

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021224\  
 Data File : VV034137.D  
 Acq On : 12 Feb 2024 14:09  
 Operator : SY/MD  
 Sample : P1455-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AD7

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024  
 Supervised By :Semsettin Yesilyurt 02/14/2024

Quant Time: Feb 13 00:47:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 13 00:43:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 72830    | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 69058    | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 36139    | 5.000  | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 23947    | 4.246  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 85.000% |          |
| 7) Chloroethane-d5            | 1.536  | 69             | 20952    | 4.241  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 84.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 11563    | 4.251  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 85.000% |          |
| 20) 2-Butanone-d5             | 3.802  | 46             | 40364    | 42.609 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 85.220% |          |
| 24) Chloroform-d              | 4.252  | 84             | 45803    | 4.469  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.400% |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 23619    | 4.931  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.600% |          |
| 32) Benzene-d6                | 4.963  | 84             | 86975    | 4.198  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.000% |          |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67             | 24998    | 4.316  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 86.400% |          |
| 41) Toluene-d8                | 7.246  | 98             | 82583    | 4.337  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.800% |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 9513     | 4.350  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.000% |          |
| 46) 2-Hexanone-d5             | 8.027  | 63             | 33931    | 43.463 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 86.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84             | 16168    | 4.605  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 92.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 30012    | 4.566  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 91.400% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        |         | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.069  | 96             | 1324     | 0.260  | ug/L    | # 1      |
| 22) cis-1,2-Dichloroethene    | 3.828  | 96             | 2693m    | 0.458  | ug/L    |          |
| 25) Chloroform                | 4.278  | 83             | 7105     | 0.738  | ug/L    | 100      |
| 31) Carbon tetrachloride      | 4.738  | 117            | 23272    | 2.869  | ug/L    | 98       |
| 34) Trichloroethene           | 5.838  | 95             | 10230    | 1.707  | ug/L    | 96       |
| 47) Tetrachloroethene         | 7.905  | 164            | 14241    | 2.924  | ug/L    | 96       |
| -----                         |        |                |          |        |         |          |

