

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020422\  
 Data File : VU047053.D  
 Acq On : 04 Feb 2022 18:22  
 Operator : SY/MD  
 Sample : N1349-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0HP5

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022  
 Supervised By :Semsettin Yesilyurt 02/07/2022

Quant Time: Feb 05 01:35:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Feb 05 01:18:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response  | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|-----------|----------|--------|-----------|
| -----                         |        |       |           |          |        |           |
| Internal Standards            |        |       |           |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 97467     | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 113452    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 54008     | 5.000    | ug/L   | 0.00      |
|                               |        |       |           |          |        |           |
| System Monitoring Compounds   |        |       |           |          |        |           |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 62541     | 5.002    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130  | Recovery | =      | 100.000%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 48082     | 4.981    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130  | Recovery | =      | 99.600%   |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 24302     | 5.430    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125  | Recovery | =      | 108.600%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 133785    | 53.512   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130  | Recovery | =      | 107.020%  |
| 24) Chloroform-d              | 5.067  | 84    | 101937    | 5.112    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 102.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65    | 53799     | 5.281    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 105.600%  |
| 32) Benzene-d6                | 5.732  | 84    | 203660    | 5.126    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 102.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 64724     | 5.222    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140  | Recovery | =      | 104.400%  |
| 41) Toluene-d8                | 7.903  | 98    | 171984    | 4.879    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 97.600%   |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 23844     | 5.048    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130  | Recovery | =      | 101.000%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 133553    | 61.044   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130  | Recovery | =      | 122.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 53146     | 5.022    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120  | Recovery | =      | 100.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 67476     | 6.136    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120  | Recovery | =      | 122.800%# |
|                               |        |       |           |          |        |           |
| Target Compounds              |        |       |           |          |        | Qvalue    |
| 3) Chloromethane              | 1.523  | 50    | 1537      | 0.140    | ug/L   | 90        |
| 5) Vinyl chloride             | 1.607  | 62    | 1525      | 0.138    | ug/L # | 32        |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 21019     | 2.905    | ug/L   | 87        |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96    | 729       | 0.096    | ug/L   | 90        |
| 19) 1,1-Dichloroethane        | 3.877  | 63    | 28616     | 2.037    | ug/L   | 99        |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 105596    | 13.304   | ug/L   | 98        |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97    | 3781      | 0.292    | ug/L   | 95        |
| 34) Trichloroethene           | 6.546  | 95    | 246708    | 30.623   | ug/L   | 99        |
| 47) Tetrachloroethene         | 8.578  | 164   | 22018920m | 3522.281 | ug/L   |           |
| -----                         |        |       |           |          |        |           |

