

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW040522\  
 Data File : VW025350.D  
 Acq On : 05 Apr 2022 12:36  
 Operator : SY/MD  
 Sample : N2261-01  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFY38

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/06/2022  
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:29:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 06 01:28:15 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 132188   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 128864   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 64100    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 55695    | 4.511    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 50756    | 4.898    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 92798    | 3.470    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 69.400%  |
| 20) 2-Butanone-d5             | 3.912  | 46    | 59434m   | 48.322   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.640%  |
| 24) Chloroform-d              | 4.342  | 84    | 78529    | 4.873    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 33759    | 4.740    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.043  | 84    | 146709   | 4.500    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 42527    | 4.655    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.000%  |
| 41) Toluene-d8                | 7.313  | 98    | 124315   | 4.157    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.200%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 13739    | 4.609    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.200%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 47232    | 43.876   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 87.760%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 28562    | 4.688    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 47539    | 4.618    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 13473    | 1.012    | ug/L # | 1        |
| 13) Acetone                   | 2.207  | 43    | 9339m    | 9.951    | ug/L   |          |
| 16) Methylene chloride        | 2.507  | 84    | 2031     | 0.194    | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 3.188  | 63    | 26432    | 1.658    | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97    | 2008     | 0.129    | ug/L # | 88       |
| 33) Benzene                   | 5.101  | 78    | 4617     | 0.122    | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95    | 2565     | 0.247    | ug/L   | 82       |
| 42) Toluene                   | 7.391  | 91    | 14287    | 0.354    | ug/L   | 93       |
| 47) Tetrachloroethene         | 7.976  | 164   | 1228     | 0.160    | ug/L   | 88       |
| 52) Ethylbenzene              | 9.018  | 91    | 6117     | 0.143    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.143  | 106   | 3419     | 0.205    | ug/L   | 85       |
| 54) o-Xylene                  | 9.548  | 106   | 1765     | 0.111    | ug/L   | 88       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105   | 3881     | 0.114    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

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

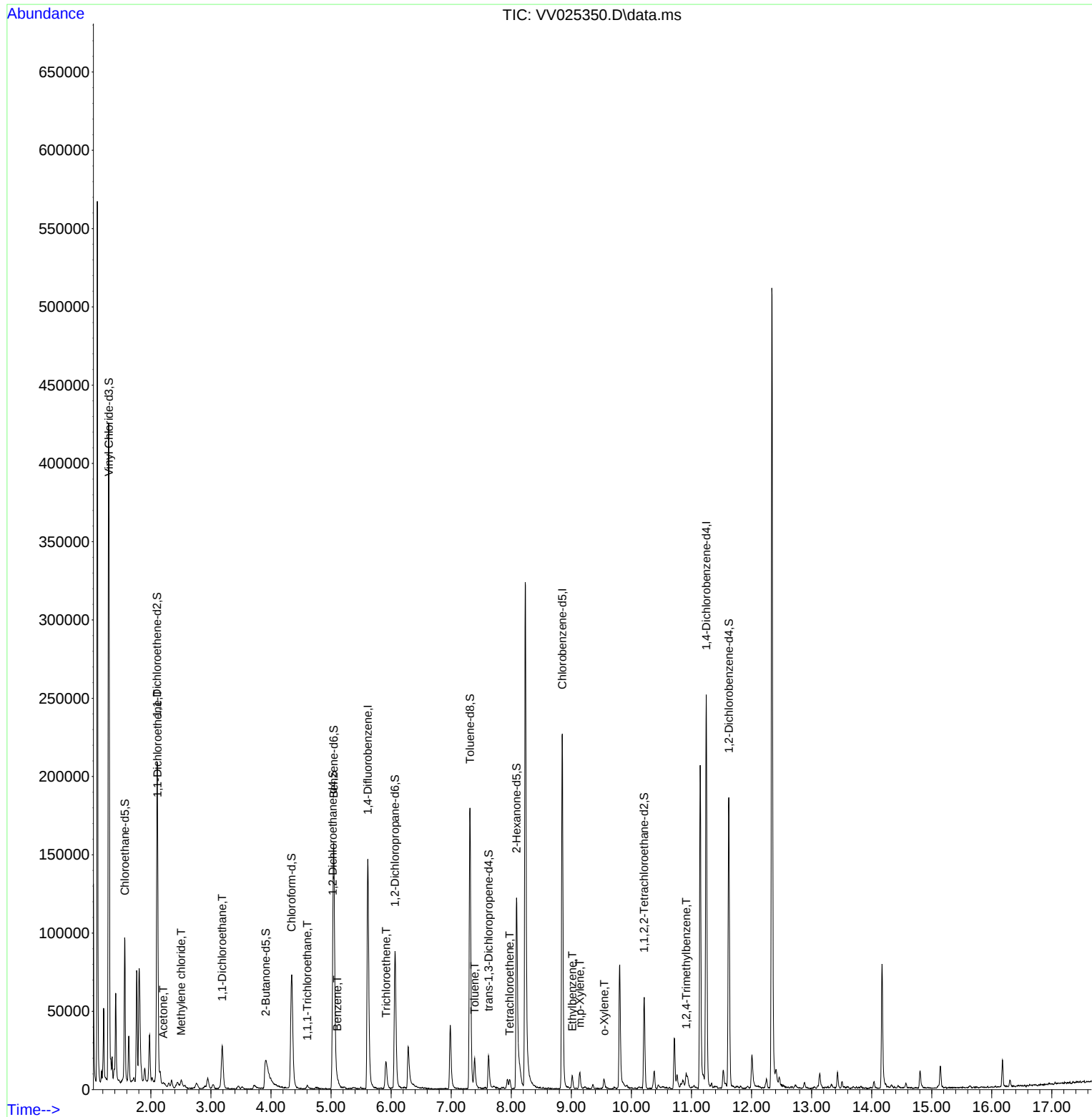
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040522\  
Data File : VV025350.D  
Acq On : 05 Apr 2022 12:36  
Operator : SY/MD  
Sample : N2261-01  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

