

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112322\  
 Data File : VW029334.D  
 Acq On : 24 Nov 2022 08:05  
 Operator : SY/MD  
 Sample : N5725-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB56

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/25/2022  
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 25 00:24:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 24 04:08:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.609  | 114   | 239334   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 210580   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 105253   | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 84600    | 5.744    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 114.800%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 67031    | 6.217    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 124.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 103017   | 4.371    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.400%   |
| 20) 2-Butanone-d5             | 3.908  | 46    | 153444   | 62.276   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 124.560%  |
| 24) Chloroform-d              | 4.342  | 84    | 150827   | 5.737    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 114.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.024  | 65    | 69745    | 6.030    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 120.600%  |
| 32) Benzene-d6                | 5.043  | 84    | 337845   | 5.805    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 116.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 96775    | 5.918    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 118.400%  |
| 41) Toluene-d8                | 7.310  | 98    | 309300   | 5.631    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 112.600%  |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 32293    | 5.122    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 102.400%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 129431   | 57.589   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 115.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84    | 60098    | 5.956    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 119.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.615 | 152   | 110728   | 6.022    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 120.400%# |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 3) Chloromethane              | 1.240  | 50    | 1527     | 0.093    | ug/L   | 86        |
| 13) Acetone                   | 2.211  | 43    | 24547m   | 13.702   | ug/L   |           |
| 15) Methyl Acetate            | 2.445  | 43    | 1926     | 0.374    | ug/L # | 71        |
| 16) Methylene chloride        | 2.503  | 84    | 6690     | 0.356    | ug/L   | 97        |
| 18) trans-1,2-Dichloroethene  | 2.760  | 96    | 6511     | 0.461    | ug/L   | 98        |
| 25) Chloroform                | 4.371  | 83    | 20675    | 0.779    | ug/L   | 94        |
| 34) Trichloroethene           | 5.911  | 95    | 4599     | 0.286    | ug/L   | 95        |
| 42) Toluene                   | 7.384  | 91    | 112865   | 1.670    | ug/L   | 98        |
| 47) Tetrachloroethene         | 7.969  | 164   | 6402     | 0.486    | ug/L   | 92        |
| 52) Ethylbenzene              | 9.008  | 91    | 9700     | 0.138    | ug/L   | 95        |
| 53) m,p-Xylene                | 9.133  | 106   | 12430    | 0.447    | ug/L   | 99        |
| 54) o-Xylene                  | 9.538  | 106   | 4679     | 0.171    | ug/L   | 95        |
| 63) 1,2,4-Trimethylbenzene    | 10.908 | 105   | 4575     | 0.077    | ug/L   | 91        |
| -----                         |        |       |          |          |        |           |

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

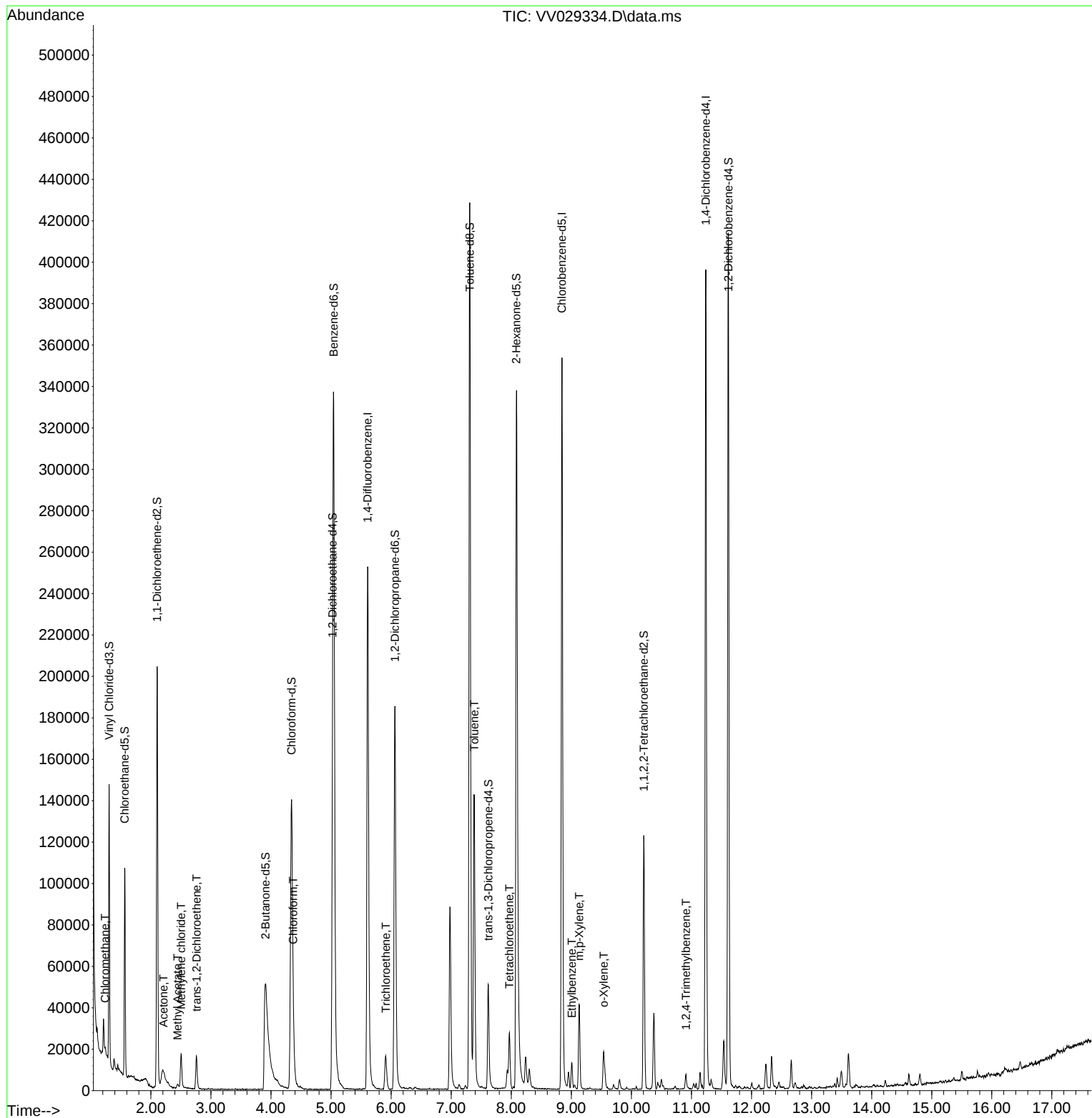
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112322\  
Data File : VV029334.D  
Acq On : 24 Nov 2022 08:05  
Operator : SY/MD  
Sample : N5725-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 41 Sample Multiplier: 1

