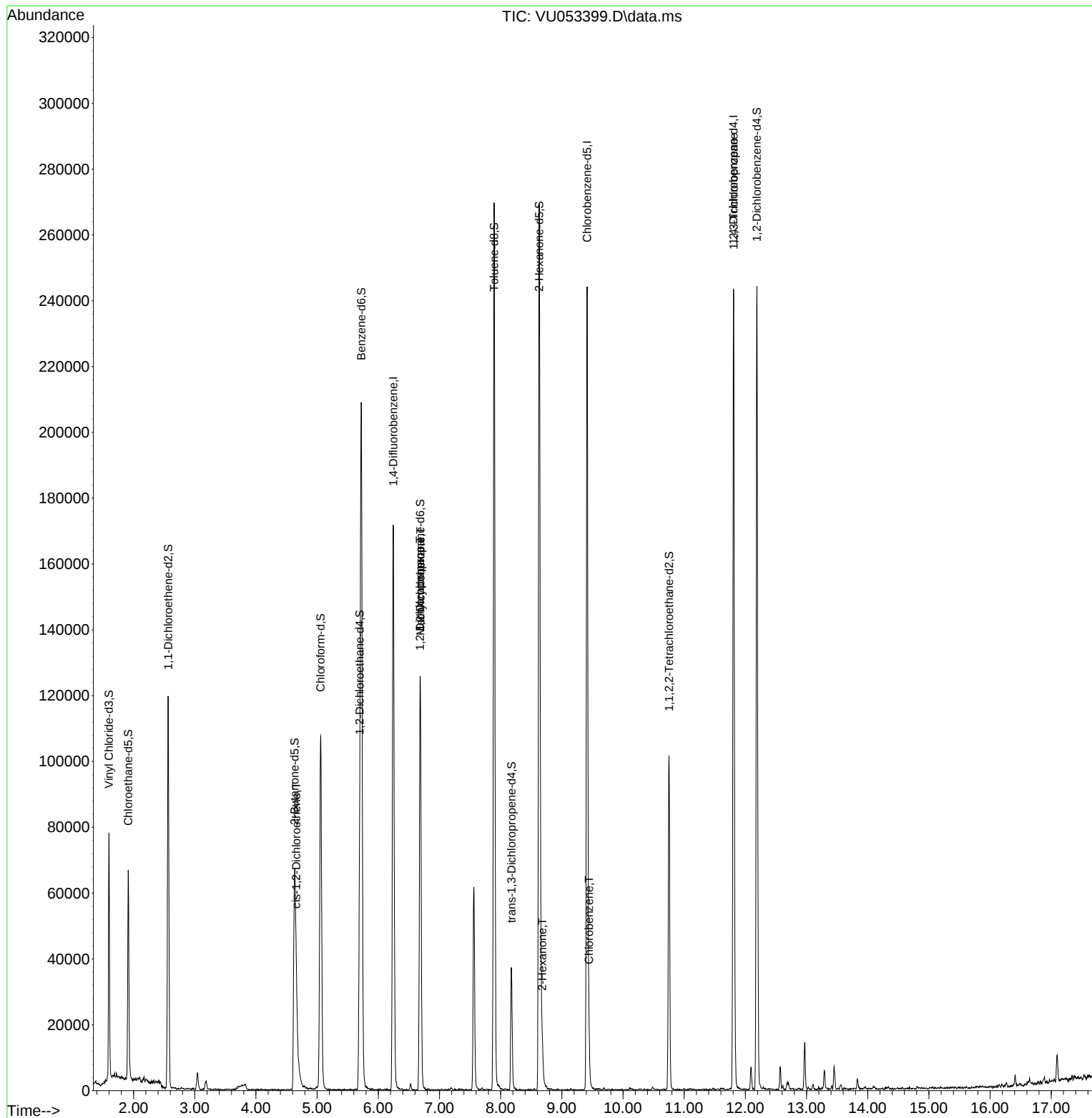
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.247     | 114            | 146083   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414     | 117            | 135173   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806    | 152            | 64590    | 5.000      | ug/L   | 0.00     |
|                               |           |                |          |            |        |          |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.597     | 65             | 51067    | 5.082      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 101.600% |        |          |
| 7) Chloroethane-d5            | 1.912     | 69             | 47480    | 5.206      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 104.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.568     | 65             | 21477    | 5.017      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 100.400% |        |          |
| 20) 2-Butanone-d5             | 4.633     | 46             | 122505   | 53.211     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 106.420% |        |          |
| 24) Chloroform-d              | 5.057     | 84             | 96743    | 5.193      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 103.800% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.697     | 65             | 49074    | 5.140      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 102.800% |        |          |
| 32) Benzene-d6                | 5.723     | 84             | 199707   | 5.213      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 104.200% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.684     | 67             | 63265    | 5.420      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 108.400% |        |          |
| 41) Toluene-d8                | 7.893     | 98             | 188580   | 5.218      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 104.400% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.176     | 79             | 22497    | 5.022      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 100.400% |        |          |
| 46) 2-Hexanone-d5             | 8.629     | 63             | 98205    | 53.975     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 107.940% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751    | 84             | 49229    | 5.067      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 101.400% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189    | 152            | 61911    | 5.328      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 106.600% |        |          |
|                               |           |                |          |            |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 4.658     | 96             | 1482     | 0.128      | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.687     | 83             | 14329    | 0.866      | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.681     | 63             | 6557     | 0.686      | ug/L # | 89       |
| 48) 2-Hexanone                | 8.681     | 43             | 4637     | 1.340      | ug/L   | 95       |
| 51) Chlorobenzene             | 9.443     | 112            | 7420     | 0.297      | ug/L # | 86       |
| 61) 1,2,3-Trichloropropane    | 11.809    | 75             | 9138     | 1.708      | ug/L # | 65       |
| -----                         |           |                |          |            |        |          |

