

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW090121\  
 Data File : VW022060.D  
 Acq On : 01 Sep 2021 12:23  
 Operator : SY/MD  
 Sample : M3608-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBKJ8

Quant Time: Sep 02 05:34:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 02 05:24:11 2021  
 Response via : Initial Calibration

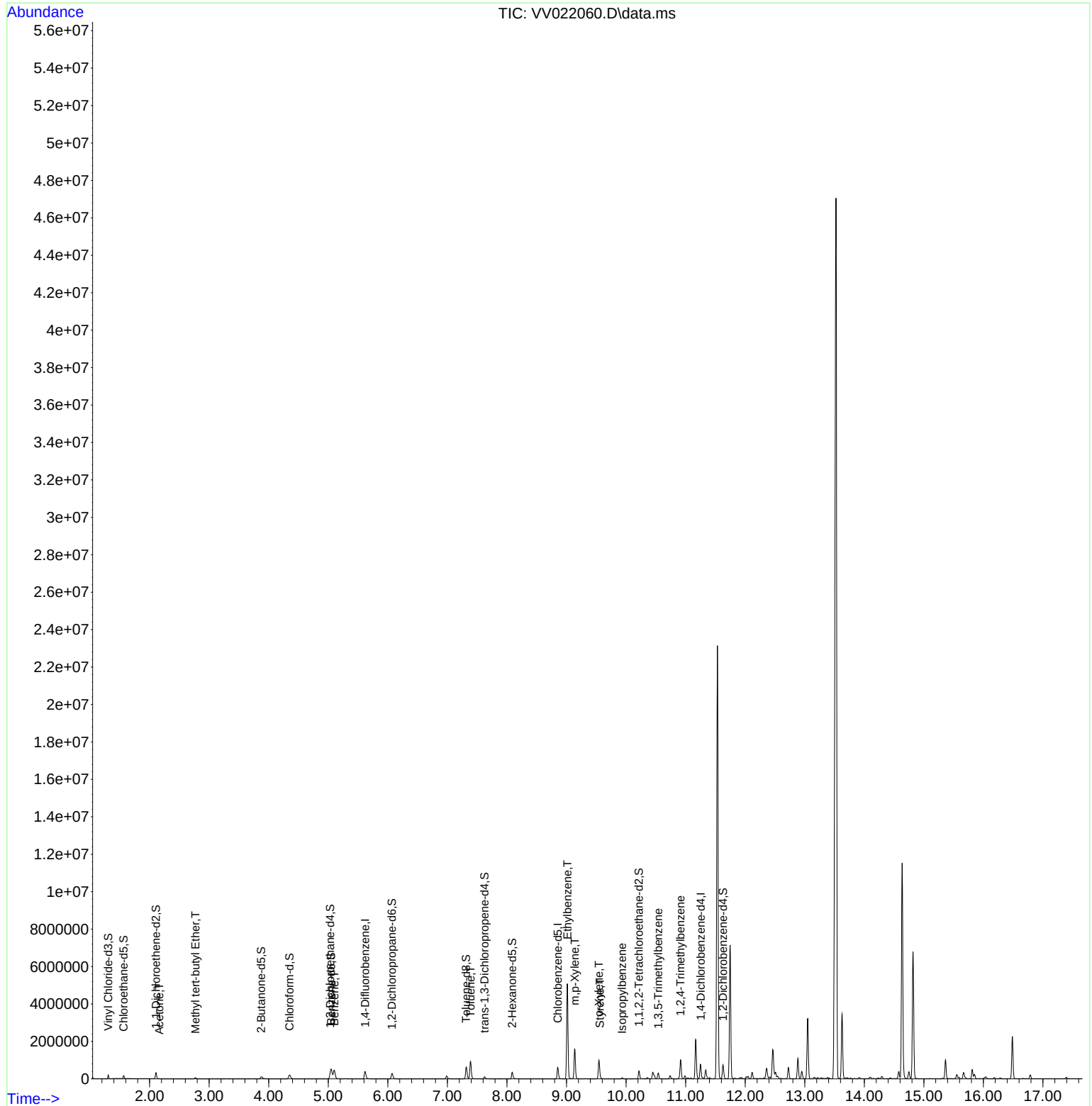
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114            | 361562   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117            | 350996   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152            | 204379   | 50.000  | ug/L     | 0.00     |
|                               |         |                |          |         |          |          |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65             | 129091   | 51.557  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 103.120% |          |
| 7) Chloroethane-d5            | 1.564   | 69             | 103203   | 52.780  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 105.560% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 166713   | 40.260  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 80.520%  |          |
| 21) 2-Butanone-d5             | 3.873   | 46             | 172010   | 100.169 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 100.170% |          |
| 24) Chloroform-d              | 4.349   | 84             | 222132   | 48.654  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 97.300%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65             | 134235   | 49.917  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 99.840%  |          |
| 32) Benzene-d6                | 5.050   | 84             | 472608   | 49.643  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 99.280%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 147589   | 49.295  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 98.600%  |          |