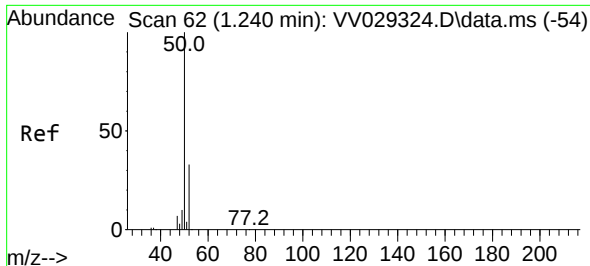
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB56

Manual Integrations  
APPROVED

Reviewed By : John Carlone 11/25/2022  
Supervised By : Mahesh Dadoda 11/25/2022

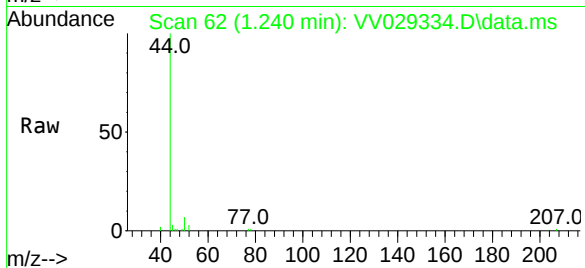
Quant Time: Nov 25 00:24:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 24 04:08:22 2022  
Response via : Initial Calibration





#3  
Chloromethane  
Concen: 0.093 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

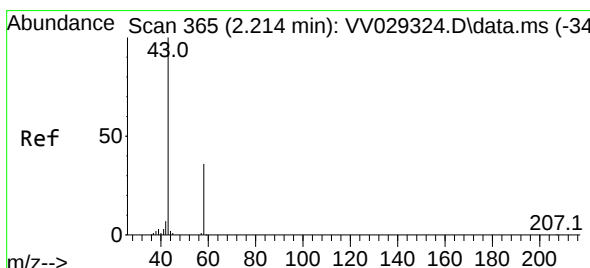
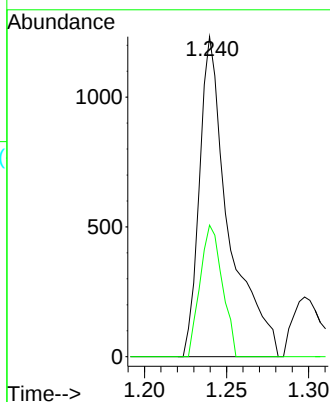
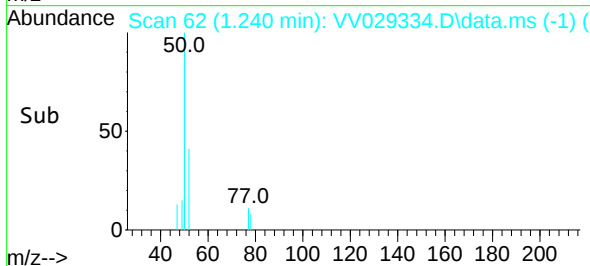
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB56



