

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100822\  
 Data File : VV028485.D  
 Acq On : 09 Oct 2022 14:42  
 Operator : SY/MD  
 Sample : N4923-06  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E10056

Quant Time: Oct 10 05:27:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 10 05:21:45 2022  
 Response via : Initial Calibration

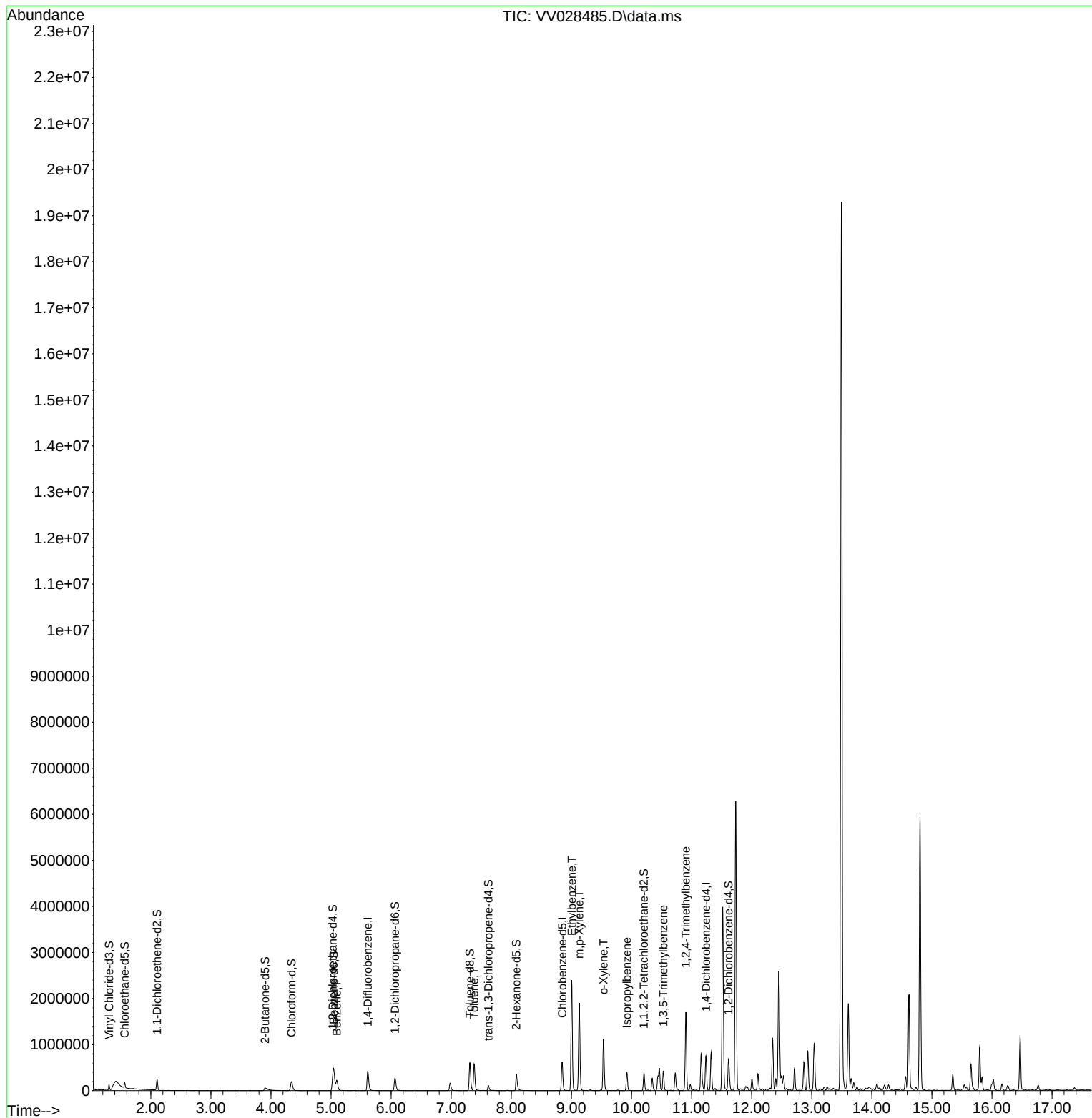
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612   | 114   | 364433   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117   | 338731   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239  | 152   | 178860   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 81284    | 28.906   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 57.820%# |
| 7) Chloroethane-d5            | 1.564   | 69    | 68822    | 30.866   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 61.740%# |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 121603   | 25.409   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 50.820%# |
| 21) 2-Butanone-d5             | 3.902   | 46    | 164635   | 66.881   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 66.880%  |
| 24) Chloroform-d              | 4.342   | 84    | 206625   | 40.065   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 80.120%  |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 136209   | 40.952   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.900%  |
| 32) Benzene-d6                | 5.043   | 84    | 420295   | 38.722   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 77.440%  |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 131702   | 37.216   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 74.440%  |
| 41) Toluene-d8                | 7.310   | 98    | 395092   | 40.657   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.320%  |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 65203    | 36.148   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 72.300%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 138509   | 71.949   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 71.950%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207  | 84    | 177109   | 36.573   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 73.140%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.615  | 152   | 148975   | 40.197   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 80.400%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 33) Benzene                   | 5.095   | 78    | 229782   | 20.626   | ug/L   | 100      |
| 42) Toluene                   | 7.381   | 91    | 414377   | 36.086   | ug/L   | 100      |
| 52) Ethylbenzene              | 9.005   | 91    | 1625778  | 129.897  | ug/L   | 100      |
| 53) m,p-Xylene                | 9.130   | 106   | 521835   | 110.001  | ug/L   | 98       |
| 54) o-Xylene                  | 9.535   | 106   | 285120   | 60.025   | ug/L   | 99       |
| 60) Isopropylbenzene          | 9.924   | 105   | 252541   | 19.594   | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.532  | 105   | 222864   | 19.965   | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.905  | 105   | 891272   | 80.441   | ug/L   | 100      |
| -----                         |         |       |          |          |        |          |

