

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042922\  
 Data File : VU048356.D  
 Acq On : 29 Apr 2022 14:45  
 Operator : SY/MD  
 Sample : N2562-11ME  
 Misc : 5.71g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW472ME

Quant Time: Apr 30 04:40:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 30 04:38:24 2022  
 Response via : Initial Calibration

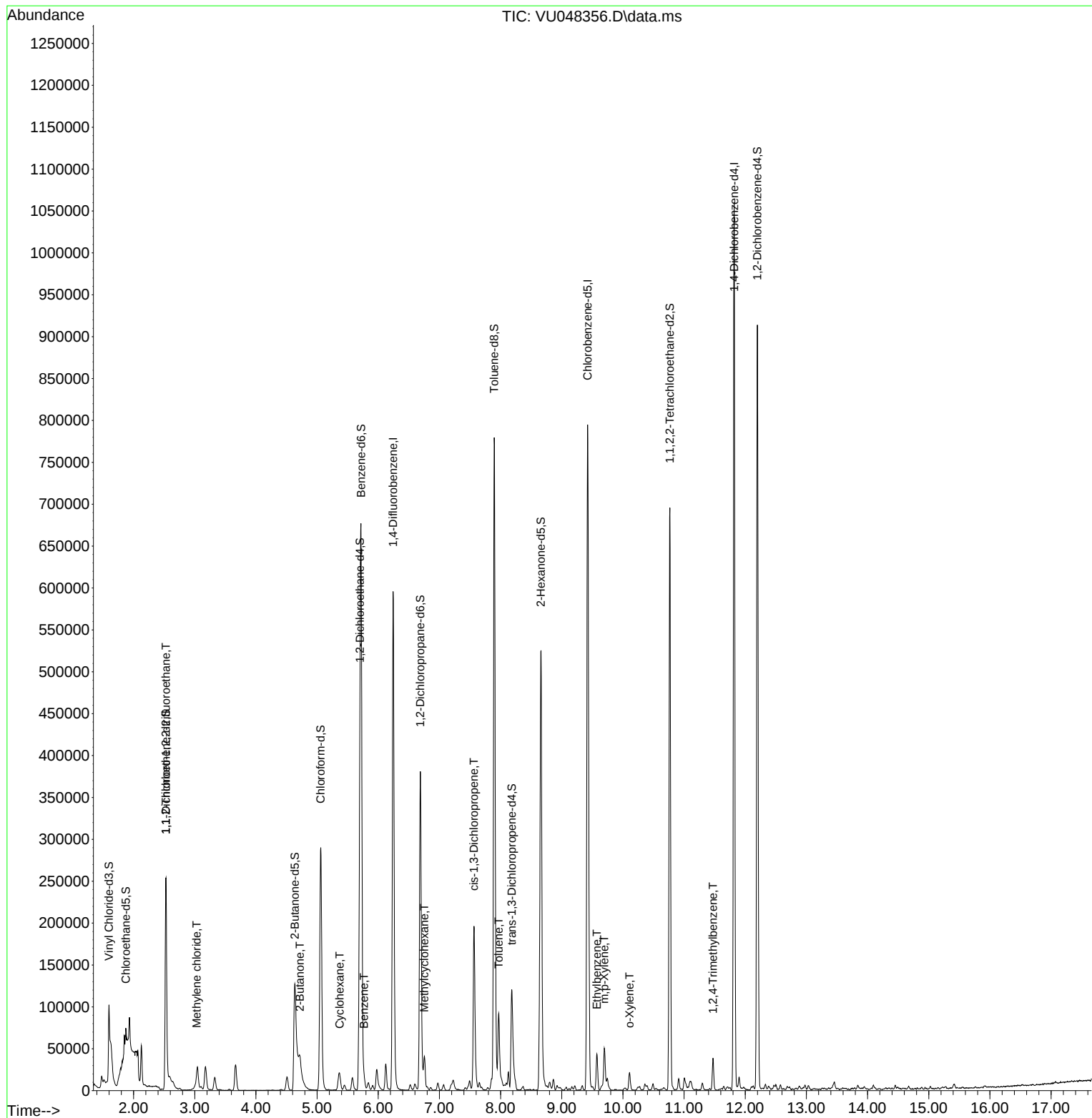
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 534729     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 573178     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 301961     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 72744      | 14.794   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 29.580%# |        |          |
| 7) Chloroethane-d5            | 1.874          | 69   | 27654      | 8.012    | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 16.020%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.526          | 63   | 180854     | 22.955   | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 45.900%# |        |          |
| 21) 2-Butanone-d5             | 4.636          | 46   | 290604     | 69.292   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 69.290%  |        |          |
| 24) Chloroform-d              | 5.060          | 84   | 285306     | 31.989   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 63.980%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 189124     | 35.738   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 71.480%  |        |          |
| 32) Benzene-d6                | 5.719          | 84   | 598883     | 33.129   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 66.260%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 201471     | 33.711   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 67.420%# |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 565408     | 34.506   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 69.020%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 91959      | 34.871   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.740%  |        |          |
| 47) 2-Hexanone-d5             | 8.658          | 63   | 227642     | 70.600   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 70.600%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767         | 84   | 349062     | 33.303   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 66.600%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 258560     | 38.064   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 76.120%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.526          | 101  | 1666       | 0.414    | ug/L # | 18       |
| 16) Methylene chloride        | 3.031          | 84   | 5752       | 1.269    | ug/L   | 86       |
| 22) 2-Butanone                | 4.719          | 43   | 39706      | 9.973    | ug/L   | 97       |
| 29) Cyclohexane               | 5.369          | 56   | 8676       | 1.602    | ug/L # | 57       |
| 33) Benzene                   | 5.767          | 78   | 12932      | 0.762    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.755          | 83   | 15226      | 2.607    | ug/L   | 91       |
| 39) cis-1,3-Dichloropropene   | 7.562          | 75   | 4938       | 0.727    | ug/L # | 56       |
| 42) Toluene                   | 7.970          | 91   | 71777      | 4.029    | ug/L   | 97       |
| 52) Ethylbenzene              | 9.574          | 91   | 34568      | 1.873    | ug/L   | 95       |
| 53) m,p-Xylene                | 9.697          | 106  | 15689      | 2.155    | ug/L   | 95       |
| 54) o-Xylene                  | 10.108         | 106  | 6483       | 0.884    | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.475         | 105  | 19940      | 1.457    | ug/L   | 100      |
| -----                         |                |      |            |          |        |          |

