

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092324\  
 Data File : VV037492.D  
 Acq On : 23 Sep 2024 18:47  
 Operator : SY/MD  
 Sample : P4024-05MEDL 20X  
 Misc : 10.12G/5mL/100ul/5mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DDC36MEDL

Quant Time: Sep 24 04:03:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 24 03:56:17 2024  
 Response via : Initial Calibration

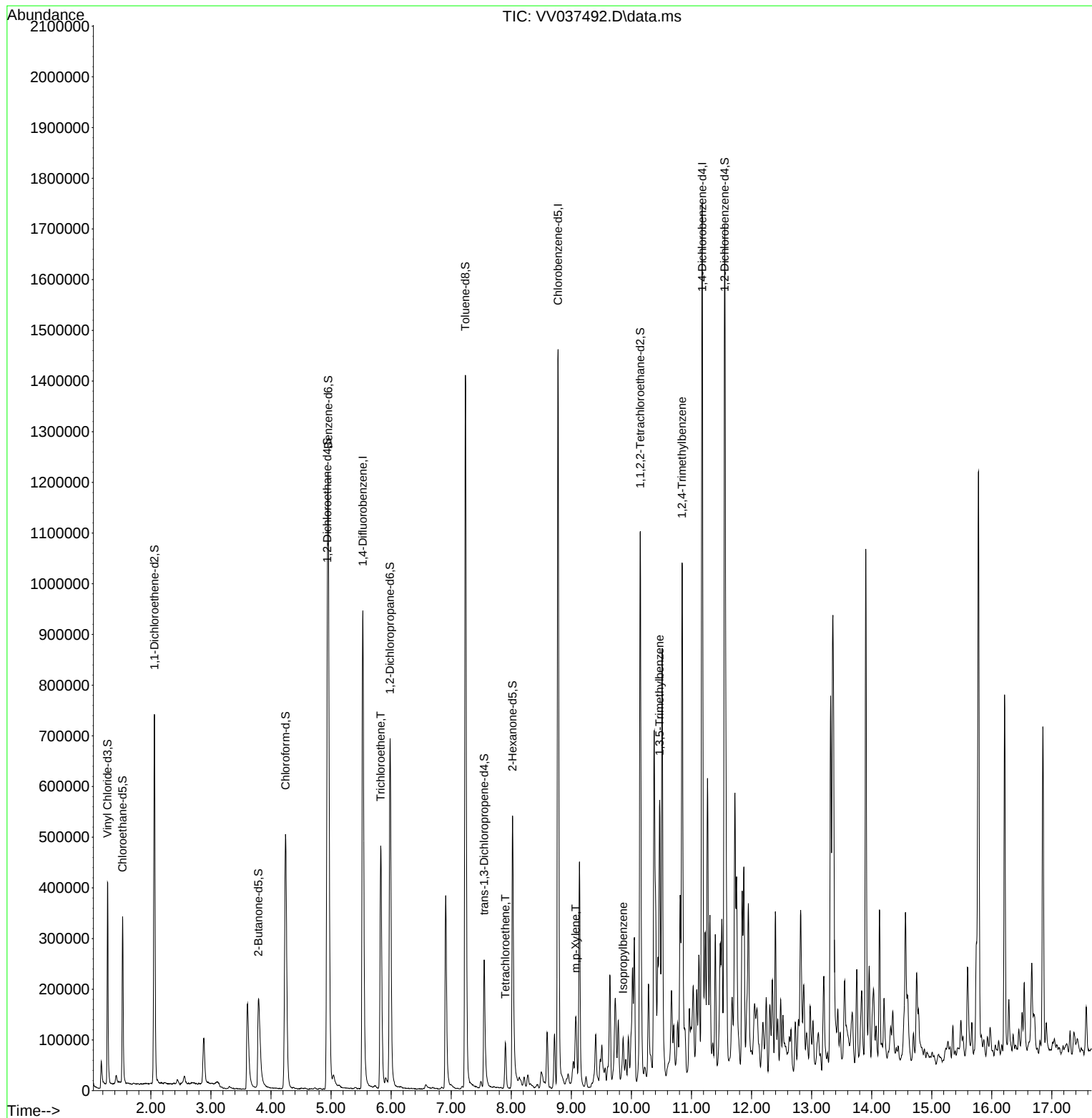
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529   | 114   | 841123   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780   | 117   | 796684   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178  | 152   | 401253   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 270883   | 35.206   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 70.420%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 228687   | 38.457   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 76.920%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 118731   | 36.714   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 73.420%  |
| 21) 2-Butanone-d5             | 3.790   | 46    | 270653   | 90.835   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 90.840%  |
| 24) Chloroform-d              | 4.243   | 84    | 533251   | 44.282   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.560%  |
| 26) 1,2-Dichloroethane-d4     | 4.937   | 65    | 335624   | 44.257   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.520%  |
| 32) Benzene-d6                | 4.954   | 84    | 1080167  | 44.889   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.780%  |
| 36) 1,2-Dichloropropane-d6    | 5.982   | 67    | 344525   | 45.712   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 91.420%  |
| 41) Toluene-d8                | 7.236   | 98    | 949171   | 43.706   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.420%  |
| 43) trans-1,3-Dichloroprop... | 7.548   | 79    | 156620   | 44.917   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.840%  |
| 47) 2-Hexanone-d5             | 8.021   | 63    | 200366   | 97.410   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 97.410%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146  | 84    | 412765   | 45.157   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.555  | 152   | 372976   | 46.411   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.820%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 5.828   | 95    | 181161   | 29.853   | ug/L   | 98       |
| 46) Tetrachloroethene         | 7.902   | 164   | 19753    | 4.537    | ug/L   | 96       |
| 53) m,p-Xylene                | 9.072   | 106   | 30230    | 3.017    | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.863   | 105   | 44216    | 1.700    | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.471  | 105   | 270705   | 12.719   | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.844  | 105   | 534229   | 25.153   | ug/L   | 100      |
| -----                         |         |       |          |          |        |          |

