

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121623\  
 Data File : VX039268.D  
 Acq On : 16 Dec 2023 06:34  
 Operator : JC/MD  
 Sample : 05845-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCHH8

Quant Time: Dec 16 20:16:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 12 03:50:51 2023  
 Response via : Initial Calibration

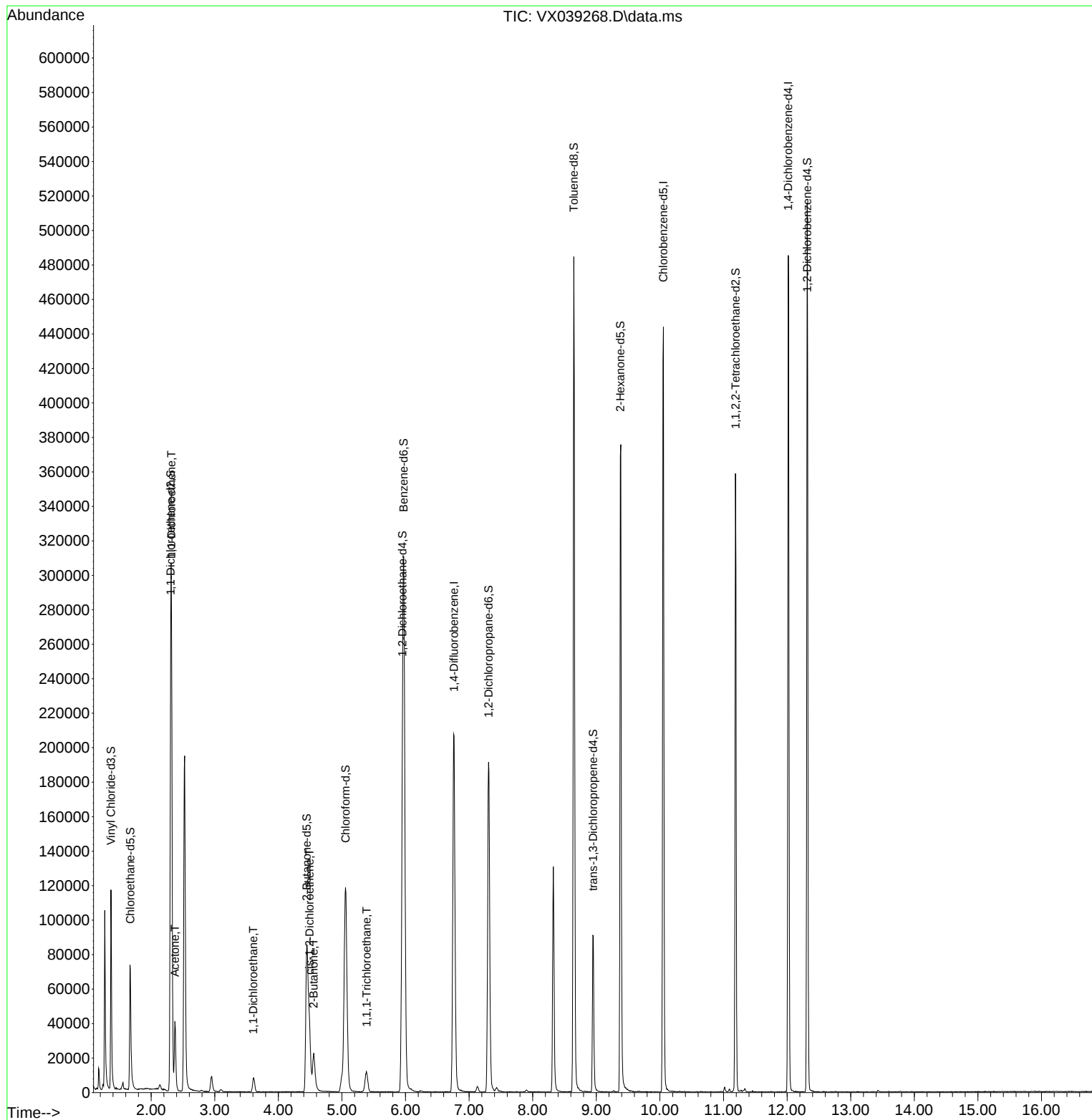
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 204477   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 189589   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152   | 91756    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 76528    | 47.716   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 95.440%  |
| 7) Chloroethane-d5            | 1.672   | 69    | 56388    | 47.567   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 95.140%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65    | 37925    | 53.870   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 107.740% |
| 21) 2-Butanone-d5             | 4.446   | 46    | 146788   | 101.110  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 101.110% |
| 24) Chloroform-d              | 5.056   | 84    | 147325   | 51.891   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.780% |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 102978   | 56.006   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 112.020% |
| 32) Benzene-d6                | 5.970   | 84    | 302974   | 51.781   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.560% |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 97505    | 51.782   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 103.560% |
| 41) Toluene-d8                | 8.647   | 98    | 271339   | 51.172   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.340% |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 43852    | 45.763   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 91.520%  |
| 47) 2-Hexanone-d5             | 9.378   | 63    | 106803   | 94.965   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.970%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 135280   | 50.644   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 101.280% |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 90491    | 52.176   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.360% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 51380    | 39.005   | ug/L   | # 80     |
| 13) Acetone                   | 2.373   | 43    | 40995    | 29.394   | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.605   | 63    | 9635     | 3.511    | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 15838    | 9.838    | ug/L   | 93       |
| 22) 2-Butanone                | 4.556   | 43    | 37604    | 21.970   | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 5.385   | 97    | 10744    | 4.671    | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