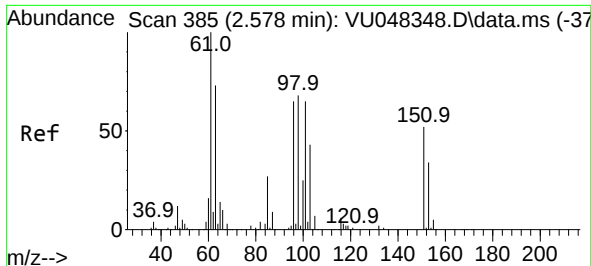
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042922\  
Data File : VU048356.D  
Acq On : 29 Apr 2022 14:45  
Operator : SY/MD  
Sample : N2562-11ME  
Misc : 5.71g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW472ME

Quant Time: Apr 30 04:40:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Apr 30 04:38:24 2022  
Response via : Initial Calibration

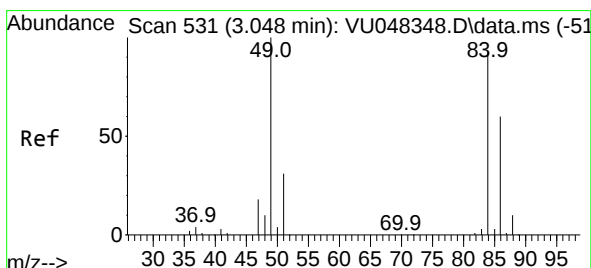
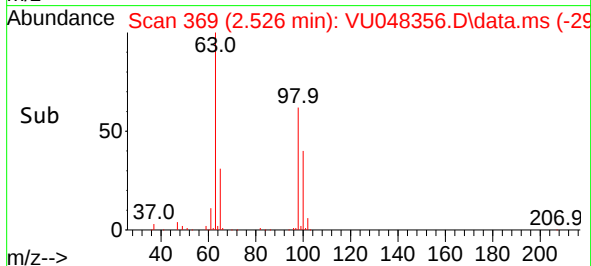
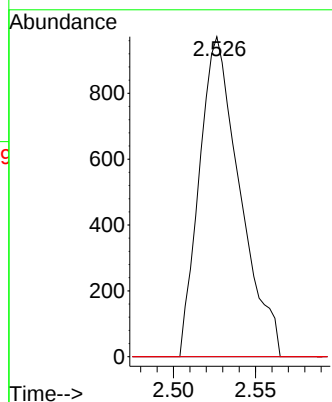
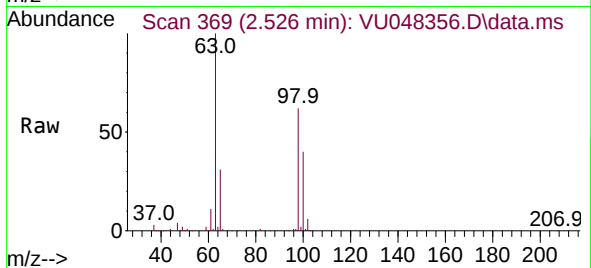