| 41) Toluene-d8                | 7.317   | 98             | 429281   | 47.768  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 95.540%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79             | 62284    | 43.708  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 87.420%  |          |
| 47) 2-Hexanone-d5             | 8.088   | 63             | 131446   | 114.422 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 114.420% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84             | 205152   | 53.502  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 107.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152            | 182258   | 45.362  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 90.720%  |          |
|                               |         |                |          |         |          |          |
| Target Compounds              |         |                |          |         | Qvalue   |          |
| 13) Acetone                   | 2.162   | 43             | 5835     | 4.055   | ug/L     | # 68     |
| 18) Methyl tert-butyl Ether   | 2.770   | 73             | 60308    | 7.526   | ug/L     | 98       |
| 33) Benzene                   | 5.101   | 78             | 487850   | 47.772  | ug/L     | 100      |
| 42) Toluene                   | 7.387   | 91             | 707641   | 64.205  | ug/L     | 99       |
| 52) Ethylbenzene              | 9.014   | 91             | 3556803  | 298.112 | ug/L     | 99       |
| 53) m,p-Xylene                | 9.140   | 106            | 457668   | 98.690  | ug/L     | 98       |
| 54) o-Xylene                  | 9.545   | 106            | 261150   | 56.914  | ug/L     | 99       |
| 55) Styrene                   | 9.561   | 104            | 64630    | 8.254   | ug/L     | # 76     |
| 60) Isopropylbenzene          | 9.934   | 105            | 36620    | 2.852   | ug/L     | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.542  | 105            | 161861   | 15.013  | ug/L     | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.915  | 105            | 559141   | 51.023  | ug/L     | 100      |
| -----                         |         |                |          |         |          |          |

