

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
 Data File : VX026042.D  
 Acq On : 25 Dec 2021 18:27  
 Operator : JC/MD  
 Sample : VIBLK618  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VIBLK618

Quant Time: Dec 27 05:16:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 23 21:00:32 2021  
 Response via : Initial Calibration

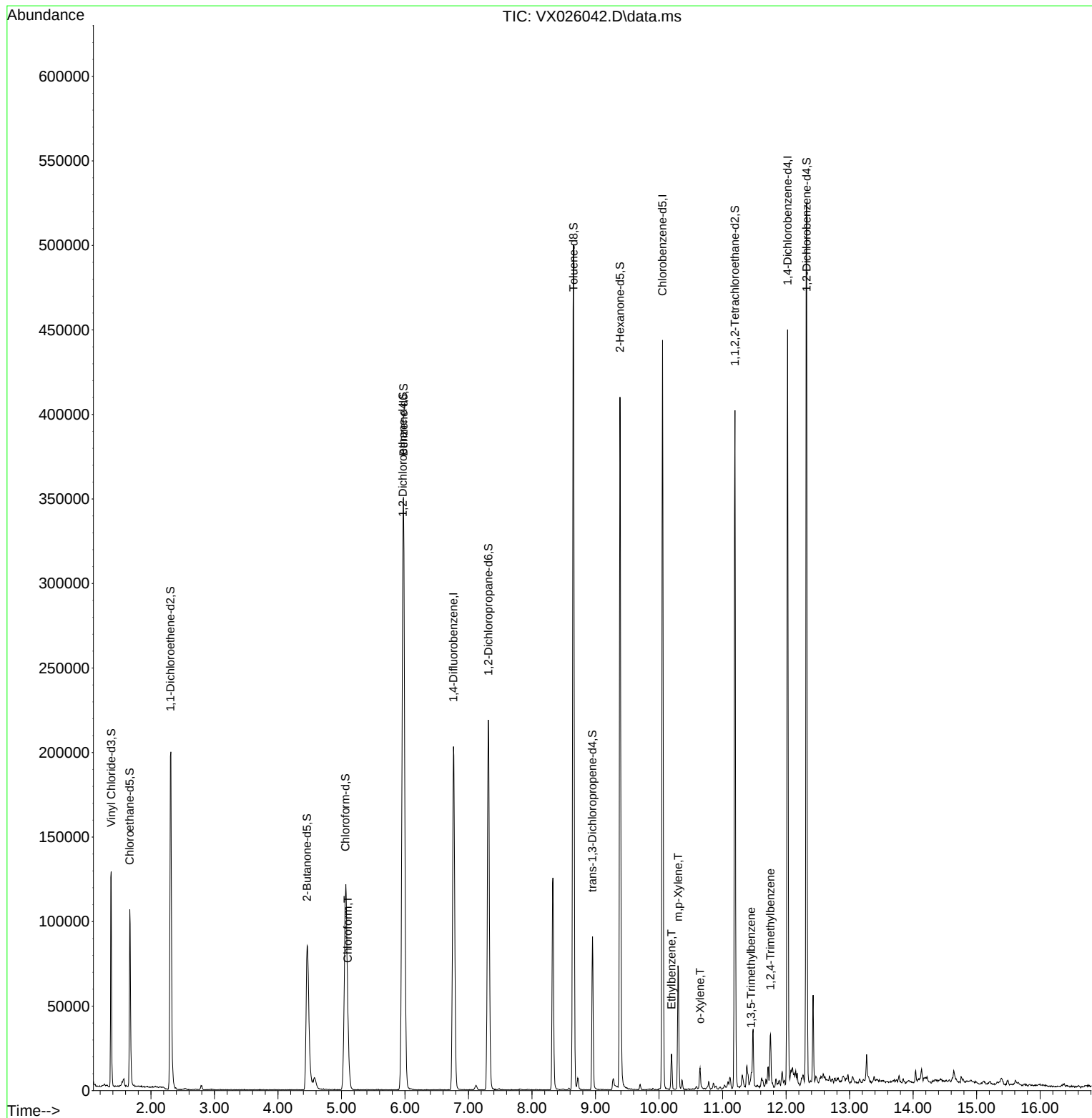
| Compound                      | R.T.     | QIon  | Response | Conc    | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|-----------|----------|
| Internal Standards            |          |       |          |         |           |          |
| 1) 1,4-Difluorobenzene        | 6.763    | 114   | 201296   | 50.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 10.055   | 117   | 185417   | 50.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024   | 152   | 86941    | 50.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |         |           |          |
| 4) Vinyl Chloride-d3          | 1.373    | 65    | 81350    | 56.989  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =       | 113.980%  |          |
| 7) Chloroethane-d5            | 1.666    | 69    | 69050    | 60.529  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =       | 121.060%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.306    | 63    | 119079   | 42.096  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 84.200%   |          |
| 21) 2-Butanone-d5             | 4.458    | 46    | 146674   | 118.515 | ug/L      | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =       | 118.520%  |          |
| 24) Chloroform-d              | 5.062    | 84    | 139549   | 48.851  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 97.700%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.964    | 65    | 120447   | 62.275  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 124.560%  |          |
