

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW050322\  
 Data File : VW025813.D  
 Acq On : 03 May 2022 23:07  
 Operator : SY/MD  
 Sample : N2625-11  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6Z1

Quant Time: May 04 05:11:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR050322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 04 05:06:02 2022  
 Response via : Initial Calibration

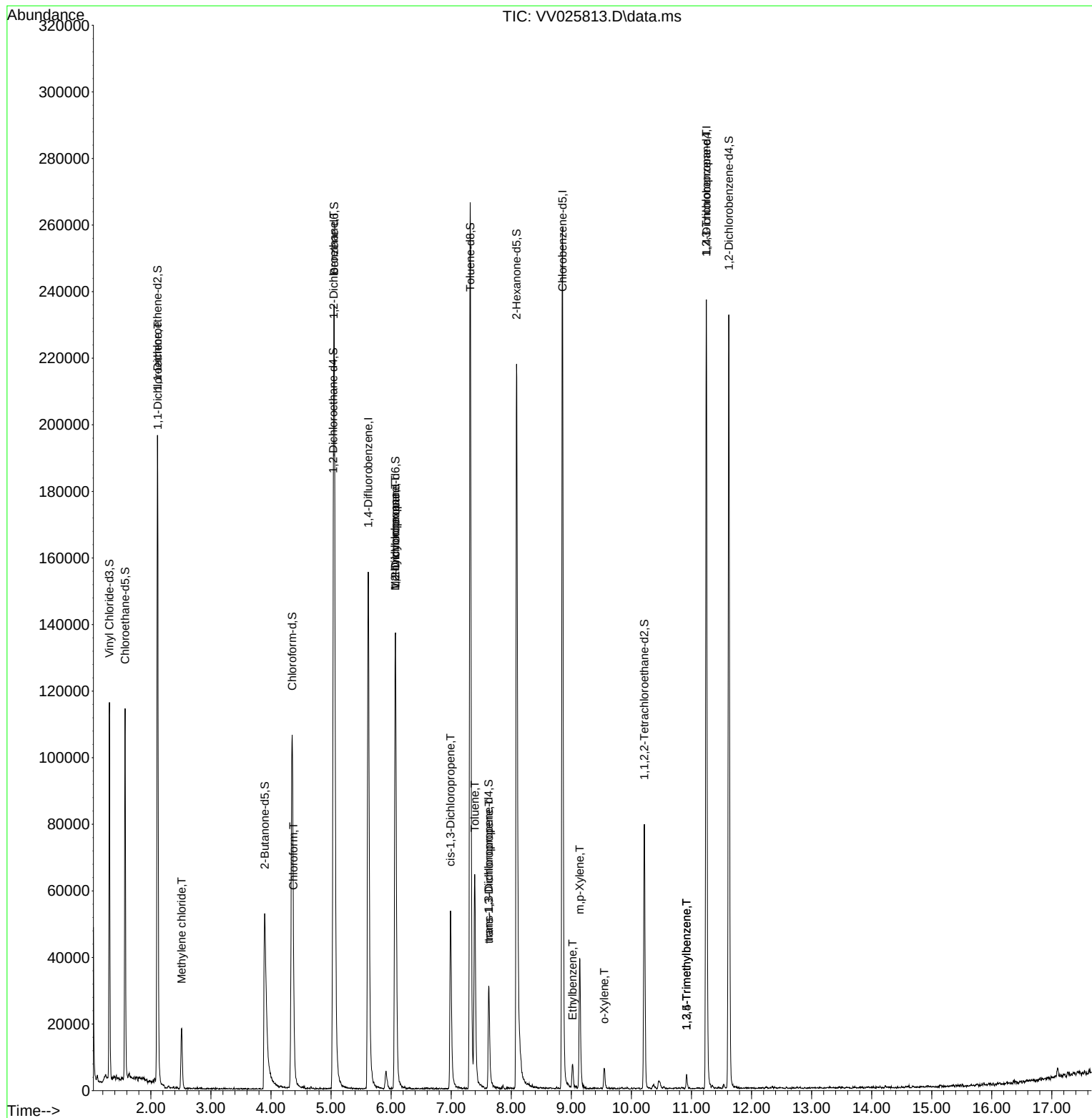
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 136483   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 141316   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 61668    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.311  | 65    | 71545    | 4.782    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.600%  |
| 7) Chloroethane-d5            | 1.571  | 69    | 69111    | 5.252    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 105.000% |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 103897   | 3.656    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 73.200%  |
| 20) 2-Butanone-d5             | 3.896  | 46    | 95364    | 46.580   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.160%  |
| 24) Chloroform-d              | 4.352  | 84    | 111407   | 4.972    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 50055    | 5.047    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.000% |
| 32) Benzene-d6                | 5.053  | 84    | 220194   | 4.852    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 66502    | 4.982    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 179064   | 4.362    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.200%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 18283    | 4.327    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 74075    | 44.985   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 38989    | 4.627    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 58297    | 5.389    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 1078     | 0.082    | ug/L # | 1        |
| 16) Methylene chloride        | 2.513  | 84    | 7711     | 0.604    | ug/L   | 95       |
| 25) Chloroform                | 4.375  | 83    | 2445     | 0.113    | ug/L # | 70       |
| 27) 1,2-Dichloroethane        | 5.044  | 62    | 610      | 0.052    | ug/L # | 71       |
| 35) Methylcyclohexane         | 6.069  | 83    | 15918    | 0.829    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 7536     | 0.655    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1366     | 0.097    | ug/L # | 55       |
| 42) Toluene                   | 7.394  | 91    | 48825    | 0.971    | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.629  | 75    | 929      | 0.083    | ug/L # | 65       |
| 52) Ethylbenzene              | 9.021  | 91    | 5333     | 0.102    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.140  | 106   | 11526    | 0.563    | ug/L   | 93       |
| 54) o-Xylene                  | 9.548  | 106   | 1943     | 0.100    | ug/L   | 80       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 7461     | 1.512    | ug/L # | 61       |
| 62) 1,3,5-Trimethylbenzene    | 10.918 | 105   | 2379     | 0.133    | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105   | 2379     | 0.073    | ug/L   | 91       |
| -----                         |        |       |          |          |        |          |

