

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081122\  
 Data File : VX030571.D  
 Acq On : 11 Aug 2022 14:19  
 Operator : JC/MD  
 Sample : N4076-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DBUU0

Quant Time: Aug 12 04:19:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 12 04:17:17 2022  
 Response via : Initial Calibration

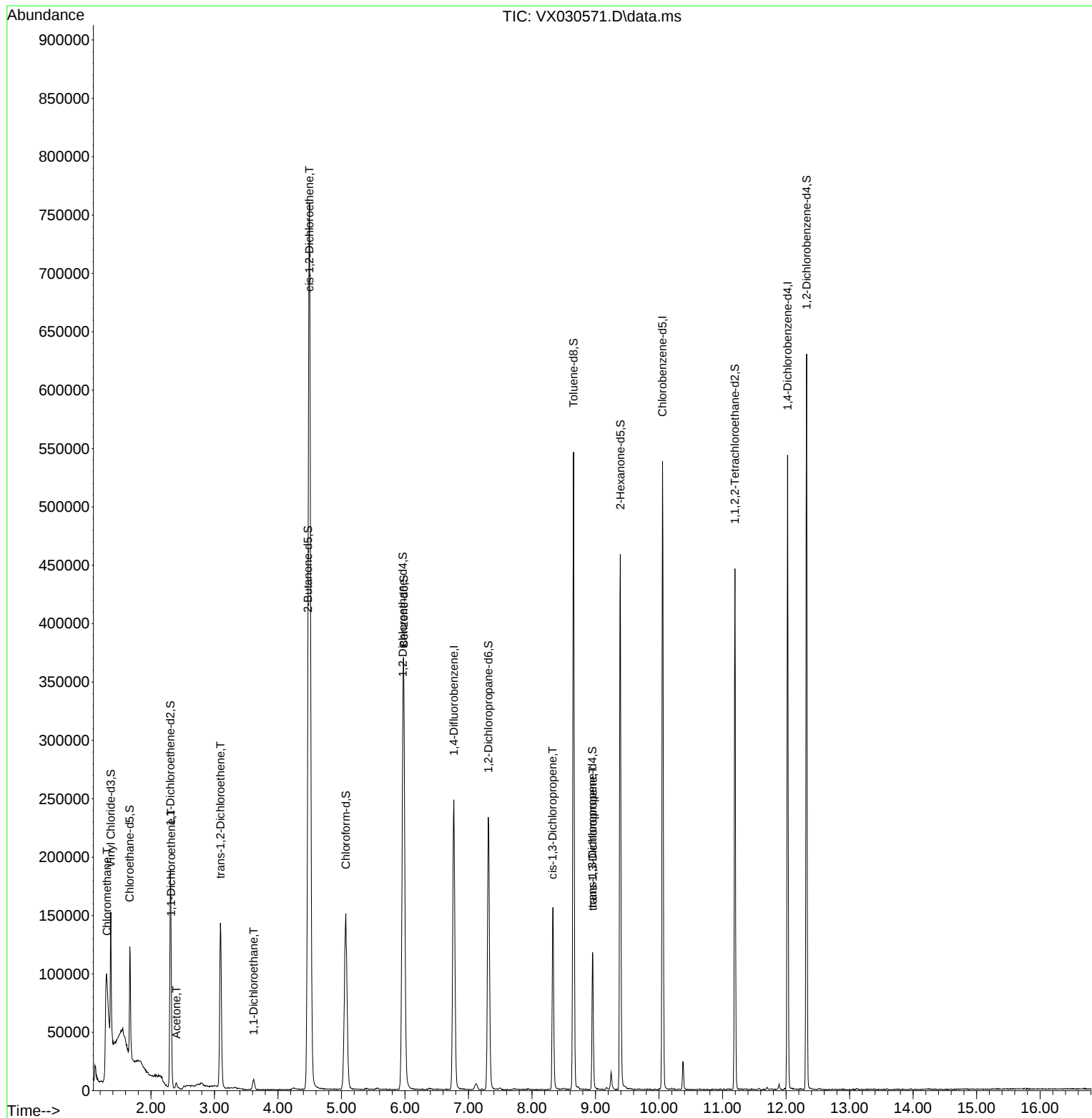
| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.769          | 114  | 234946               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 223796               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 97511                | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 68944                | 45.695  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 91.400%   |         |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 58735                | 55.222  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 110.440%  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 63   | 103984               | 36.434  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 72.860%   |         |        |          |
| 21) 2-Butanone-d5             | 4.471          | 46   | 188510               | 134.846 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 134.850%# |         |        |          |
| 24) Chloroform-d              | 5.068          | 84   | 177211               | 57.057  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 114.120%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.964          | 65   | 131903               | 62.546  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 125.100%# |         |        |          |
| 32) Benzene-d6                | 5.983          | 84   | 332948               | 51.937  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 103.880%  |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.312          | 67   | 116425               | 55.977  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 111.960%  |         |        |          |
| 41) Toluene-d8                | 8.653          | 98   | 291559               | 48.250  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 96.500%   |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 53273                | 51.487  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 102.980%  |         |        |          |
| 47) 2-Hexanone-d5             | 9.391          | 63   | 124818               | 117.736 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 117.740%  |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 166188               | 60.824  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 121.640%# |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 109461               | 57.875  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 115.760%  |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         |        | Qvalue   |
| 3) Chloromethane              | 1.307          | 50   | 4062                 | 2.672   | ug/L # | 41       |
| 12) 1,1-Dichloroethene        | 2.319          | 96   | 4464                 | 3.395   | ug/L # | 1        |
| 13) Acetone                   | 2.398          | 43   | 3861                 | 3.768   | ug/L   | 84       |
| 17) trans-1,2-Dichloroethene  | 3.093          | 96   | 53454                | 35.087  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.617          | 63   | 9526                 | 3.233   | ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 4.495          | 96   | 406614               | 237.263 | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 8.324          | 75   | 3667                 | 1.288   | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 8.958          | 75   | 2856                 | 1.025   | ug/L # | 71       |
| -----                         |                |      |                      |         |        |          |