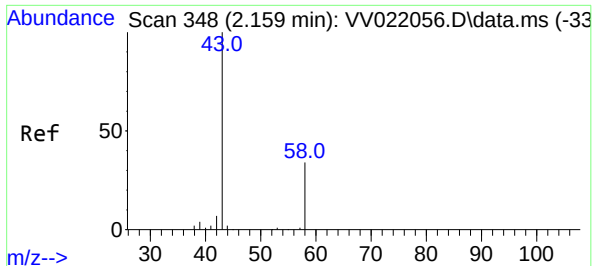
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M3608-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Time: Sep 02 05:34:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Sep 02 05:24:11 2021  
Response via : Initial Calibration

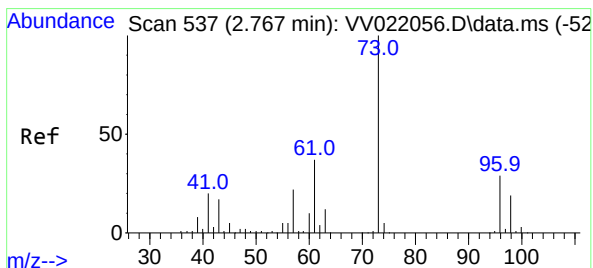
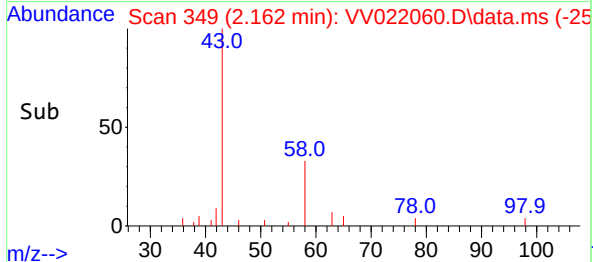
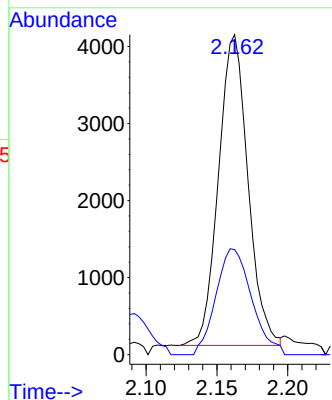
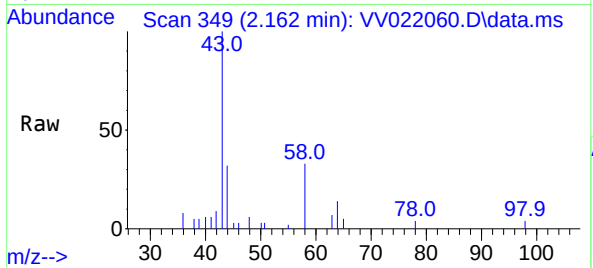




#13  
Acetone  
Concen: 4.055 ug/L  
RT: 2.162 min Scan# 349  
Delta R.T. 0.003 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

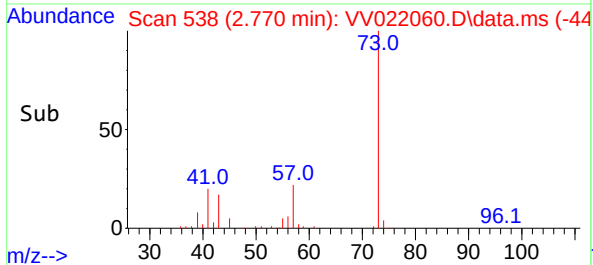
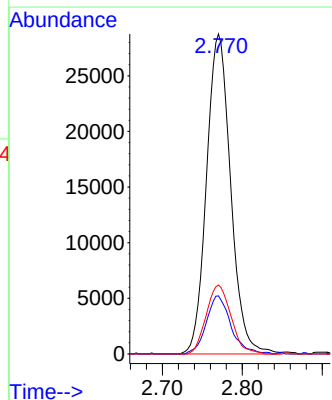
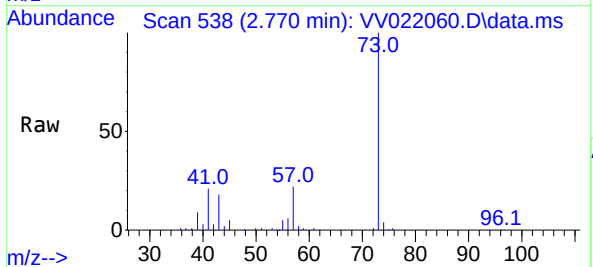
Instrument :  
MSVOA\_V  
ClientSampleId :  
DBKJ8

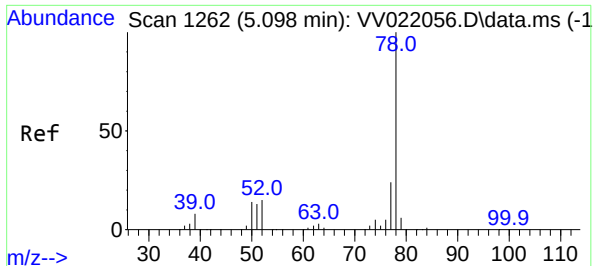
Tgt Ion: 43 Resp: 5835  
Ion Ratio Lower Upper  
43 100  
58 41.2 0.0 0.4#