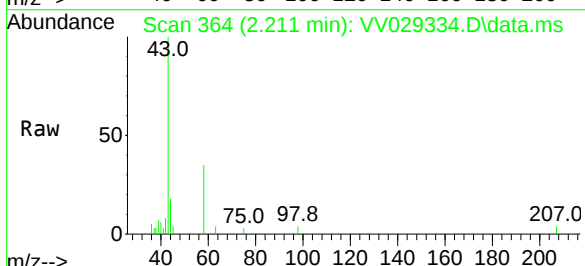
Tgt Ion: 50 Resp: 152  
Ion Ratio Lower Upper  
50 100  
52 41.1 23.2 43.2

Manual Integrations  
APPROVED

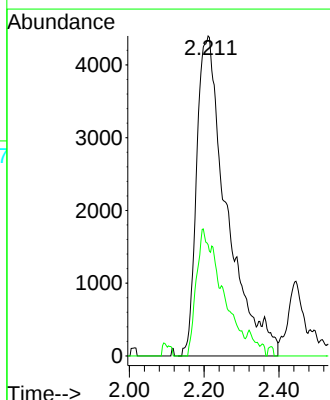
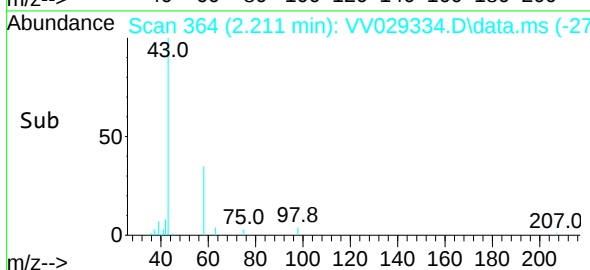
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/25/2022

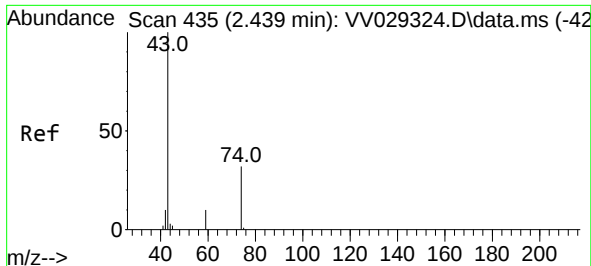


#13  
Acetone  
Concen: 13.702 ug/L m  
RT: 2.211 min Scan# 364  
Delta R.T. -0.003 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05



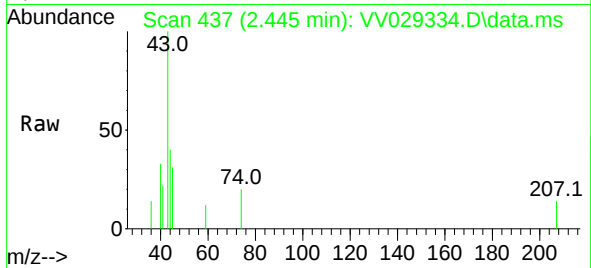
Tgt Ion: 43 Resp: 24547  
Ion Ratio Lower Upper  
43 100  
58 17.2 0.0 70.8





#15  
Methyl Acetate  
Concen: 0.374 ug/L  
RT: 2.445 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

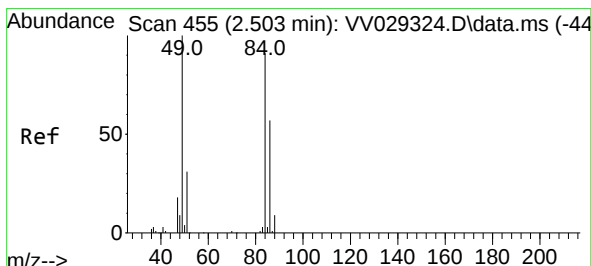
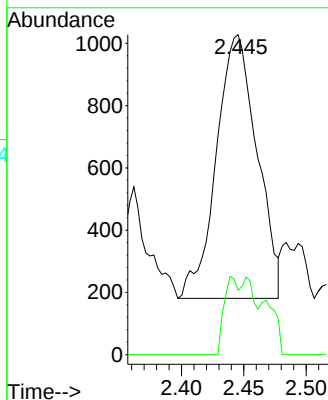
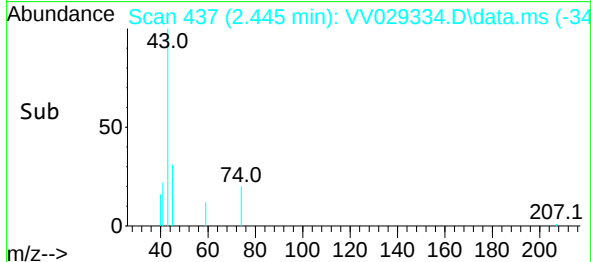
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB56