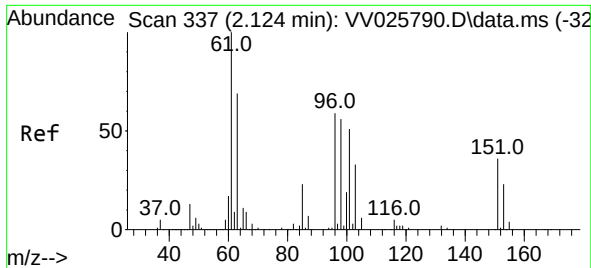
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed May 04 05:06:02 2022  
Response via : Initial Calibration

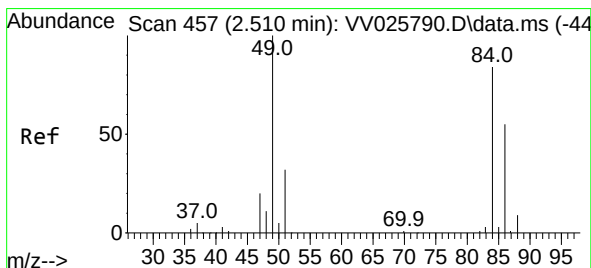
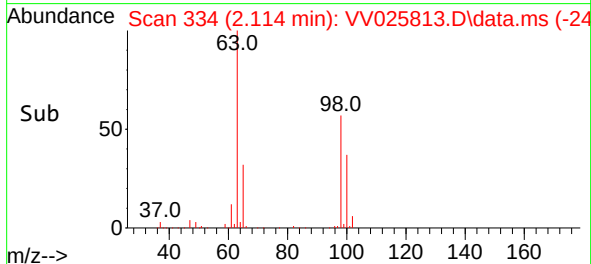
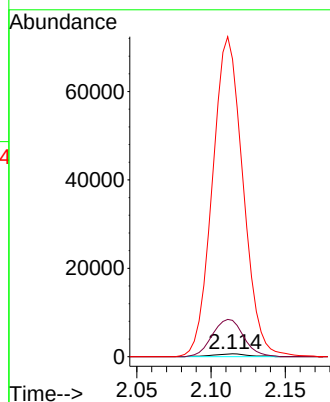
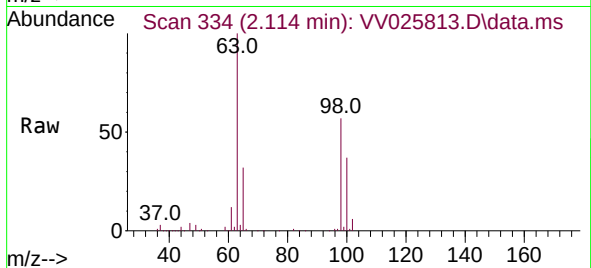




#12  
1,1-Dichloroethene  
Concen: 0.082 ug/L  
RT: 2.114 min Scan# 311  
Delta R.T. -0.010 min  
Lab File: VV025813.D  
Acq: 03 May 2022 23:07

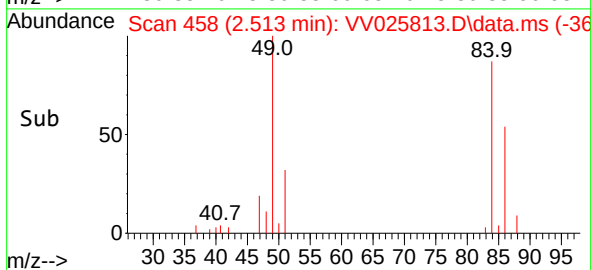
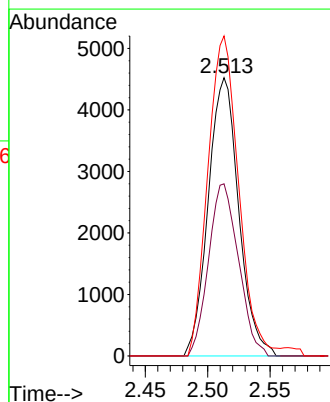
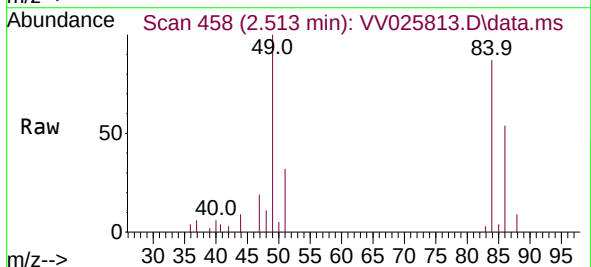
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6Z1

