

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062222\  
 Data File : VU049349.D  
 Acq On : 22 Jun 2022 14:12  
 Operator : SY/MD  
 Sample : N3392-03 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 23 02:06:15 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

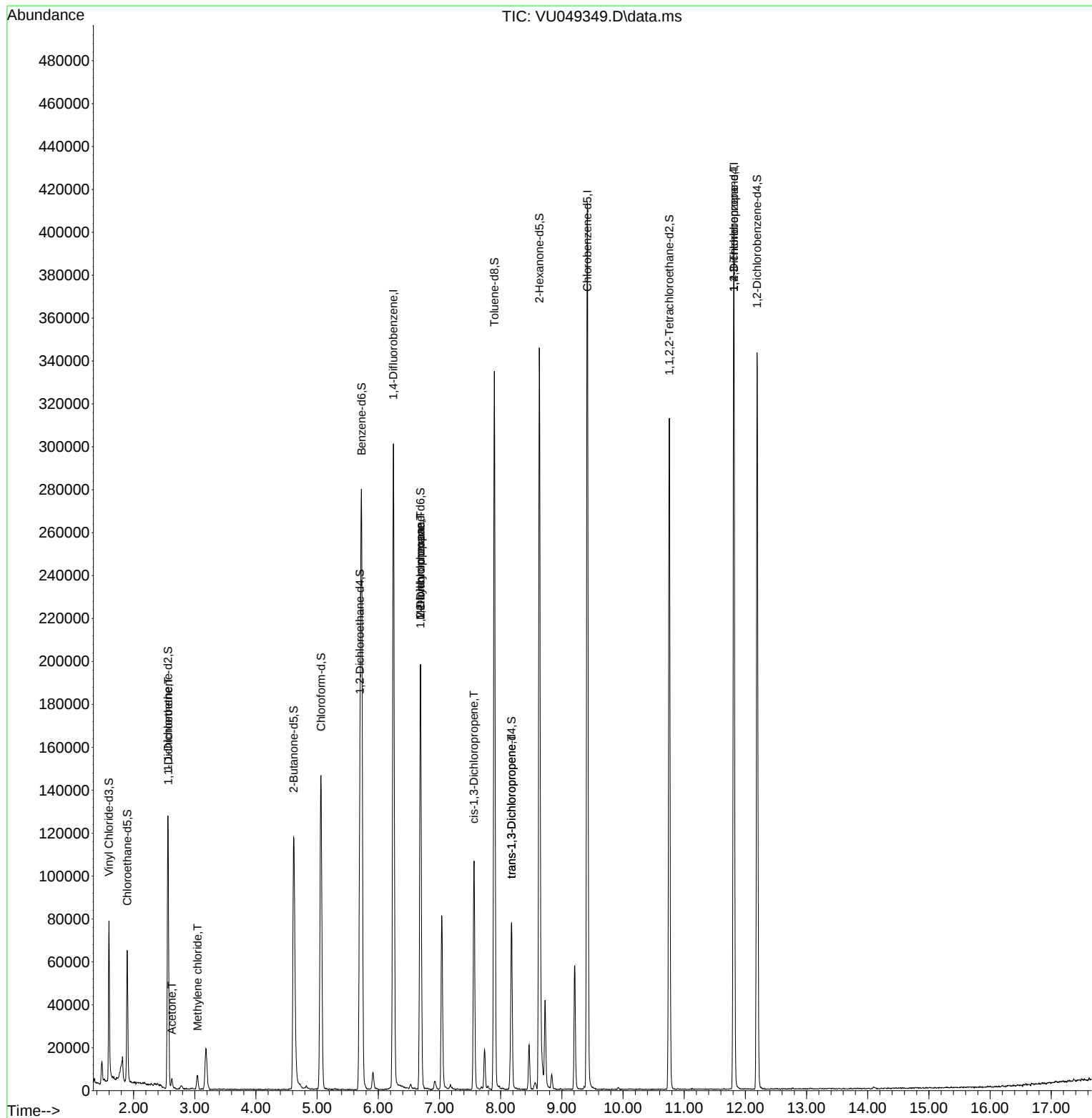
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 235659   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 223271   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 100539   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 51849    | 35.714   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 71.420%  |
| 7) Chloroethane-d5            | 1.896   | 69    | 45119    | 42.328   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.660%  |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63    | 75529    | 27.571   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 55.140%# |
| 21) 2-Butanone-d5             | 4.616   | 46    | 173131   | 108.771  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 108.770% |
| 24) Chloroform-d              | 5.063   | 84    | 135074   | 43.614   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.220%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 91898    | 45.801   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.600%  |
| 32) Benzene-d6                | 5.726   | 84    | 246905   | 44.597   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 93750    | 50.371   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 100.740% |
| 41) Toluene-d8                | 7.896   | 98    | 214381   | 43.907   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.820%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 41754    | 47.686   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 95.380%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 113977   | 117.008  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 117.010% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84    | 156420   | 50.319   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 100.640% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 85998    | 49.161   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.320%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.565   | 96    | 584      | 0.402    | ug/L # | 1        |
| 13) Acetone                   | 2.626   | 43    | 5627     | 4.493    | ug/L   | 91       |
| 16) Methylene chloride        | 3.044   | 84    | 3163     | 1.671    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.690   | 83    | 20900    | 8.212    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.687   | 63    | 10037    | 4.921    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.562   | 75    | 2534     | 0.844    | ug/L # | 64       |
| 44) trans-1,3-Dichloropropene | 8.179   | 75    | 1965     | 0.661    | ug/L   | 89       |
| 60) 1,2,3-Trichloropropane    | 11.812  | 75    | 13073    | 5.126    | ug/L # | 66       |
| -----                         |         |       |          |          |        |          |