Tgt Ion: 43 Resp: 1920  
Ion Ratio Lower Upper  
43 100  
74 10.2 19.6 29.4

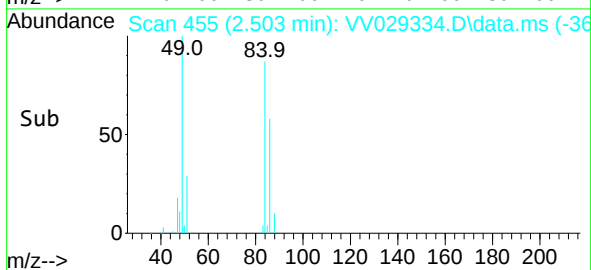
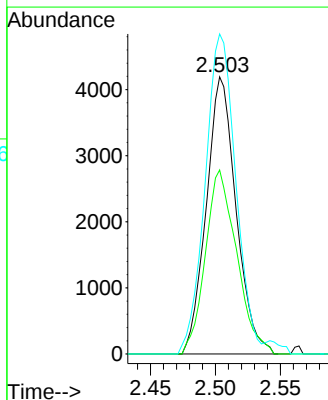
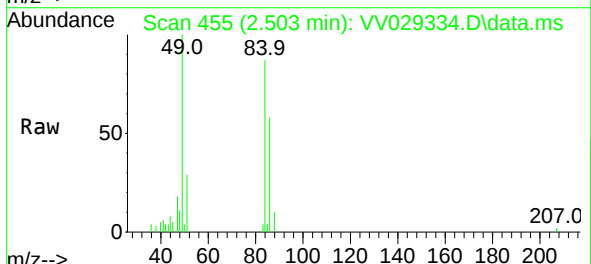
Manual Integrations  
APPROVED

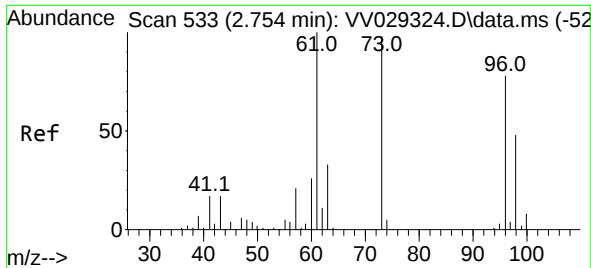
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/25/2022



#16  
Methylene chloride  
Concen: 0.356 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

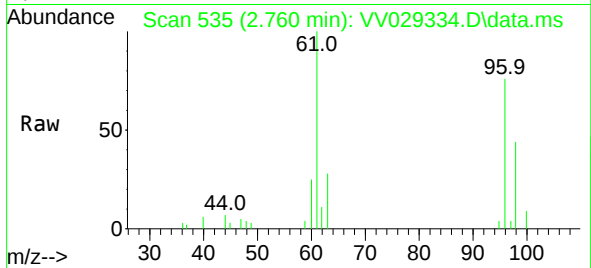
Tgt Ion: 84 Resp: 6690  
Ion Ratio Lower Upper  
84 100  
86 66.4 45.6 84.6  
49 115.5 77.8 144.4





#18  
trans-1,2-Dichloroethene  
Concen: 0.461 ug/L  
RT: 2.760 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

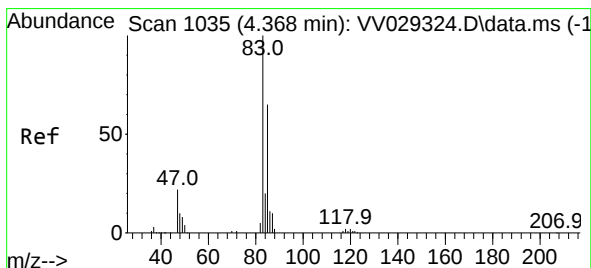
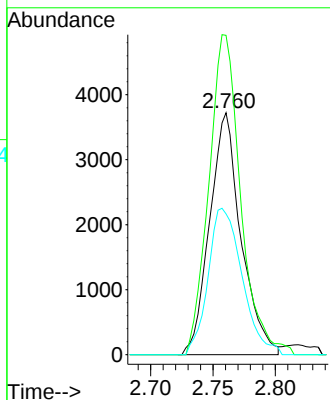
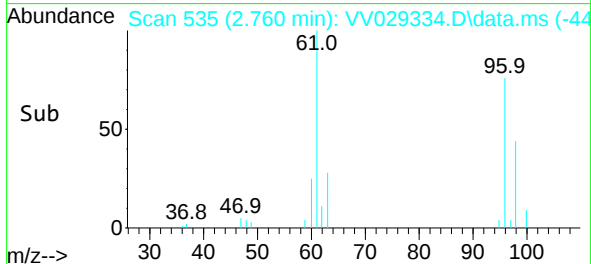
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB56