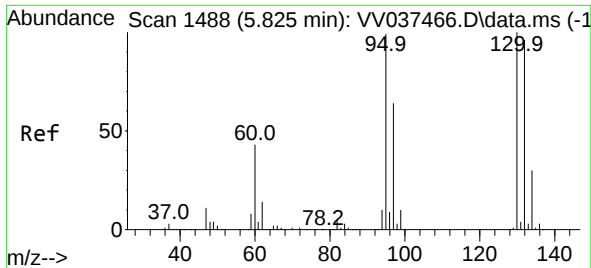
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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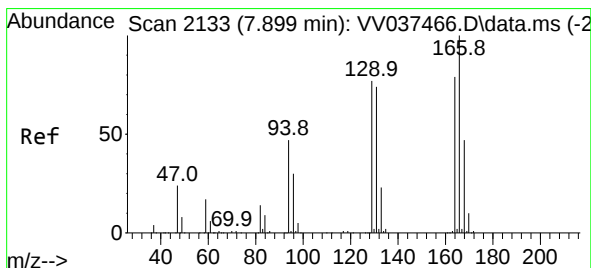
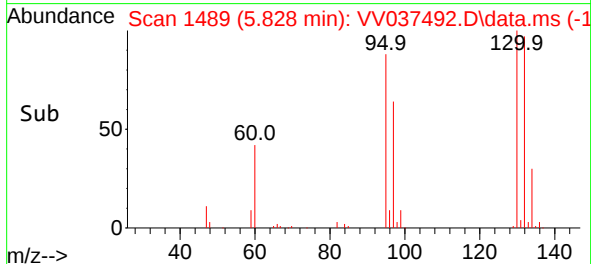
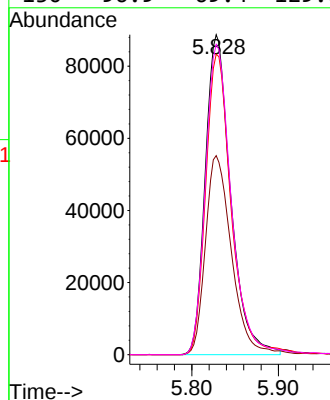
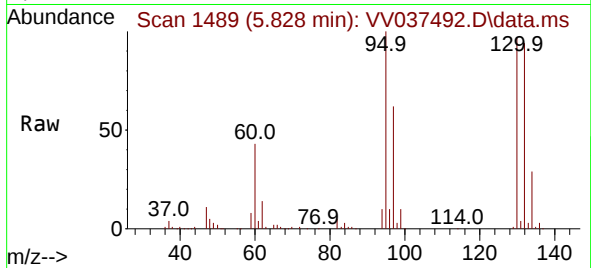




