

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042622\  
 Data File : VW022630.D  
 Acq On : 26 Apr 2022 17:26  
 Operator : SY/VA  
 Sample : N2562-08RE  
 Misc : 5.13g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW469RE

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/27/2022  
 Supervised By :Mahesh Dadoda 04/29/2022

Quant Time: Apr 27 01:40:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 27 01:34:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 298765     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 237464     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 71282      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 91774      | 13.895    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 55.600%   |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 79120      | 19.114    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.440%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 93440m     | 10.908    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 43.640%#  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 94560      | 82.004    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 164.000%# |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 202440     | 21.678    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 86.720%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 129001m    | 24.177    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 96.720%   |        |          |
| 32) Benzene-d6                | 8.274          | 84   | 347294     | 23.938    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 95.760%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 116021     | 27.634    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 110.520%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 271829     | 19.131    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 76.520%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 41151      | 20.768    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 83.080%   |        |          |
| 47) 2-Hexanone-d5             | 10.920         | 63   | 74526      | 95.407    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 190.820%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 131763     | 36.909    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 147.640%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 67128      | 26.587    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 106.360%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 3116       | 3.969     | ug/L   | 56       |
| 29) Cyclohexane               | 7.957          | 56   | 9476       | 1.394     | ug/L # | 60       |
| 33) Benzene                   | 8.329          | 78   | 38516      | 2.389     | ug/L   | 100      |
| 35) Methylcyclohexane         | 9.329          | 83   | 14105      | 1.821     | ug/L   | 97       |
| 42) Toluene                   | 10.384         | 91   | 140960     | 7.630     | ug/L   | 98       |
| 52) Ethylbenzene              | 11.725         | 91   | 29919      | 1.445     | ug/L   | 97       |
| 53) m,p-Xylene                | 11.835         | 106  | 13224      | 1.680     | ug/L   | 97       |
| 54) o-Xylene                  | 12.164         | 106  | 5175       | 0.688     | ug/L   | 88       |
| 62) 1,3,5-Trimethylbenzene    | 12.932         | 105  | 2333       | 0.358     | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249         | 105  | 6885       | 0.695     | ug/L   | 96       |
| -----                         |                |      |            |           |        |          |