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

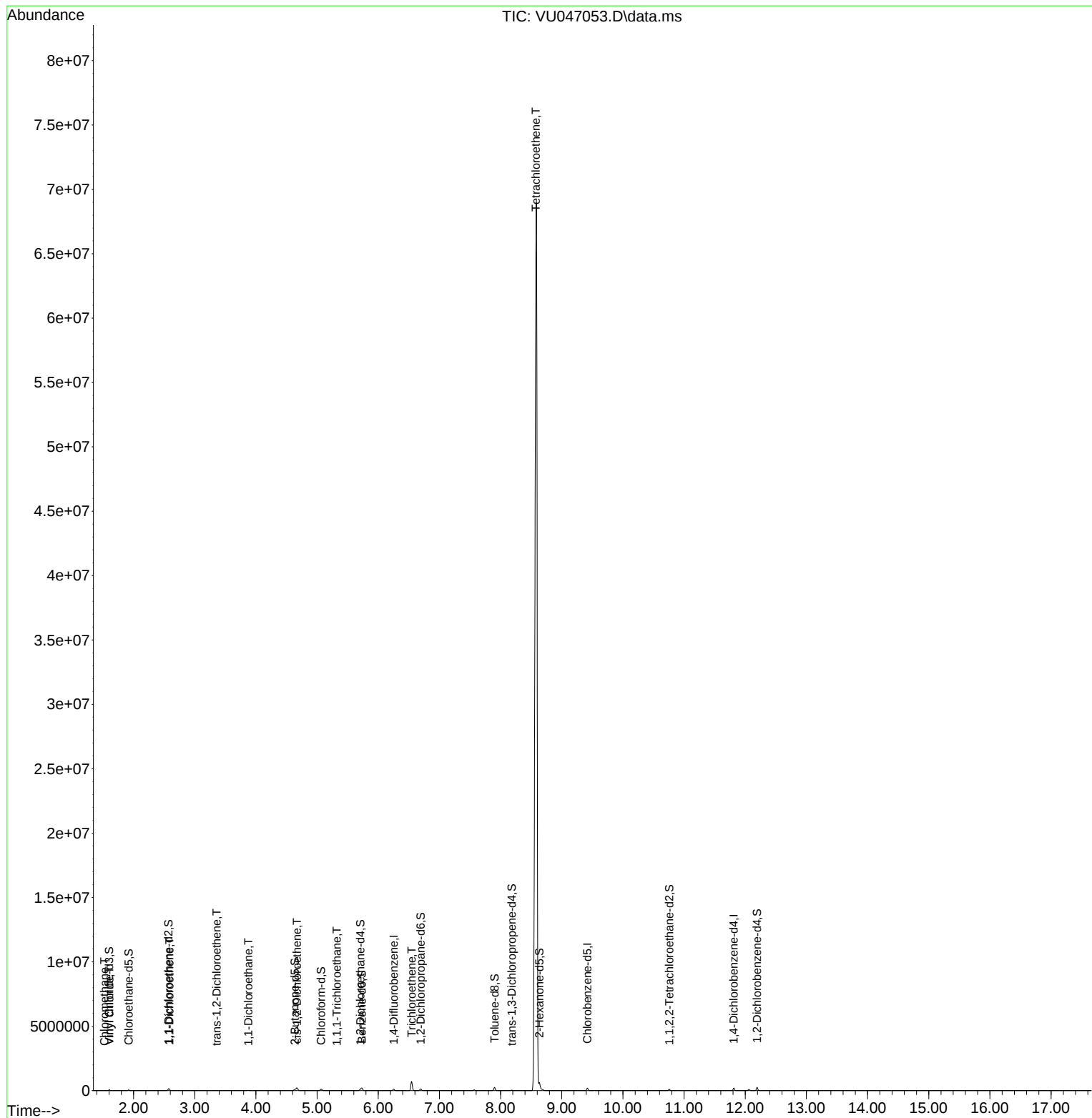
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020422\  
Data File : VU047053.D  
Acq On : 04 Feb 2022 18:22  
Operator : SY/MD  
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ALS Vial : 19 Sample Multiplier: 1

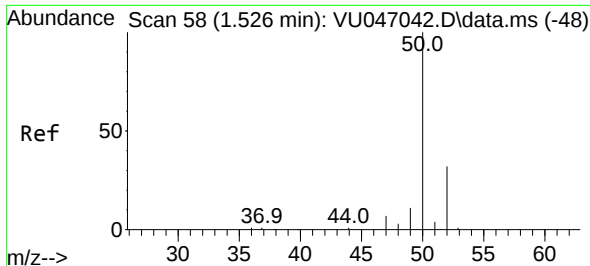
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP5

Quant Time: Feb 05 01:35:44 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Feb 05 01:18:17 2022  
Response via : Initial Calibration

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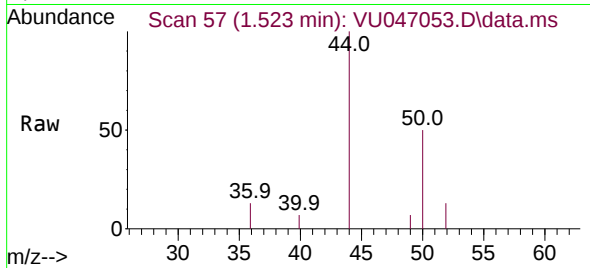
Reviewed By :Mahesh Dadoda 02/07/2022  
Supervised By :Semsettin Yesilyurt 02/07/2022





#3  
Chloromethane  
Concen: 0.140 ug/L  
RT: 1.523 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU047053.D  
Acq: 04 Feb 2022 18:22

