

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081121\  
 Data File : VW019710.D  
 Acq On : 11 Aug 2021 13:35  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

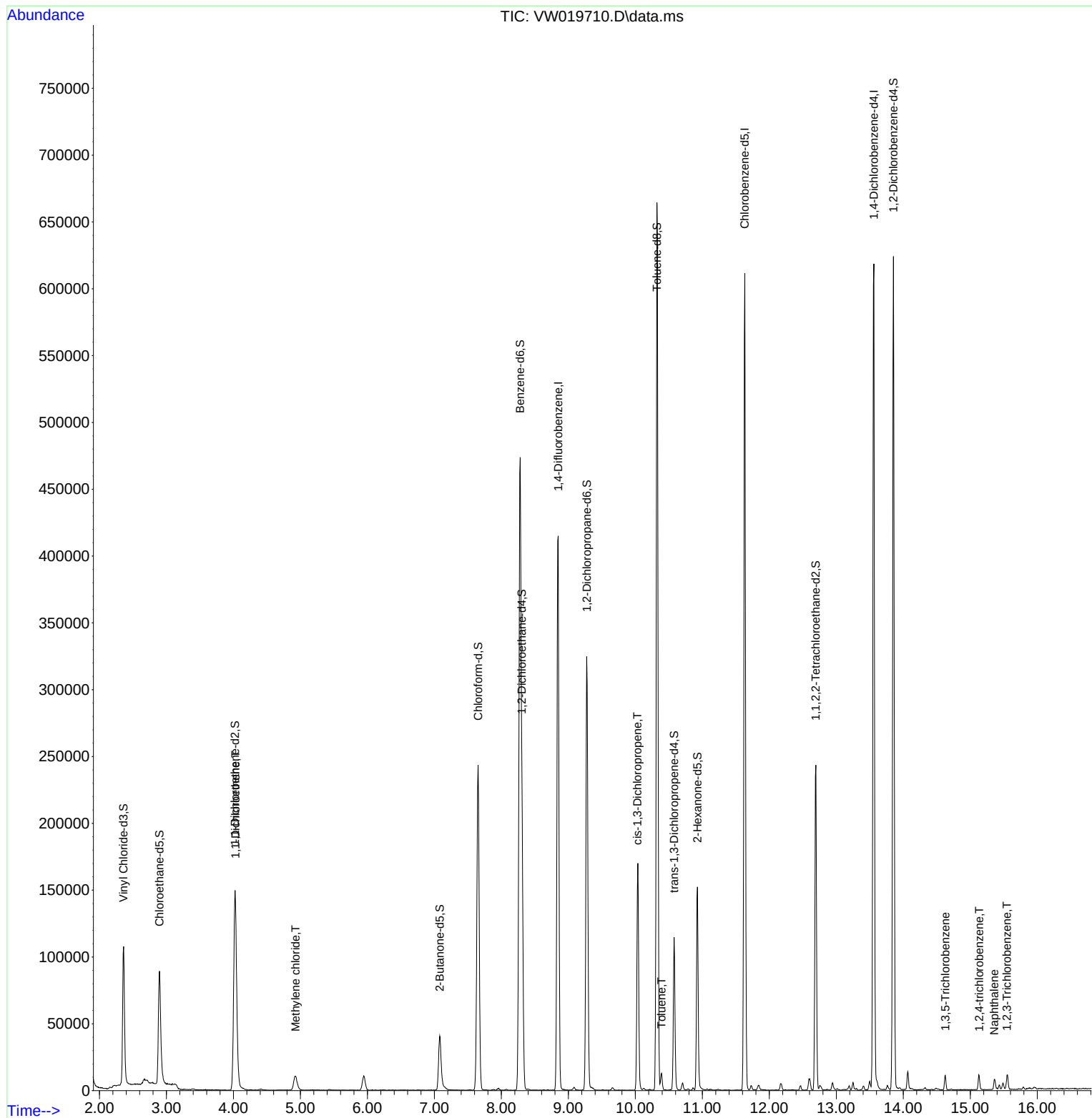
Quant Time: Aug 11 18:16:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 11 18:12:43 2021  
 Response via : Initial Calibration

