

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051421\  
 Data File : VW019001.D  
 Acq On : 14 May 2021 16:15  
 Operator : SY/VA  
 Sample : M2402-06  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 14 23:34:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 14 12:03:14 2021  
 Response via : Initial Calibration

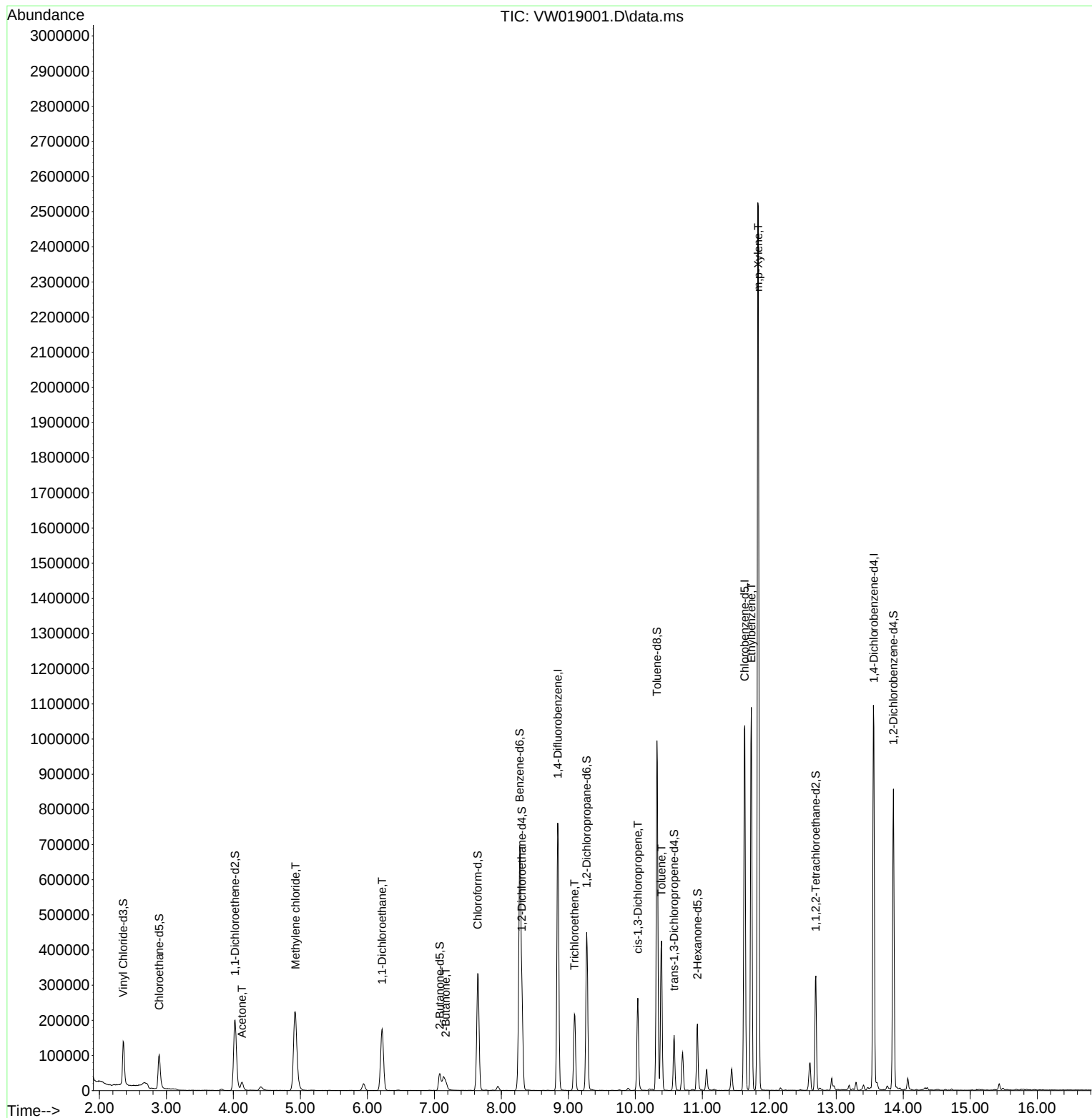
| Compound                      | R.T.   | QIon           | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|----------------|----------|-------|--------|----------|
| Internal Standards            |        |                |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 635621   | 25.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 577844   | 25.00 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 288123   | 25.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |                |          |       |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65             | 143924   | 22.25 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =     | 89.00% |          |
| 7) Chloroethane-d5            | 2.892  | 69             | 129236   | 20.72 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =     | 82.88% |          |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63             | 219922   | 14.89 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =     | 59.56% |          |
| 21) 2-Butanone-d5             | 7.080  | 46             | 80916    | 47.50 | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =     | 95.00% |          |
| 24) Chloroform-d              | 7.647  | 84             | 342551   | 21.06 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =     | 84.24% |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 186364   | 22.05 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =     | 88.20% |          |
| 32) Benzene-d6                | 8.275  | 84             | 694939   | 21.54 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =     | 86.16% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67             | 207564   | 21.95 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =     | 87.80% |          |
| 41) Toluene-d8                | 10.323 | 98             | 651865   | 21.56 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =     | 86.24% |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 86153    | 21.20 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =     | 84.80% |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 65403    | 46.79 | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =     | 93.58% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84             | 160519   | 22.16 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =     | 88.64% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 219870   | 22.09 | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =     | 88.36% |          |
| Target Compounds              |        |                |          |       |        |          |
| 13) Acetone                   | 4.129  | 43             | 41079    | 28.46 | ug/L   | 90       |
| 16) Methylene chloride        | 4.928  | 84             | 207508   | 19.46 | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 6.220  | 63             | 253839   | 16.23 | ug/L   | 98       |
| 22) 2-Butanone                | 7.171  | 43             | 25345    | 12.74 | ug/L   | 99       |
| 34) Trichloroethene           | 9.092  | 95             | 79657    | 8.49  | ug/L   | 90       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75             | 6438     | 0.50  | ug/L # | 65       |
| 42) Toluene                   | 10.390 | 91             | 316296   | 8.13  | ug/L   | 100      |
| 52) Ethylbenzene              | 11.731 | 91             | 770679   | 17.84 | ug/L   | 96       |
| 53) m,p-Xylene                | 11.835 | 106            | 693896   | 42.80 | ug/L   | 99       |

