

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062222\  
 Data File : VU049353.D  
 Acq On : 22 Jun 2022 15:45  
 Operator : SY/MD  
 Sample : N3392-07 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 23 02:07:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 23 02:04:00 2022  
 Response via : Initial Calibration

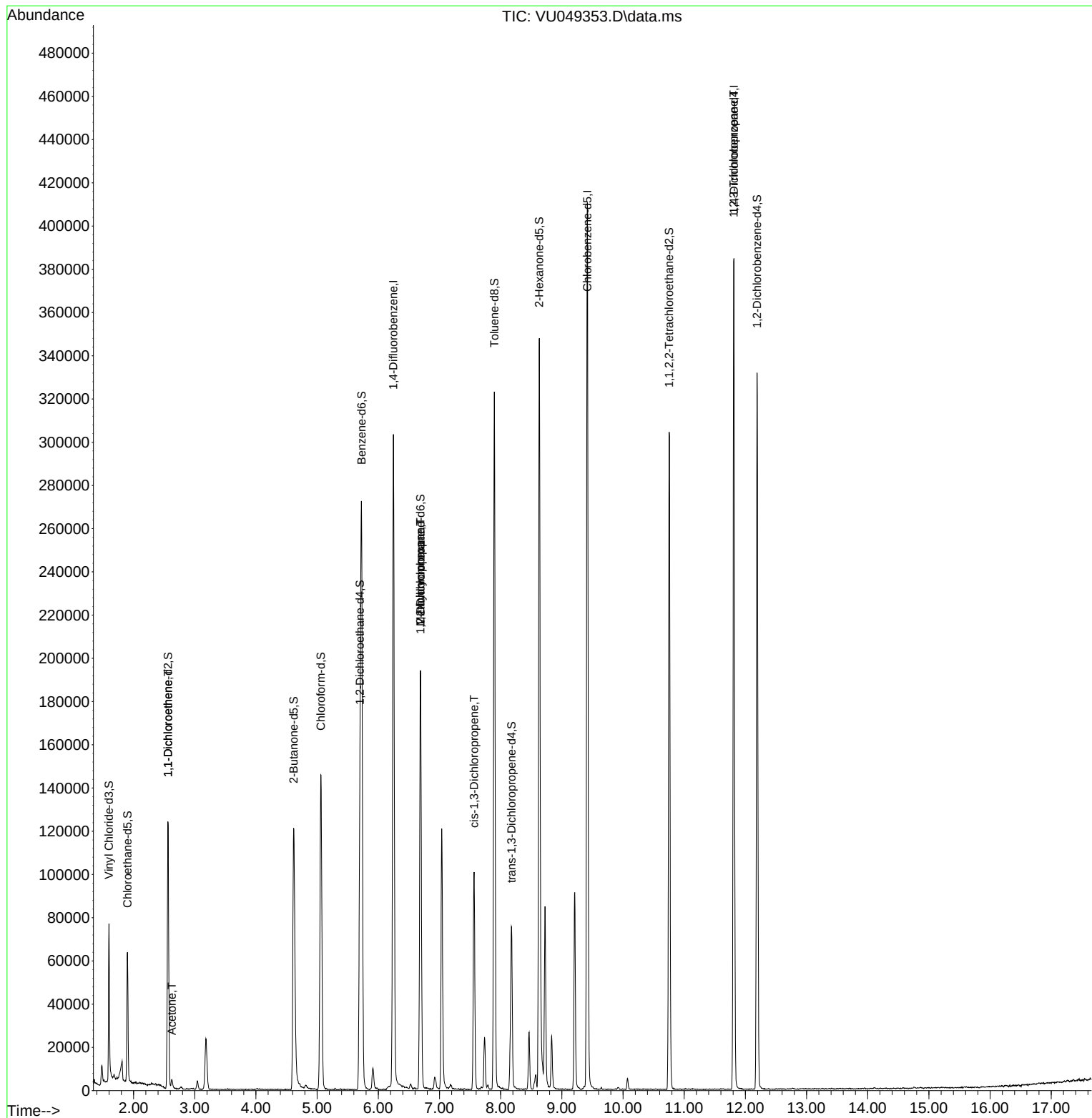
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114            | 233670   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117            | 218153   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152            | 99232    | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 51842    | 36.014  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 72.020%  |          |
| 7) Chloroethane-d5            | 1.900   | 69             | 44209    | 41.827  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 83.660%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63             | 75055    | 27.631  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 55.260%# |          |
| 21) 2-Butanone-d5             | 4.617   | 46             | 173254   | 109.774 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 109.770% |          |
| 24) Chloroform-d              | 5.060   | 84             | 133792   | 43.568  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 87.140%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65             | 88644    | 44.556  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 89.120%  |          |
| 32) Benzene-d6                | 5.726   | 84             | 242368   | 44.804  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 89.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67             | 92135    | 50.665  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 101.320% |          |
| 41) Toluene-d8                | 7.896   | 98             | 206289   | 43.241  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 86.480%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 39240    | 45.866  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 91.740%  |          |
| 47) 2-Hexanone-d5             | 8.629   | 63             | 112824   | 118.542 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 118.540% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84             | 151745   | 49.960  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 99.920%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152            | 83803    | 48.537  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 97.080%  |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.562   | 96             | 530      | 0.368   | ug/L #   | 1        |
| 13) Acetone                   | 2.623   | 43             | 5028     | 4.049   | ug/L     | 97       |
| 35) Methylcyclohexane         | 6.690   | 83             | 20943    | 8.422   | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.687   | 63             | 10056    | 5.046   | ug/L #   | 88       |
| 39) cis-1,3-Dichloropropene   | 7.565   | 75             | 2758     | 0.940   | ug/L     | 85       |
| 60) 1,2,3-Trichloropropane    | 11.809  | 75             | 12485    | 4.960   | ug/L #   | 69       |
| -----                         |         |                |          |         |          |          |