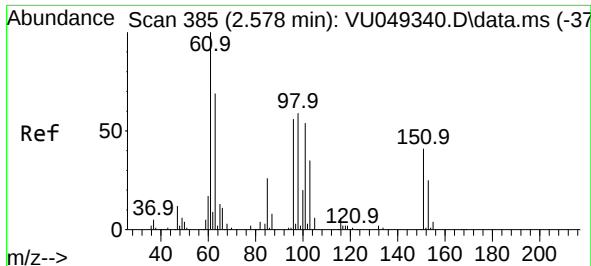
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
ClientSampleId :

Quant Time: Jun 23 02:06:15 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





#12

1,1-Dichloroethene

Concen: 0.402 ug/L

RT: 2.565 min Scan# 385

Delta R.T. -0.013 min

Lab File: VU049349.D

Acq: 22 Jun 2022 14:12

Instrument :

MSVOA\_U

ClientSampleId :

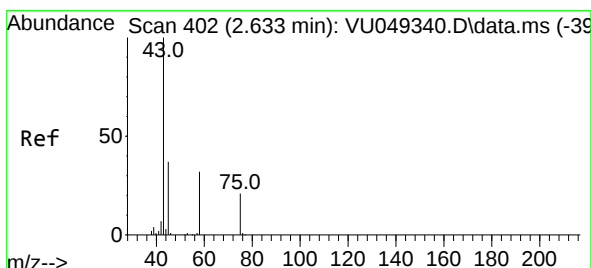
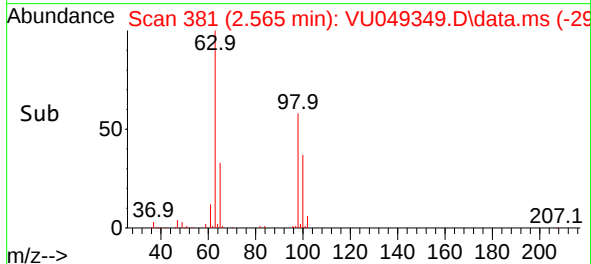
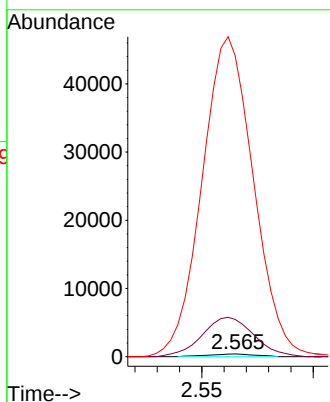
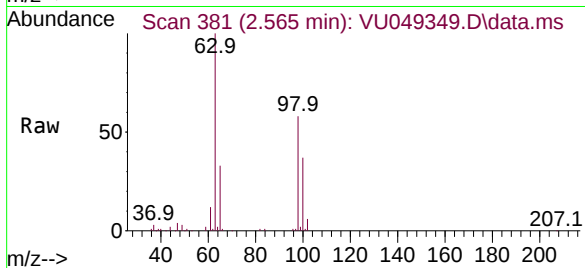
Tgt Ion: 96 Resp: 584