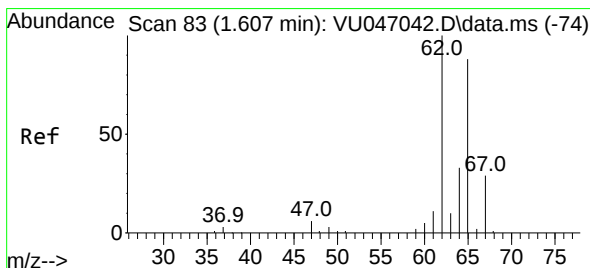
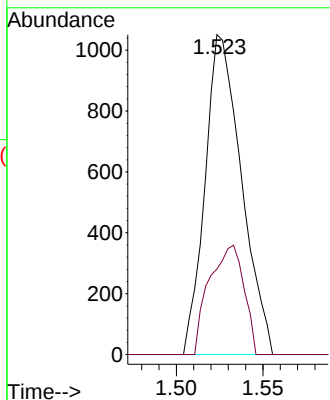
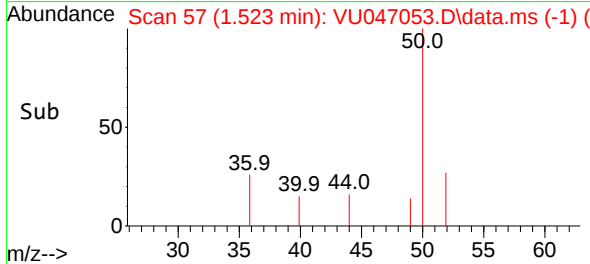
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP5



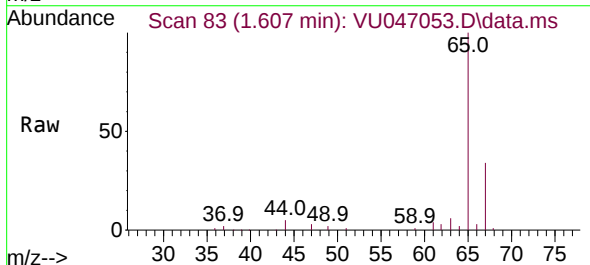
Tgt Ion: 50 Resp: 153  
Ion Ratio Lower Upper  
50 100  
52 26.7 22.7 42.3

Manual Integrations  
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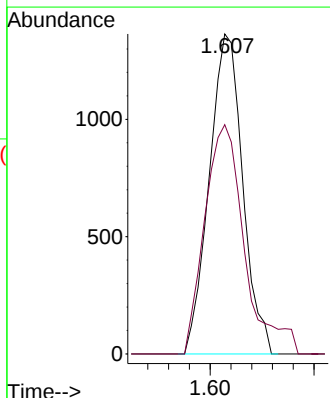
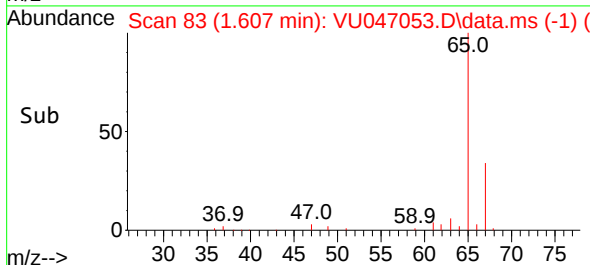
Reviewed By :Mahesh Dadoda 02/07/2022  
Supervised By :Semsettin Yesilyurt 02/07/2022

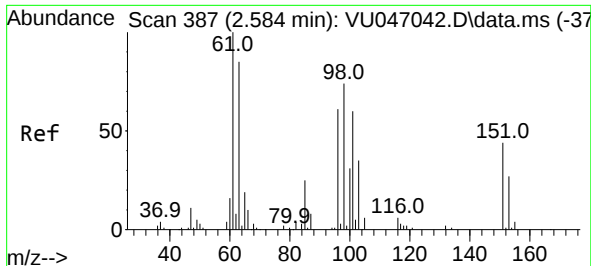


#5  
Vinyl chloride  
Concen: 0.138 ug/L  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU047053.D  
Acq: 04 Feb 2022 18:22



