

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100822\  
 Data File : VW028484.D  
 Acq On : 09 Oct 2022 14:18  
 Operator : SY/MD  
 Sample : N4923-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E10031

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 10/10/2022  
 Supervised By :Mahesh Dadoda 10/10/2022

Quant Time: Oct 10 05:27:11 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  | 366354              | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.847          | 117  | 336327              | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239         | 152  | 179381              | 50.000  | ug/L  | 0.00     |
|                               |                |      |                     |         |       |          |
| System Monitoring Compounds   |                |      |                     |         |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 145925              | 51.622  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 103.240% |         |       |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 109363              | 48.791  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 97.580%  |         |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 184831m             | 38.418  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 76.840%  |         |       |          |
| 21) 2-Butanone-d5             | 3.902          | 46   | 206475              | 83.438  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 83.440%  |         |       |          |
| 24) Chloroform-d              | 4.339          | 84   | 263425              | 50.810  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 101.620% |         |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 174200              | 52.100  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 104.200% |         |       |          |
| 32) Benzene-d6                | 5.043          | 84   | 559993              | 51.962  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 103.920% |         |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 172814              | 49.182  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 98.360%  |         |       |          |
| 41) Toluene-d8                | 7.310          | 98   | 504899              | 52.328  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 104.660% |         |       |          |
| 43) trans-1,3-Dichloroprop... | 7.616          | 79   | 85355               | 47.658  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 95.320%  |         |       |          |
| 47) 2-Hexanone-d5             | 8.085          | 63   | 173742              | 90.897  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 90.900%  |         |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207         | 84   | 220076              | 45.770  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 91.540%  |         |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.615         | 152  | 186586              | 50.199  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 100.400% |         |       |          |
|                               |                |      |                     |         |       |          |
| Target Compounds              |                |      |                     |         |       | Qvalue   |
| 14) Carbon disulfide          | 2.288          | 76   | 4250                | 0.620   | ug/L  | 98       |
| 33) Benzene                   | 5.095          | 78   | 254669              | 23.023  | ug/L  | 100      |
| 42) Toluene                   | 7.381          | 91   | 450397              | 39.503  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.005          | 91   | 1783767             | 143.539 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.130          | 106  | 572817              | 121.611 | ug/L  | 98       |
| 54) o-Xylene                  | 9.535          | 106  | 312451              | 66.249  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.924          | 105  | 267055              | 20.660  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.532         | 105  | 241543              | 21.576  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.905         | 105  | 972649              | 87.530  | ug/L  | 99       |
| -----                         |                |      |                     |         |       |          |

