

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120524\  
 Data File : VX044150.D  
 Acq On : 05 Dec 2024 16:16  
 Operator : JC/MD  
 Sample : P5066-02DL 10X  
 Misc : 5.89g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

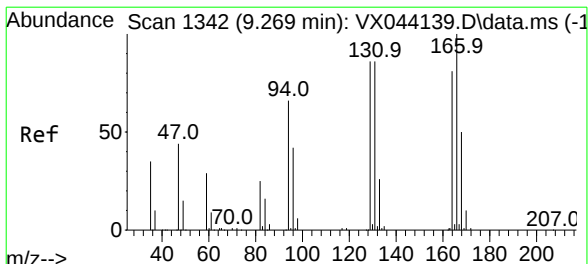
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E28M1DL

Quant Time: Dec 06 04:09:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120524WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 06 03:51:43 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 239853     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 212922     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 103241     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 80719      | 36.775  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 73.540% |        |          |
| 7) Chloroethane-d5            | 1.642          | 69   | 60737      | 35.721  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 71.440% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.288          | 65   | 35984      | 38.334  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.660% |        |          |
| 21) 2-Butanone-d5             | 4.471          | 46   | 111758     | 83.162  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 83.160% |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 163159     | 39.150  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.300% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 116109     | 39.397  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.800% |        |          |
| 32) Benzene-d6                | 5.964          | 84   | 305932     | 41.583  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.160% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 94358      | 41.305  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 82.600% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 280295     | 41.204  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.400% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 42341      | 38.569  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 77.140% |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 76289      | 85.648  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 85.650% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 133421     | 43.556  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.120% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 100994     | 41.985  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.980% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 46) Tetrachloroethene         | 9.269          | 164  | 68438      | 58.118  | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305         | 106  | 8822       | 3.228   | ug/L   | 81       |
| 54) o-Xylene                  | 10.646         | 106  | 5596       | 1.991   | ug/L   | 85       |
| 62) 1,3,5-Trimethylbenzene    | 11.451         | 105  | 21916      | 3.315   | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.750         | 105  | 78828      | 12.149  | ug/L   | 100      |
| -----                         |                |      |            |         |        |          |

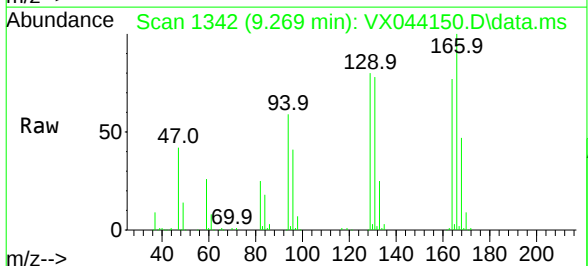
(#) = qualifier out of range (m) = manual integration (+) = signals summed



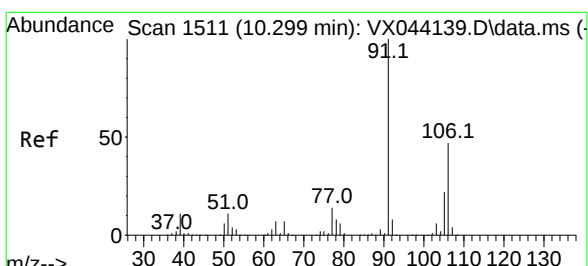
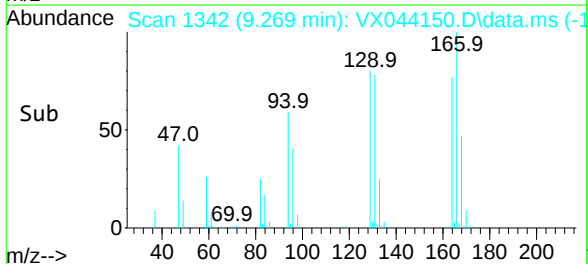
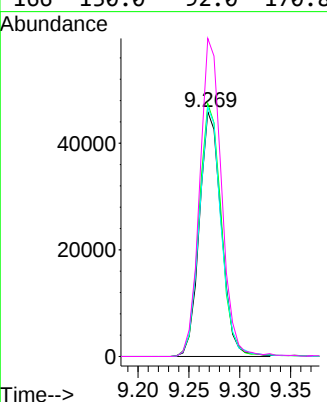