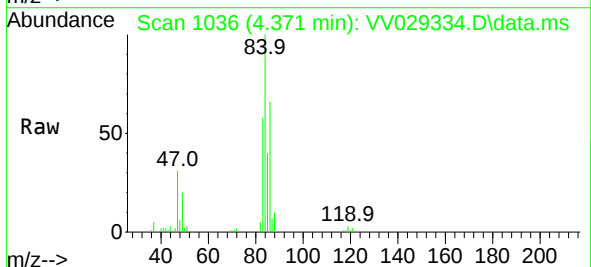
Tgt Ion: 96 Resp: 651  
Ion Ratio Lower Upper  
96 100  
61 132.1 93.0 172.6  
98 58.2 44.0 81.8

Manual Integrations  
APPROVED

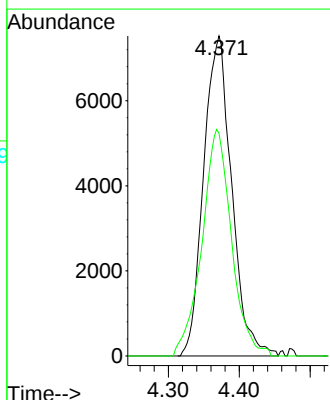
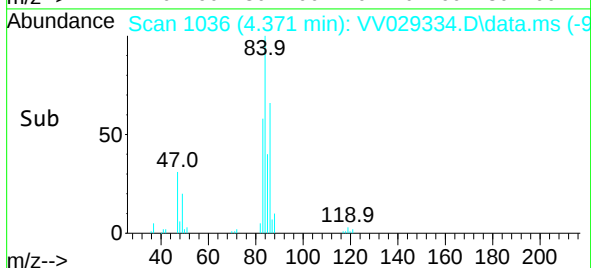
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/25/2022

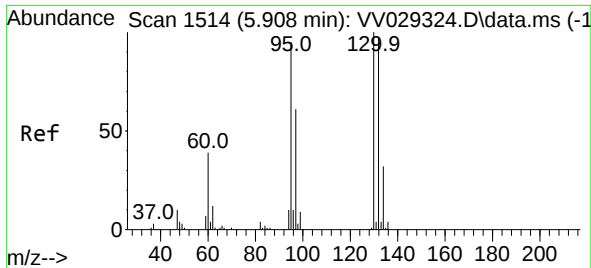


#25  
Chloroform  
Concen: 0.779 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. 0.003 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05



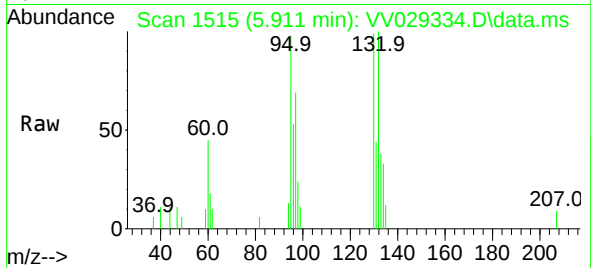
Tgt Ion: 83 Resp: 20675  
Ion Ratio Lower Upper  
83 100  
85 69.6 45.4 84.4





#34  
 Trichloroethene  
 Concen: 0.286 ug/L  
 RT: 5.911 min Scan# 1515  
 Delta R.T. 0.003 min  
 Lab File: VV029334.D  
 Acq: 24 Nov 2022 08:05

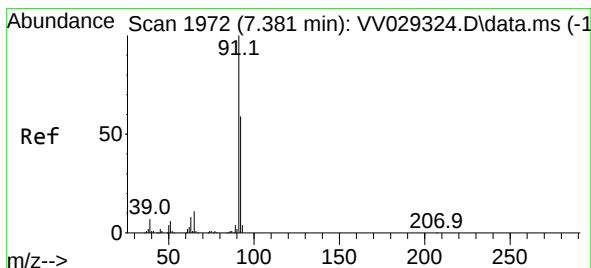
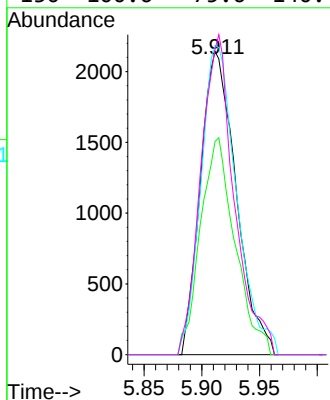
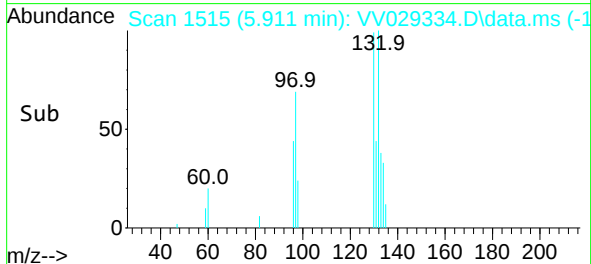
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB56