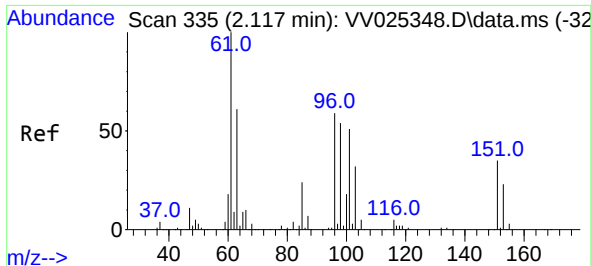
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFY38

Manual Integrations  
APPROVED

Reviewed By : John Carlone 04/06/2022  
Supervised By : Mahesh Dadoda 04/06/2022

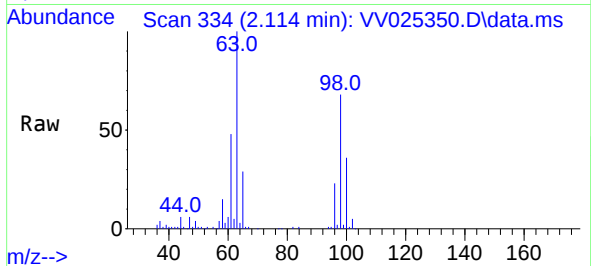
Quant Time: Apr 06 01:29:18 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 06 01:28:15 2022  
Response via : Initial Calibration





#12  
1,1-Dichloroethene  
Concen: 1.012 ug/L  
RT: 2.114 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36

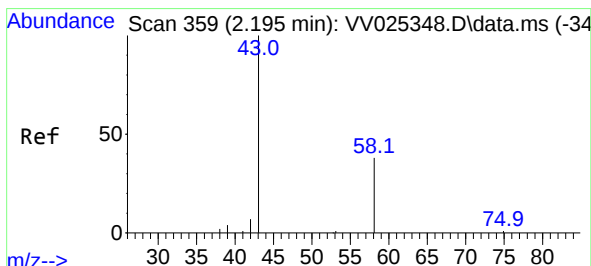
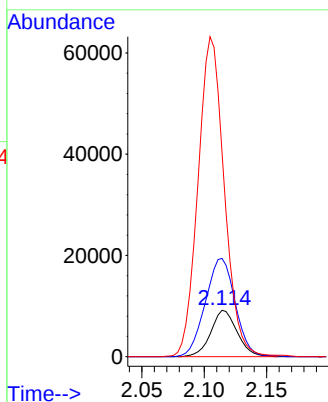
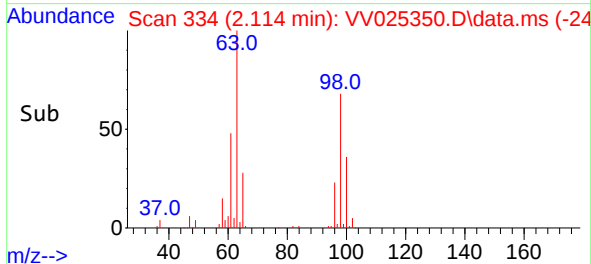
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFY38