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

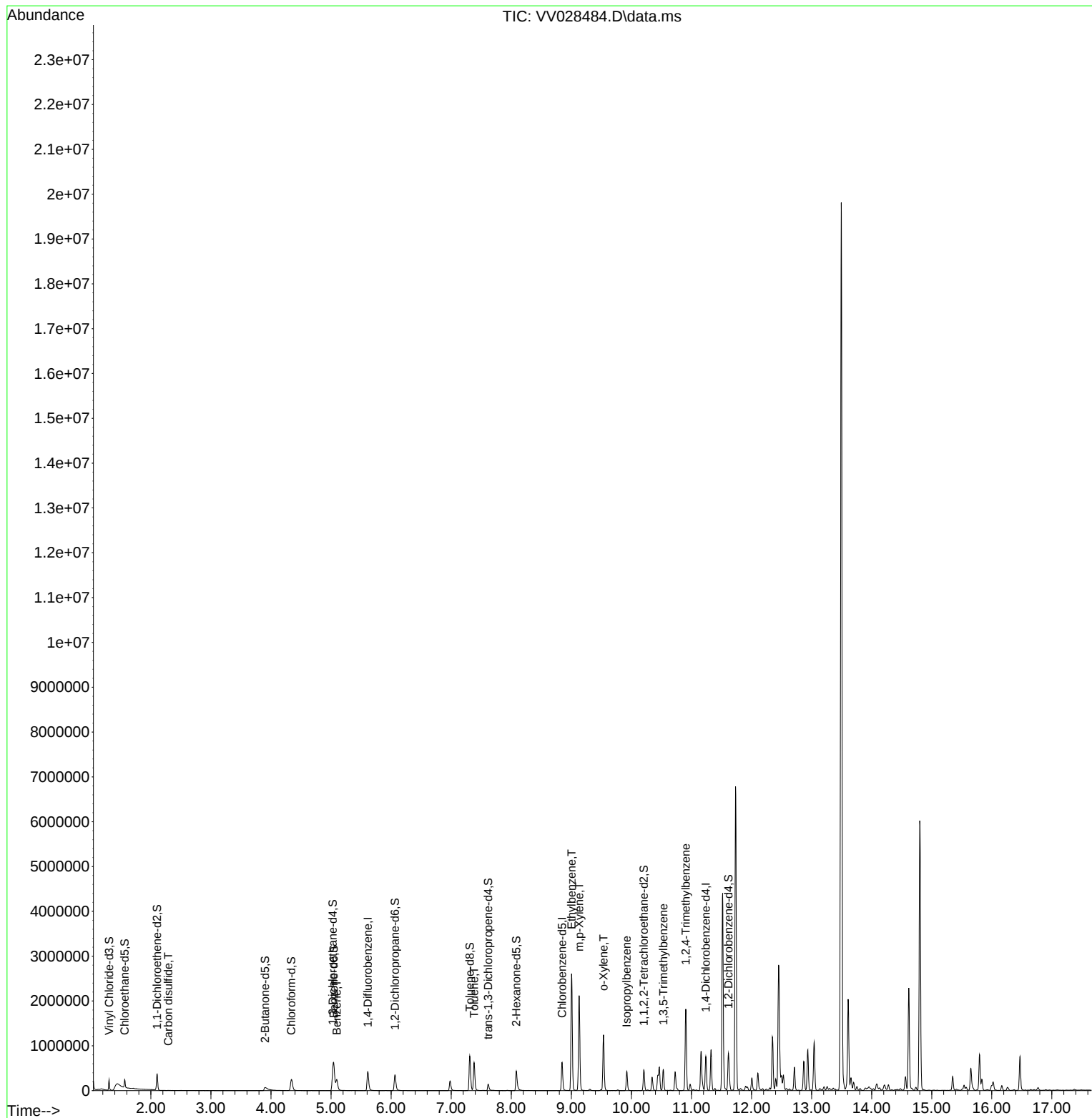
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100822\  
Data File : VV028484.D  
Acq On : 09 Oct 2022 14:18  
Operator : SY/MD  
Sample : N4923-05  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 46 Sample Multiplier: 1

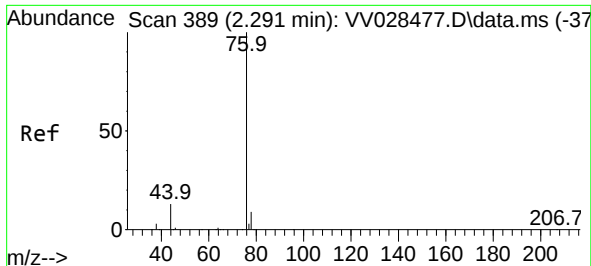
Instrument :  
MSVOA\_V  
ClientSampleId :  
E10031

Quant Time: Oct 10 05:27:11 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

Manual Integrations  
APPROVED

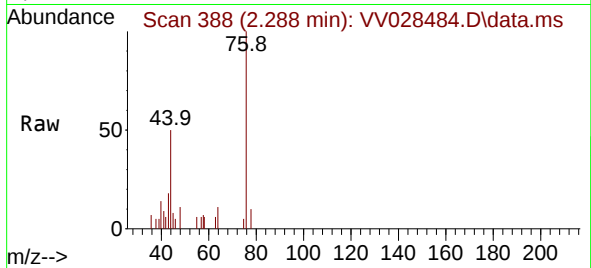
Reviewed By :Krupa Patel 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022





