

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072022\  
 Data File : VU049800.D  
 Acq On : 20 Jul 2022 12:35  
 Operator : SY/MD  
 Sample : N3722-02ME  
 Misc : 5.74g/5.0mL/100ul/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5C35ME

Quant Time: Jul 21 04:23:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 21 04:19:56 2022  
 Response via : Initial Calibration

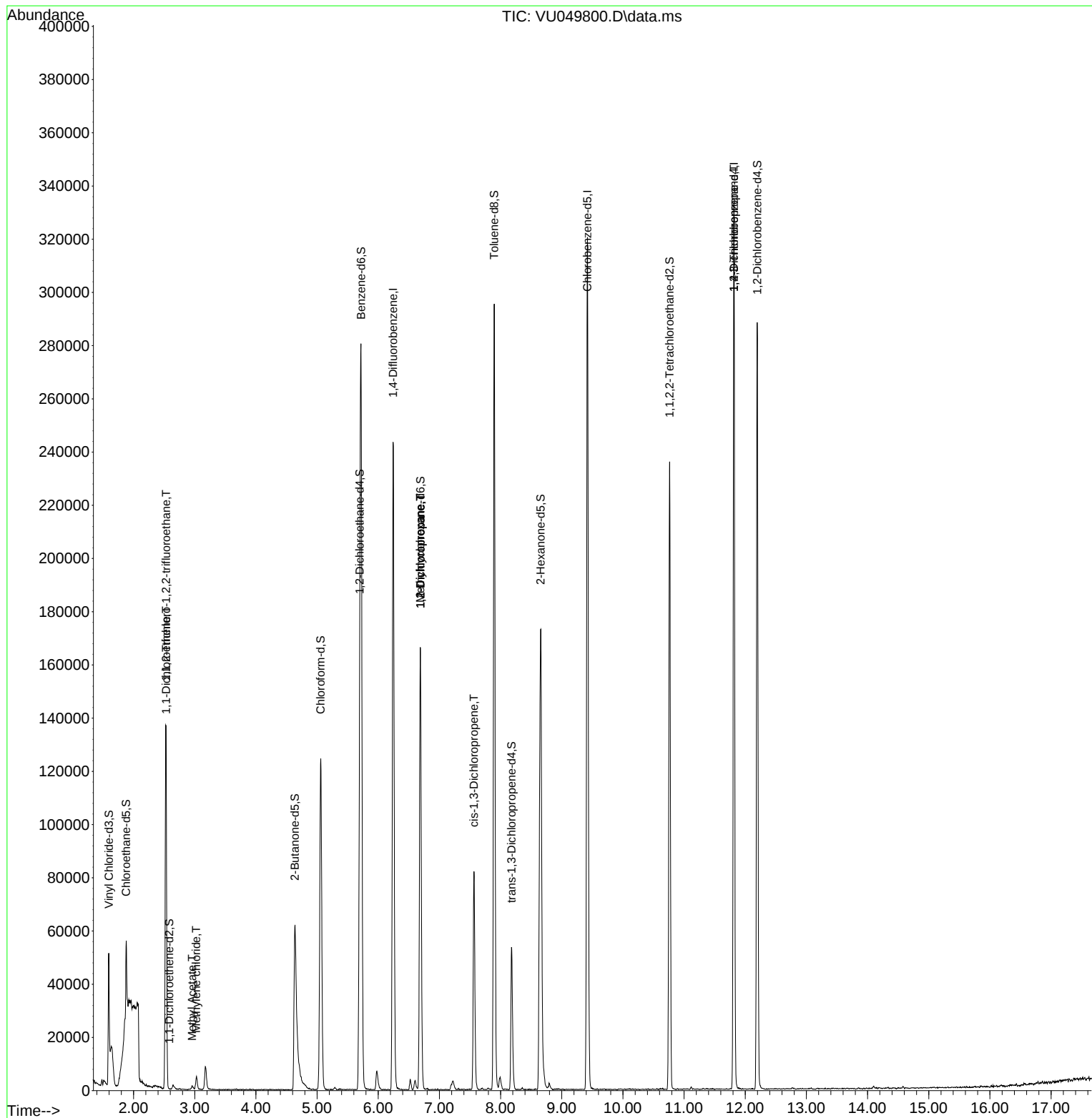
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 192433     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 186776     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 84330      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594          | 65   | 42317      | 26.063   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 52.120%# |        |          |
| 7) Chloroethane-d5            | 1.880          | 69   | 25931      | 22.095   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 44.180%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.584          | 63   | 113        | 0.039    | ug/L   | 0.02     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 0.080%#  |        |          |
| 21) 2-Butanone-d5             | 4.639          | 46   | 121918     | 87.961   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 87.960%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 117810     | 40.967   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.940%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65   | 85764      | 44.065   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.140%  |        |          |
| 32) Benzene-d6                | 5.719          | 84   | 230605     | 40.641   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.280%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 81290      | 42.592   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 85.180%  |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 193183     | 39.095   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.200%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 32134      | 39.962   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.920%  |        |          |
| 47) 2-Hexanone-d5             | 8.655          | 63   | 78121      | 90.995   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 90.990%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 120497     | 45.122   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.240%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 71599      | 45.031   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.060%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.530          | 101  | 701        | 0.473    | ug/L # | 20       |
| 12) 1,1-Dichloroethene        | 2.533          | 96   | 593        | 0.431    | ug/L # | 1        |
| 15) Methyl Acetate            | 2.957          | 43   | 1889       | 0.883    | ug/L # | 88       |
| 16) Methylene chloride        | 3.025          | 84   | 2227       | 1.285    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.687          | 83   | 18001      | 6.750    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.690          | 63   | 9032       | 4.641    | ug/L # | 89       |
| 39) cis-1,3-Dichloropropene   | 7.565          | 75   | 2299       | 0.876    | ug/L # | 77       |
| 60) 1,2,3-Trichloropropane    | 11.816         | 75   | 10831      | 4.822    | ug/L # | 67       |
| -----                         |                |      |            |          |        |          |

