

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111521\  
 Data File : VW023516.D  
 Acq On : 16 Nov 2021 04:41  
 Operator : SY/MD  
 Sample : M4694-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H4654

Quant Time: Nov 16 05:19:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 16 02:06:43 2021  
 Response via : Initial Calibration

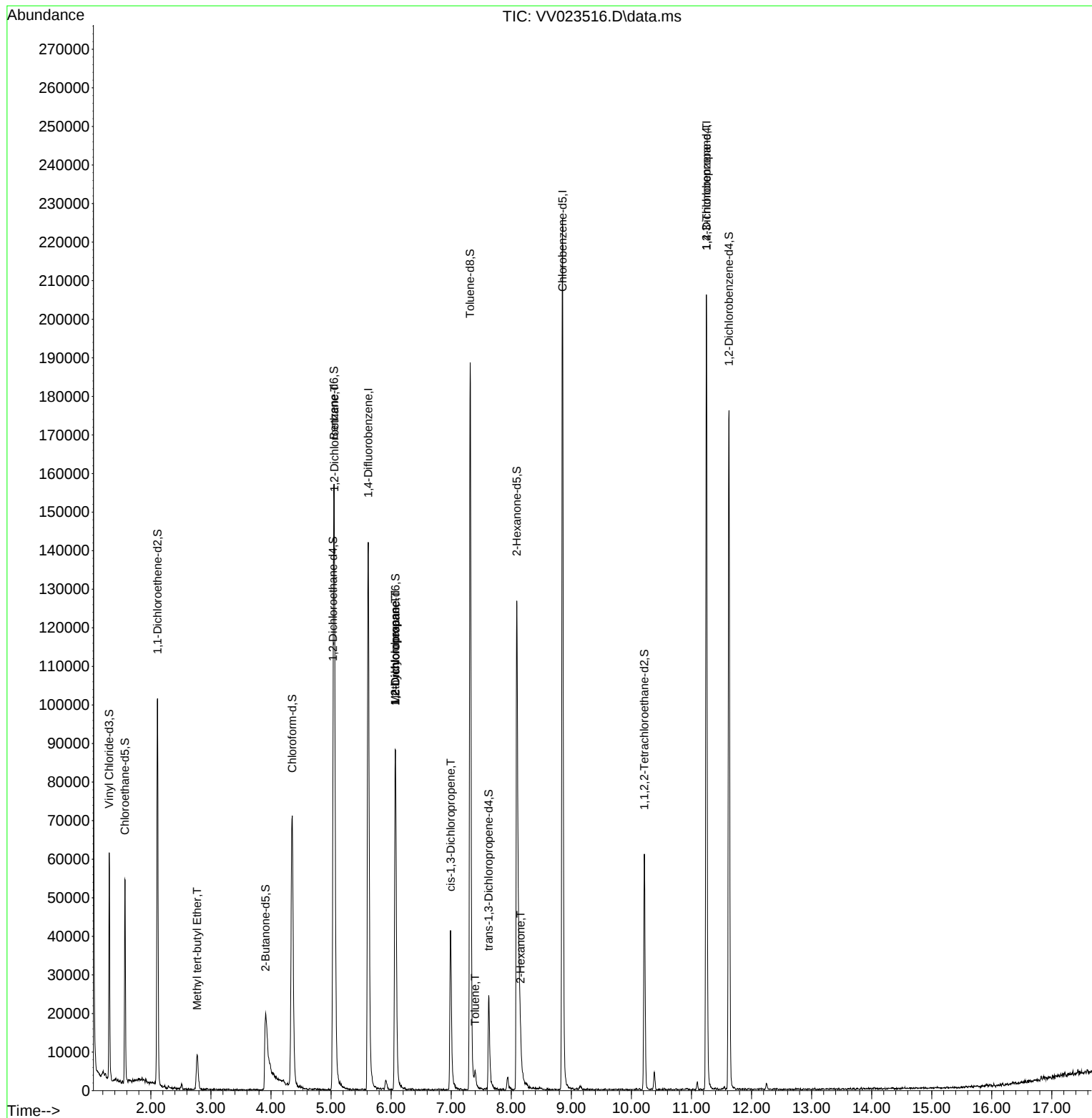
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 126991   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 126701   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 55940    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 36576    | 4.598    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 30902    | 4.766    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 52482    | 3.524    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 70.400%  |
| 20) 2-Butanone-d5             | 3.908  | 46    | 51913    | 37.876   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 75.760%  |
| 24) Chloroform-d              | 4.352  | 84    | 76072    | 4.487    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 36465    | 4.783    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.600%  |
| 32) Benzene-d6                | 5.050  | 84    | 144089   | 4.432    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 43060    | 4.500    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.000%  |
| 41) Toluene-d8                | 7.317  | 98    | 127451   | 4.184    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 14934    | 4.116    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.400%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 52495    | 39.319   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 78.640%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 28254    | 4.105    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 48235    | 5.178    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 9191     | 0.551    | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.056  | 62    | 888      | 0.100    | ug/L # | 72       |
| 35) Methylcyclohexane         | 6.069  | 83    | 10855    | 0.730    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 4812     | 0.582    | ug/L # | 83       |
| 39) cis-1,3-Dichloropropene   | 6.992  | 75    | 1191     | 0.100    | ug/L # | 33       |
| 42) Toluene                   | 7.397  | 91    | 3538     | 0.093    | ug/L   | 89       |
| 48) 2-Hexanone                | 8.156  | 43    | 5617     | 2.091    | ug/L # | 75       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 5559     | 1.496    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

