

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110221\  
 Data File : VX025041.D  
 Acq On : 02 Nov 2021 10:40  
 Operator : JC/MD  
 Sample : VX1102WBL01  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 03 00:54:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 03 00:53:58 2021  
 Response via : Initial Calibration

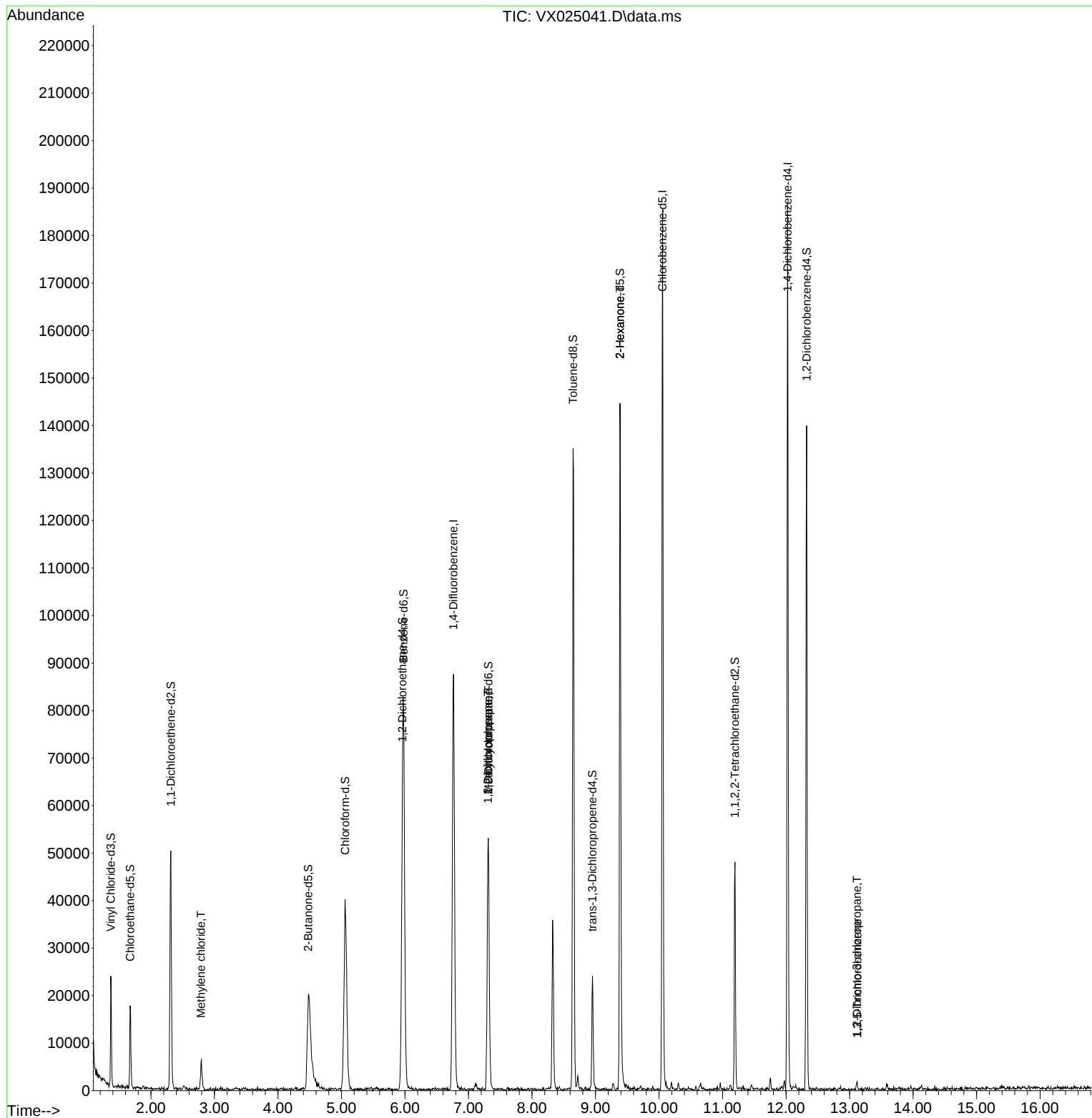
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114            | 82883    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117            | 76592    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152            | 34991    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65             | 14759    | 6.065  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 121.400% |          |
| 7) Chloroethane-d5            | 1.672  | 69             | 11815    | 5.389  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 107.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.313  | 63             | 30358    | 3.347  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 67.000%  |          |
| 20) 2-Butanone-d5             | 4.477  | 46             | 52218    | 58.696 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 117.400% |          |
| 24) Chloroform-d              | 5.056  | 84             | 50118    | 4.278  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.958  | 65             | 27466    | 4.290  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.800%  |          |
| 32) Benzene-d6                | 5.977  | 84             | 81619    | 4.573  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.312  | 67             | 27126    | 4.764  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 95.200%  |          |
| 41) Toluene-d8                | 8.647  | 98             | 79536    | 4.445  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79             | 12957    | 4.958  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 99.200%  |          |
| 46) 2-Hexanone-d5             | 9.384  | 63             | 43752    | 46.519 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.040%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84             | 19097    | 4.388  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152            | 26954    | 4.571  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 91.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 16) Methylene chloride        | 2.788  | 84             | 2472     | 0.418  | ug/L     | 83       |
| 35) Methylcyclohexane         | 7.312  | 83             | 7234     | 0.710  | ug/L #   | 22       |
| 37) 1,2-Dichloropropane       | 7.306  | 63             | 3458     | 0.632  | ug/L #   | 87       |
| 48) 2-Hexanone                | 9.384  | 43             | 6284     | 3.532  | ug/L #   | 59       |
| 68) 1,2-Dibromo-3-chloropr... | 13.116 | 75             | 122      | 0.147  | ug/L #   | 6        |
| 69) 1,3,5-Trichlorobenzene    | 13.122 | 180            | 486      | 0.055  | ug/L #   | 77       |

