

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV110921\  
 Data File : VV023327.D  
 Acq On : 10 Nov 2021 12:58  
 Operator : SY/MD  
 Sample : M4545-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H4617

Quant Time: Nov 11 00:41:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 11 00:38:57 2021  
 Response via : Initial Calibration

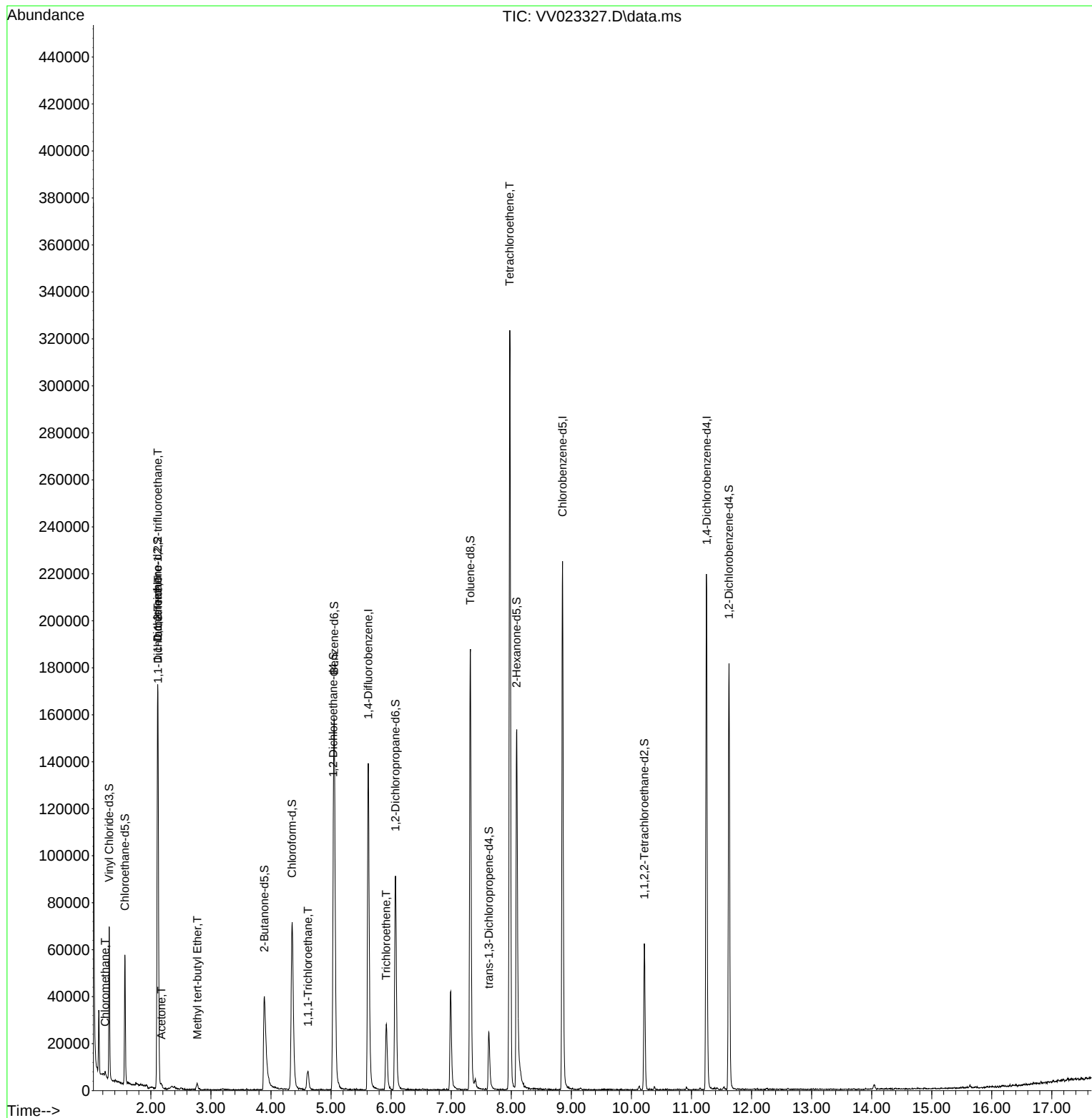
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 124869   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854     | 117            | 125361   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252    | 152            | 58059    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.307     | 65             | 39804    | 5.088      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 101.800% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 31875    | 5.000      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 100.000% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111     | 63             | 70487    | 4.813      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 96.200%  |        |          |
| 20) 2-Butanone-d5             | 3.889     | 46             | 70582    | 52.373     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 104.740% |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 73296    | 4.397      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 88.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037     | 65             | 35071    | 4.678      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 93.600%  |        |          |
| 32) Benzene-d6                | 5.053     | 84             | 147737   | 4.593      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 91.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072     | 67             | 44452    | 4.695      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 93.800%  |        |          |
| 41) Toluene-d8                | 7.320     | 98             | 126495   | 4.197      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 84.000%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.629     | 79             | 15236    | 4.244      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 84.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.088     | 63             | 51771    | 39.192     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 78.380%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 29286    | 4.301      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 86.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625    | 152            | 47473    | 4.911      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 98.200%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            |        | Qvalue   |
| 3) Chloromethane              | 1.240     | 50             | 1138     | 0.110      | ug/L   | 84       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114     | 101            | 1355     | 0.173      | ug/L # | 63       |
| 12) 1,1-Dichloroethene        | 2.121     | 96             | 29058    | 3.902      | ug/L   | 94       |
| 13) Acetone                   | 2.175     | 43             | 2272     | 2.759      | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 2.773     | 73             | 2318     | 0.141      | ug/L # | 90       |
| 29) 1,1,1-Trichloroethane     | 4.616     | 97             | 6669     | 0.438      | ug/L   | 97       |
| 34) Trichloroethene           | 5.918     | 95             | 9116     | 0.978      | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.976     | 164            | 73348    | 9.083      | ug/L   | 98       |
| -----                         |           |                |          |            |        |          |

