

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061622\  
 Data File : VW026343.D  
 Acq On : 16 Jun 2022 19:17  
 Operator : SY/MD  
 Sample : N3320-05 5X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGJ79

Quant Time: Jun 17 05:24:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 17 05:16:46 2022  
 Response via : Initial Calibration

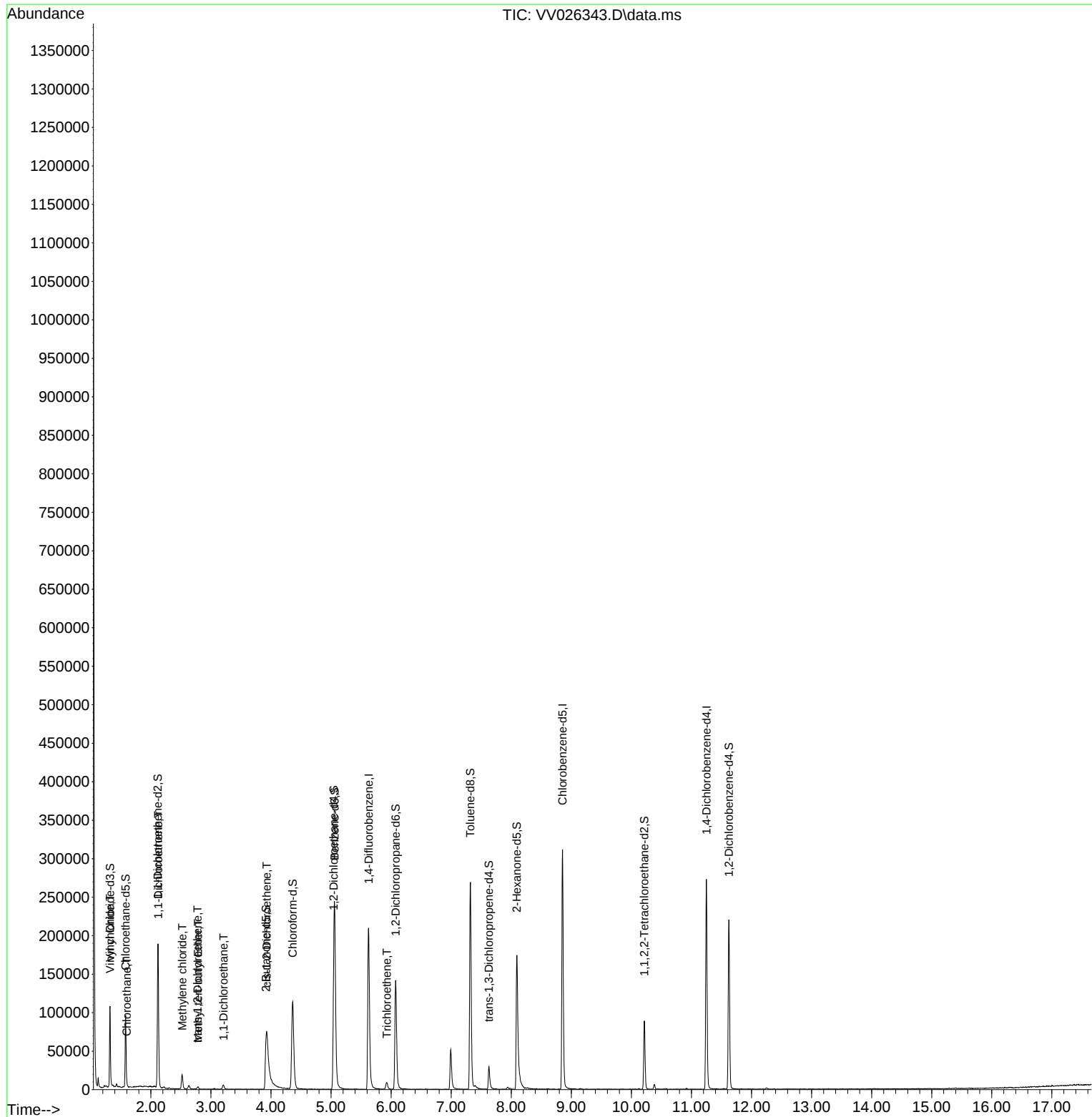
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.625  | 114            | 192774   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 182025   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 73893    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.320  | 65             | 67931    | 4.057  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 81.200%  |          |
| 7) Chloroethane-d5            | 1.581  | 69             | 59035    | 4.484  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.118  | 63             | 98325    | 3.420  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 68.400%  |          |
| 20) 2-Butanone-d5             | 3.918  | 46             | 90220    | 55.221 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 110.440% |          |
| 24) Chloroform-d              | 4.362  | 84             | 121122   | 4.935  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65             | 50584    | 4.872  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 97.400%  |          |
| 32) Benzene-d6                | 5.060  | 84             | 234857   | 4.826  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67             | 71605    | 5.042  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 100.800% |          |
| 41) Toluene-d8                | 7.320  | 98             | 187067   | 4.216  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79             | 18395    | 3.994  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.800%  |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 62131    | 44.659 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 89.320%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 44111    | 5.042  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 60046    | 5.276  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.600% |          |
| Target Compounds              |        |                |          |        |          |          |
| 5) Vinyl chloride             | 1.323  | 62             | 4236     | 0.255  | ug/L #   | 75       |
| 8) Chloroethane               | 1.600  | 64             | 1693     | 0.164  | ug/L     | 87       |
| 12) 1,1-Dichloroethene        | 2.124  | 96             | 1819     | 0.149  | ug/L #   | 1        |
| 16) Methylene chloride        | 2.523  | 84             | 8016     | 0.516  | ug/L     | 97       |
| 17) Methyl tert-butyl Ether   | 2.786  | 73             | 1055     | 0.050  | ug/L #   | 87       |
| 18) trans-1,2-Dichloroethene  | 2.777  | 96             | 900      | 0.076  | ug/L     | 79       |
| 19) 1,1-Dichloroethane        | 3.211  | 63             | 6145     | 0.273  | ug/L     | 99       |
| 22) cis-1,2-Dichloroethene    | 3.931  | 96             | 14362    | 1.202  | ug/L     | 91       |
| 34) Trichloroethene           | 5.931  | 95             | 2582     | 0.203  | ug/L     | 94       |