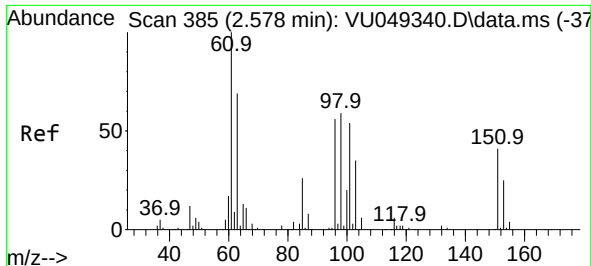
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jun 23 02:04:00 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.368 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU049353.D

Acq: 22 Jun 2022 15:45

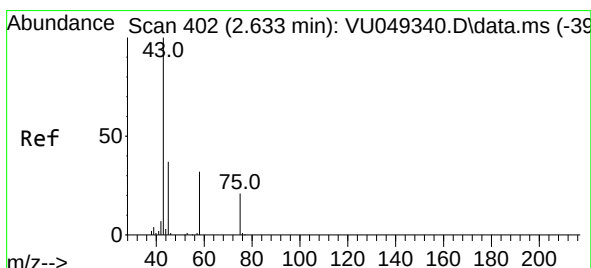
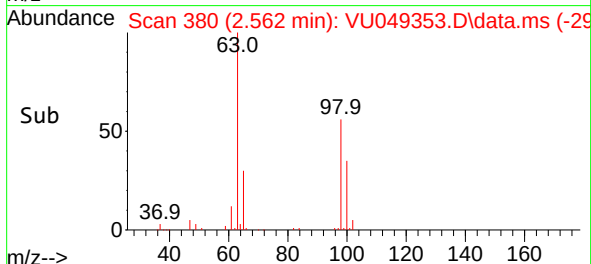
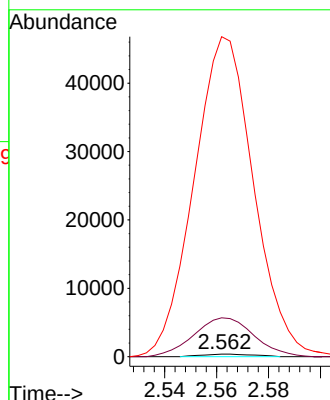
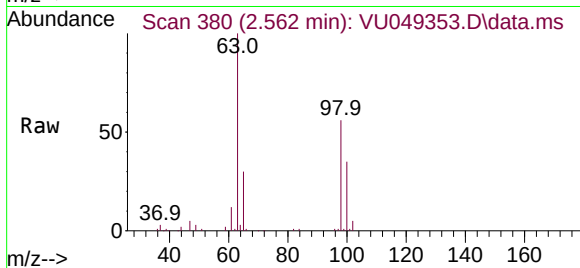
Instrument :

MSVOA\_U

ClientSampleId :

Tgt Ion: 96 Resp: 530

| Ion | Ratio   | Lower | Upper  |
|-----|---------|-------|--------|
| 96  | 100     |       |        |
| 61  | 1490.8  | 123.5 | 229.3# |
| 63  | 12251.3 | 86.0  | 159.8# |