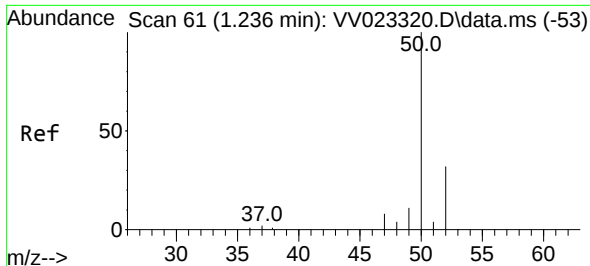
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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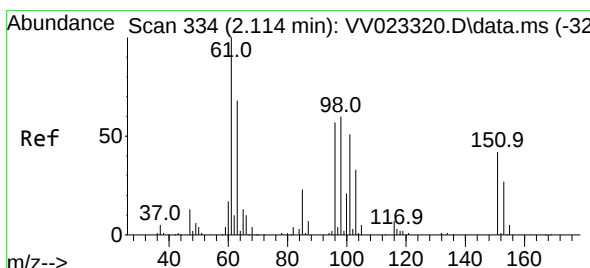
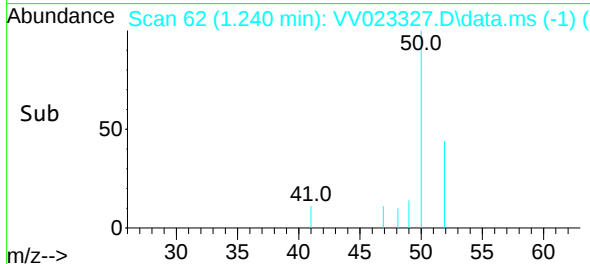
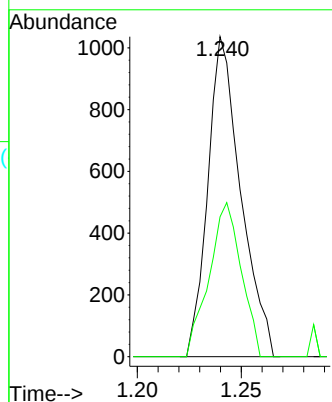
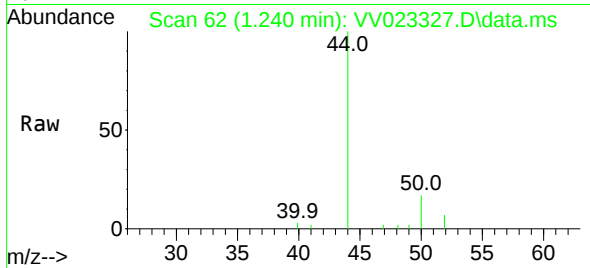