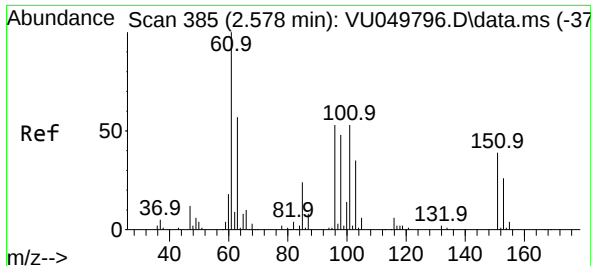
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Jul 21 04:19:56 2022  
Response via : Initial Calibration

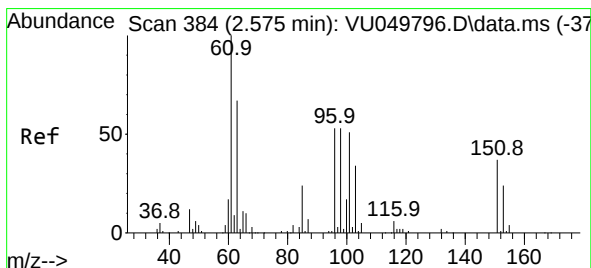
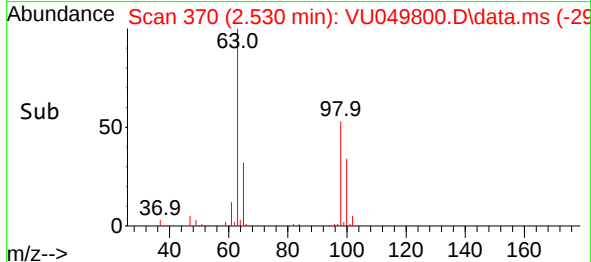
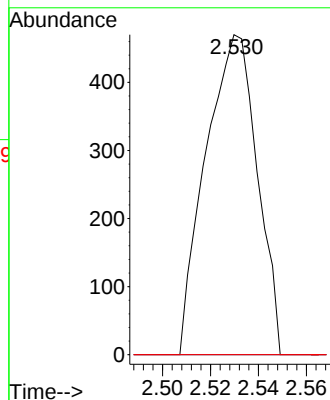
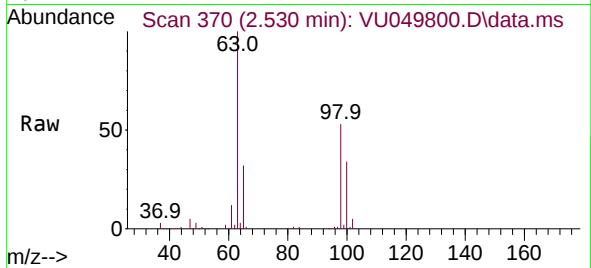