#46  
 Tetrachloroethene  
 Concen: 58.118 ug/L  
 RT: 9.269 min Scan# 13  
 Delta R.T. -0.000 min  
 Lab File: VX044150.D  
 Acq: 05 Dec 2024 16:16

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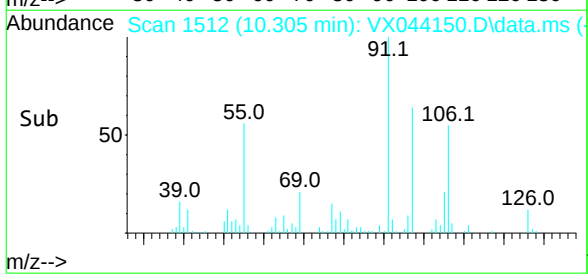
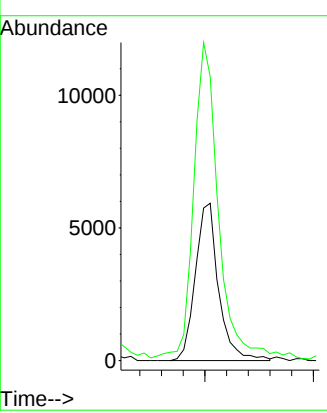
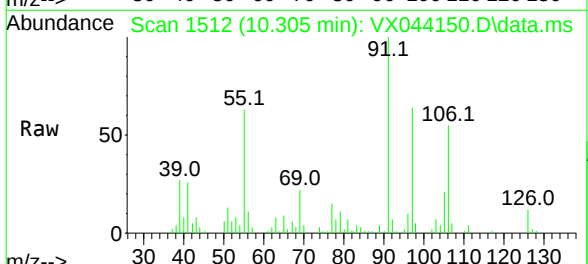


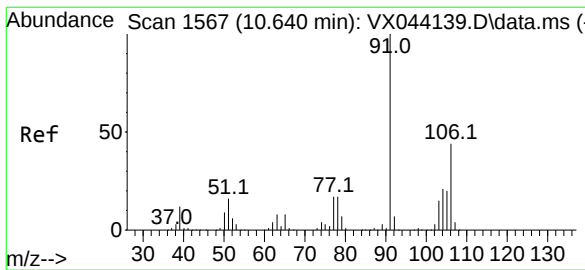
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 68438 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 103.4 | 73.6  | 136.6 |
| 131      | 101.8 | 70.2  | 130.4 |
| 166      | 130.0 | 92.0  | 170.8 |



#53  
 m,p-Xylene  
 Concen: 3.228 ug/L  
 RT: 10.305 min Scan# 1512  
 Delta R.T. 0.006 min  
 Lab File: VX044150.D  
 Acq: 05 Dec 2024 16:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 106   | Resp: | 8822  |
| Ion      | Ratio | Lower | Upper |
| 106      | 100   |       |       |
| 91       | 180.4 | 147.5 | 273.9 |





#54

o-Xylene

Concen: 1.991 ug/L

RT: 10.646 min Scan# 15

Delta R.T. 0.006 min

Lab File: VX044150.D

Acq: 05 Dec 2024 16:16

Instrument :

MSVOA\_X

ClientSampleId :

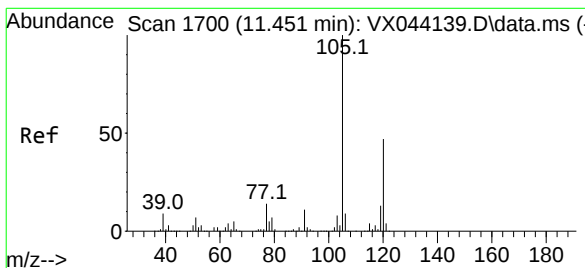
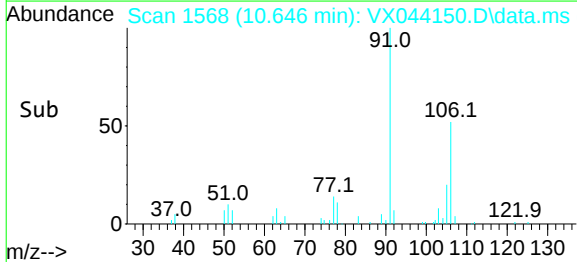
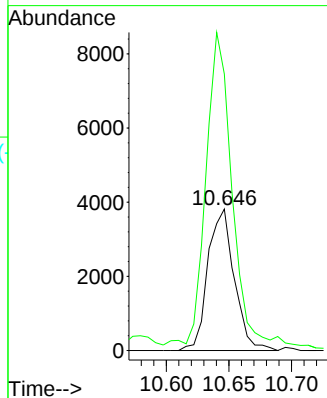
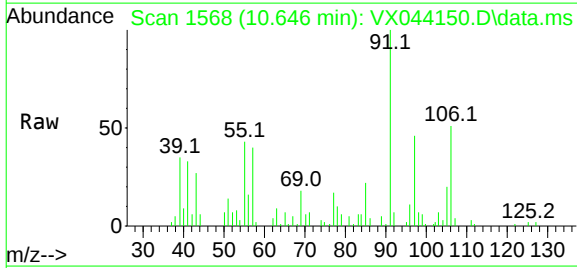
E28M1DL