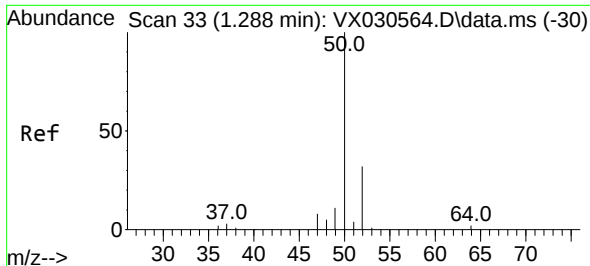
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :  
DBUU0

Quant Time: Aug 12 04:19:14 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 12 04:17:17 2022  
Response via : Initial Calibration

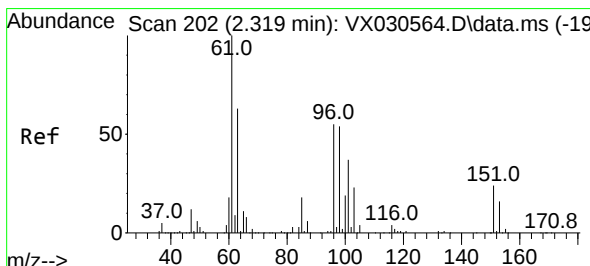
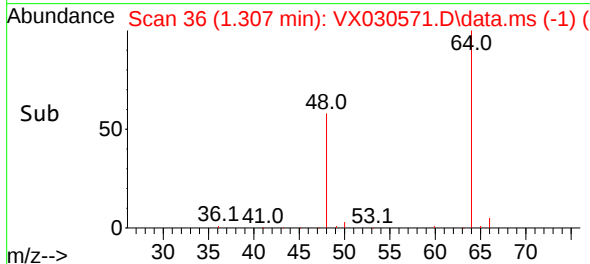
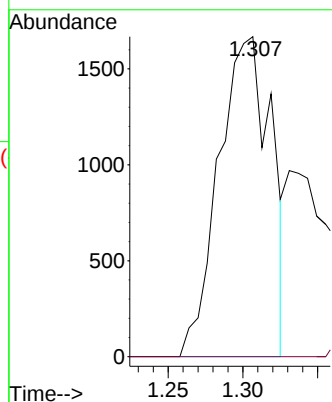
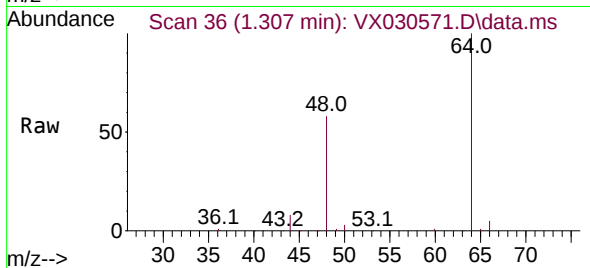