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.414 ug/L  
RT: 2.526 min Scan# 30  
Delta R.T. -0.052 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

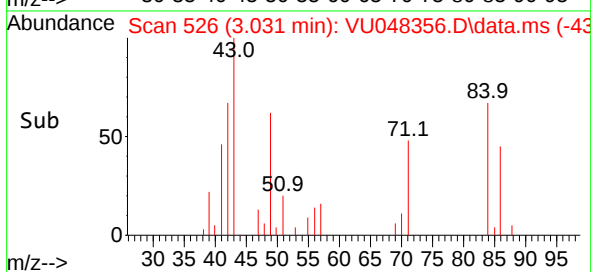
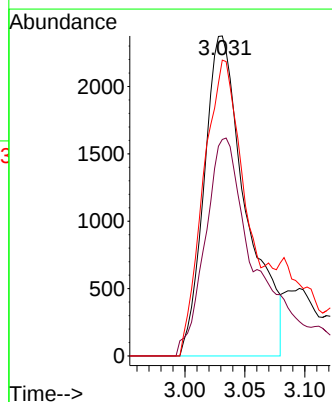
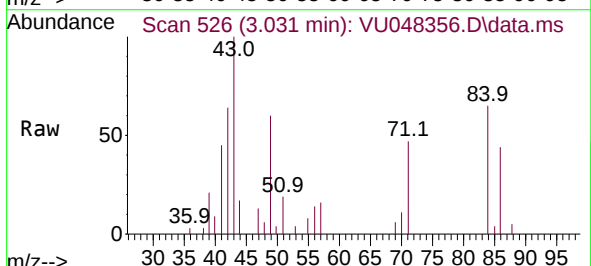
Instrument :  
MSVOA\_U  
ClientSampleId :  
EW472ME

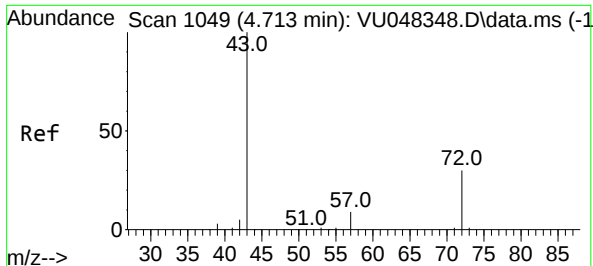
Tgt Ion:101 Resp: 1666  
Ion Ratio Lower Upper  
101 100  
85 0.0 32.6 48.8#  
151 0.0 64.1 96.1#



#16  
Methylene chloride  
Concen: 1.269 ug/L  
RT: 3.031 min Scan# 526  
Delta R.T. -0.016 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

Tgt Ion: 84 Resp: 5752  
Ion Ratio Lower Upper  
84 100  
86 67.7 45.4 84.2  
49 92.5 79.2 147.0





#22

2-Butanone

Concen: 9.973 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VU048356.D

Acq: 29 Apr 2022 14:45

Instrument :

MSVOA\_U

ClientSampleId :