#13

Acetone

Concen: 4.049 ug/L

RT: 2.623 min Scan# 399

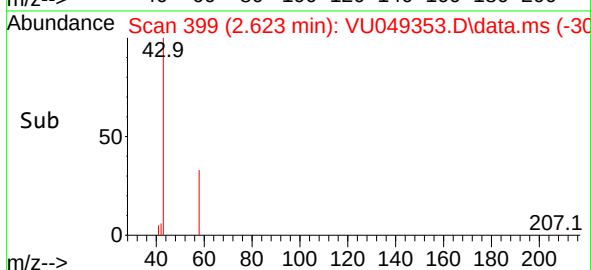
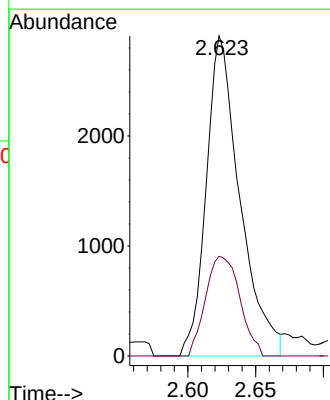
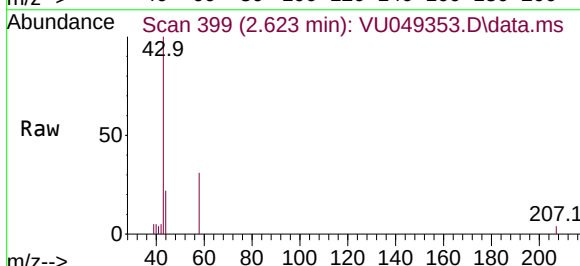
Delta R.T. -0.009 min

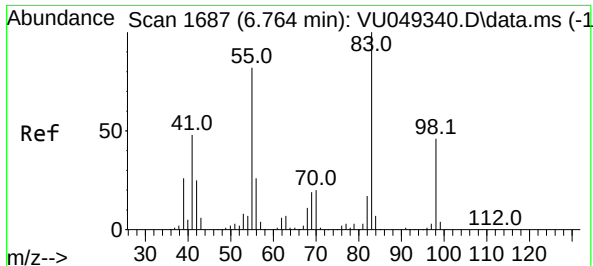
Lab File: VU049353.D

Acq: 22 Jun 2022 15:45

Tgt Ion: 43 Resp: 5028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.6  | 0.0   | 66.4  |





#35

Methylcyclohexane

Concen: 8.422 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049353.D

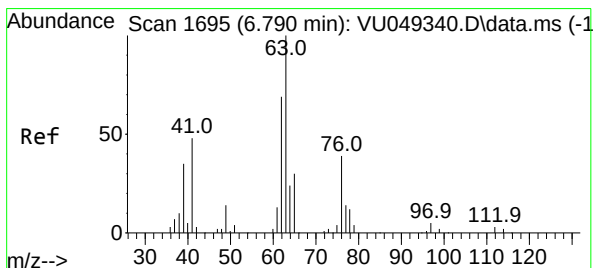
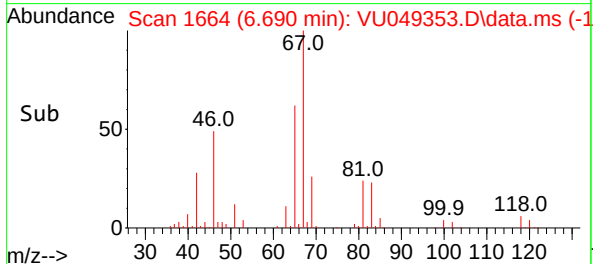
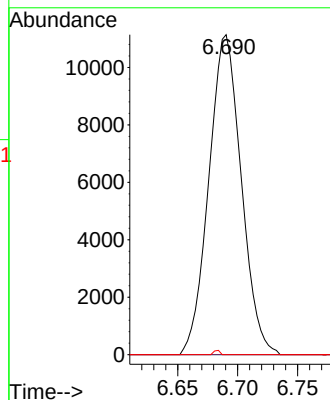
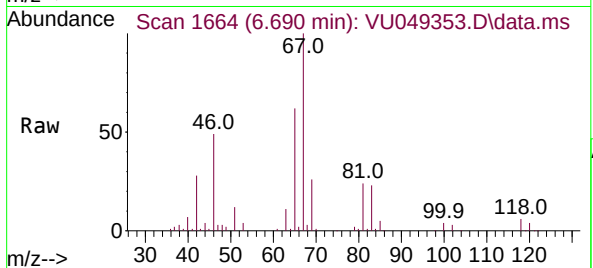
Acq: 22 Jun 2022 15:45

Instrument :

MSVOA\_U

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 20943 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 0.7   | 61.0  | 91.6# |
| 98        | 0.3   | 36.8  | 55.2# |