Ion Ratio Lower Upper

96 100

61 1346.8 123.5 229.3#

63 10870.9 86.0 159.8#



#13

Acetone

Concen: 4.493 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.006 min

Lab File: VU049349.D

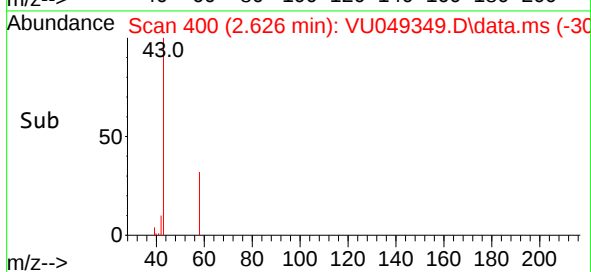
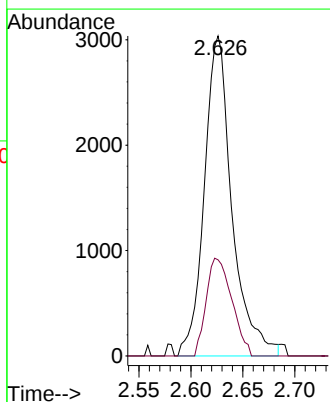
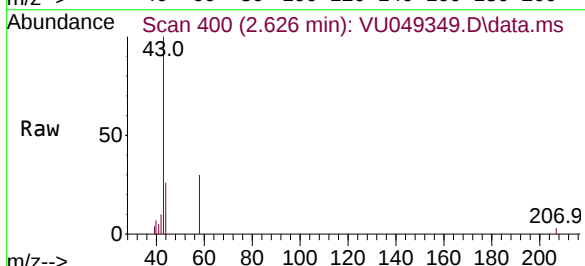
Acq: 22 Jun 2022 14:12