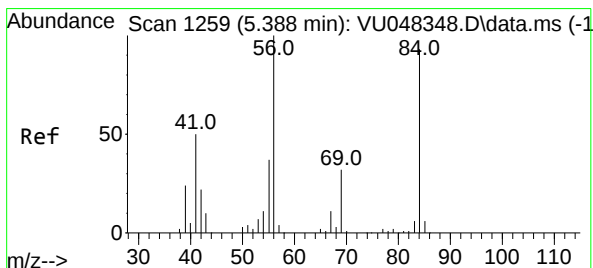
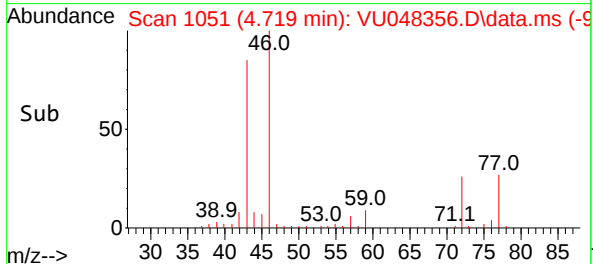
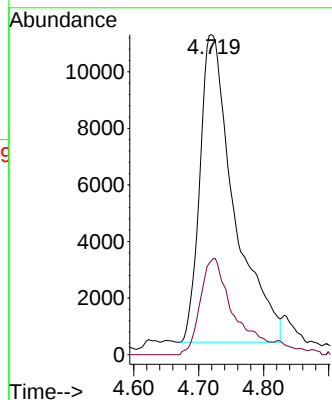
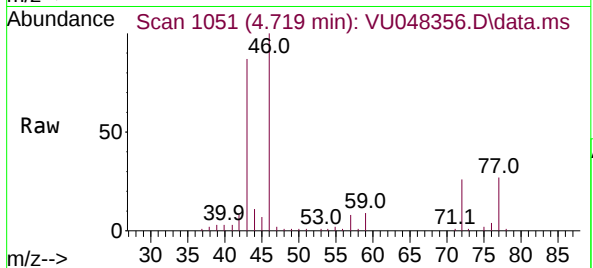
EW472ME

Tgt Ion: 43 Resp: 39706

Ion Ratio Lower Upper

43 100

72 27.3 14.6 43.8



#29

Cyclohexane

Concen: 1.602 ug/L

RT: 5.369 min Scan# 1253

Delta R.T. -0.020 min

Lab File: VU048356.D

Acq: 29 Apr 2022 14:45

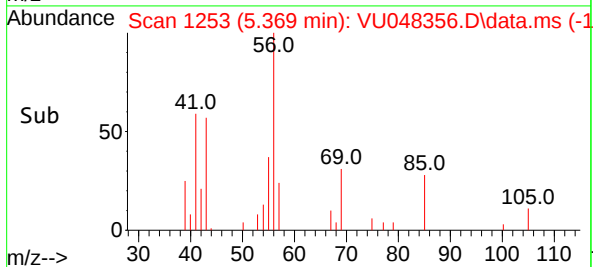
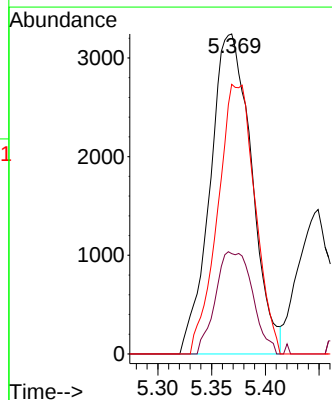
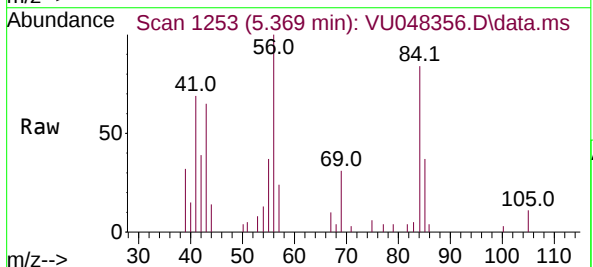
Tgt Ion: 56 Resp: 8676

