

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100822\  
 Data File : VV028487.D  
 Acq On : 09 Oct 2022 16:25  
 Operator : SY/MD  
 Sample : N4923-07  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Oct 10 05:28:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 10 05:21:45 2022  
 Response via : Initial Calibration

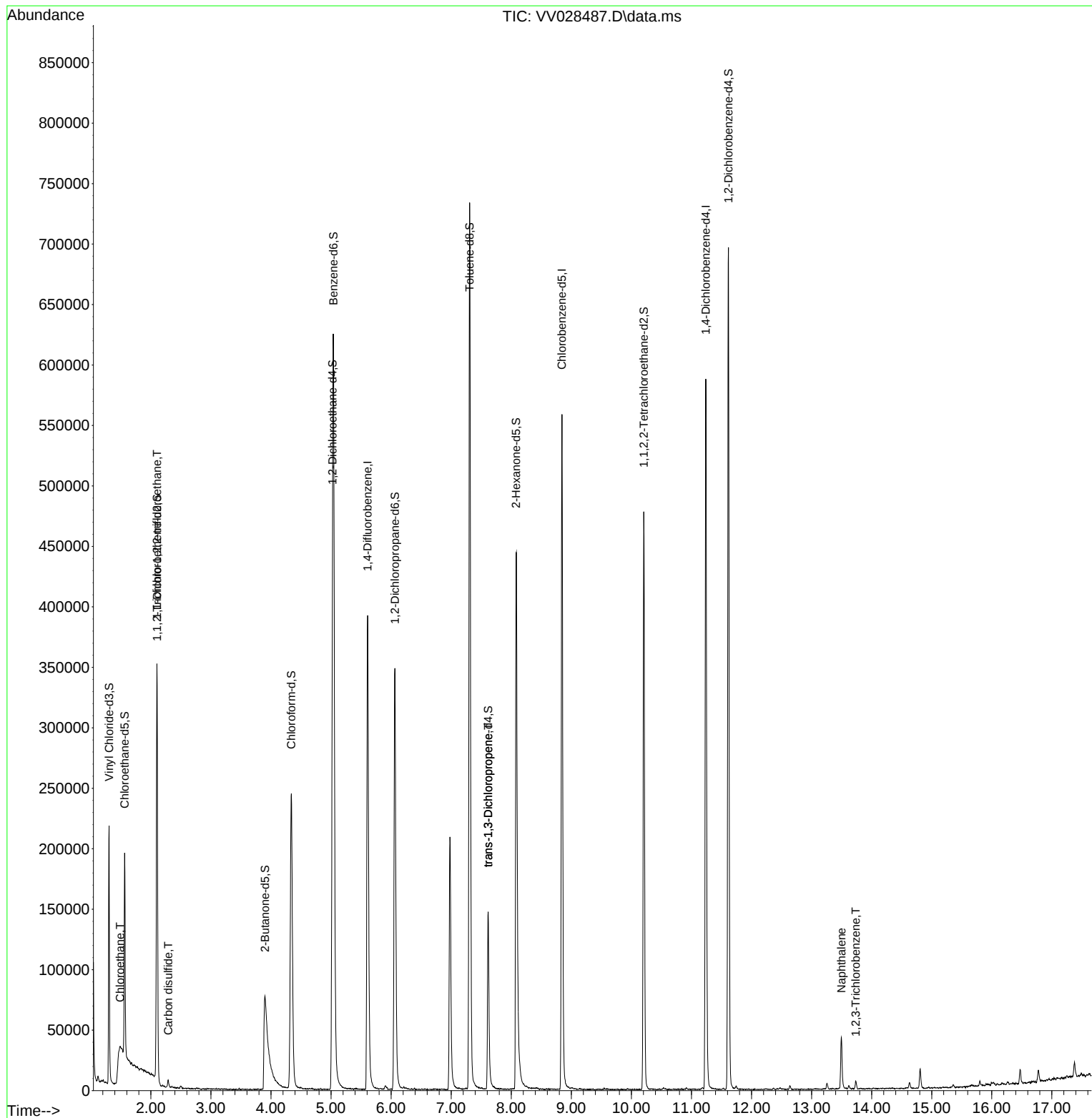
| Compound                      | R.T. QIon |       | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|-------|----------|------------|--------|----------|
| -----                         |           |       |          |            |        |          |
| Internal Standards            |           |       |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.609     | 114   | 337898   | 50.000     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844     | 117   | 301123   | 50.000     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239    | 152   | 150727   | 50.000     | ug/L   | 0.00     |
|                               |           |       |          |            |        |          |
| System Monitoring Compounds   |           |       |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.304     | 65    | 137085   | 52.578     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 135 | Recovery | = 105.160% |        |          |
| 7) Chloroethane-d5            | 1.565     | 69    | 105882   | 51.217     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 130 | Recovery | = 102.440% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.101     | 63    | 177074   | 39.905     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | = 79.820%  |        |          |
| 21) 2-Butanone-d5             | 3.902     | 46    | 237419   | 104.023    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40  | - 130 | Recovery | = 104.020% |        |          |
| 24) Chloroform-d              | 4.339     | 84    | 253215   | 52.954     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 105.900% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.024     | 65    | 180025   | 58.376     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 116.760% |        |          |