#34  
Trichloroethene  
Concen: 29.853 ug/L  
RT: 5.828 min Scan# 1489  
Delta R.T. 0.003 min  
Lab File: VV037492.D  
Acq: 23 Sep 2024 18:47

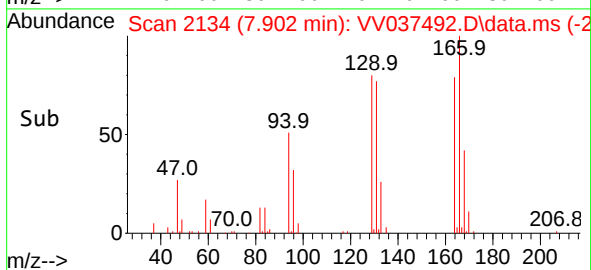
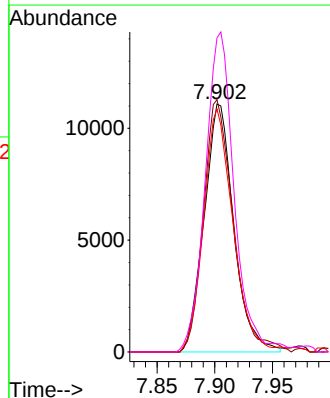
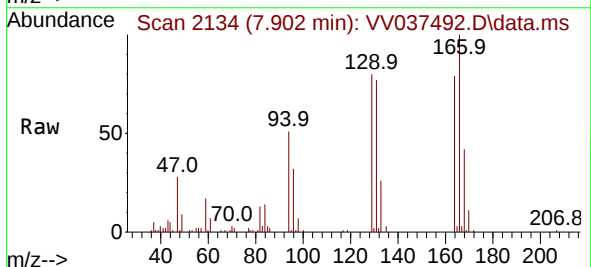
Instrument :  
MSVOA\_V  
ClientSampleId :  
DDC36MEDL

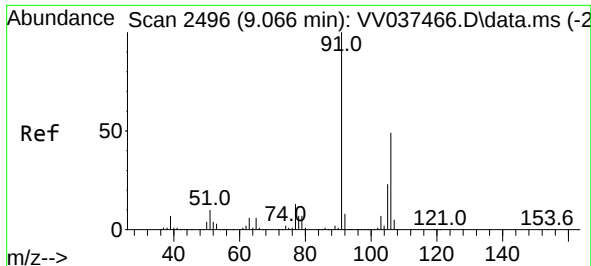
Tgt Ion: 95 Resp: 181161  
Ion Ratio Lower Upper  
95 100  
97 62.2 44.4 82.5  
132 93.9 64.9 120.5  
130 96.9 69.4 129.0



#46  
Tetrachloroethene  
Concen: 4.537 ug/L  
RT: 7.902 min Scan# 2134  
Delta R.T. 0.003 min  
Lab File: VV037492.D  
Acq: 23 Sep 2024 18:47

