

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062222\  
 Data File : VU049360.D  
 Acq On : 22 Jun 2022 18:30  
 Operator : SY/MD  
 Sample : N3392-15 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 23 02:08:29 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

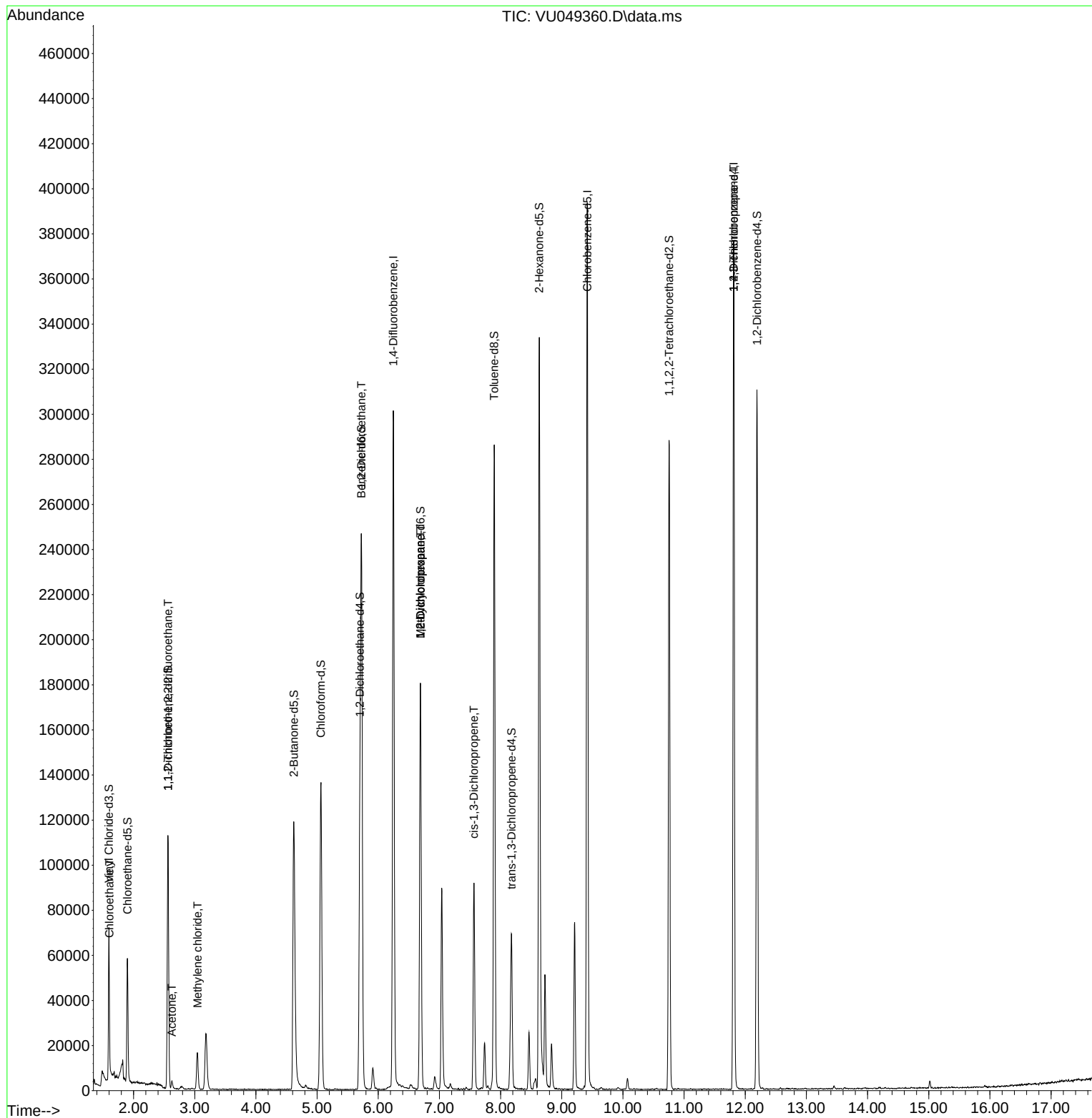
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 232022     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 211013     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 96213      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 46391      | 32.456   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 64.920%  |        |          |
| 7) Chloroethane-d5            | 1.899          | 69   | 39658      | 37.788   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 75.580%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 67136      | 24.891   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 49.780%# |        |          |
| 21) 2-Butanone-d5             | 4.620          | 46   | 166743     | 106.399  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 106.400% |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 125491     | 41.155   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.320%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 82691      | 41.859   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.720%  |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 217685     | 41.603   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.200%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 85636      | 48.684   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 97.360%  |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 185612     | 40.223   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 80.440%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 35201      | 42.537   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 85.080%  |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 105847     | 114.974  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 114.970% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754         | 84   | 143392     | 48.807   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.620%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 77994      | 46.590   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.180%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 8) Chloroethane               | 1.604          | 64   | 1773       | 1.552    | ug/L   | 92       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.562          | 101  | 558        | 0.341    | ug/L # | 19       |
| 13) Acetone                   | 2.626          | 43   | 3889       | 3.154    | ug/L   | 91       |
| 16) Methylene chloride        | 3.044          | 84   | 7468       | 4.008    | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.722          | 62   | 1308       | 0.455    | ug/L # | 76       |
| 35) Methylcyclohexane         | 6.690          | 83   | 19319      | 8.032    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.690          | 63   | 9480       | 4.918    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.565          | 75   | 2233       | 0.787    | ug/L   | 87       |
| 60) 1,2,3-Trichloropropane    | 11.812         | 75   | 12721      | 5.213    | ug/L # | 66       |
| -----                         |                |      |            |          |        |          |