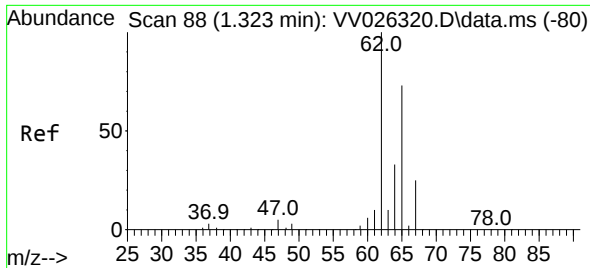
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 17 05:16:46 2022  
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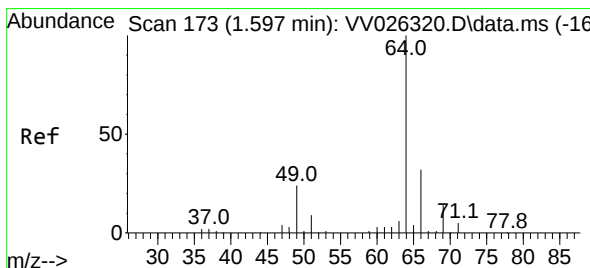
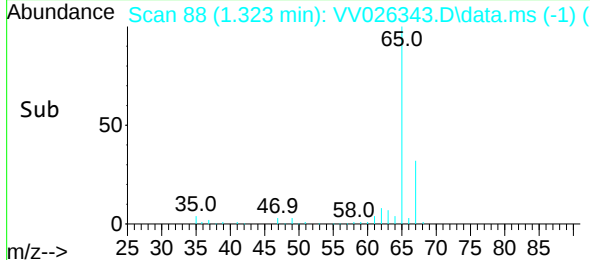
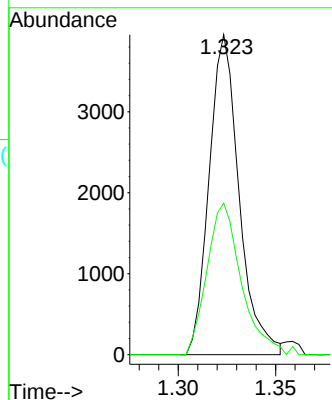
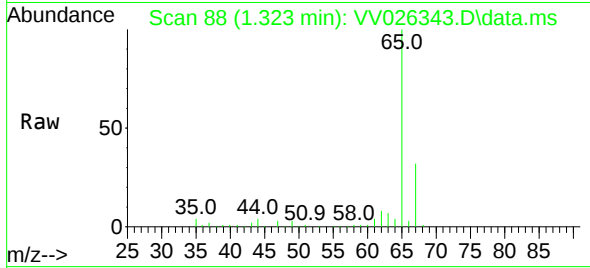