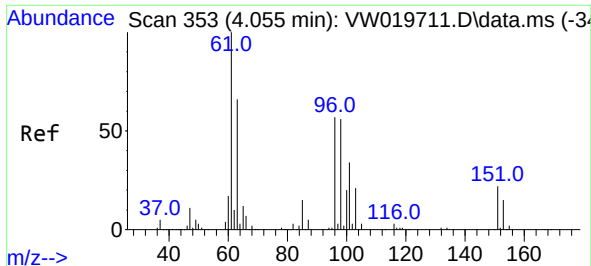
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114  | 348224   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 324691   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 160757   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65   | 123437   | 30.356 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.897  | 69   | 115993   | 28.860 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63   | 165682   | 19.802 | ug/L   | -0.01    |
| 21) 2-Butanone-d5             | 7.080  | 46   | 66841    | 50.332 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 243316   | 23.112 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 138174   | 22.546 | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.281  | 84   | 485603   | 22.588 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 145905   | 22.560 | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 436845   | 22.276 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 60702    | 22.732 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.926 | 63   | 52123    | 45.940 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84   | 120456   | 21.465 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 156357   | 26.371 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.031  | 96   | 1570     | 0.376  | ug/L   | # 1      |
| 16) Methylene chloride        | 4.928  | 84   | 9619     | 1.653  | ug/L   | 86       |
| 39) cis-1,3-Dichloropropene   | 10.030 | 75   | 5074     | 0.591  | ug/L   | 86       |
| 42) Toluene                   | 10.390 | 91   | 8492     | 0.359  | ug/L   | 99       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 3505     | 0.515  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 3565     | 0.623  | ug/L   | 96       |
| 71) Naphthalene               | 15.359 | 128  | 6934     | 0.623  | ug/L   | 97       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 3657     | 0.722  | ug/L   | 97       |
| -----                         |        |      |          |        |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081121SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Aug 11 18:12:43 2021  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.376 ug/L

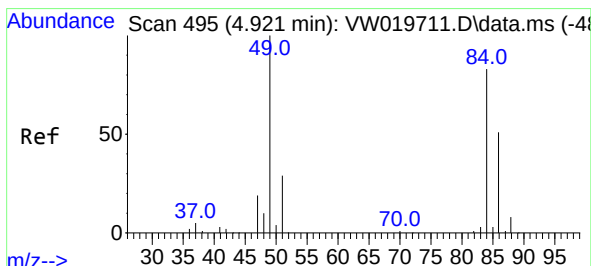
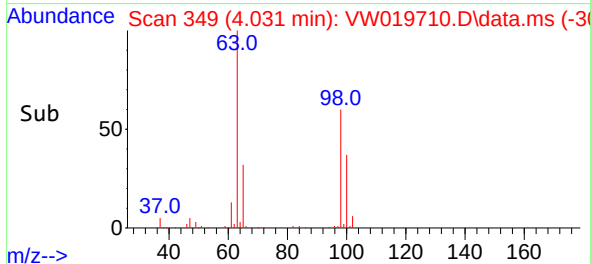
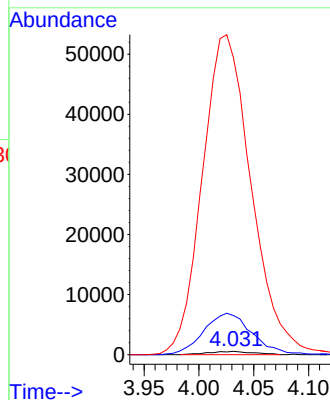
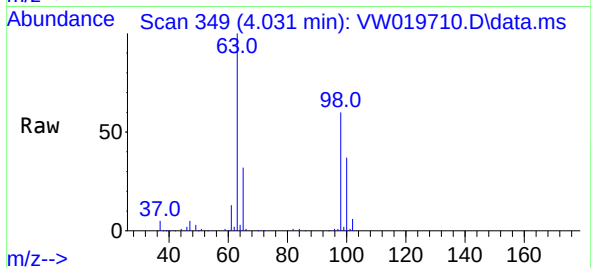
RT: 4.031 min Scan# 349