#18  
Methyl tert-butyl Ether  
Concen: 7.526 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. 0.003 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

Tgt Ion: 73 Resp: 60308  
Ion Ratio Lower Upper  
73 100  
43 18.4 13.8 20.6  
57 22.1 17.1 25.7

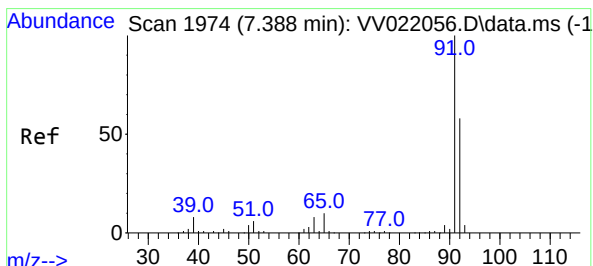
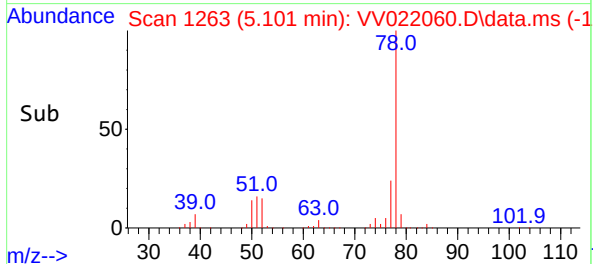
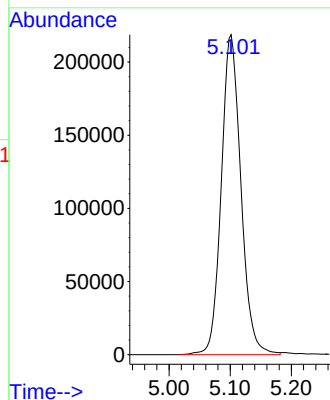
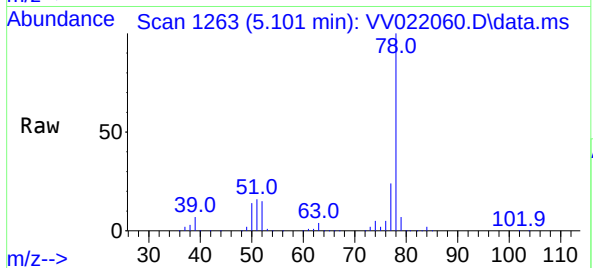




#33  
Benzene  
Concen: 47.772 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. 0.003 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

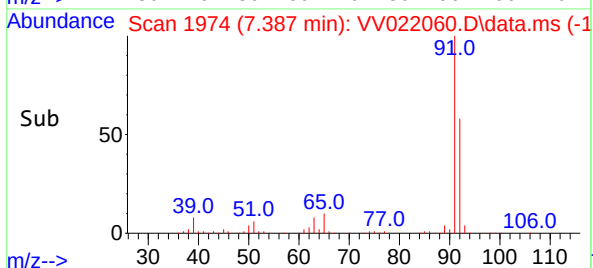
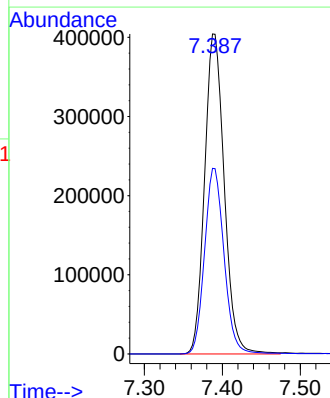
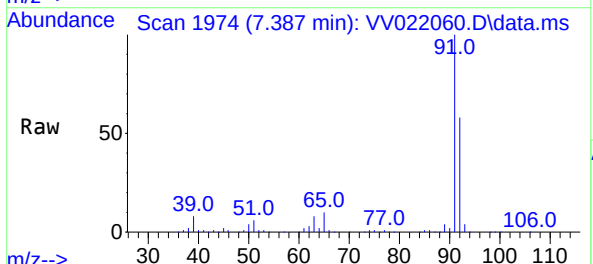
Instrument :  
MSVOA\_V  
ClientSampled :  
DBKJ8