#5  
 Vinyl chloride  
 Concen: 0.255 ug/L  
 RT: 1.323 min Scan# 88  
 Delta R.T. 0.000 min  
 Lab File: VV026343.D  
 Acq: 16 Jun 2022 19:17

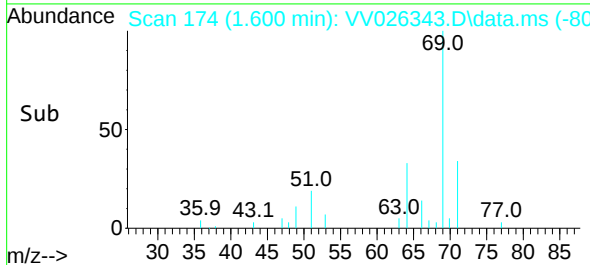
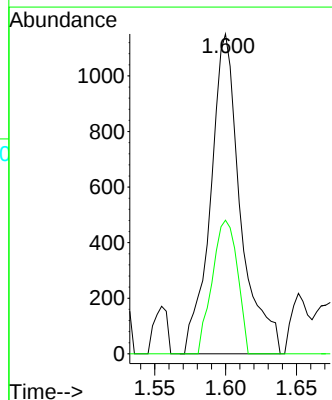
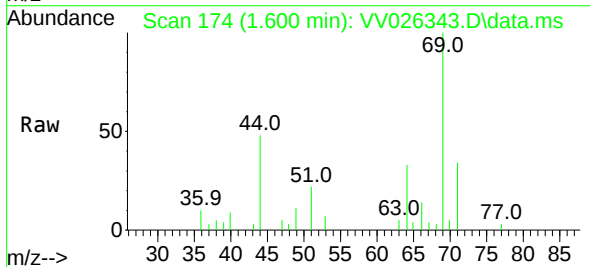
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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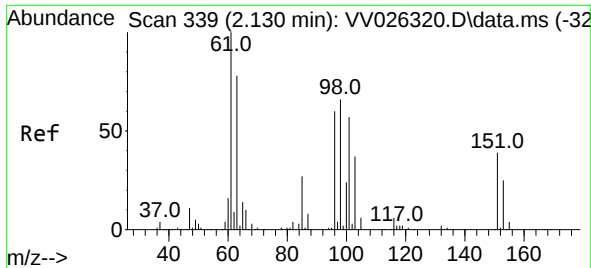
Tgt Ion: 62 Resp: 4236  
 Ion Ratio Lower Upper  
 62 100  
 64 47.4 23.2 43.2#



