

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102021\  
 Data File : VW022932.D  
 Acq On : 20 Oct 2021 15:18  
 Operator : SY/MD  
 Sample : M4200-05  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFGES

Manual Integrations  
 APPROVED

MMDadoda  
 10/22/2021 11:29:05 AM

Quant Time: Oct 21 02:46:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 21 02:43:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 127762   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 133893   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 63010    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 30840    | 3.51     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 70.20%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 30247    | 3.83     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 49303    | 2.86     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 57.20%#  |
| 20) 2-Butanone-d5             | 3.889  | 46    | 105286   | 45.68    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.36%   |
| 24) Chloroform-d              | 4.352  | 84    | 73209    | 4.04     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 41524    | 4.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.40%   |
| 32) Benzene-d6                | 5.053  | 84    | 166358   | 4.17     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 55505    | 4.70     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.00%   |
| 41) Toluene-d8                | 7.320  | 98    | 134385   | 3.90     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.00%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 16130    | 4.12     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.40%   |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 80124    | 50.77    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.54%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 37944    | 4.75     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.00%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 57158    | 4.89     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.80%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.179  | 43    | 16040m   | 12.48    | ug/L   |          |
| 25) Chloroform                | 4.381  | 83    | 16724    | 0.95     | ug/L   | 93       |
| 33) Benzene                   | 5.108  | 78    | 3537     | 0.10     | ug/L   | 100      |
| 42) Toluene                   | 7.394  | 91    | 27726    | 0.76     | ug/L   | 97       |
| 52) Ethylbenzene              | 9.021  | 91    | 3244     | 0.09     | ug/L   | 90       |
| 53) m,p-xylene                | 9.143  | 106   | 4292     | 0.29     | ug/L   | 85       |
| 54) o-xylene                  | 9.545  | 106   | 1258     | 0.09     | ug/L # | 58       |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105   | 2302     | 0.09     | ug/L   | 87       |
| -----                         |        |       |          |          |        |          |

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

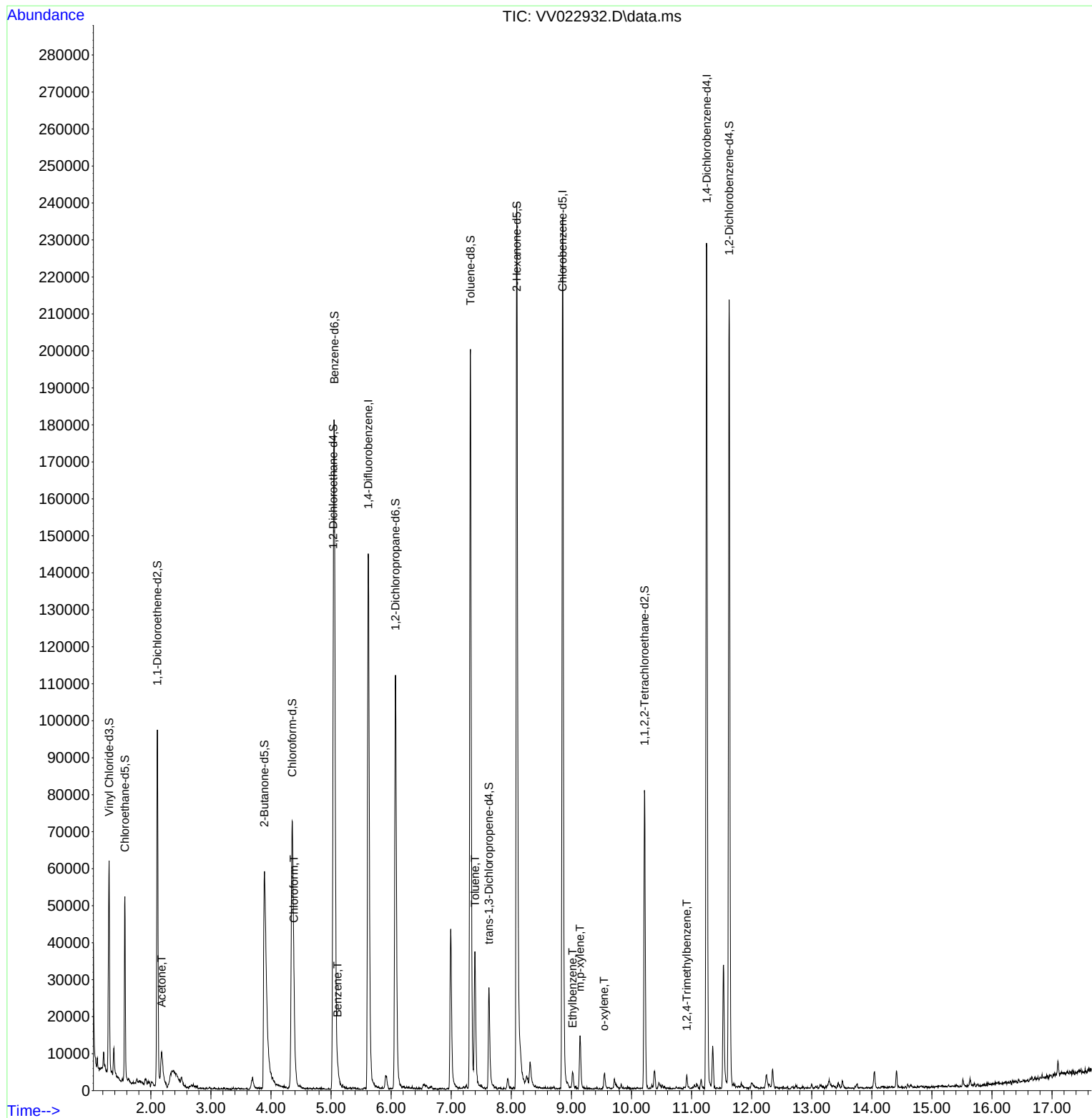
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Data File : VV022932.D  
Acq On : 20 Oct 2021 15:18  
Operator : SY/MD  
Sample : M4200-05  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 8 Sample Multiplier: 1