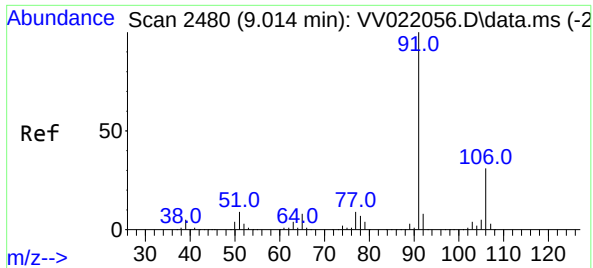
Tgt Ion: 78 Resp: 487850



#42  
Toluene  
Concen: 64.205 ug/L  
RT: 7.387 min Scan# 1974  
Delta R.T. -0.000 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

Tgt Ion: 91 Resp: 707641  
Ion Ratio Lower Upper  
91 100  
92 58.0 40.3 74.8

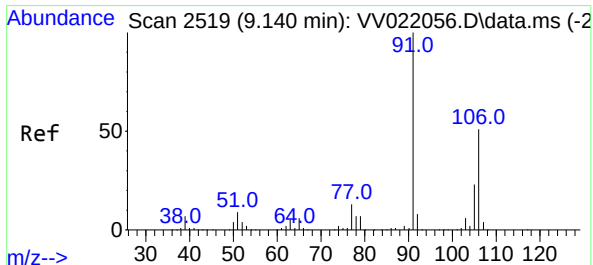
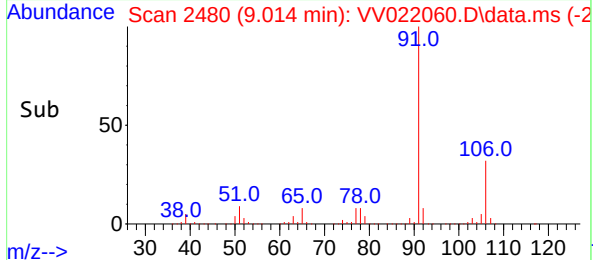
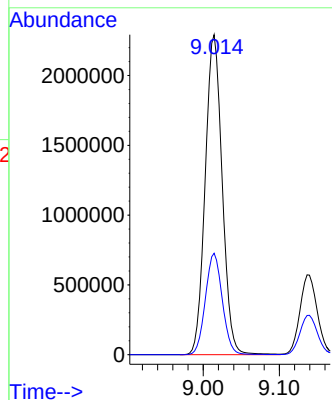
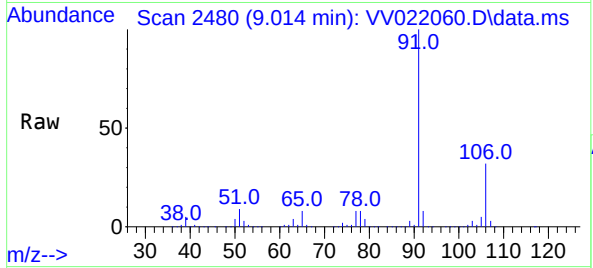




#52  
Ethylbenzene  
Concen: 298.112 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. -0.000 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

