

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041122\  
 Data File : VU047924.D  
 Acq On : 11 Apr 2022 22:37  
 Operator : SY/MD  
 Sample : N2293-06ME  
 Misc : 6.60g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 12 05:05:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 12 04:48:51 2022  
 Response via : Initial Calibration

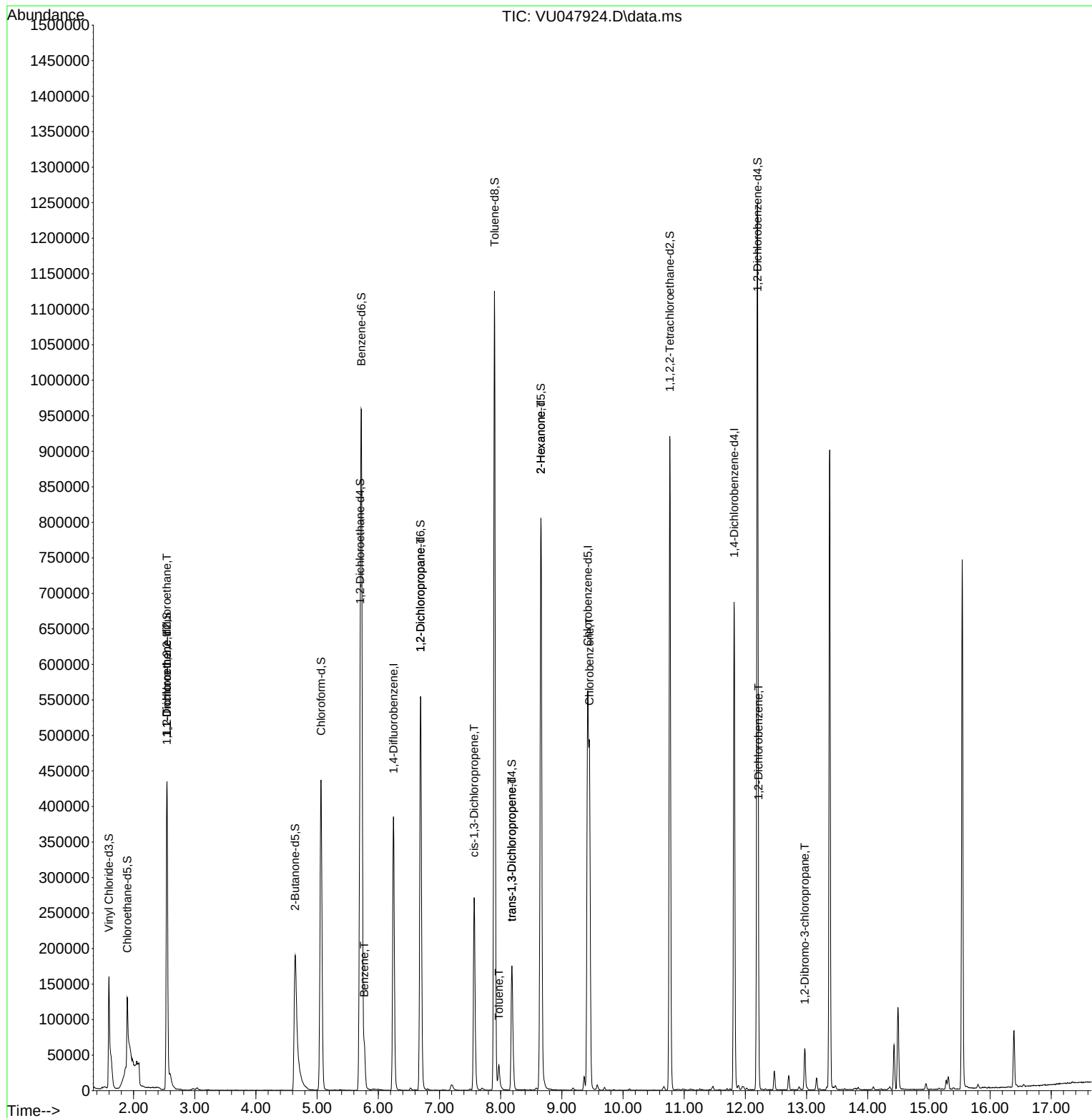
| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 339359               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 357594               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 188069               | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 197193               | 80.130  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 160.260%# |         |        |          |
| 7) Chloroethane-d5            | 1.896          | 69   | 127953               | 65.941  | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 131.880%# |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.546          | 63   | 276328               | 61.373  | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 122.740%  |         |        |          |
| 21) 2-Butanone-d5             | 4.642          | 46   | 428126               | 202.687 | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 202.690%# |         |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 422194               | 93.762  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 187.520%# |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 279569               | 101.232 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 202.460%# |         |        |          |
| 32) Benzene-d6                | 5.722          | 84   | 859790               | 95.553  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 191.100%# |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 281201               | 101.760 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 203.520%# |         |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 781691               | 89.165  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 178.340%# |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 119040               | 85.029  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 170.060%# |         |        |          |
| 47) 2-Hexanone-d5             | 8.658          | 63   | 330506               | 204.307 | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 204.310%# |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 453071               | 95.535  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 191.080%# |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 343203               | 102.573 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 205.140%# |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.542          | 101  | 2600                 | 1.039   | ug/L # | 18       |
| 12) 1,1-Dichloroethene        | 2.546          | 96   | 2398                 | 1.030   | ug/L # | 1        |
| 33) Benzene                   | 5.771          | 78   | 57009                | 5.508   | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.690          | 63   | 29647                | 11.267  | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.565          | 75   | 6946                 | 1.701   | ug/L # | 63       |
| 42) Toluene                   | 7.970          | 91   | 24788                | 2.183   | ug/L   | 94       |
| 44) trans-1,3-Dichloropropene | 8.182          | 75   | 4860                 | 1.192   | ug/L   | 93       |
| 48) 2-Hexanone                | 8.658          | 43   | 38323                | 10.713  | ug/L # | 65       |
| 51) Chlorobenzene             | 9.452          | 112  | 257015               | 33.329  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.214         | 146  | 4836                 | 0.856   | ug/L # | 80       |
| 68) 1,2-Dibromo-3-chloropr... | 12.970         | 75   | 9581                 | 8.436   | ug/L # | 1        |
| -----                         |                |      |                      |         |        |          |