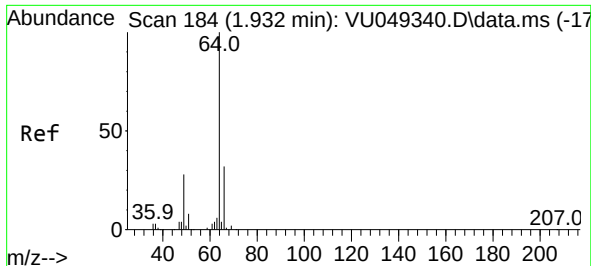
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062222\  
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Sample : N3392-15 10X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

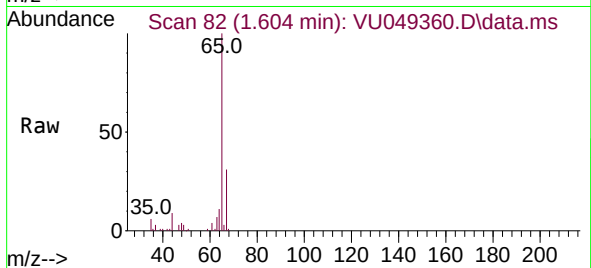
Quant Time: Jun 23 02:08:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jun 23 02:04:00 2022  
Response via : Initial Calibration



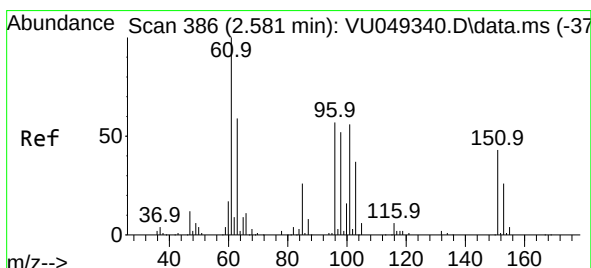
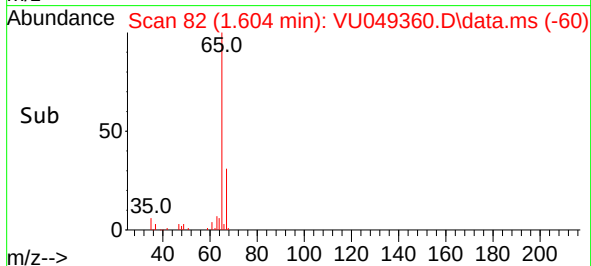
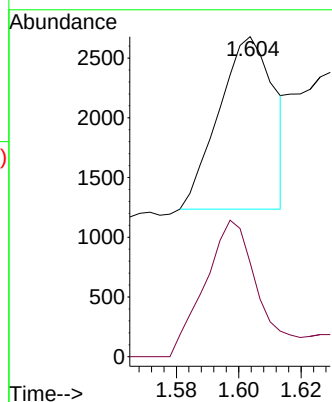


#8  
Chloroethane  
Concen: 1.552 ug/L  
RT: 1.604 min Scan# 81  
Delta R.T. -0.328 min  
Lab File: VU049360.D  
Acq: 22 Jun 2022 18:30

Instrument :  
MSVOA\_U  
ClientSampleId :

