

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070723\  
 Data File : VW026557.D  
 Acq On : 07 Jul 2023 10:11  
 Operator : SY/MD  
 Sample : 03534-01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 08 05:37:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 08 05:36:55 2023  
 Response via : Initial Calibration

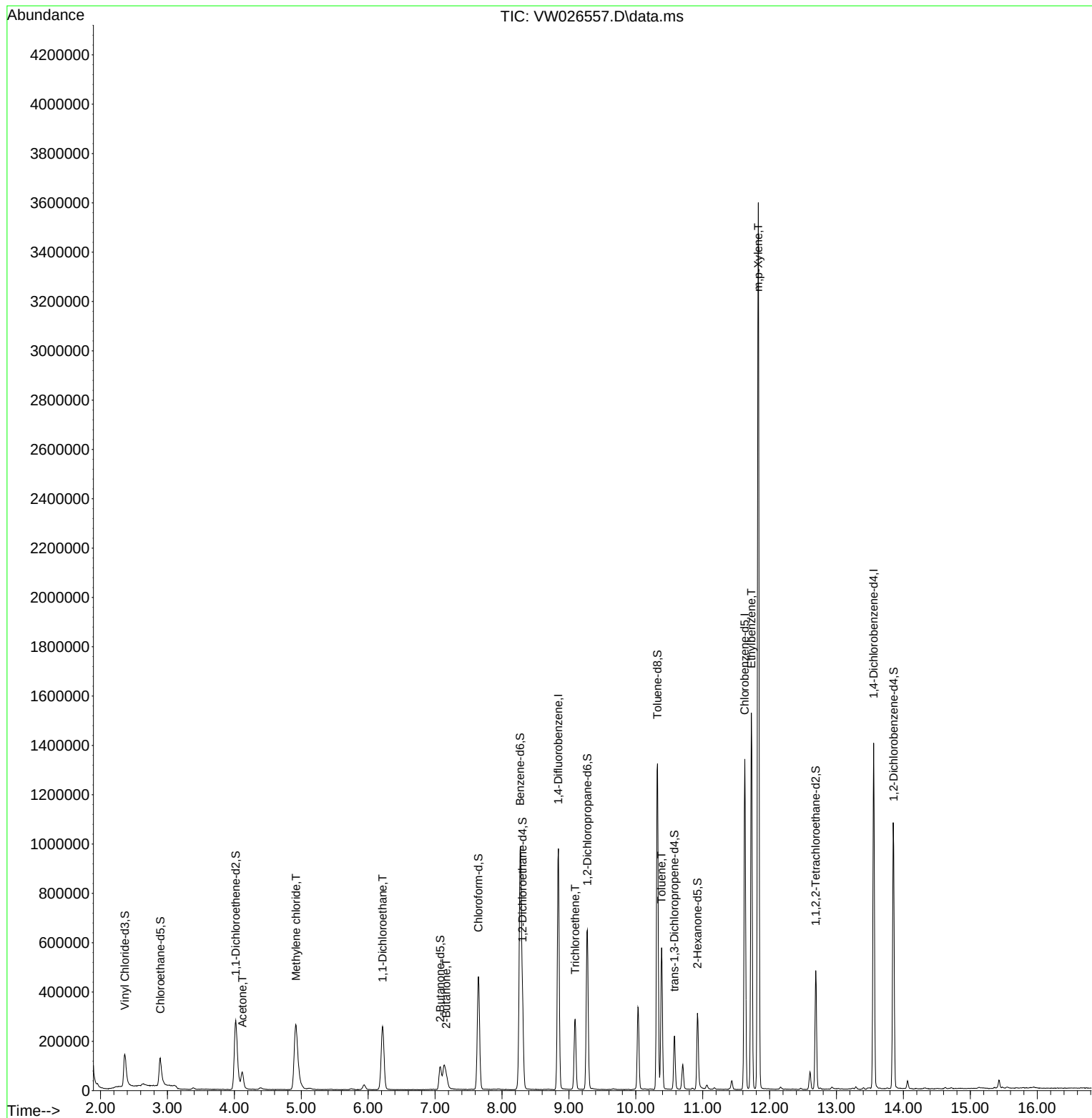
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 778687   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 701343   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 338138   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65             | 239791   | 20.479 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 81.920% |          |
| 7) Chloroethane-d5            | 2.893  | 69             | 173630   | 17.924 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 71.680% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65             | 115003   | 21.058 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 84.240% |          |
| 21) 2-Butanone-d5             | 7.075  | 46             | 173752   | 38.790 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 77.580% |          |
| 24) Chloroform-d              | 7.648  | 84             | 466202   | 20.322 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 81.280% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65             | 269146   | 20.171 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 80.680% |          |
| 32) Benzene-d6                | 8.270  | 84             | 993546   | 22.219 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 88.880% |          |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67             | 313213   | 21.969 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 87.880% |          |
| 41) Toluene-d8                | 10.325 | 98             | 872884   | 21.744 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 86.960% |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79             | 119554   | 20.676 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 82.720% |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 107763   | 37.964 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 75.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 245310   | 19.664 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 78.640% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152            | 267092   | 19.889 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 79.560% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 13) Acetone                   | 4.118  | 43             | 113558   | 40.876 | ug/L    | 100      |
| 16) Methylene chloride        | 4.923  | 84             | 246272   | 17.747 | ug/L    | 96       |
| 19) 1,1-Dichloroethane        | 6.216  | 63             | 385261   | 16.179 | ug/L    | 99       |
| 22) 2-Butanone                | 7.167  | 43             | 74225    | 14.355 | ug/L    | 100      |
| 34) Trichloroethene           | 9.093  | 95             | 104340   | 9.007  | ug/L    | 99       |
| 42) Toluene                   | 10.386 | 91             | 405070   | 8.762  | ug/L    | 100      |
| 52) Ethylbenzene              | 11.727 | 91             | 1033541  | 18.932 | ug/L    | 99       |
| 53) m,p-Xylene                | 11.830 | 106            | 938995   | 47.040 | ug/L    | 95       |