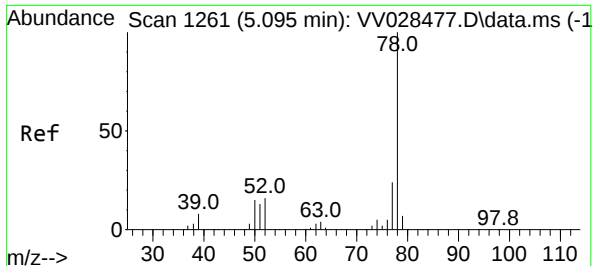
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 10 05:21:45 2022  
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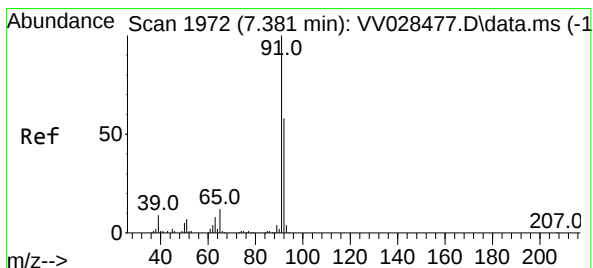
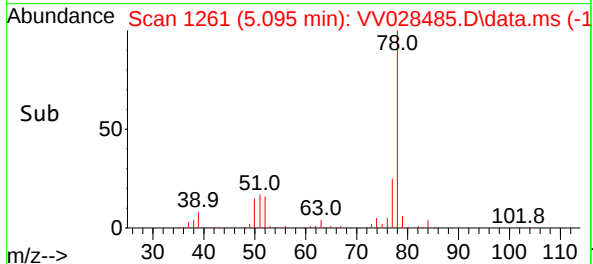
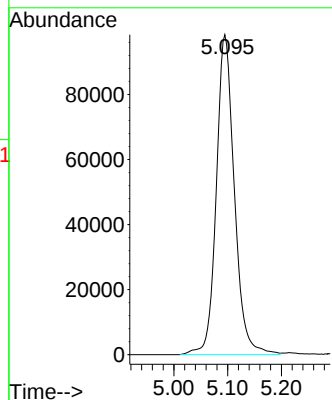
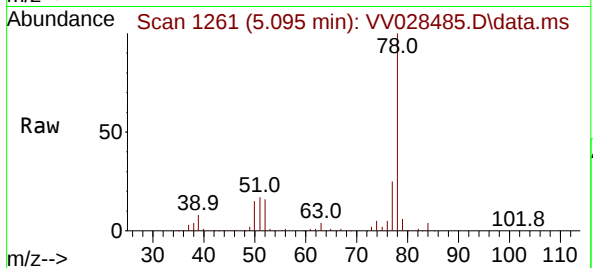