#14  
Carbon disulfide  
Concen: 0.620 ug/L  
RT: 2.288 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18

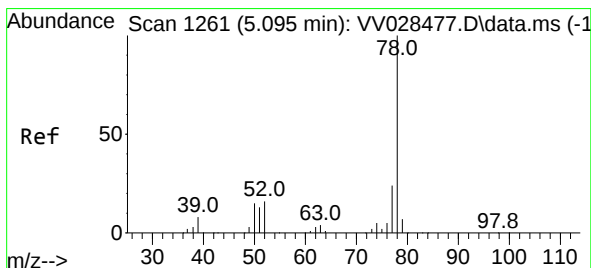
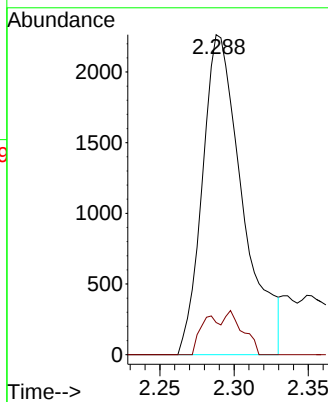
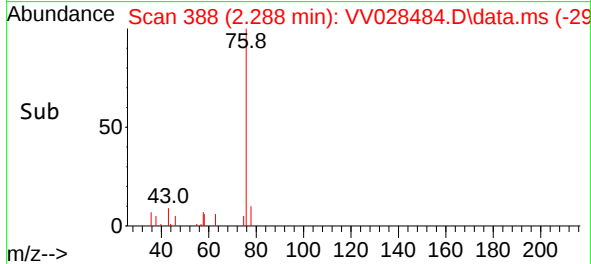
Instrument :  
MSVOA\_V  
ClientSampleId :  
E10031



Tgt Ion: 76 Resp: 4250  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.4 11.0

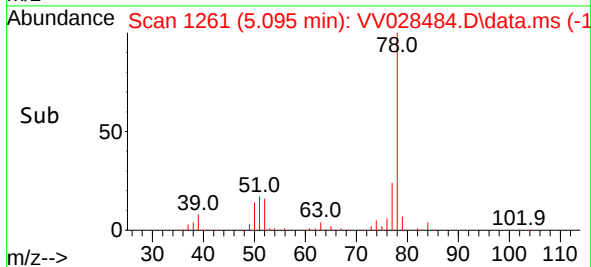
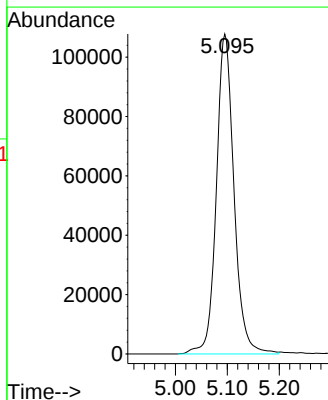
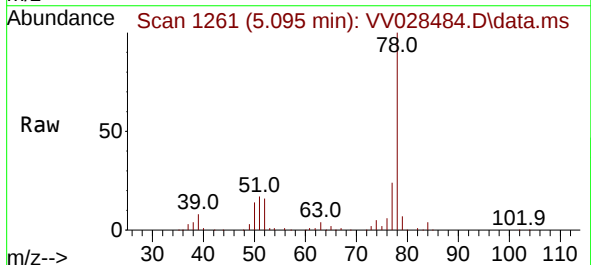
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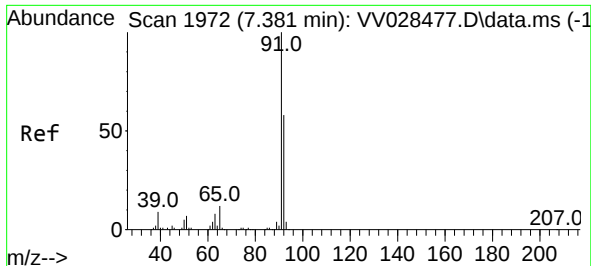
Reviewed By :Krupa Patel 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#33  
Benzene  
Concen: 23.023 ug/L  
RT: 5.095 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18