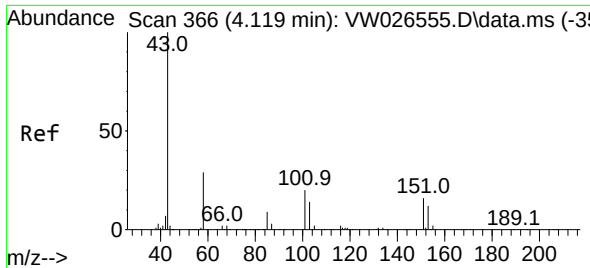
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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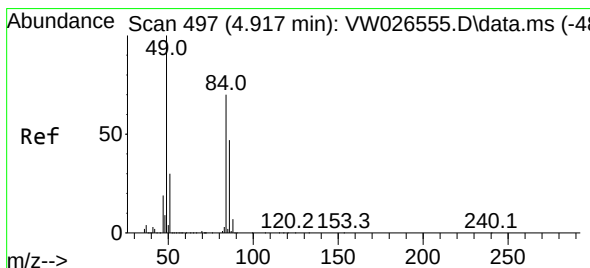
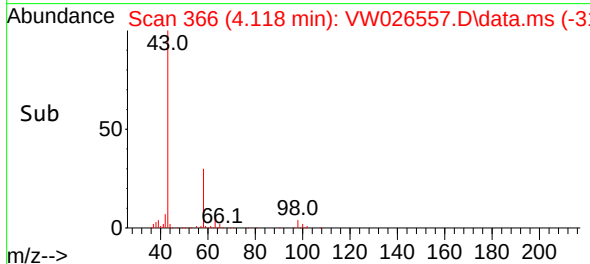
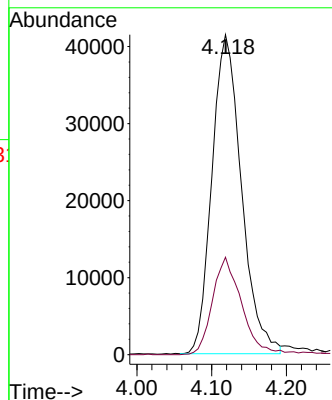
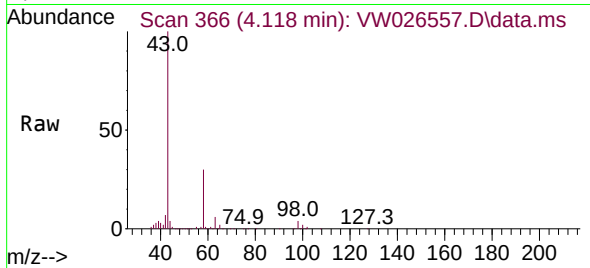




