

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
 Data File : VW022975.D  
 Acq On : 11 May 2022 12:53  
 Operator : SY/VA  
 Sample : N2766-05RE  
 Misc : 6.49g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4F5RE

Quant Time: May 12 01:10:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 12 01:07:03 2022  
 Response via : Initial Calibration

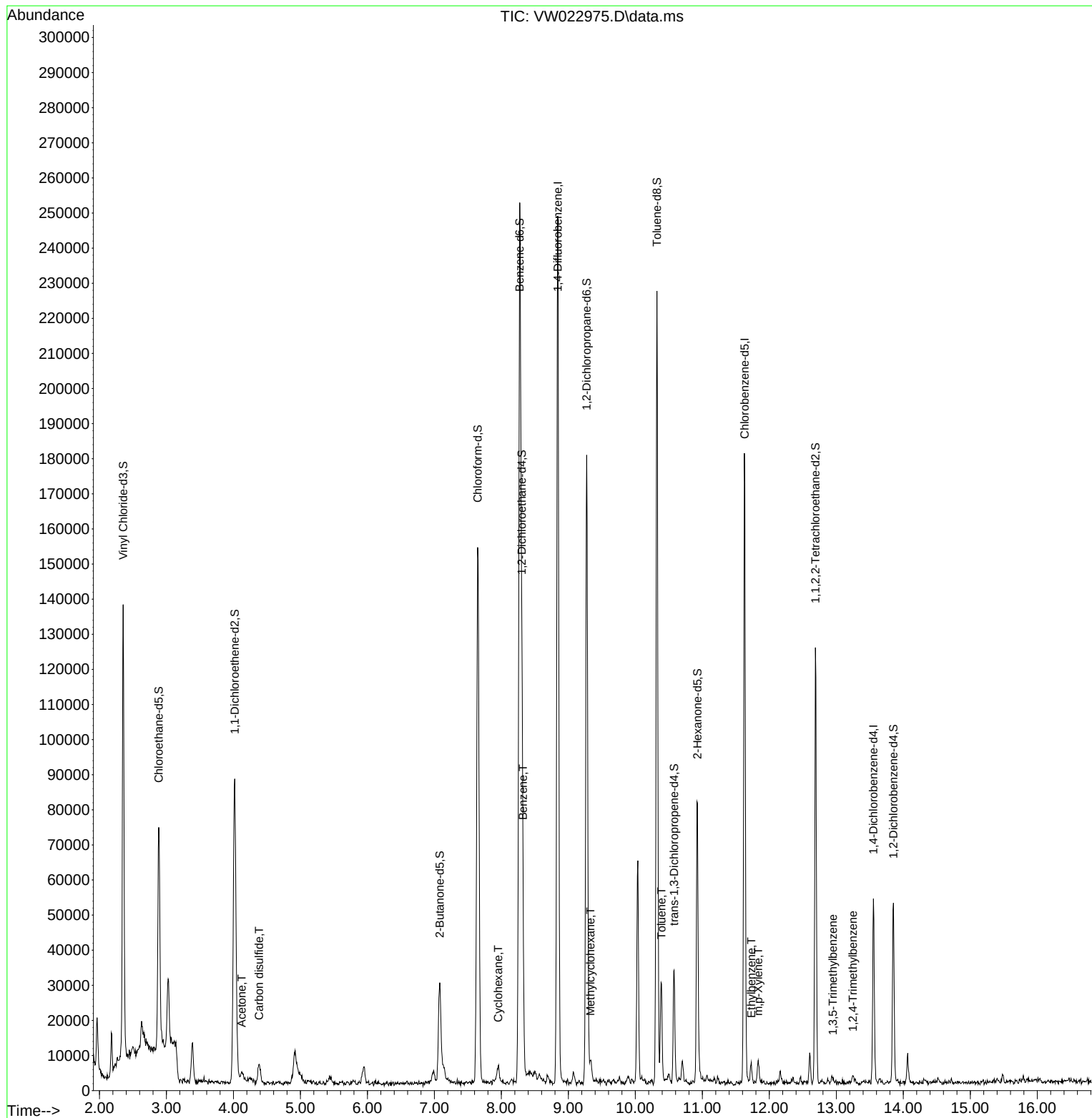
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 206305   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 96395    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 12861    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 92056    | 21.749   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.000%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 73188    | 26.578   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 106.320%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 81073    | 14.824   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 59.280%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 46053    | 57.226   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 114.460%  |
| 24) Chloroform-d              | 7.647  | 84    | 151058   | 24.992   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 99.960%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 79587    | 24.008   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 96.040%   |
| 32) Benzene-d6                | 8.275  | 84    | 249193   | 44.850   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 179.400%# |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 79042    | 50.644   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 202.560%# |
| 41) Toluene-d8                | 10.323 | 98    | 145378   | 27.086   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 108.360%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 17461    | 24.298   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 97.200%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 27953    | 93.820   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 187.640%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 58436    | 40.170   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 160.680%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 12383    | 27.544   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 110.160%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.123  | 43    | 4061     | 6.740    | ug/L   | 97        |
| 14) Carbon disulfide          | 4.385  | 76    | 11894    | 1.642    | ug/L # | 94        |
| 29) Cyclohexane               | 7.951  | 56    | 1755     | 0.842    | ug/L # | 94        |
| 33) Benzene                   | 8.323  | 78    | 9465     | 1.667    | ug/L   | 100       |
| 35) Methylcyclohexane         | 9.329  | 83    | 1720     | 0.670    | ug/L # | 40        |
| 42) Toluene                   | 10.390 | 91    | 20638    | 3.243    | ug/L   | 100       |
| 52) Ethylbenzene              | 11.731 | 91    | 3434     | 0.485    | ug/L   | 94        |
| 53) m,p-Xylene                | 11.835 | 106   | 1755     | 0.629    | ug/L   | 94        |
| 62) 1,3,5-Trimethylbenzene    | 12.951 | 105   | 679      | 0.693    | ug/L   | 94        |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 1270     | 0.863    | ug/L   | 96        |
| -----                         |        |       |          |          |        |           |