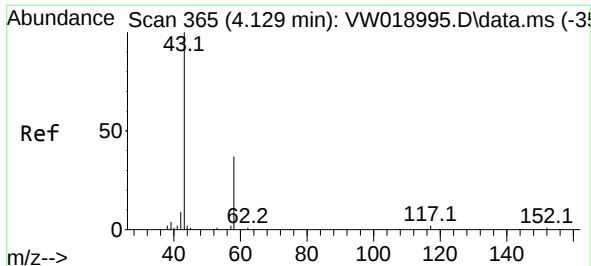
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051421\  
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Quant Time: May 14 23:34:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri May 14 12:03:14 2021  
Response via : Initial Calibration

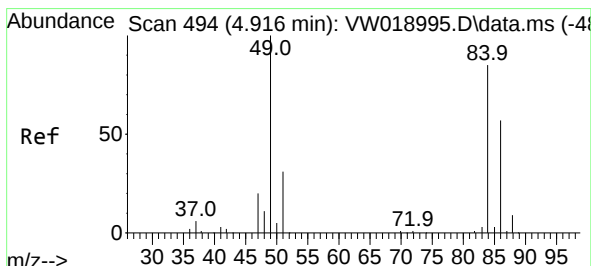
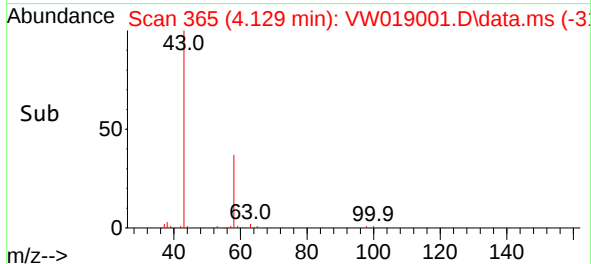
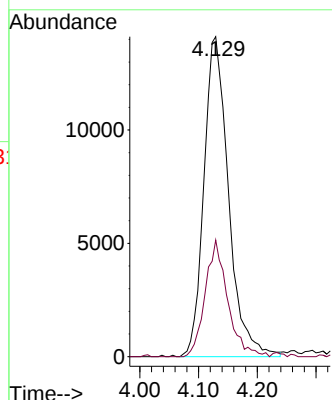
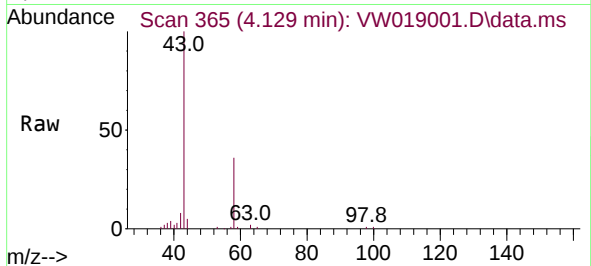




