

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120924\  
 Data File : VW031163.D  
 Acq On : 09 Dec 2024 15:37  
 Operator : SY/MD  
 Sample : P5066-16RE  
 Misc : 5.88g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28N4RE

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2024  
 Supervised By :Mahesh Dadoda 12/17/2024

Quant Time: Dec 10 01:13:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 10 01:12:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 73305      | 25.000    | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 38309      | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 6022       | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 23465      | 20.801    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.200%   |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 18932      | 21.631    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.520%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 8697       | 16.898    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 67.600%   |       |          |
| 21) 2-Butanone-d5             | 7.087          | 46   | 15688      | 79.518    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 159.040%# |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 48827      | 22.742    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 90.960%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 26144      | 24.746    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 99.000%   |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 73463      | 31.200    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 124.800%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 31389      | 45.511    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 182.040%# |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 44911      | 21.136    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 84.560%   |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 4424       | 15.933    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 63.720%   |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 8423       | 104.239   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 208.480%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 27846      | 59.824    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 239.280%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 7189       | 33.610    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 134.440%# |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      | Qvalue     |           |       |          |
| 13) Acetone                   | 4.137          | 43   | 10597m     | 29.835    | ug/L  |          |
| 14) Carbon disulfide          | 4.381          | 76   | 10998      | 3.221     | ug/L  | 97       |
| 29) Cyclohexane               | 7.953          | 56   | 6390       | 6.627     | ug/L  | 86       |
| 33) Benzene                   | 8.319          | 78   | 14778      | 5.704     | ug/L  | 100      |
| 34) Trichloroethene           | 9.093          | 95   | 3180       | 4.450     | ug/L  | # 73     |
| 35) Methylcyclohexane         | 9.331          | 83   | 4838       | 4.255     | ug/L  | # 77     |
| 42) Toluene                   | 10.386         | 91   | 9558       | 3.502     | ug/L  | 97       |
| 52) Ethylbenzene              | 11.733         | 91   | 1579       | 0.511     | ug/L  | # 80     |
| 53) m,p-Xylene                | 11.824         | 106  | 794        | 0.690     | ug/L  | # 14     |
| 54) o-Xylene                  | 12.160         | 106  | 423        | 0.395     | ug/L  | # 21     |
| -----                         |                |      |            |           |       |          |

