

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110621\  
 Data File : VW020794.D  
 Acq On : 05 Nov 2021 21:13  
 Operator : SY/VA  
 Sample : M4464-13  
 Misc : 5.49g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB7L1

Quant Time: Nov 08 04:55:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Nov 08 04:38:07 2021  
 Response via : Initial Calibration

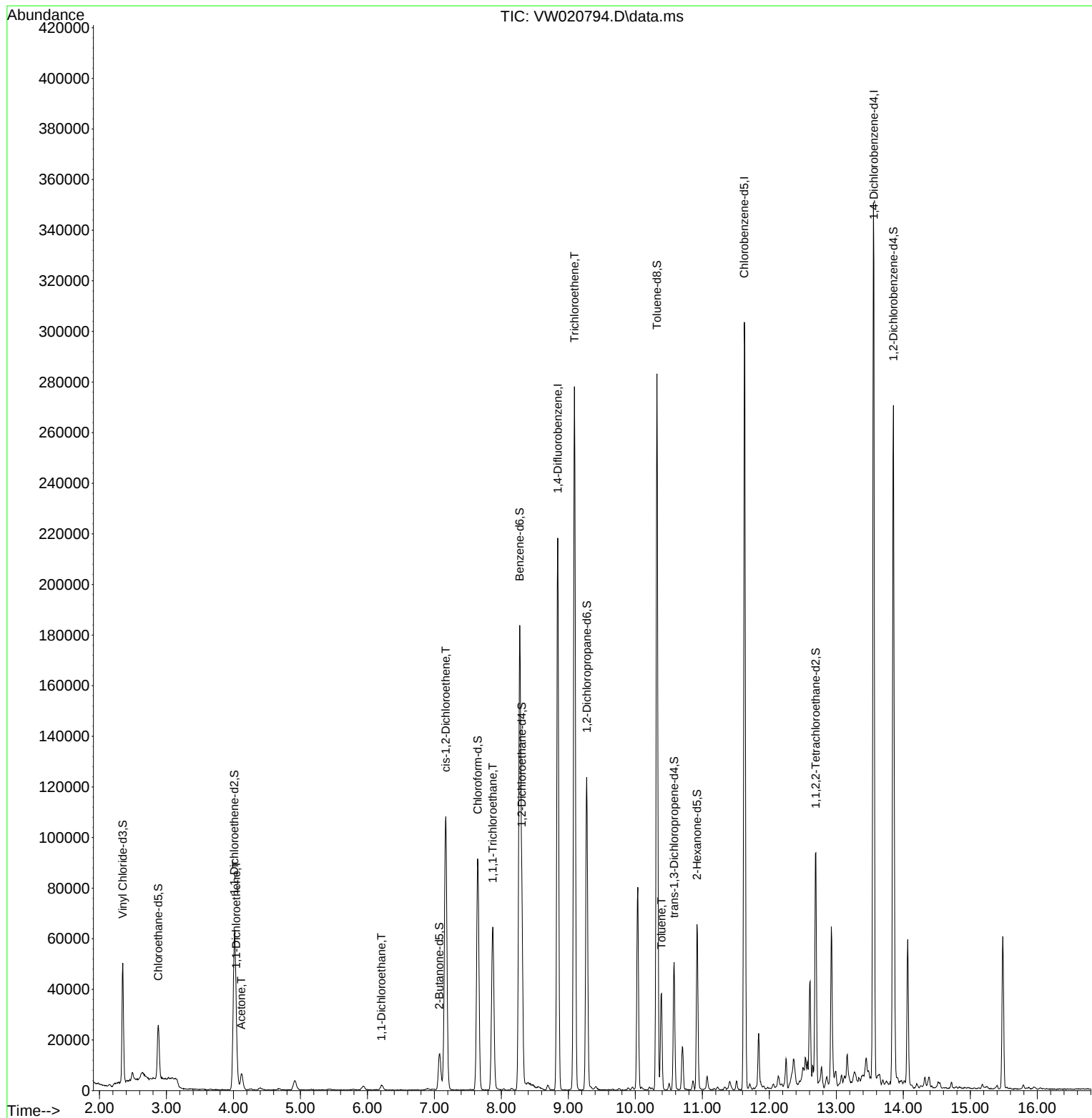
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 182360     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 168093     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 94193      | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.349          | 65   | 42757      | 24.937  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 99.760% |        |          |
| 7) Chloroethane-d5            | 2.879          | 69   | 23901      | 24.606  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 98.440% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 55726      | 15.484  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 61.920% |        |          |
| 21) 2-Butanone-d5             | 7.074          | 46   | 25394      | 44.596  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.200% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 91170      | 22.500  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 90.000% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 51488      | 23.869  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 95.480% |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 181451     | 23.892  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 95.560% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 54655      | 23.244  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 92.960% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 177940     | 24.083  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 96.320% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 26587      | 22.797  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 91.200% |        |          |
| 47) 2-Hexanone-d5             | 10.920         | 63   | 22418      | 47.121  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.240% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 43846      | 22.500  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 90.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 70793      | 23.915  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 95.680% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.044          | 96   | 3707       | 1.589   | ug/L # | 1        |
| 13) Acetone                   | 4.117          | 43   | 11350      | 21.692  | ug/L   | 93       |
| 19) 1,1-Dichloroethane        | 6.208          | 63   | 3086       | 0.718   | ug/L # | 95       |
| 20) cis-1,2-Dichloroethene    | 7.171          | 96   | 64442      | 24.650  | ug/L   | 84       |
| 30) 1,1,1-Trichloroethane     | 7.872          | 97   | 52243      | 13.078  | ug/L   | 95       |
| 34) Trichloroethene           | 9.091          | 95   | 90522      | 33.781  | ug/L   | 95       |
| 42) Toluene                   | 10.390         | 91   | 27914      | 2.579   | ug/L   | 93       |
| -----                         |                |      |            |         |        |          |