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

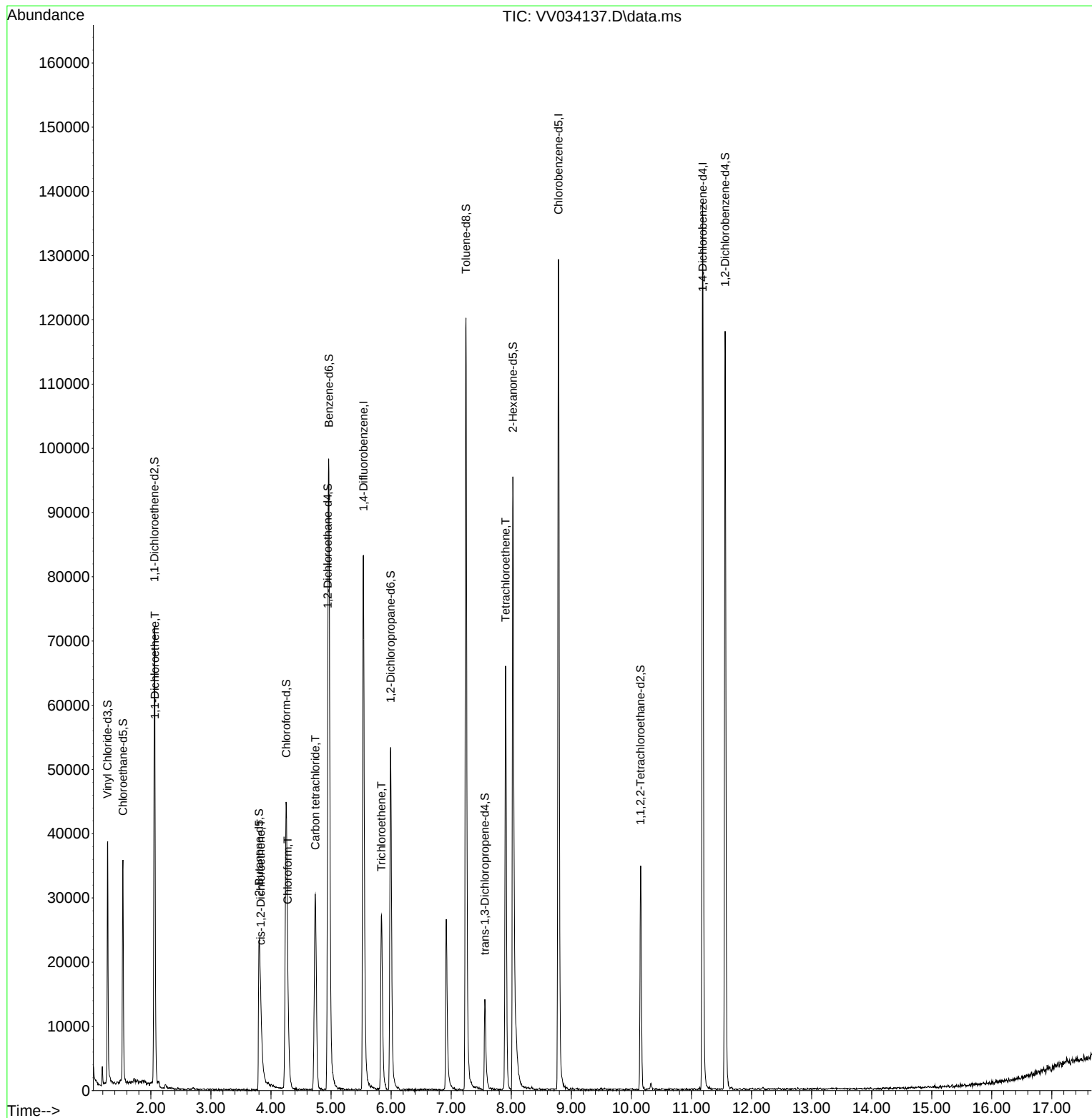
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021224\  
Data File : VV034137.D  
Acq On : 12 Feb 2024 14:09  
Operator : SY/MD  
Sample : P1455-04  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

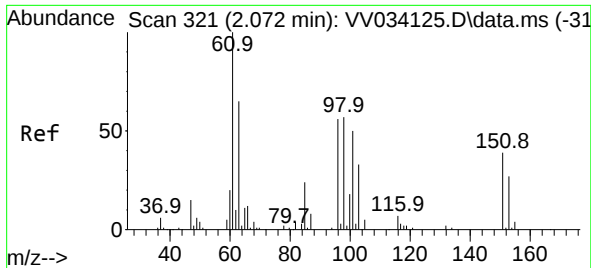
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AD7

Quant Time: Feb 13 00:47:04 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Feb 13 00:43:48 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024  
Supervised By :Semsettin Yesilyurt 02/14/2024





#12

1,1-Dichloroethene

Concen: 0.260 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034137.D

Acq: 12 Feb 2024 14:09

Instrument :

MSVOA\_V

ClientSampleId :