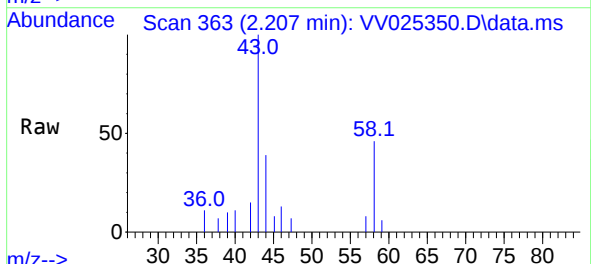
Tgt Ion: 96 Resp: 1347  
Ion Ratio Lower Upper  
96 100  
61 211.8 121.5 225.7  
63 440.5 77.9 144.7

Manual Integrations  
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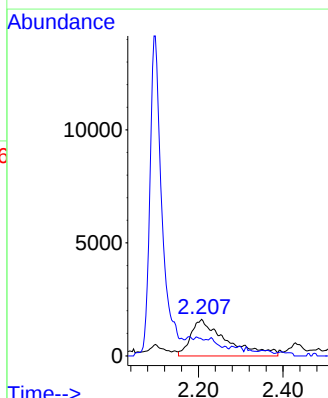
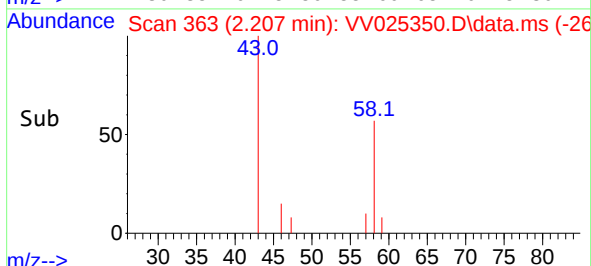
Reviewed By :John Carlone 04/06/2022  
Supervised By :Mahesh Dadoda 04/06/2022

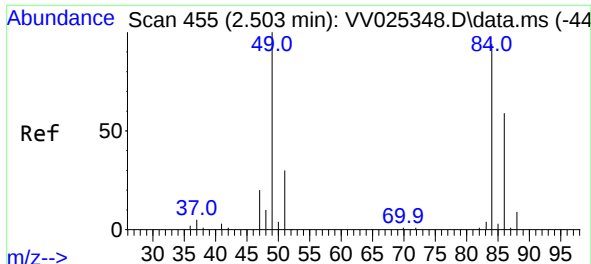


#13  
Acetone  
Concen: 9.951 ug/L m  
RT: 2.207 min Scan# 363  
Delta R.T. 0.013 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36



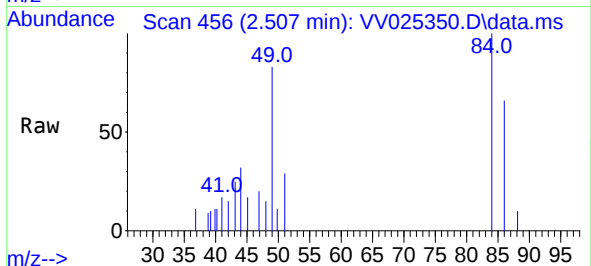
Tgt Ion: 43 Resp: 9339  
Ion Ratio Lower Upper  
43 100  
58 0.0 0.0 51.2





#16  
Methylene chloride  
Concen: 0.194 ug/L  
RT: 2.507 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36

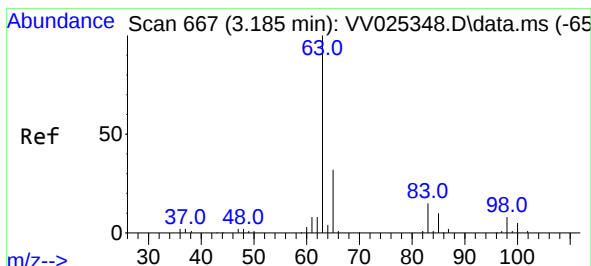
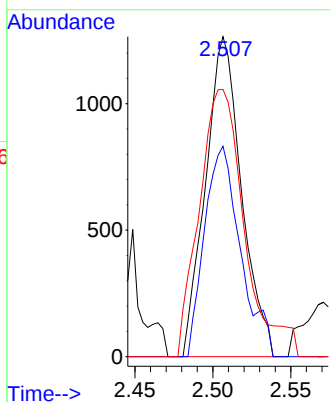
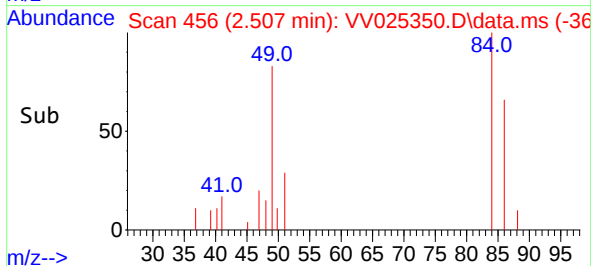
Instrument :  
MSVOA\_V  
ClientSampleId :  
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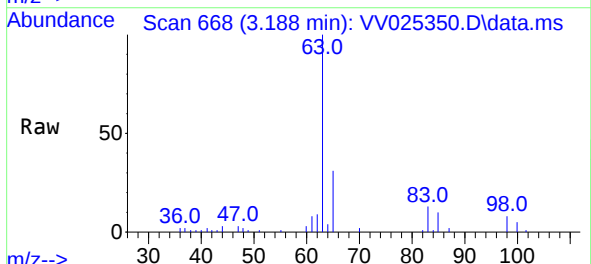
Tgt Ion: 84 Resp: 203  
Ion Ratio Lower Upper  
84 100  
86 65.8 43.5 80.7  
49 94.3 74.5 138.3

