

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112621\  
 Data File : VX025348.D  
 Acq On : 26 Nov 2021 11:57  
 Operator : JC/MD  
 Sample : M4799-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 26 23:57:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 26 23:56:11 2021  
 Response via : Initial Calibration

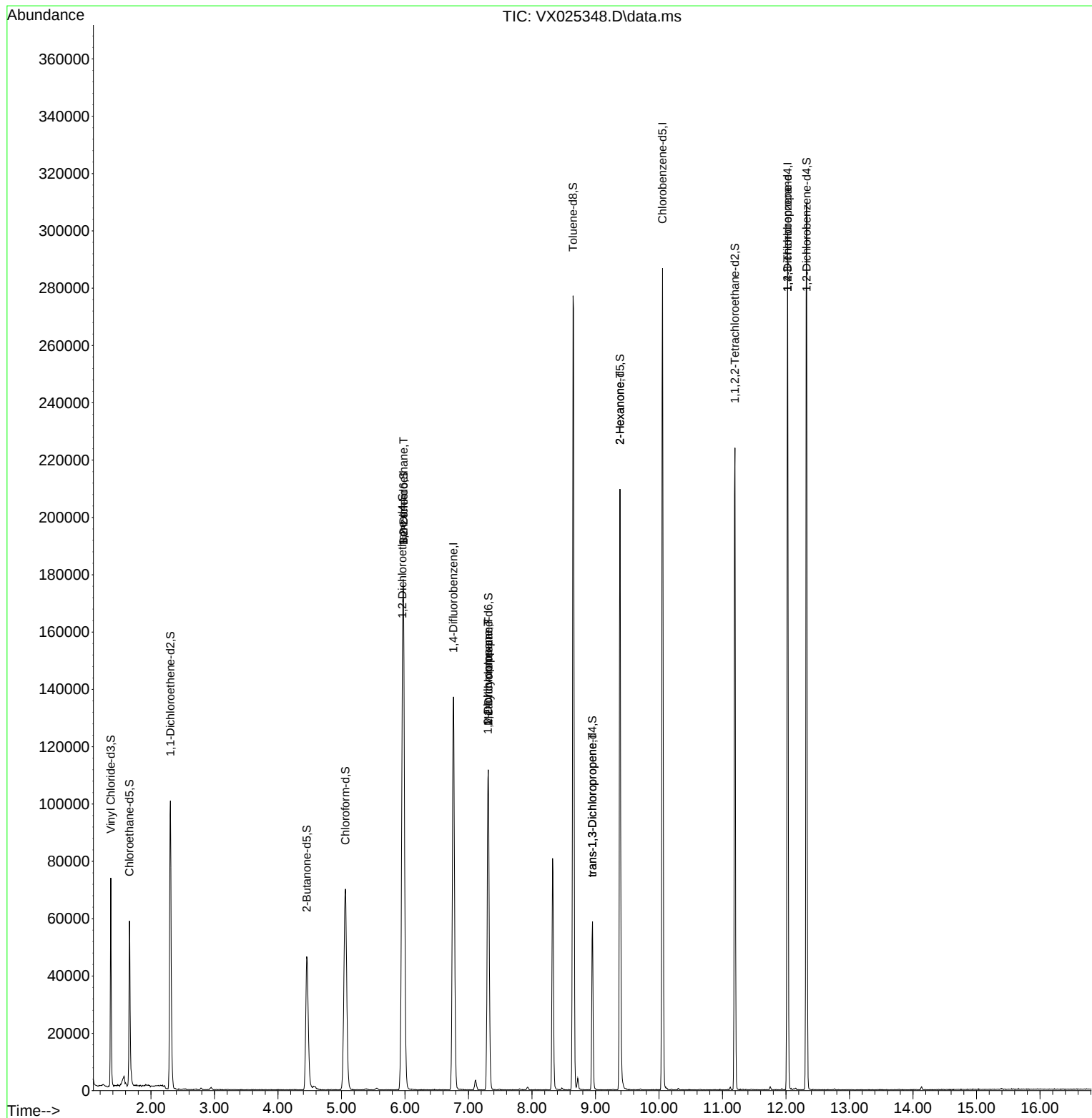
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 147763   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 135568   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 64020    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 43253    | 42.892   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 85.780%  |
| 7) Chloroethane-d5            | 1.660   | 69    | 38934    | 46.780   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.560%  |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 56771    | 35.308   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.620%  |
| 21) 2-Butanone-d5             | 4.453   | 46    | 81217    | 108.194  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 108.190% |
| 24) Chloroform-d              | 5.062   | 84    | 90104    | 51.125   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.260% |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 58521    | 53.272   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.540% |
| 32) Benzene-d6                | 5.977   | 84    | 181541   | 50.527   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.060% |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 56964    | 51.207   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 102.420% |
| 41) Toluene-d8                | 8.647   | 98    | 166288   | 49.033   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.060%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 27554    | 49.266   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 98.540%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 60836    | 105.059  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 105.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 83258    | 52.957   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 105.920% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 66700    | 53.120   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 106.240% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 27) 1,2-Dichloroethane        | 5.977   | 62    | 1032     | 0.852    | ug/L # | 73       |
| 35) Methylcyclohexane         | 7.312   | 83    | 14164    | 9.447    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 7.306   | 63    | 6344     | 6.984    | ug/L # | 85       |
| 44) trans-1,3-Dichloropropene | 8.952   | 75    | 1252     | 0.880    | ug/L   | 100      |
| 48) 2-Hexanone                | 9.385   | 43    | 6927     | 5.946    | ug/L # | 67       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75    | 7068     | 6.454    | ug/L # | 64       |
| -----                         |         |       |          |          |        |          |