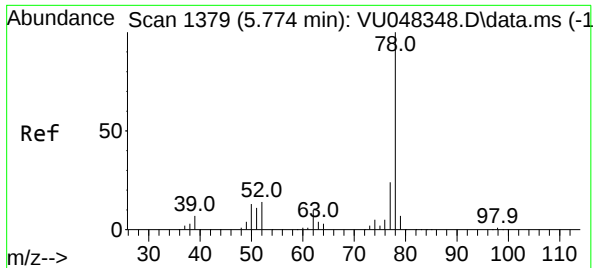
Ion Ratio Lower Upper

56 100

69 15.9 24.2 36.4#

84 44.8 72.2 108.2#

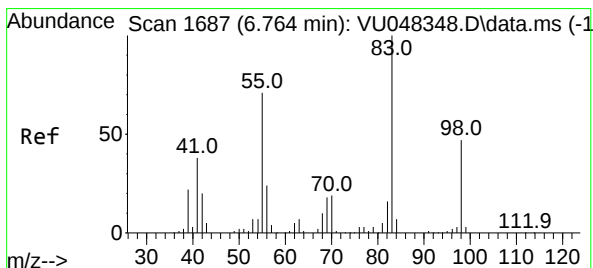
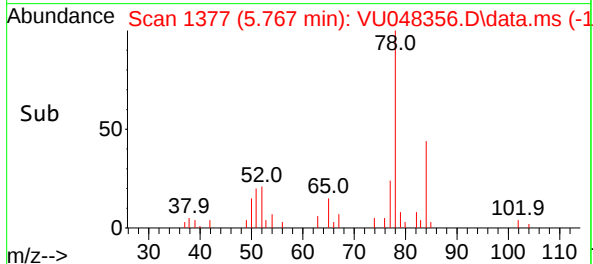
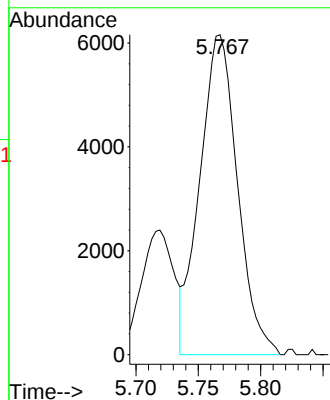
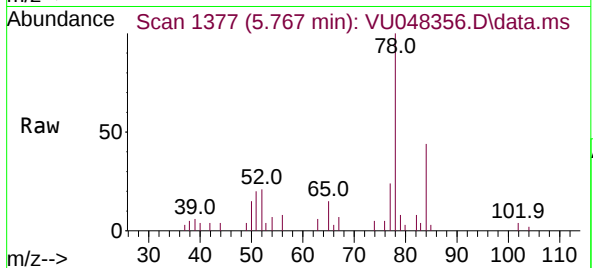




#33  
Benzene  
Concen: 0.762 ug/L  
RT: 5.767 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

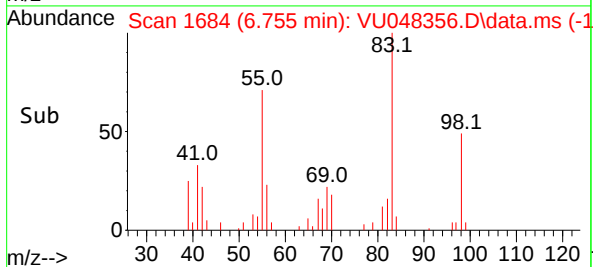
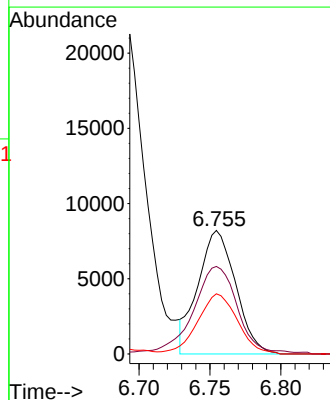
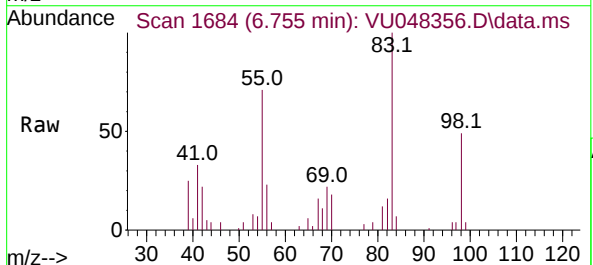
Instrument :  
MSVOA\_U  
ClientSampleId :  
EW472ME