Manual Integrations  
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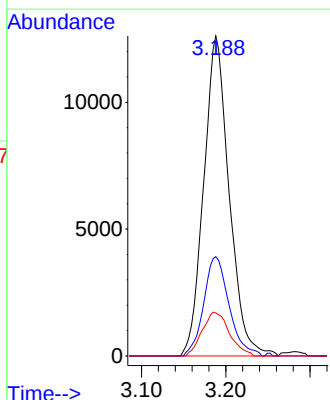
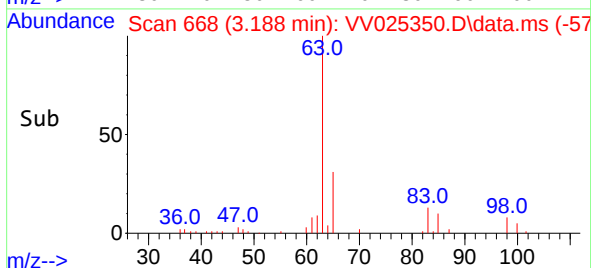
Reviewed By :John Carlone 04/06/2022  
Supervised By :Mahesh Dadoda 04/06/2022

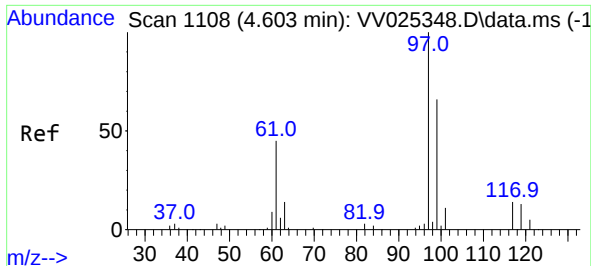


#19  
1,1-Dichloroethane  
Concen: 1.658 ug/L  
RT: 3.188 min Scan# 668  
Delta R.T. 0.003 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36



Tgt Ion: 63 Resp: 26432  
Ion Ratio Lower Upper  
63 100  
65 31.1 22.0 40.8  
83 13.4 10.2 19.0





#29

1,1,1-Trichloroethane

Concen: 0.129 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV025350.D

Acq: 05 Apr 2022 12:36

Instrument :

MSVOA\_V

ClientSampleId :

BFY38

Tgt Ion: 97 Resp: 2000

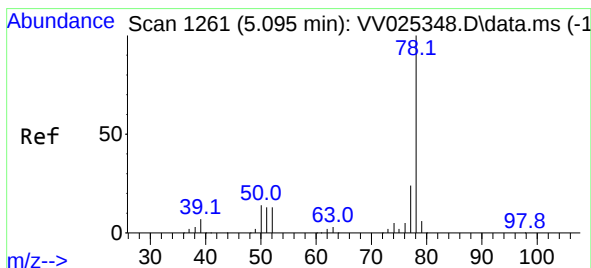
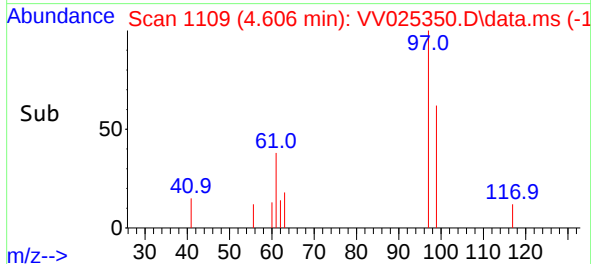
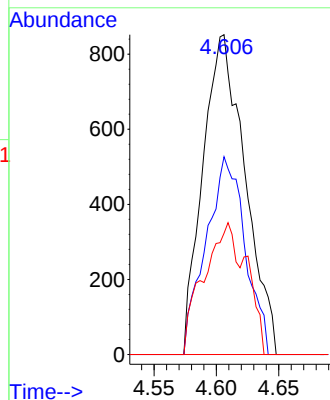
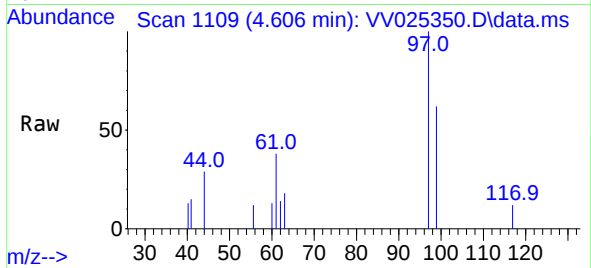
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 57.3  | 51.9  | 77.9  |
| 61  | 32.6  | 34.2  | 51.2  |