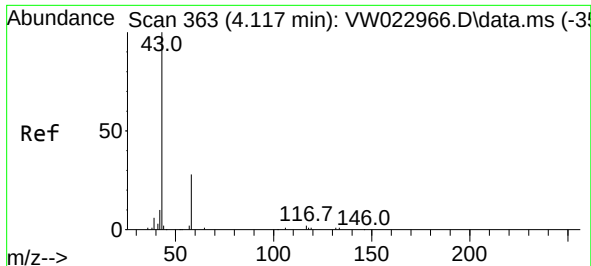
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Thu May 12 01:07:03 2022  
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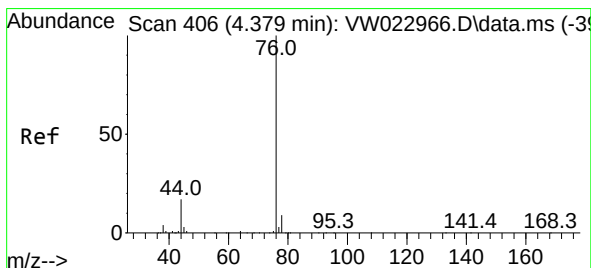
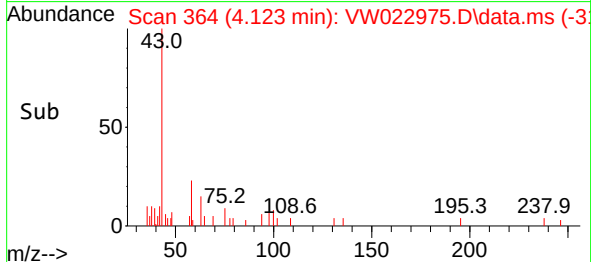
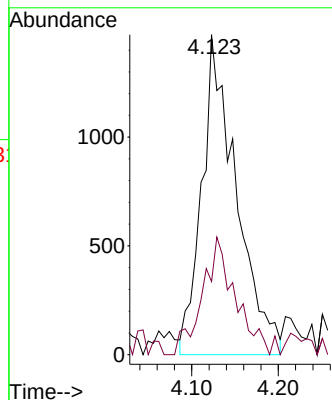
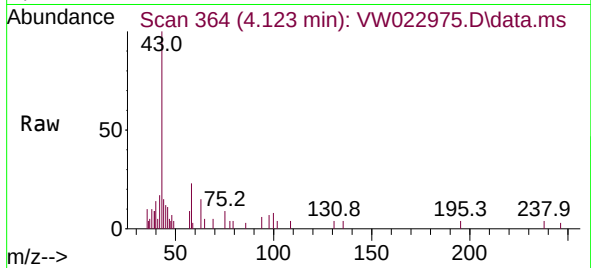