Delta R.T. -0.024 min

Lab File: VW019710.D

Acq: 11 Aug 2021 13:35

|          |        |       |        |
|----------|--------|-------|--------|
| Tgt Ion: | 96     | Resp: | 1570   |
| Ion      | Ratio  | Lower | Upper  |
| 96       | 100    |       |        |
| 61       | 1148.8 | 118.1 | 219.3# |
| 63       | 8715.5 | 83.7  | 155.5# |



#16

Methylene chloride

Concen: 1.653 ug/L

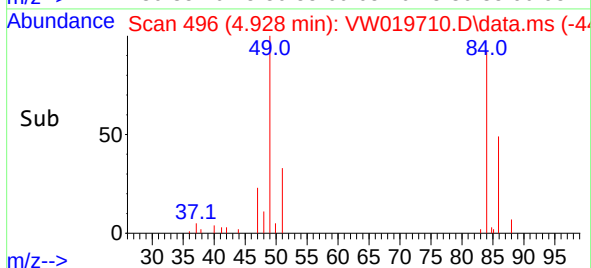
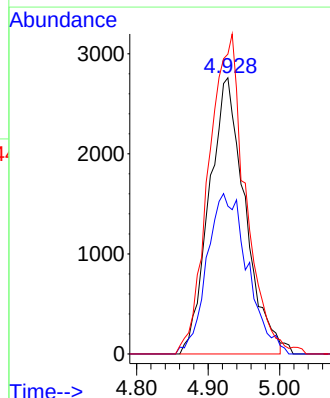
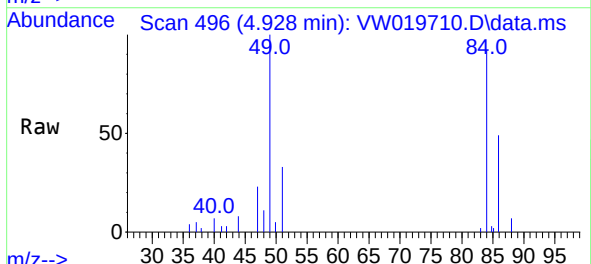
RT: 4.928 min Scan# 496