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.473 ug/L  
 RT: 2.530 min Scan# 31  
 Delta R.T. -0.048 min  
 Lab File: VU049800.D  
 Acq: 20 Jul 2022 12:35

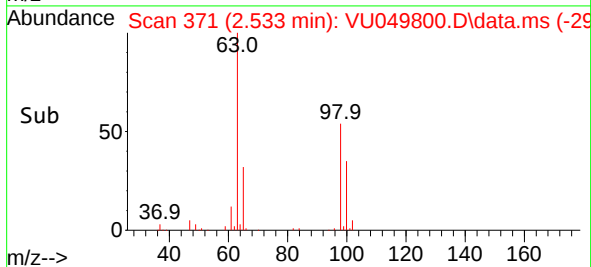
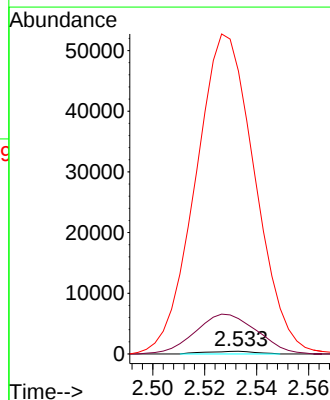
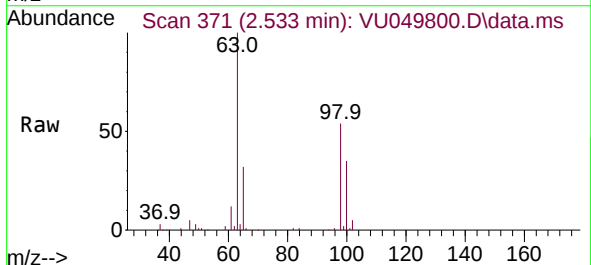
Instrument :  
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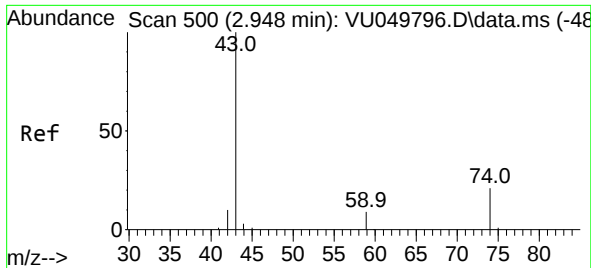
Tgt Ion:101 Resp: 701  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 37.3 55.9#  
 151 0.0 56.9 85.3#



#12  
 1,1-Dichloroethene  
 Concen: 0.431 ug/L  
 RT: 2.533 min Scan# 371  
 Delta R.T. -0.042 min  
 Lab File: VU049800.D  
 Acq: 20 Jul 2022 12:35

Tgt Ion: 96 Resp: 593  
 Ion Ratio Lower Upper  
 96 100  
 61 1274.4 129.6 240.6#  
 63 10198.7 79.0 146.6#