#3  
Chloromethane  
Concen: 0.110 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV023327.D  
Acq: 10 Nov 2021 12:58

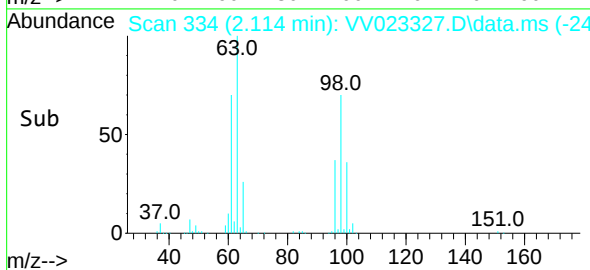
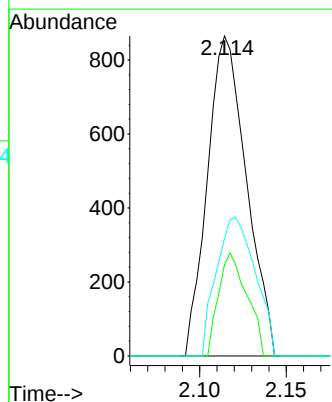
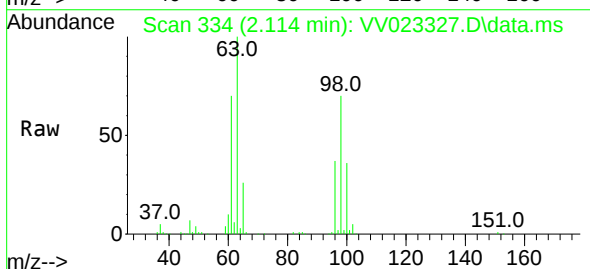
Instrument :  
MSVOA\_V  
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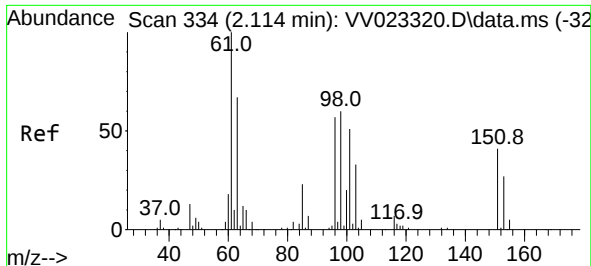
Tgt Ion: 50 Resp: 1138  
Ion Ratio Lower Upper  
50 100  
52 43.7 24.3 45.1



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.173 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VV023327.D  
Acq: 10 Nov 2021 12:58

Tgt Ion: 101 Resp: 1355  
Ion Ratio Lower Upper  
101 100  
85 23.4 35.3 52.9#  
151 43.2 62.2 93.2#





#12

1,1-Dichloroethene

Concen: 3.902 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Instrument :

MSVOA\_V

ClientSampleId :