Tgt Ion: 78 Resp: 254669





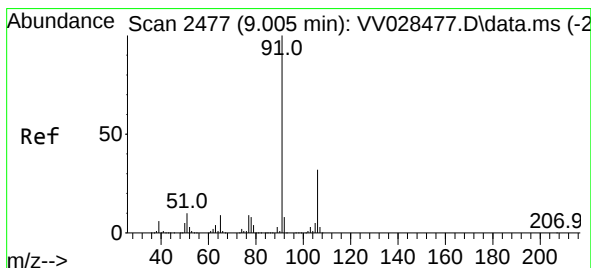
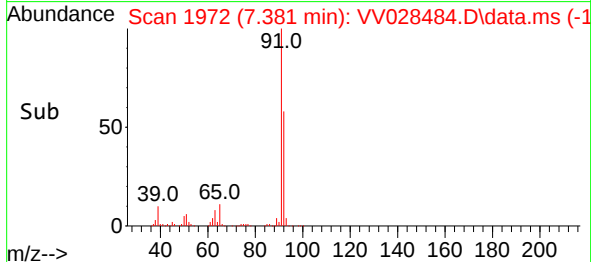
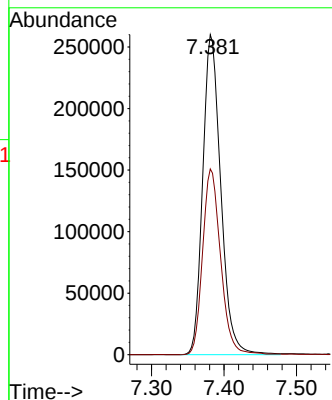
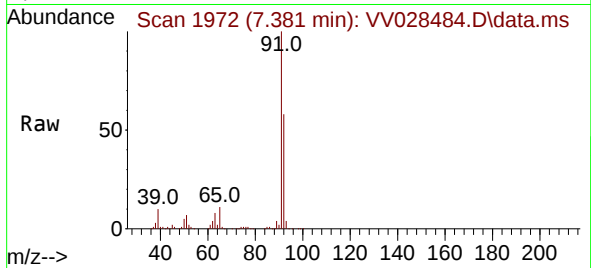
#42  
Toluene  
Concen: 39.503 ug/L  
RT: 7.381 min Scan# 1972  
Delta R.T. -0.000 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18

Instrument : MSVOA\_V  
ClientSampleId : E10031

Tgt Ion: 91 Resp: 450397  
Ion Ratio Lower Upper  
91 100  
92 58.1 40.9 76.0

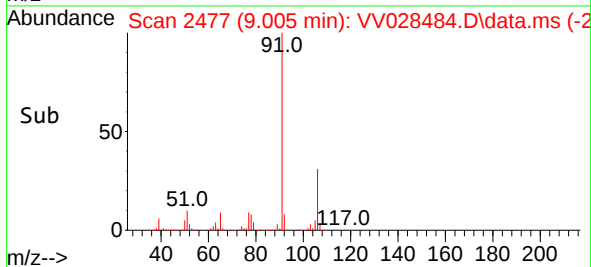
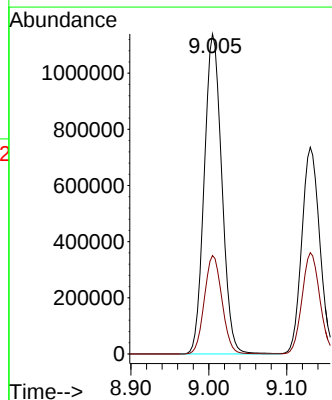
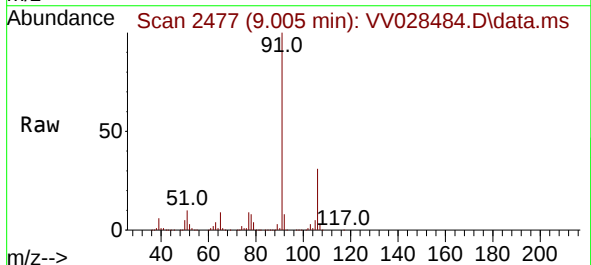
Manual Integrations  
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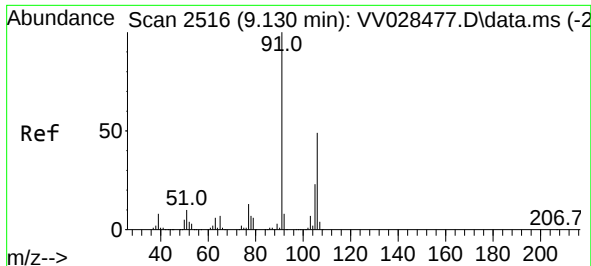
Reviewed By :Krupa Patel 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#52  
Ethylbenzene  
Concen: 143.539 ug/L  
RT: 9.005 min Scan# 2477  
Delta R.T. -0.000 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18