Manual Integrations

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Supervised By :Mahesh Dadoda 04/06/2022



#33

Benzene

Concen: 0.122 ug/L

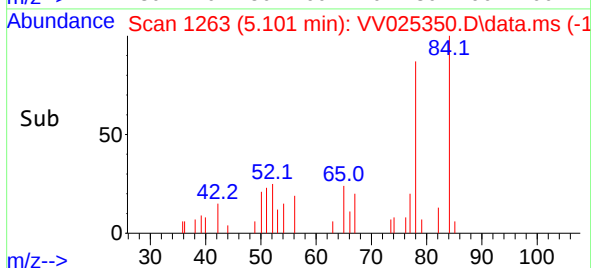
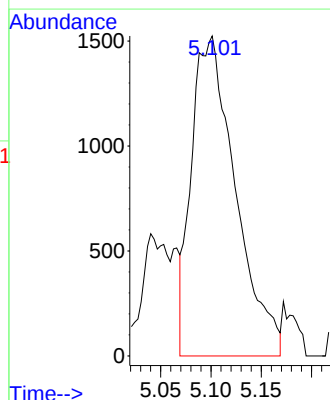
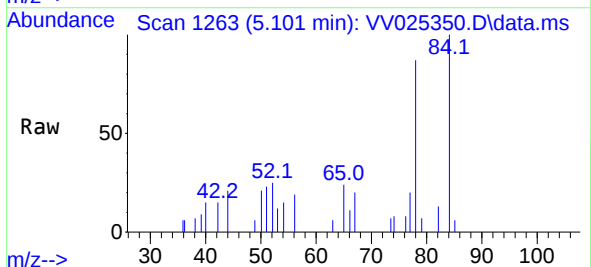
RT: 5.101 min Scan# 1263

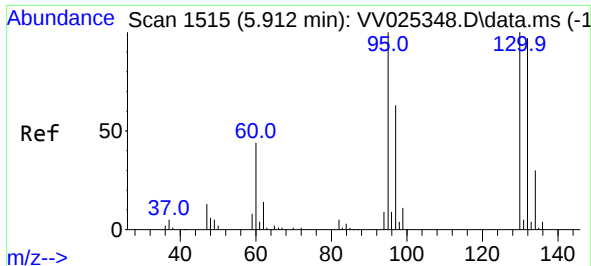
Delta R.T. 0.006 min

Lab File: VV025350.D

Acq: 05 Apr 2022 12:36

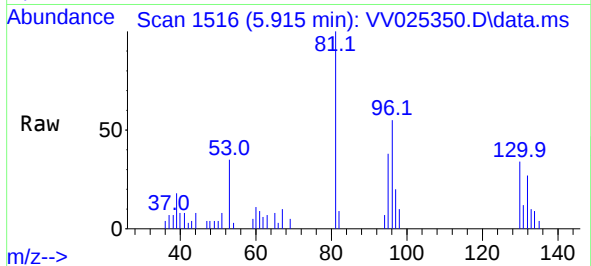
Tgt Ion: 78 Resp: 4617





#34  
Trichloroethene  
Concen: 0.247 ug/L  
RT: 5.915 min Scan# 1515  
Delta R.T. 0.003 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36