#8  
 Chloroethane  
 Concen: 0.164 ug/L  
 RT: 1.600 min Scan# 174  
 Delta R.T. 0.003 min  
 Lab File: VV026343.D  
 Acq: 16 Jun 2022 19:17

Tgt Ion: 64 Resp: 1693  
 Ion Ratio Lower Upper  
 64 100  
 66 41.8 24.1 44.7

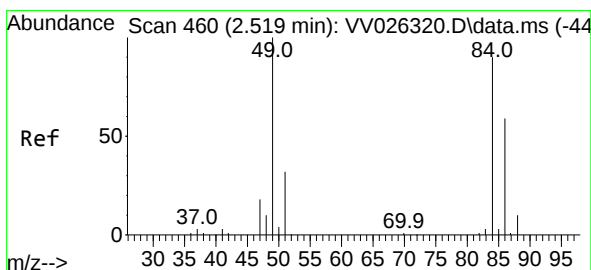
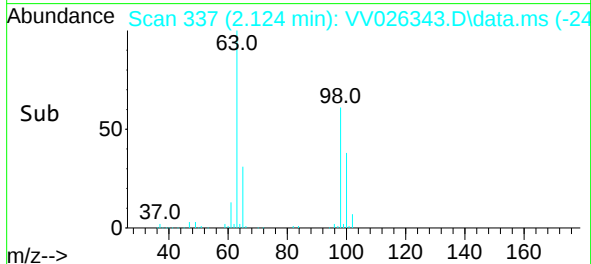
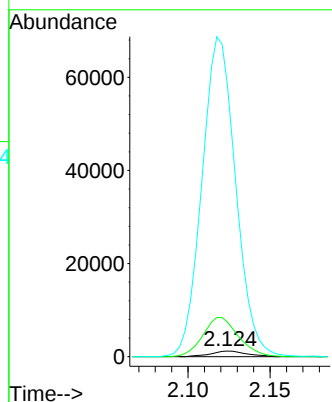
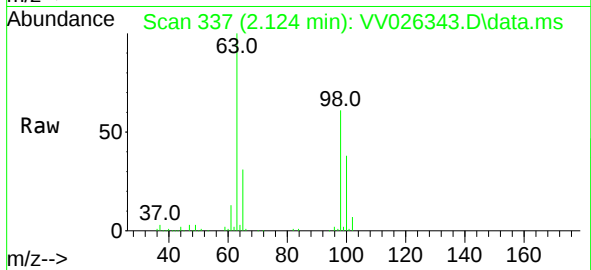




#12  
1,1-Dichloroethene  
Concen: 0.149 ug/L  
RT: 2.124 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VV026343.D  
Acq: 16 Jun 2022 19:17

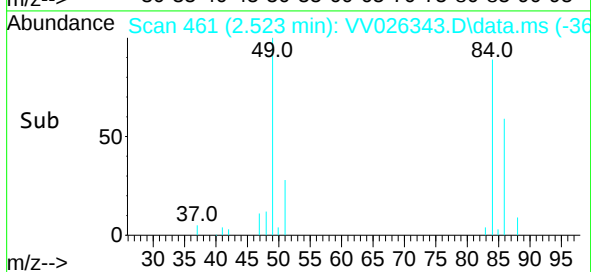
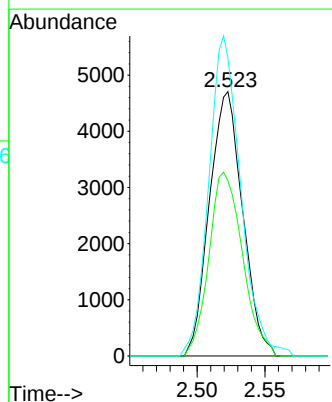
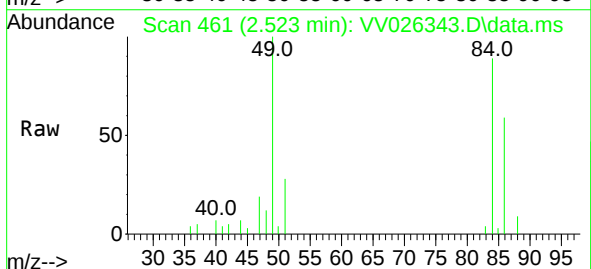
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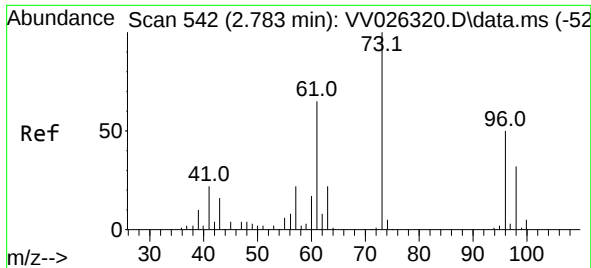
Tgt Ion: 96 Resp: 1819  
Ion Ratio Lower Upper  
96 100  
61 611.5 117.1 217.5#  
63 4798.0 92.8 172.4#