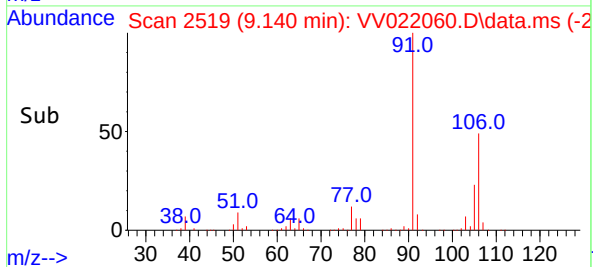
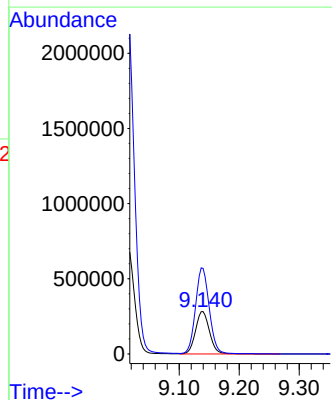
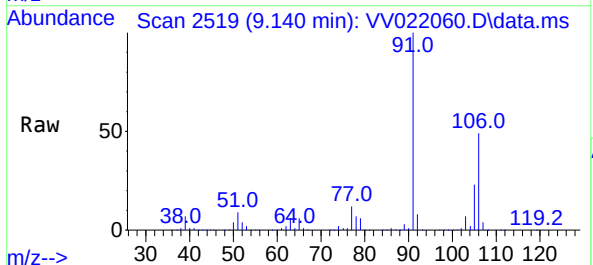
Instrument :  
MSVOA\_V  
ClientSampled :  
DBKJ8

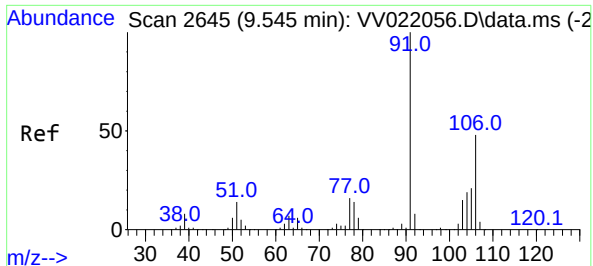
Tgt Ion: 91 Resp: 3556803  
Ion Ratio Lower Upper  
91 100  
106 31.7 21.7 40.3



#53  
m,p-Xylene  
Concen: 98.690 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. -0.000 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

Tgt Ion: 106 Resp: 457668  
Ion Ratio Lower Upper  
106 100  
91 202.3 139.1 258.3

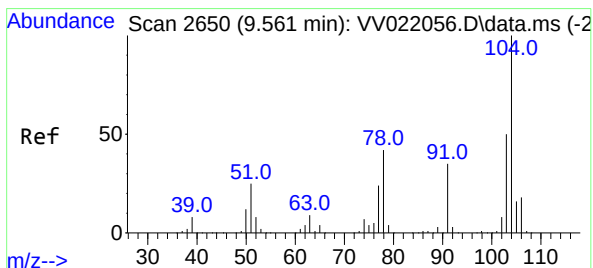
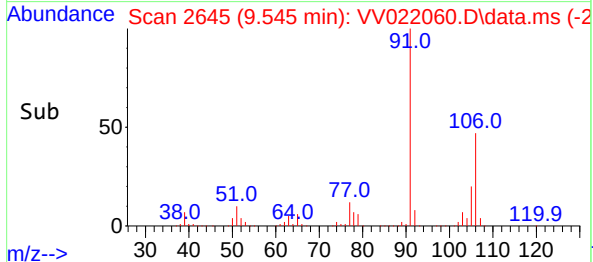
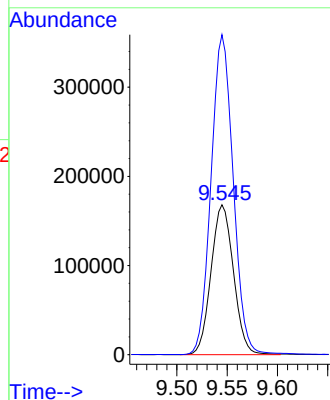
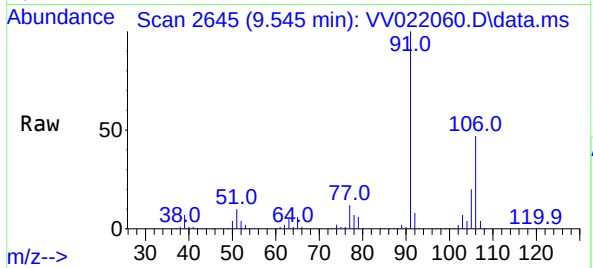




