

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030922\  
 Data File : VU047435.D  
 Acq On : 10 Mar 2022 04:55  
 Operator : SY/MD  
 Sample : N1857-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNH3

Quant Time: Mar 10 06:33:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Mar 10 03:57:44 2022  
 Response via : Initial Calibration

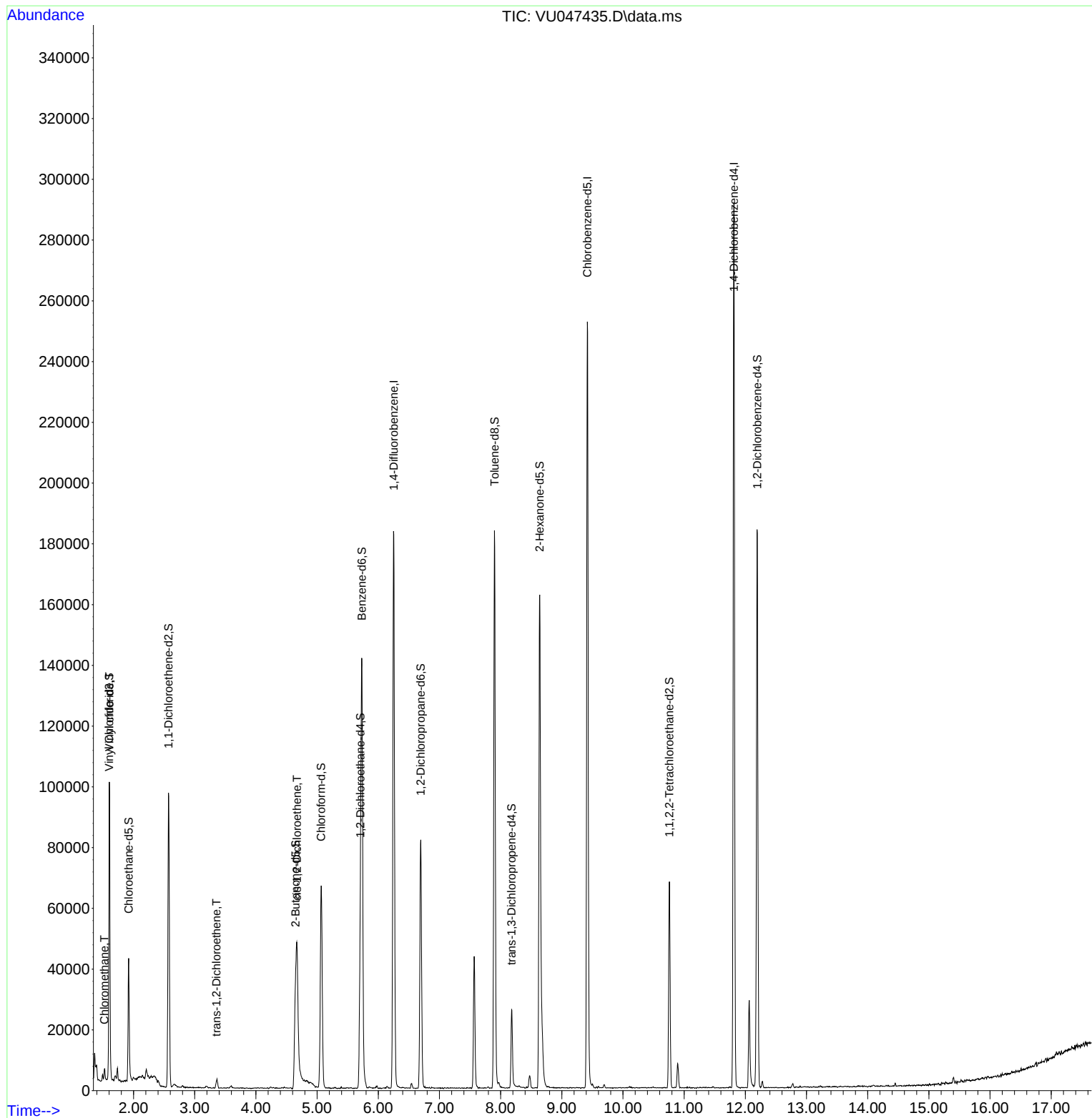
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 160138   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 150583   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.813 | 152            | 81785    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 40327    | 4.643  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 92.800% |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 30067    | 4.716  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 94.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 17353    | 4.524  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 90.400% |          |
| 20) 2-Butanone-d5             | 4.649  | 46             | 65752    | 42.522 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 85.040% |          |
| 24) Chloroform-d              | 5.067  | 84             | 63056    | 4.557  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.200% |          |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65             | 33894    | 4.837  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.800% |          |
| 32) Benzene-d6                | 5.732  | 84             | 137056   | 4.839  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.800% |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 40200    | 4.797  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.000% |          |
| 41) Toluene-d8                | 7.900  | 98             | 129370   | 4.647  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.000% |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 15674    | 4.406  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.200% |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 70623    | 45.063 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 90.120% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 33169    | 4.542  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 90.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 51057    | 4.924  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.400% |          |
| Target Compounds              |        |                |          |        |         |          |
| 3) Chloromethane              | 1.524  | 50             | 2748     | 0.230  | ug/L    | 95       |
| 5) Vinyl chloride             | 1.607  | 62             | 32550    | 2.764  | ug/L    | 99       |
| 18) trans-1,2-Dichloroethene  | 3.356  | 96             | 1367     | 0.136  | ug/L    | 86       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96             | 16073    | 1.441  | ug/L    | 97       |

