

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100722\  
 Data File : VV028422.D  
 Acq On : 07 Oct 2022 21:12  
 Operator : SY/MD  
 Sample : N4889-01 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 30 Sample Multiplier: 1

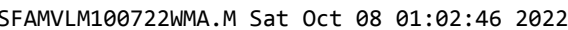
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXZ59

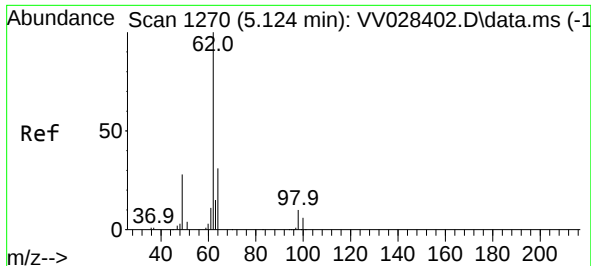
Quant Time: Oct 08 01:02:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 23:51:49 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612   | 114   | 387063   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117   | 340927   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239  | 152   | 161641   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 109777   | 36.756   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 73.520%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 97864    | 41.325   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 82.660%  |
| 11) 1,1-Dichloroethene-d2     | 2.101   | 63    | 149967   | 29.504   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.000%# |
| 21) 2-Butanone-d5             | 3.902   | 46    | 258895   | 99.024   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 99.020%  |
| 24) Chloroform-d              | 4.342   | 84    | 256087   | 46.752   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.500%  |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 179144   | 50.712   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.420% |
| 32) Benzene-d6                | 5.043   | 84    | 532605   | 48.753   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.500%  |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 178766   | 50.189   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 100.380% |
| 41) Toluene-d8                | 7.310   | 98    | 470833   | 48.139   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.280%  |
| 43) trans-1,3-Dichloroprop... | 7.616   | 79    | 86006    | 47.374   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 94.740%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 194097   | 100.176  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 100.180% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207  | 84    | 241785   | 49.607   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.220%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.615  | 152   | 169611   | 50.641   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.280% |
| Target Compounds              |         |       |          |          |        |          |
| 27) 1,2-Dichloroethane        | 5.043   | 62    | 3203     | 0.794    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.066   | 83    | 41870    | 8.658    | ug/L # | 17       |
| 52) Ethylbenzene              | 9.011   | 91    | 23941    | 1.901    | ug/L   | 95       |
| 53) m,p-Xylene                | 9.130   | 106   | 260907   | 54.644   | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911  | 105   | 20684    | 2.066    | ug/L   | 96       |

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

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#27

1,2-Dichloroethane

Concen: 0.794 ug/L

RT: 5.043 min Scan# 1

Delta R.T. -0.081 min

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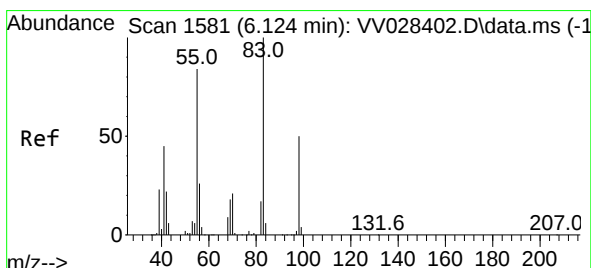
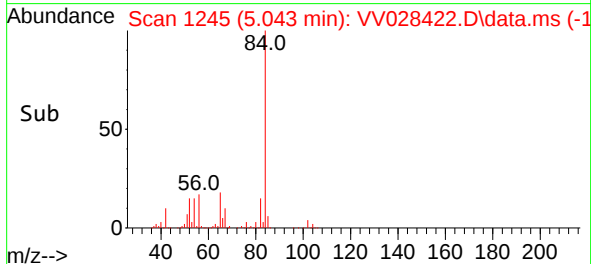
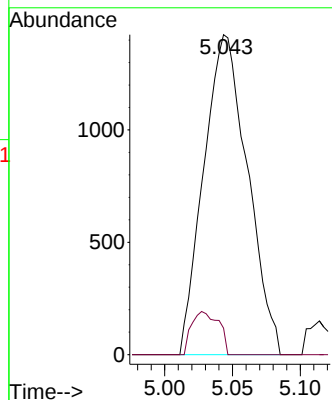
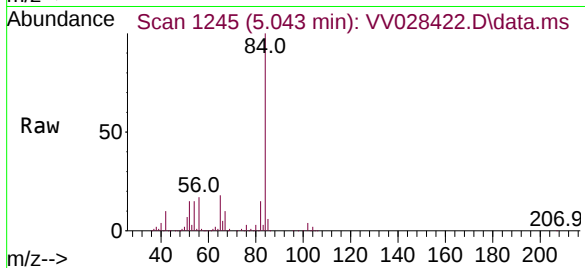
EXZ59