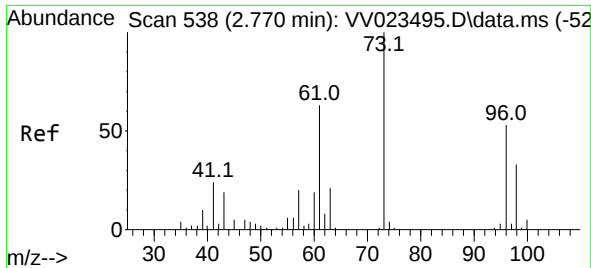
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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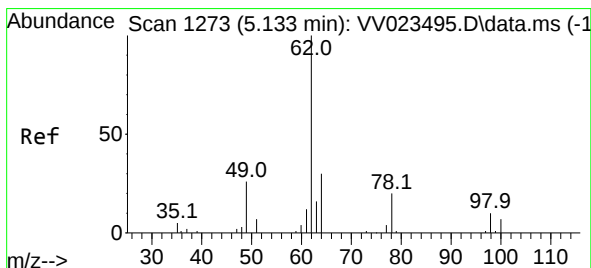
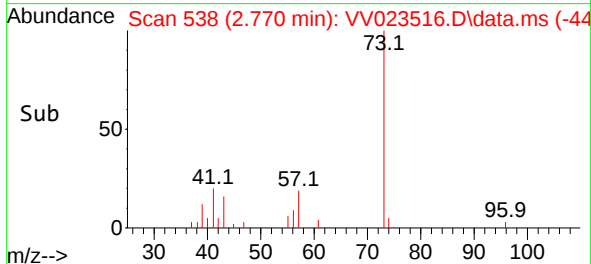
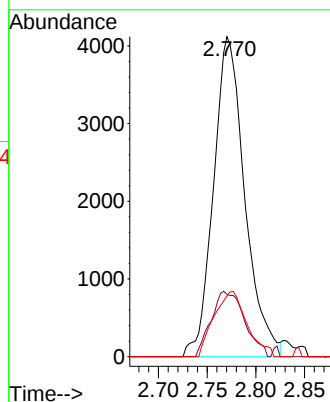
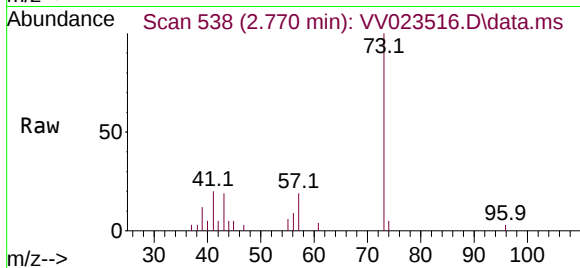