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

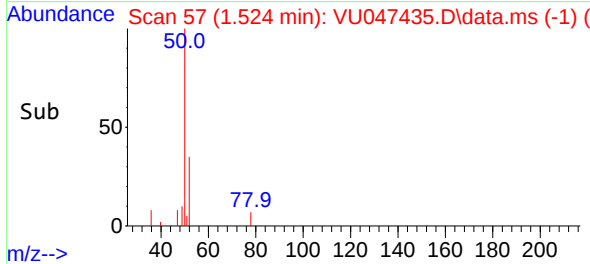
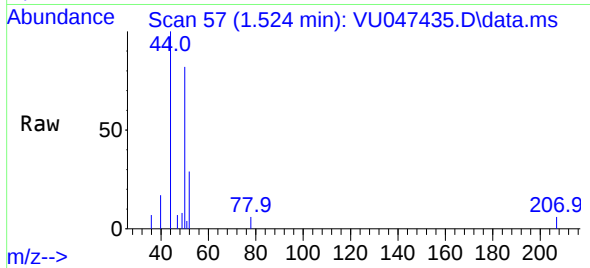
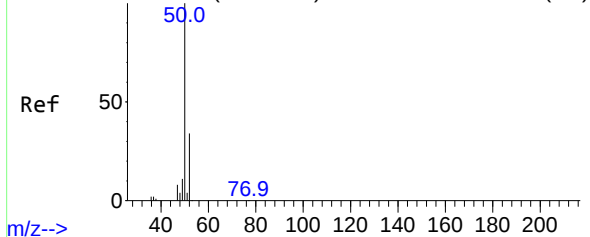
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QLast Update : Thu Mar 10 03:57:44 2022  
Response via : Initial Calibration



Abundance Scan 58 (1.527 min): VU047429.D\data.ms (-48)



#3

Chloromethane

Concen: 0.230 ug/L

RT: 1.524 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU047435.D

Acq: 10 Mar 2022 04:55

Instrument :

MSVOA\_U

ClientSampleId :

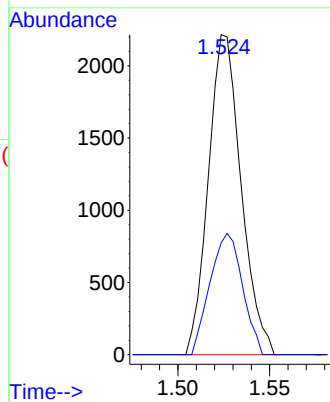
ETNH3

Tgt Ion: 50 Resp: 2748

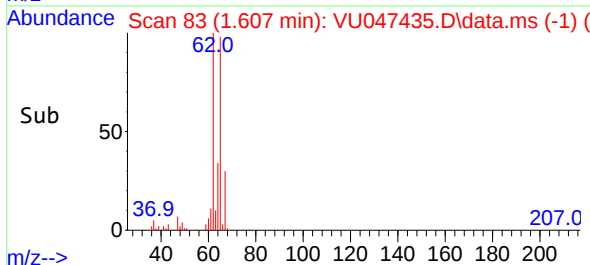
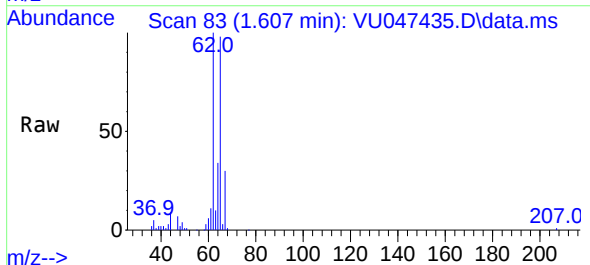
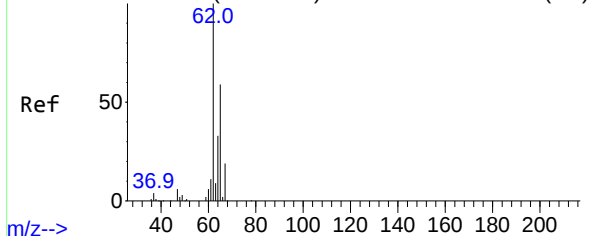
Ion Ratio Lower Upper