C0AD7

Tgt Ion: 96 Resp: 1324

Ion Ratio Lower Upper

96 100

61 468.6 128.8 239.2

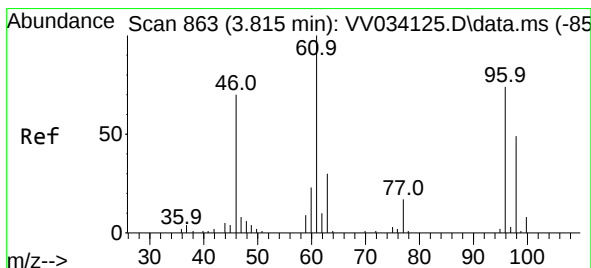
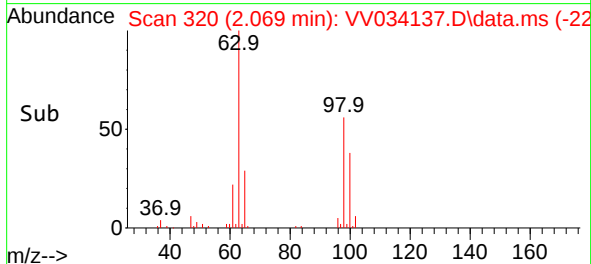
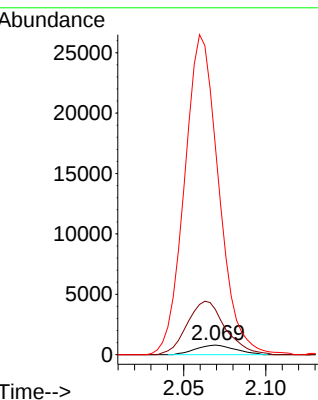
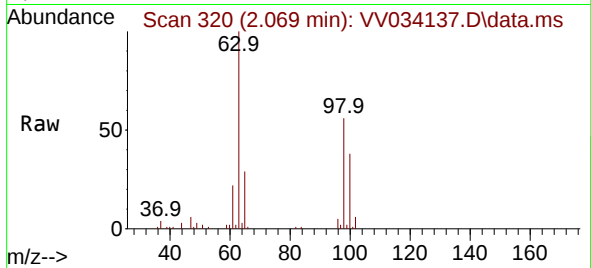
63 2163.1 97.9 181.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024

Supervised By :Semsettin Yesilyurt 02/14/2024



#22

cis-1,2-Dichloroethene

Concen: 0.458 ug/L m

RT: 3.828 min Scan# 867

Delta R.T. 0.013 min

Lab File: VV034137.D

Acq: 12 Feb 2024 14:09

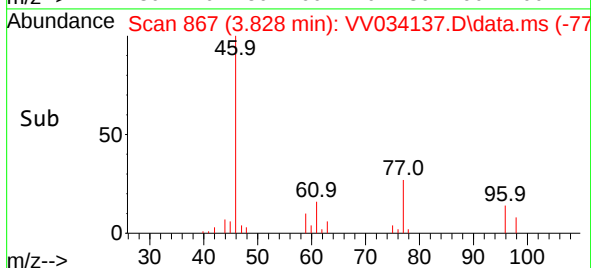
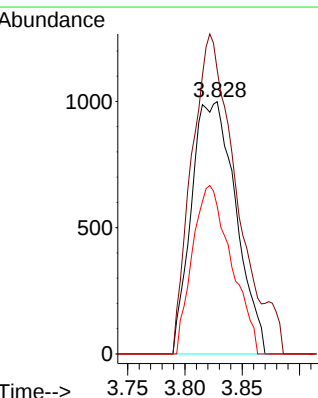
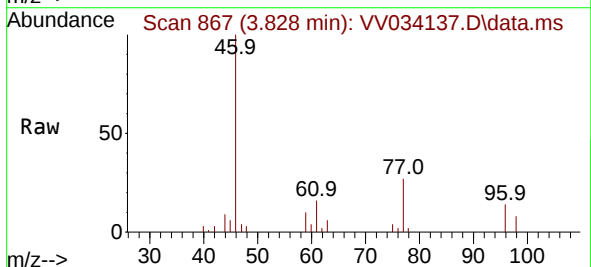
Tgt Ion: 96 Resp: 2693