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

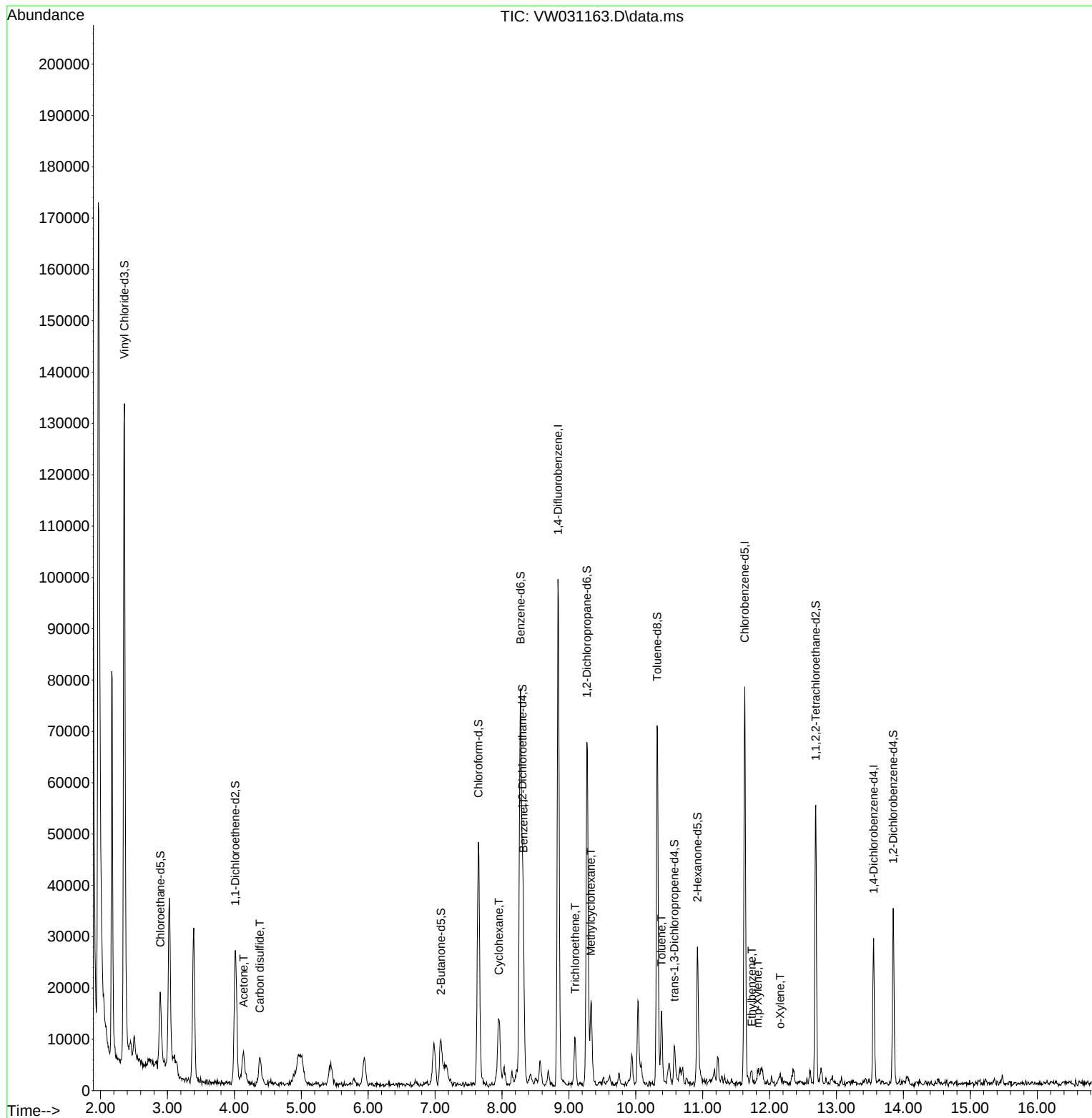
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120924\  
Data File : VW031163.D  
Acq On : 09 Dec 2024 15:37  
Operator : SY/MD  
Sample : P5066-16RE  
Misc : 5.88g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 7 Sample Multiplier: 1

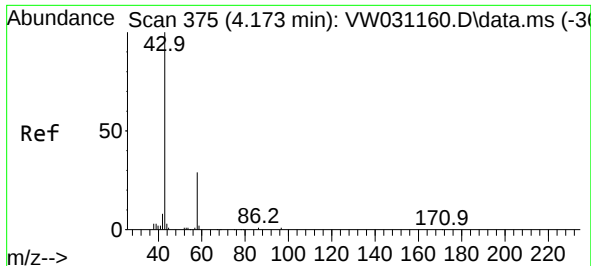
Instrument :  
MSVOA\_W  
ClientSampleId :  
E28N4RE

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Supervised By :Mahesh Dadoda 12/17/2024

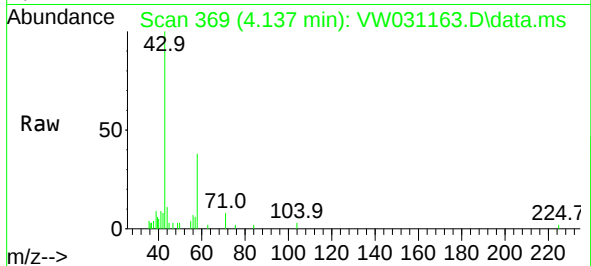
Quant Time: Dec 10 01:13:35 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
Quant Title : SFAM01.0  
QLast Update : Tue Dec 10 01:12:15 2024  
Response via : Initial Calibration





#13  
Acetone  
Concen: 29.835 ug/L m  
RT: 4.137 min Scan# 309  
Delta R.T. -0.037 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37