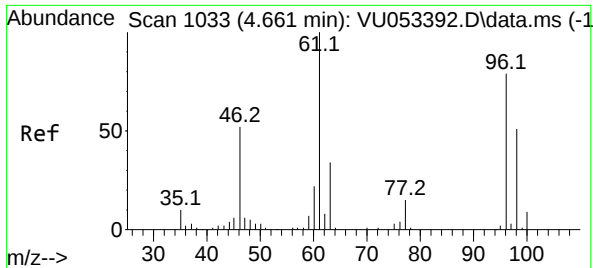
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.128 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053399.D

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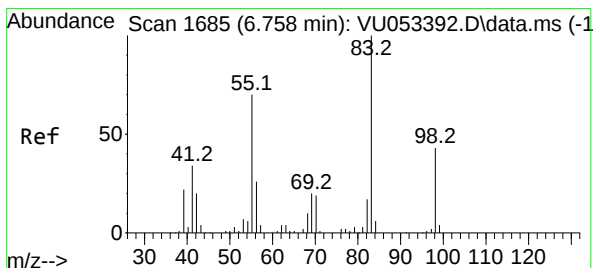
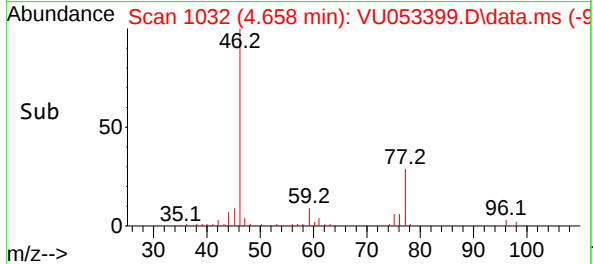
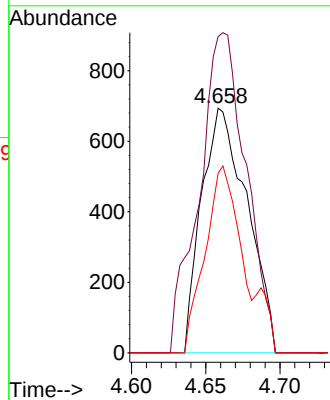
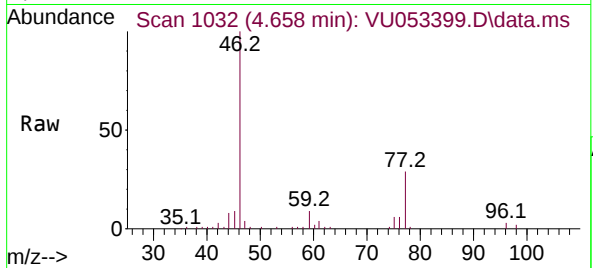
Instrument :

MSVOA\_U

ClientSampleId :

Tgt Ion: 96 Resp: 1482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 129.3 | 86.6  | 160.8 |
| 98  | 73.3  | 47.7  | 88.5  |