#16  
Methylene chloride  
Concen: 0.516 ug/L  
RT: 2.523 min Scan# 461  
Delta R.T. 0.003 min  
Lab File: VV026343.D  
Acq: 16 Jun 2022 19:17

Tgt Ion: 84 Resp: 8016  
Ion Ratio Lower Upper  
84 100  
86 66.4 44.0 81.8  
49 112.9 77.3 143.7

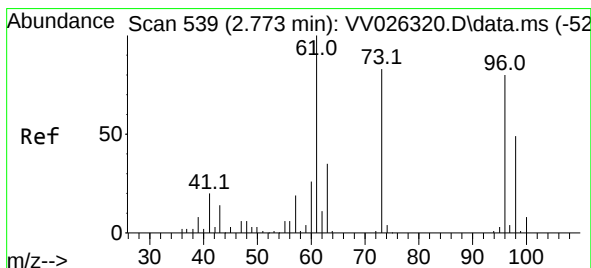
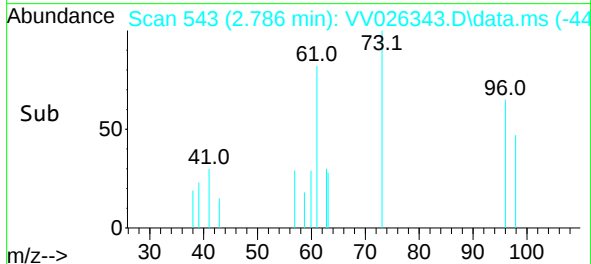
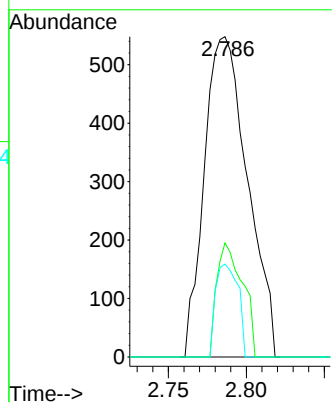
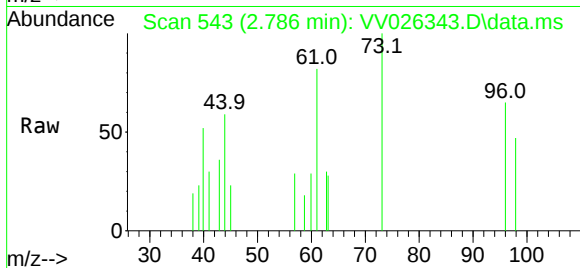




#17  
Methyl tert-butyl Ether  
Concen: 0.050 ug/L  
RT: 2.786 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VV026343.D  
Acq: 16 Jun 2022 19:17