H4617

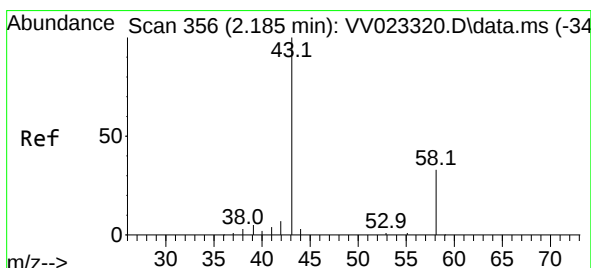
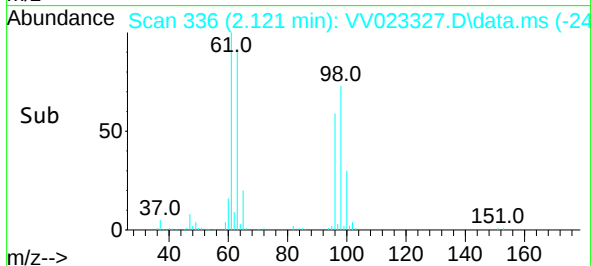
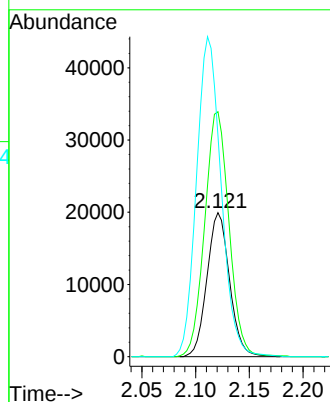
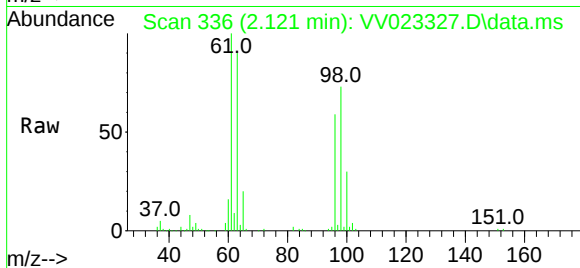
Tgt Ion: 96 Resp: 29058

Ion Ratio Lower Upper

96 100

61 170.1 121.5 225.7

63 153.7 99.6 185.0



#13

Acetone

Concen: 2.759 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.010 min

Lab File: VV023327.D

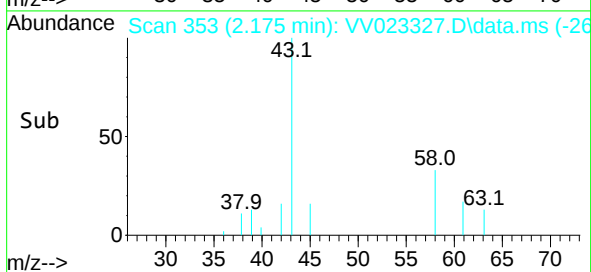
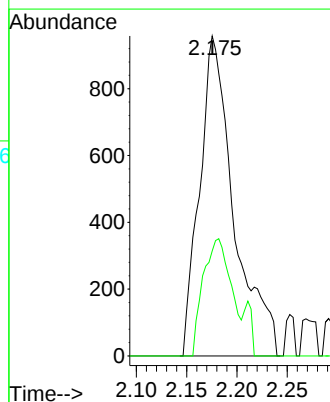
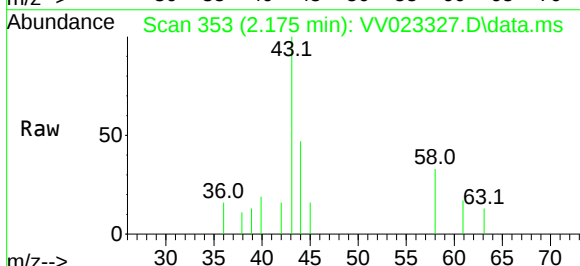
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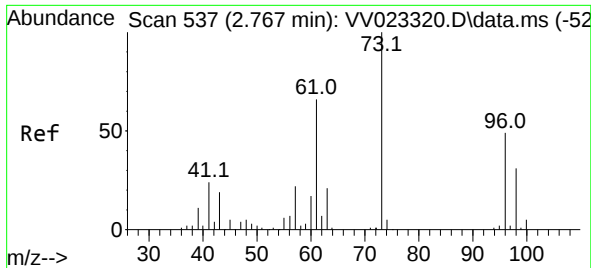
Tgt Ion: 43 Resp: 2272