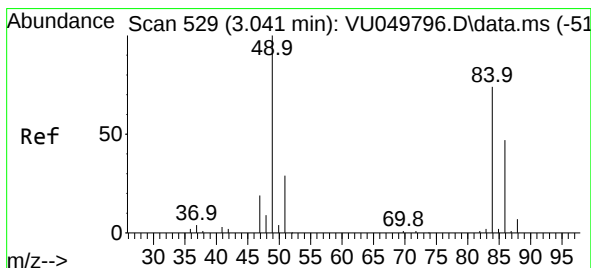
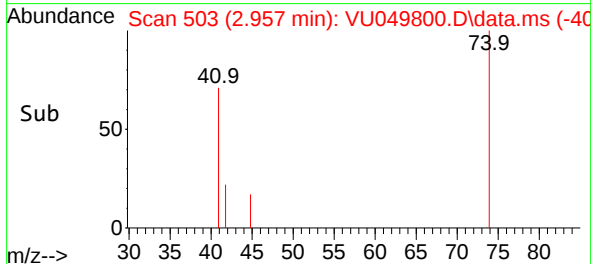
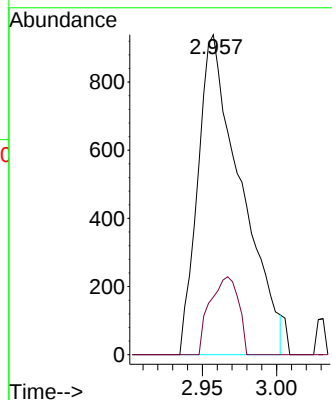
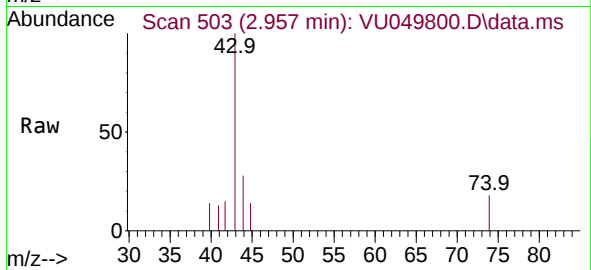




#15  
Methyl Acetate  
Concen: 0.883 ug/L  
RT: 2.957 min Scan# 501  
Delta R.T. 0.010 min  
Lab File: VU049800.D  
Acq: 20 Jul 2022 12:35

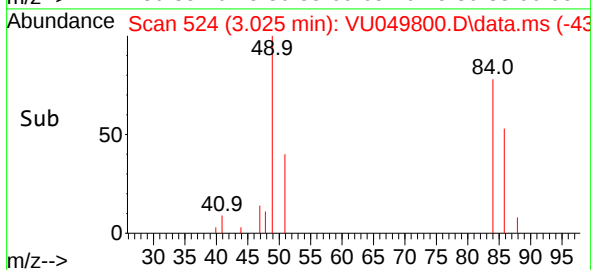
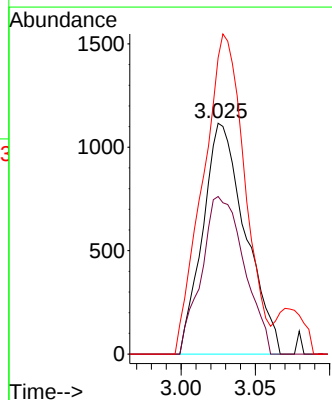
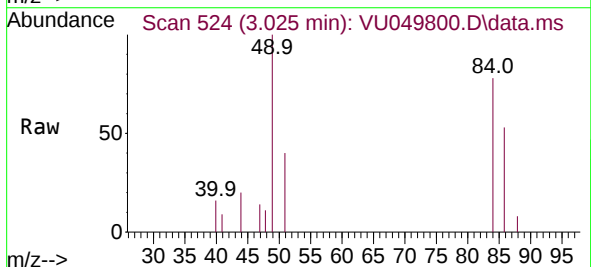
Instrument :  
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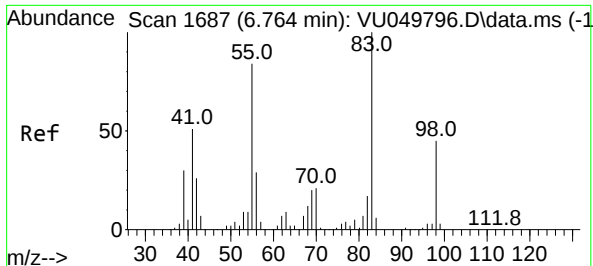
Tgt Ion: 43 Resp: 1889  
Ion Ratio Lower Upper  
43 100  
74 16.1 17.4 26.0#