Tgt Ion:164 Resp: 19753  
Ion Ratio Lower Upper  
164 100  
129 101.7 67.1 124.7  
131 97.9 67.0 124.4  
166 126.6 86.2 160.2

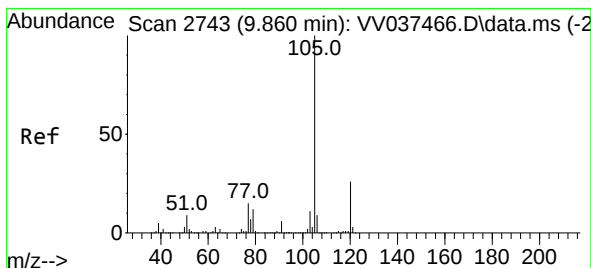
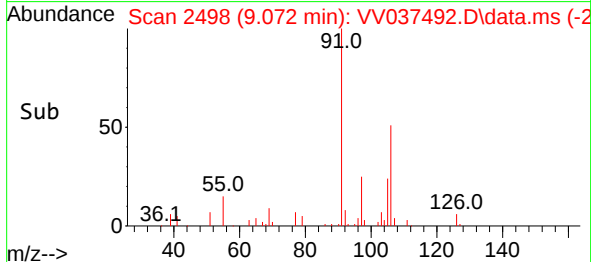
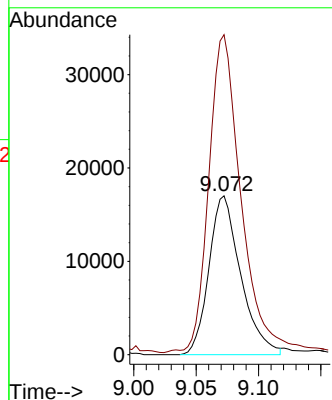
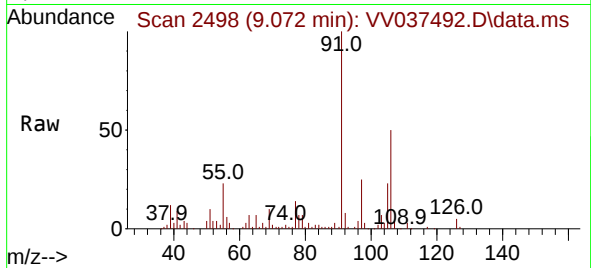




#53  
m,p-Xylene  
Concen: 3.017 ug/L  
RT: 9.072 min Scan# 2498  
Delta R.T. 0.007 min  
Lab File: VV037492.D  
Acq: 23 Sep 2024 18:47

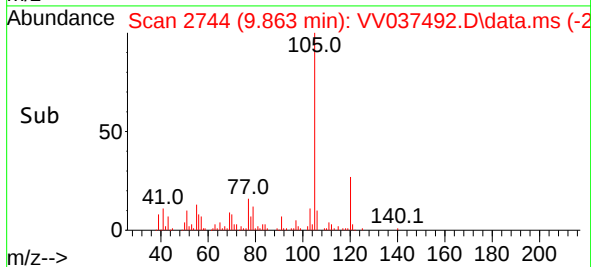
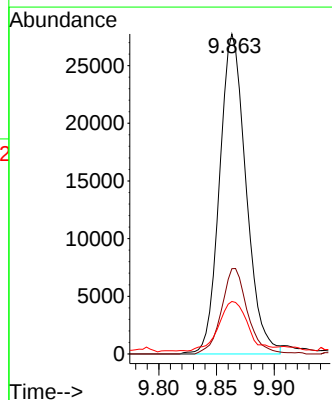
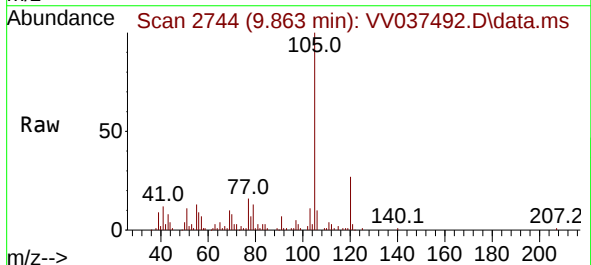
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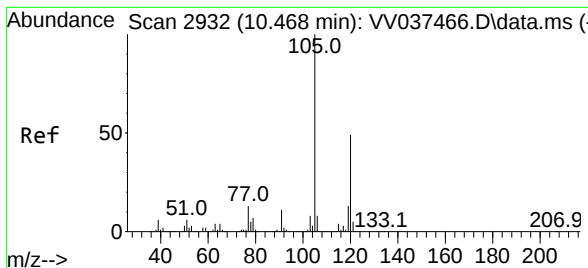
Tgt Ion:106 Resp: 30230  
Ion Ratio Lower Upper  
106 100  
91 201.4 143.0 265.6