#13  
Acetone  
Concen: 6.740 ug/L  
RT: 4.123 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW022975.D  
Acq: 11 May 2022 12:53

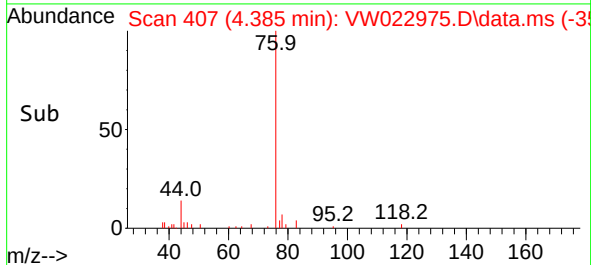
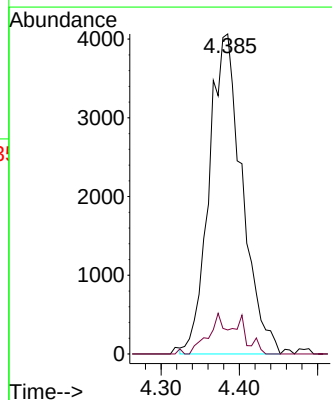
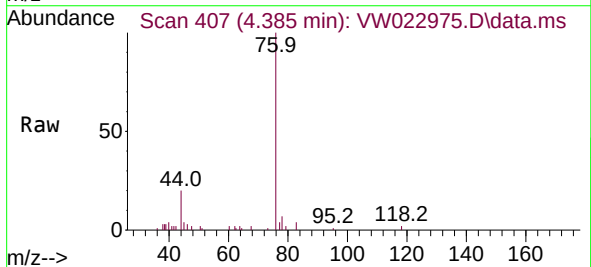
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F5RE

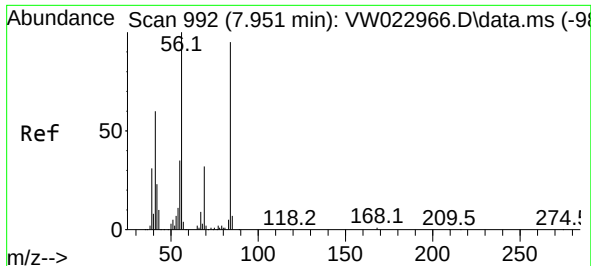
Tgt Ion: 43 Resp: 4061  
Ion Ratio Lower Upper  
43 100  
58 30.5 0.0 64.0



#14  
Carbon disulfide  
Concen: 1.642 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VW022975.D  
Acq: 11 May 2022 12:53

Tgt Ion: 76 Resp: 11894  
Ion Ratio Lower Upper  
76 100  
78 7.5 7.7 11.5#





#29

Cyclohexane

Concen: 0.842 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW022975.D

Acq: 11 May 2022 12:53

Instrument :

MSVOA\_W

ClientSampleId :