| 32) Benzene-d6                | 5.976    | 84    | 332633   | 62.327  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 124.660%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.311    | 67    | 106309   | 64.082  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =       | 128.160%# |          |
| 41) Toluene-d8                | 8.653    | 98    | 282155   | 56.623  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 113.240%  |          |
| 43) trans-1,3-Dichloroprop... | 8.951    | 79    | 38288    | 53.047  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 106.100%  |          |
| 47) 2-Hexanone-d5             | 9.384    | 63    | 116099   | 135.600 | ug/L      | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =       | 135.600%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195   | 84    | 144950   | 59.256  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =       | 118.520%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323   | 152   | 102081   | 62.134  | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 124.260%# |          |
| Target Compounds              |          |       |          |         |           | Qvalue   |
| 25) Chloroform                | 5.098    | 83    | 27082    | 9.555   | ug/L      | 96       |
| 52) Ethylbenzene              | 10.195   | 91    | 11861    | 1.744   | ug/L      | 90       |
| 53) m,p-Xylene                | 10.299   | 106   | 16687    | 6.428   | ug/L      | 89       |
| 54) o-Xylene                  | 10.646   | 106   | 2759     | 1.073   | ug/L      | 92       |
| 62) 1,3,5-Trimethylbenzene    | 11.451   | 105   | 3671     | 0.734   | ug/L      | 88       |
| 63) 1,2,4-Trimethylbenzene    | 11.756   | 105   | 11281    | 2.252   | ug/L #    | 81       |