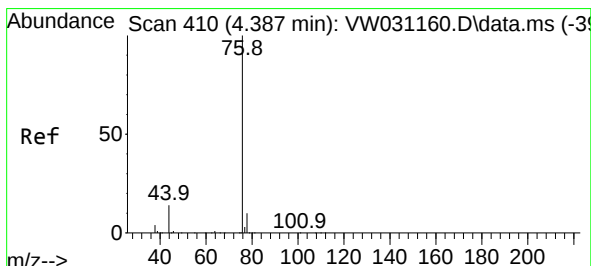
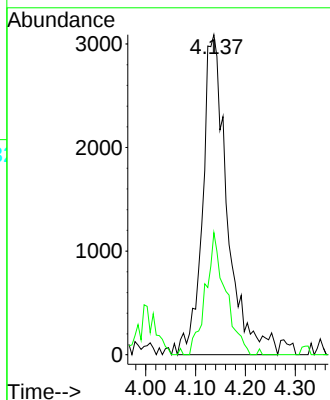
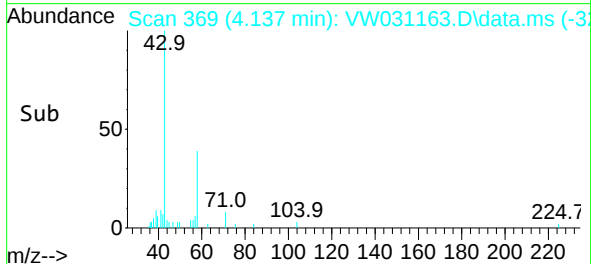
Instrument :  
MSVOA\_W  
ClientSampleId :  
E28N4RE



Tgt Ion: 43 Resp: 1059  
Ion Ratio Lower Upper  
43 100  
58 0.6 0.0 67.2

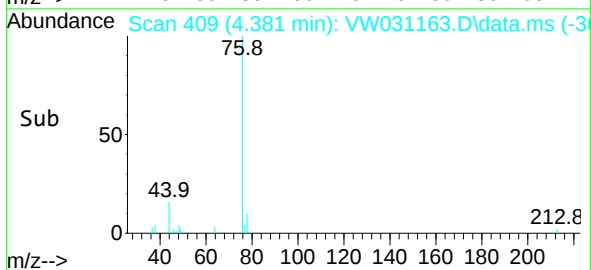
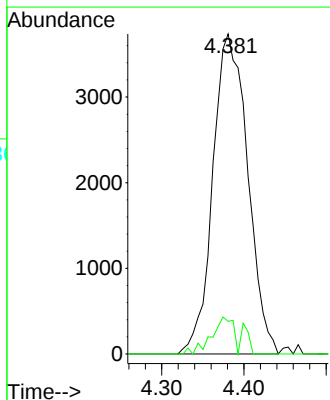
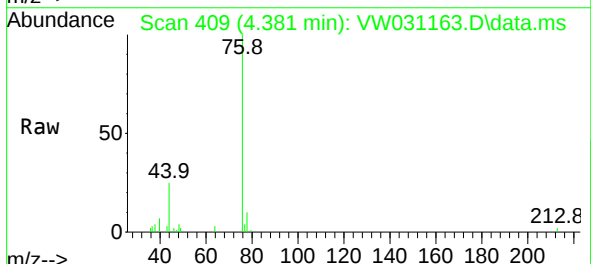
Manual Integrations  
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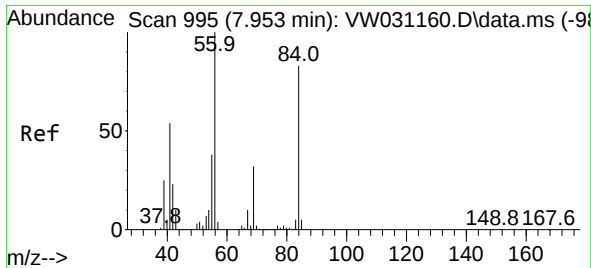
Reviewed By :Semsettin Yesilyurt 12/17/2024  
Supervised By :Mahesh Dadoda 12/17/2024



#14  
Carbon disulfide  
Concen: 3.221 ug/L  
RT: 4.381 min Scan# 409  
Delta R.T. -0.006 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37

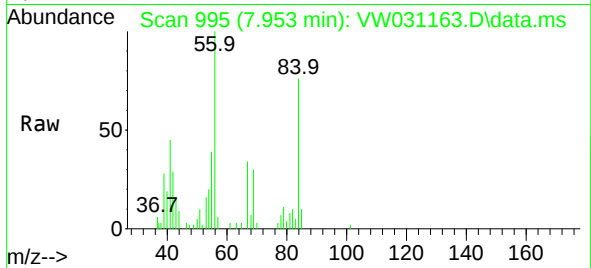
Tgt Ion: 76 Resp: 10998  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.4 11.2