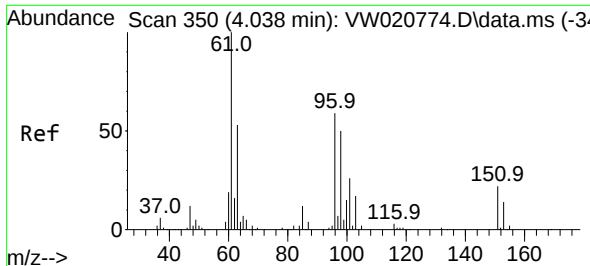
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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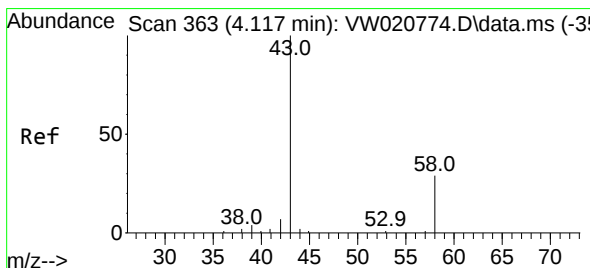
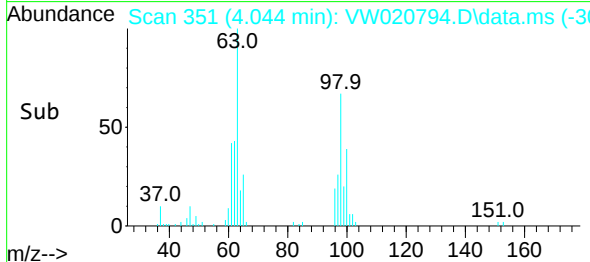
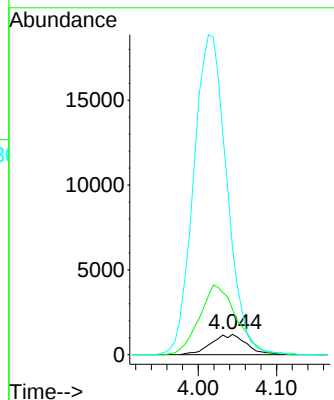
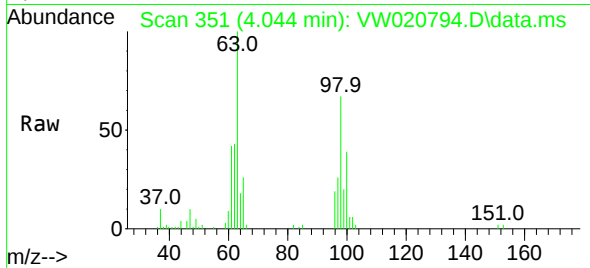




#12  
1,1-Dichloroethene  
Concen: 1.589 ug/L  
RT: 4.044 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VW020794.D  
Acq: 05 Nov 2021 21:13