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

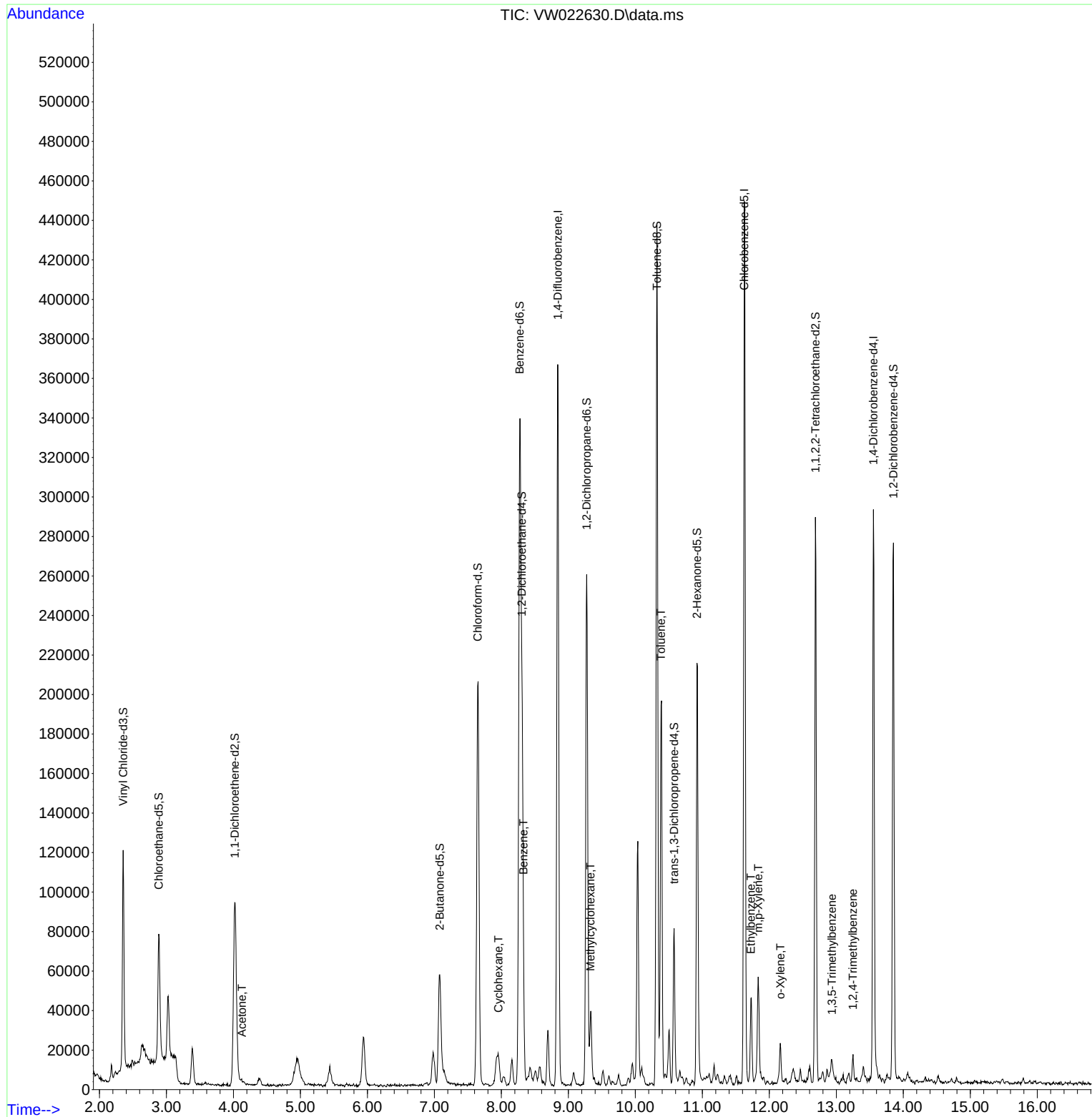
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042622\  
Data File : VW022630.D  
Acq On : 26 Apr 2022 17:26  
Operator : SY/VA  
Sample : N2562-08RE  
Misc : 5.13g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

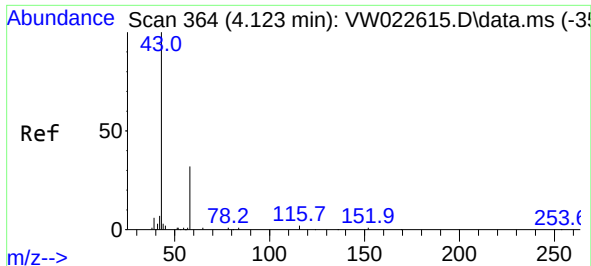
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW469RE

Manual Integrations  
APPROVED

Reviewed By : Semsettin Yesilyurt 04/27/2022  
Supervised By : Mahesh Dadoda 04/29/2022

Quant Time: Apr 27 01:40:53 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Apr 27 01:34:11 2022  
Response via : Initial Calibration





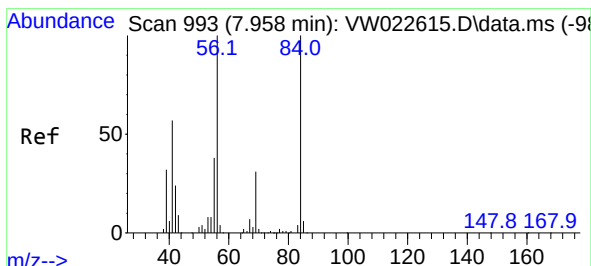
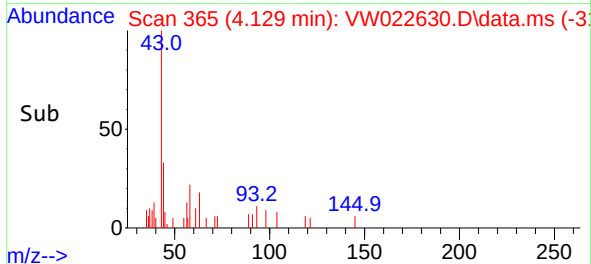
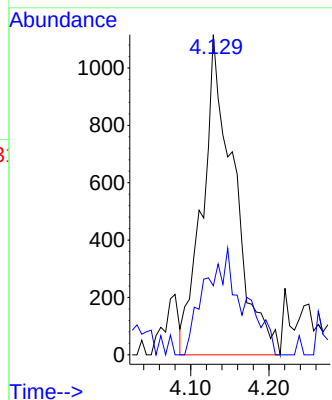
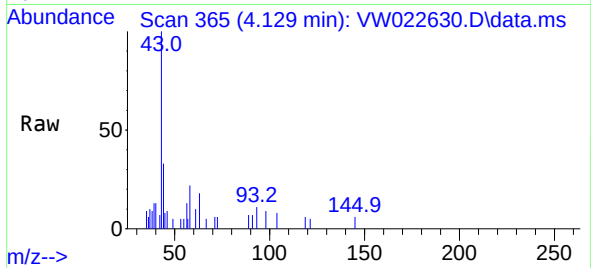
#13  
Acetone  
Concen: 3.969 ug/L  
RT: 4.129 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW469RE