#13  
Acetone  
Concen: 40.876 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VW026557.D  
Acq: 07 Jul 2023 10:11

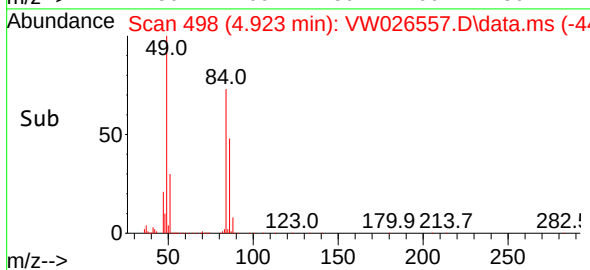
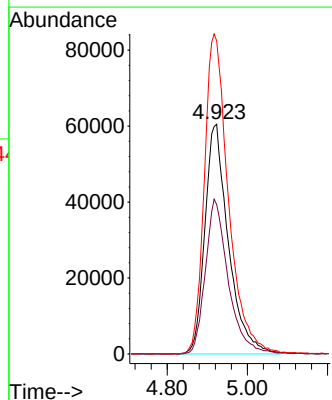
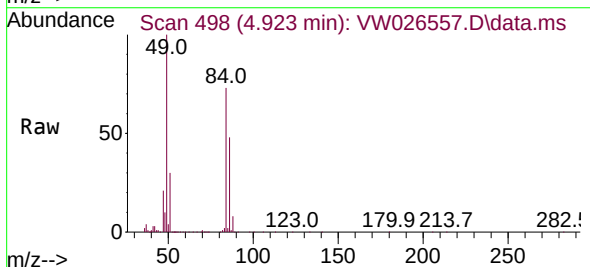
Instrument :  
MSVOA\_W  
ClientSampleId :

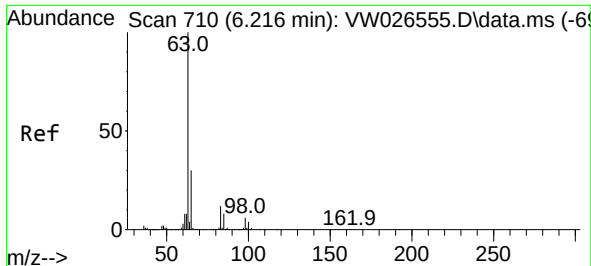
Tgt Ion: 43 Resp: 113558  
Ion Ratio Lower Upper  
43 100  
58 29.7 0.0 59.6



#16  
Methylene chloride  
Concen: 17.747 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.006 min  
Lab File: VW026557.D  
Acq: 07 Jul 2023 10:11

Tgt Ion: 84 Resp: 246272  
Ion Ratio Lower Upper  
84 100  
86 65.0 43.3 80.5  
49 136.3 99.3 184.3





#19

1,1-Dichloroethane

Concen: 16.179 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

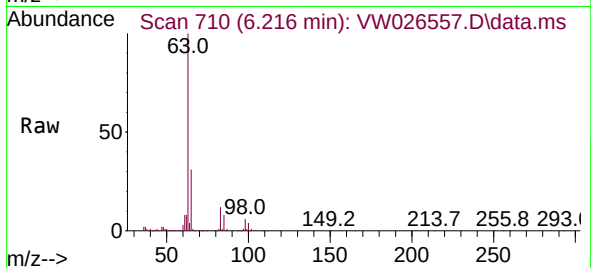
Lab File: VW026557.D

Acq: 07 Jul 2023 10:11

Instrument :