#37

1,2-Dichloropropane

Concen: 5.046 ug/L

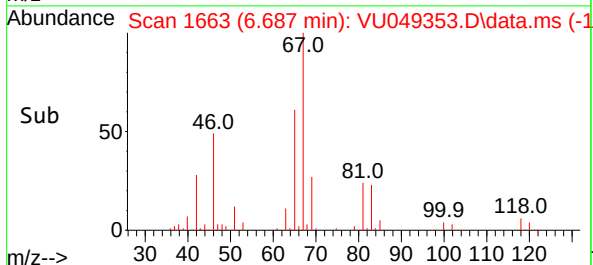
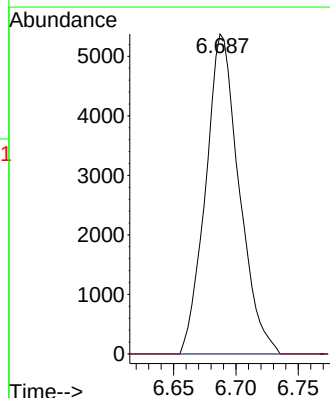
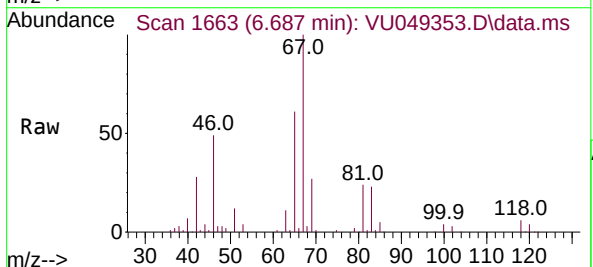
RT: 6.687 min Scan# 1663

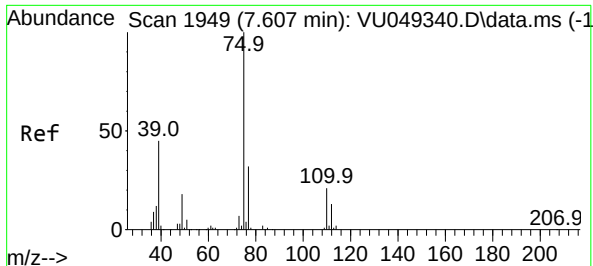
Delta R.T. -0.103 min

Lab File: VU049353.D

Acq: 22 Jun 2022 15:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 10056 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 112       | 0.0   | 3.2   | 4.8#  |





#39

cis-1,3-Dichloropropene

Concen: 0.940 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049353.D

Acq: 22 Jun 2022 15:45

Instrument :

MSVOA\_U

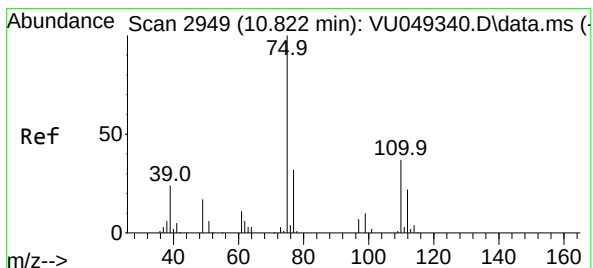
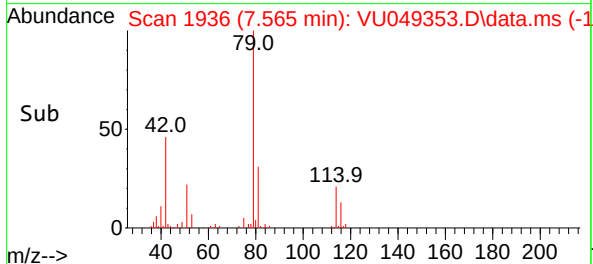
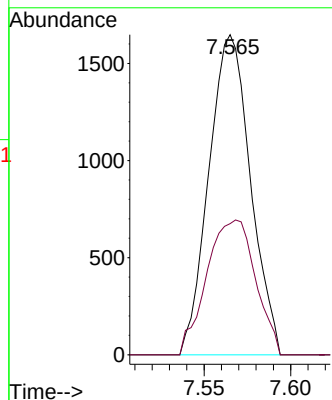
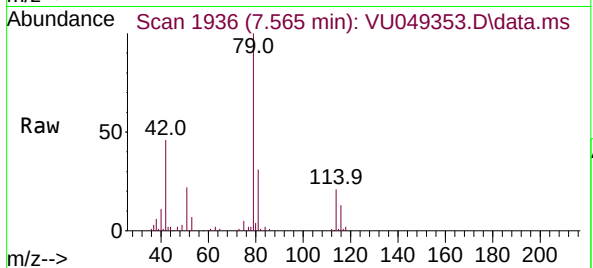
ClientSampleId :

Tgt Ion: 75 Resp: 2758

Ion Ratio Lower Upper

75 100

77 41.0 22.6 42.0



#60

1,2,3-Trichloropropane

Concen: 4.960 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU049353.D

Acq: 22 Jun 2022 15:45

Tgt Ion: 75 Resp: 12485

Ion Ratio Lower Upper

75 100

77 33.8 26.6 40.0

110 3.1 30.2 45.4#