Tgt Ion: 62 Resp: 3203

Ion Ratio Lower Upper

62 100

98 8.3 7.6 11.4



#35

Methylcyclohexane

Concen: 8.658 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028422.D

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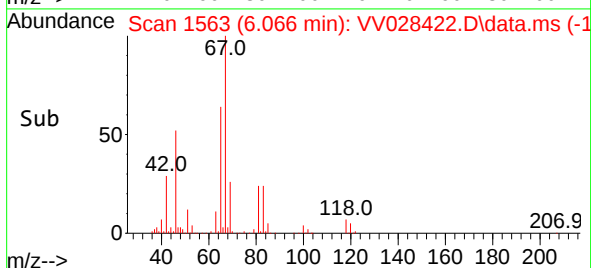
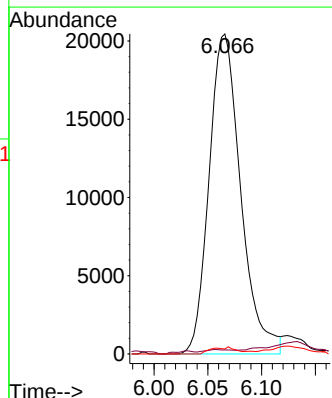
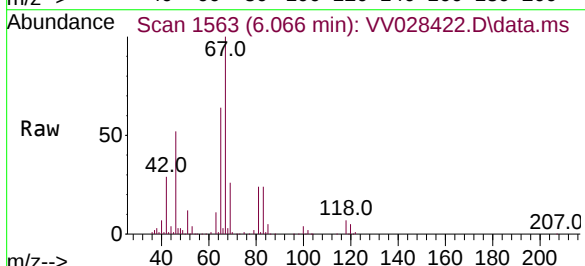
Tgt Ion: 83 Resp: 41870

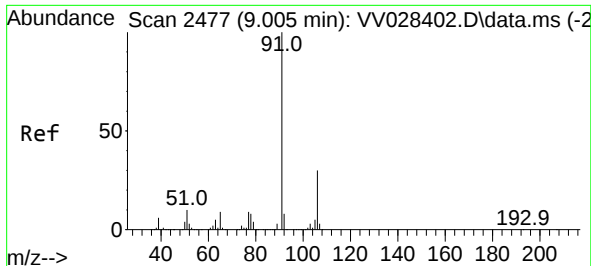
Ion Ratio Lower Upper

83 100

55 0.0 63.7 95.5#

98 0.6 38.2 57.2#





#52

Ethylbenzene

Concen: 1.901 ug/L

RT: 9.011 min Scan# 2477

Delta R.T. 0.006 min

Lab File: VV028422.D

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Instrument :

MSVOA\_V

ClientSampleId :

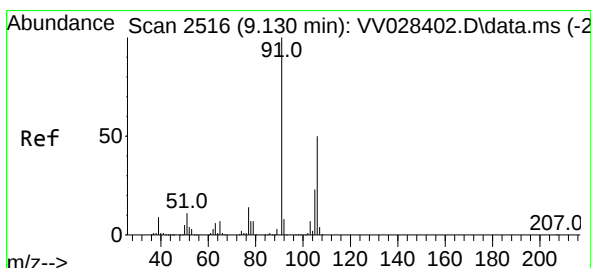
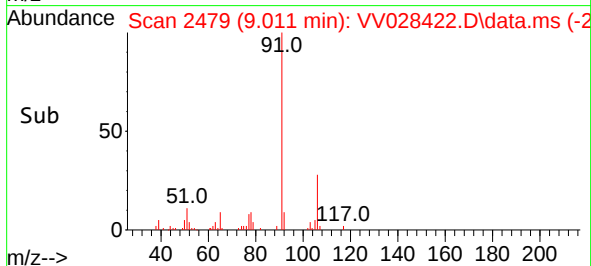
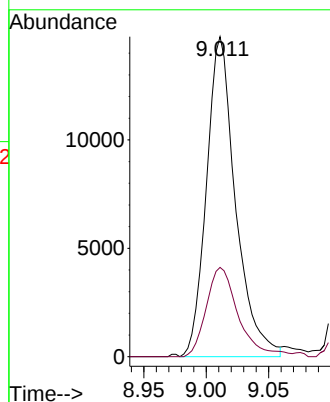
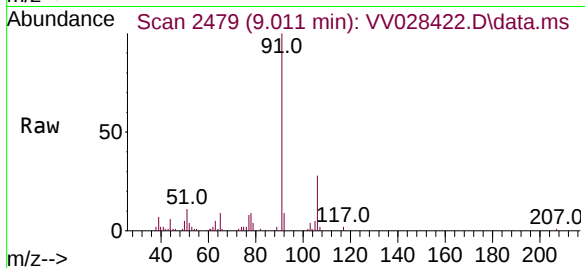
EXZ59