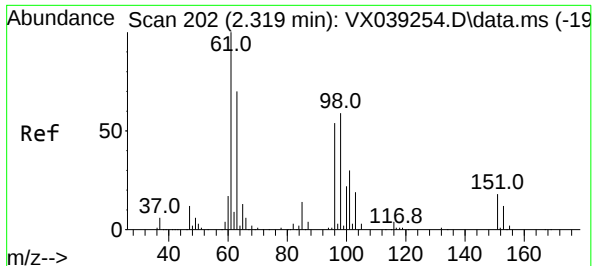
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Dec 12 03:50:51 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 39.005 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX039268.D

Acq: 16 Dec 2023 06:34

Instrument :

MSVOA\_X

ClientSampleId :

YCHH8

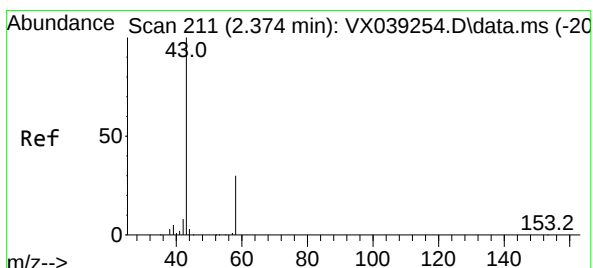
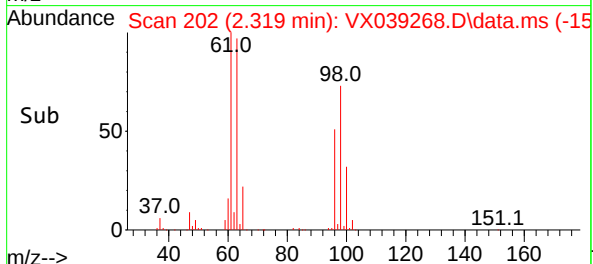
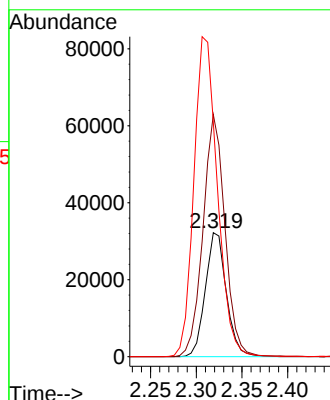
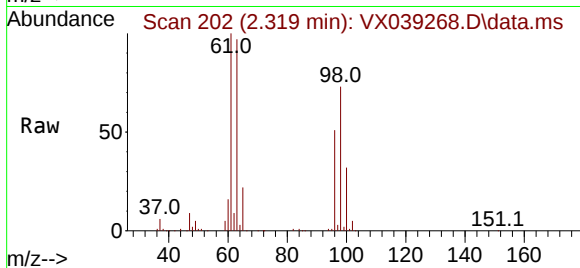
Tgt Ion: 96 Resp: 51380