#29  
Cyclohexane  
Concen: 6.627 ug/L  
RT: 7.953 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37

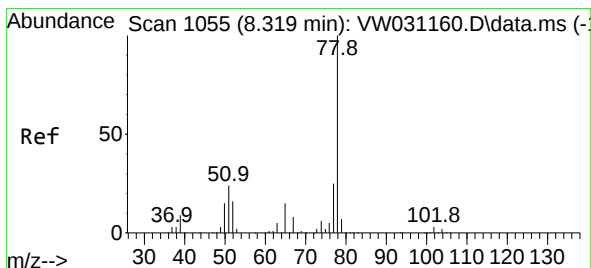
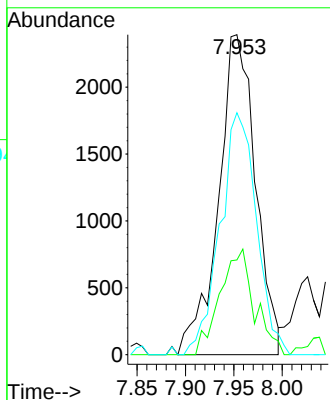
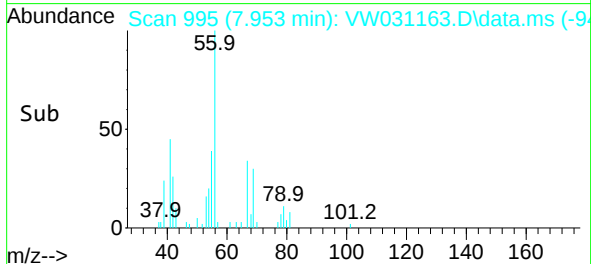
Instrument :  
MSVOA\_W  
ClientSampleId :  
E28N4RE



Tgt Ion: 56 Resp: 6390  
Ion Ratio Lower Upper  
56 100  
69 26.1 25.4 38.2  
84 74.2 71.1 106.7

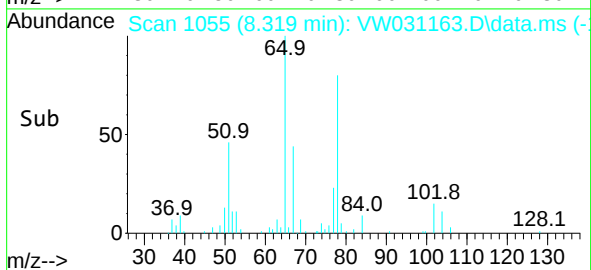
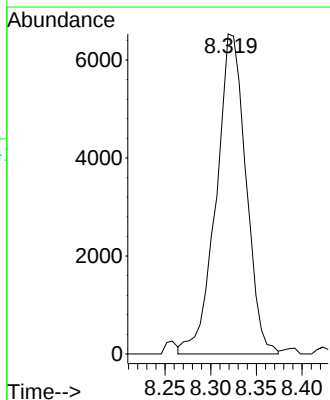
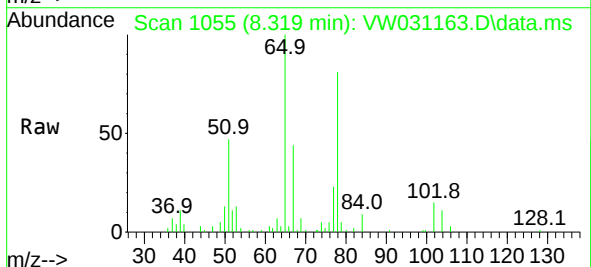
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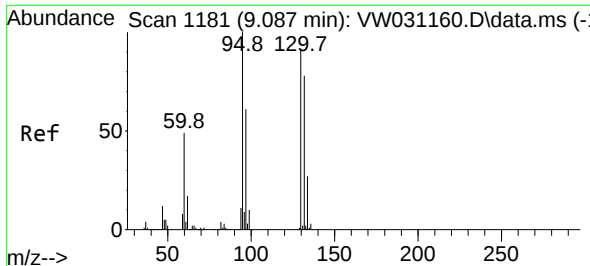
Reviewed By :Semsettin Yesilyurt 12/17/2024  
Supervised By :Mahesh Dadoda 12/17/2024