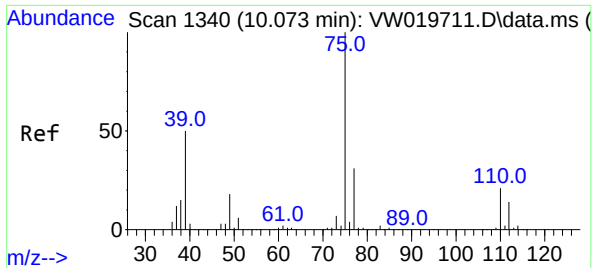
Delta R.T. 0.006 min

Lab File: VW019710.D

Acq: 11 Aug 2021 13:35

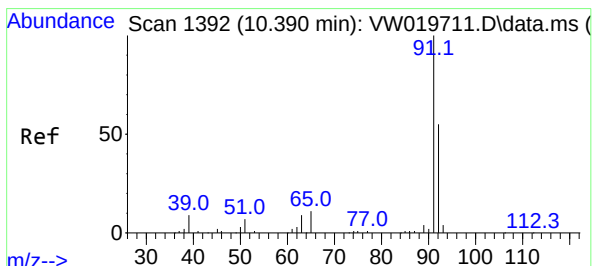
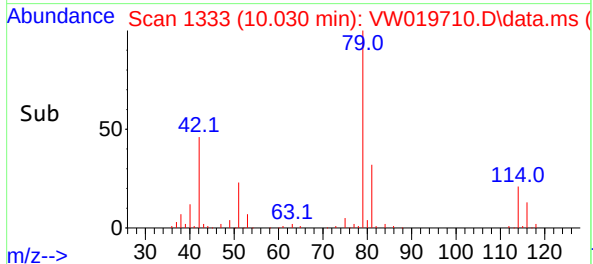
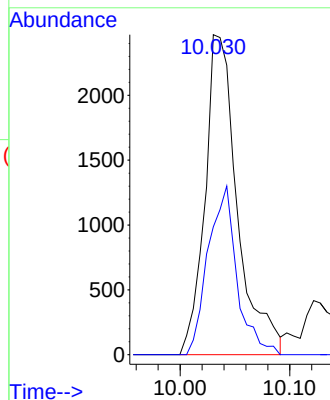
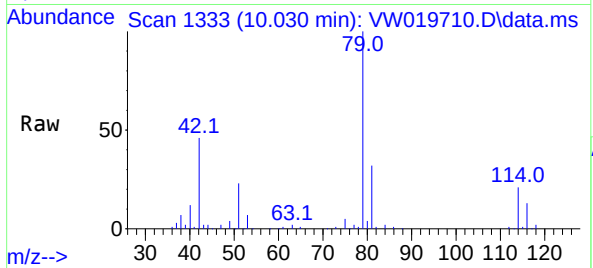
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 9619  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 53.5  | 45.3  | 84.1  |
| 49       | 108.6 | 86.6  | 160.8 |





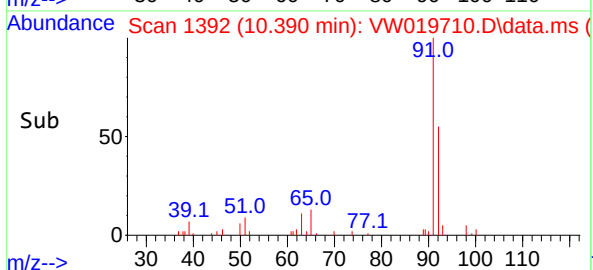
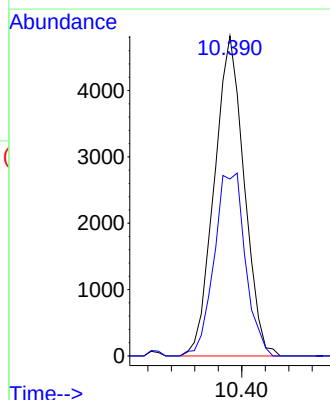
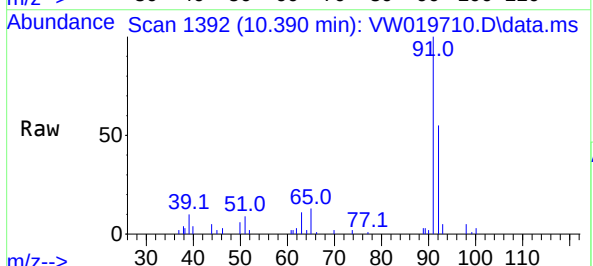
#39  
cis-1,3-Dichloropropene  
Concen: 0.591 ug/L  
RT: 10.030 min Scan# 1333  
Delta R.T. -0.042 min  
Lab File: VW019710.D  
Acq: 11 Aug 2021 13:35

Tgt Ion: 75 Resp: 5074  
Ion Ratio Lower Upper  
75 100  
77 40.0 22.6 42.0

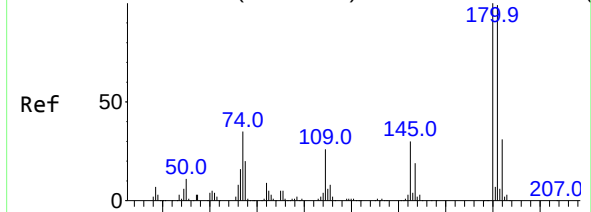


#42  
Toluene  
Concen: 0.359 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019710.D  
Acq: 11 Aug 2021 13:35