MSVOA\_W

ClientSampleId :



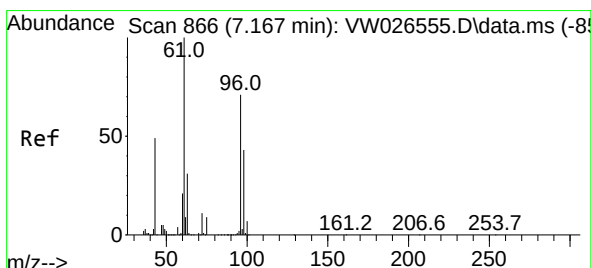
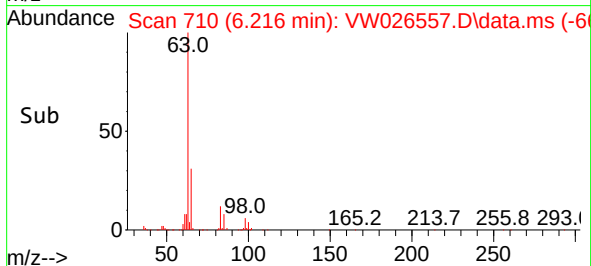
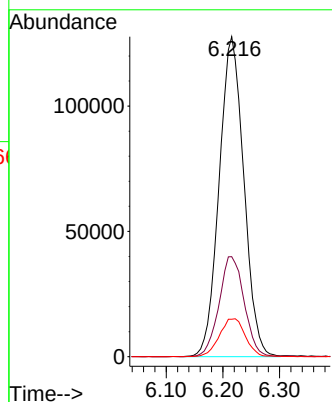
Tgt Ion: 63 Resp: 385261

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.4

83 11.7 8.6 16.0



#22

2-Butanone

Concen: 14.355 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026557.D

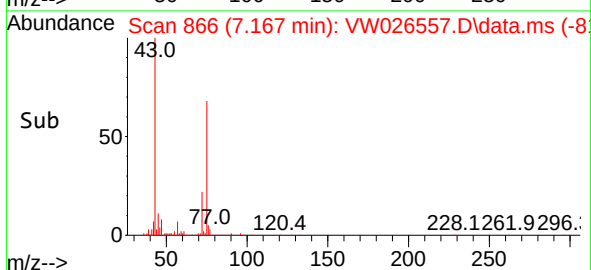
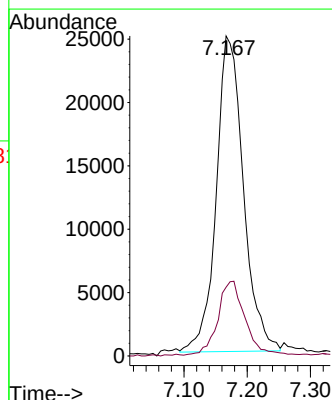
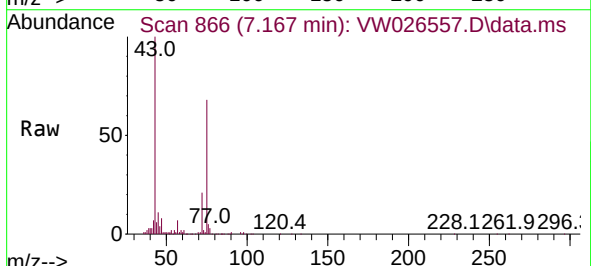
Acq: 07 Jul 2023 10:11