#54  
o-Xylene  
Concen: 56.914 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. -0.000 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

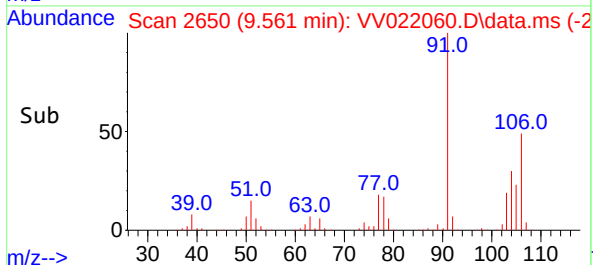
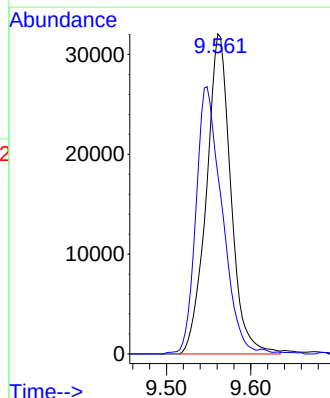
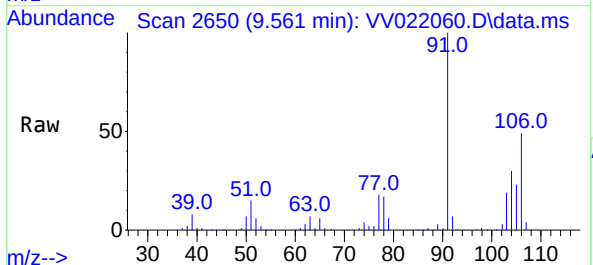
Instrument :  
MSVOA\_V  
ClientSampled :  
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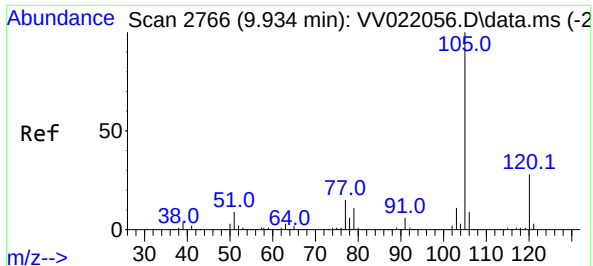
Tgt Ion:106 Resp: 261150  
Ion Ratio Lower Upper  
106 100  
91 213.4 150.1 278.9



#55  
Styrene  
Concen: 8.254 ug/L  
RT: 9.561 min Scan# 2650  
Delta R.T. -0.000 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

Tgt Ion:104 Resp: 64630  
Ion Ratio Lower Upper  
104 100  
78 56.1 28.6 53.2#

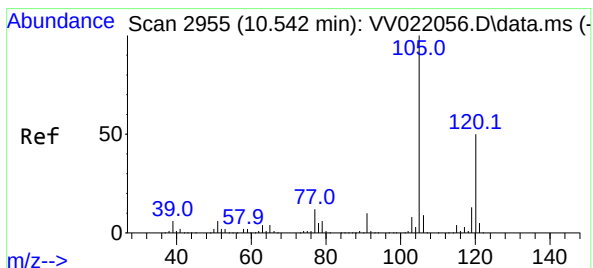
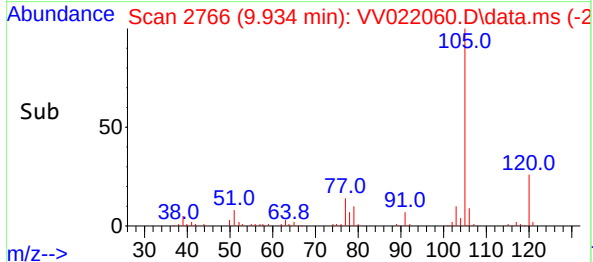
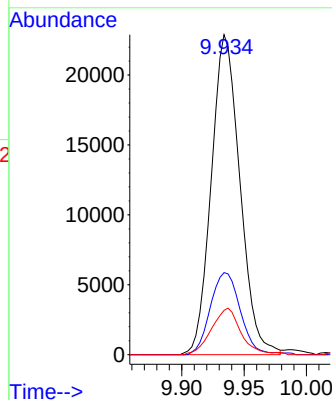
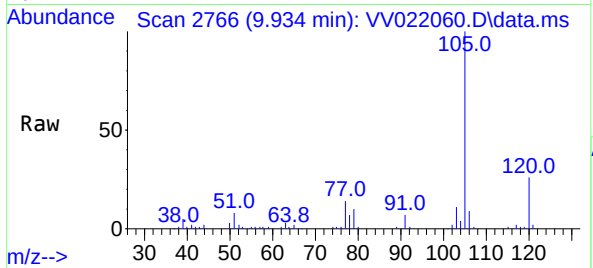