Tgt Ion: 91 Resp: 8492  
Ion Ratio Lower Upper  
91 100  
92 55.3 39.5 73.3

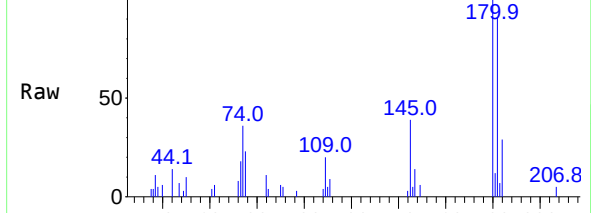


Abundance Scan 2087 (14.627 min): VW019711.D\data.ms (



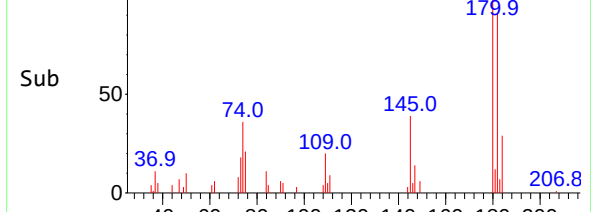
m/z-->

Abundance Scan 2087 (14.627 min): VW019710.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW019710.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 0.515 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW019710.D

Acq: 11 Aug 2021 13:35

Tgt Ion:180 Resp: 3505

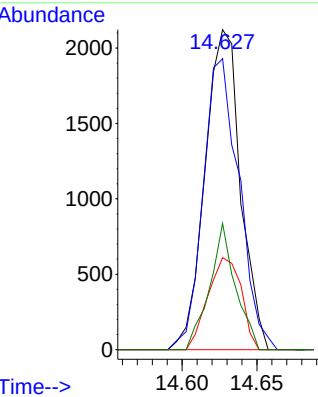
Ion Ratio Lower Upper

180 100

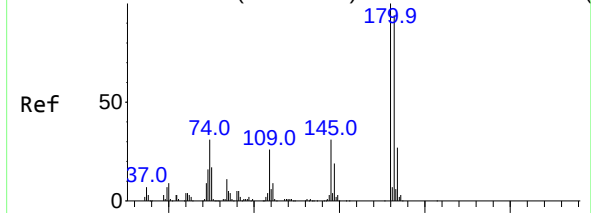
182 91.8 73.4 110.2

184 26.9 23.6 35.4

145 28.7 24.9 37.3

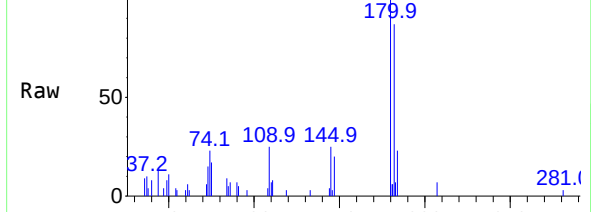


Abundance Scan 2170 (15.133 min): VW019711.D\data.ms (



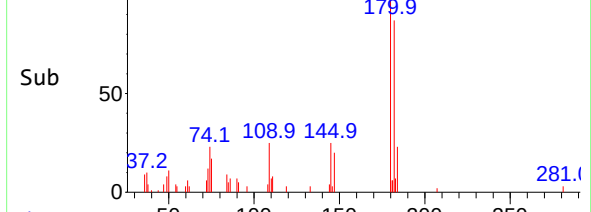
m/z-->

Abundance Scan 2170 (15.133 min): VW019710.D\data.ms



m/z-->

Abundance Scan 2170 (15.133 min): VW019710.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 0.623 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW019710.D