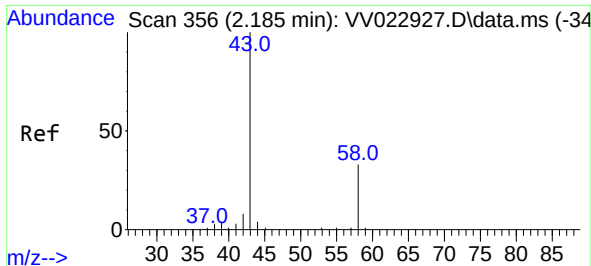
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFGES

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10/22/2021 11:29:05 AM

Quant Time: Oct 21 02:46:02 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Oct 21 02:43:59 2021  
Response via : Initial Calibration





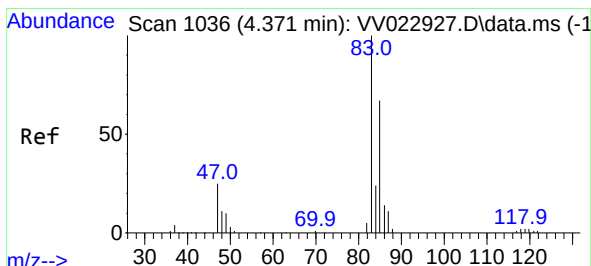
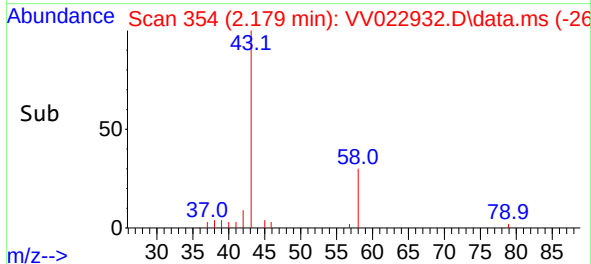
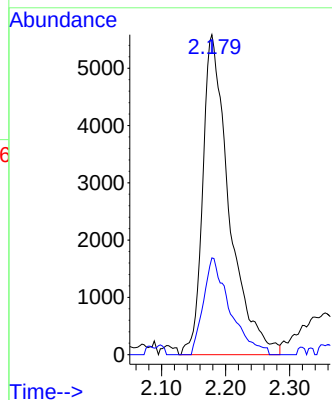
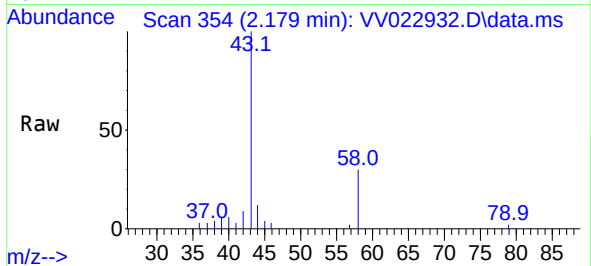
#13  
Acetone  
Concen: 12.48 ug/L m  
RT: 2.179 min Scan# 354  
Delta R.T. -0.006 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18