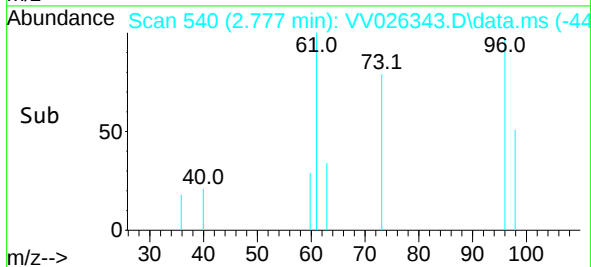
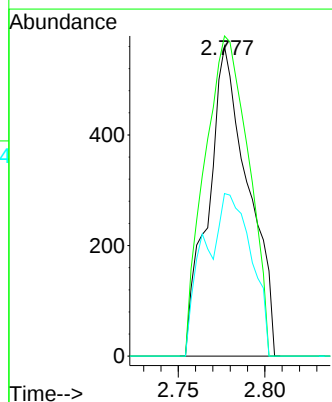
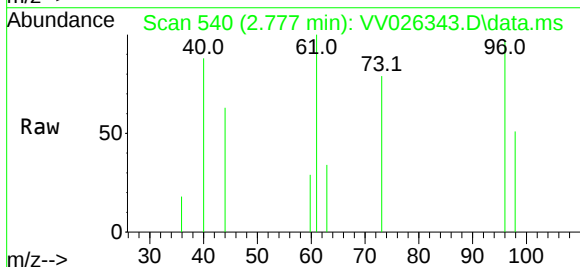
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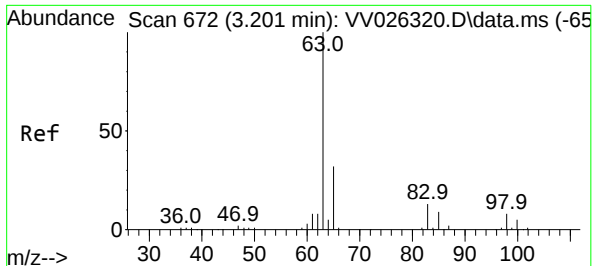
Tgt Ion: 73 Resp: 1055  
Ion Ratio Lower Upper  
73 100  
43 21.2 13.0 19.6#  
57 15.0 17.6 26.4#



#18  
trans-1,2-Dichloroethene  
Concen: 0.076 ug/L  
RT: 2.777 min Scan# 540  
Delta R.T. 0.003 min  
Lab File: VV026343.D  
Acq: 16 Jun 2022 19:17

Tgt Ion: 96 Resp: 900  
Ion Ratio Lower Upper  
96 100  
61 103.4 91.3 169.6  
98 52.5 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.273 ug/L

RT: 3.211 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV026343.D

Acq: 16 Jun 2022 19:17

Instrument :

MSVOA\_V

ClientSampleId :