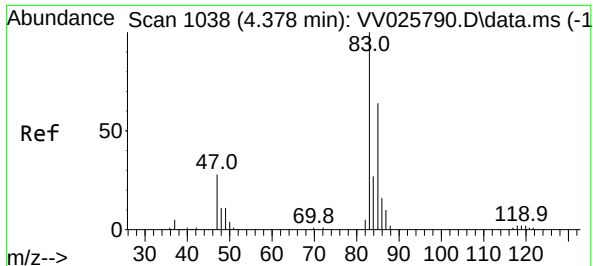
Tgt Ion: 96 Resp: 1078  
Ion Ratio Lower Upper  
96 100  
61 1251.6 125.2 232.4#  
63 10250.2 114.4 212.4#



#16  
Methylene chloride  
Concen: 0.604 ug/L  
RT: 2.513 min Scan# 458  
Delta R.T. 0.003 min  
Lab File: VV025813.D  
Acq: 03 May 2022 23:07

Tgt Ion: 84 Resp: 7711  
Ion Ratio Lower Upper  
84 100  
86 61.9 45.9 85.3  
49 115.0 76.6 142.3





#25

Chloroform

Concen: 0.113 ug/L

RT: 4.375 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025813.D

Acq: 03 May 2022 23:07

Instrument :

MSVOA\_V

ClientSampleId :

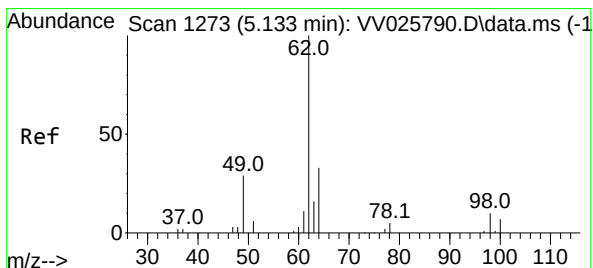
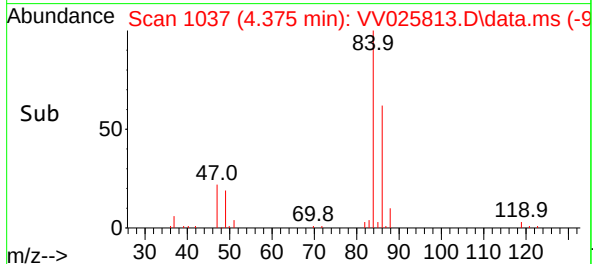
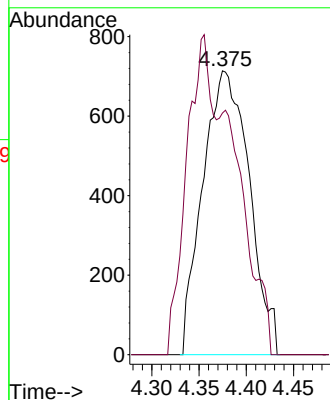
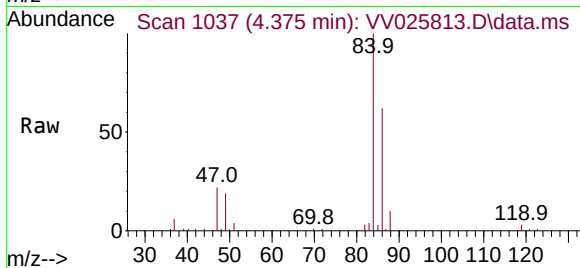
EW6Z1

Tgt Ion: 83 Resp: 2445

Ion Ratio Lower Upper

83 100

85 85.2 43.5 80.7#



#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.044 min Scan# 1245

Delta R.T. -0.090 min

Lab File: VV025813.D

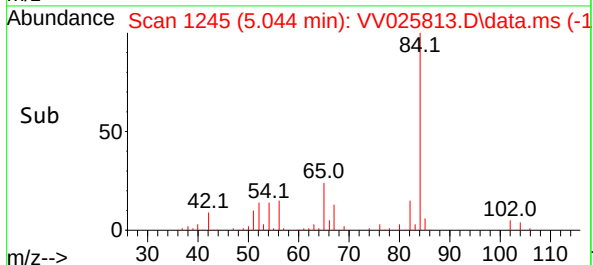
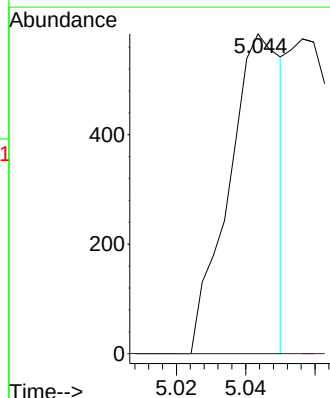
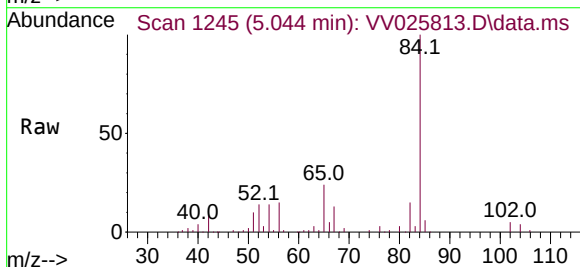
Acq: 03 May 2022 23:07