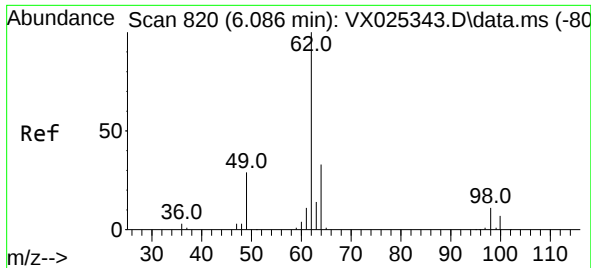
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
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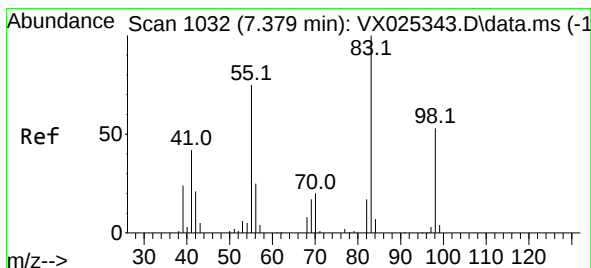
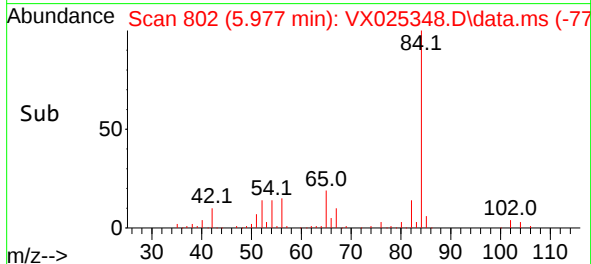
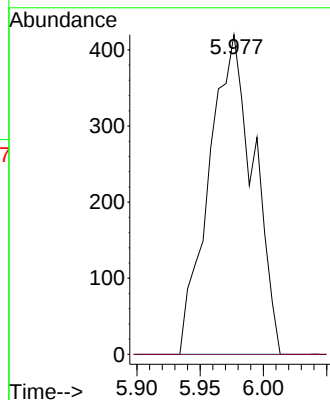
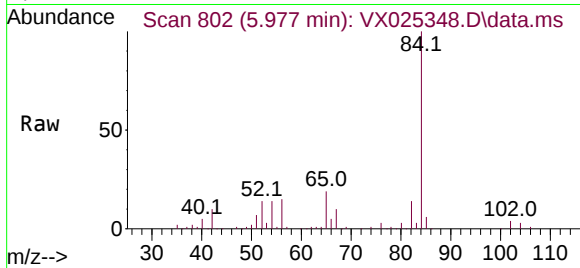




#27  
1,2-Dichloroethane  
Concen: 0.852 ug/L  
RT: 5.977 min Scan# 80  
Delta R.T. -0.110 min  
Lab File: VX025348.D  
Acq: 26 Nov 2021 11:57