| 32) Benzene-d6                | 5.040     | 84    | 540907   | 56.058     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | = 112.120% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.063     | 67    | 169507   | 53.881     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70  | - 120 | Recovery | = 107.760% |        |          |
| 41) Toluene-d8                | 7.307     | 98    | 481911   | 55.784     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | = 111.560% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.616     | 79    | 85812    | 53.515     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | = 107.020% |        |          |
| 47) 2-Hexanone-d5             | 8.082     | 63    | 185016   | 108.111    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45  | - 130 | Recovery | = 108.110% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207    | 84    | 224950   | 52.253     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65  | - 120 | Recovery | = 104.500% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616    | 152   | 173116   | 55.430     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | = 110.860% |        |          |
|                               |           |       |          |            |        |          |
| Target Compounds              |           |       |          |            |        | Qvalue   |
| 8) Chloroethane               | 1.487     | 64    | 77137    | 44.210     | ug/L # | 51       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.105     | 101   | 1630     | 0.810      | ug/L # | 20       |
| 14) Carbon disulfide          | 2.288     | 76    | 6666     | 1.055      | ug/L # | 92       |
| 44) trans-1,3-Dichloropropene | 7.616     | 75    | 3535     | 0.872      | ug/L # | 79       |
| 71) Naphthalene               | 13.496    | 128   | 34842    | 3.522      | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.734    | 180   | 2212     | 0.713      | ug/L   | 97       |
| -----                         |           |       |          |            |        |          |