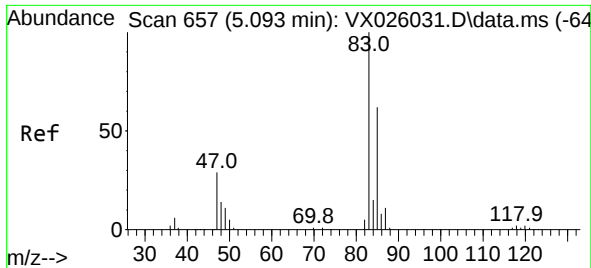
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122521\  
Data File : VX026042.D  
Acq On : 25 Dec 2021 18:27  
Operator : JC/MD  
Sample : VIBLK618  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK618

Quant Time: Dec 27 05:16:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Dec 23 21:00:32 2021  
Response via : Initial Calibration

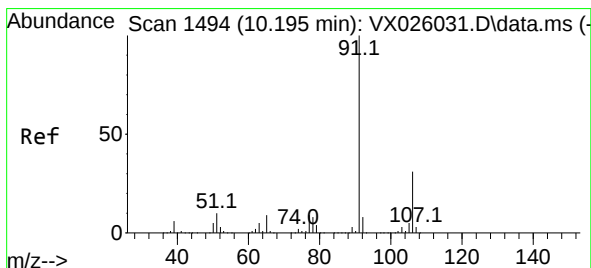
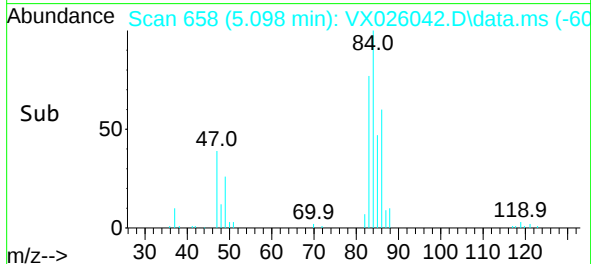
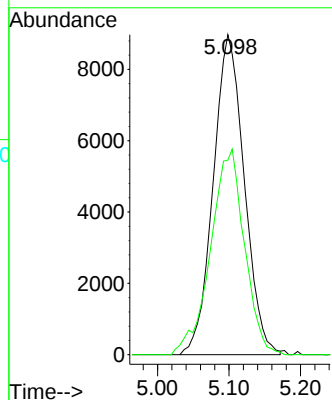
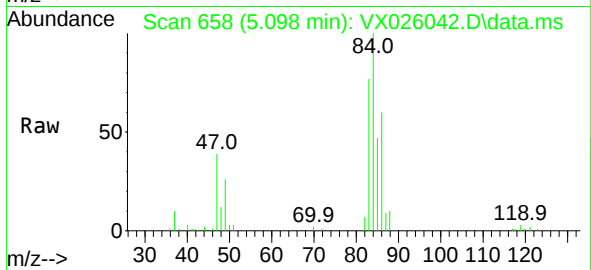




#25  
Chloroform  
Concen: 9.555 ug/L  
RT: 5.098 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX026042.D  
Acq: 25 Dec 2021 18:27

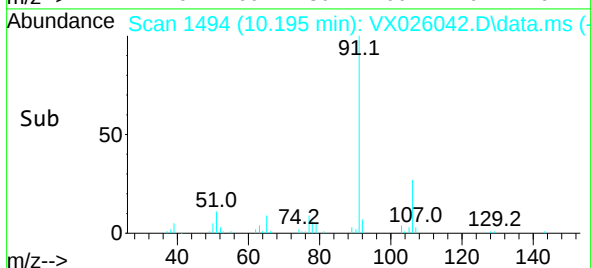
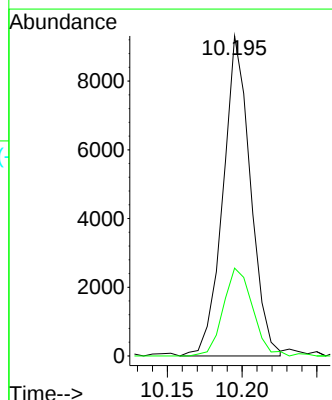
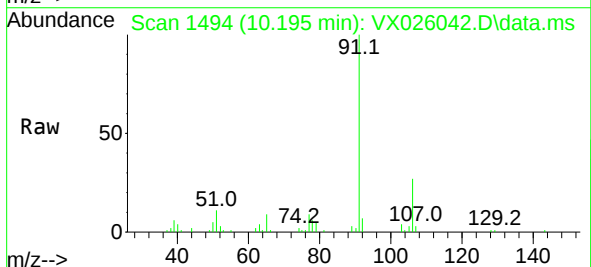
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK618

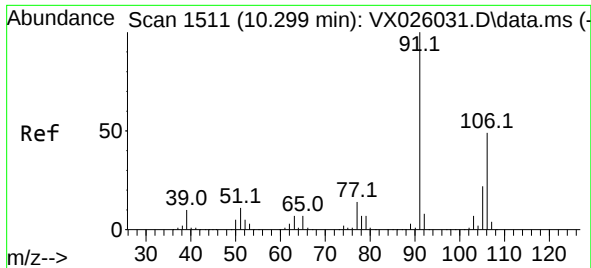
Tgt Ion: 83 Resp: 27082  
Ion Ratio Lower Upper  
83 100  
85 60.8 44.9 83.5