Tgt Ion: 95 Resp: 4599  
 Ion Ratio Lower Upper  
 95 100  
 97 70.2 45.4 84.4  
 132 101.9 73.3 136.1  
 130 100.6 75.6 140.4

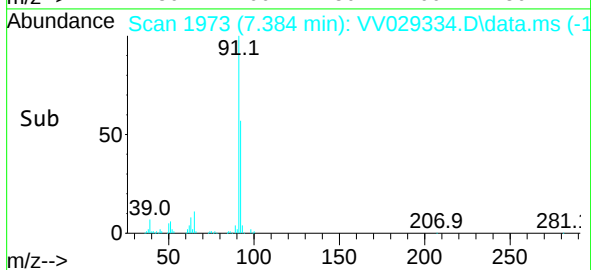
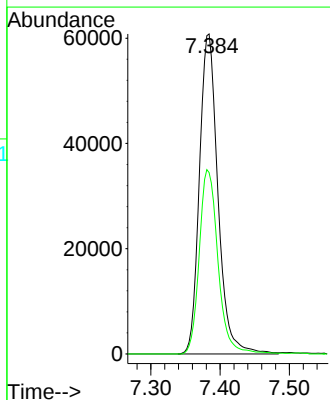
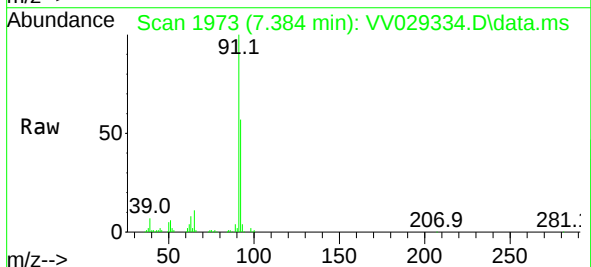
Manual Integrations  
 APPROVED

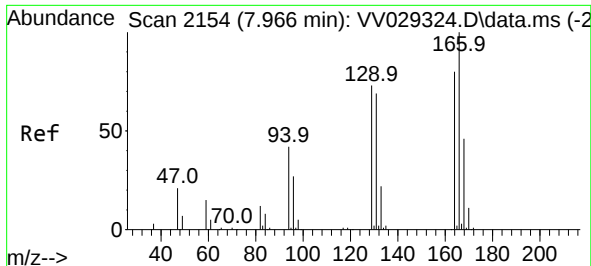
Reviewed By :John Carlone 11/25/2022  
 Supervised By :Mahesh Dadoda 11/25/2022



#42  
 Toluene  
 Concen: 1.670 ug/L  
 RT: 7.384 min Scan# 1973  
 Delta R.T. 0.003 min  
 Lab File: VV029334.D  
 Acq: 24 Nov 2022 08:05

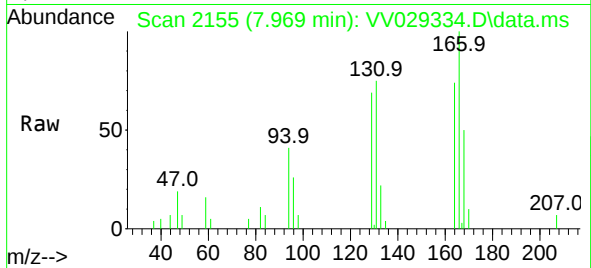
Tgt Ion: 91 Resp: 112865  
 Ion Ratio Lower Upper  
 91 100  
 92 56.7 40.8 75.8





#47  
Tetrachloroethene  
Concen: 0.486 ug/L  
RT: 7.969 min Scan# 2154  
Delta R.T. 0.003 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