#33  
Benzene  
Concen: 5.704 ug/L  
RT: 8.319 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37

Tgt Ion: 78 Resp: 14778





#34

Trichloroethene

Concen: 4.450 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031163.D

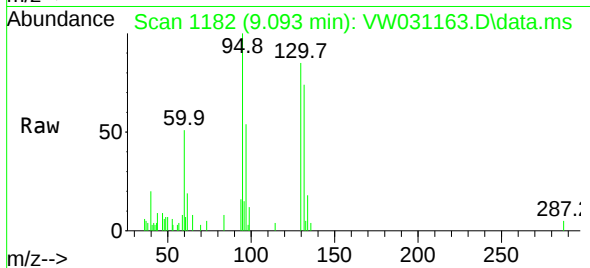
Acq: 09 Dec 2024 15:37

Instrument :

MSVOA\_W

ClientSampleId :

E28N4RE



Tgt Ion: 95 Resp: 3180

Ion Ratio Lower Upper

95 100

97 47.2 48.0 89.2

132 68.8 67.4 125.2

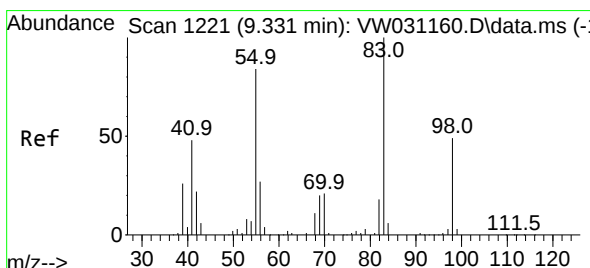
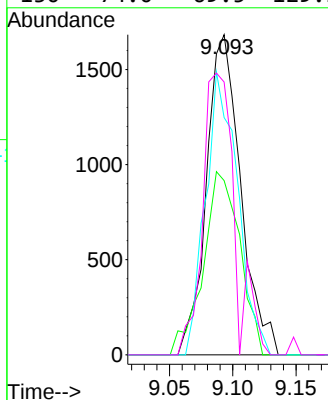
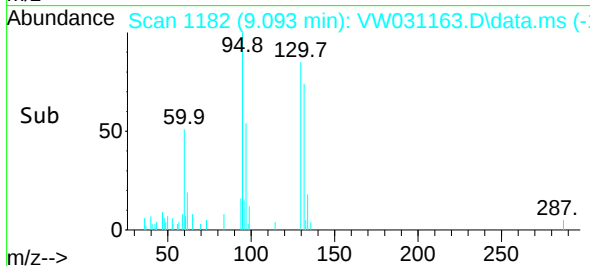
130 74.0 69.5 129.1

Manual Integrations

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Supervised By :Mahesh Dadoda 12/17/2024



#35

Methylcyclohexane

Concen: 4.255 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031163.D

Acq: 09 Dec 2024 15:37

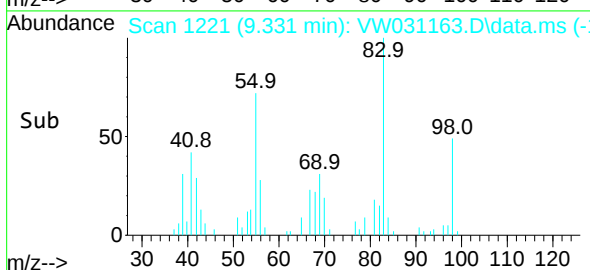
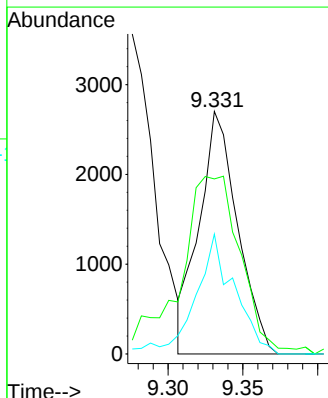
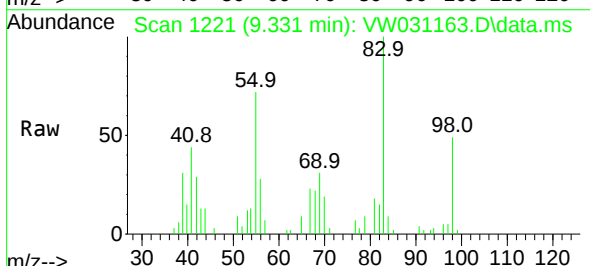
Tgt Ion: 83 Resp: 4838