Tgt Ion: 91 Resp: 23941

Ion Ratio Lower Upper

91 100

106 27.9 21.4 39.8



#53

m,p-Xylene

Concen: 54.644 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV028422.D

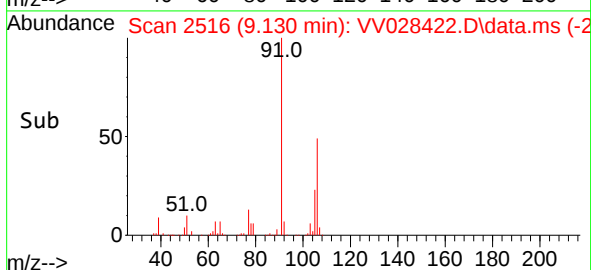
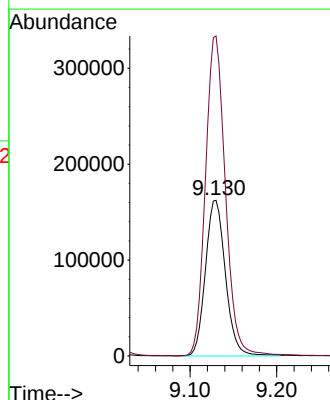
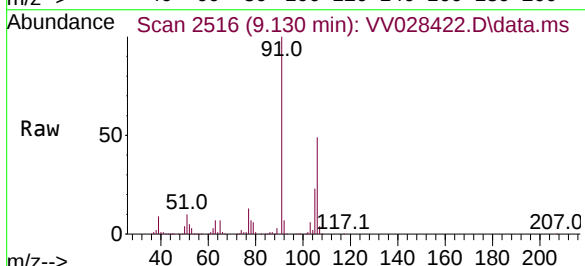
Acq: 07 Oct 2022 21:12

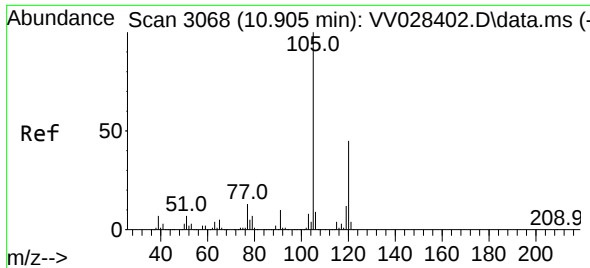
Tgt Ion:106 Resp: 260907

Ion Ratio Lower Upper

106 100

91 205.5 145.2 269.6





#63

1,2,4-Trimethylbenzene

Concen: 2.066 ug/L

RT: 10.911 min Scan# 3068

Delta R.T. 0.006 min

Lab File: VV028422.D

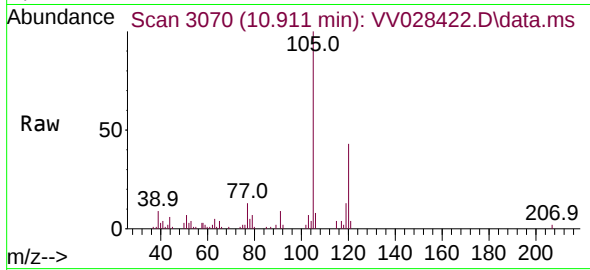
Acq: 07 Oct 2022 21:12

Instrument :

MSVOA\_V

ClientSampleId :

EXZ59



Tgt Ion:105 Resp: 20684

Ion Ratio Lower Upper

105 100

120 42.6 35.9 53.9