50 100

52 35.0 22.5 41.9



Abundance Scan 83 (1.607 min): VU047429.D\data.ms (-74)



#5

Vinyl chloride

Concen: 2.764 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU047435.D

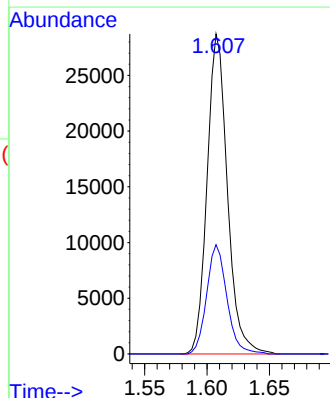
Acq: 10 Mar 2022 04:55

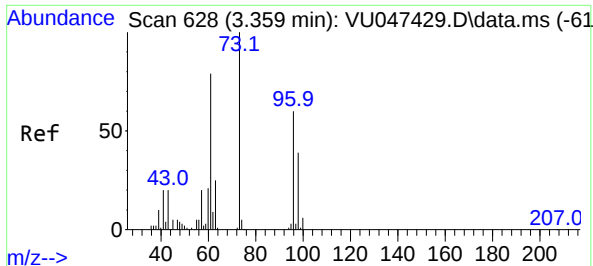
Tgt Ion: 62 Resp: 32550

Ion Ratio Lower Upper

62 100

64 34.2 23.7 43.9

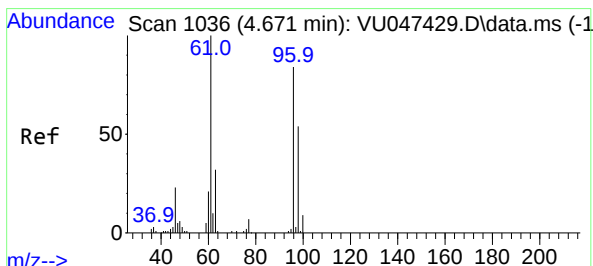
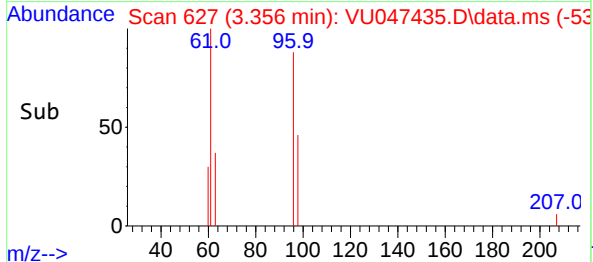
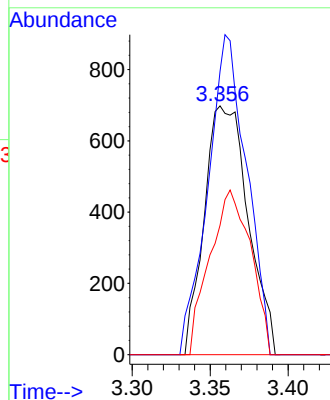
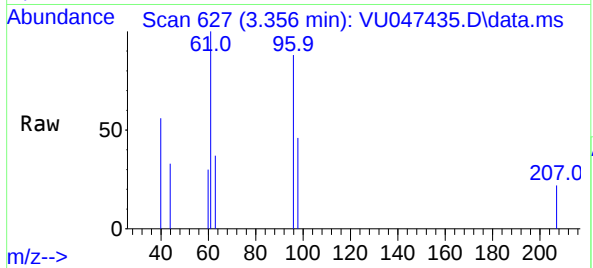




#18  
trans-1,2-Dichloroethene  
Concen: 0.136 ug/L  
RT: 3.356 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU047435.D  
Acq: 10 Mar 2022 04:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETNH3

Tgt Ion: 96 Resp: 1367  
Ion Ratio Lower Upper  
96 100  
61 113.9 90.4 167.8  
98 52.0 45.0 83.6



#22  
cis-1,2-Dichloroethene  
Concen: 1.441 ug/L  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU047435.D  
Acq: 10 Mar 2022 04:55

Tgt Ion: 96 Resp: 16073  
Ion Ratio Lower Upper  
96 100  
61 117.1 80.8 150.0  
98 67.2 44.7 83.1