Tgt Ion: 62 Resp: 1525  
Ion Ratio Lower Upper  
62 100  
64 71.6 23.1 42.9





#12

1,1-Dichloroethene

Concen: 2.905 ug/L

RT: 2.588 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

Instrument :

MSVOA\_U

ClientSampleId :

C0HP5

Tgt Ion: 96 Resp: 21019

Ion Ratio Lower Upper

96 100

61 161.8 115.5 214.5

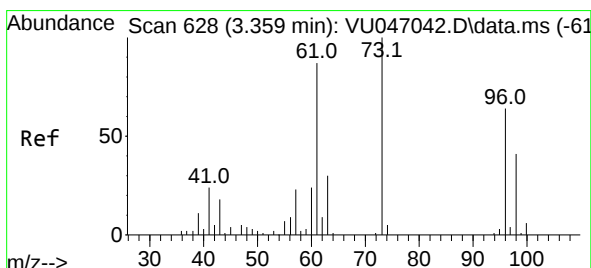
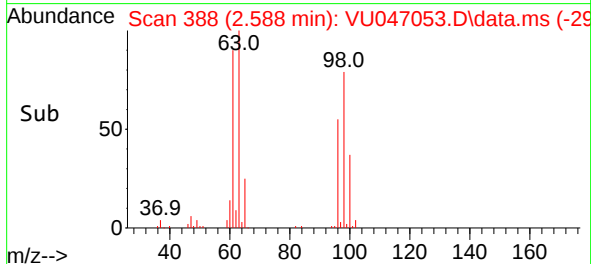
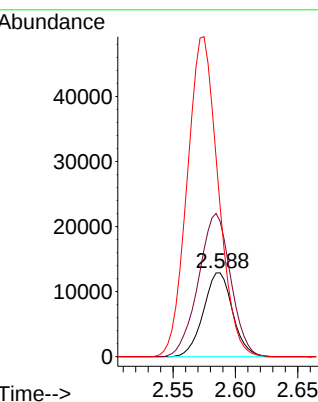
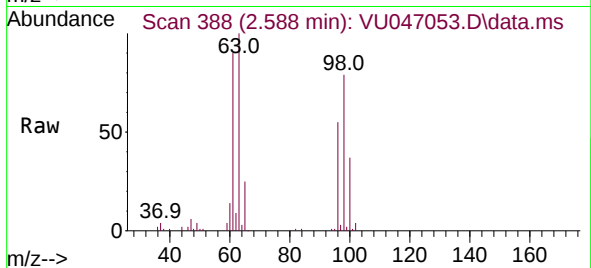
63 180.3 103.6 192.4

Manual Integrations

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#18

trans-1,2-Dichloroethene

Concen: 0.096 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

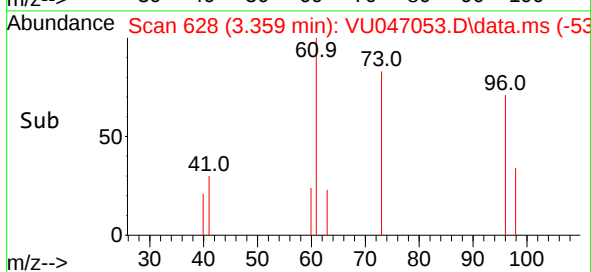
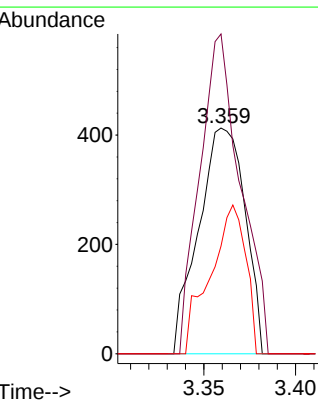
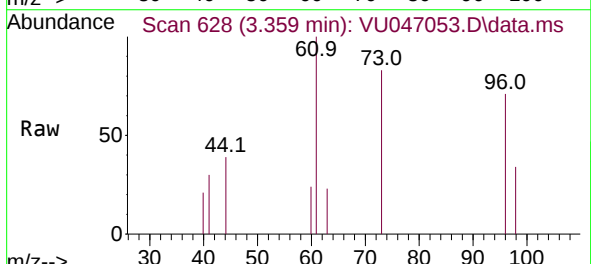
Tgt Ion: 96 Resp: 729