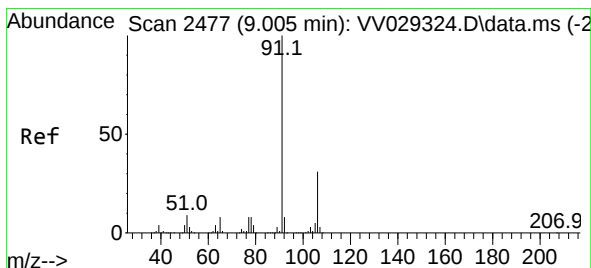
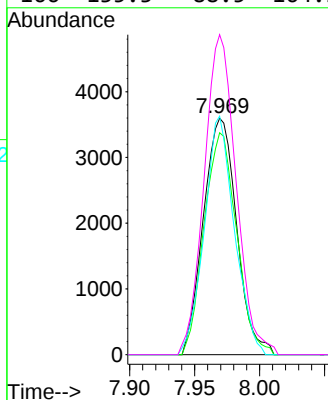
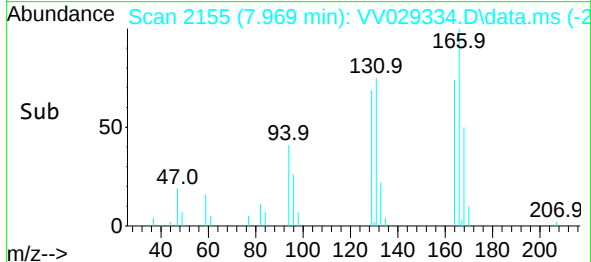
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB56



Tgt Ion:164 Resp: 6400  
Ion Ratio Lower Upper  
164 100  
129 93.9 61.7 114.7  
131 100.9 62.9 116.9  
166 135.3 88.5 164.3

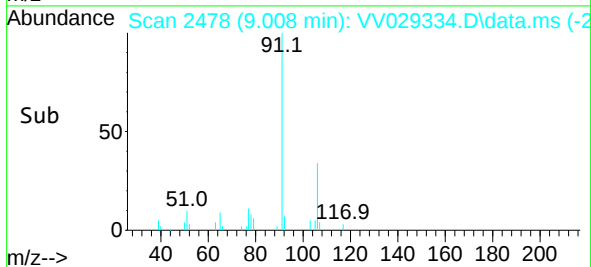
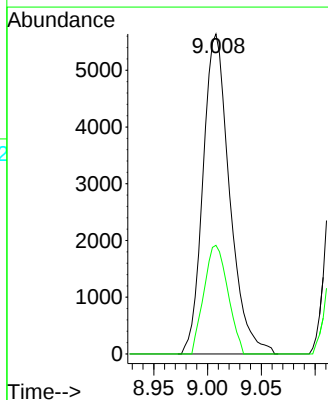
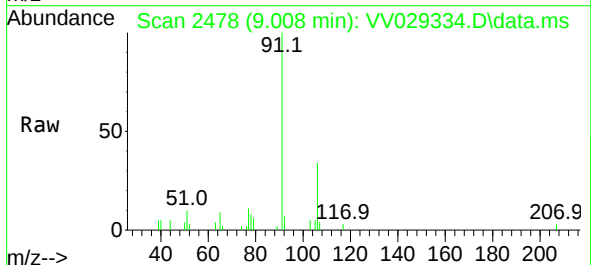
Manual Integrations  
APPROVED

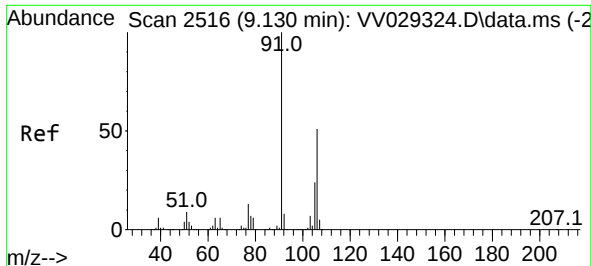
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/25/2022



#52  
Ethylbenzene  
Concen: 0.138 ug/L  
RT: 9.008 min Scan# 2478  
Delta R.T. 0.003 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