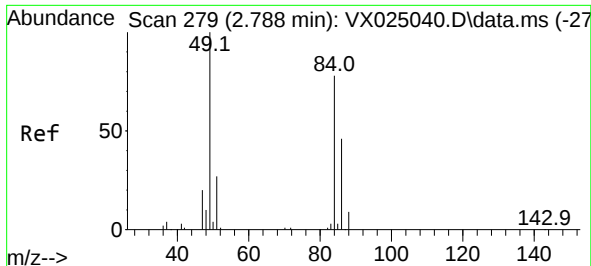
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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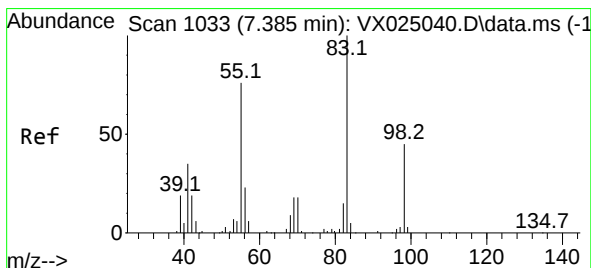
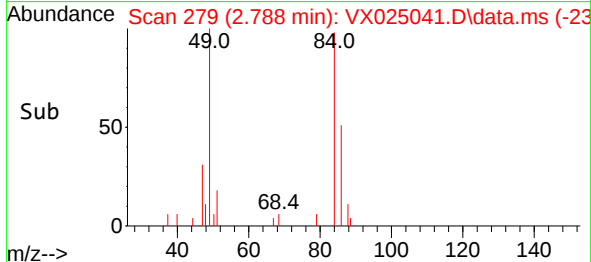
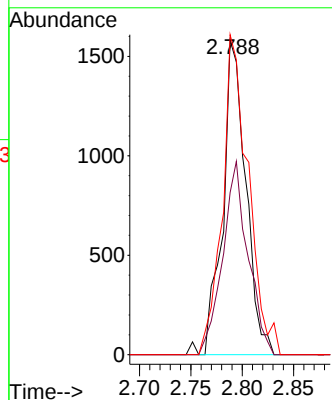
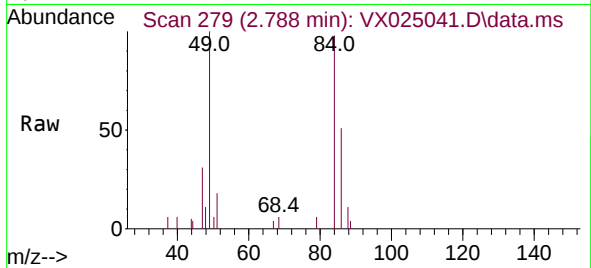




#16  
Methylene chloride  
Concen: 0.418 ug/L  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX025041.D  
Acq: 02 Nov 2021 10:40