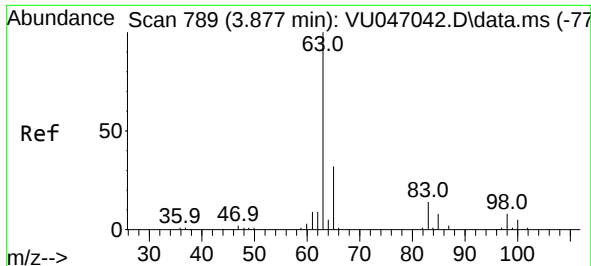
Ion Ratio Lower Upper

96 100

61 141.6 95.1 176.7

98 47.7 44.8 83.2





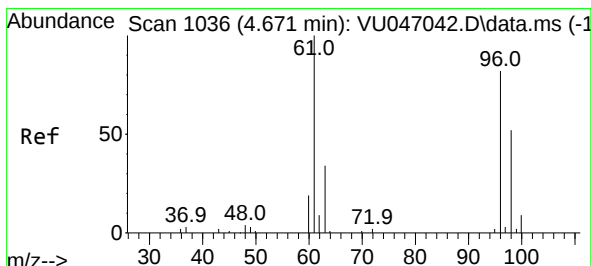
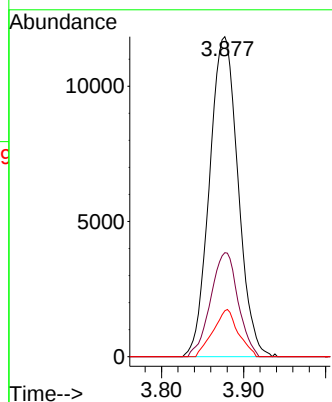
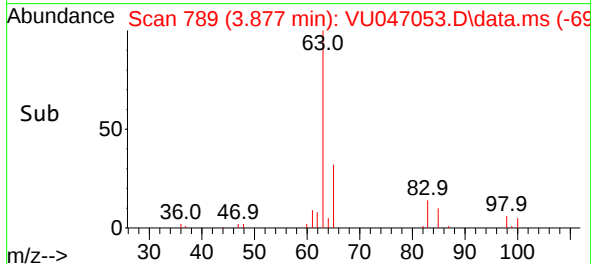
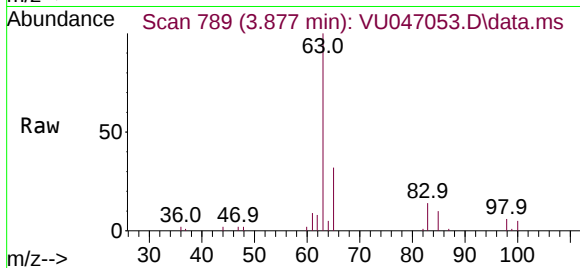
#19  
1,1-Dichloroethane  
Concen: 2.037 ug/L  
RT: 3.877 min Scan# 789  
Delta R.T. 0.000 min  
Lab File: VU047053.D  
Acq: 04 Feb 2022 18:22

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP5

Tgt Ion: 63 Resp: 28610  
Ion Ratio Lower Upper  
63 100  
65 32.5 22.7 42.1  
83 14.3 9.7 17.9