Tgt Ion: 43 Resp: 3110  
Ion Ratio Lower Upper  
43 100  
58 4.9 0.0 57.0

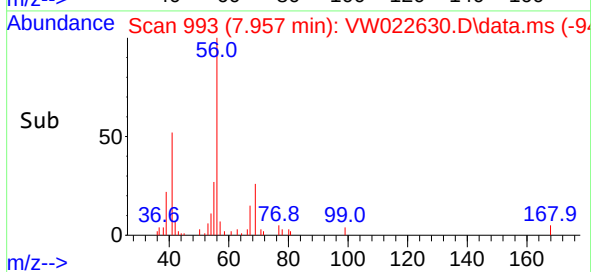
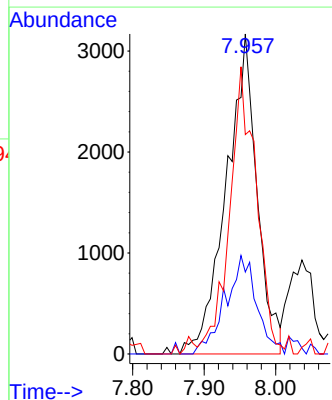
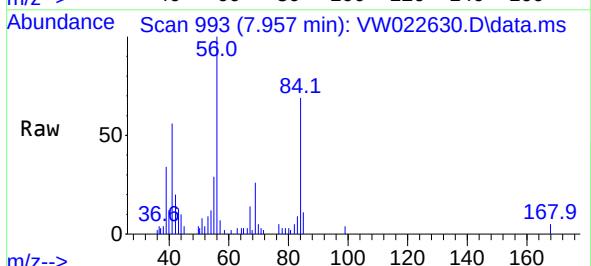
Manual Integrations  
APPROVED

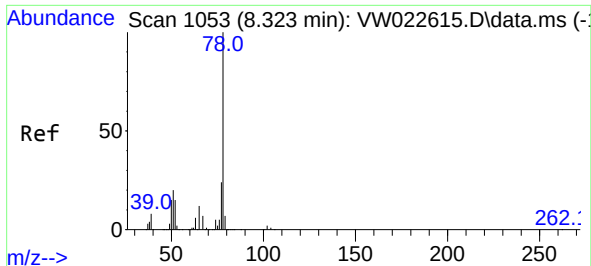
Reviewed By :Semsettin Yesilyurt 04/27/2022  
Supervised By :Mahesh Dadoda 04/29/2022



#29  
Cyclohexane  
Concen: 1.394 ug/L  
RT: 7.957 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

Tgt Ion: 56 Resp: 9476  
Ion Ratio Lower Upper  
56 100  
69 22.8 24.4 36.6#  
84 44.8 72.6 108.8#