#13  
Acetone  
Concen: 28.46 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VW019001.D  
Acq: 14 May 2021 16:15

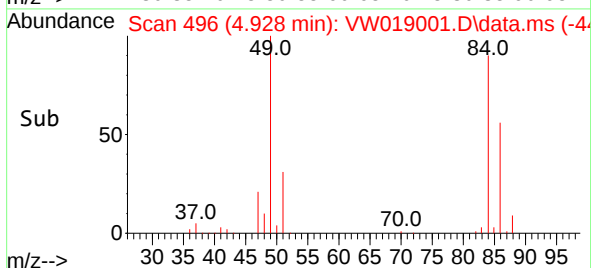
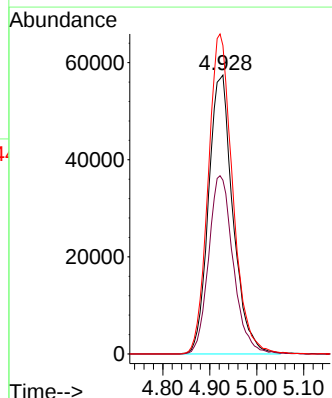
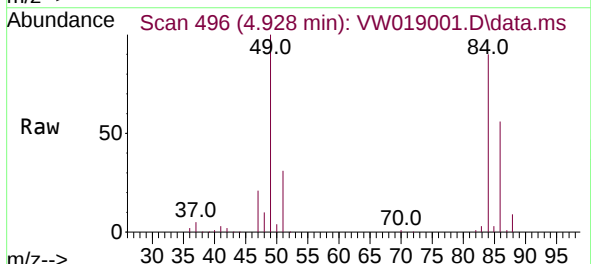
Instrument :  
MSVOA\_W  
ClientSampled :

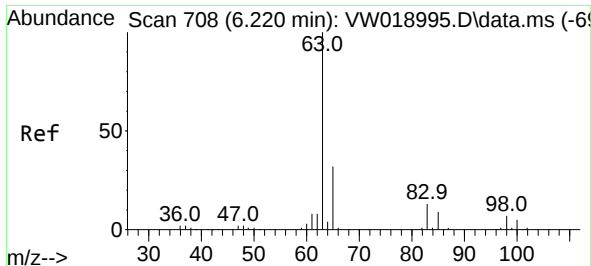
Tgt Ion: 43 Resp: 41079  
Ion Ratio Lower Upper  
43 100  
58 32.0 0.0 53.8



#16  
Methylene chloride  
Concen: 19.46 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.012 min  
Lab File: VW019001.D  
Acq: 14 May 2021 16:15

Tgt Ion: 84 Resp: 207508  
Ion Ratio Lower Upper  
84 100  
86 62.3 45.3 84.1  
49 110.6 86.6 160.8





#19

1,1-Dichloroethane

Concen: 16.23 ug/L

RT: 6.220 min Scan# 708

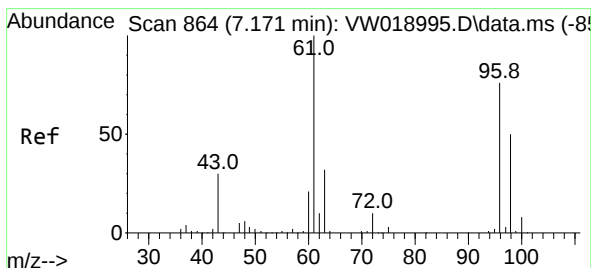
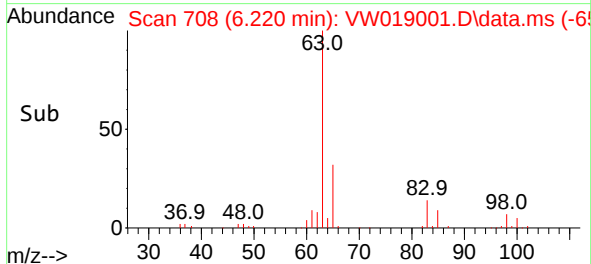
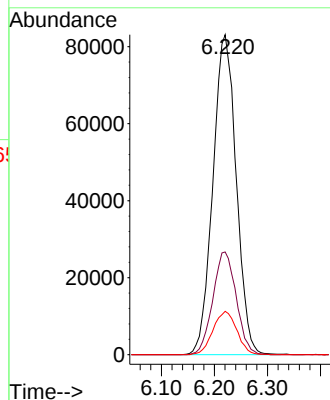
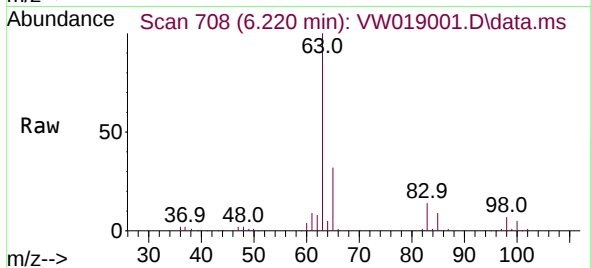
Delta R.T. 0.000 min