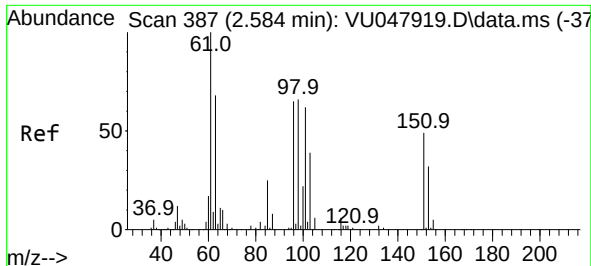
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041122\  
Data File : VU047924.D  
Acq On : 11 Apr 2022 22:37  
Operator : SY/MD  
Sample : N2293-06ME  
Misc : 6.60g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

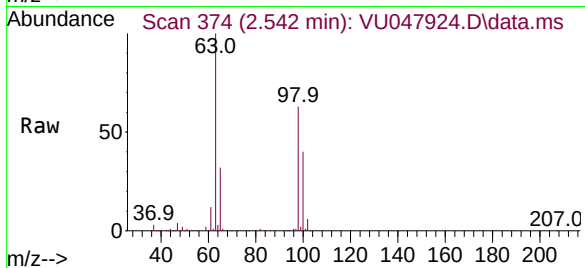
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 12 04:48:51 2022  
Response via : Initial Calibration