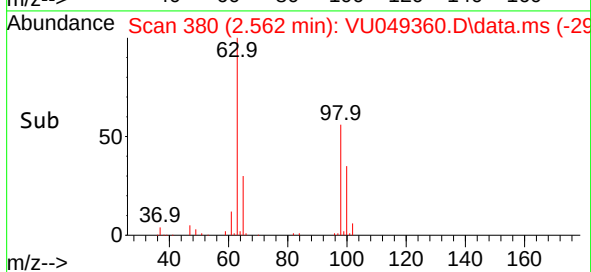
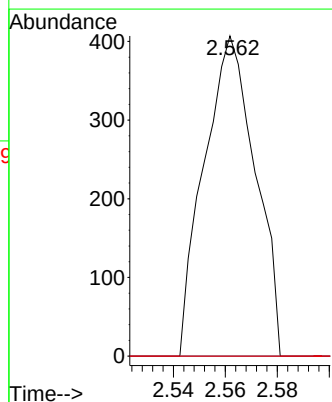
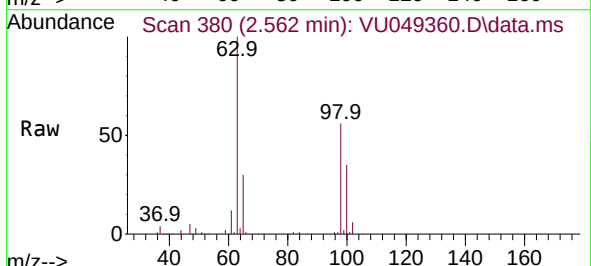


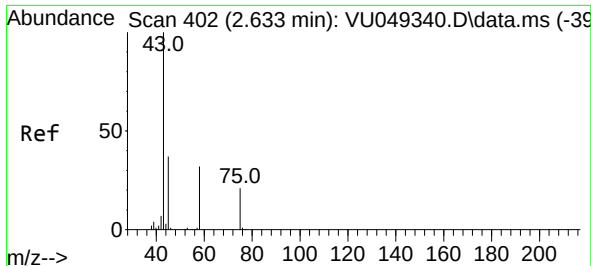
Tgt Ion: 64 Resp: 1773  
Ion Ratio Lower Upper  
64 100  
66 29.4 23.7 43.9



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.341 ug/L  
RT: 2.562 min Scan# 380  
Delta R.T. -0.019 min  
Lab File: VU049360.D  
Acq: 22 Jun 2022 18:30

Tgt Ion: 101 Resp: 558  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.2 52.8#  
151 0.0 61.4 92.2#





#13

Acetone

Concen: 3.154 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU049360.D

Acq: 22 Jun 2022 18:30

Instrument :

MSVOA\_U

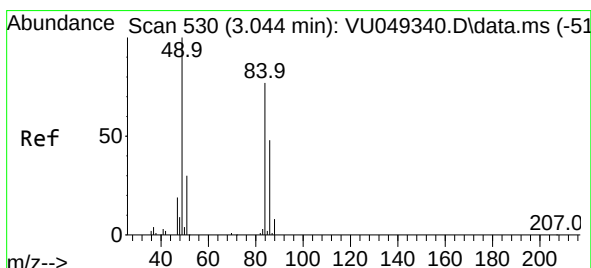
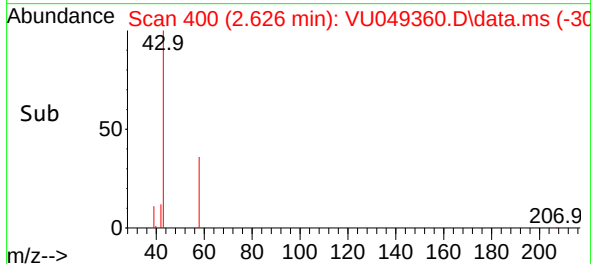
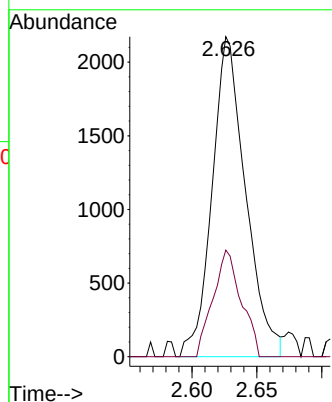
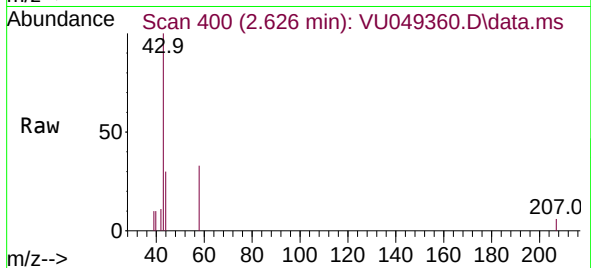
ClientSampleId :