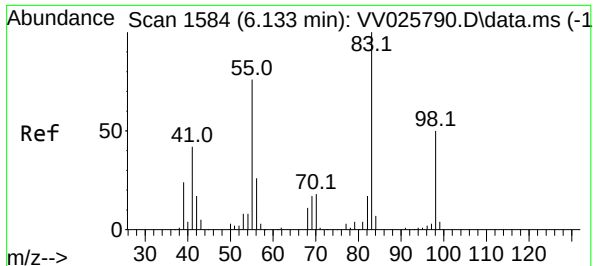
Tgt Ion: 62 Resp: 610

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV025813.D

Acq: 03 May 2022 23:07

Instrument :

MSVOA\_V

ClientSampleId :

EW6Z1

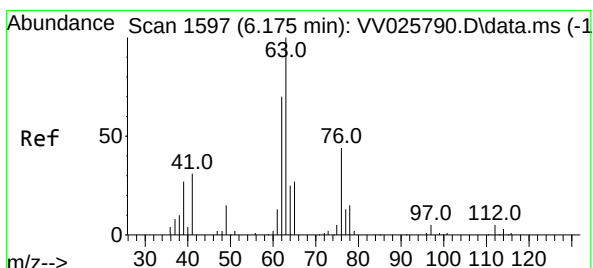
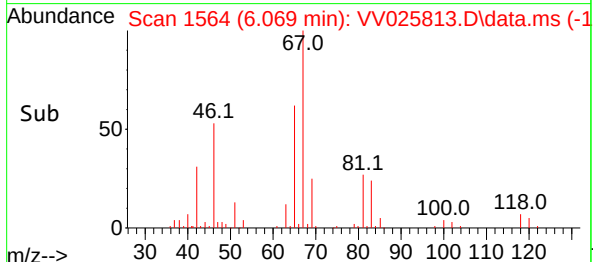
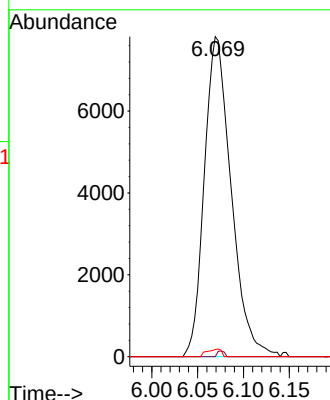
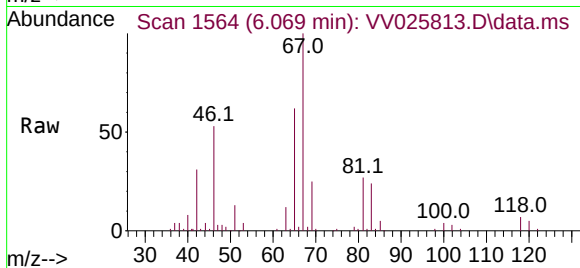
Tgt Ion: 83 Resp: 15918

Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 1.3 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV025813.D

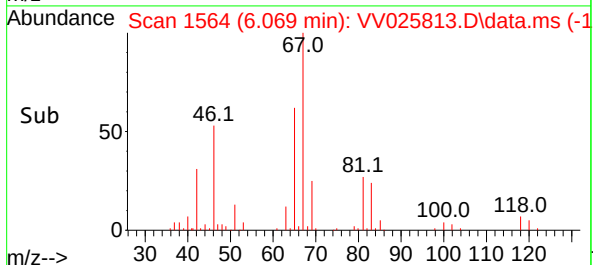
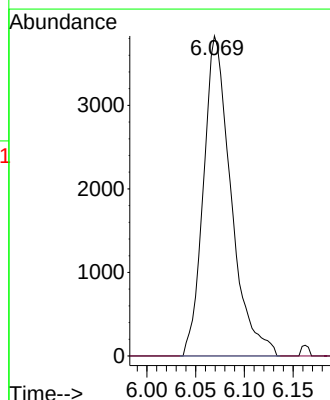
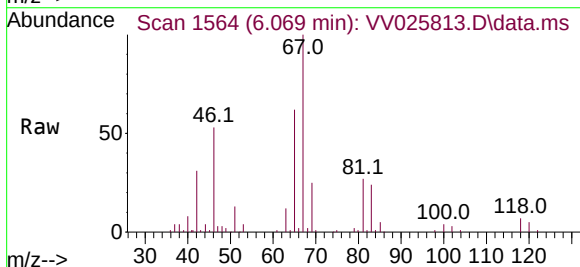
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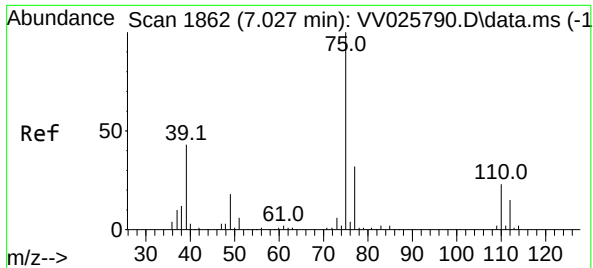
Tgt Ion: 63 Resp: 7536