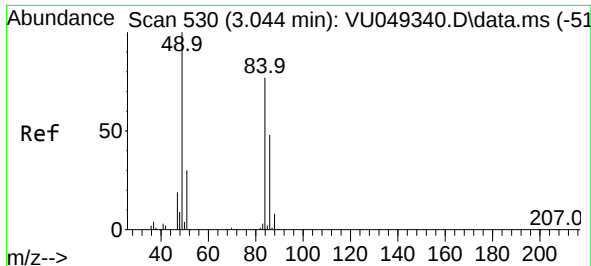
Tgt Ion: 43 Resp: 5627

Ion Ratio Lower Upper

43 100

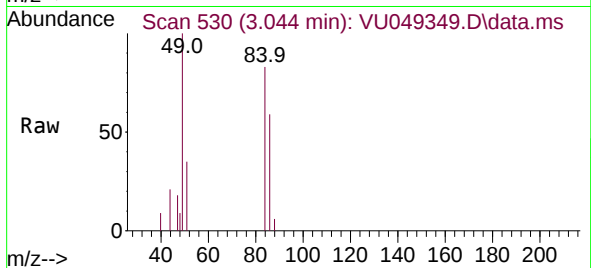
58 28.2 0.0 66.4



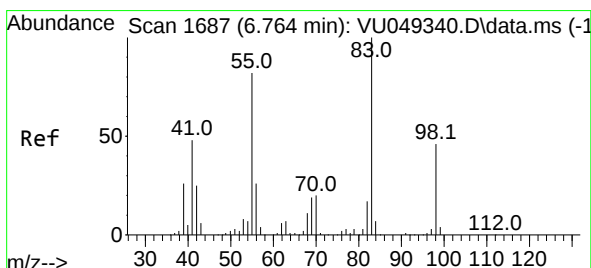
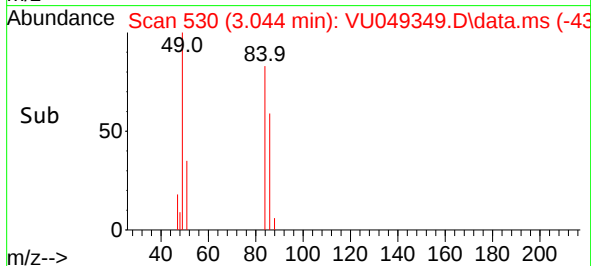
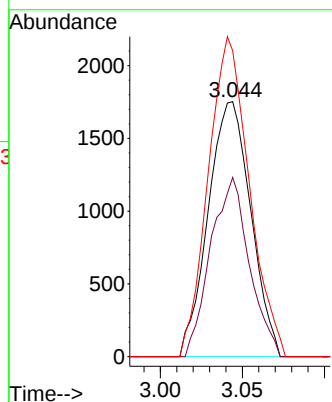


#16  
Methylene chloride  
Concen: 1.671 ug/L  
RT: 3.044 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU049349.D  
Acq: 22 Jun 2022 14:12

Instrument :  
MSVOA\_U  
ClientSampleId :

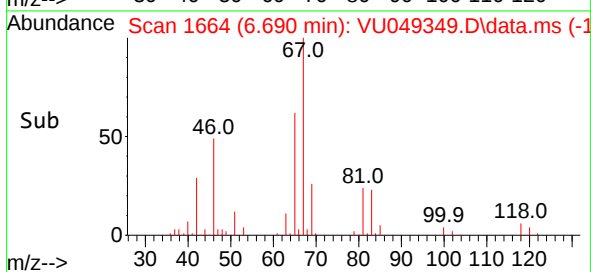
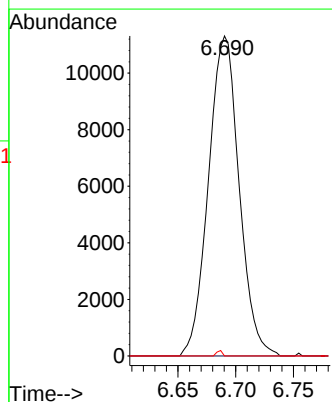
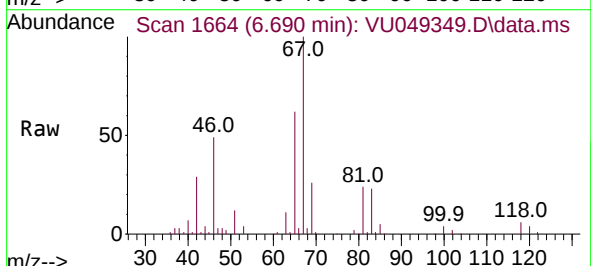


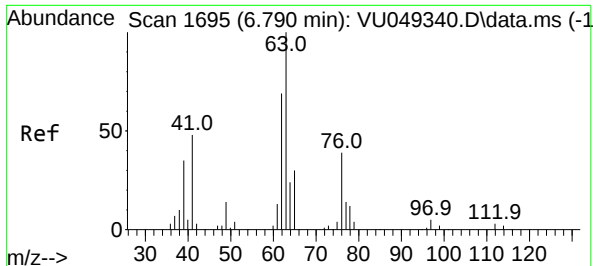
Tgt Ion: 84 Resp: 3163  
Ion Ratio Lower Upper  
84 100  
86 70.2 45.8 85.0  
49 119.9 83.4 155.0