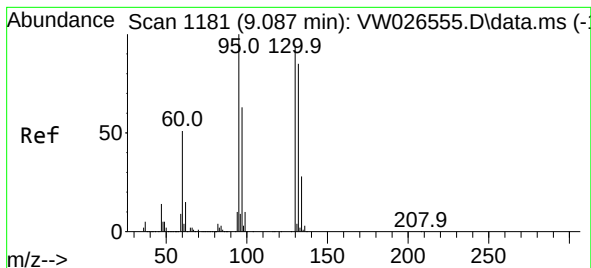
Tgt Ion: 43 Resp: 74225

Ion Ratio Lower Upper

43 100

72 24.1 12.0 36.1





#34

Trichloroethene

Concen: 9.007 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

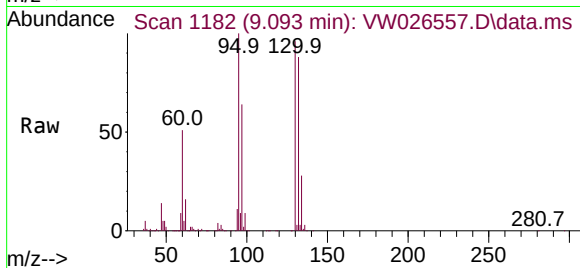
Lab File: VW026557.D

Acq: 07 Jul 2023 10:11

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 104340

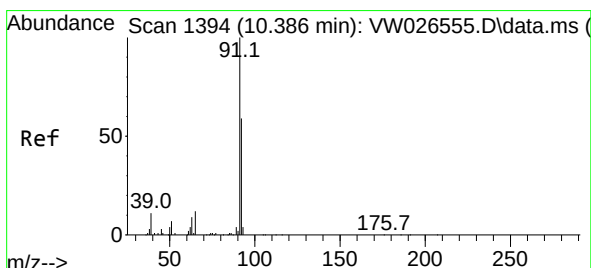
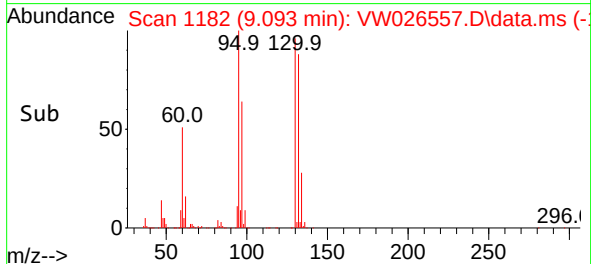
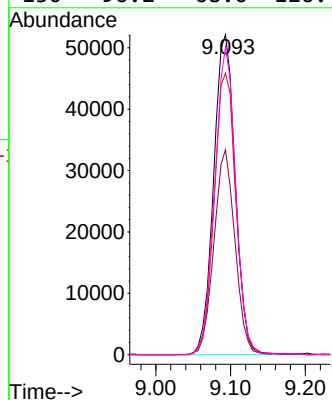
Ion Ratio Lower Upper

95 100

97 64.1 45.1 83.7

132 87.9 63.2 117.4

130 96.2 68.0 126.4



#42

Toluene

Concen: 8.762 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW026557.D

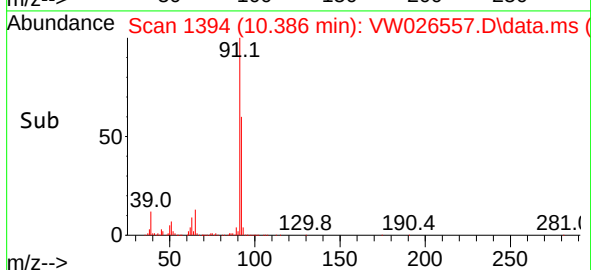
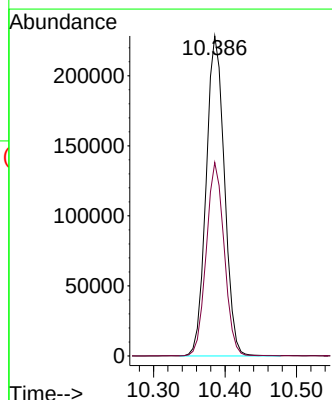
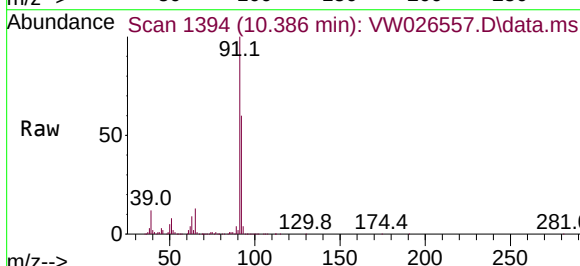
Acq: 07 Jul 2023 10:11