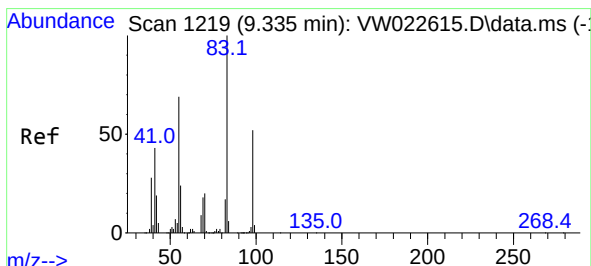
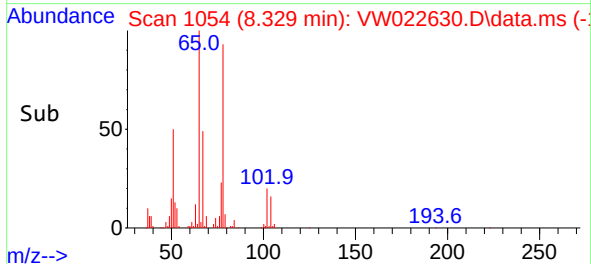
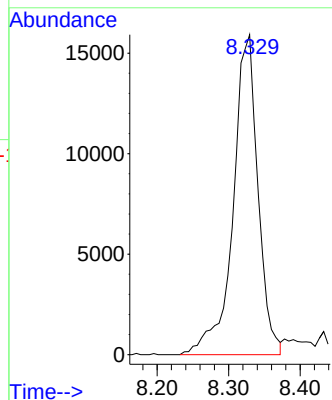
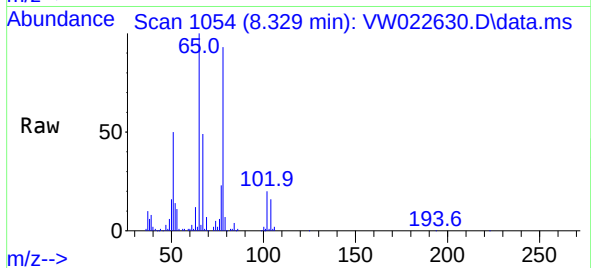
#33  
Benzene  
Concen: 2.389 ug/L  
RT: 8.329 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW469RE

Tgt Ion: 78 Resp: 38510

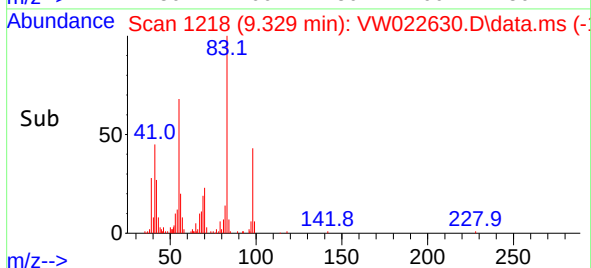
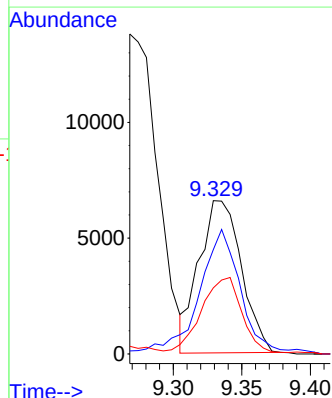
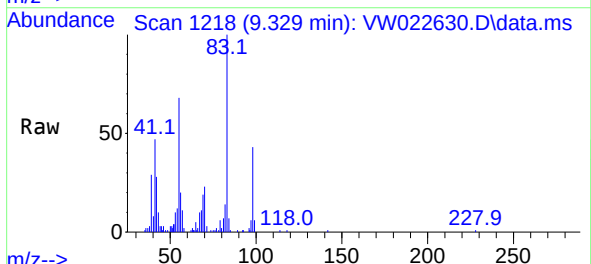
Manual Integrations  
APPROVED

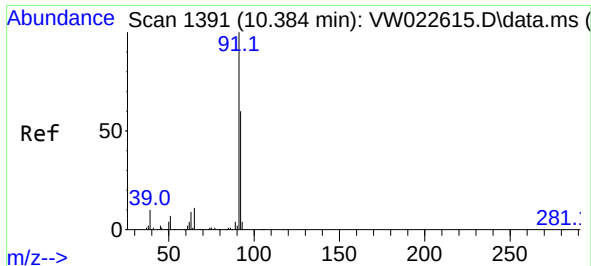
Reviewed By :Semsettin Yesilyurt 04/27/2022  
Supervised By :Mahesh Dadoda 04/29/2022



#35  
Methylcyclohexane  
Concen: 1.821 ug/L  
RT: 9.329 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