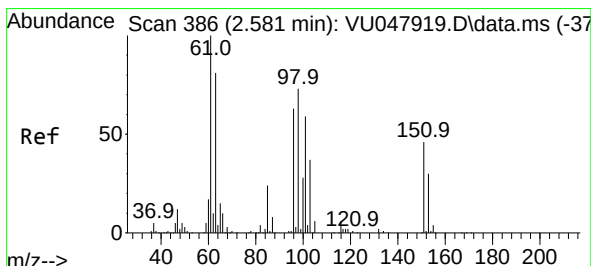
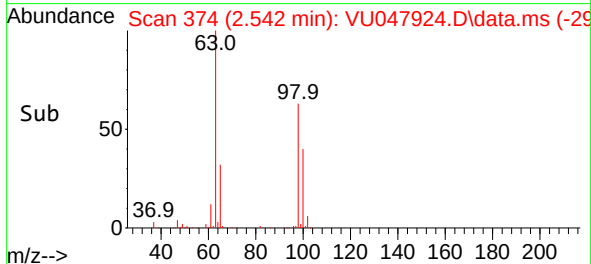
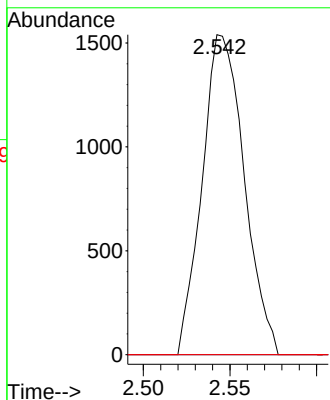


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 1.039 ug/L  
 RT: 2.542 min Scan# 31  
 Delta R.T. -0.042 min  
 Lab File: VU047924.D  
 Acq: 11 Apr 2022 22:37

Instrument :  
 MSVOA\_U  
 ClientSampleId :

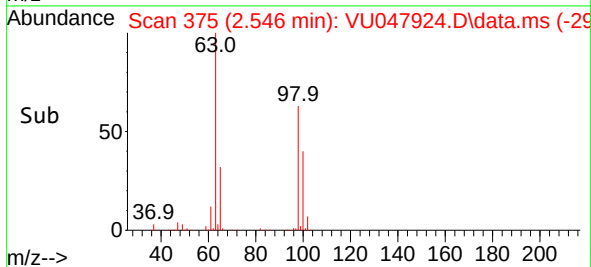
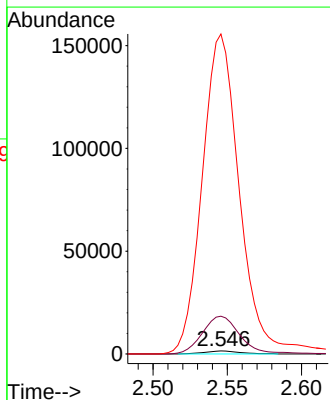
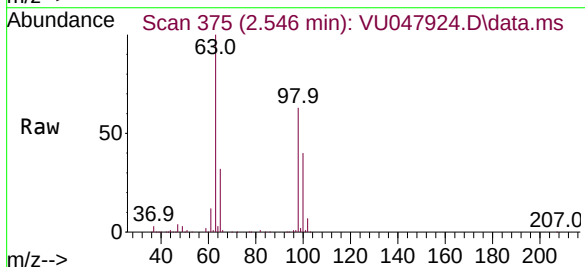


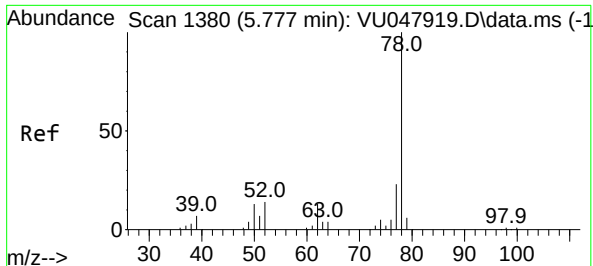
Tgt Ion:101 Resp: 2600  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 32.8 49.2#  
 151 0.0 63.0 94.6#



#12  
 1,1-Dichloroethene  
 Concen: 1.030 ug/L  
 RT: 2.546 min Scan# 375  
 Delta R.T. -0.035 min  
 Lab File: VU047924.D  
 Acq: 11 Apr 2022 22:37

Tgt Ion: 96 Resp: 2398  
 Ion Ratio Lower Upper  
 96 100  
 61 1275.1 113.1 210.1#  
 63 10786.4 94.8 176.0#