Instrument :  
MSVOA\_V  
ClientSampled :  
BFGES

Tgt Ion: 43 Resp: 16040  
Ion Ratio Lower Upper  
43 100  
58 1.1 0.0 24.2

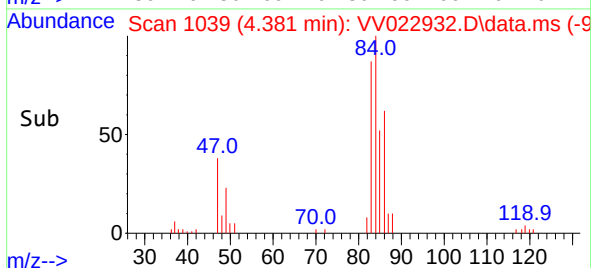
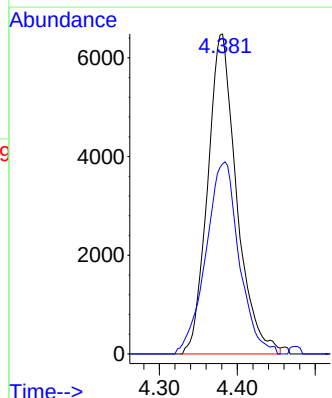
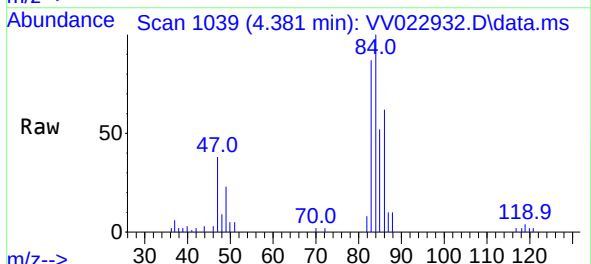
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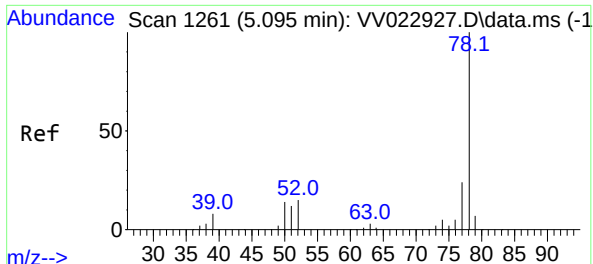
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#25  
Chloroform  
Concen: 0.95 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.010 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18