#33  
Benzene  
Concen: 20.626 ug/L  
RT: 5.095 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VV028485.D  
Acq: 09 Oct 2022 14:42

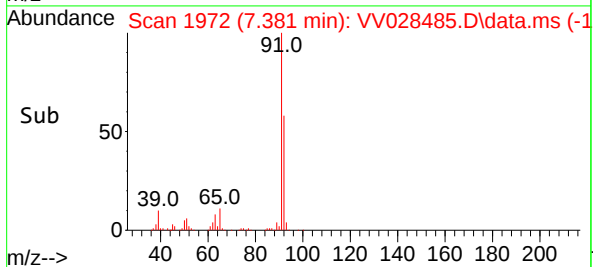
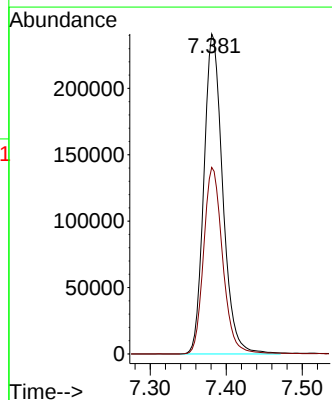
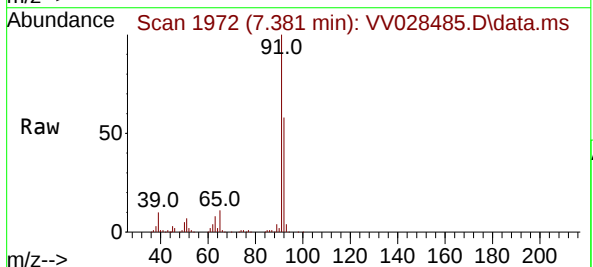
Instrument :  
MSVOA\_V  
ClientSampleId :  
E10056

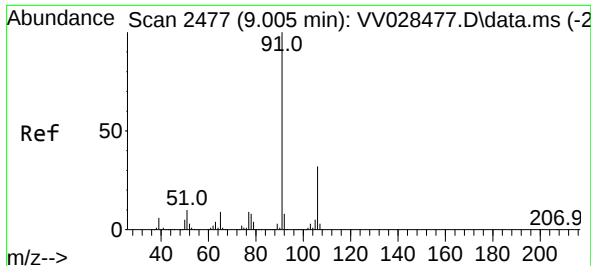
Tgt Ion: 78 Resp: 229782



#42  
Toluene  
Concen: 36.086 ug/L  
RT: 7.381 min Scan# 1972  
Delta R.T. -0.000 min  
Lab File: VV028485.D  
Acq: 09 Oct 2022 14:42

Tgt Ion: 91 Resp: 414377  
Ion Ratio Lower Upper  
91 100  
92 58.3 40.9 76.0





#52

Ethylbenzene

Concen: 129.897 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV028485.D

Acq: 09 Oct 2022 14:42

Instrument :

MSVOA\_V

ClientSampleId :