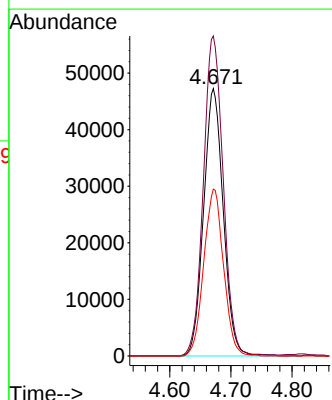
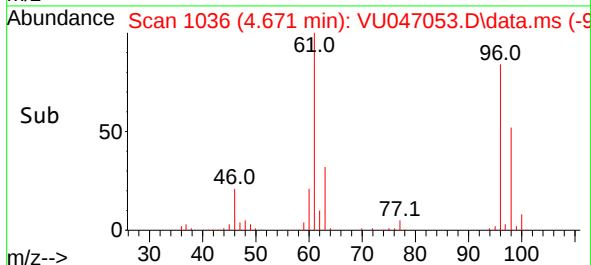
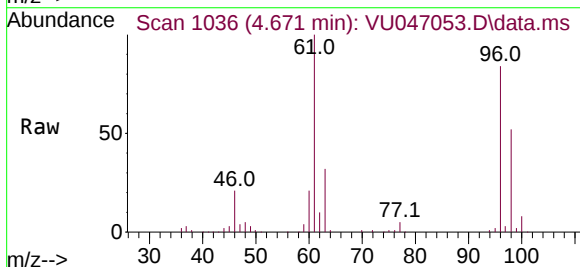
Manual Integrations  
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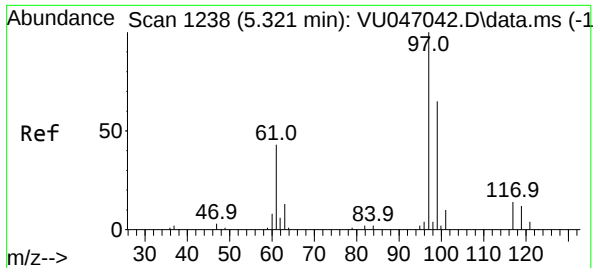
Reviewed By :Mahesh Dadoda 02/07/2022  
Supervised By :Semsettin Yesilyurt 02/07/2022



#22  
cis-1,2-Dichloroethene  
Concen: 13.304 ug/L  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU047053.D  
Acq: 04 Feb 2022 18:22

Tgt Ion: 96 Resp: 105596  
Ion Ratio Lower Upper  
96 100  
61 119.7 85.6 159.0  
98 62.4 44.7 83.1





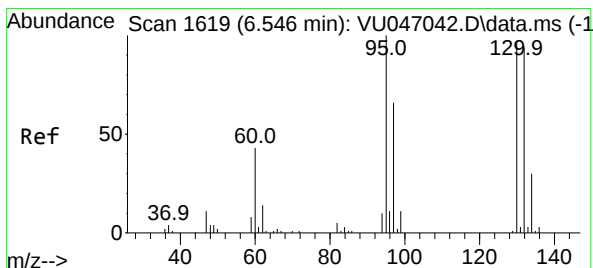
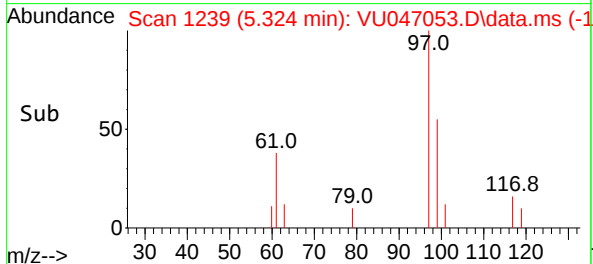
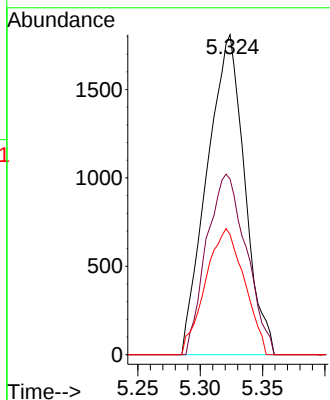
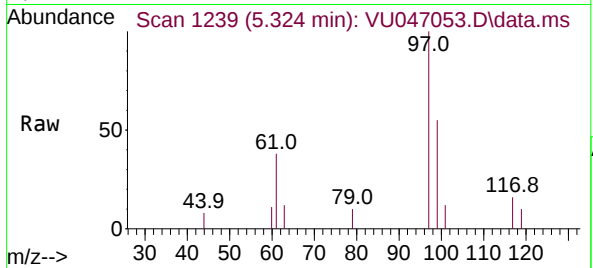
#29  
1,1,1-Trichloroethane  
Concen: 0.292 ug/L  
RT: 5.324 min Scan# 1238  
Delta R.T. 0.003 min  
Lab File: VU047053.D  
Acq: 04 Feb 2022 18:22