#16  
Methylene chloride  
Concen: 1.285 ug/L  
RT: 3.025 min Scan# 524  
Delta R.T. -0.016 min  
Lab File: VU049800.D  
Acq: 20 Jul 2022 12:35

Tgt Ion: 84 Resp: 2227  
Ion Ratio Lower Upper  
84 100  
86 68.3 45.6 84.6  
49 128.4 94.4 175.4

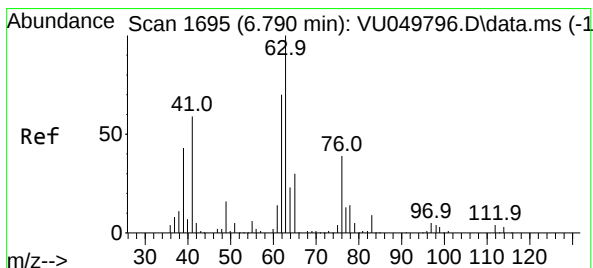
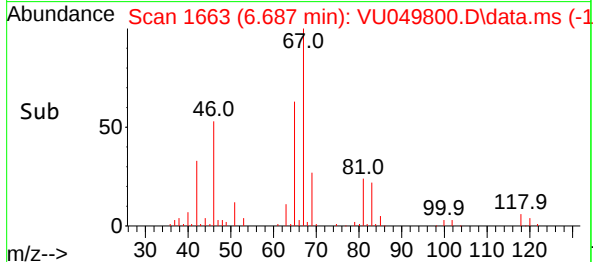
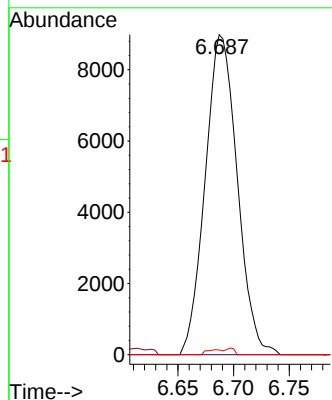
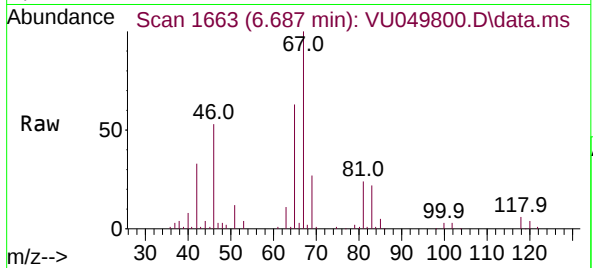




#35  
Methylcyclohexane  
Concen: 6.750 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.077 min  
Lab File: VU049800.D  
Acq: 20 Jul 2022 12:35

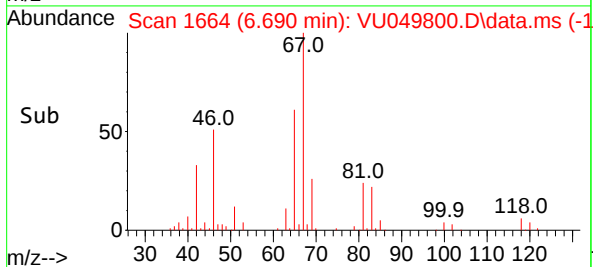
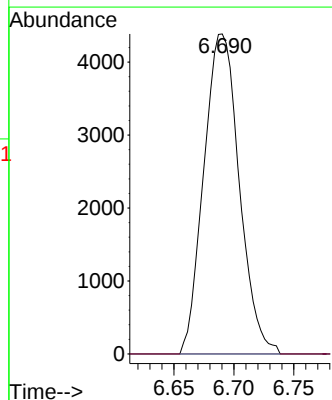
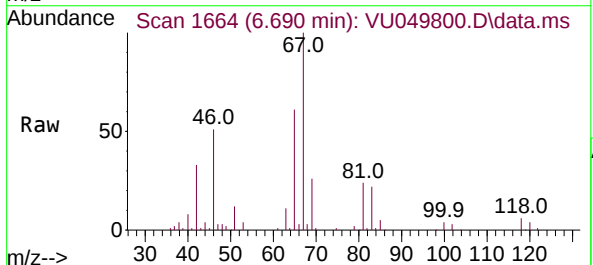
Instrument :  
MSVOA\_U  
ClientSampleId :  
F5C35ME