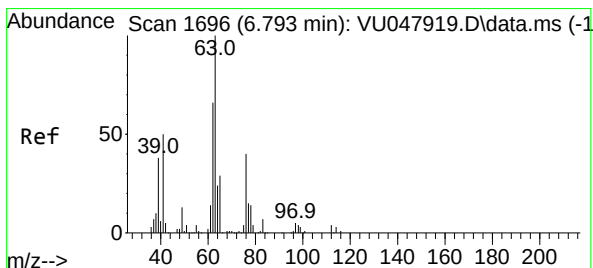
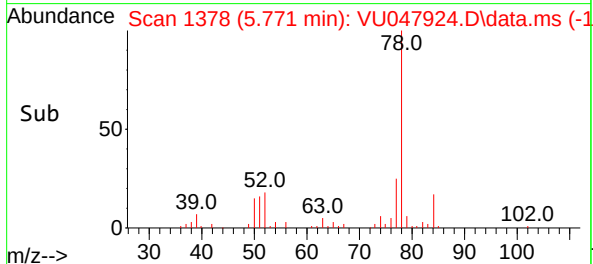
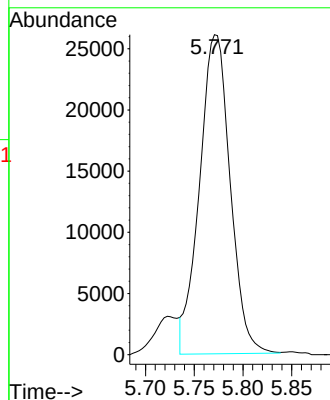
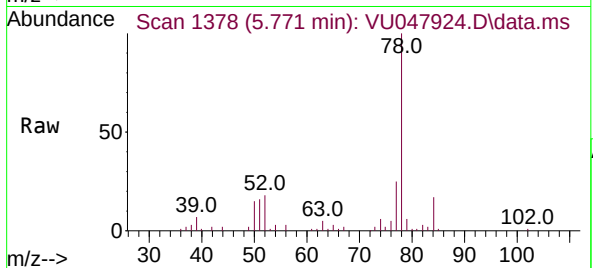




#33  
Benzene  
Concen: 5.508 ug/L  
RT: 5.771 min Scan# 1380  
Delta R.T. -0.007 min  
Lab File: VU047924.D  
Acq: 11 Apr 2022 22:37

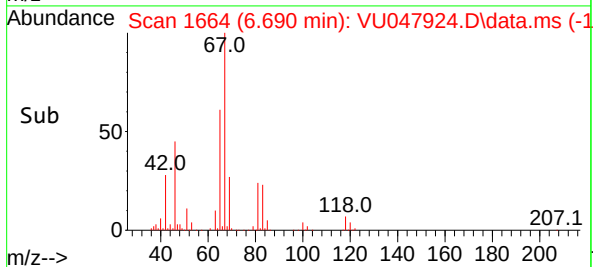
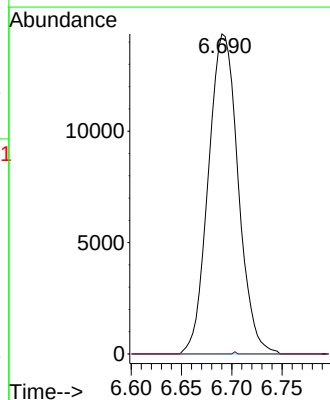
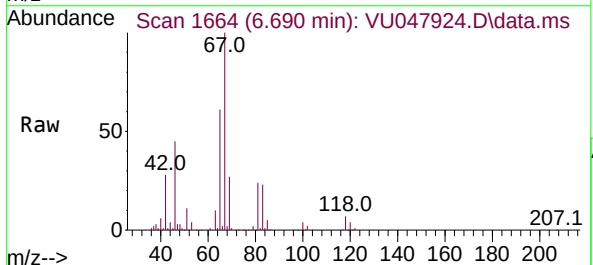
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ClientSampleId :