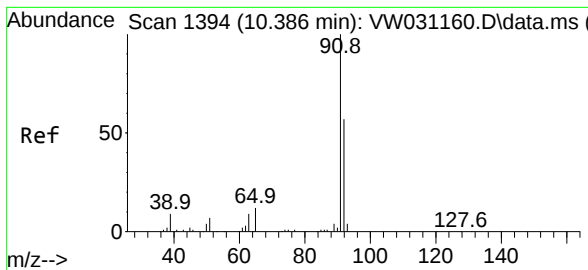
Ion Ratio Lower Upper

83 100

55 42.2 59.5 89.3

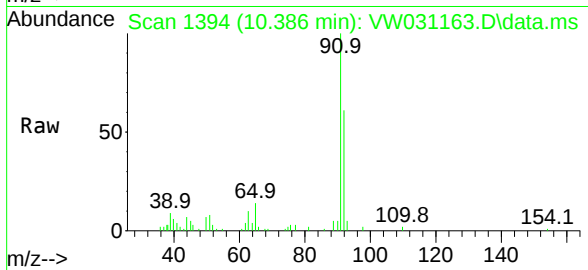
98 47.9 38.7 58.1





#42  
Toluene  
Concen: 3.502 ug/L  
RT: 10.386 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37

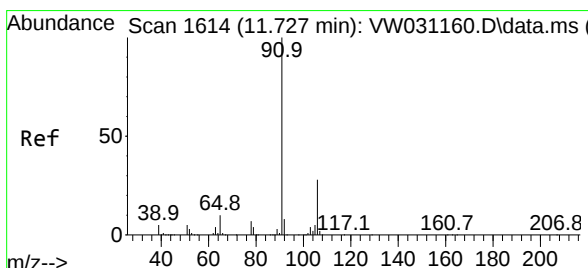
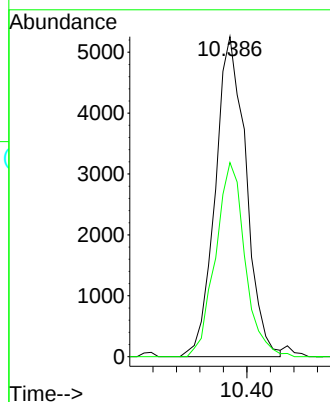
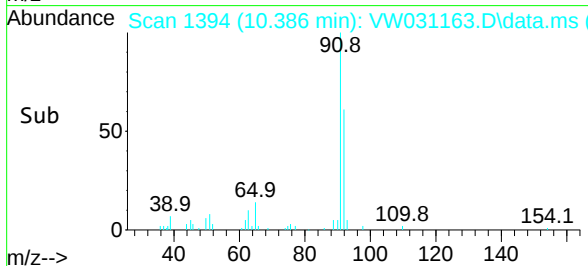
Instrument :  
MSVOA\_W  
ClientSampleId :  
E28N4RE



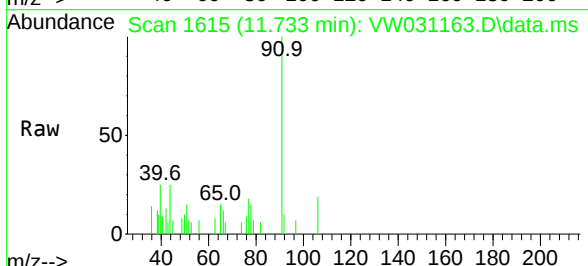
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Ion Ratio Lower Upper  
91 100  
92 60.7 40.8 75.8