BGJ79

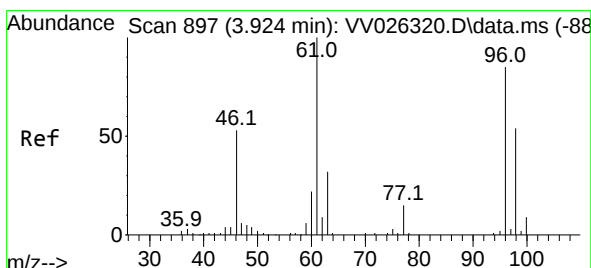
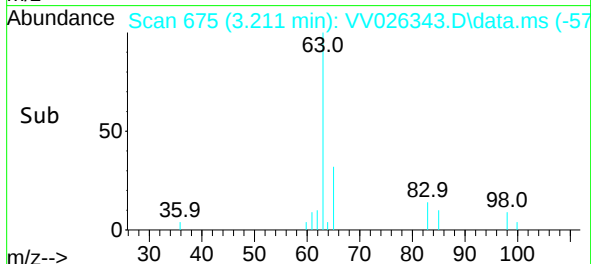
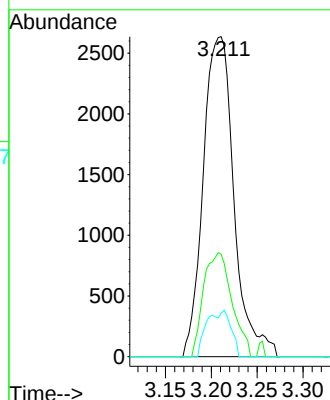
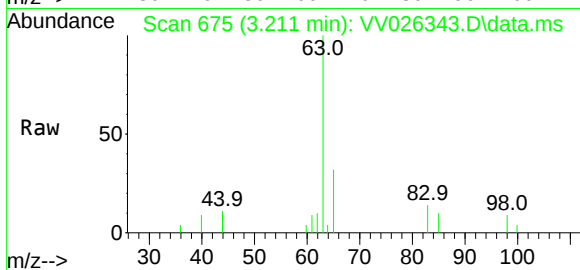
Tgt Ion: 63 Resp: 6145

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 13.6 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 1.202 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.007 min

Lab File: VV026343.D

Acq: 16 Jun 2022 19:17

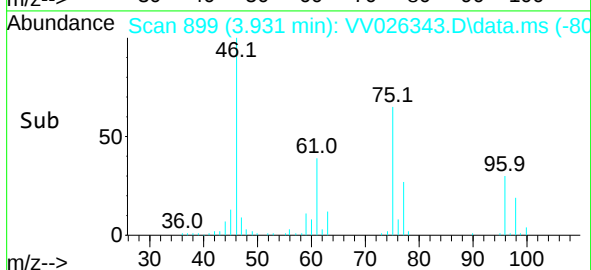
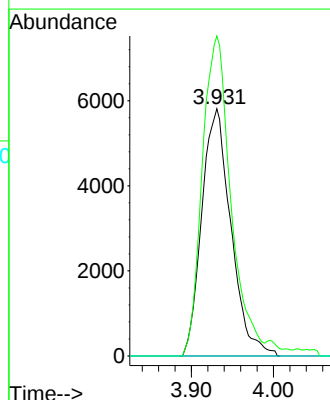
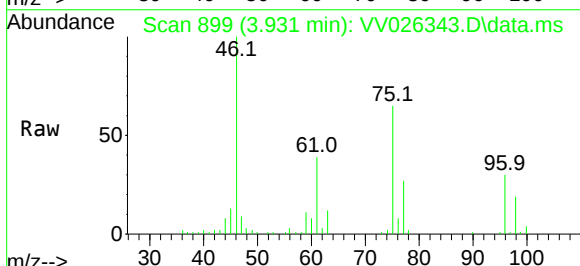
Tgt Ion: 96 Resp: 14362

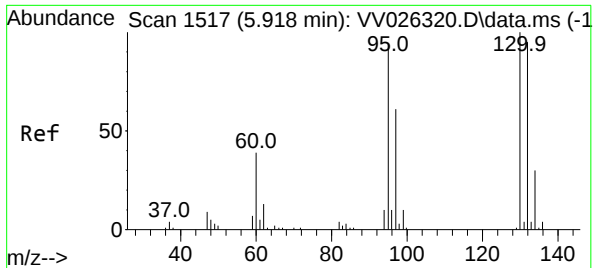
Ion Ratio Lower Upper

96 100

61 129.4 83.6 155.2

68 0.0 0.0 0.0





#34  
 Trichloroethene  
 Concen: 0.203 ug/L  
 RT: 5.931 min Scan# 11  
 Delta R.T. 0.013 min  
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Tgt Ion: 95 Resp: 2582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 54.6  | 46.5  | 86.3  |
| 132 | 92.9  | 68.8  | 127.8 |
| 130 | 105.3 | 73.6  | 136.6 |