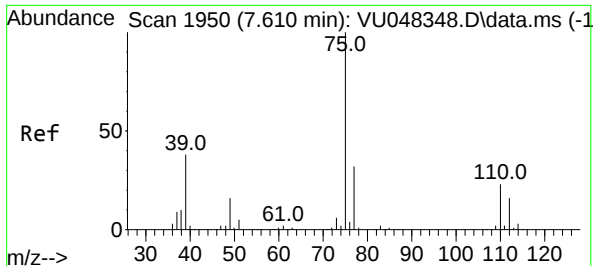
Tgt Ion: 78 Resp: 12932



#35  
Methylcyclohexane  
Concen: 2.607 ug/L  
RT: 6.755 min Scan# 1684  
Delta R.T. -0.010 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

Tgt Ion: 83 Resp: 15226  
Ion Ratio Lower Upper  
83 100  
55 83.4 59.4 89.2  
98 51.4 37.3 55.9





#39

cis-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.562 min Scan# 1950

Delta R.T. -0.048 min

Lab File: VU048356.D

Acq: 29 Apr 2022 14:45

Instrument :

MSVOA\_U

ClientSampleId :

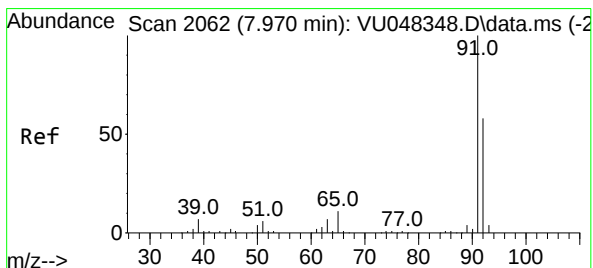
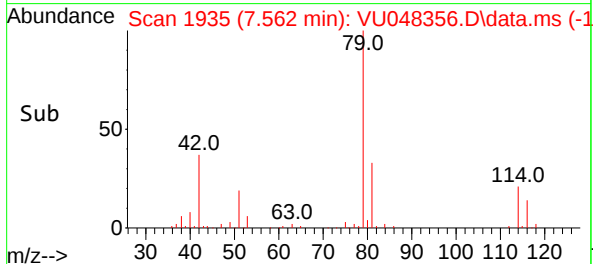
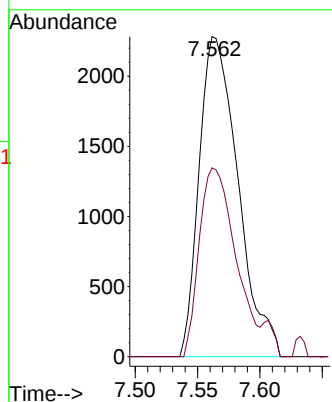
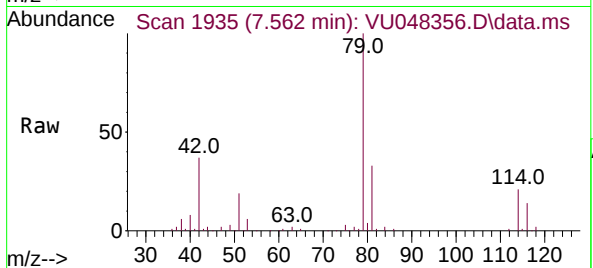
EW472ME

Tgt Ion: 75 Resp: 4938

Ion Ratio Lower Upper

75 100

77 55.9 22.0 41.0#



#42

Toluene

Concen: 4.029 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048356.D

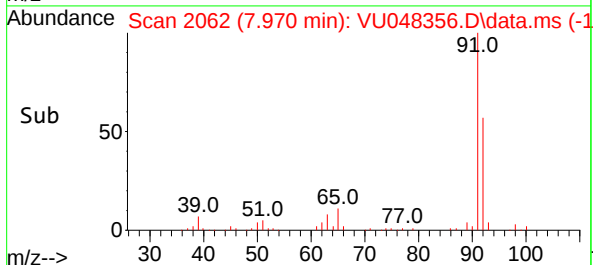
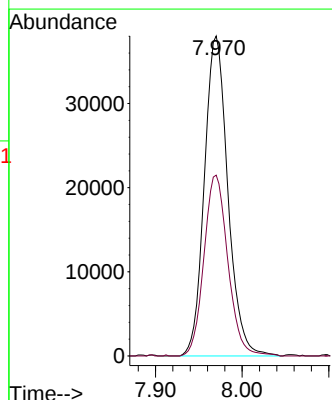
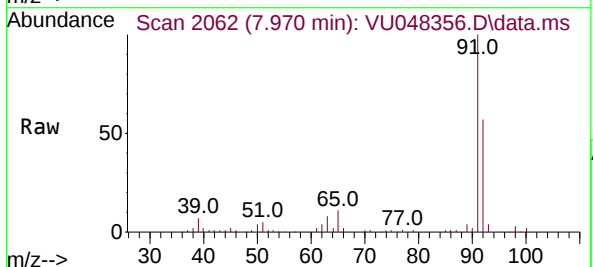
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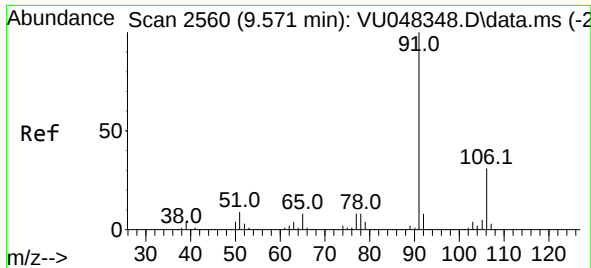
Tgt Ion: 91 Resp: 71777