EW4F5RE

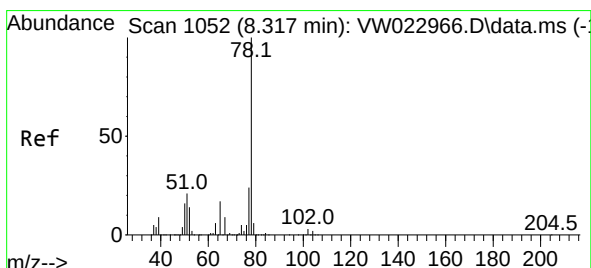
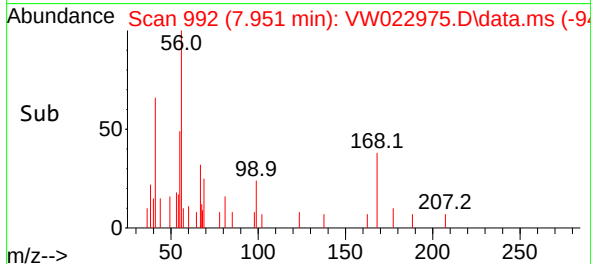
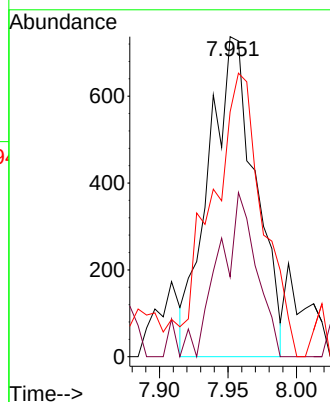
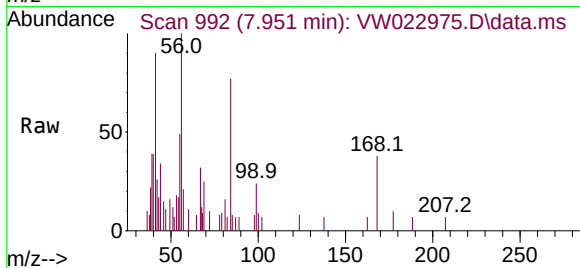
Tgt Ion: 56 Resp: 1755

Ion Ratio Lower Upper

56 100

69 23.8 25.6 38.4#

84 95.3 78.2 117.4



#33

Benzene

Concen: 1.667 ug/L

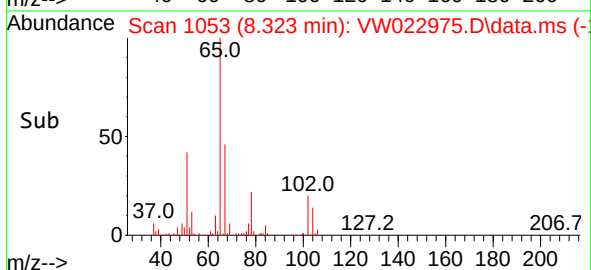
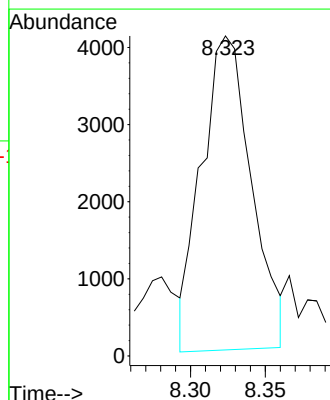
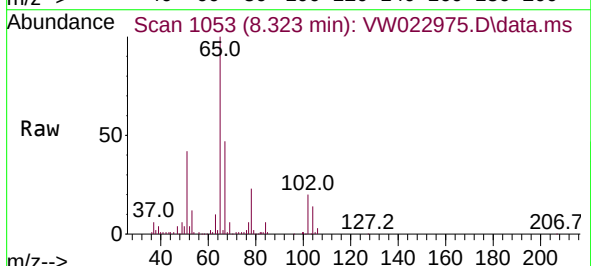
RT: 8.323 min Scan# 1053

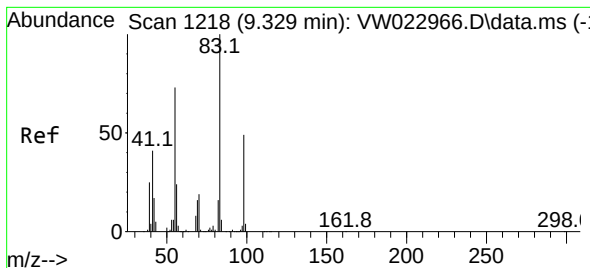
Delta R.T. 0.006 min

Lab File: VW022975.D

Acq: 11 May 2022 12:53

Tgt Ion: 78 Resp: 9465





#35

Methylcyclohexane

Concen: 0.670 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW022975.D

Acq: 11 May 2022 12:53

Instrument :