#3  
Chloromethane  
Concen: 2.672 ug/L  
RT: 1.307 min Scan# 30  
Delta R.T. 0.018 min  
Lab File: VX030571.D  
Acq: 11 Aug 2022 14:19

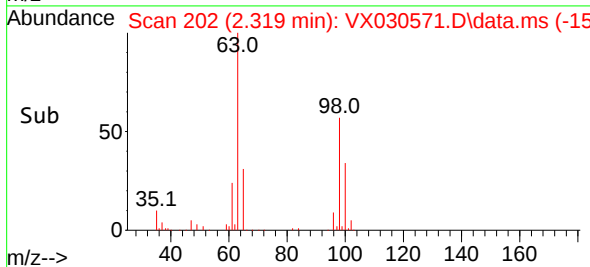
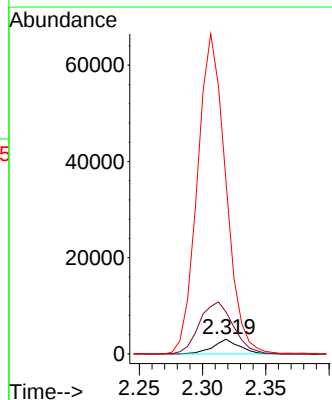
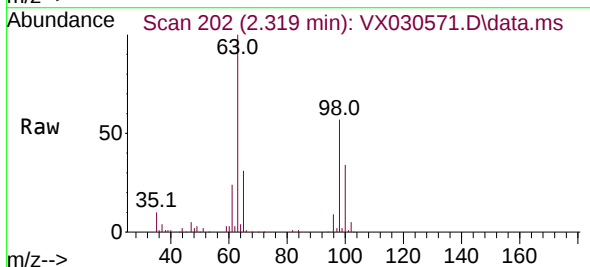
Instrument :  
MSVOA\_X  
ClientSampleId :  
DBUU0

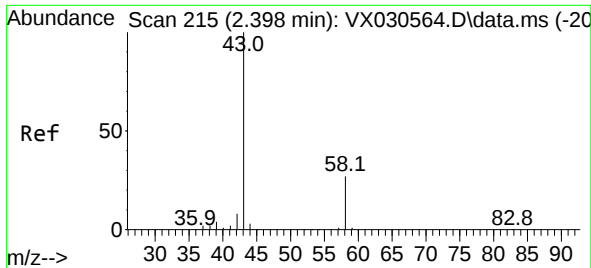
Tgt Ion: 50 Resp: 4062  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.3 43.3#



#12  
1,1-Dichloroethene  
Concen: 3.395 ug/L  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX030571.D  
Acq: 11 Aug 2022 14:19

Tgt Ion: 96 Resp: 4464  
Ion Ratio Lower Upper  
96 100  
61 283.4 130.2 241.8#  
63 1161.0 113.5 210.9#