#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.687 min Scan# 1663

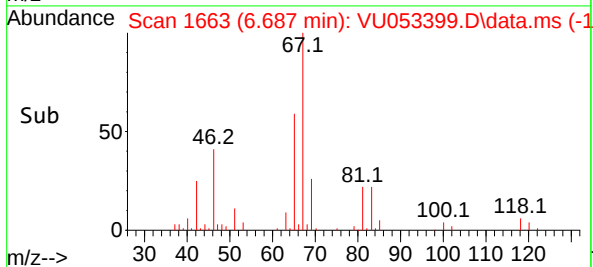
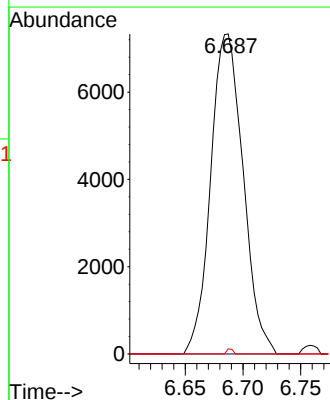
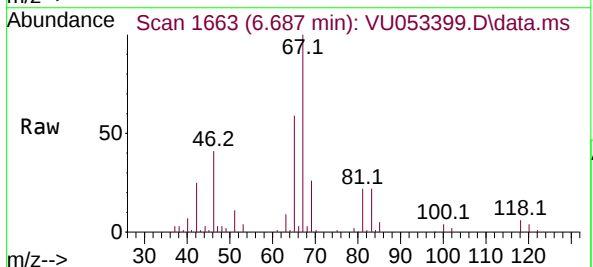
Delta R.T. -0.071 min

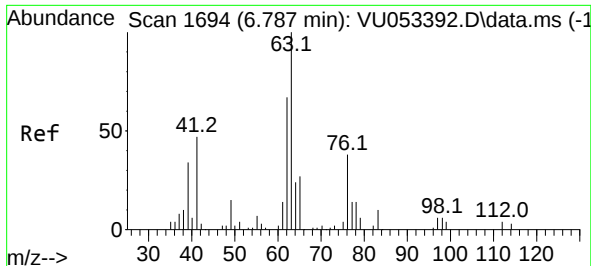
Lab File: VU053399.D

Acq: 24 Mar 2023 18:48

Tgt Ion: 83 Resp: 14329

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 54.9  | 82.3# |
| 98  | 0.3   | 34.9  | 52.3# |





#37

1,2-Dichloropropane

Concen: 0.686 ug/L

RT: 6.681 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU053399.D

Acq: 24 Mar 2023 18:48

Instrument :

MSVOA\_U

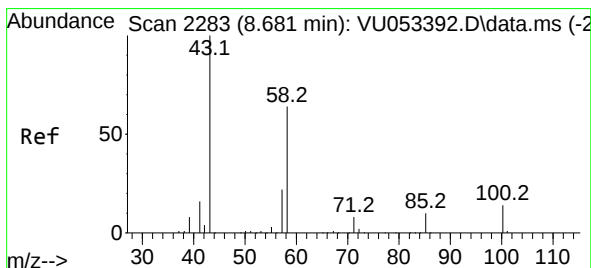
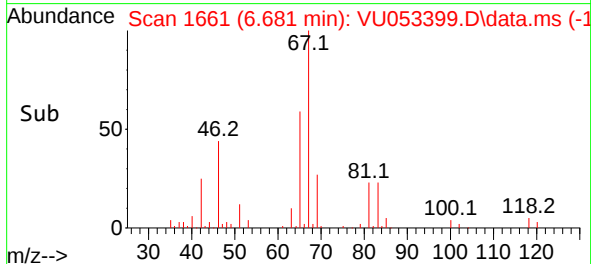
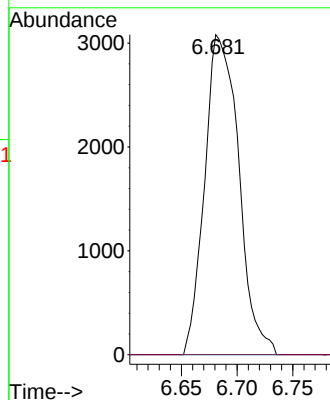
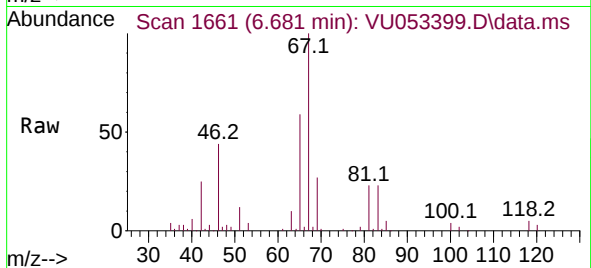
ClientSampleId :