Ion Ratio Lower Upper

96 100

61 195.2 128.0 237.6

63 188.9 101.5 188.5#



#13

Acetone

Concen: 29.394 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039268.D

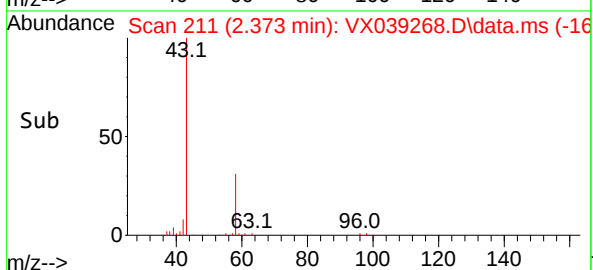
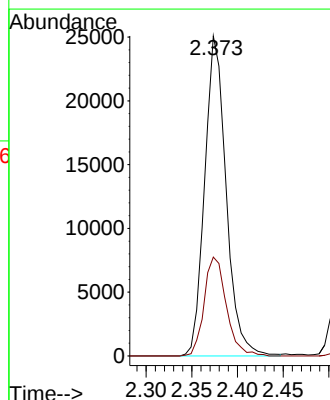
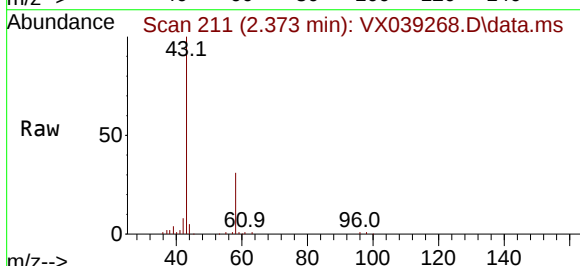
Acq: 16 Dec 2023 06:34

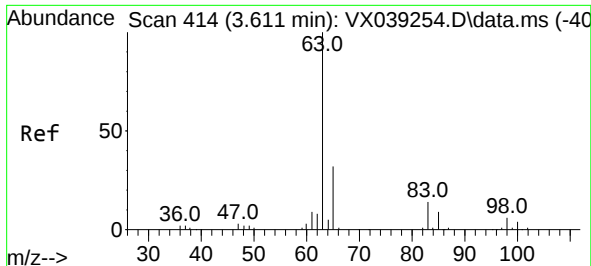
Tgt Ion: 43 Resp: 40995

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.8





#19

1,1-Dichloroethane

Concen: 3.511 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039268.D

Acq: 16 Dec 2023 06:34

Instrument :

MSVOA\_X

ClientSampleId :

YCHH8

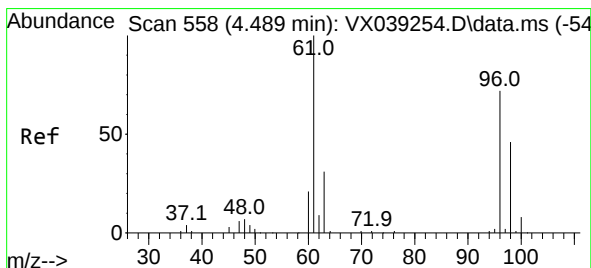
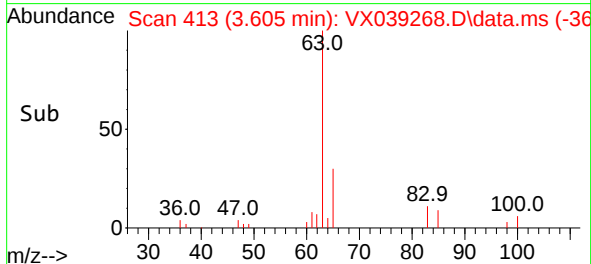
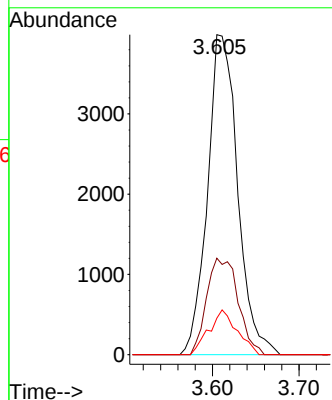
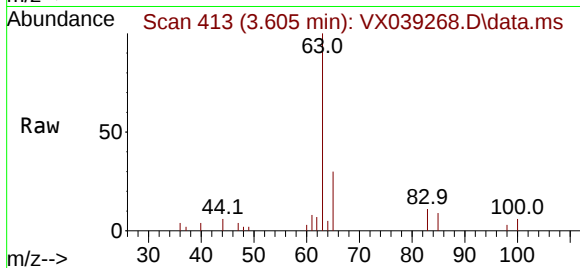
Tgt Ion: 63 Resp: 9635

Ion Ratio Lower Upper

63 100

65 30.1 21.1 39.3

83 11.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 9.838 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039268.D