Ion Ratio Lower Upper

91 100

92 56.5 40.9 76.0

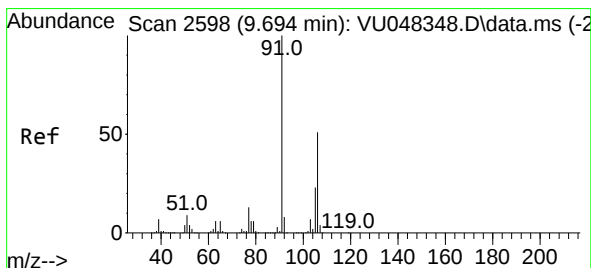
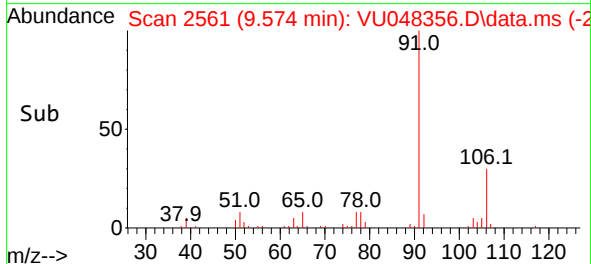
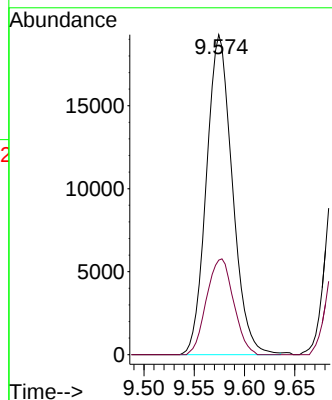
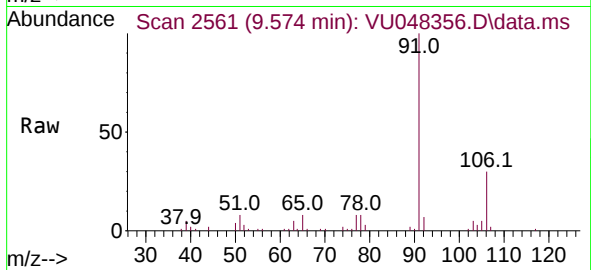




#52  
Ethylbenzene  
Concen: 1.873 ug/L  
RT: 9.574 min Scan# 2560  
Delta R.T. 0.003 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