Tgt Ion: 91 Resp: 1783767  
Ion Ratio Lower Upper  
91 100  
106 30.8 21.4 39.8





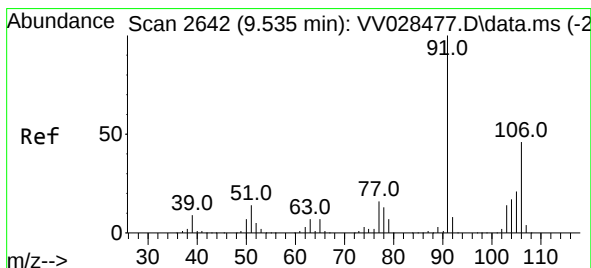
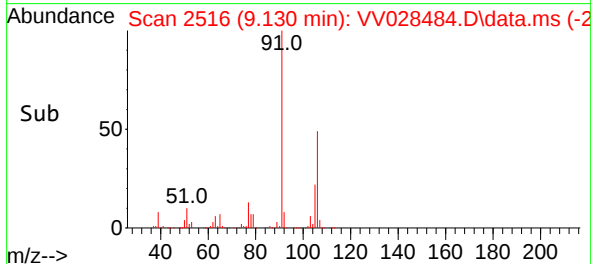
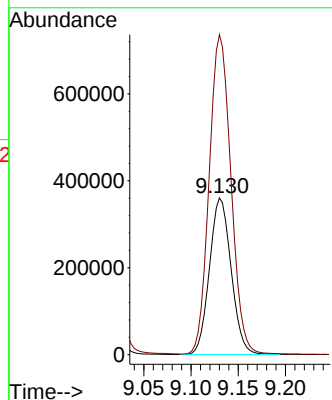
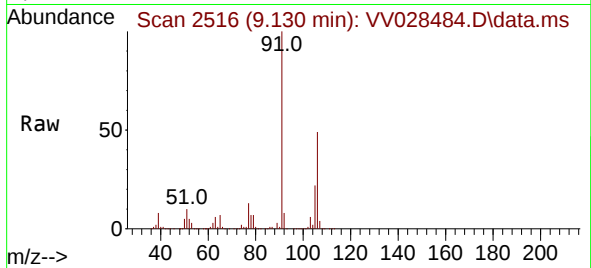
#53  
m,p-Xylene  
Concen: 121.611 ug/L  
RT: 9.130 min Scan# 2516  
Delta R.T. -0.000 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18