MSVOA\_W

ClientSampleId :

EW4F5RE

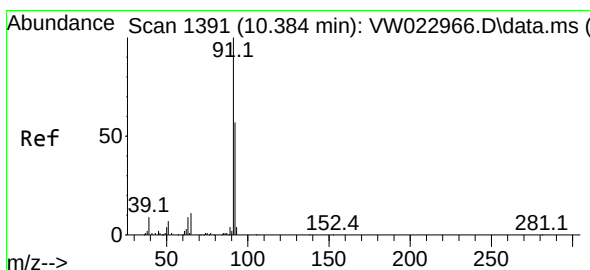
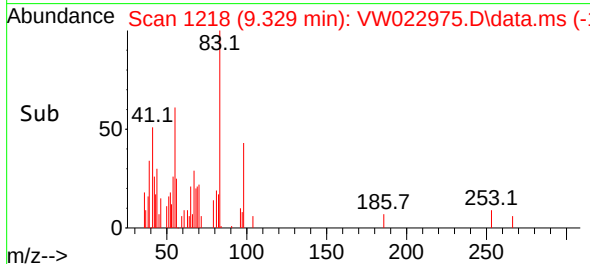
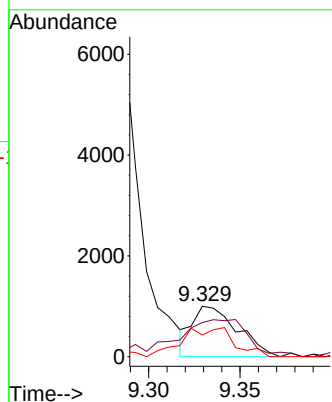
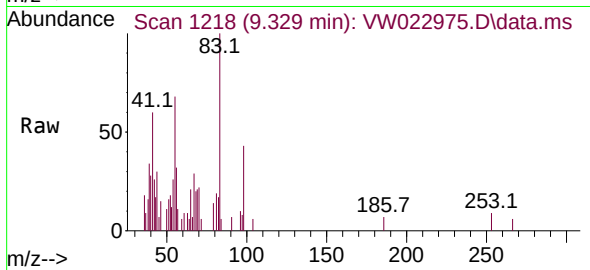
Tgt Ion: 83 Resp: 1720

Ion Ratio Lower Upper

83 100

55 0.0 55.1 82.7#

98 32.4 40.4 60.6#



#42

Toluene

Concen: 3.243 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022975.D

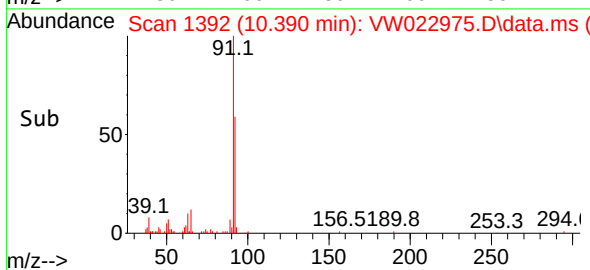
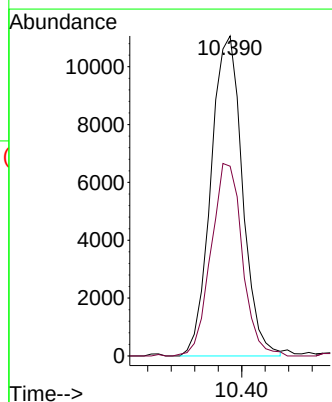
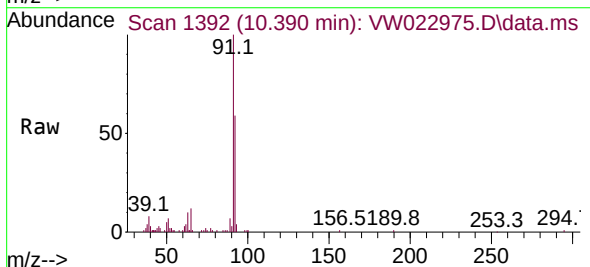
Acq: 11 May 2022 12:53