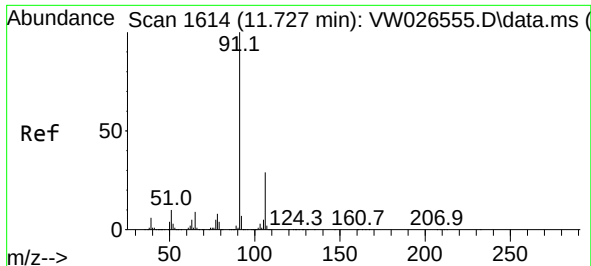
Tgt Ion: 91 Resp: 405070

Ion Ratio Lower Upper

91 100

92 60.4 42.4 78.8

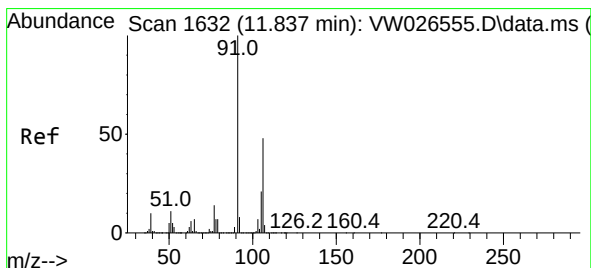
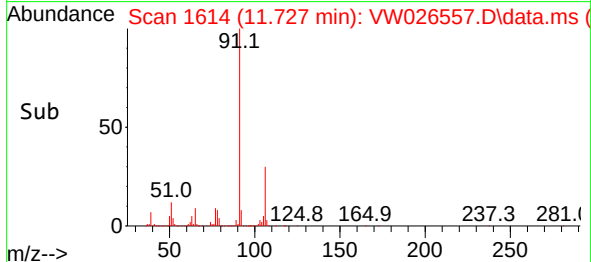
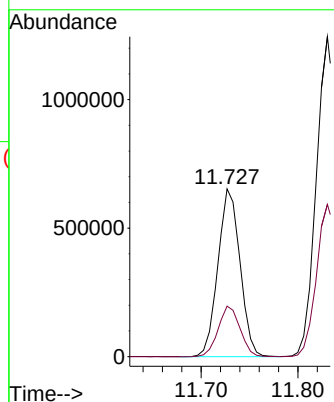
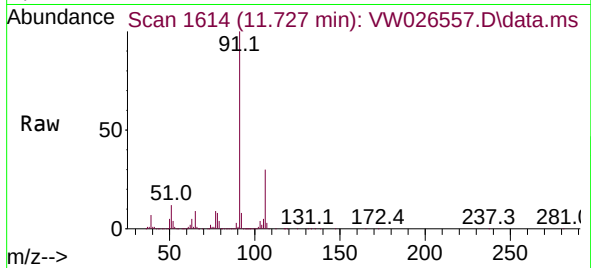




#52  
Ethylbenzene  
Concen: 18.932 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW026557.D  
Acq: 07 Jul 2023 10:11

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 91 Resp: 1033541  
Ion Ratio Lower Upper  
91 100  
106 30.1 20.7 38.5



#53  
m,p-Xylene  
Concen: 47.040 ug/L  
RT: 11.830 min Scan# 1631  
Delta R.T. -0.006 min  
Lab File: VW026557.D  
Acq: 07 Jul 2023 10:11

Tgt Ion:106 Resp: 938995  
Ion Ratio Lower Upper  
106 100  
91 210.1 152.7 283.7