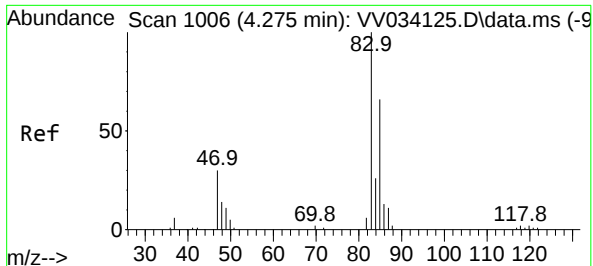
Ion Ratio Lower Upper

96 100

61 112.6 90.3 167.7

98 58.7 43.2 80.2





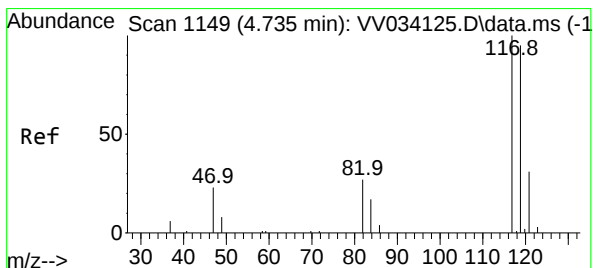
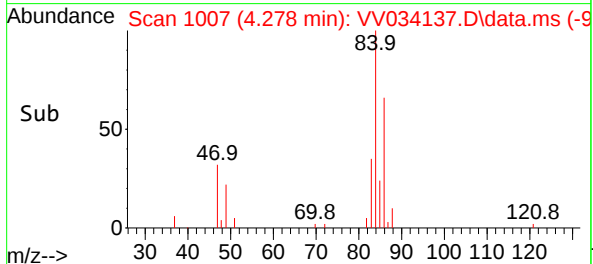
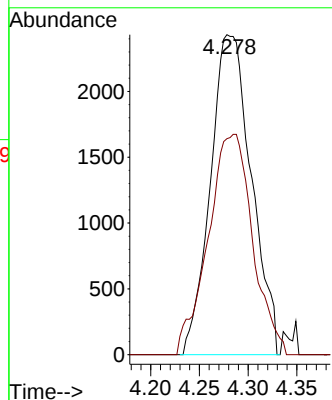
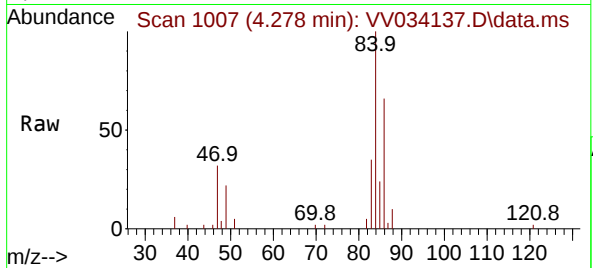
#25  
Chloroform  
Concen: 0.738 ug/L  
RT: 4.278 min Scan# 1105  
Delta R.T. 0.003 min  
Lab File: VV034137.D  
Acq: 12 Feb 2024 14:09

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AD7

Tgt Ion: 83 Resp: 7105  
Ion Ratio Lower Upper  
83 100  
85 67.5 47.5 88.1

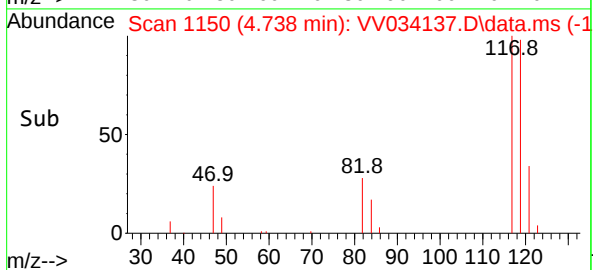
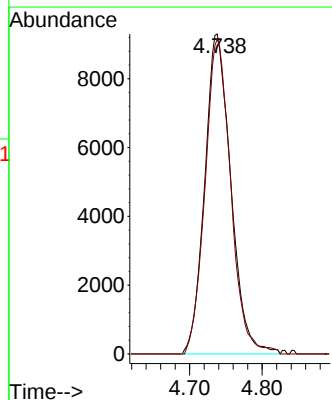
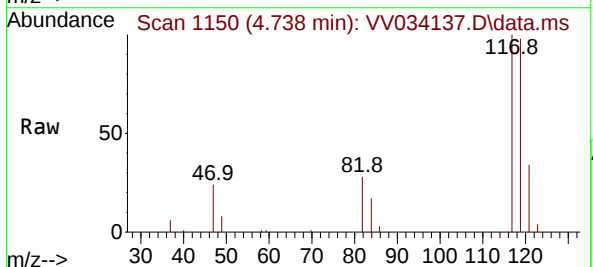
Manual Integrations  
APPROVED