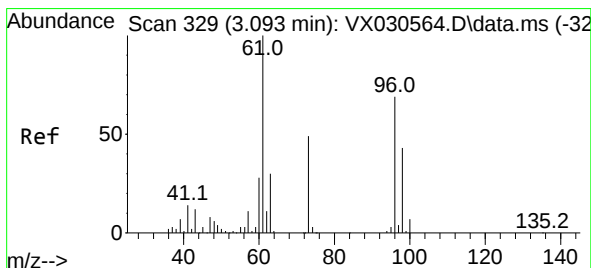
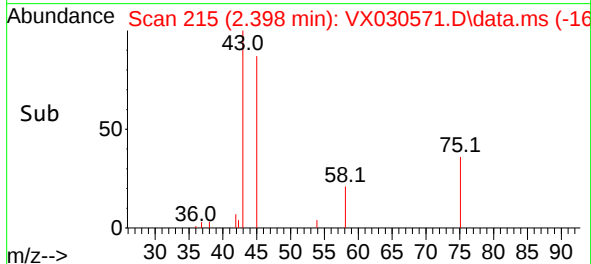
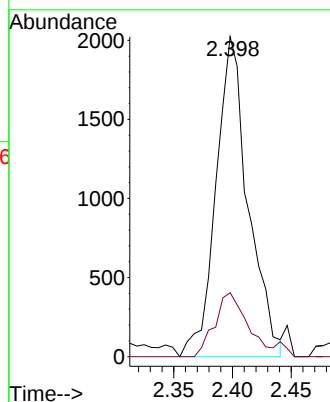
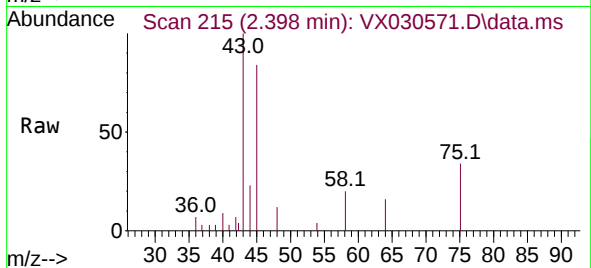




#13  
Acetone  
Concen: 3.768 ug/L  
RT: 2.398 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: VX030571.D  
Acq: 11 Aug 2022 14:19

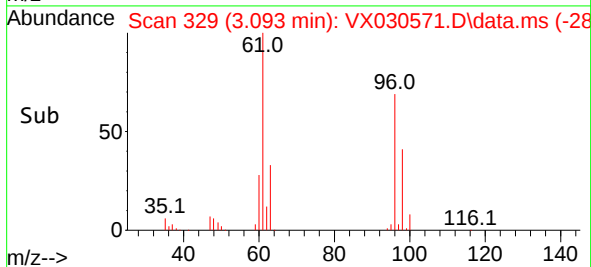
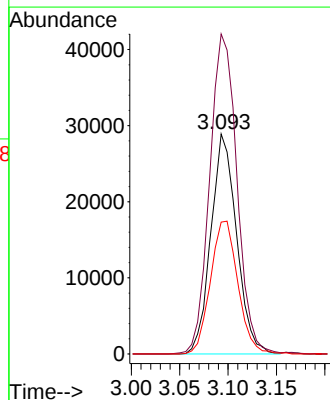
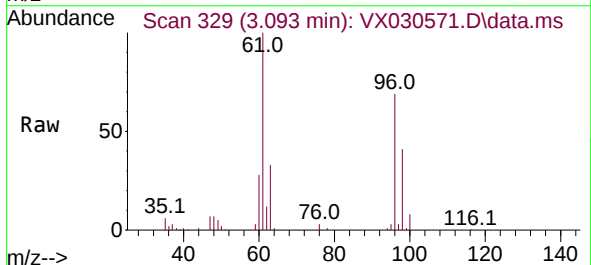
Instrument :  
MSVOA\_X  
ClientSampleId :  
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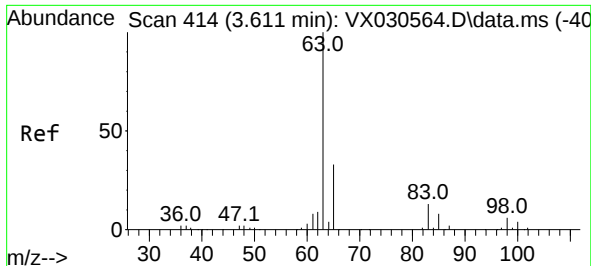
Tgt Ion: 43 Resp: 3861  
Ion Ratio Lower Upper  
43 100  
58 20.3 0.0 57.8