Tgt Ion: 83 Resp: 16724  
Ion Ratio Lower Upper  
83 100  
85 59.4 45.7 84.9





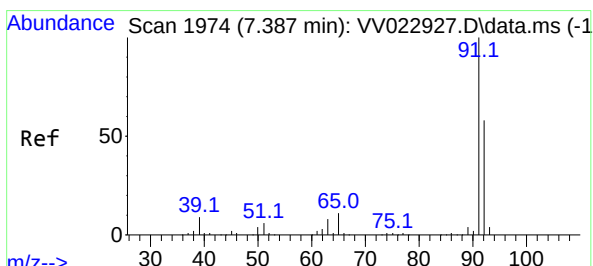
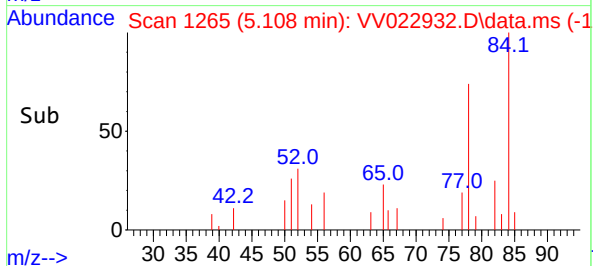
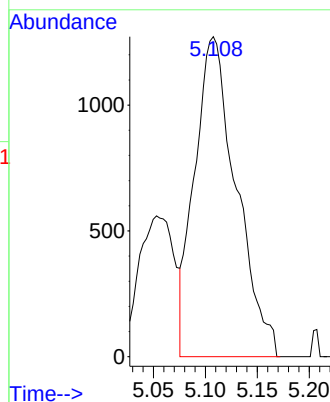
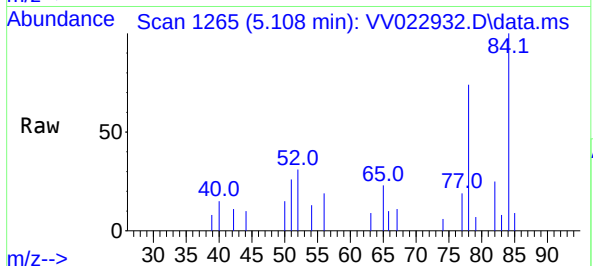
#33  
Benzene  
Concen: 0.10 ug/L  
RT: 5.108 min Scan# 1265  
Delta R.T. 0.013 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18

Tgt Ion: 78 Resp: 3537

Instrument :  
MSVOA\_V  
ClientSampled :  
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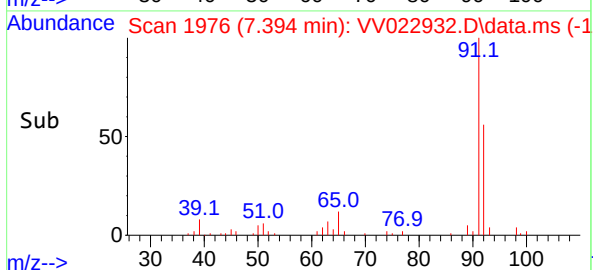
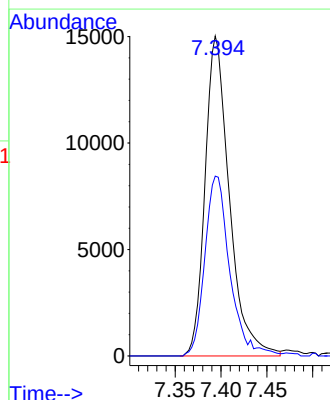
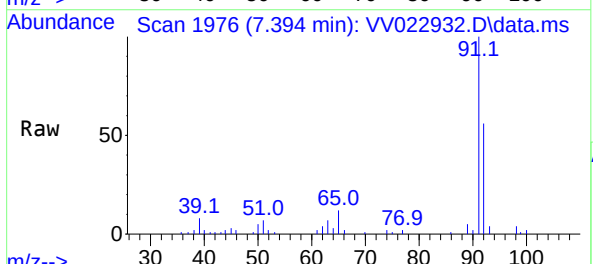
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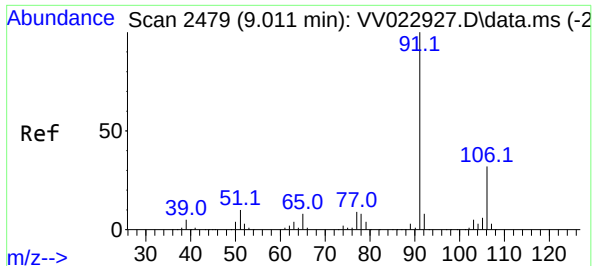
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#42  
Toluene  
Concen: 0.76 ug/L  
RT: 7.394 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18