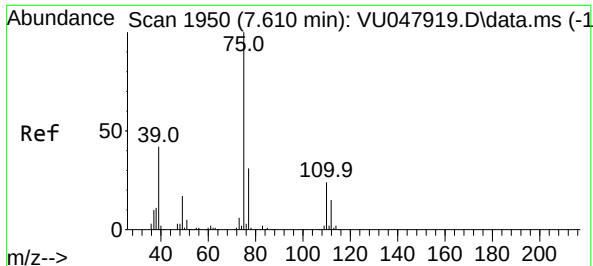
Tgt Ion: 78 Resp: 57009



#37  
1,2-Dichloropropane  
Concen: 11.267 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.103 min  
Lab File: VU047924.D  
Acq: 11 Apr 2022 22:37

Tgt Ion: 63 Resp: 29647  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.701 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU047924.D

Acq: 11 Apr 2022 22:37

Instrument :

MSVOA\_U

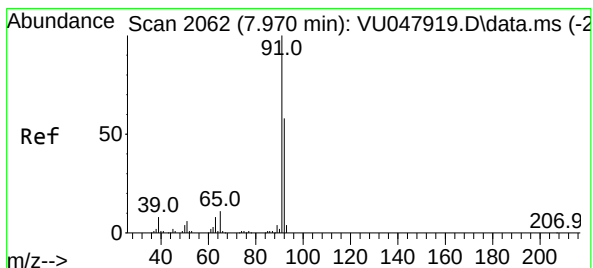
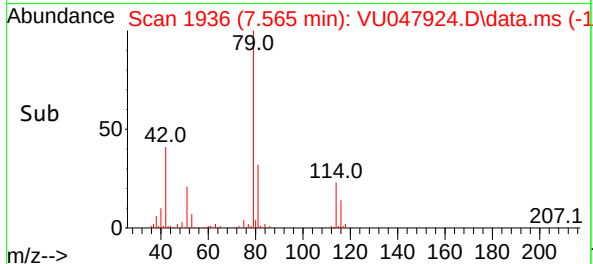
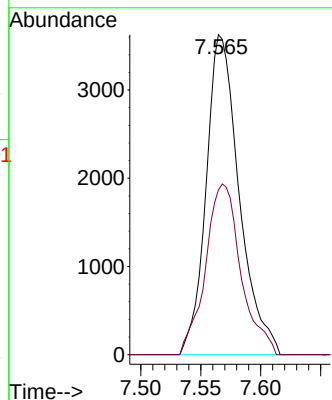
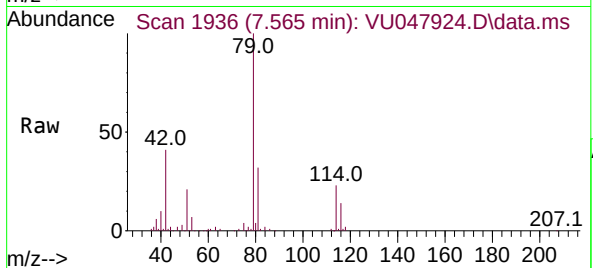
ClientSampleId :