#17  
Methyl tert-butyl Ether  
Concen: 0.551 ug/L  
RT: 2.770 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV023516.D  
Acq: 16 Nov 2021 04:41

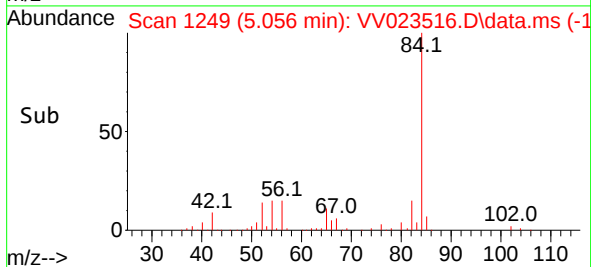
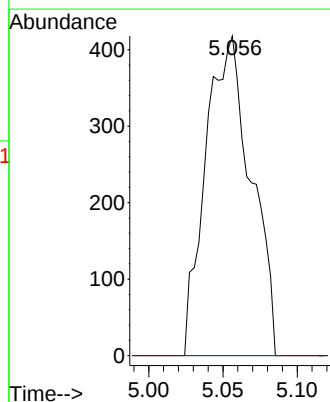
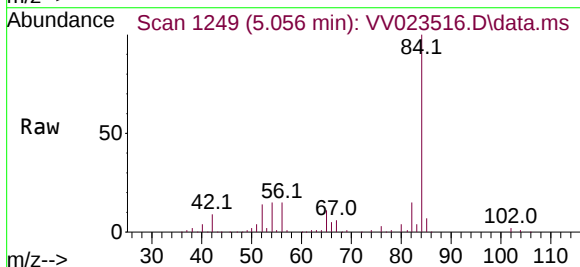
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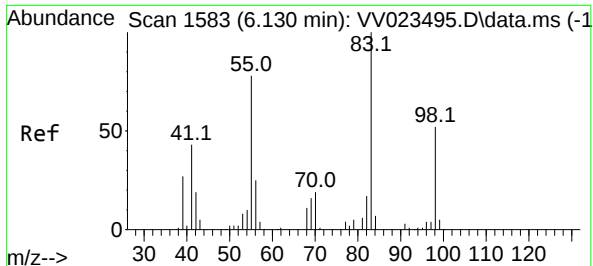
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 73 | Resp: | 9191        |
| Ion         | Ratio | Lower Upper |
| 73          | 100   |             |
| 43          | 21.8  | 17.4 26.0   |
| 57          | 21.4  | 16.5 24.7   |



#27  
1,2-Dichloroethane  
Concen: 0.100 ug/L  
RT: 5.056 min Scan# 1249  
Delta R.T. -0.077 min  
Lab File: VV023516.D  
Acq: 16 Nov 2021 04:41

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 62 | Resp: | 888         |
| Ion         | Ratio | Lower Upper |
| 62          | 100   |             |
| 98          | 0.0   | 8.2 12.4#   |