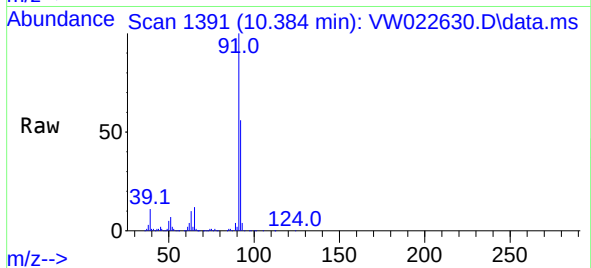
Tgt Ion: 83 Resp: 14105  
Ion Ratio Lower Upper  
83 100  
55 80.8 61.0 91.6  
98 48.9 39.2 58.8





#42  
Toluene  
Concen: 7.630 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

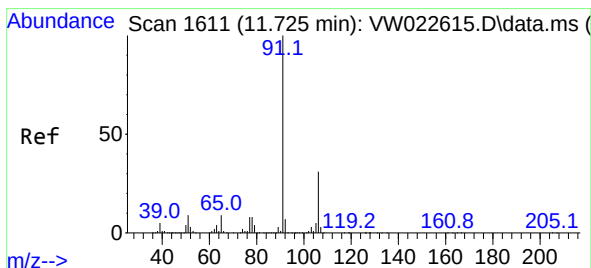
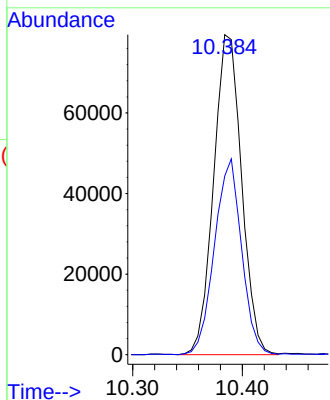
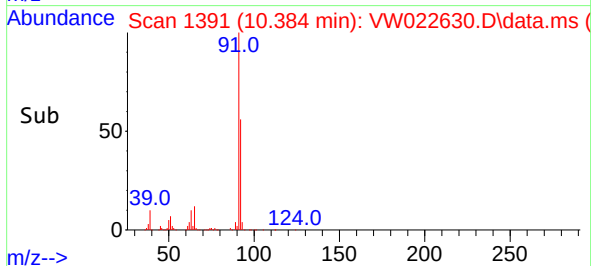
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW469RE



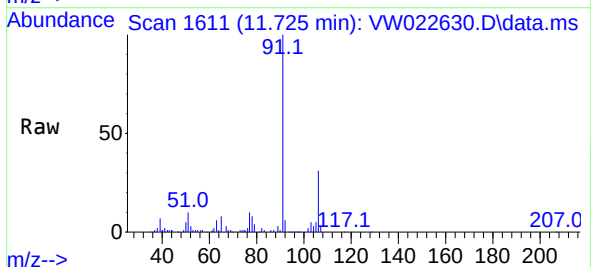
Tgt Ion: 91 Resp: 140960  
Ion Ratio Lower Upper  
91 100  
92 55.9 38.0 70.6

Manual Integrations  
APPROVED

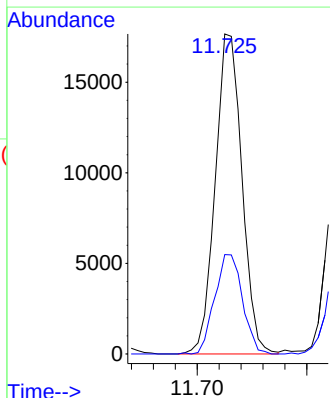
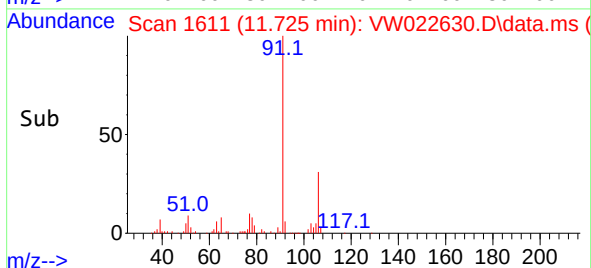
Reviewed By :Semsettin Yesilyurt 04/27/2022  
Supervised By :Mahesh Dadoda 04/29/2022