Tgt Ion: 75 Resp: 6946

Ion Ratio Lower Upper

75 100

77 51.5 21.8 40.6#



#42

Toluene

Concen: 2.183 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047924.D

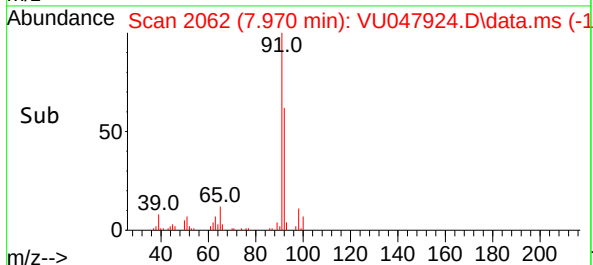
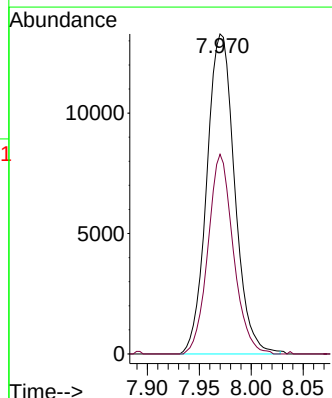
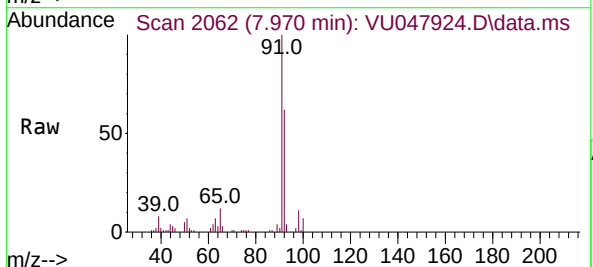
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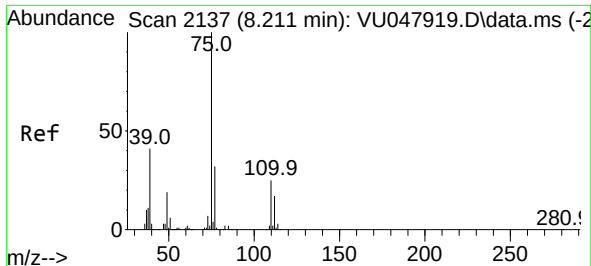
Tgt Ion: 91 Resp: 24788

Ion Ratio Lower Upper

91 100

92 62.4 40.4 75.0

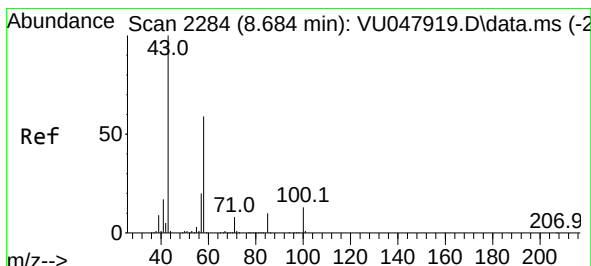
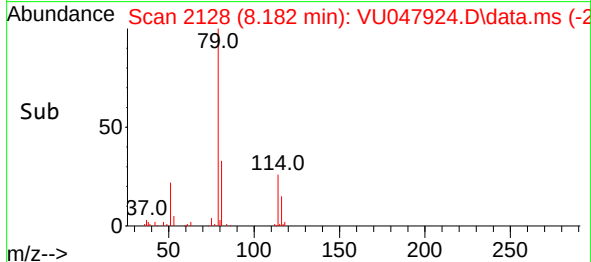
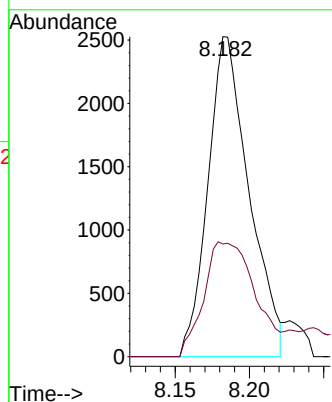
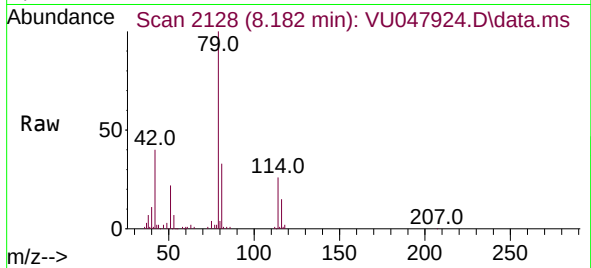




#44  
trans-1,3-Dichloropropene  
Concen: 1.192 ug/L  
RT: 8.182 min Scan# 2137  
Delta R.T. -0.029 min  
Lab File: VU047924.D  
Acq: 11 Apr 2022 22:37