#60  
Isopropylbenzene  
Concen: 2.852 ug/L  
RT: 9.934 min Scan# 2766  
Delta R.T. -0.000 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

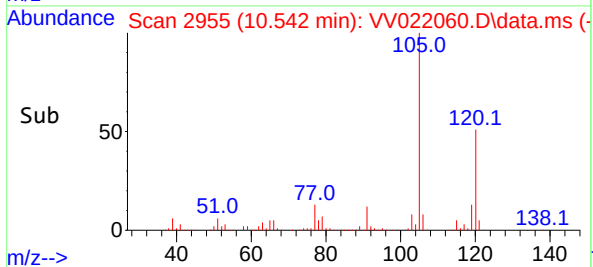
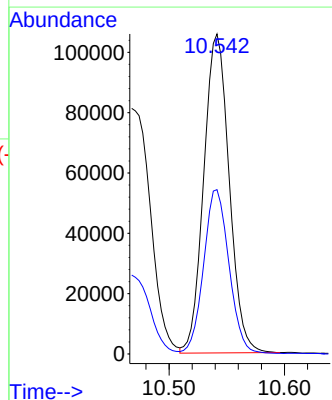
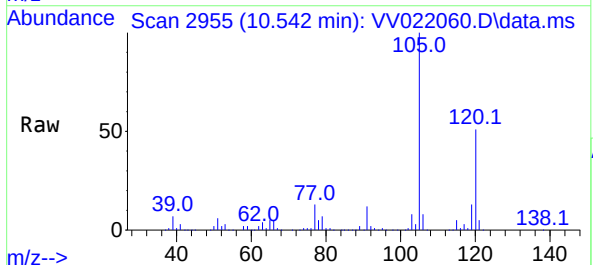
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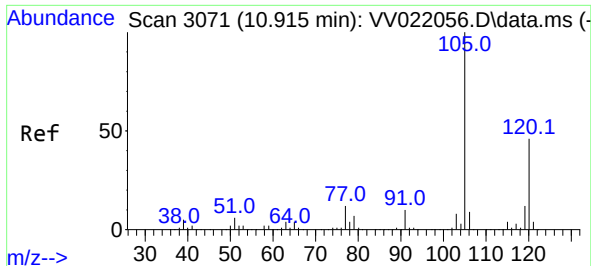
Tgt Ion:105 Resp: 36620  
Ion Ratio Lower Upper  
105 100  
120 26.7 21.5 32.3  
77 14.8 11.8 17.6



#62  
1,3,5-Trimethylbenzene  
Concen: 15.013 ug/L  
RT: 10.542 min Scan# 2955  
Delta R.T. -0.000 min  
Lab File: VV022060.D  
Acq: 01 Sep 2021 12:23

Tgt Ion:105 Resp: 161861  
Ion Ratio Lower Upper  
105 100  
120 51.1 39.6 59.4





#63  
 1,2,4-Trimethylbenzene  
 Concen: 51.023 ug/L  
 RT: 10.915 min Scan# 3071  
 Delta R.T. -0.000 min  
 Lab File: VV022060.D  
 Acq: 01 Sep 2021 12:23

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Tgt Ion:105 Resp: 559141  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 37.4 56.0