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP5

Tgt Ion: 97 Resp: 378  
Ion Ratio Lower Upper  
97 100  
99 60.0 51.5 77.3  
61 40.9 34.6 52.0

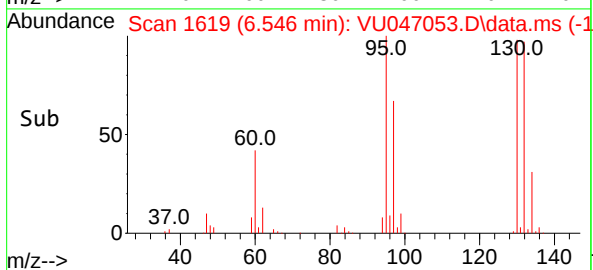
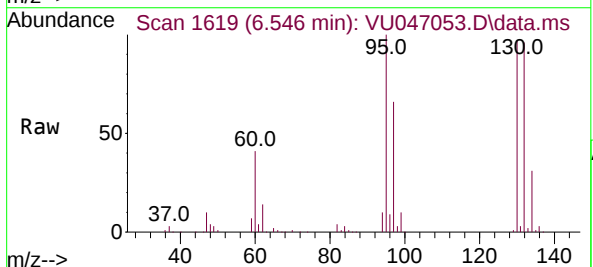
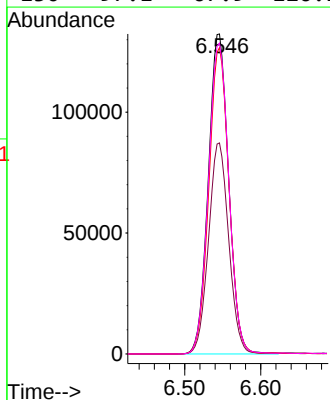
Manual Integrations  
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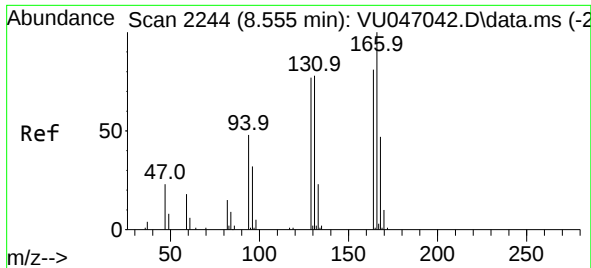
Reviewed By :Mahesh Dadoda 02/07/2022  
Supervised By :Semsettin Yesilyurt 02/07/2022



#34  
Trichloroethene  
Concen: 30.623 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU047053.D  
Acq: 04 Feb 2022 18:22

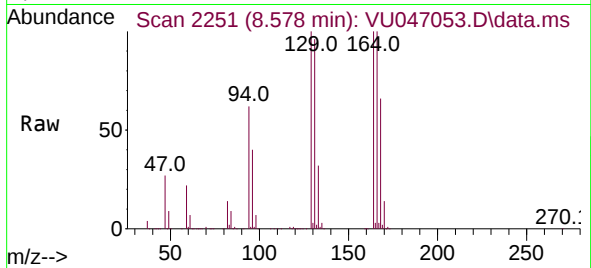
Tgt Ion: 95 Resp: 246708  
Ion Ratio Lower Upper  
95 100  
97 66.0 46.1 85.5  
132 95.7 65.9 122.5  
130 97.1 67.9 126.1





#47  
Tetrachloroethene  
Concen: 3522.281 ug/L m  
RT: 8.578 min Scan# 21  
Delta R.T. 0.023 min  
Lab File: VU047053.D  
Acq: 04 Feb 2022 18:22

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP5



Tgt Ion:164 Resp:22018920  
Ion Ratio Lower Upper  
164 100  
129 100.0 66.5 123.5  
131 96.1 67.5 125.4  
166 100.0 86.6 160.8

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