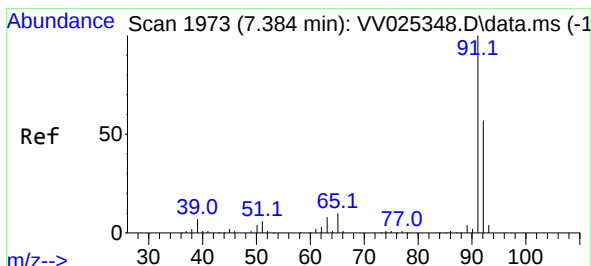
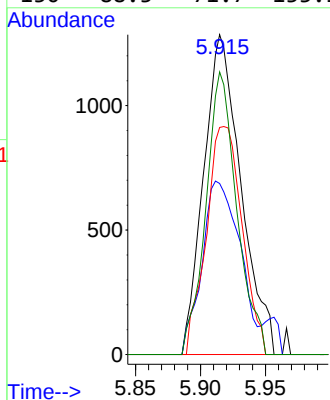
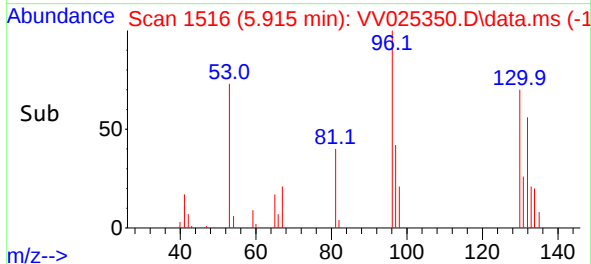
Instrument :  
MSVOA\_V  
ClientSampleId :  
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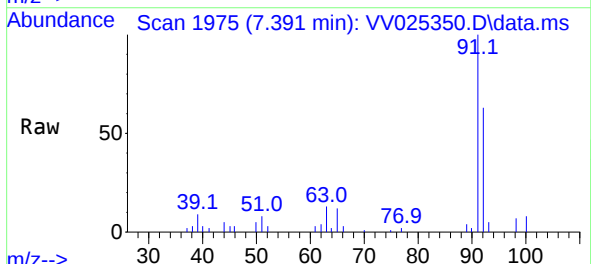
Tgt Ion: 95 Resp: 256  
Ion Ratio Lower Upper  
95 100  
97 53.5 46.3 85.9  
132 71.0 65.2 121.2  
130 88.3 71.7 133.1

Manual Integrations  
APPROVED

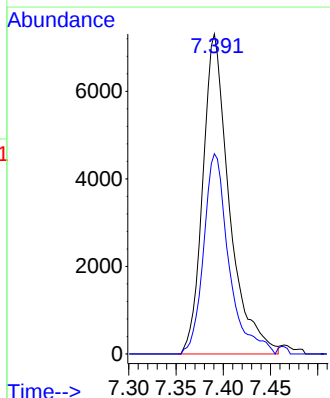
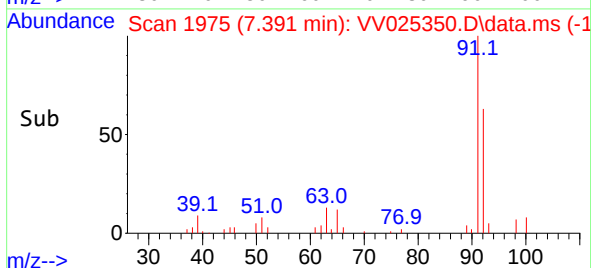
Reviewed By :John Carlone 04/06/2022  
Supervised By :Mahesh Dadoda 04/06/2022

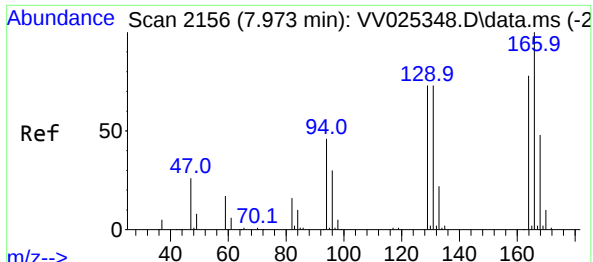


#42  
Toluene  
Concen: 0.354 ug/L  
RT: 7.391 min Scan# 1975  
Delta R.T. 0.006 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36



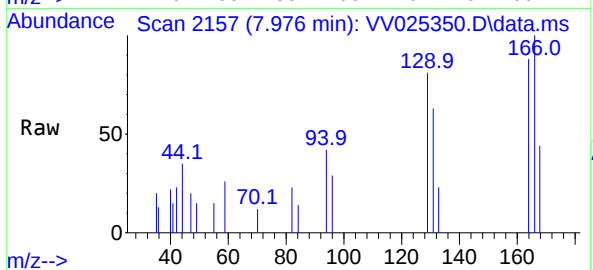
Tgt Ion: 91 Resp: 14287  
Ion Ratio Lower Upper  
91 100  
92 62.6 40.3 74.9





#47  
Tetrachloroethene  
Concen: 0.160 ug/L  
RT: 7.976 min Scan# 2156  
Delta R.T. 0.003 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36