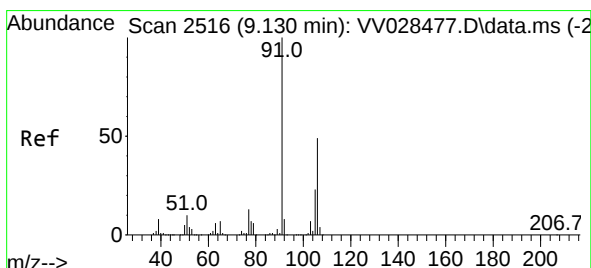
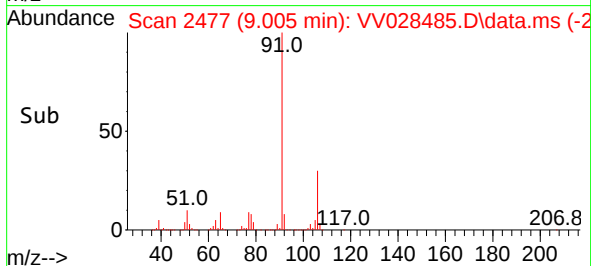
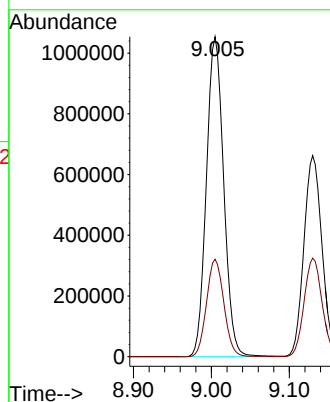
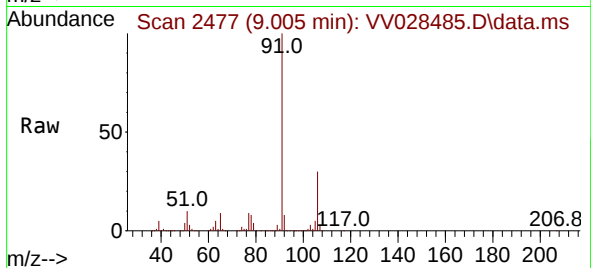
E10056

Tgt Ion: 91 Resp: 1625778

Ion Ratio Lower Upper

91 100

106 30.5 21.4 39.8



#53

m,p-Xylene

Concen: 110.001 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV028485.D

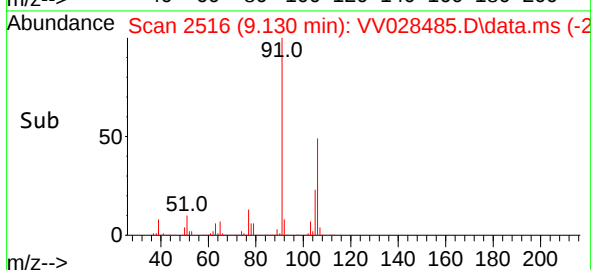
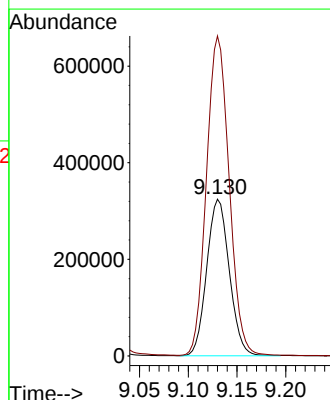
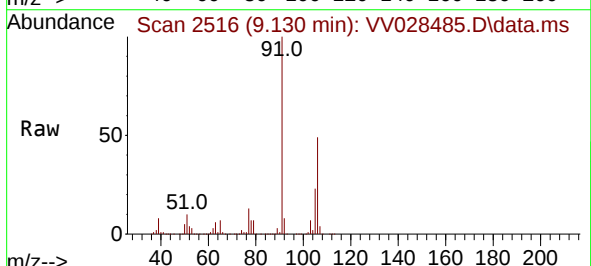
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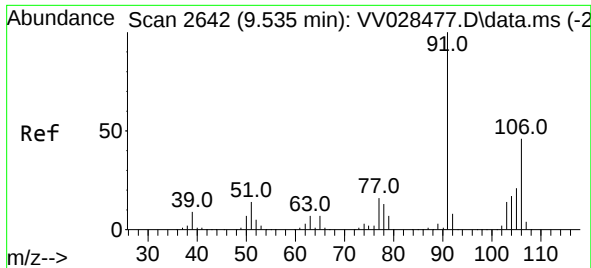
Tgt Ion:106 Resp: 521835