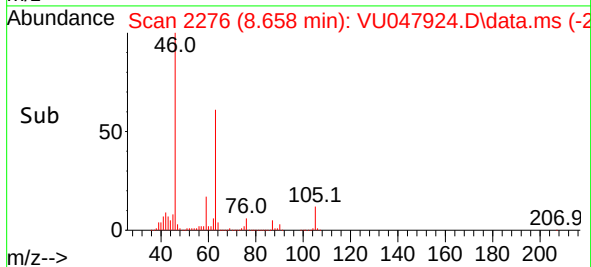
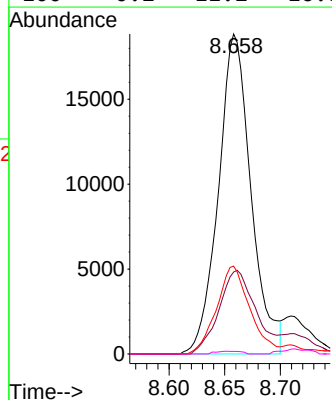
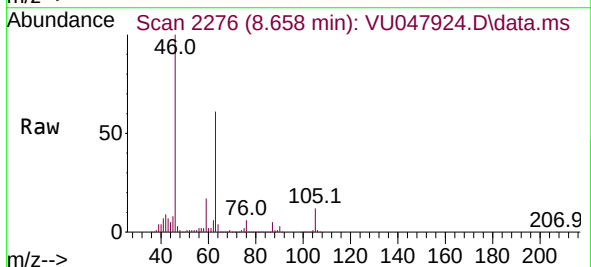
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MSVOA\_U  
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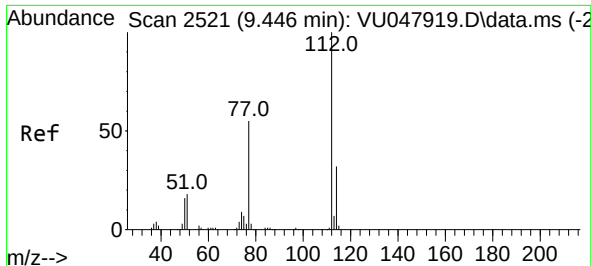
Tgt Ion: 75 Resp: 4860  
Ion Ratio Lower Upper  
75 100  
77 35.2 22.0 40.8



#48  
2-Hexanone  
Concen: 10.713 ug/L  
RT: 8.658 min Scan# 2276  
Delta R.T. -0.026 min  
Lab File: VU047924.D  
Acq: 11 Apr 2022 22:37

Tgt Ion: 43 Resp: 38323  
Ion Ratio Lower Upper  
43 100  
58 29.4 48.1 72.1#  
57 28.2 16.2 24.4#  
100 0.2 11.2 16.8#

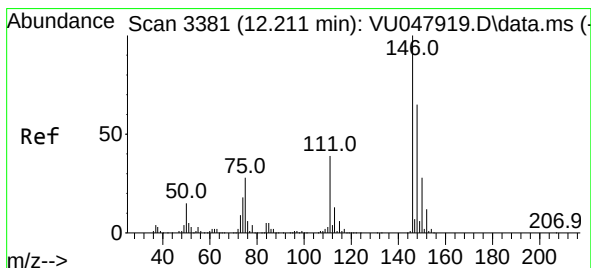
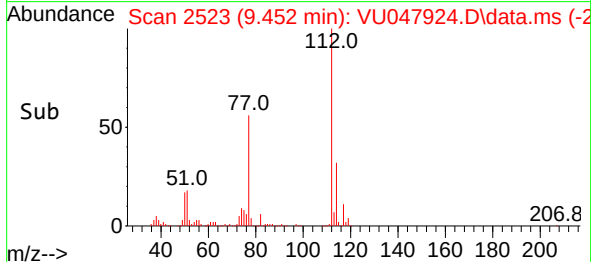
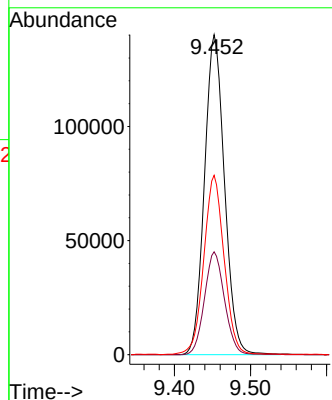
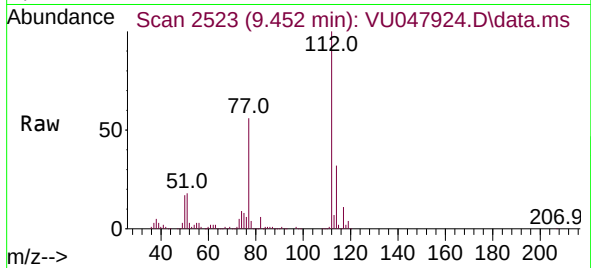