#35  
Methylcyclohexane  
Concen: 8.212 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.074 min  
Lab File: VU049349.D  
Acq: 22 Jun 2022 14:12

Tgt Ion: 83 Resp: 20900  
Ion Ratio Lower Upper  
83 100  
55 0.3 61.0 91.6#  
98 0.3 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 4.921 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049349.D

Acq: 22 Jun 2022 14:12

Instrument :

MSVOA\_U

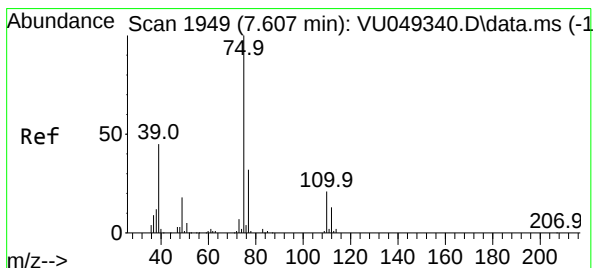
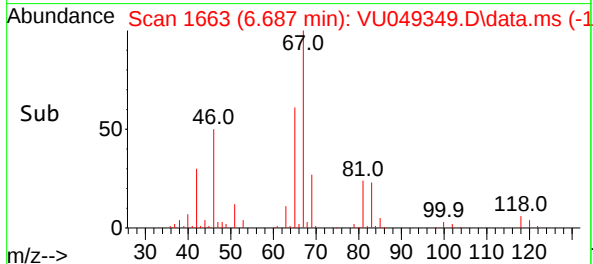
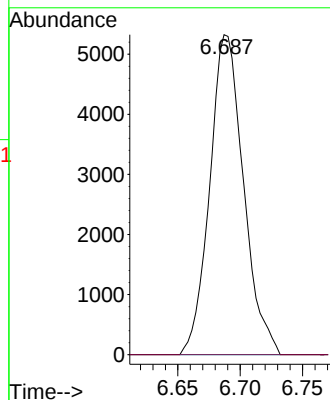
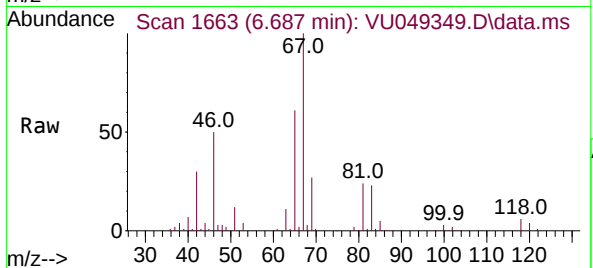
ClientSampleId :

Tgt Ion: 63 Resp: 10037

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.844 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU049349.D

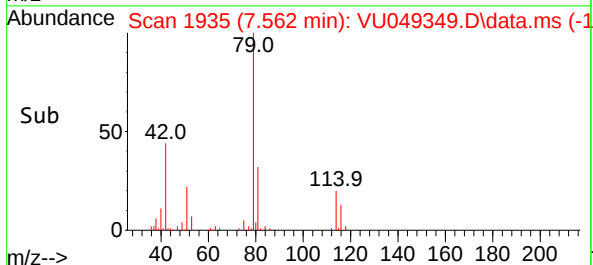
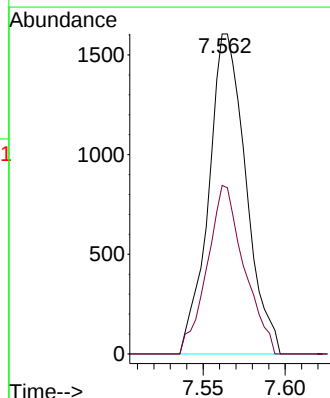
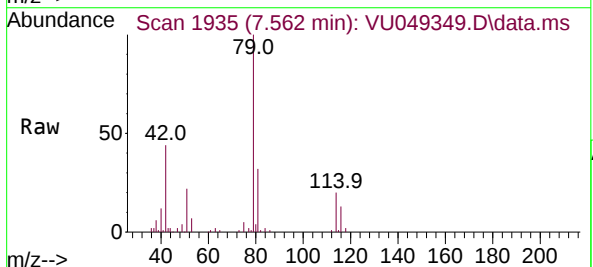
Acq: 22 Jun 2022 14:12