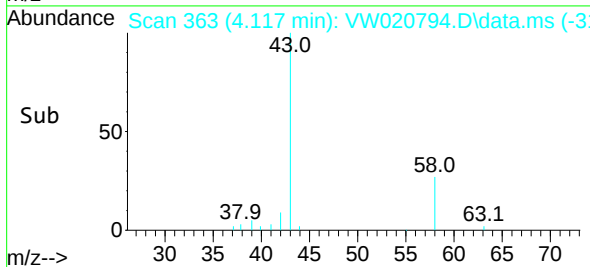
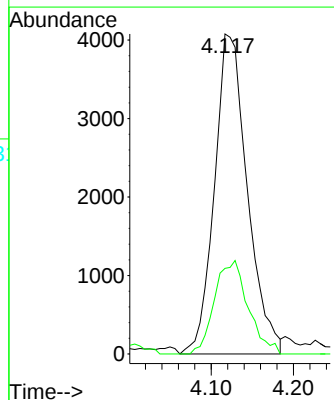
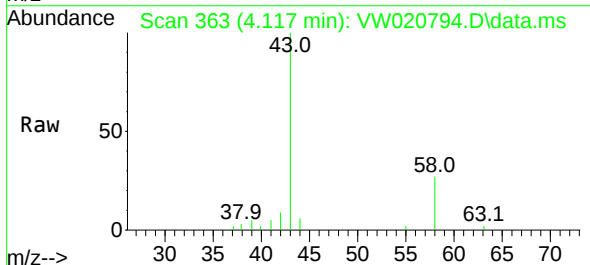
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB7L1

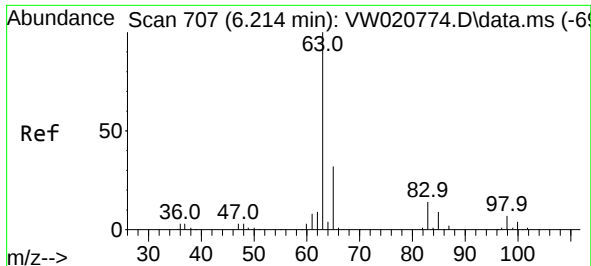
Tgt Ion: 96 Resp: 3707  
Ion Ratio Lower Upper  
96 100  
61 224.1 138.3 256.9  
63 532.0 82.6 153.4#



#13  
Acetone  
Concen: 21.692 ug/L  
RT: 4.117 min Scan# 363  
Delta R.T. -0.006 min  
Lab File: VW020794.D  
Acq: 05 Nov 2021 21:13

Tgt Ion: 43 Resp: 11350  
Ion Ratio Lower Upper  
43 100  
58 29.8 0.0 52.8





#19

1,1-Dichloroethane

Concen: 0.718 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.012 min

Lab File: VW020794.D

Acq: 05 Nov 2021 21:13

Instrument :

MSVOA\_W

ClientSampleId :

GB7L1

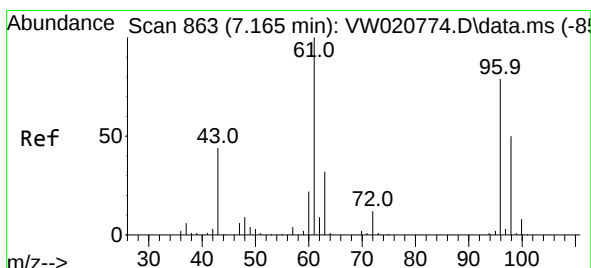
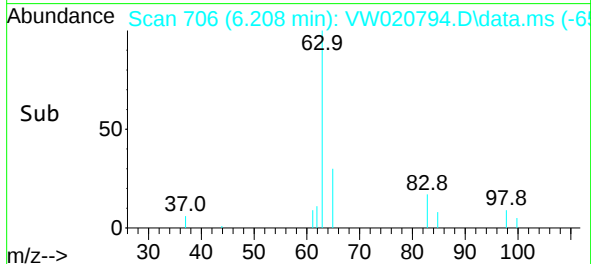
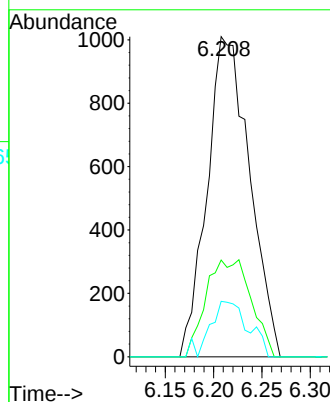
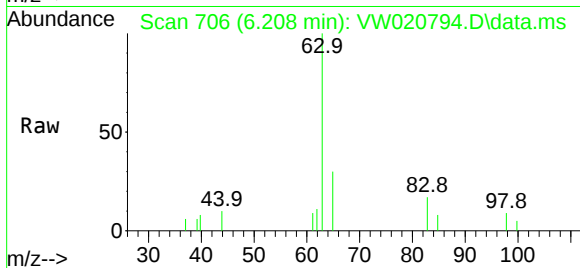
Tgt Ion: 63 Resp: 3086