Ion Ratio Lower Upper

106 100

91 204.0 145.2 269.6

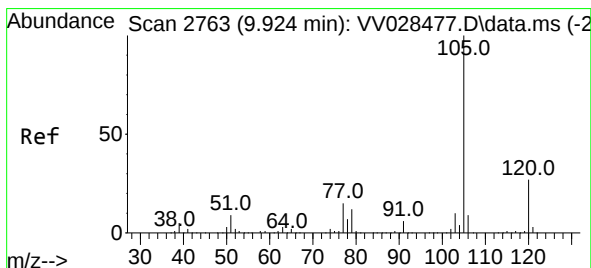
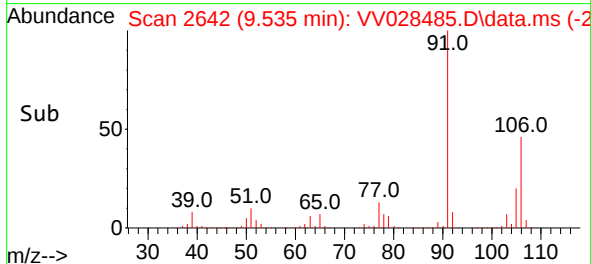
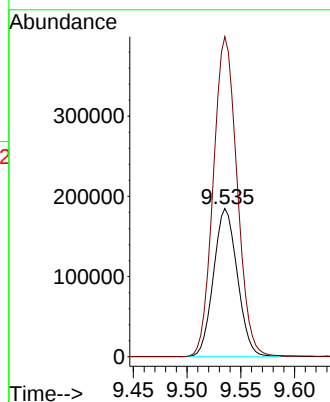
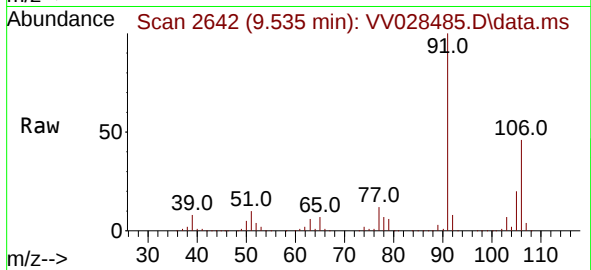




#54  
o-Xylene  
Concen: 60.025 ug/L  
RT: 9.535 min Scan# 2642  
Delta R.T. -0.000 min  
Lab File: VV028485.D  
Acq: 09 Oct 2022 14:42

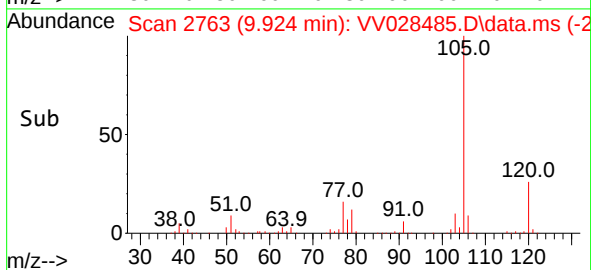
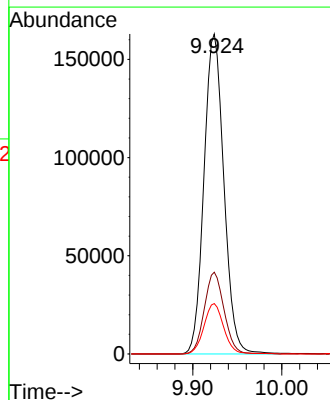
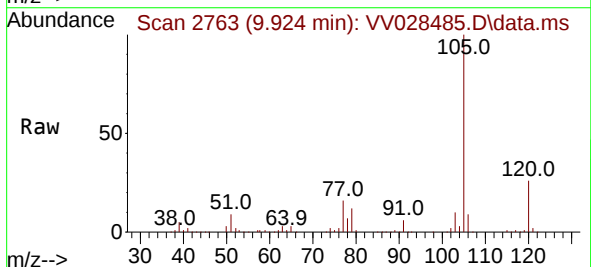
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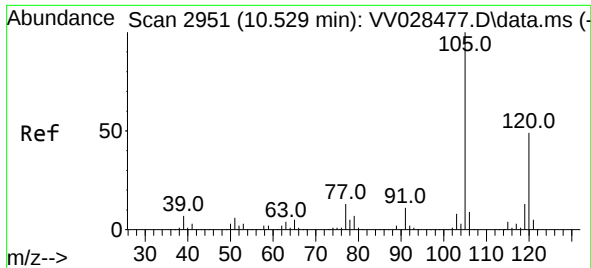
Tgt Ion:106 Resp: 285120  
Ion Ratio Lower Upper  
106 100  
91 216.0 152.5 283.3