Instrument : MSVOA\_V  
ClientSampleId : E10031

Tgt Ion:106 Resp: 57281  
Ion Ratio Lower Upper  
106 100  
91 204.1 145.2 269.6

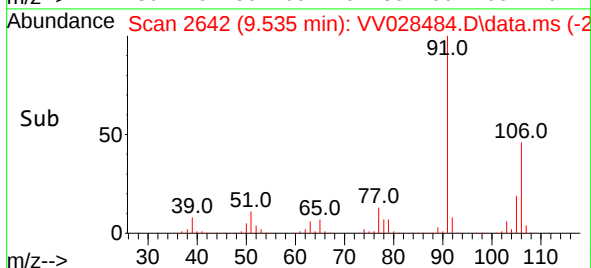
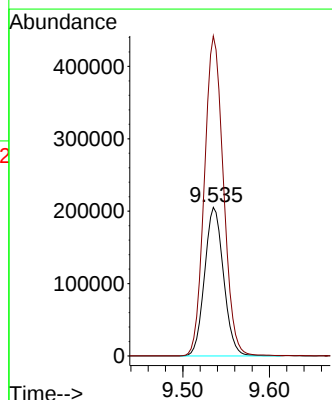
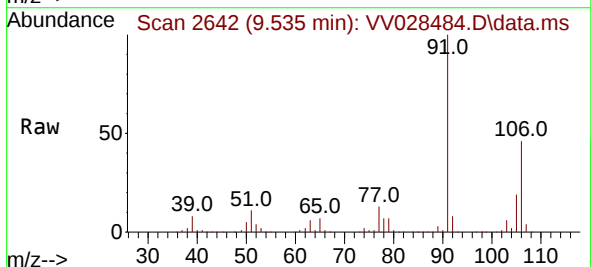
Manual Integrations  
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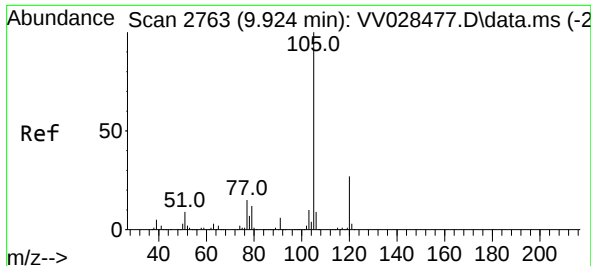
Reviewed By :Krupa Patel 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#54  
o-Xylene  
Concen: 66.249 ug/L  
RT: 9.535 min Scan# 2642  
Delta R.T. 0.000 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18

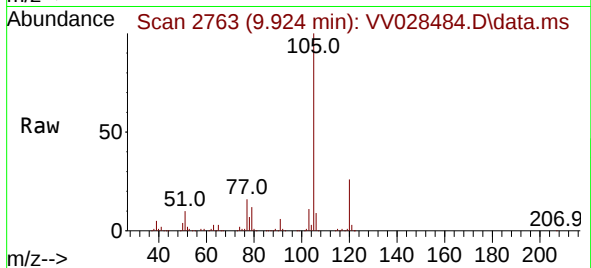
Tgt Ion:106 Resp: 312451  
Ion Ratio Lower Upper  
106 100  
91 215.2 152.5 283.3





#60  
Isopropylbenzene  
Concen: 20.660 ug/L  
RT: 9.924 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18

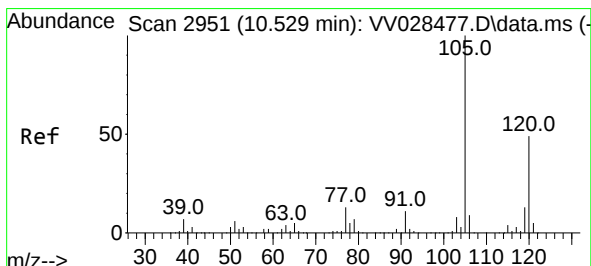
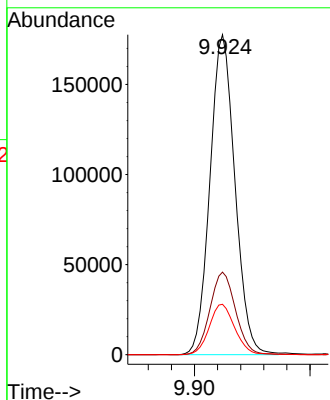
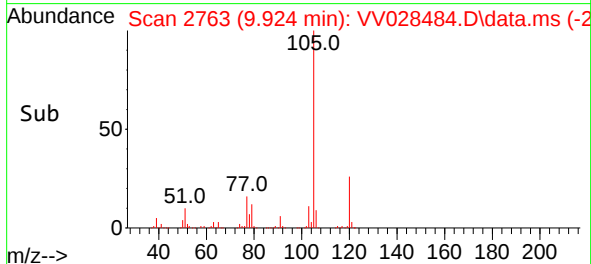
Instrument :  
MSVOA\_V  
ClientSampleId :  
E10031