Ion Ratio Lower Upper

63 100

65 30.2 22.1 41.1

83 17.3 9.2 17.2#



#20

cis-1,2-Dichloroethene

Concen: 24.650 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020794.D

Acq: 05 Nov 2021 21:13

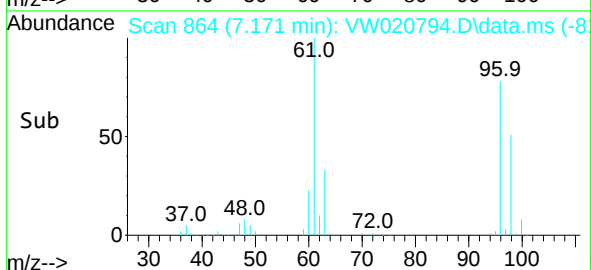
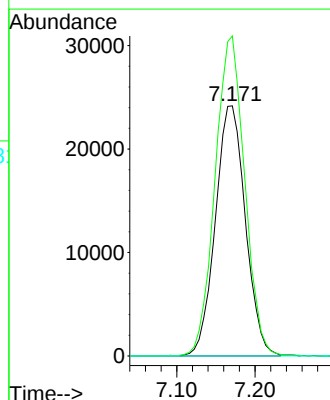
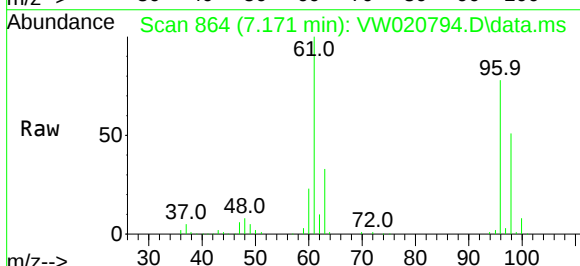
Tgt Ion: 96 Resp: 64442

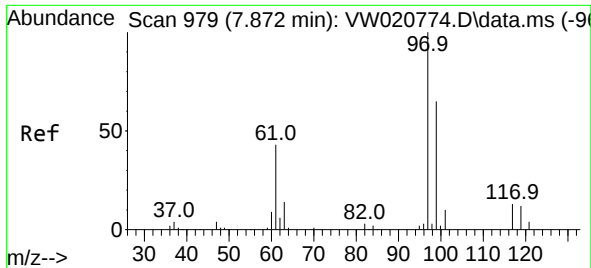
Ion Ratio Lower Upper

96 100

61 127.9 103.7 192.7

68 0.0 0.0 0.0

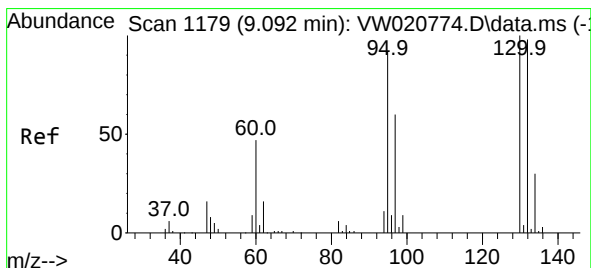
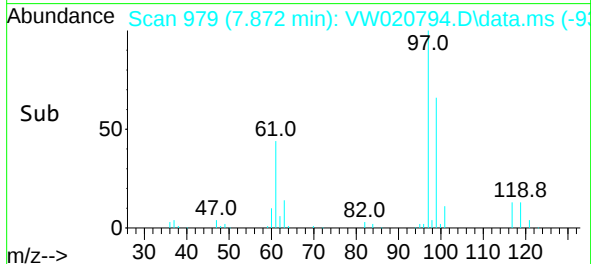
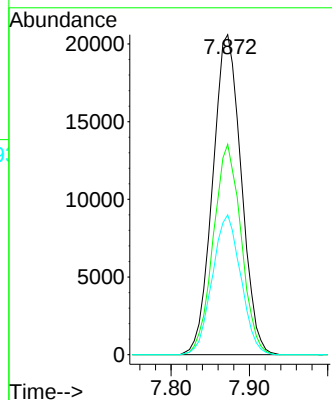
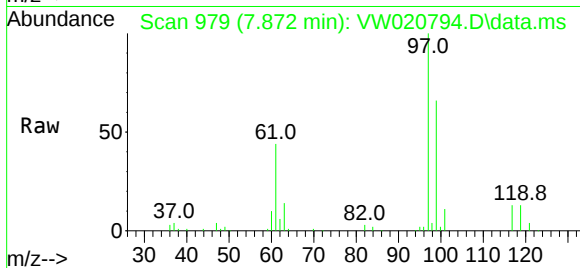