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025813.D

Acq: 03 May 2022 23:07

Instrument :

MSVOA\_V

ClientSampleId :

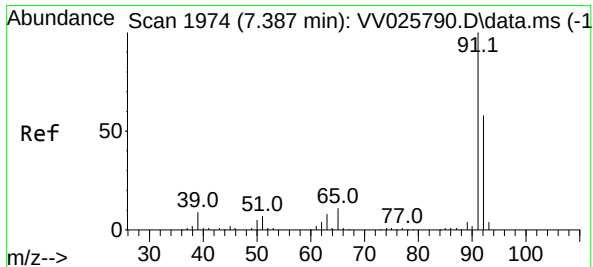
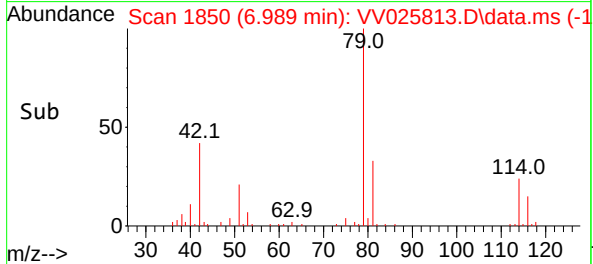
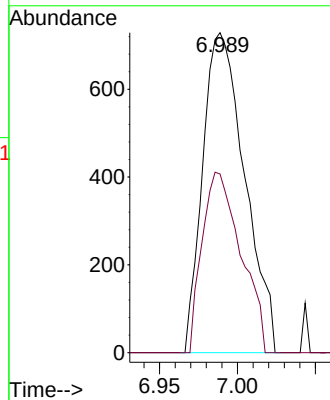
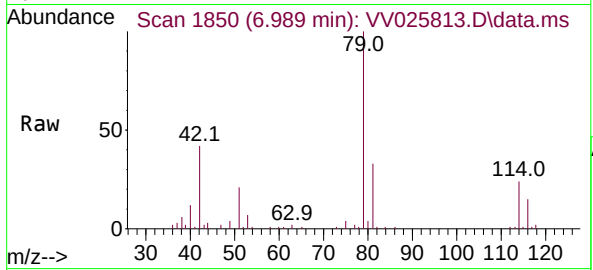
EW6Z1

Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

77 55.8 21.8 40.6#



#42

Toluene

Concen: 0.971 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV025813.D

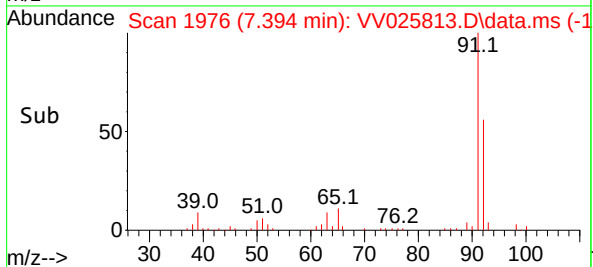
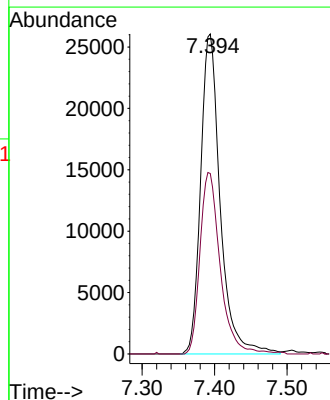
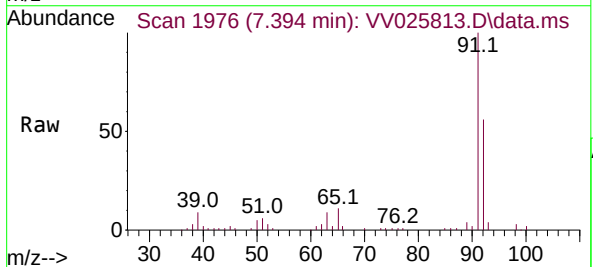
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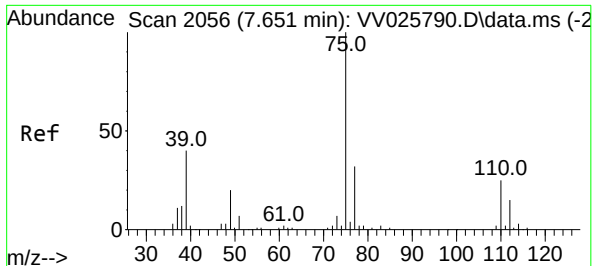
Tgt Ion: 91 Resp: 48825