#52  
Ethylbenzene  
Concen: 1.744 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX026042.D  
Acq: 25 Dec 2021 18:27

Tgt Ion: 91 Resp: 11861  
Ion Ratio Lower Upper  
91 100  
106 27.5 23.1 42.9

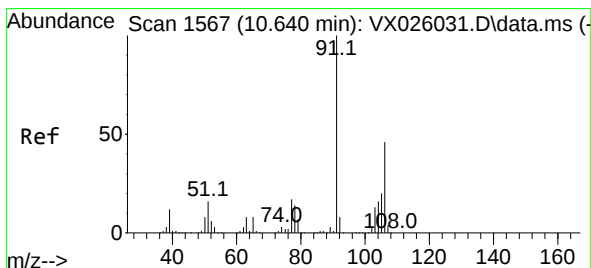
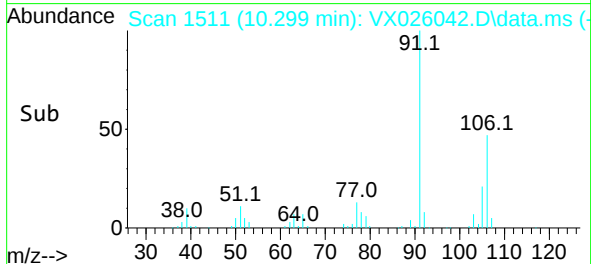
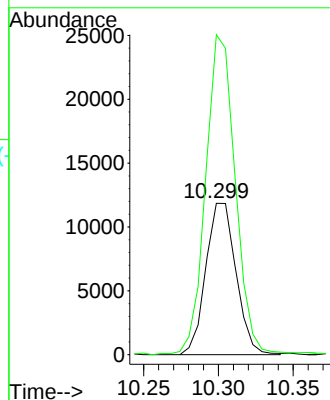
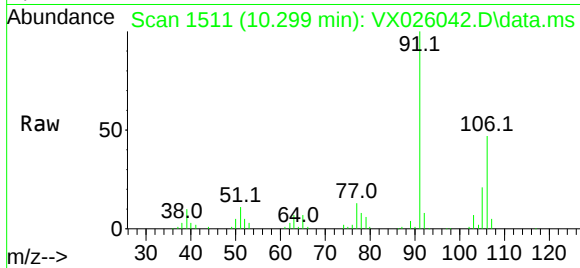




#53  
m,p-Xylene  
Concen: 6.428 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX026042.D  
Acq: 25 Dec 2021 18:27

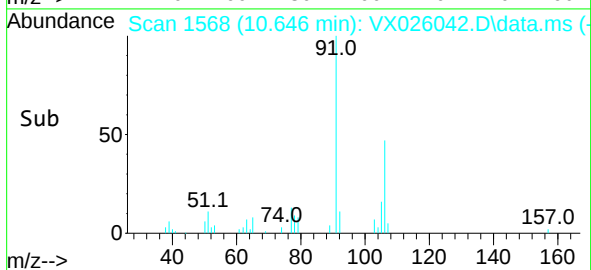
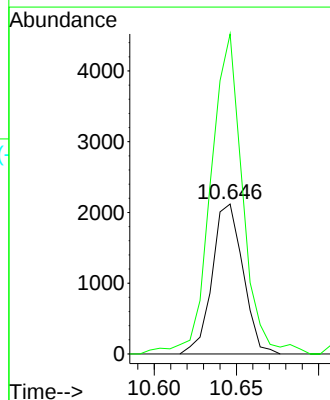
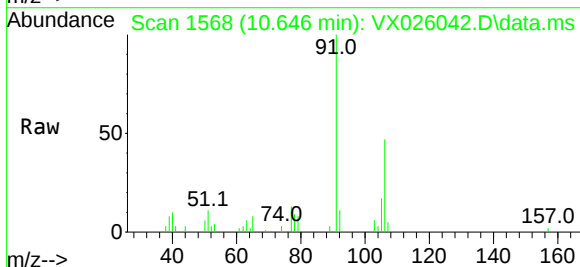
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK618