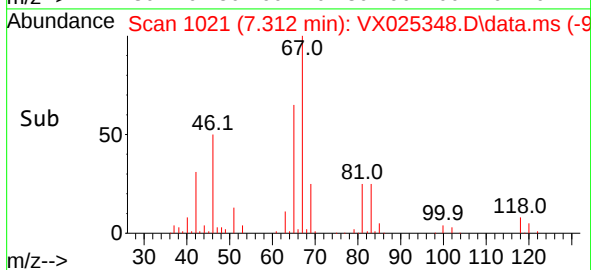
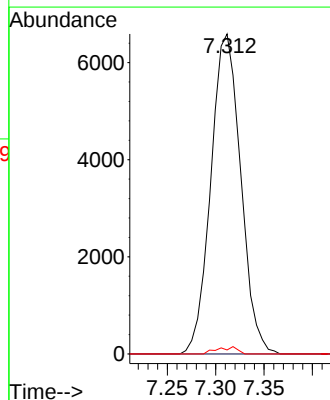
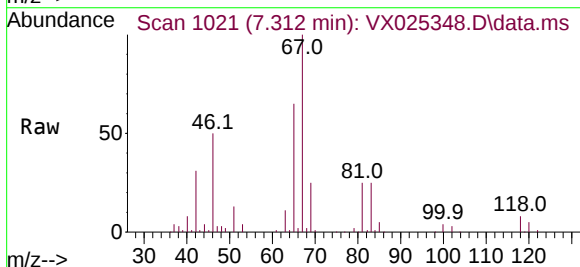
Instrument :  
MSVOA\_X  
ClientSampleId :

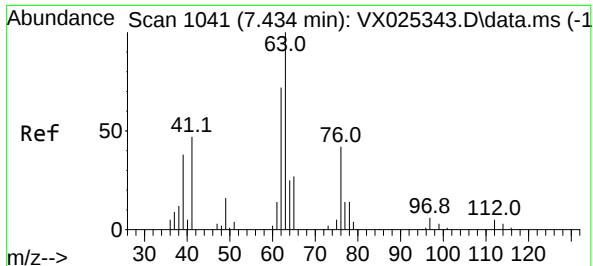
Tgt Ion: 62 Resp: 1032  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.2 12.2#



#35  
Methylcyclohexane  
Concen: 9.447 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.067 min  
Lab File: VX025348.D  
Acq: 26 Nov 2021 11:57

Tgt Ion: 83 Resp: 14164  
Ion Ratio Lower Upper  
83 100  
55 0.0 57.3 85.9#  
98 1.5 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 6.984 ug/L

RT: 7.306 min Scan# 11

Delta R.T. -0.128 min

Lab File: VX025348.D

Acq: 26 Nov 2021 11:57

Instrument :

MSVOA\_X

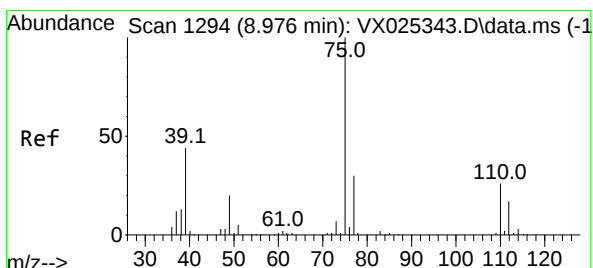
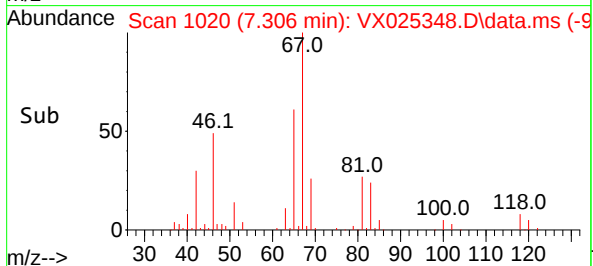
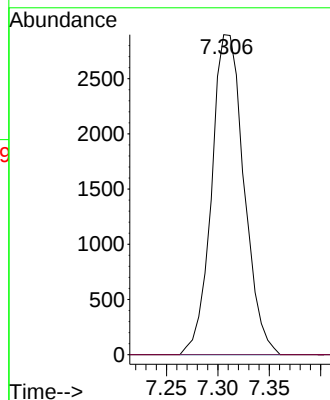
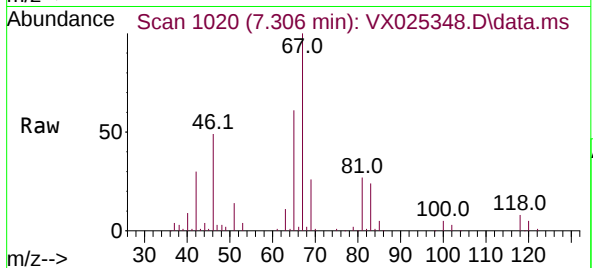
ClientSampleId :