Ion Ratio Lower Upper

91 100

92 56.4 40.8 75.8

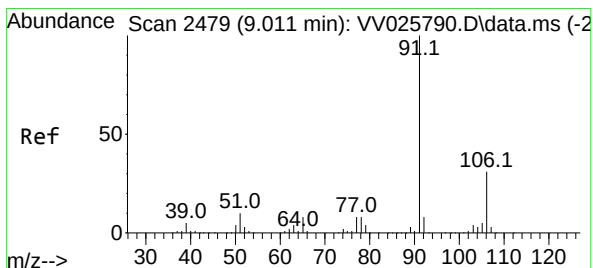
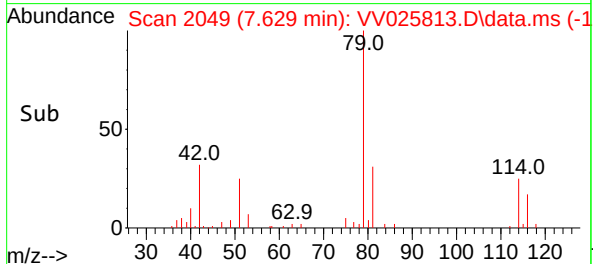
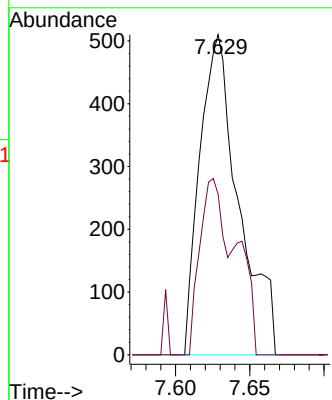
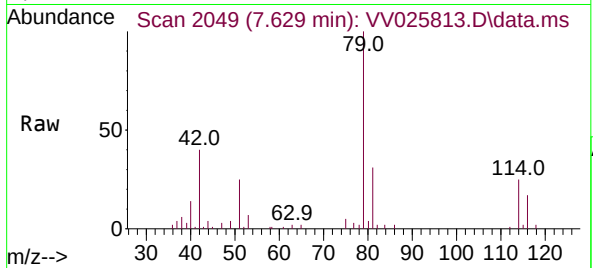




#44  
trans-1,3-Dichloropropene  
Concen: 0.083 ug/L  
RT: 7.629 min Scan# 2056  
Delta R.T. -0.022 min  
Lab File: VV025813.D  
Acq: 03 May 2022 23:07

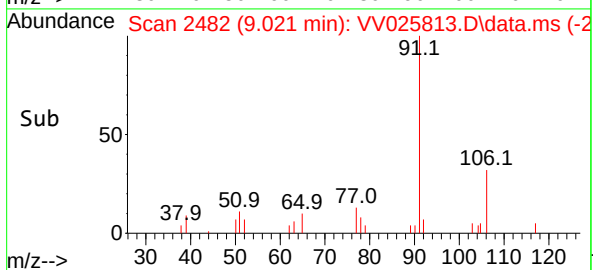
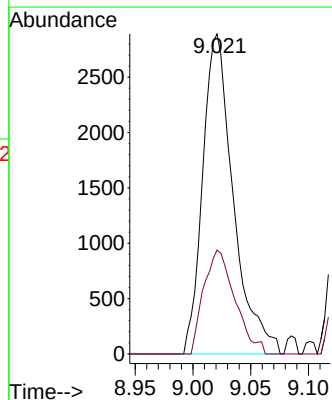
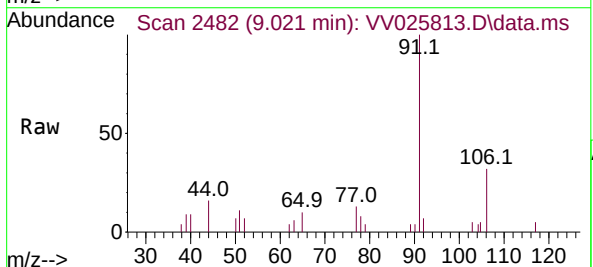
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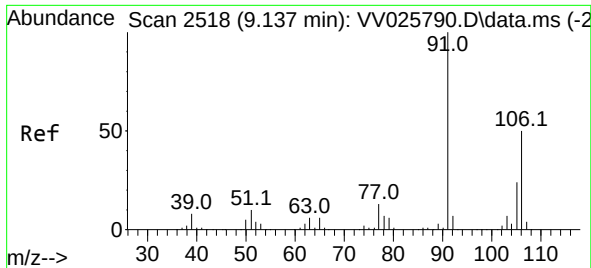
Tgt Ion: 75 Resp: 929  
Ion Ratio Lower Upper  
75 100  
77 50.2 21.7 40.3#



#52  
Ethylbenzene  
Concen: 0.102 ug/L  
RT: 9.021 min Scan# 2482  
Delta R.T. 0.010 min  
Lab File: VV025813.D  
Acq: 03 May 2022 23:07