Tgt Ion: 43 Resp: 3889

Ion Ratio Lower Upper

43 100

58 27.9 0.0 66.4



#16

Methylene chloride

Concen: 4.008 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU049360.D

Acq: 22 Jun 2022 18:30

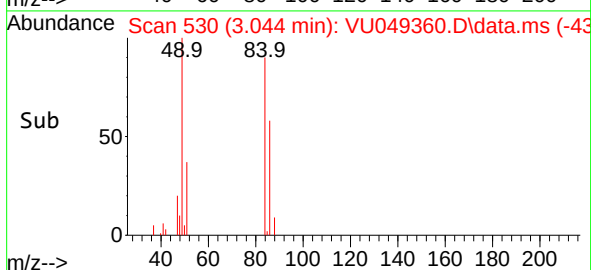
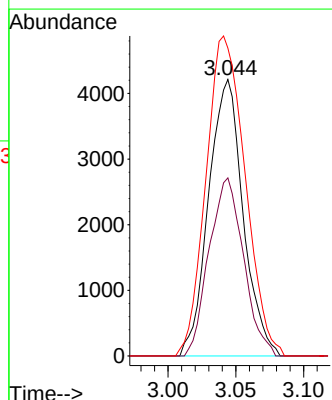
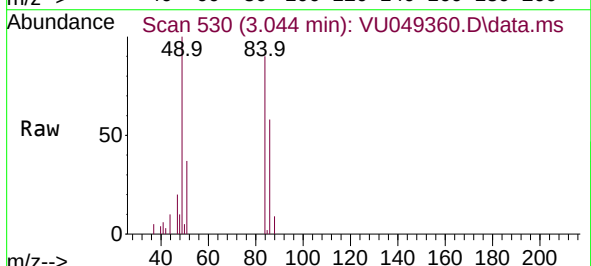
Tgt Ion: 84 Resp: 7468

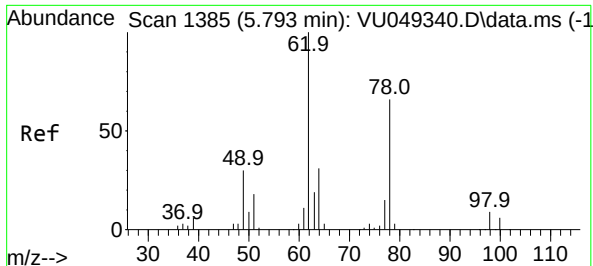
Ion Ratio Lower Upper

84 100

86 64.4 45.8 85.0

49 111.4 83.4 155.0





#27

1,2-Dichloroethane

Concen: 0.455 ug/L

RT: 5.722 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049360.D

Acq: 22 Jun 2022 18:30

Instrument :

MSVOA\_U

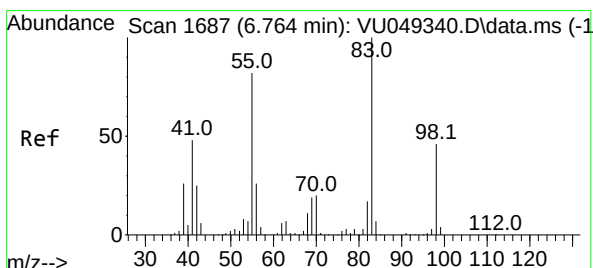
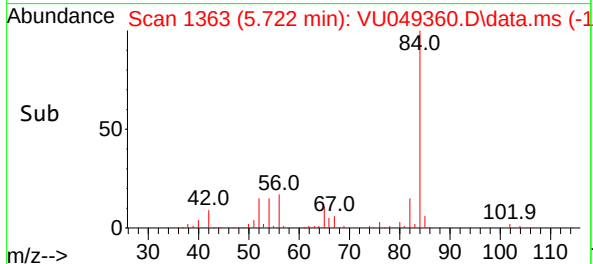
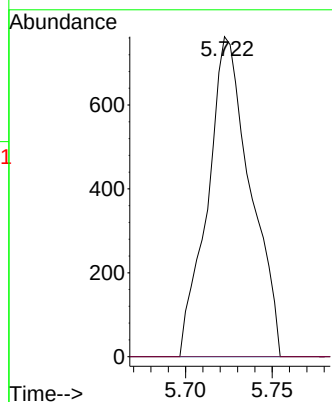
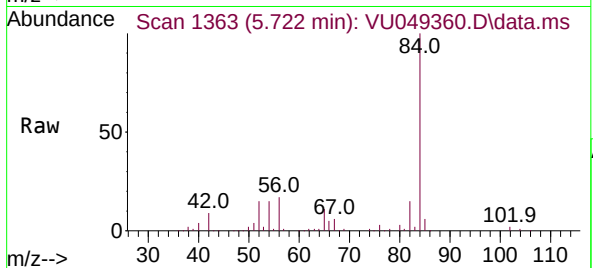
ClientSampleId :