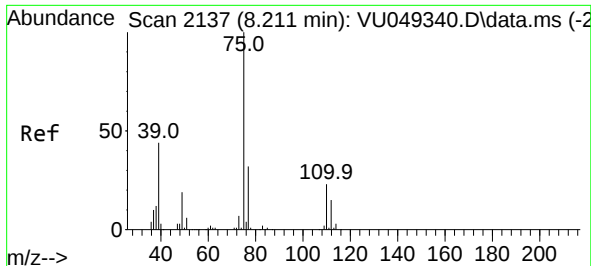
Tgt Ion: 75 Resp: 2534

Ion Ratio Lower Upper

75 100

77 52.6 22.6 42.0#

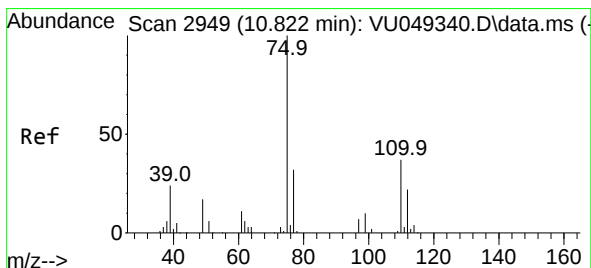
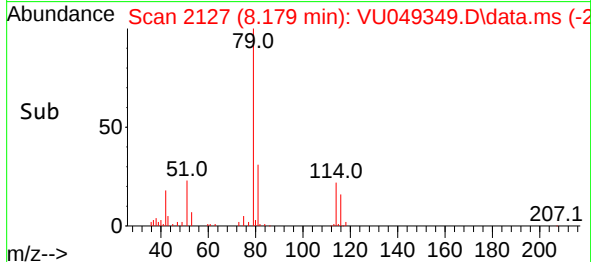
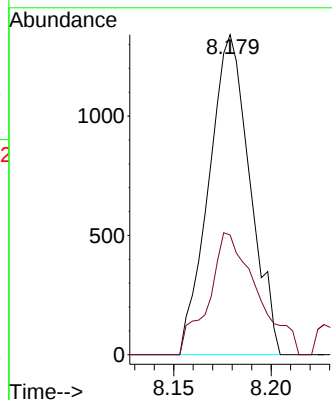
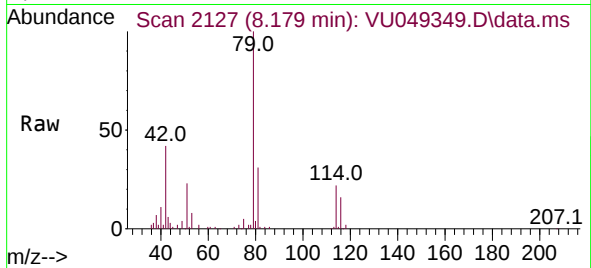




#44  
trans-1,3-Dichloropropene  
Concen: 0.661 ug/L  
RT: 8.179 min Scan# 2137  
Delta R.T. -0.032 min  
Lab File: VU049349.D  
Acq: 22 Jun 2022 14:12

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 75 Resp: 1965  
Ion Ratio Lower Upper  
75 100  
77 37.4 21.9 40.7



#60  
1,2,3-Trichloropropane  
Concen: 5.126 ug/L  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.990 min  
Lab File: VU049349.D  
Acq: 22 Jun 2022 14:12

Tgt Ion: 75 Resp: 13073  
Ion Ratio Lower Upper  
75 100  
77 30.7 26.6 40.0  
110 1.3 30.2 45.4#