Tgt Ion: 91 Resp: 5333  
Ion Ratio Lower Upper  
91 100  
106 32.5 22.3 41.3

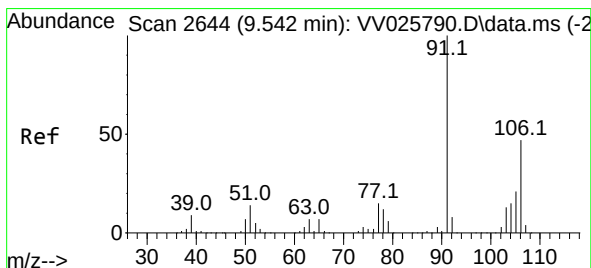
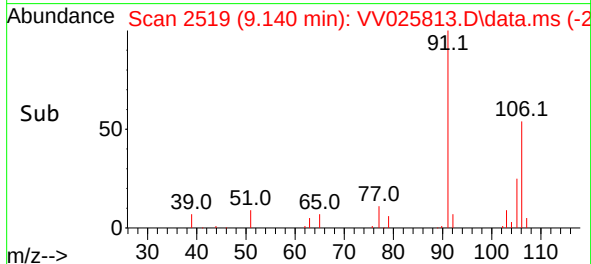
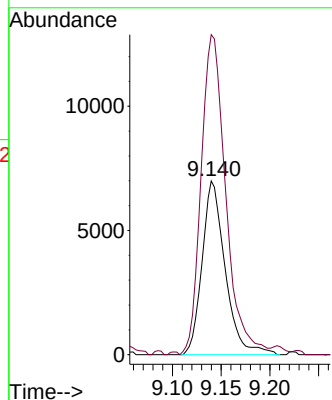
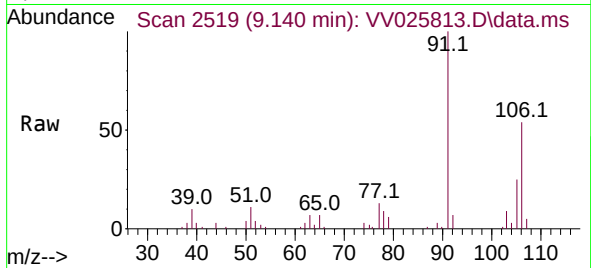




#53  
m,p-Xylene  
Concen: 0.563 ug/L  
RT: 9.140 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV025813.D  
Acq: 03 May 2022 23:07

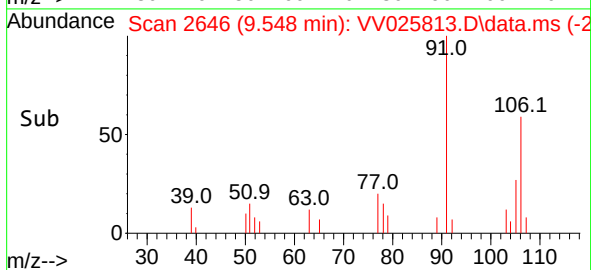
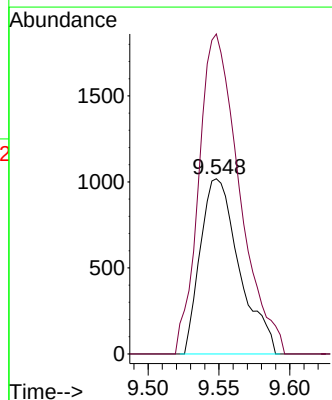
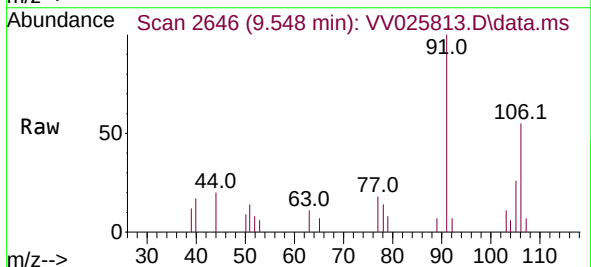
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Tgt Ion:106 Resp: 11526  
Ion Ratio Lower Upper  
106 100  
91 184.2 136.4 253.4

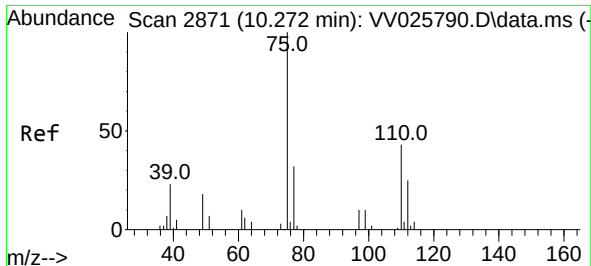


#54  
o-Xylene  
Concen: 0.100 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. 0.006 min  
Lab File: VV025813.D  
Acq: 03 May 2022 23:07