#30  
1,1,1-Trichloroethane  
Concen: 13.078 ug/L  
RT: 7.872 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VW020794.D  
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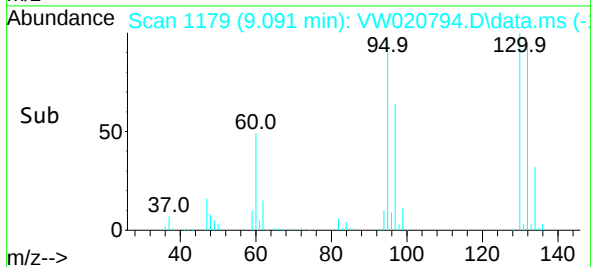
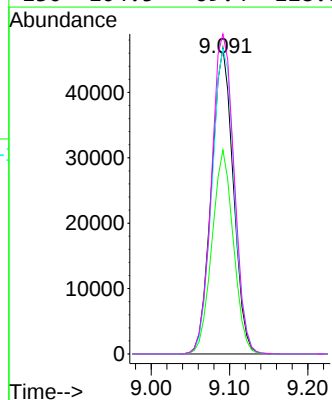
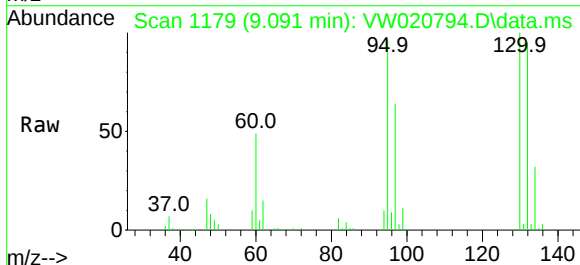
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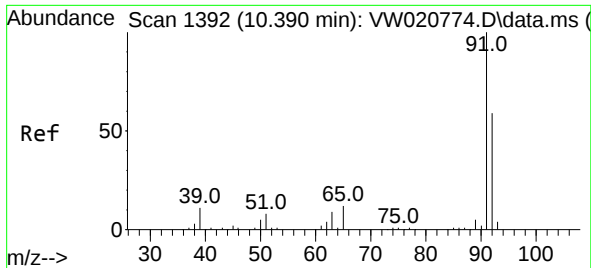
Tgt Ion: 97 Resp: 52243  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.6 77.4  
61 43.5 40.9 61.3



#34  
Trichloroethene  
Concen: 33.781 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW020794.D  
Acq: 05 Nov 2021 21:13

Tgt Ion: 95 Resp: 90522  
Ion Ratio Lower Upper  
95 100  
97 66.6 47.0 87.2  
132 99.7 65.5 121.6  
130 104.5 69.4 128.8





#42

Toluene

Concen: 2.579 ug/L

RT: 10.390 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020794.D

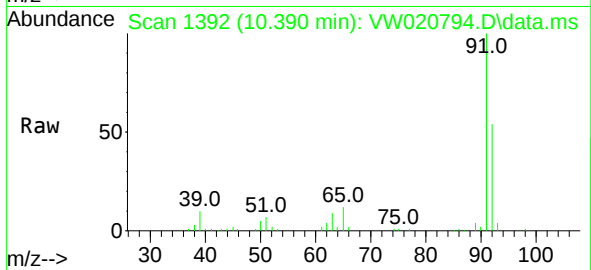
Acq: 05 Nov 2021 21:13

Instrument :

MSVOA\_W

ClientSampleId :

GB7L1



Tgt Ion: 91 Resp: 27914

Ion Ratio Lower Upper

91 100

92 54.5 41.7 77.5