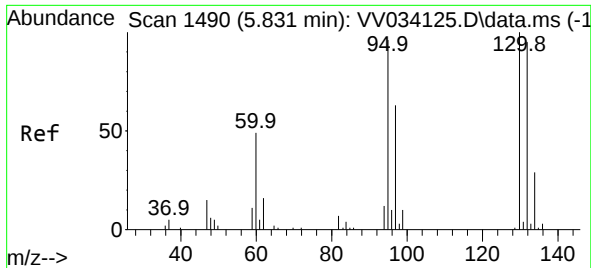
Reviewed By :Mahesh Dadoda 02/14/2024  
Supervised By :Semsettin Yesilyurt 02/14/2024



#31  
Carbon tetrachloride  
Concen: 2.869 ug/L  
RT: 4.738 min Scan# 1150  
Delta R.T. 0.003 min  
Lab File: VV034137.D  
Acq: 12 Feb 2024 14:09

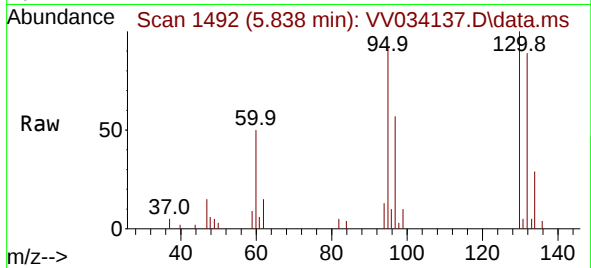
Tgt Ion:117 Resp: 23272  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.1 114.1





#34  
Trichloroethene  
Concen: 1.707 ug/L  
RT: 5.838 min Scan# 1492  
Delta R.T. 0.006 min  
Lab File: VV034137.D  
Acq: 12 Feb 2024 14:09

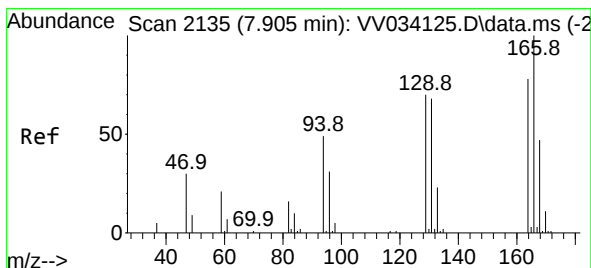
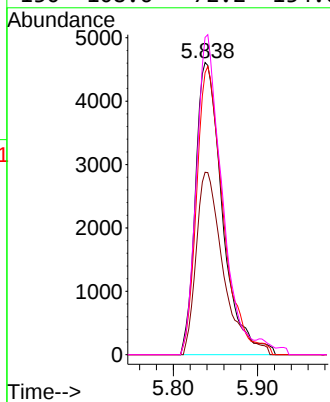
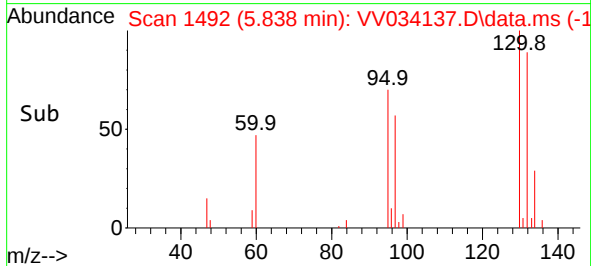
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AD7



Tgt Ion: 95 Resp: 10230  
Ion Ratio Lower Upper  
95 100  
97 62.4 45.1 83.7  
132 96.5 66.0 122.6  
130 108.6 72.2 134.0

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024  
Supervised By :Semsettin Yesilyurt 02/14/2024



#47  
Tetrachloroethene  
Concen: 2.924 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. 0.000 min  
Lab File: VV034137.D  
Acq: 12 Feb 2024 14:09

Tgt Ion:164 Resp: 14241  
Ion Ratio Lower Upper  
164 100  
129 87.7 67.8 125.8  
131 91.3 63.0 117.0  
166 130.3 92.6 172.0