Manual Integrations  
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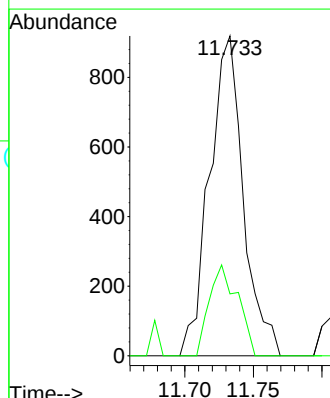
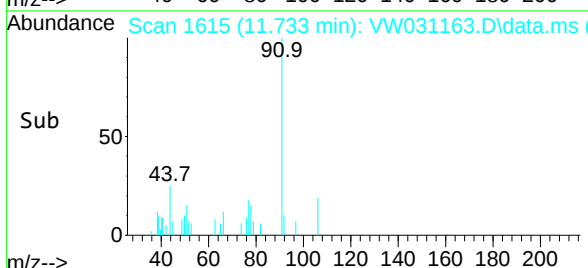
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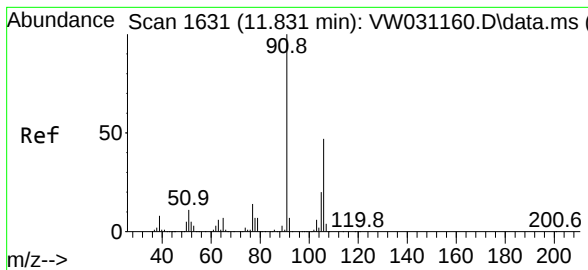


#52  
Ethylbenzene  
Concen: 0.511 ug/L  
RT: 11.733 min Scan# 1615  
Delta R.T. 0.006 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37



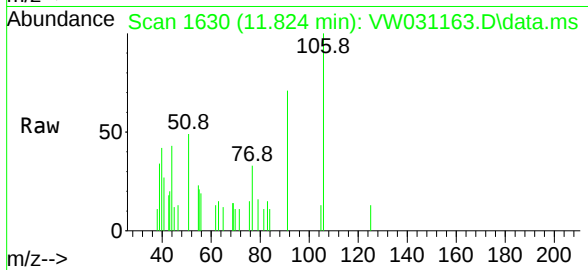
Tgt Ion: 91 Resp: 1579  
Ion Ratio Lower Upper  
91 100  
106 19.4 21.3 39.5





#53  
m,p-Xylene  
Concen: 0.690 ug/L  
RT: 11.824 min Scan# 1630  
Delta R.T. -0.006 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37

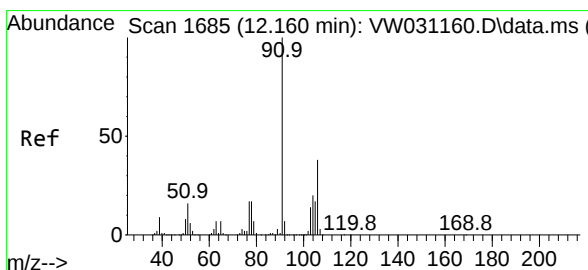
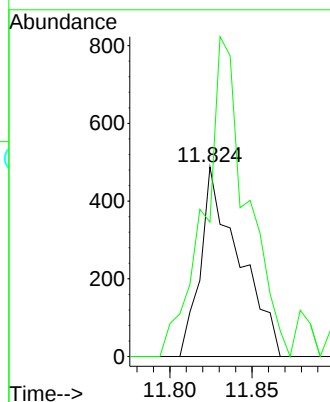
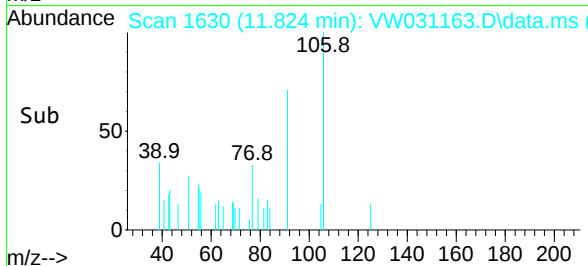
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Tgt Ion:106 Resp: 794  
Ion Ratio Lower Upper  
106 100  
91 70.9 140.9 261.7

Manual Integrations  
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#54  
o-Xylene  
Concen: 0.395 ug/L  
RT: 12.160 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VW031163.D  
Acq: 09 Dec 2024 15:37

Tgt Ion:106 Resp: 423  
Ion Ratio Lower Upper  
106 100  
91 91.9 152.7 283.5