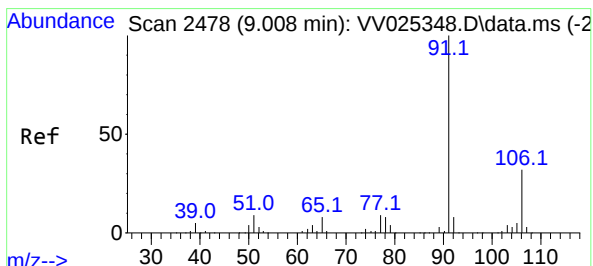
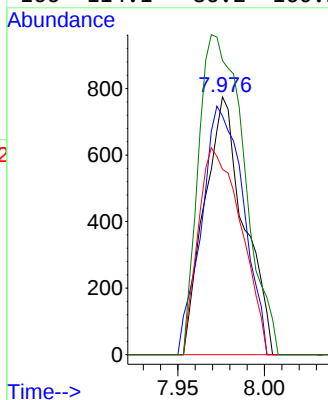
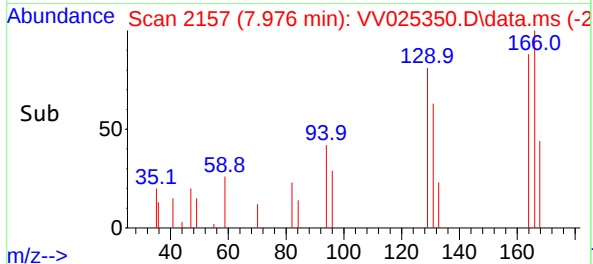
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tgt Ion:164 Resp: 1228  
Ion Ratio Lower Upper  
164 100  
129 92.5 67.5 125.4  
131 71.9 68.0 126.4  
166 114.1 86.2 160.2

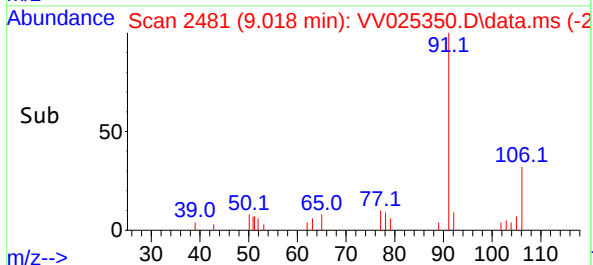
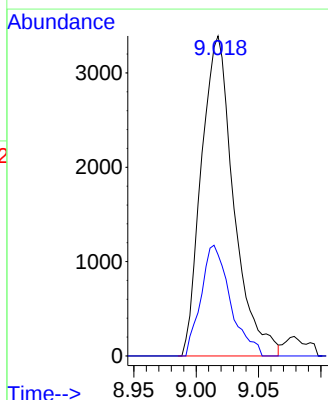
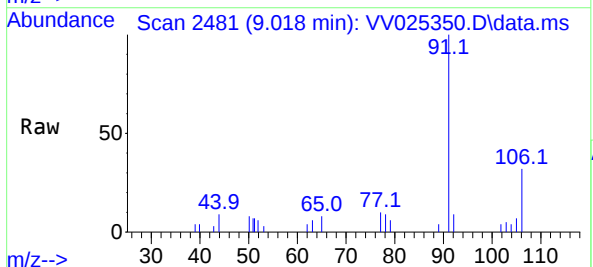
Manual Integrations  
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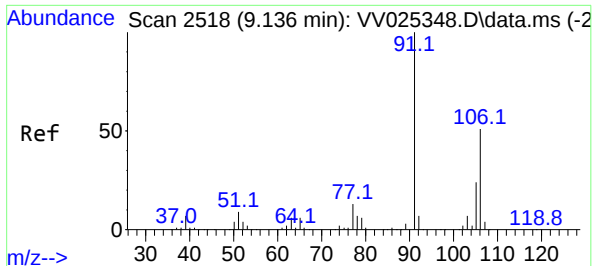
Reviewed By :John Carlone 04/06/2022  
Supervised By :Mahesh Dadoda 04/06/2022



#52  
Ethylbenzene  
Concen: 0.143 ug/L  
RT: 9.018 min Scan# 2481  
Delta R.T. 0.010 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36

Tgt Ion: 91 Resp: 6117  
Ion Ratio Lower Upper  
91 100  
106 31.6 21.7 40.3





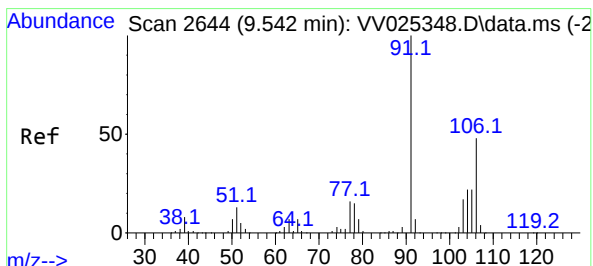
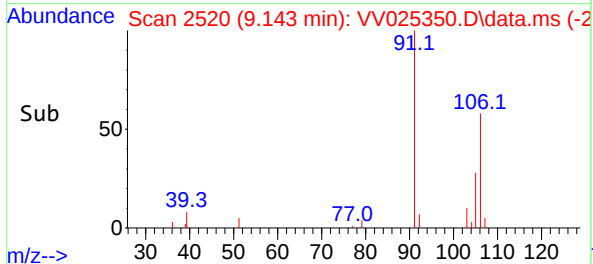
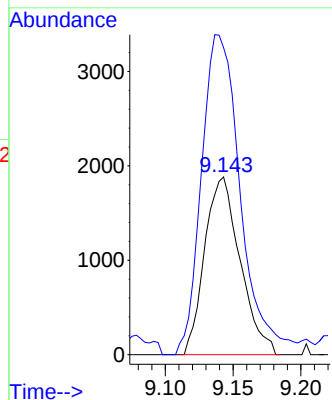
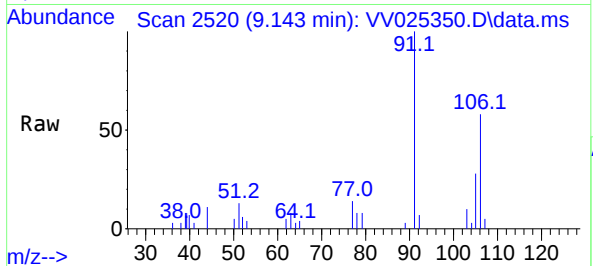
#53  
m,p-Xylene  
Concen: 0.205 ug/L  
RT: 9.143 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFY38