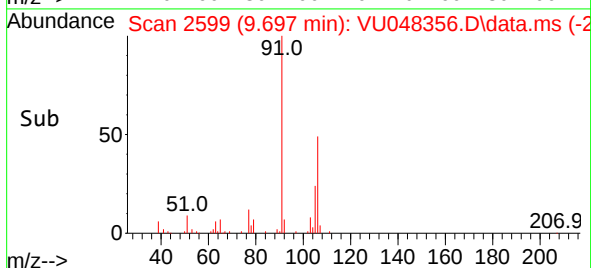
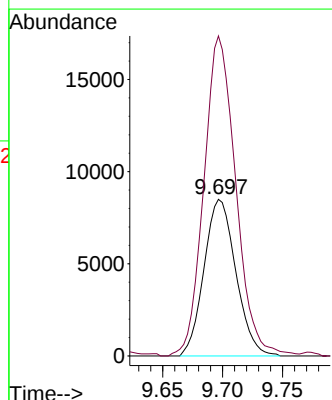
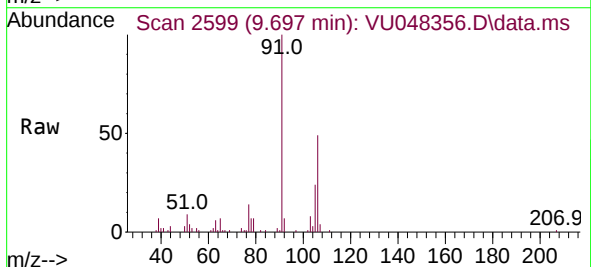
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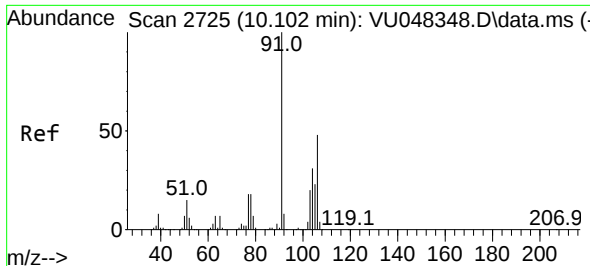
Tgt Ion: 91 Resp: 34568  
Ion Ratio Lower Upper  
91 100  
106 29.6 22.5 41.9



#53  
m,p-Xylene  
Concen: 2.155 ug/L  
RT: 9.697 min Scan# 2599  
Delta R.T. 0.003 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

Tgt Ion: 106 Resp: 15689  
Ion Ratio Lower Upper  
106 100  
91 204.2 137.4 255.2

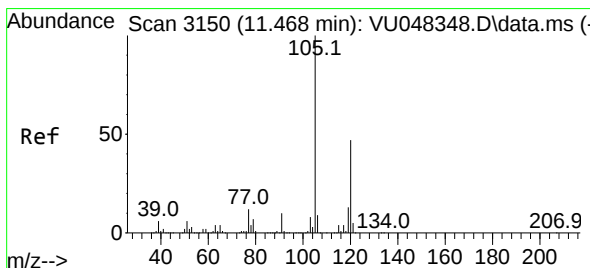
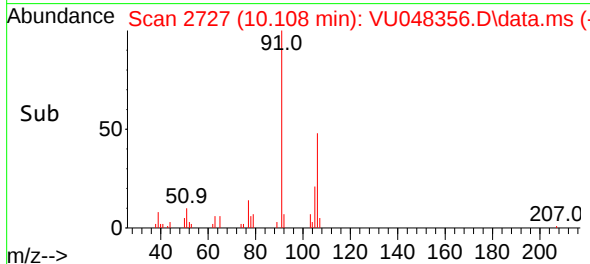
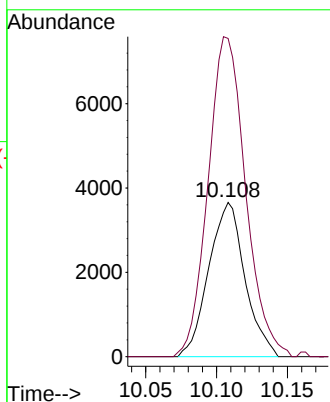
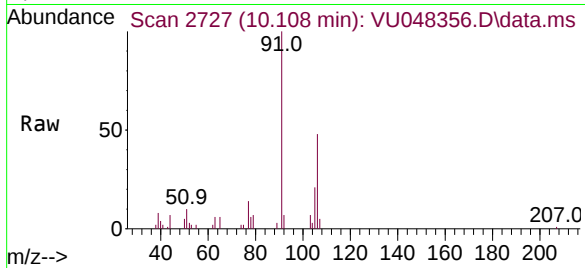




#54  
o-Xylene  
Concen: 0.884 ug/L  
RT: 10.108 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW472ME

Tgt Ion:106 Resp: 6483  
Ion Ratio Lower Upper  
106 100  
91 206.3 145.3 269.8



#63  
1,2,4-Trimethylbenzene  
Concen: 1.457 ug/L  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.006 min  
Lab File: VU048356.D  
Acq: 29 Apr 2022 14:45

Tgt Ion:105 Resp: 19940  
Ion Ratio Lower Upper  
105 100  
120 47.2 38.0 57.0