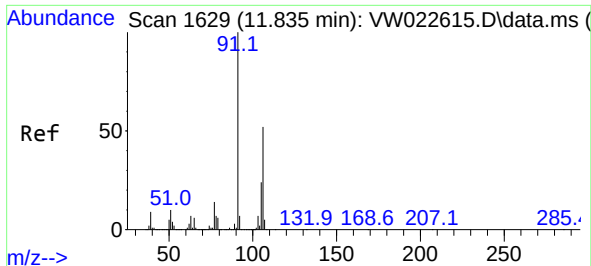


#52  
Ethylbenzene  
Concen: 1.445 ug/L  
RT: 11.725 min Scan# 1611  
Delta R.T. -0.000 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26



Tgt Ion: 91 Resp: 29919  
Ion Ratio Lower Upper  
91 100  
106 31.0 20.5 38.1





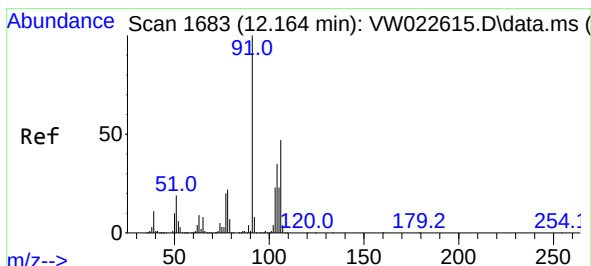
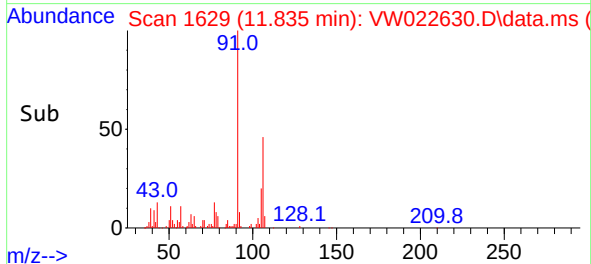
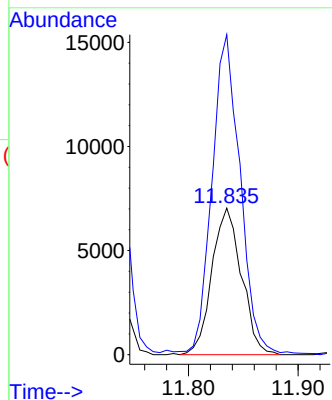
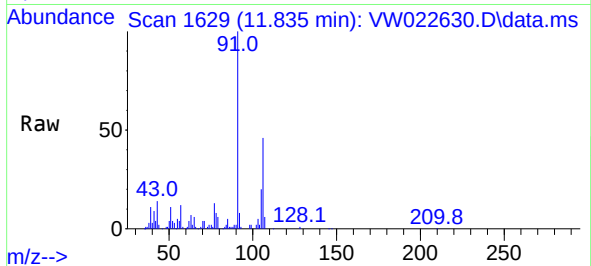
#53  
m,p-Xylene  
Concen: 1.680 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW469RE

Tgt Ion:106 Resp: 13224  
Ion Ratio Lower Upper  
106 100  
91 218.2 149.9 278.5

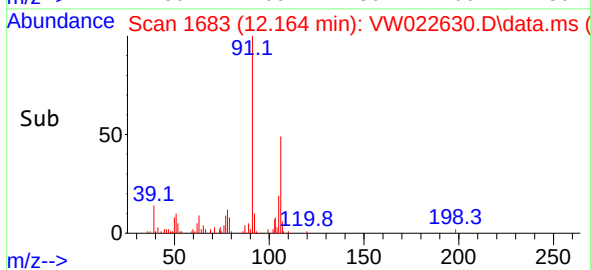
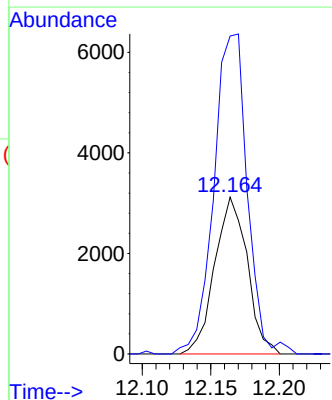
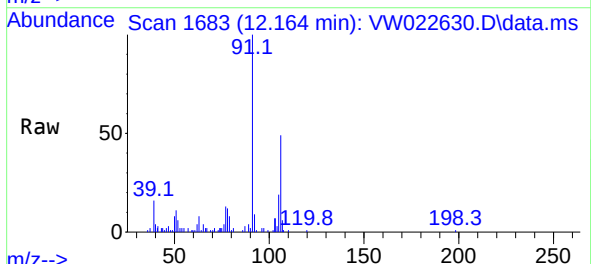
Manual Integrations  
APPROVED