Tgt Ion:106 Resp: 3419  
Ion Ratio Lower Upper  
106 100  
91 172.7 136.8 254.0

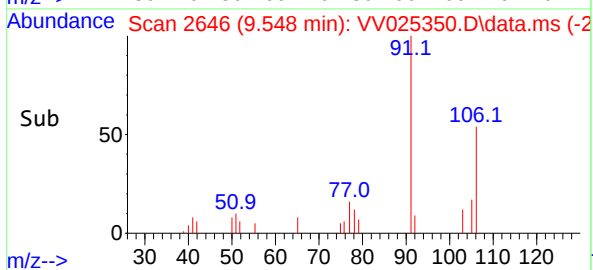
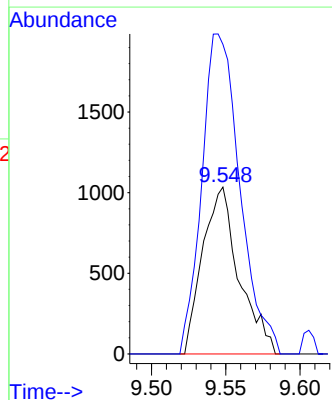
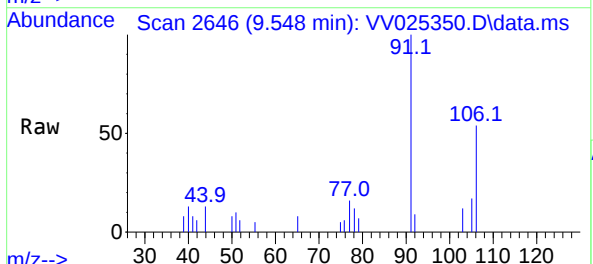
Manual Integrations  
APPROVED

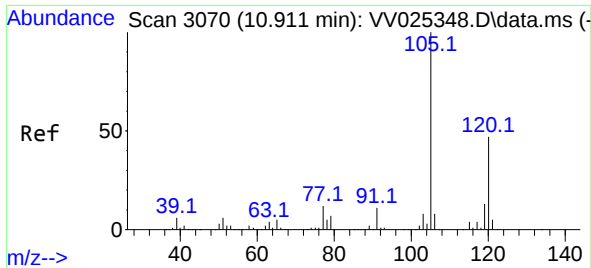
Reviewed By :John Carlone 04/06/2022  
Supervised By :Mahesh Dadoda 04/06/2022



#54  
o-Xylene  
Concen: 0.111 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. 0.006 min  
Lab File: VV025350.D  
Acq: 05 Apr 2022 12:36

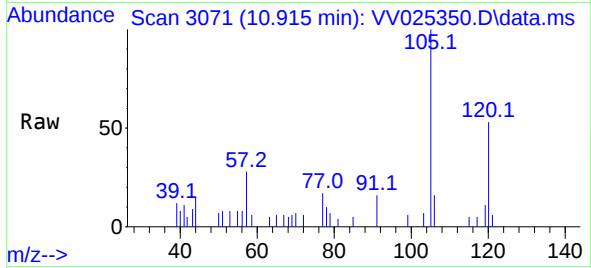
Tgt Ion:106 Resp: 1765  
Ion Ratio Lower Upper  
106 100  
91 185.7 143.0 265.6





#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.114 ug/L  
 RT: 10.915 min Scan# 3071  
 Delta R.T. 0.003 min  
 Lab File: VV025350.D  
 Acq: 05 Apr 2022 12:36

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFY38



Tgt Ion:105 Resp: 388  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 36.5 54.7

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 04/06/2022  
 Supervised By :Mahesh Dadoda 04/06/2022