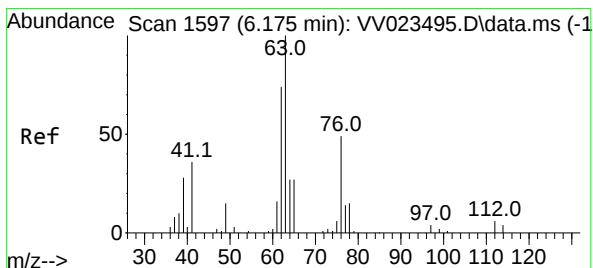
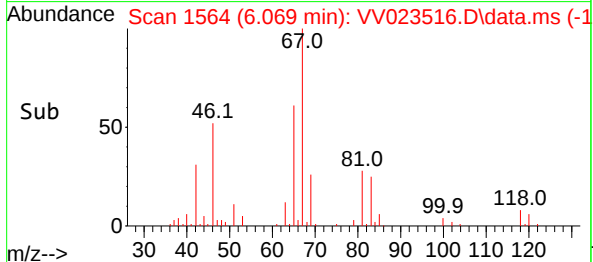
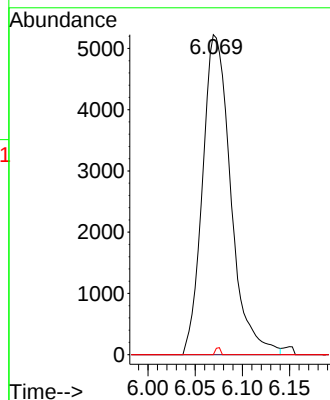
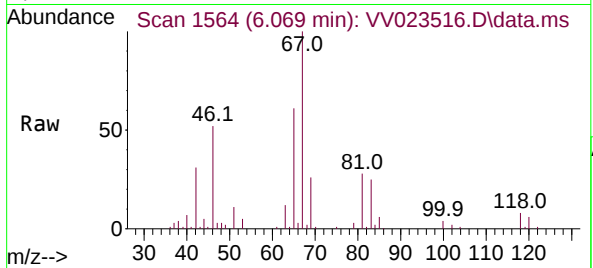




#35  
Methylcyclohexane  
Concen: 0.730 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.061 min  
Lab File: VV023516.D  
Acq: 16 Nov 2021 04:41

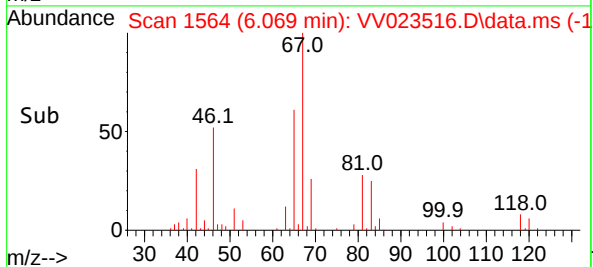
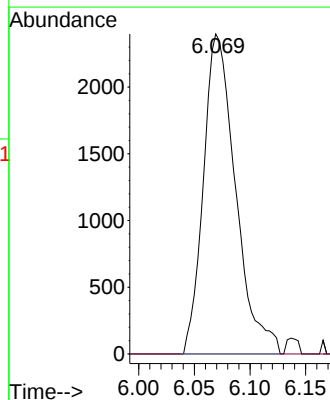
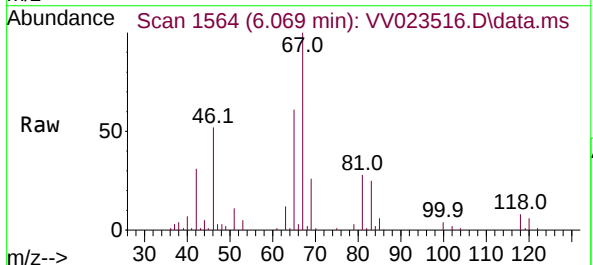
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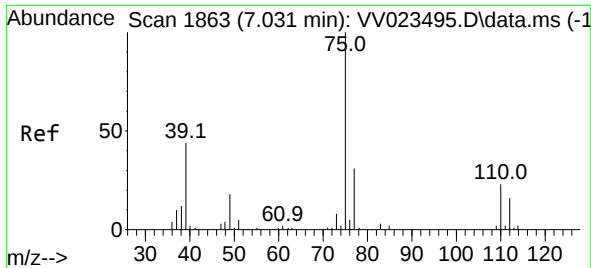
Tgt Ion: 83 Resp: 10855  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.8 94.2#  
98 0.4 37.9 56.9#