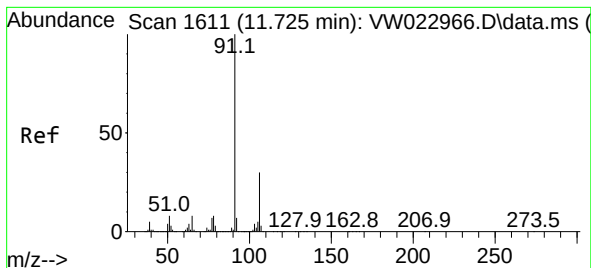
Tgt Ion: 91 Resp: 20638

Ion Ratio Lower Upper

91 100

92 59.3 41.6 77.2

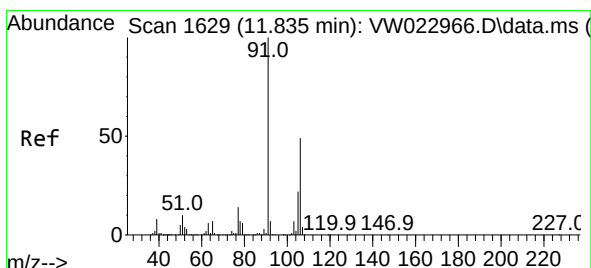
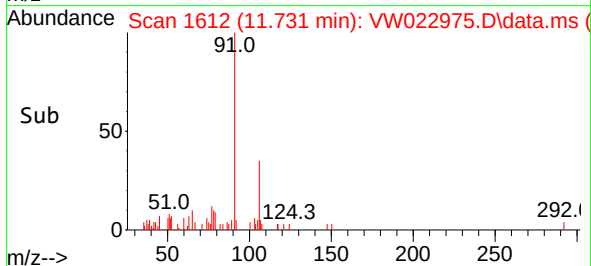
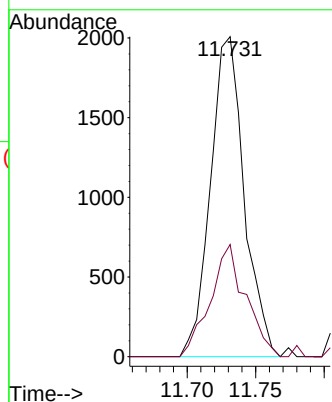
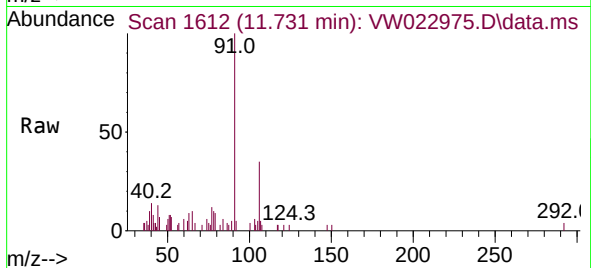




#52  
Ethylbenzene  
Concen: 0.485 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.006 min  
Lab File: VW022975.D  
Acq: 11 May 2022 12:53