Tgt Ion: 91 Resp: 27726  
Ion Ratio Lower Upper  
91 100  
92 56.2 40.7 75.7





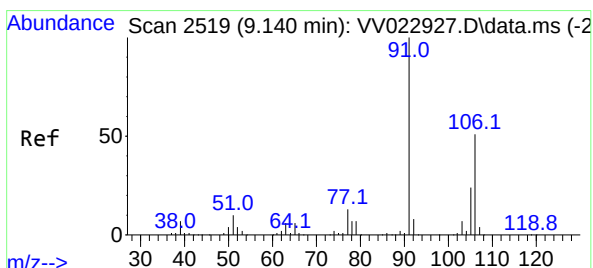
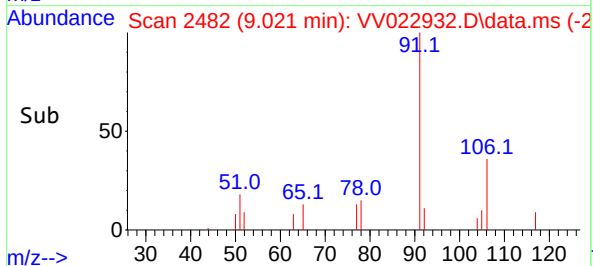
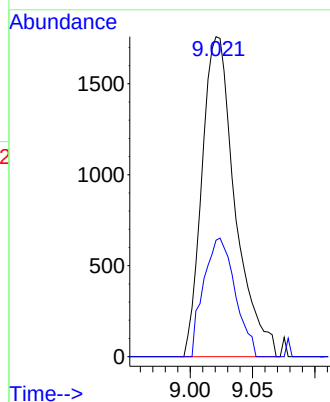
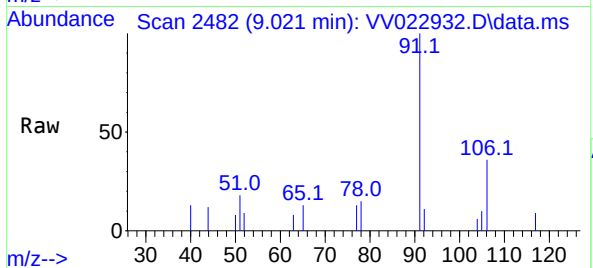
#52  
Ethylbenzene  
Concen: 0.09 ug/L  
RT: 9.021 min Scan# 2482  
Delta R.T. 0.010 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18

Tgt Ion: 91 Resp: 3244  
Ion Ratio Lower Upper  
91 100  
106 36.4 21.6 40.2

Instrument :  
MSVOA\_V  
ClientSampled :  
BFGES

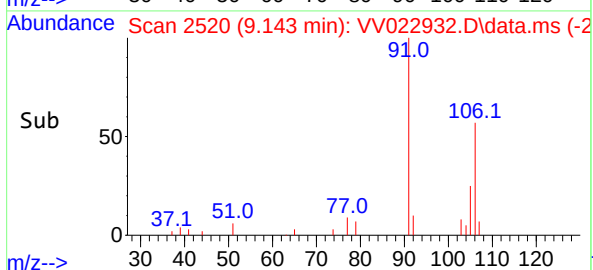
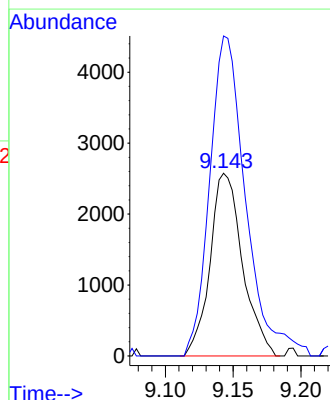
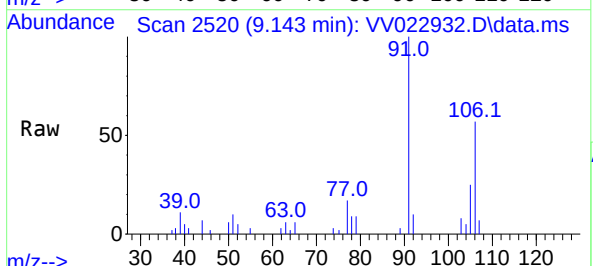
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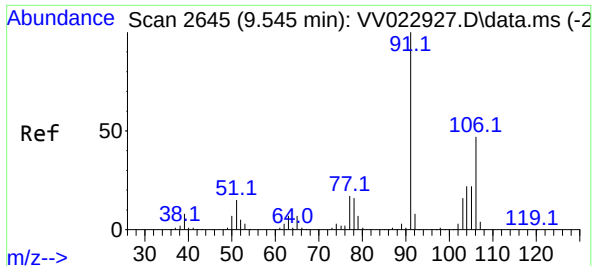
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#53  
m,p-xylene  
Concen: 0.29 ug/L  
RT: 9.143 min Scan# 2520  
Delta R.T. 0.003 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18