#37  
1,2-Dichloropropane  
Concen: 0.582 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.106 min  
Lab File: VV023516.D  
Acq: 16 Nov 2021 04:41

Tgt Ion: 63 Resp: 4812  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023516.D

Acq: 16 Nov 2021 04:41

Instrument :

MSVOA\_V

ClientSampleId :

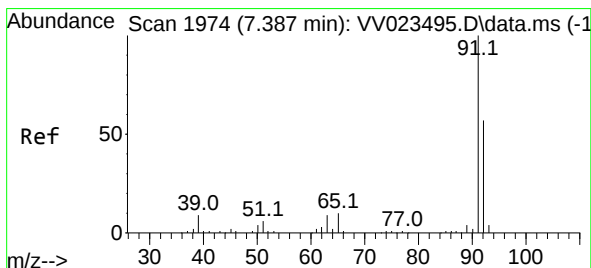
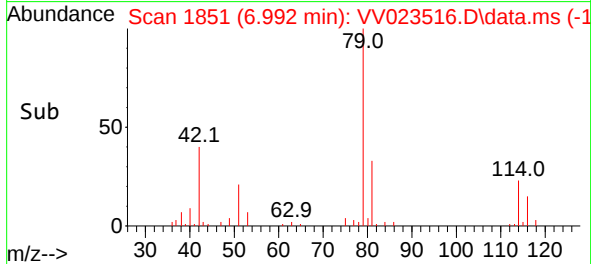
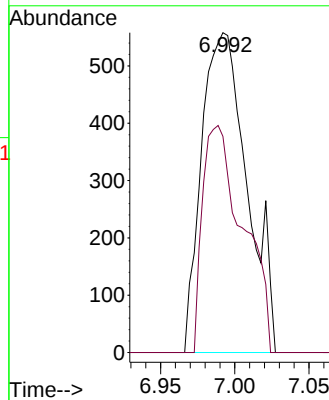
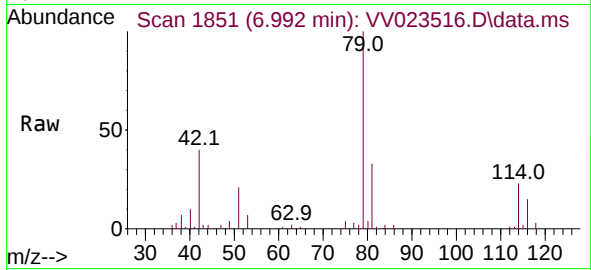
H4654

Tgt Ion: 75 Resp: 1191

Ion Ratio Lower Upper

75 100

77 67.6 21.6 40.2#



#42

Toluene

Concen: 0.093 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023516.D

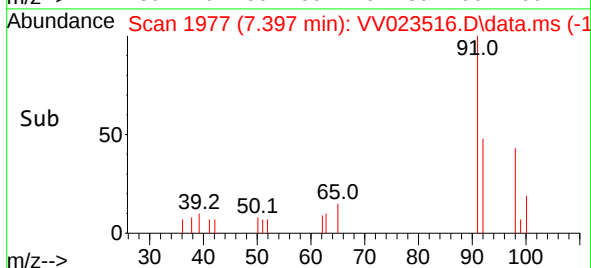
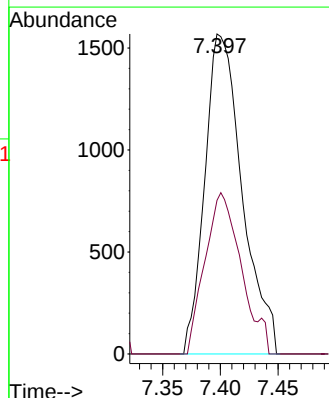
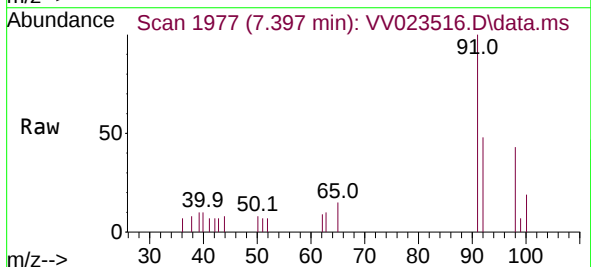
Acq: 16 Nov 2021 04:41