Lab File: VW019001.D

Acq: 14 May 2021 16:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 253839 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 32.1  | 22.9  | 42.5   |
| 83       | 13.5  | 10.2  | 19.0   |

Instrument :  
MSVOA\_W  
ClientSampled :



#22

2-Butanone

Concen: 12.74 ug/L

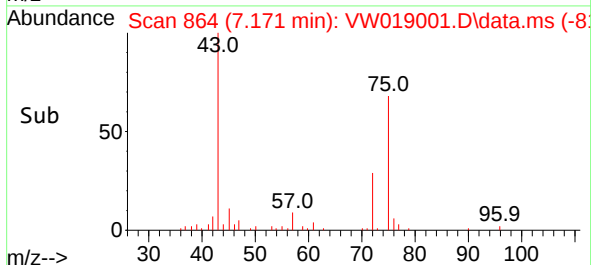
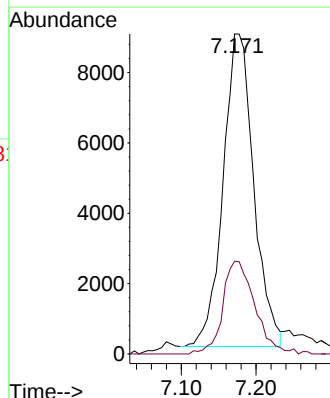
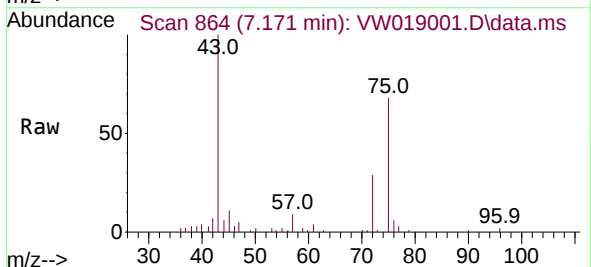
RT: 7.171 min Scan# 864

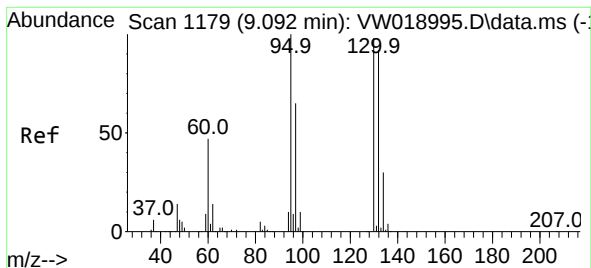
Delta R.T. 0.000 min

Lab File: VW019001.D

Acq: 14 May 2021 16:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 25345 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 30.5  | 14.9  | 44.7  |