#60  
Isopropylbenzene  
Concen: 1.700 ug/L  
RT: 9.863 min Scan# 2744  
Delta R.T. 0.003 min  
Lab File: VV037492.D  
Acq: 23 Sep 2024 18:47

Tgt Ion:105 Resp: 44216  
Ion Ratio Lower Upper  
105 100  
120 26.1 20.9 31.3  
77 16.1 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 12.719 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037492.D

Acq: 23 Sep 2024 18:47

Instrument :

MSVOA\_V

ClientSampleId :

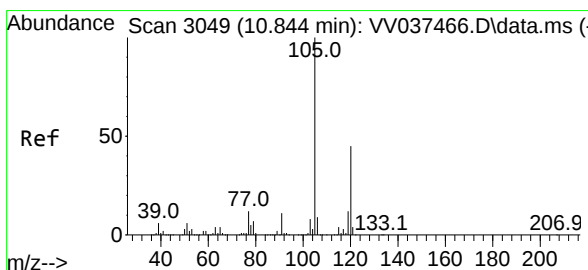
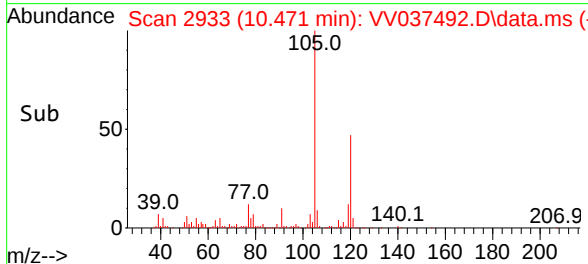
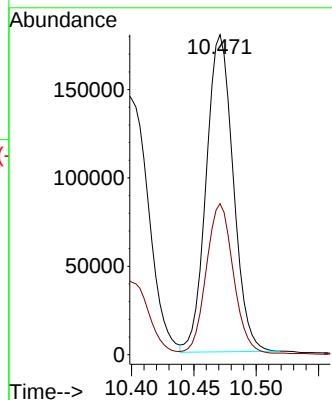
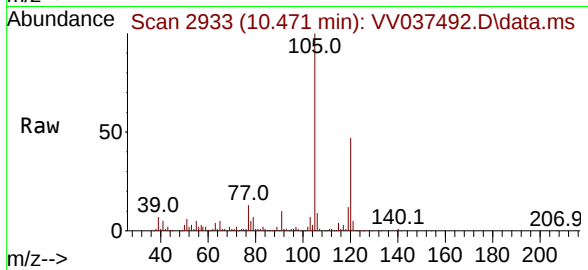
DDC36MEDL

Tgt Ion:105 Resp: 270705

Ion Ratio Lower Upper

105 100

120 47.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 25.153 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037492.D

Acq: 23 Sep 2024 18:47

Tgt Ion:105 Resp: 534229

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.6