Tgt Ion: 91 Resp: 9700  
Ion Ratio Lower Upper  
91 100  
106 33.9 21.9 40.7





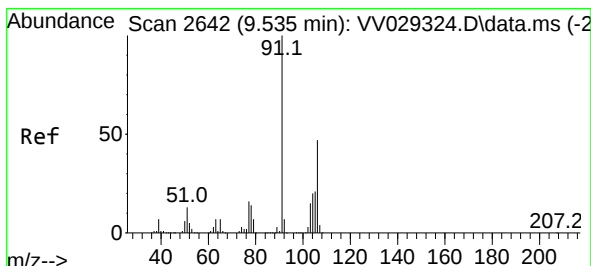
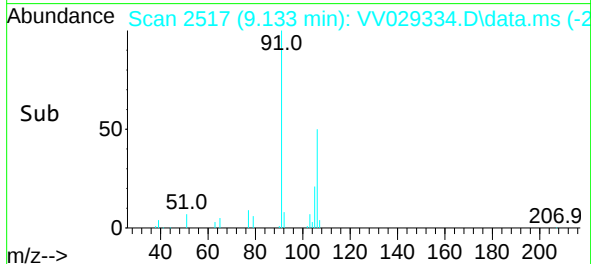
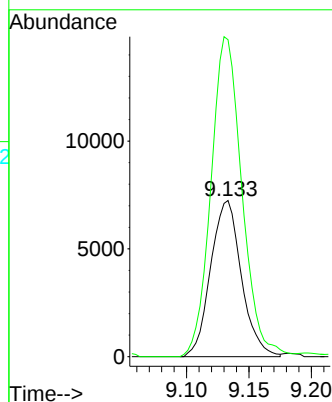
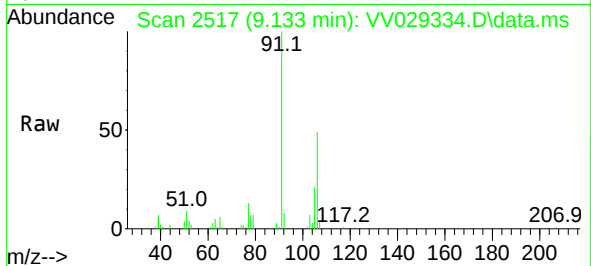
#53  
m,p-Xylene  
Concen: 0.447 ug/L  
RT: 9.133 min Scan# 2516  
Delta R.T. 0.003 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB56

Tgt Ion:106 Resp: 12430  
Ion Ratio Lower Upper  
106 100  
91 203.0 140.6 261.2

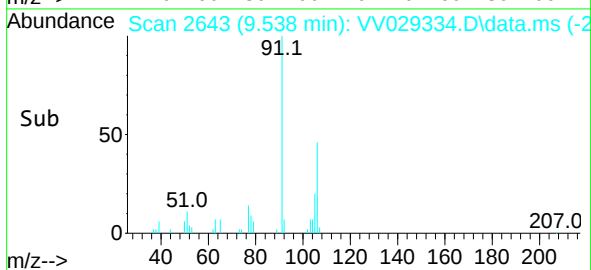
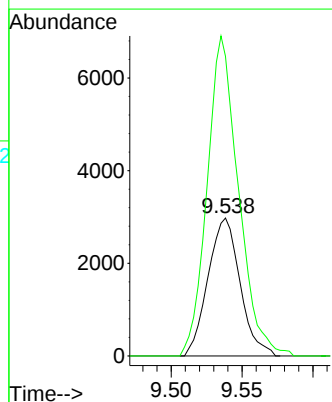
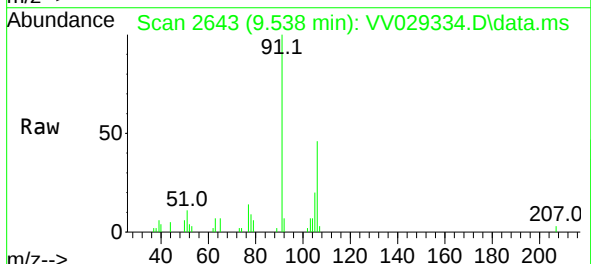
Manual Integrations  
APPROVED

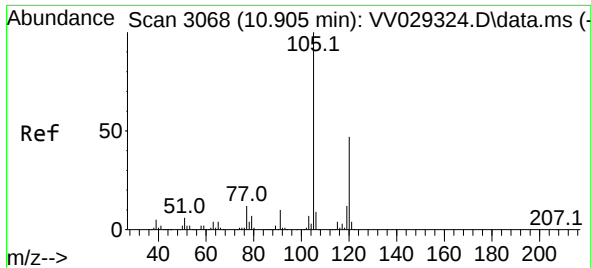
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/25/2022



#54  
o-Xylene  
Concen: 0.171 ug/L  
RT: 9.538 min Scan# 2643  
Delta R.T. 0.003 min  
Lab File: VV029334.D  
Acq: 24 Nov 2022 08:05

Tgt Ion:106 Resp: 4679  
Ion Ratio Lower Upper  
106 100  
91 217.3 146.9 272.9





#63

1,2,4-Trimethylbenzene

Concen: 0.077 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV029334.D

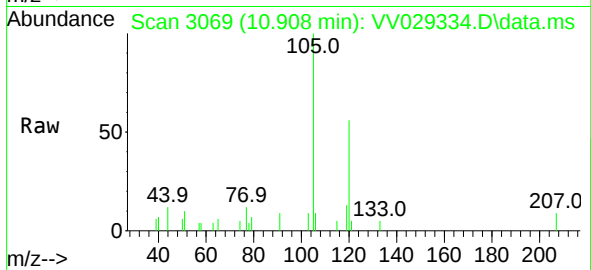
Acq: 24 Nov 2022 08:05

Instrument :

MSVOA\_V

ClientSampleId :

BHB56



Tgt Ion:105 Resp: 4579

Ion Ratio Lower Upper

105 100

120 40.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/25/2022