Tgt Ion: 62 Resp: 1308

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#



#35

Methylcyclohexane

Concen: 8.032 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049360.D

Acq: 22 Jun 2022 18:30

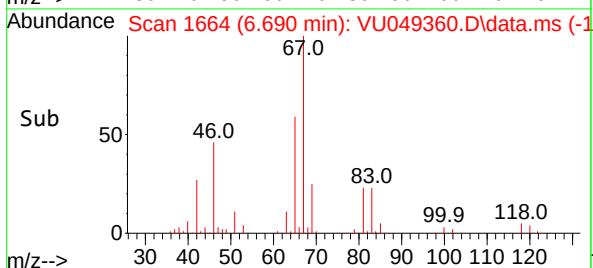
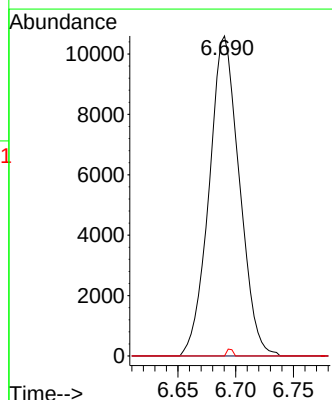
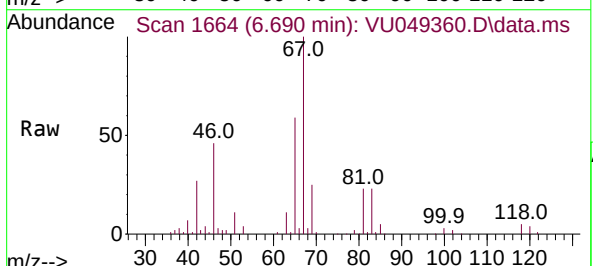
Tgt Ion: 83 Resp: 19319

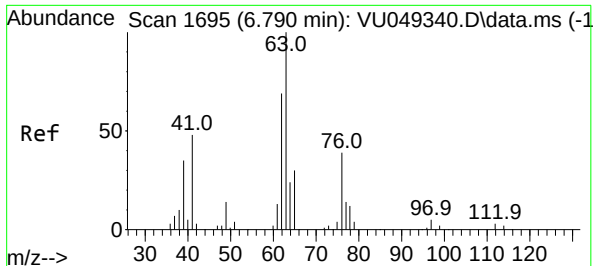
Ion Ratio Lower Upper

83 100

55 0.5 61.0 91.6#

98 0.4 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 4.918 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049360.D

Acq: 22 Jun 2022 18:30

Instrument :