#51  
Chlorobenzene  
Concen: 33.329 ug/L  
RT: 9.452 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VU047924.D  
Acq: 11 Apr 2022 22:37

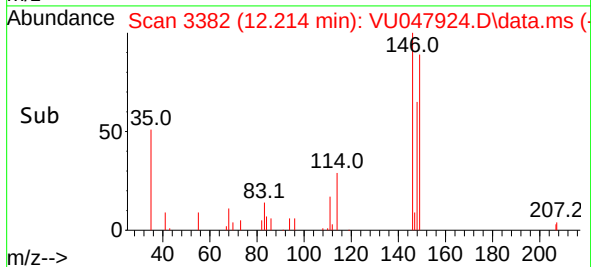
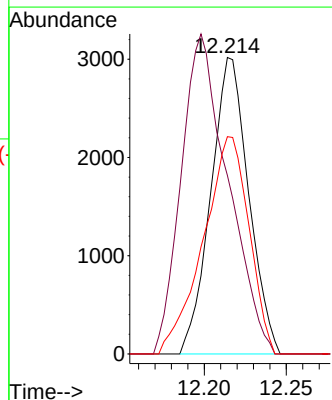
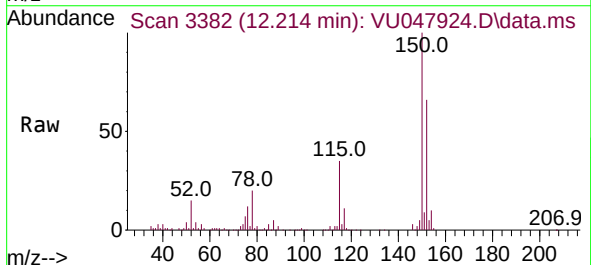
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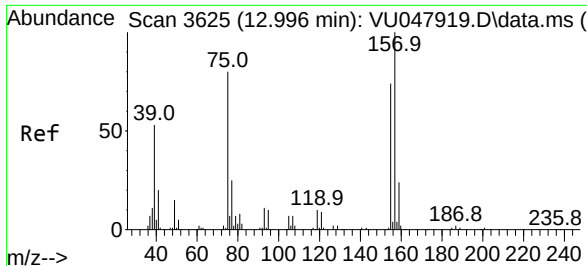
Tgt Ion:112 Resp: 257015  
Ion Ratio Lower Upper  
112 100  
114 32.1 22.1 41.1  
77 56.1 43.4 65.0



#67  
1,2-Dichlorobenzene  
Concen: 0.856 ug/L  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.003 min  
Lab File: VU047924.D  
Acq: 11 Apr 2022 22:37

Tgt Ion:146 Resp: 4836  
Ion Ratio Lower Upper  
146 100  
111 60.2 31.7 47.5#  
148 73.3 51.4 77.2





#68

1,2-Dibromo-3-chloropropane

Concen: 8.436 ug/L

RT: 12.970 min Scan# 30

Delta R.T. -0.026 min

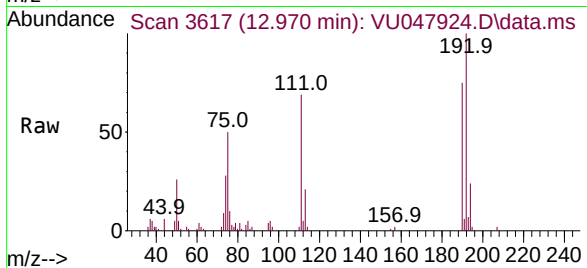
Lab File: VU047924.D

Acq: 11 Apr 2022 22:37

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion: 75 Resp: 9581

Ion Ratio Lower Upper

75 100

155 2.3 78.9 118.3#

157 3.3 97.5 146.3#