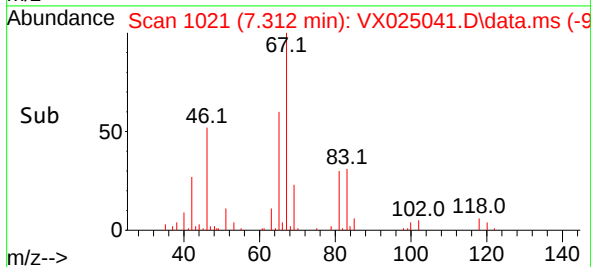
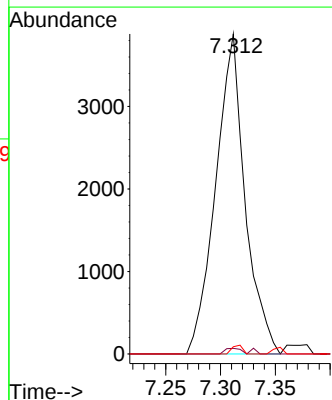
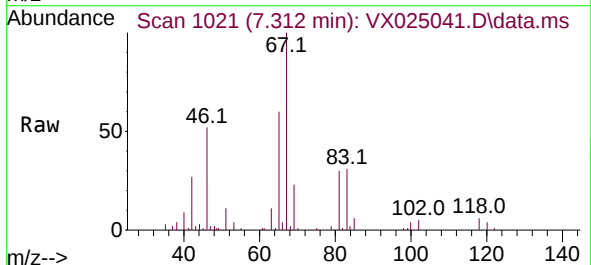
Instrument :  
MSVOA\_X  
ClientSampleId :

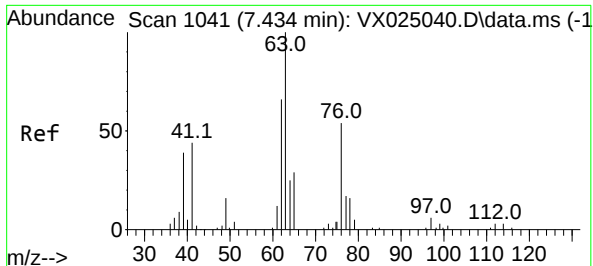
Tgt Ion: 84 Resp: 2472  
Ion Ratio Lower Upper  
84 100  
86 51.5 49.5 91.9  
49 101.8 62.7 116.5



#35  
Methylcyclohexane  
Concen: 0.710 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.073 min  
Lab File: VX025041.D  
Acq: 02 Nov 2021 10:40

Tgt Ion: 83 Resp: 7234  
Ion Ratio Lower Upper  
83 100  
55 1.0 55.7 83.5#  
98 1.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 7.306 min Scan# 1

Delta R.T. -0.128 min

Lab File: VX025041.D

Acq: 02 Nov 2021 10:40

Instrument :

MSVOA\_X

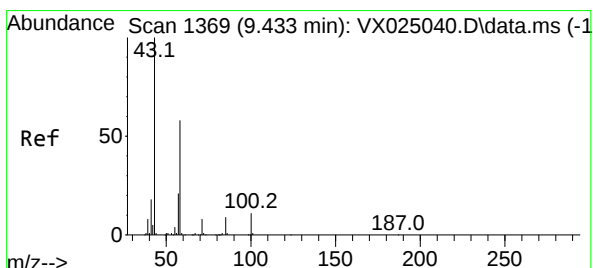
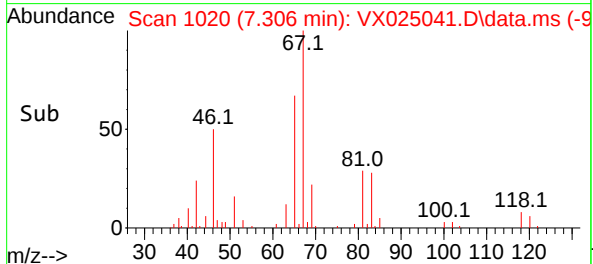
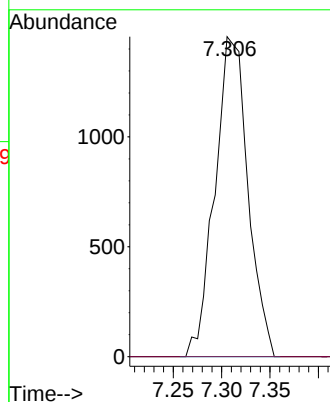
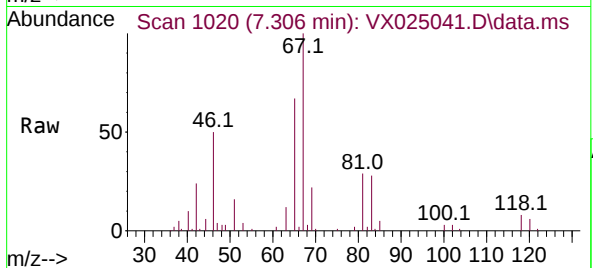
ClientSampleId :