Tgt Ion:106 Resp: 5596

Ion Ratio Lower Upper

106 100

91 195.4 153.7 285.5



#62

1,3,5-Trimethylbenzene

Concen: 3.315 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044150.D

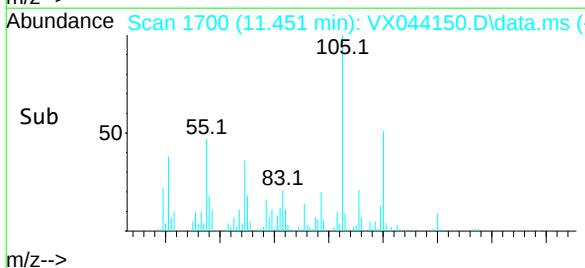
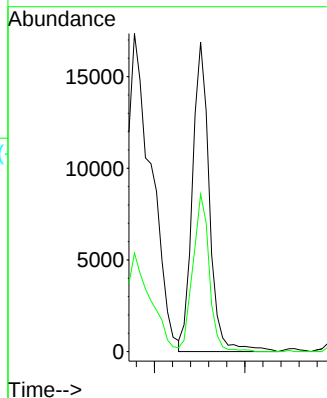
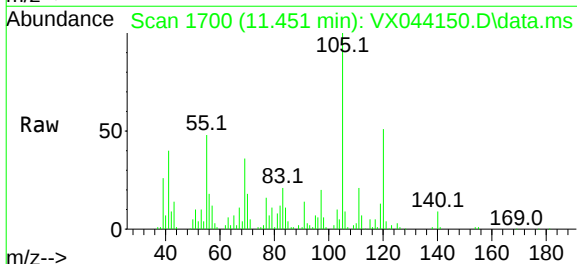
Acq: 05 Dec 2024 16:16

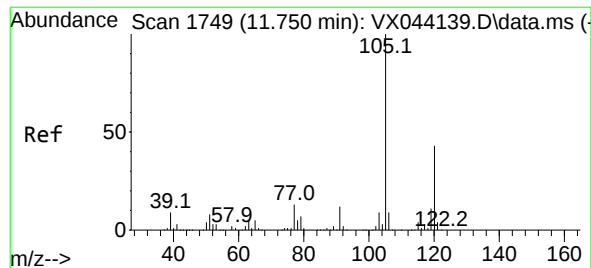
Tgt Ion:105 Resp: 21916

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 12.149 ug/L

RT: 11.750 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044150.D

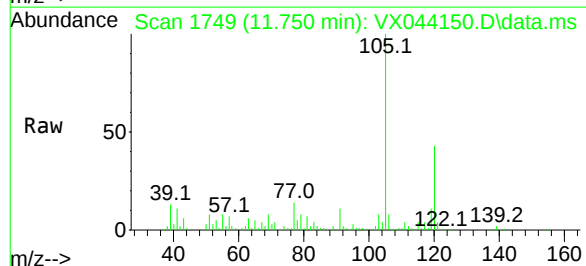
Acq: 05 Dec 2024 16:16

Instrument :

MSVOA\_X

ClientSampleId :

E28M1DL



Tgt Ion:105 Resp: 78828

Ion Ratio Lower Upper

105 100

120 43.3 34.5 51.7