#17  
trans-1,2-Dichloroethene  
Concen: 35.087 ug/L  
RT: 3.093 min Scan# 329  
Delta R.T. 0.000 min  
Lab File: VX030571.D  
Acq: 11 Aug 2022 14:19

Tgt Ion: 96 Resp: 53454  
Ion Ratio Lower Upper  
96 100  
61 145.4 103.7 192.5  
98 59.9 41.5 77.1

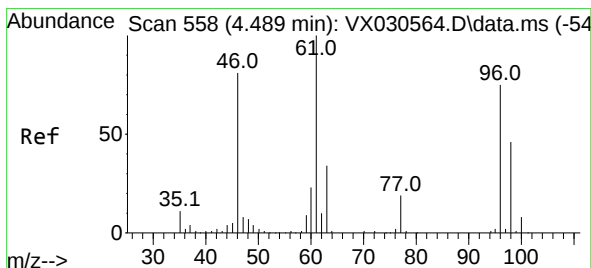
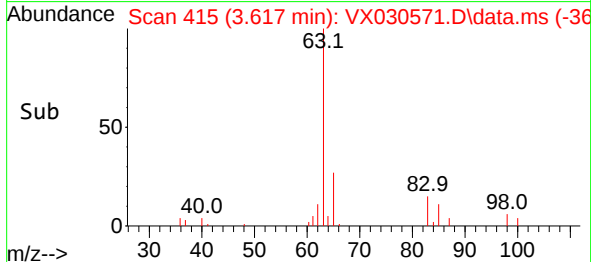
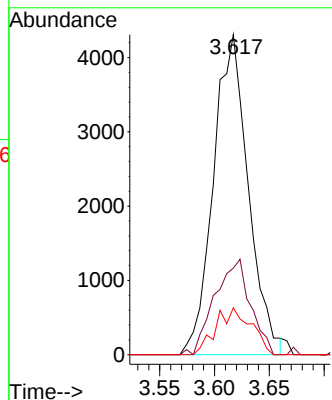
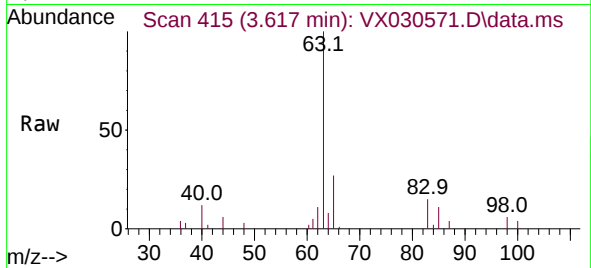




#19  
1,1-Dichloroethane  
Concen: 3.233 ug/L  
RT: 3.617 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VX030571.D  
Acq: 11 Aug 2022 14:19

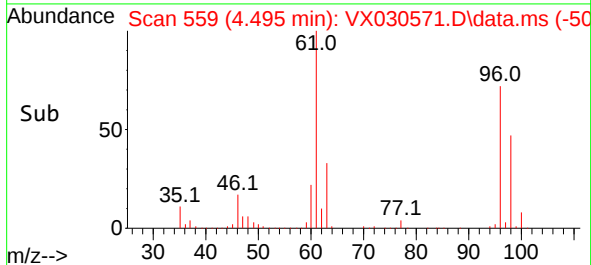
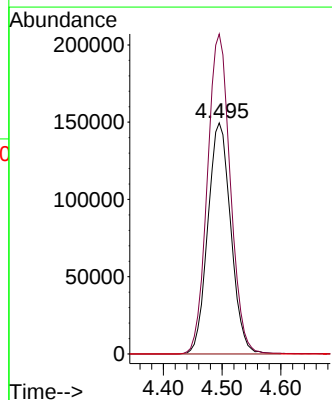
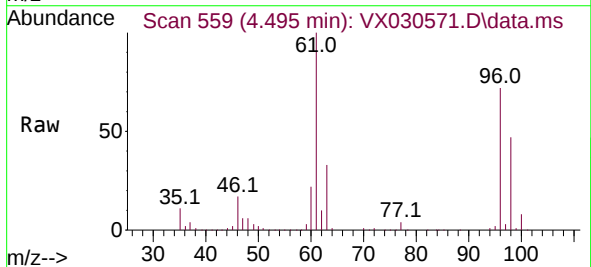
Instrument :  
MSVOA\_X  
ClientSampleId :  
DBUU0