Acq: 11 Aug 2021 13:35

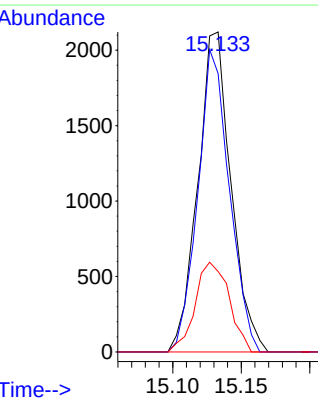
Tgt Ion:180 Resp: 3565

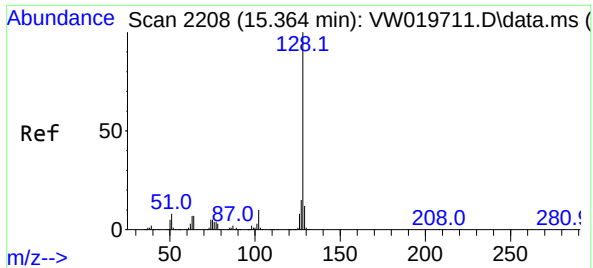
Ion Ratio Lower Upper

180 100

182 89.8 74.7 112.1

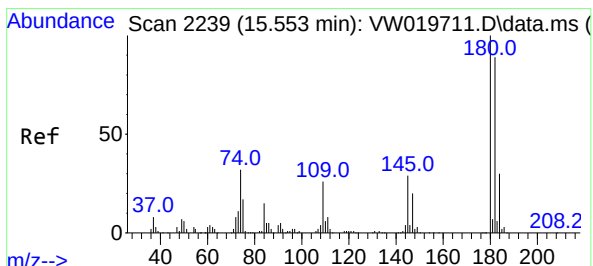
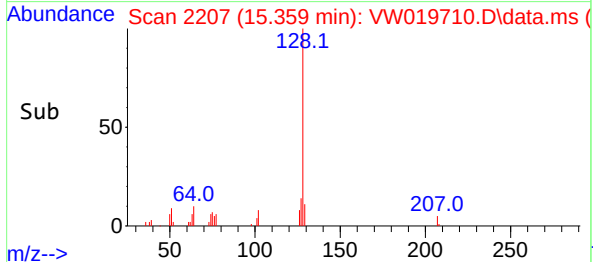
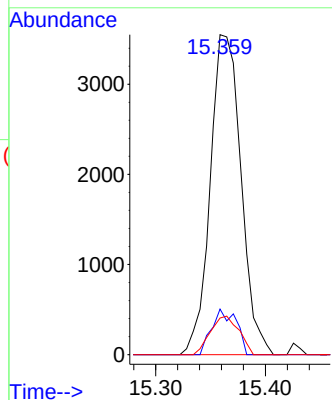
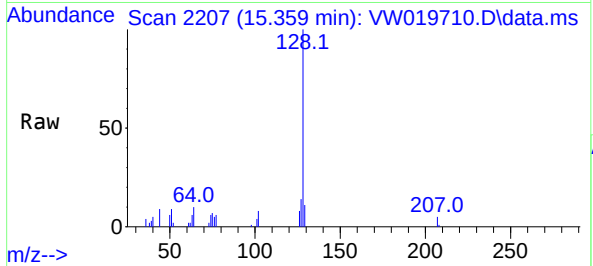
145 28.8 25.0 37.4





#71  
Naphthalene  
Concen: 0.623 ug/L  
RT: 15.359 min Scan# 2207  
Delta R.T. -0.006 min  
Lab File: VW019710.D  
Acq: 11 Aug 2021 13:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 6934      |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 11.3  | 10.6 15.8 |
| 129         | 11.1  | 9.0 13.6  |



#72  
1,2,3-Trichlorobenzene  
Concen: 0.722 ug/L  
RT: 15.548 min Scan# 2238  
Delta R.T. -0.006 min  
Lab File: VW019710.D  
Acq: 11 Aug 2021 13:35

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 3657       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 98.5  | 76.7 115.1 |
| 145         | 34.7  | 28.9 43.3  |