#60  
Isopropylbenzene  
Concen: 19.594 ug/L  
RT: 9.924 min Scan# 2763  
Delta R.T. -0.000 min  
Lab File: VV028485.D  
Acq: 09 Oct 2022 14:42

Tgt Ion:105 Resp: 252541  
Ion Ratio Lower Upper  
105 100  
120 25.3 20.5 30.7  
77 15.7 12.7 19.1

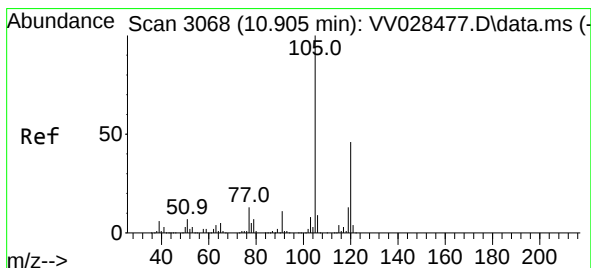
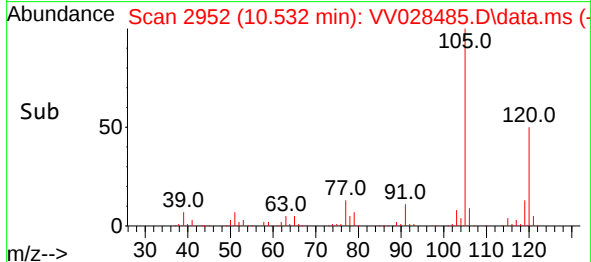
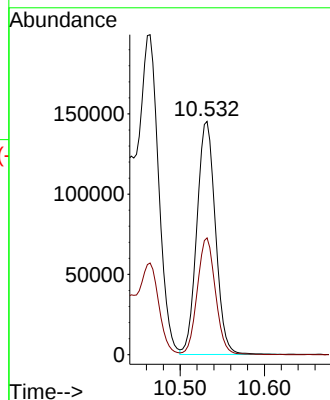
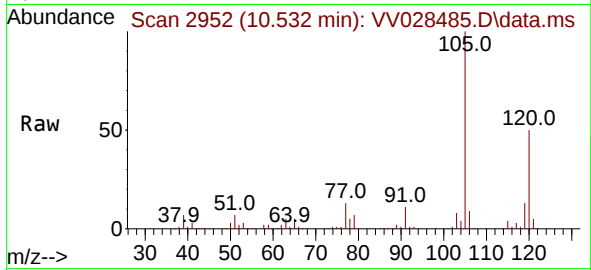




#62  
 1,3,5-Trimethylbenzene  
 Concen: 19.965 ug/L  
 RT: 10.532 min Scan# 2951  
 Delta R.T. 0.003 min  
 Lab File: VV028485.D  
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Tgt Ion:105 Resp: 222864  
 Ion Ratio Lower Upper  
 105 100  
 120 49.0 39.1 58.7



#63  
 1,2,4-Trimethylbenzene  
 Concen: 80.441 ug/L  
 RT: 10.905 min Scan# 3068  
 Delta R.T. -0.000 min  
 Lab File: VV028485.D  
 Acq: 09 Oct 2022 14:42

Tgt Ion:105 Resp: 891272  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 35.9 53.9