Tgt Ion: 63 Resp: 3458

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#48

2-Hexanone

Concen: 3.532 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.049 min

Lab File: VX025041.D

Acq: 02 Nov 2021 10:40

Tgt Ion: 43 Resp: 6284

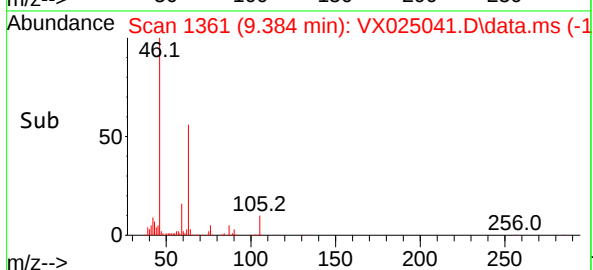
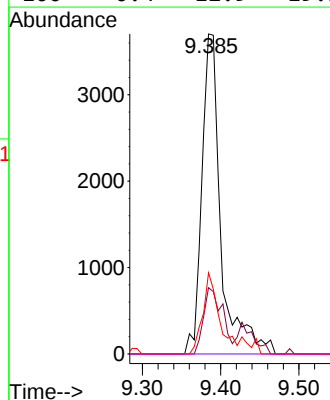
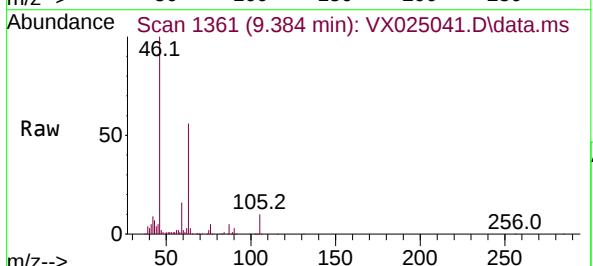
Ion Ratio Lower Upper

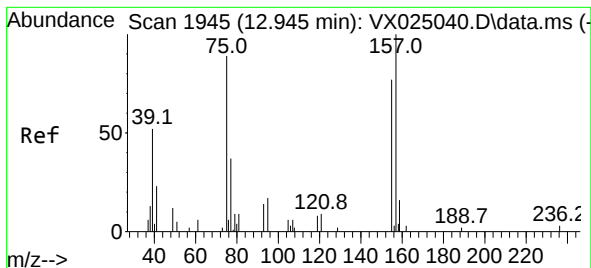
43 100

58 20.5 52.7 79.1#

57 25.1 21.2 31.8

100 0.4 12.9 19.3#

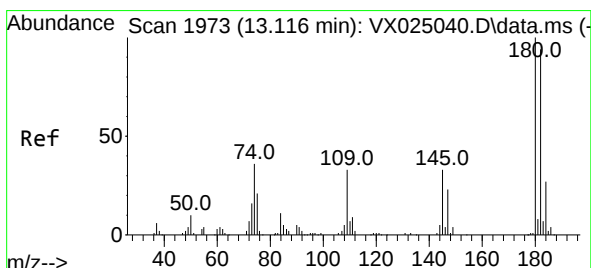
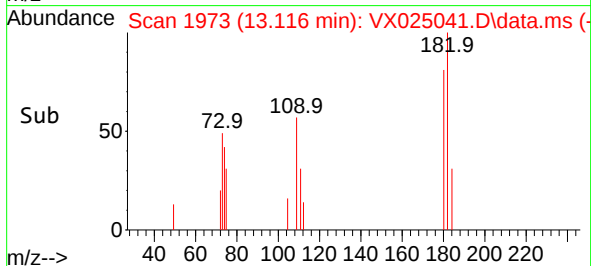
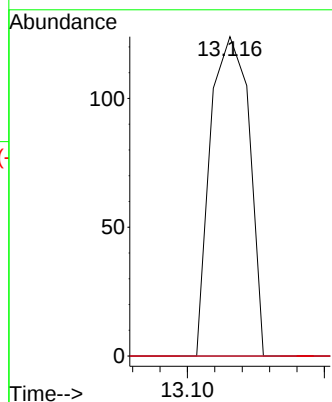
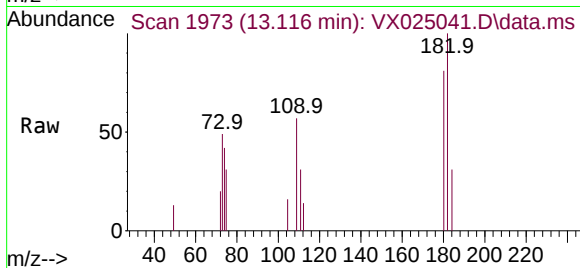




#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.147 ug/L  
 RT: 13.116 min Scan# 1945  
 Delta R.T. 0.171 min  
 Lab File: VX025041.D  
 Acq: 02 Nov 2021 10:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 75 Resp: 122  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 53.6 80.4#  
 157 0.0 82.2 123.4#



#69  
 1,3,5-Trichlorobenzene  
 Concen: 0.055 ug/L  
 RT: 13.122 min Scan# 1974  
 Delta R.T. 0.006 min  
 Lab File: VX025041.D  
 Acq: 02 Nov 2021 10:40

Tgt Ion: 180 Resp: 486  
 Ion Ratio Lower Upper  
 180 100  
 182 109.7 74.6 111.8  
 184 26.5 24.0 36.0  
 145 4.5 28.7 43.1#