Ion Ratio Lower Upper

43 100

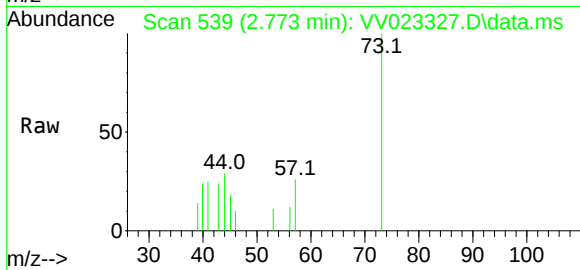
58 29.9 0.0 55.4



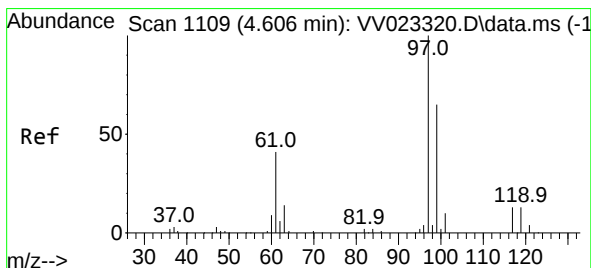
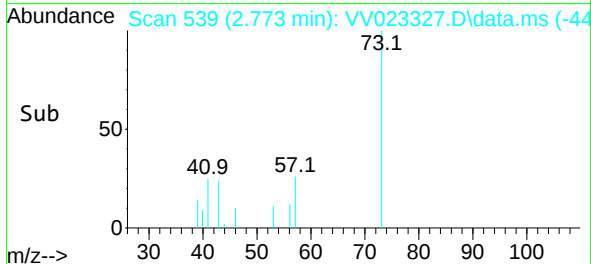
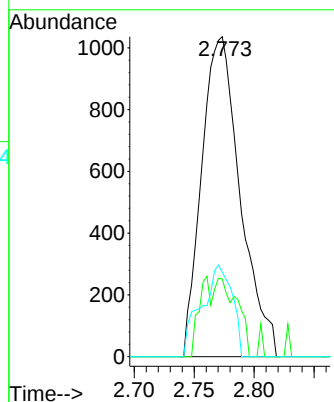


#17  
Methyl tert-butyl Ether  
Concen: 0.141 ug/L  
RT: 2.773 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VV023327.D  
Acq: 10 Nov 2021 12:58

Instrument :  
MSVOA\_V  
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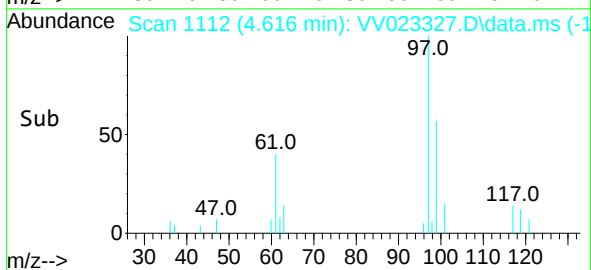
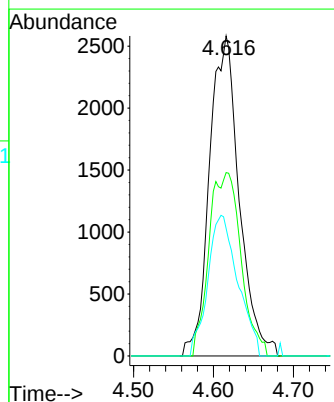
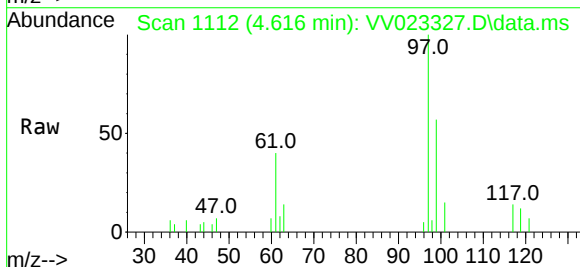