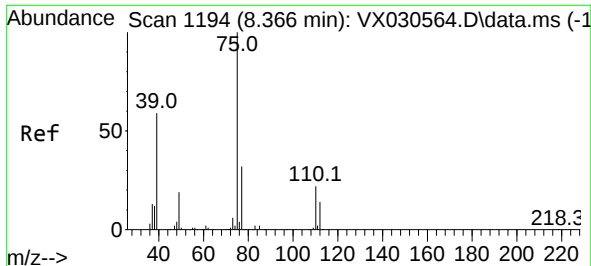
Tgt Ion: 63 Resp: 9526  
Ion Ratio Lower Upper  
63 100  
65 27.0 22.0 40.8  
83 14.7 9.9 18.3



#20  
cis-1,2-Dichloroethene  
Concen: 237.263 ug/L  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX030571.D  
Acq: 11 Aug 2022 14:19

Tgt Ion: 96 Resp: 406614  
Ion Ratio Lower Upper  
96 100  
61 138.5 94.0 174.6  
68 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 1.288 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX030571.D

Acq: 11 Aug 2022 14:19

Instrument :

MSVOA\_X

ClientSampleId :

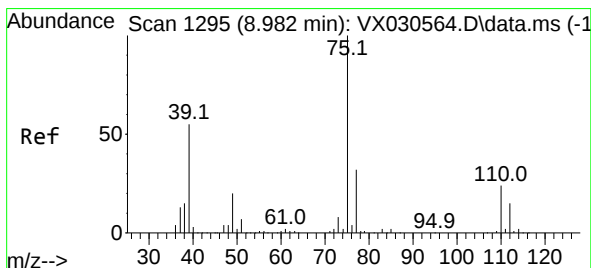
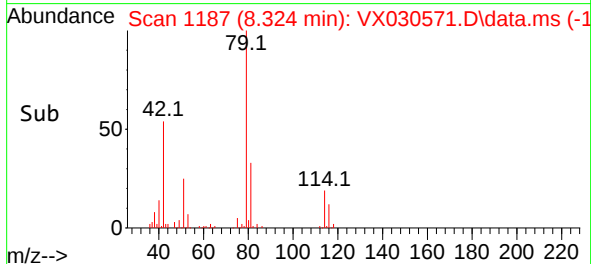
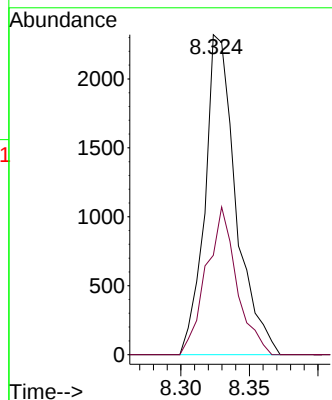
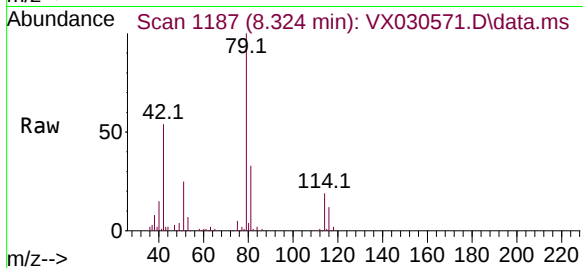
DBUU0

Tgt Ion: 75 Resp: 3667

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 1.025 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX030571.D

Acq: 11 Aug 2022 14:19

Tgt Ion: 75 Resp: 2856

Ion Ratio Lower Upper

75 100

77 48.0 22.5 41.7#