Tgt Ion:106 Resp: 1943  
Ion Ratio Lower Upper  
106 100  
91 182.7 150.4 279.2



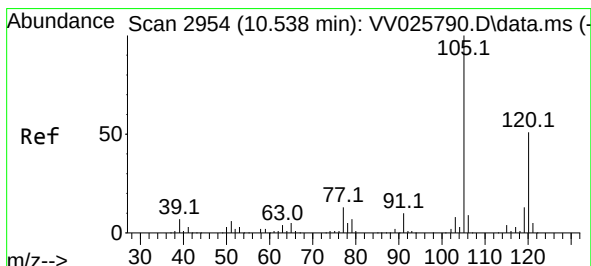
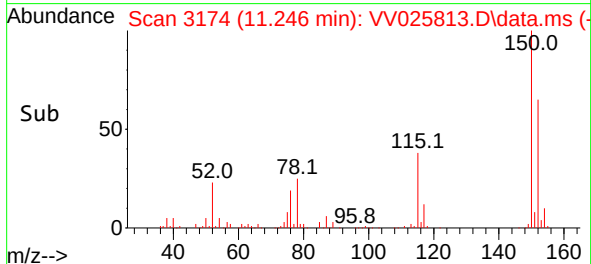
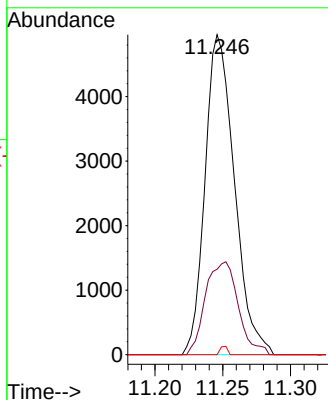
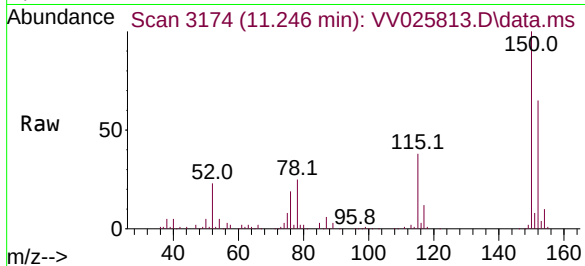




#61  
 1,2,3-Trichloropropane  
 Concen: 1.512 ug/L  
 RT: 11.246 min Scan# 3174  
 Delta R.T. 0.974 min  
 Lab File: VV025813.D  
 Acq: 03 May 2022 23:07

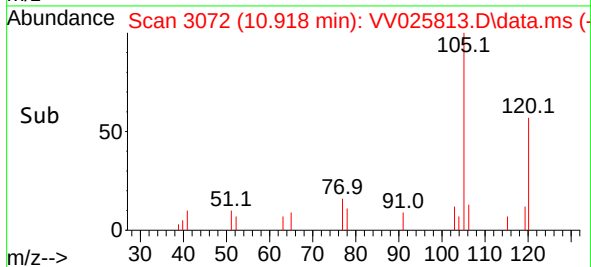
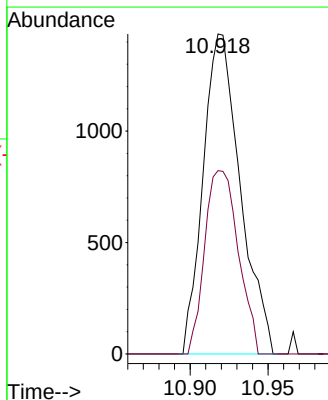
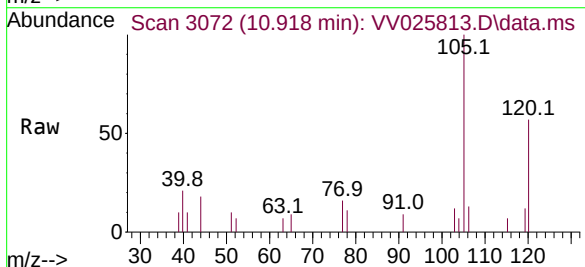
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6Z1

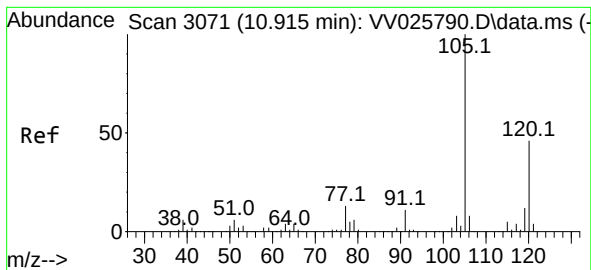
Tgt Ion: 75 Resp: 7461  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.6 38.4  
 110 0.6 34.7 52.1#



#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.133 ug/L  
 RT: 10.918 min Scan# 3072  
 Delta R.T. 0.379 min  
 Lab File: VV025813.D  
 Acq: 03 May 2022 23:07

Tgt Ion: 105 Resp: 2379  
 Ion Ratio Lower Upper  
 105 100  
 120 51.8 39.6 59.4





#63

1,2,4-Trimethylbenzene

Concen: 0.073 ug/L

RT: 10.918 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025813.D

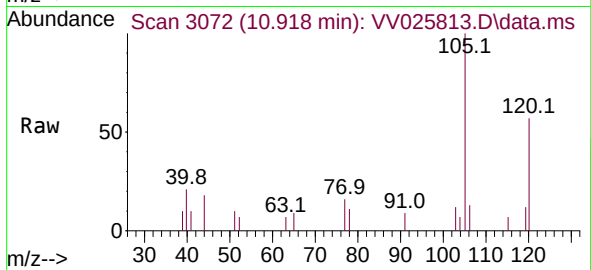
Acq: 03 May 2022 23:07

Instrument :

MSVOA\_V

ClientSampleId :

EW6Z1



Tgt Ion:105 Resp: 2379

Ion Ratio Lower Upper

105 100

120 51.8 36.6 55.0