#34

Trichloroethene

Concen: 8.49 ug/L

RT: 9.092 min Scan# 1179

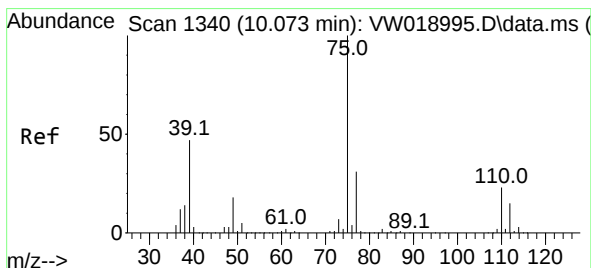
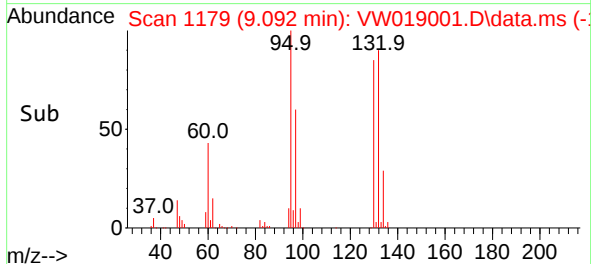
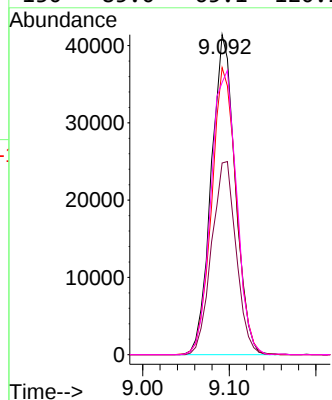
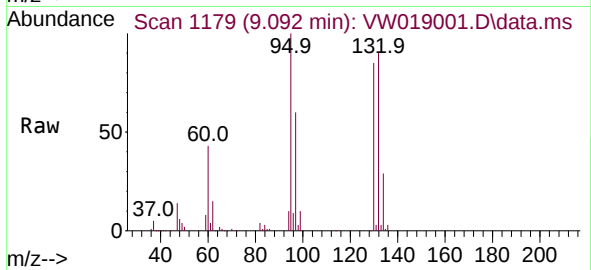
Delta R.T. 0.000 min

Lab File: VW019001.D

Acq: 14 May 2021 16:15

Instrument :  
MSVOA\_W  
ClientSampled :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 79657 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 97        | 59.9  | 47.3  | 87.8  |
| 132       | 89.7  | 71.0  | 131.8 |
| 130       | 85.0  | 65.1  | 120.9 |



#39

cis-1,3-Dichloropropene

Concen: 0.50 ug/L

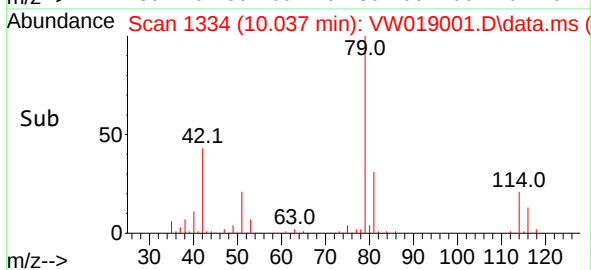
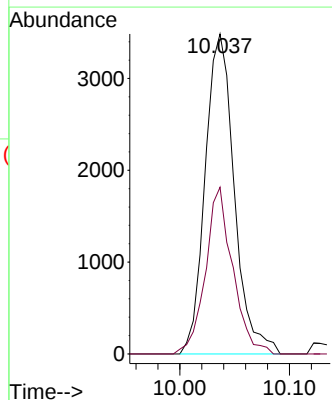
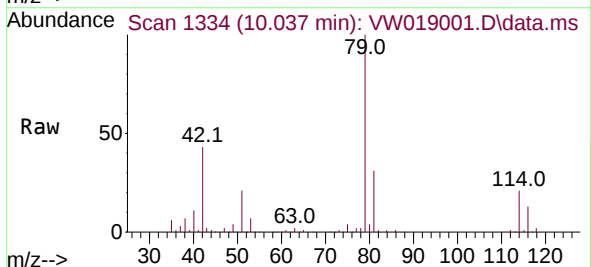
RT: 10.037 min Scan# 1334

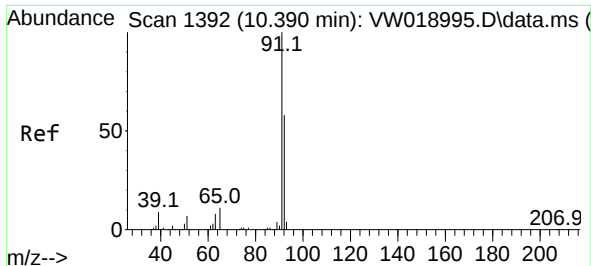
Delta R.T. -0.037 min

Lab File: VW019001.D

Acq: 14 May 2021 16:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 6438  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 52.1  | 22.6  | 42.0# |