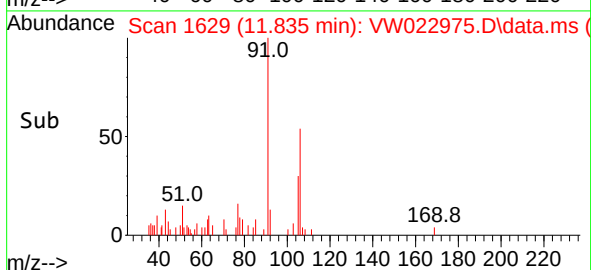
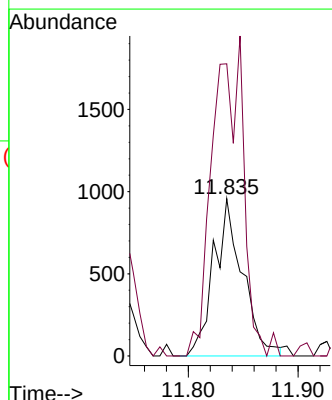
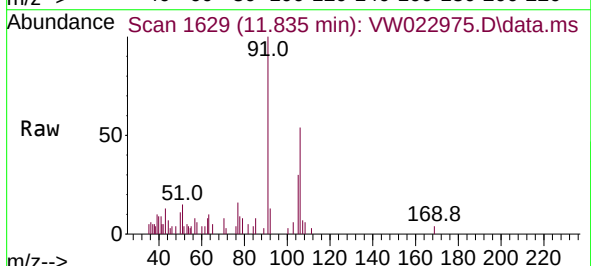
Instrument :  
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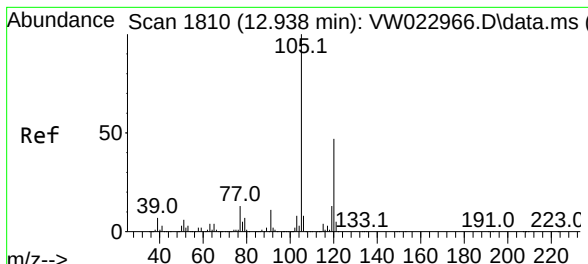
Tgt Ion: 91 Resp: 3434  
Ion Ratio Lower Upper  
91 100  
106 35.1 22.3 41.3



#53  
m,p-Xylene  
Concen: 0.629 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VW022975.D  
Acq: 11 May 2022 12:53

Tgt Ion: 106 Resp: 1755  
Ion Ratio Lower Upper  
106 100  
91 185.8 136.8 254.0



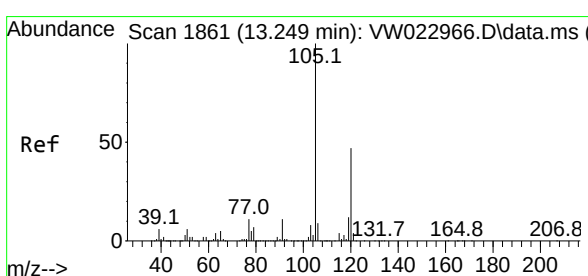
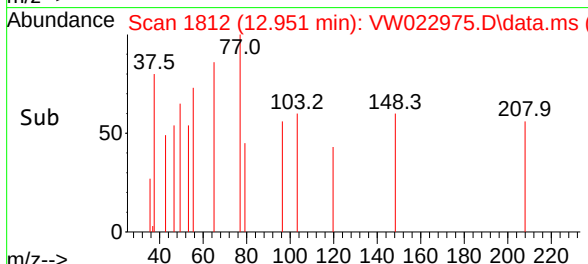
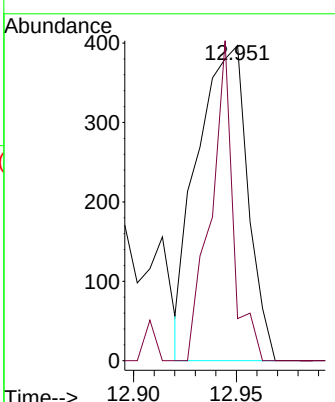
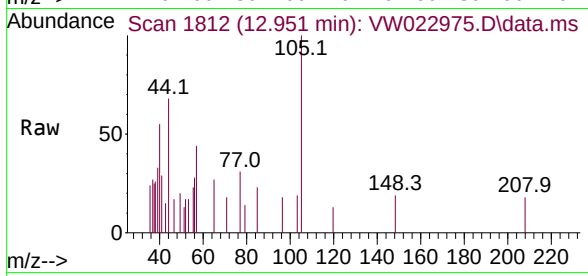


#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.693 ug/L  
 RT: 12.951 min Scan# 1812  
 Delta R.T. 0.012 min  
 Lab File: VW022975.D  
 Acq: 11 May 2022 12:53

Instrument :  
 MSVOA\_W  
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 EW4F5RE

Tgt Ion:105 Resp: 679

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 44.6  | 38.9  | 58.3  |



#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.863 ug/L  
 RT: 13.249 min Scan# 1861  
 Delta R.T. -0.000 min  
 Lab File: VW022975.D  
 Acq: 11 May 2022 12:53

Tgt Ion:105 Resp: 1270

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 49.7  | 37.4  | 56.2  |