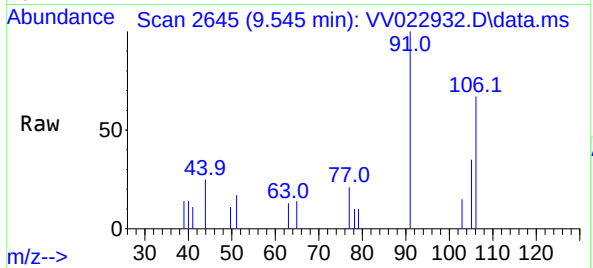
Tgt Ion: 106 Resp: 4292  
Ion Ratio Lower Upper  
106 100  
91 175.1 138.7 257.5





#54  
o-xylene  
Concen: 0.09 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. -0.000 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18

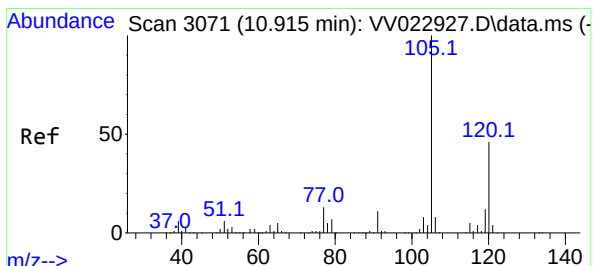
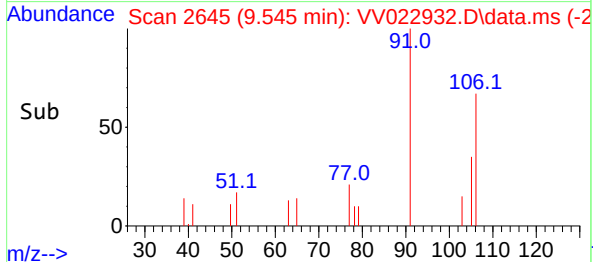
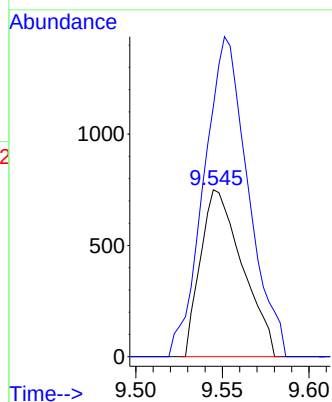
Instrument :  
MSVOA\_V  
ClientSampled :  
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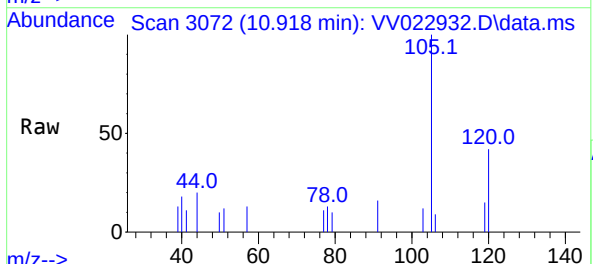
Tgt Ion:106 Resp: 1258  
Ion Ratio Lower Upper  
106 100  
91 149.9 151.1 280.7#

Manual Integrations  
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10/22/2021 11:29:05 AM



#63  
1,2,4-Trimethylbenzene  
Concen: 0.09 ug/L  
RT: 10.918 min Scan# 3072  
Delta R.T. 0.003 min  
Lab File: VV022932.D  
Acq: 20 Oct 2021 15:18



Tgt Ion:105 Resp: 2302  
Ion Ratio Lower Upper  
105 100  
120 37.8 37.3 55.9