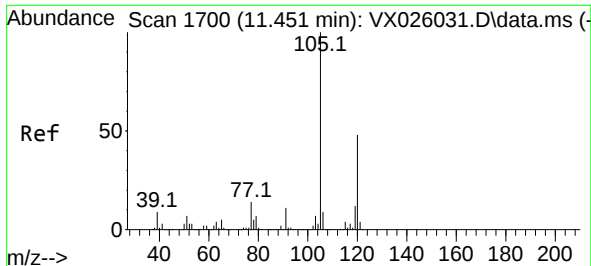
Tgt Ion:106 Resp: 16687  
Ion Ratio Lower Upper  
106 100  
91 211.4 136.8 254.2



#54  
o-Xylene  
Concen: 1.073 ug/L  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VX026042.D  
Acq: 25 Dec 2021 18:27

Tgt Ion:106 Resp: 2759  
Ion Ratio Lower Upper  
106 100  
91 213.4 140.5 260.9

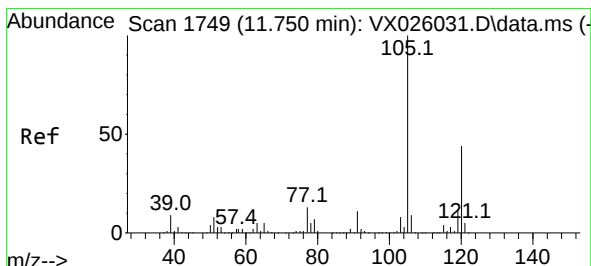
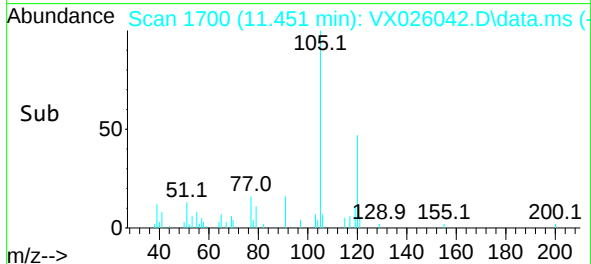
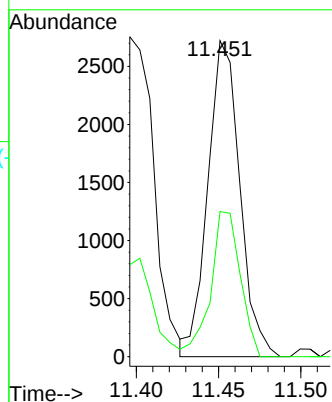
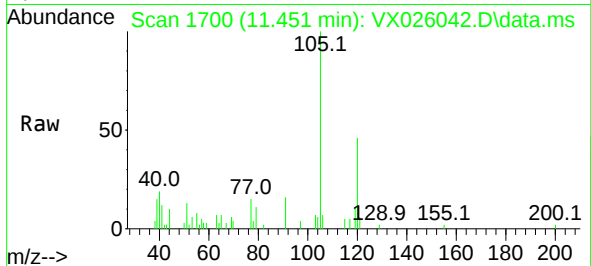




#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.734 ug/L  
 RT: 11.451 min Scan# 1700  
 Delta R.T. -0.000 min  
 Lab File: VX026042.D  
 Acq: 25 Dec 2021 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VIBLK618

Tgt Ion:105 Resp: 3671  
 Ion Ratio Lower Upper  
 105 100  
 120 42.6 41.0 61.4



#63  
 1,2,4-Trimethylbenzene  
 Concen: 2.252 ug/L  
 RT: 11.756 min Scan# 1750  
 Delta R.T. -0.000 min  
 Lab File: VX026042.D  
 Acq: 25 Dec 2021 18:27

Tgt Ion:105 Resp: 11281  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 0.1 0.1#