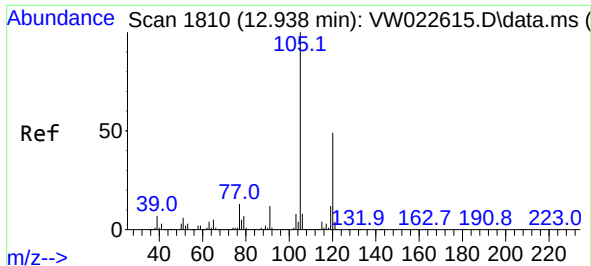
Reviewed By :Semsettin Yesilyurt 04/27/2022  
Supervised By :Mahesh Dadoda 04/29/2022



#54  
o-Xylene  
Concen: 0.688 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

Tgt Ion:106 Resp: 5175  
Ion Ratio Lower Upper  
106 100  
91 202.8 155.3 288.3





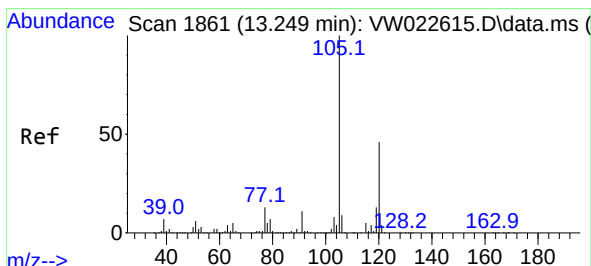
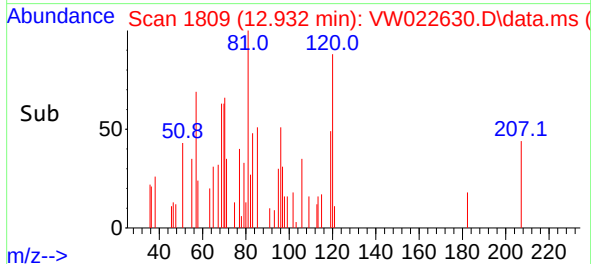
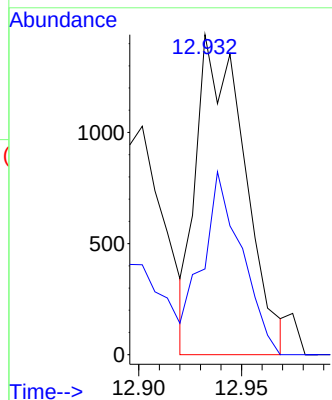
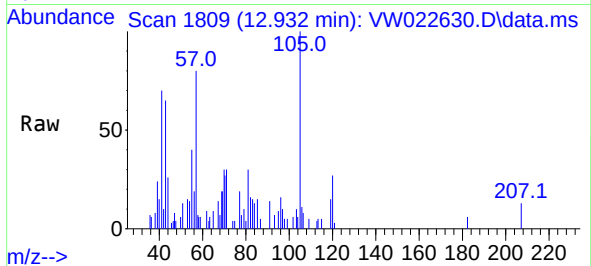
#62  
1,3,5-Trimethylbenzene  
Concen: 0.358 ug/L  
RT: 12.932 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW469RE

Tgt Ion:105 Resp: 233  
Ion Ratio Lower Upper  
105 100  
120 46.6 37.5 56.3

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 04/27/2022  
Supervised By :Mahesh Dadoda 04/29/2022



#63  
1,2,4-Trimethylbenzene  
Concen: 0.695 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW022630.D  
Acq: 26 Apr 2022 17:26

Tgt Ion:105 Resp: 6885  
Ion Ratio Lower Upper  
105 100  
120 45.2 34.2 51.2