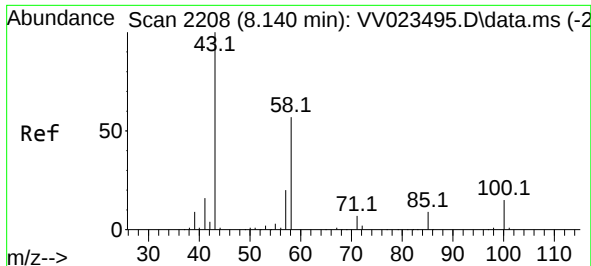
Tgt Ion: 91 Resp: 3538

Ion Ratio Lower Upper

91 100

92 48.0 39.3 72.9

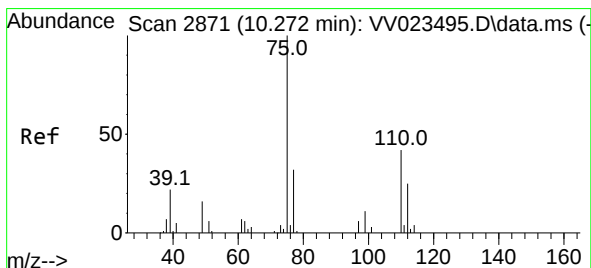
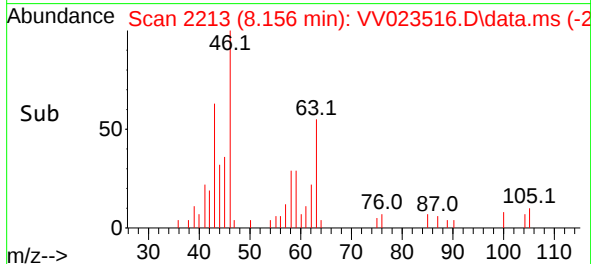
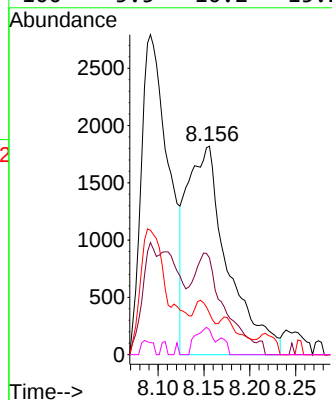
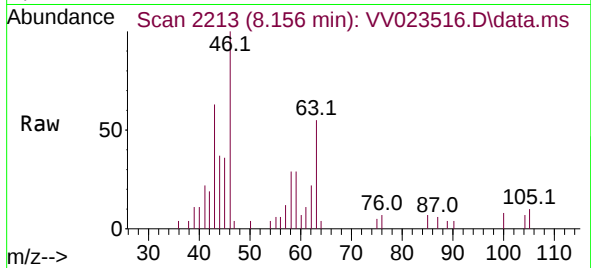




#48  
2-Hexanone  
Concen: 2.091 ug/L  
RT: 8.156 min Scan# 21  
Delta R.T. 0.016 min  
Lab File: VV023516.D  
Acq: 16 Nov 2021 04:41

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5617  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 37.0  | 43.7  | 65.5# |
| 57       | 3.4   | 14.1  | 21.1# |
| 100      | 5.5   | 10.2  | 15.2# |



#61  
1,2,3-Trichloropropane  
Concen: 1.496 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.977 min  
Lab File: VV023516.D  
Acq: 16 Nov 2021 04:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5559  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.4  | 26.6  | 39.8  |
| 110      | 1.6   | 31.8  | 47.6# |