Tgt Ion: 63 Resp: 6557

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#48

2-Hexanone

Concen: 1.340 ug/L

RT: 8.681 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VU053399.D

Acq: 24 Mar 2023 18:48

Tgt Ion: 43 Resp: 4637

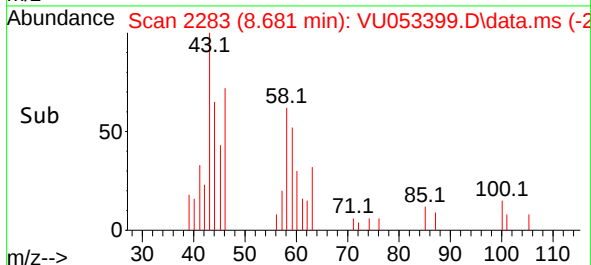
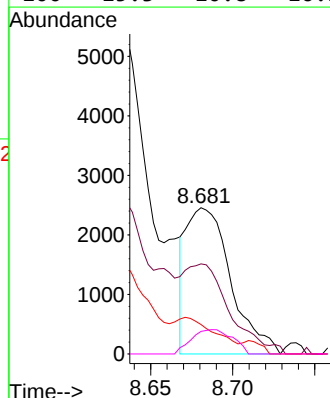
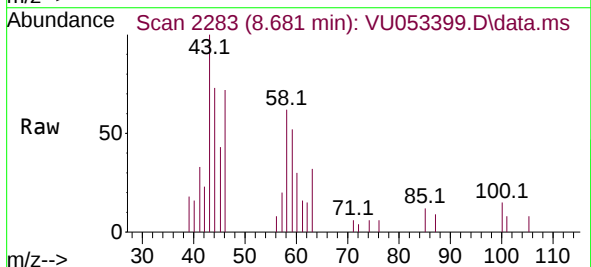
Ion Ratio Lower Upper

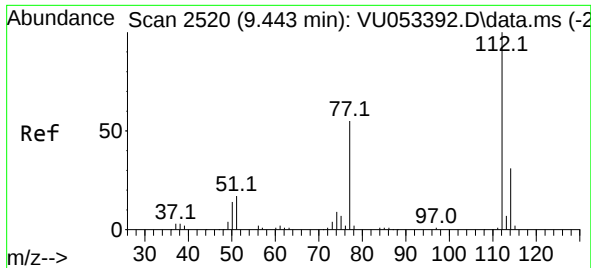
43 100

58 61.3 52.8 79.2

57 22.9 17.1 25.7

100 15.3 10.8 16.2

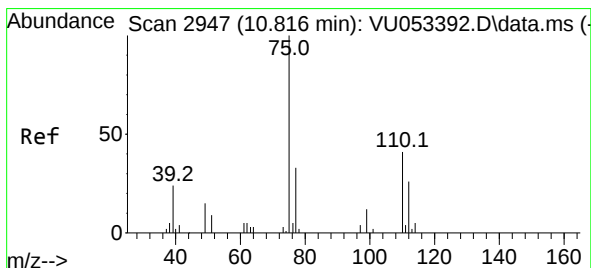
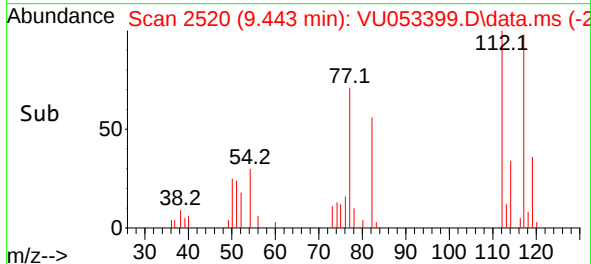
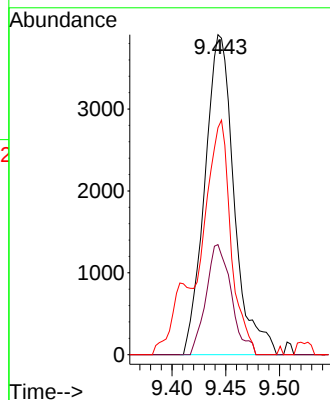
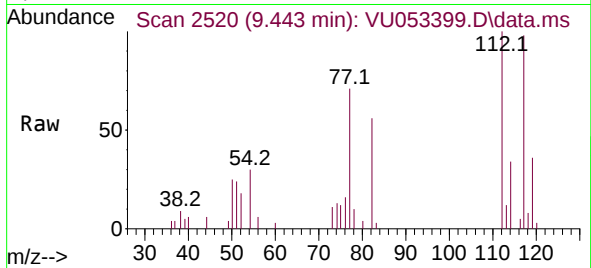




#51  
Chlorobenzene  
Concen: 0.297 ug/L  
RT: 9.443 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU053399.D  
Acq: 24 Mar 2023 18:48

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:112 Resp: 7420  
Ion Ratio Lower Upper  
112 100  
114 34.4 22.1 41.1  
77 70.9 45.8 68.6#



#61  
1,2,3-Trichloropropane  
Concen: 1.708 ug/L  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.994 min  
Lab File: VU053399.D  
Acq: 24 Mar 2023 18:48

Tgt Ion: 75 Resp: 9138  
Ion Ratio Lower Upper  
75 100  
110 2.7 30.6 46.0#  
77 28.9 26.1 39.1