Tgt Ion: 63 Resp: 6344

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025348.D

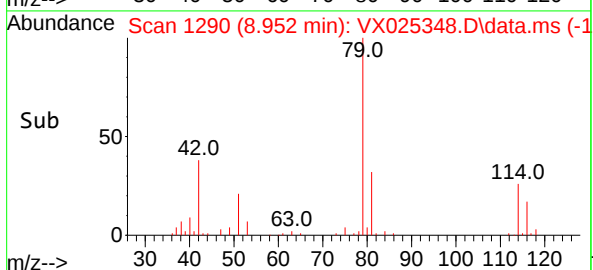
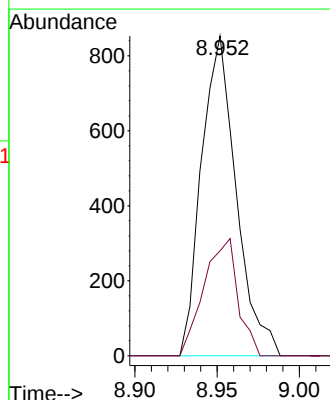
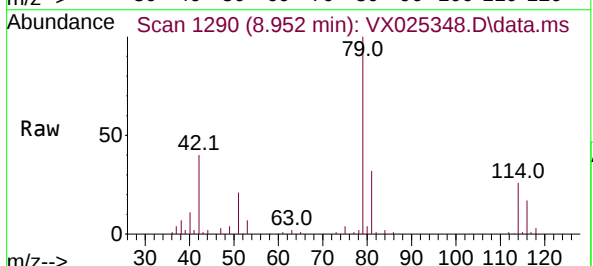
Acq: 26 Nov 2021 11:57

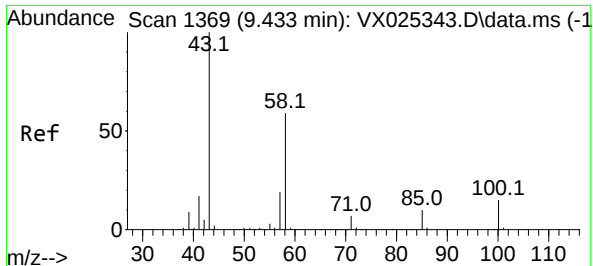
Tgt Ion: 75 Resp: 1252

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.8





#48

2-Hexanone

Concen: 5.946 ug/L

RT: 9.385 min Scan# 1

Delta R.T. -0.049 min

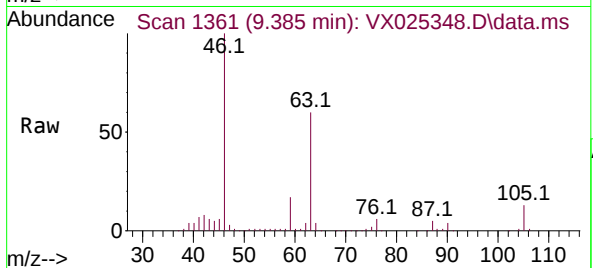
Lab File: VX025348.D

Acq: 26 Nov 2021 11:57

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 43 Resp: 6927

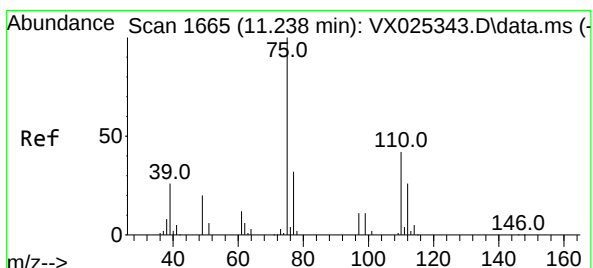
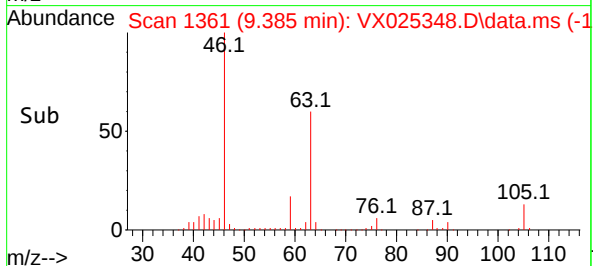
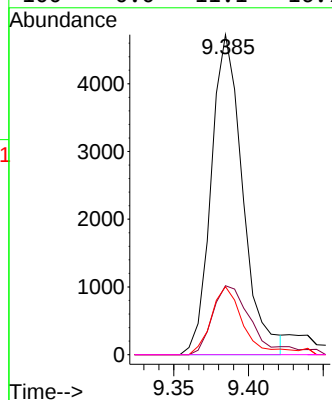
Ion Ratio Lower Upper

43 100

58 24.6 44.2 66.4#

57 21.6 15.1 22.7

100 0.0 11.1 16.7#



#61

1,2,3-Trichloropropane

Concen: 6.454 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.787 min

Lab File: VX025348.D

Acq: 26 Nov 2021 11:57

Tgt Ion: 75 Resp: 7068

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

110 2.8 34.7 52.1#