Acq: 16 Dec 2023 06:34

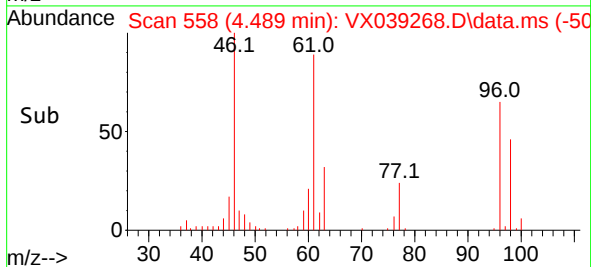
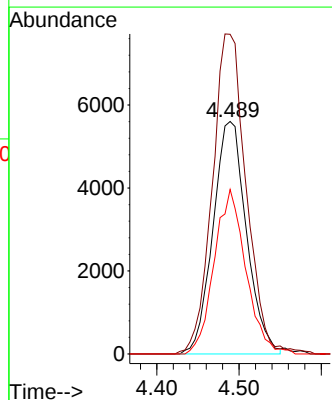
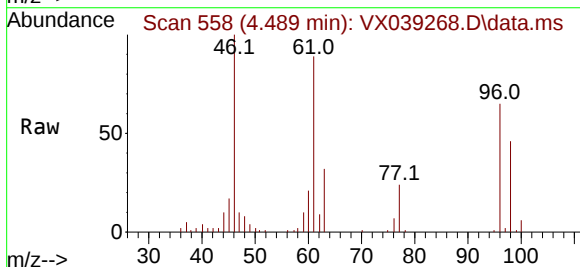
Tgt Ion: 96 Resp: 15838

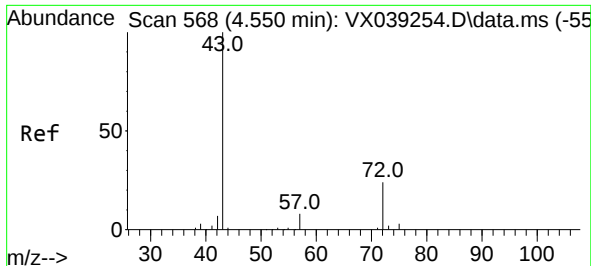
Ion Ratio Lower Upper

96 100

61 137.6 91.7 170.3

98 70.8 44.2 82.2





#22

2-Butanone

Concen: 21.970 ug/L

RT: 4.556 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX039268.D

Acq: 16 Dec 2023 06:34

Instrument :

MSVOA\_X

ClientSampleId :

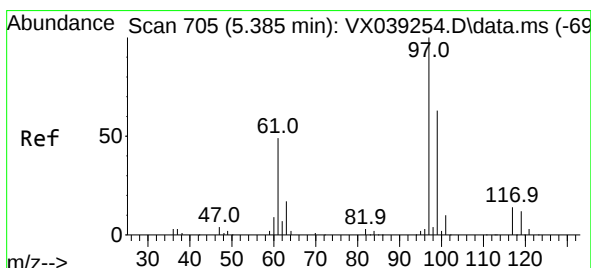
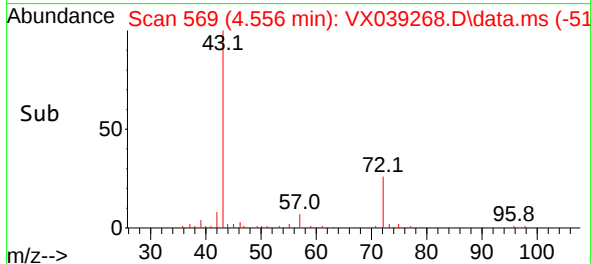
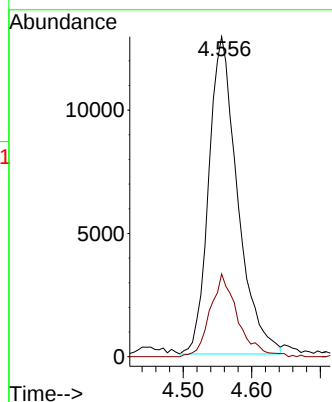
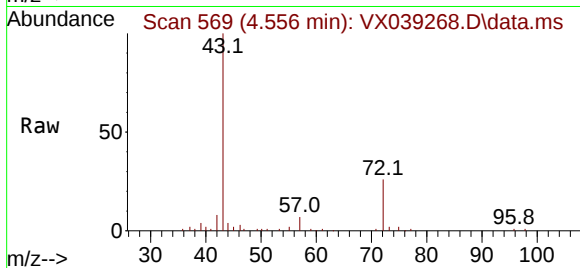
YCHH8

Tgt Ion: 43 Resp: 37604

Ion Ratio Lower Upper

43 100

72 24.8 12.6 37.6



#30

1,1,1-Trichloroethane

Concen: 4.671 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039268.D

Acq: 16 Dec 2023 06:34

Tgt Ion: 97 Resp: 10744

Ion Ratio Lower Upper

97 100

99 68.9 51.0 76.4

61 48.0 36.7 55.1