MSVOA\_U

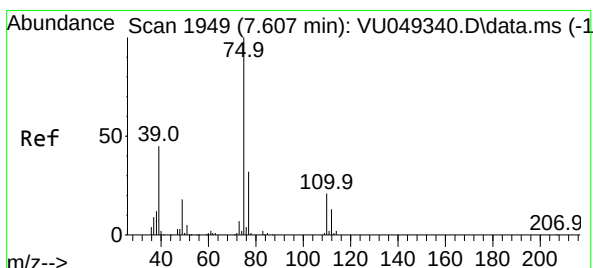
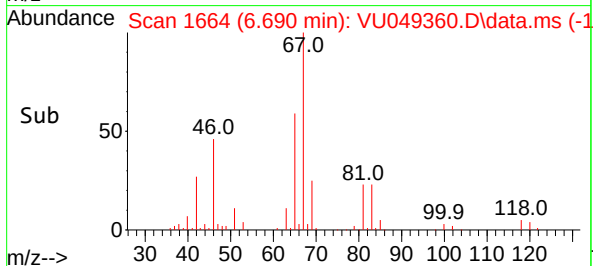
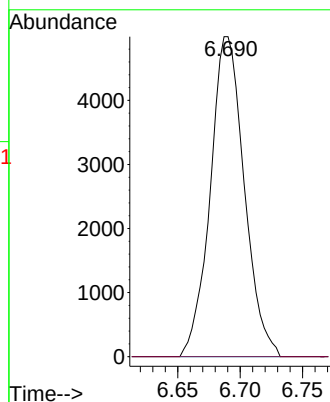
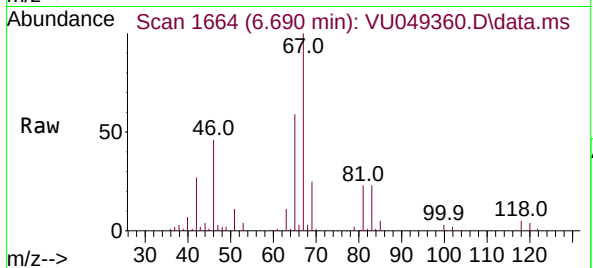
ClientSampleId :

Tgt Ion: 63 Resp: 9480

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.787 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049360.D

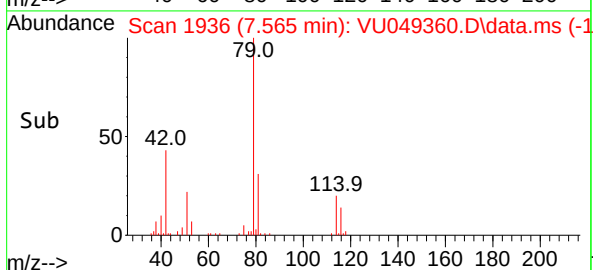
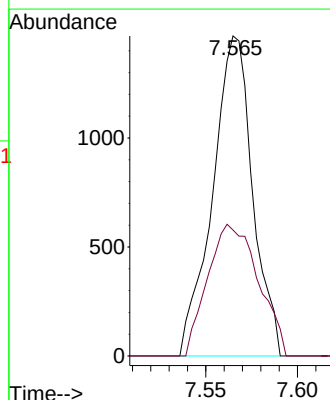
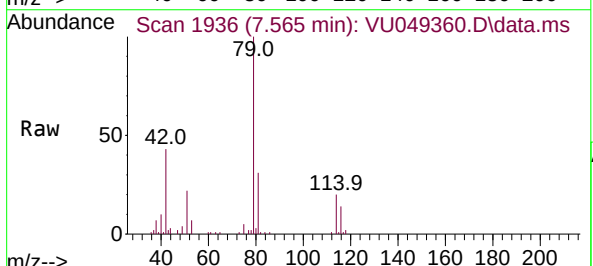
Acq: 22 Jun 2022 18:30

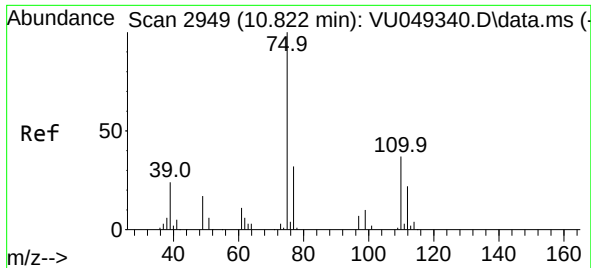
Tgt Ion: 75 Resp: 2233

Ion Ratio Lower Upper

75 100

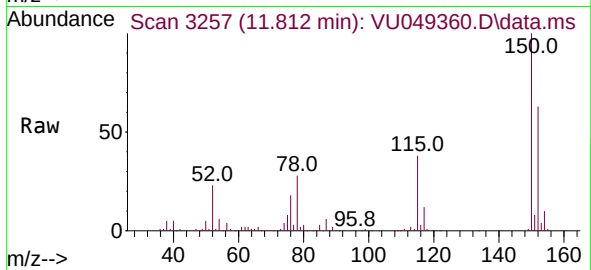
77 39.4 22.6 42.0





#60  
 1,2,3-Trichloropropane  
 Concen: 5.213 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU049360.D  
 Acq: 22 Jun 2022 18:30

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12721 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.5  | 26.6  | 40.0  |
| 110      | 0.9   | 30.2  | 45.4# |