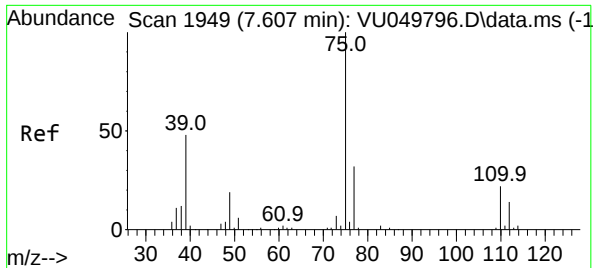
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.4   | 66.0  | 99.0# |
| 98      | 0.2   | 34.6  | 51.8# |



#37  
1,2-Dichloropropane  
Concen: 4.641 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.100 min  
Lab File: VU049800.D  
Acq: 20 Jul 2022 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 2.8   | 4.2#  |





#39

cis-1,3-Dichloropropene

Concen: 0.876 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049800.D

Acq: 20 Jul 2022 12:35

Instrument :

MSVOA\_U

ClientSampleId :

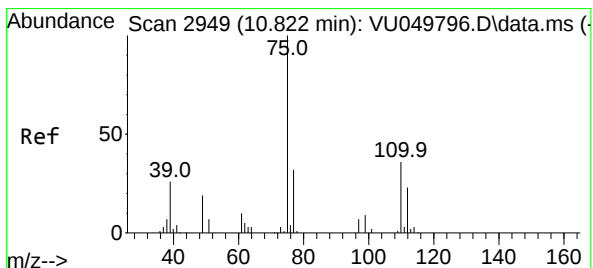
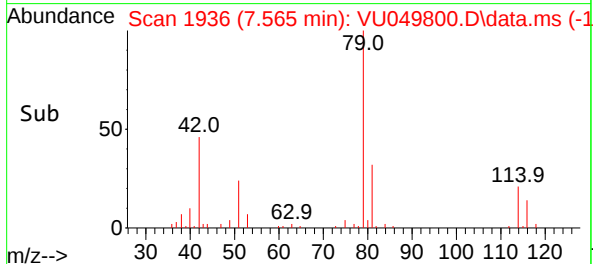
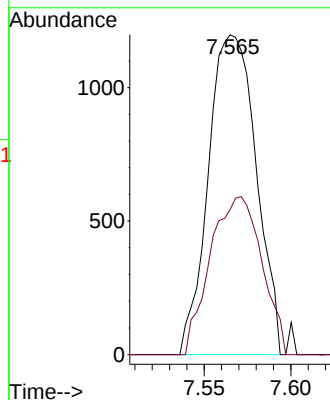
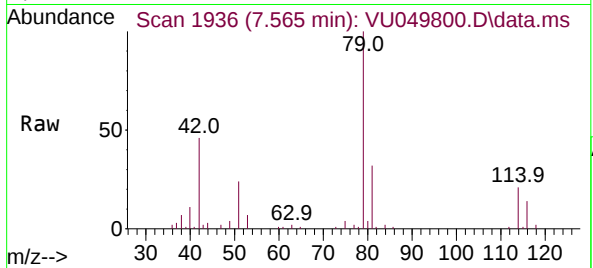
F5C35ME

Tgt Ion: 75 Resp: 2299

Ion Ratio Lower Upper

75 100

77 45.3 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.822 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU049800.D

Acq: 20 Jul 2022 12:35

Tgt Ion: 75 Resp: 10831

Ion Ratio Lower Upper

75 100

77 34.9 25.5 38.3

110 2.2 28.9 43.3#