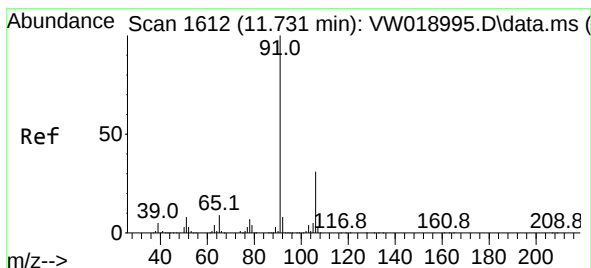
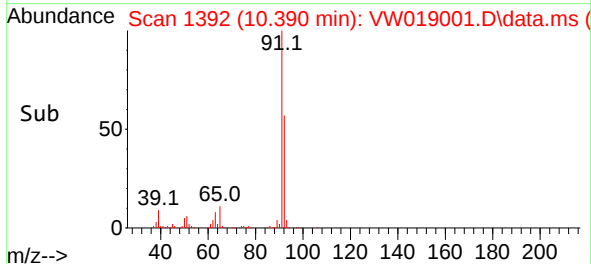
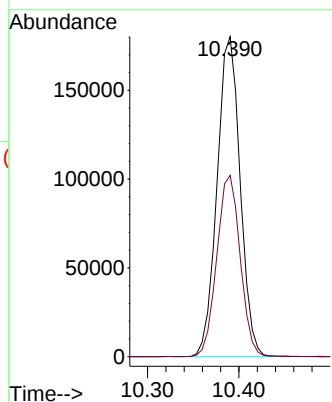
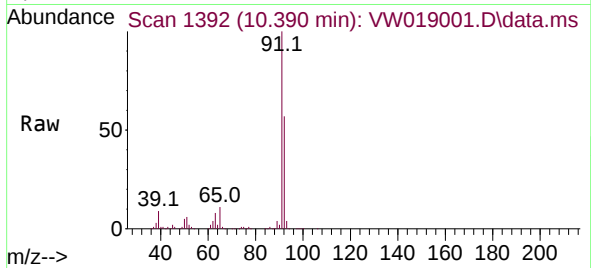




#42  
Toluene  
Concen: 8.13 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019001.D  
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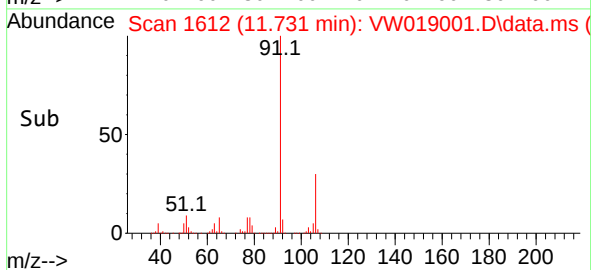
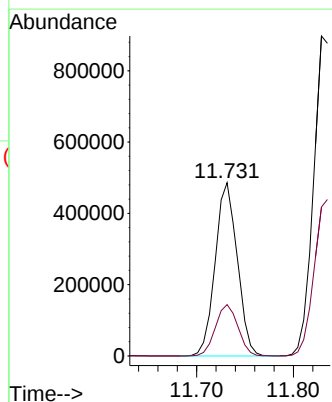
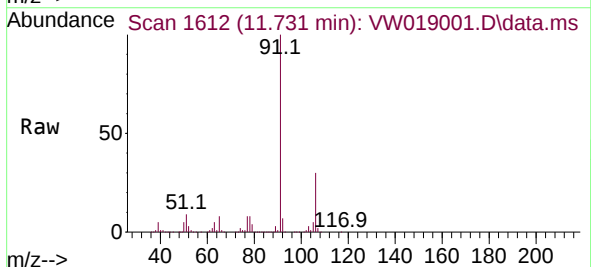
Instrument :  
MSVOA\_W  
ClientSampled :

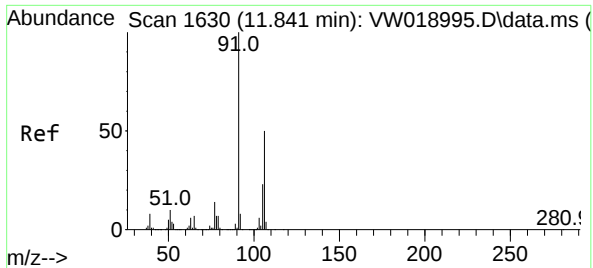
Tgt Ion: 91 Resp: 316296  
Ion Ratio Lower Upper  
91 100  
92 56.6 39.5 73.3



#52  
Ethylbenzene  
Concen: 17.84 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
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Tgt Ion: 91 Resp: 770679  
Ion Ratio Lower Upper  
91 100  
106 29.7 22.5 41.7





#53  
m,p-Xylene  
Concen: 42.80 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VW019001.D  
Acq: 14 May 2021 16:15

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:106 Resp: 693896  
Ion Ratio Lower Upper  
106 100  
91 199.8 141.3 262.3