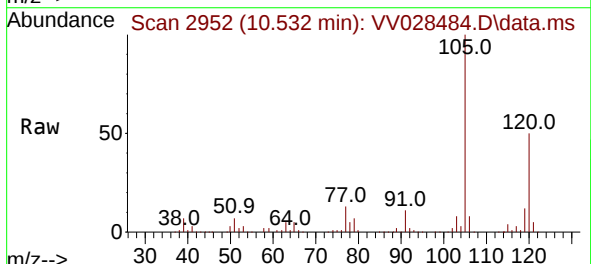
Tgt Ion:105 Resp: 26705  
Ion Ratio Lower Upper  
105 100  
120 26.5 20.5 30.7  
77 16.2 12.7 19.1

Manual Integrations  
APPROVED

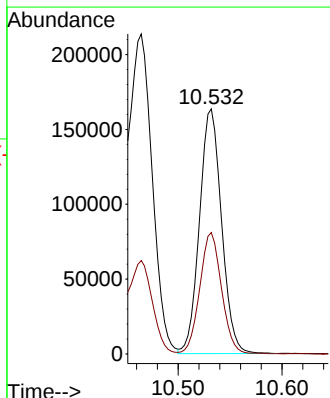
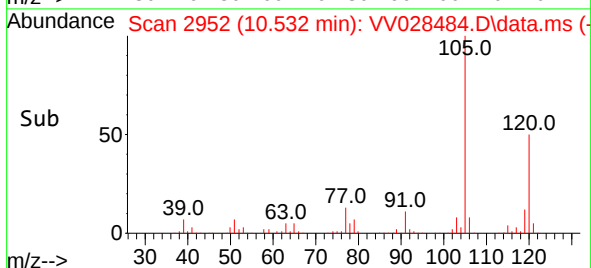
Reviewed By :Krupa Patel 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022

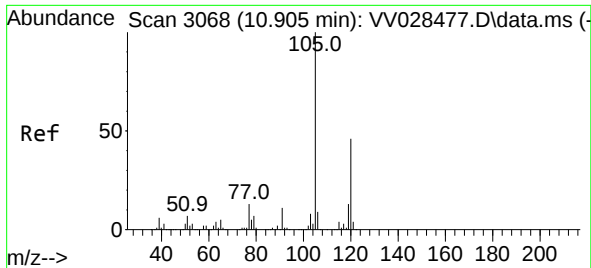


#62  
1,3,5-Trimethylbenzene  
Concen: 21.576 ug/L  
RT: 10.532 min Scan# 2952  
Delta R.T. 0.003 min  
Lab File: VV028484.D  
Acq: 09 Oct 2022 14:18



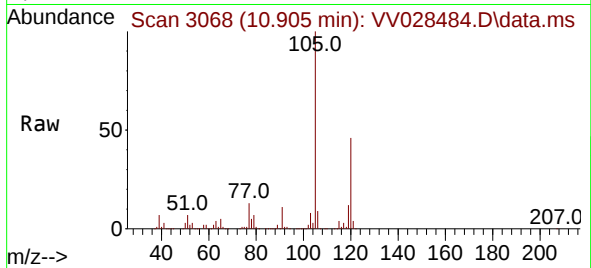
Tgt Ion:105 Resp: 241543  
Ion Ratio Lower Upper  
105 100  
120 48.7 39.1 58.7





#63  
 1,2,4-Trimethylbenzene  
 Concen: 87.530 ug/L  
 RT: 10.905 min Scan# 3068  
 Delta R.T. -0.000 min  
 Lab File: VV028484.D  
 Acq: 09 Oct 2022 14:18

Instrument : MSVOA\_V  
 ClientSampleId : E10031



Tgt Ion:105 Resp: 972649  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 35.9 53.9

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