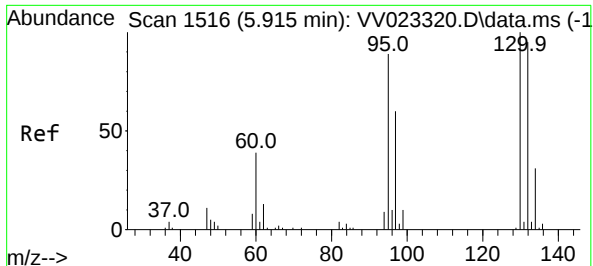
Tgt Ion: 73 Resp: 2318  
Ion Ratio Lower Upper  
73 100  
43 14.6 17.4 26.0#  
57 22.7 16.5 24.7



#29  
1,1,1-Trichloroethane  
Concen: 0.438 ug/L  
RT: 4.616 min Scan# 1112  
Delta R.T. 0.010 min  
Lab File: VV023327.D  
Acq: 10 Nov 2021 12:58

Tgt Ion: 97 Resp: 6669  
Ion Ratio Lower Upper  
97 100  
99 61.7 51.0 76.4  
61 44.4 34.1 51.1



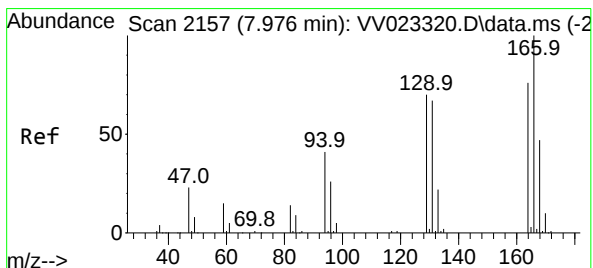
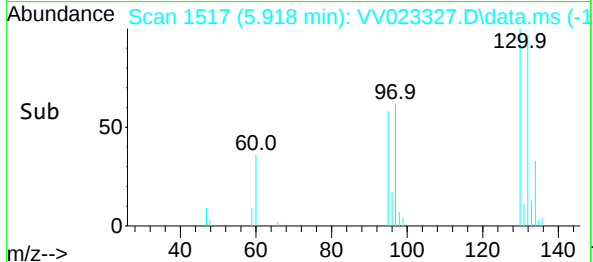
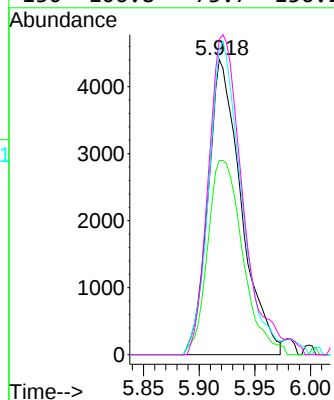
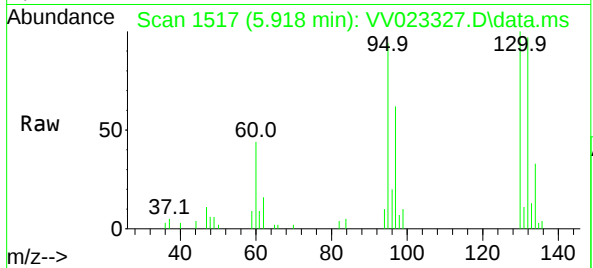


#34  
Trichloroethene  
Concen: 0.978 ug/L  
RT: 5.918 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV023327.D  
Acq: 10 Nov 2021 12:58

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Tgt Ion: 95 Resp: 9116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.8  | 45.0  | 83.6  |
| 132 | 103.5 | 69.7  | 129.4 |
| 130 | 106.8 | 73.7  | 136.9 |



#47  
Tetrachloroethene  
Concen: 9.083 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.000 min  
Lab File: VV023327.D  
Acq: 10 Nov 2021 12:58

Tgt Ion: 164 Resp: 73348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.2  | 64.0  | 119.0 |
| 131 | 91.9  | 63.4  | 117.8 |
| 166 | 130.1 | 89.3  | 165.9 |