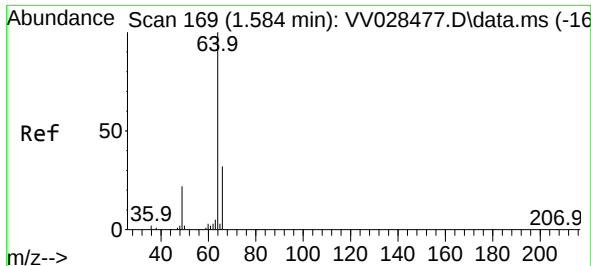
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 10 05:21:45 2022  
Response via : Initial Calibration

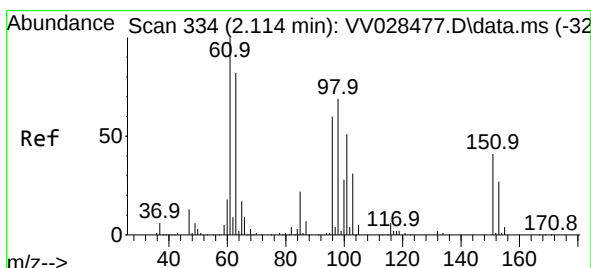
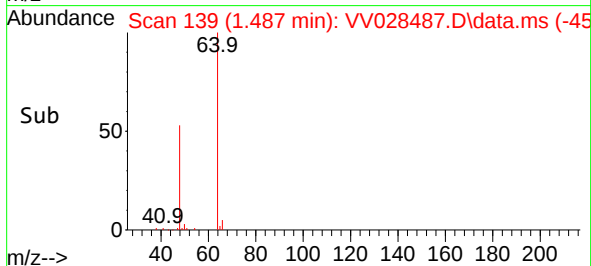
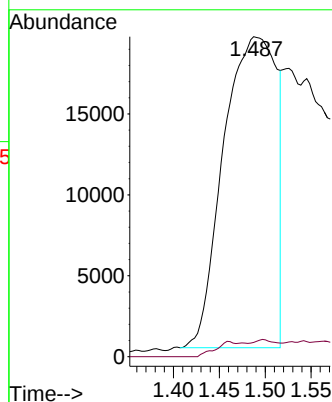
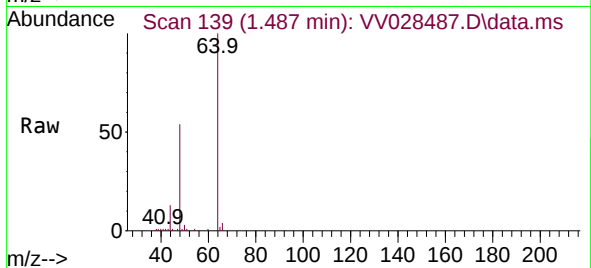




#8  
Chloroethane  
Concen: 44.210 ug/L  
RT: 1.487 min Scan# 11  
Delta R.T. -0.096 min  
Lab File: VV028487.D  
Acq: 09 Oct 2022 16:25

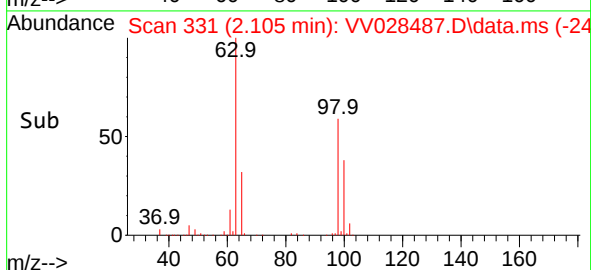
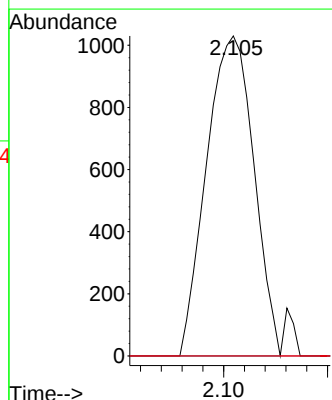
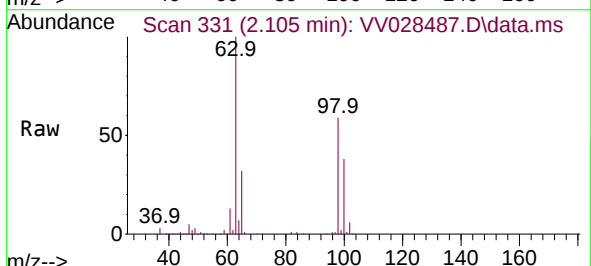
Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

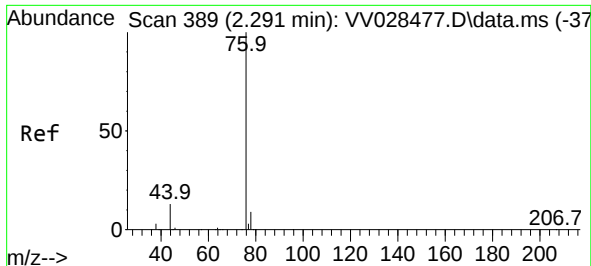
Tgt Ion: 64 Resp: 77137  
Ion Ratio Lower Upper  
64 100  
66 4.5 22.2 41.2#



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.810 ug/L  
RT: 2.105 min Scan# 331  
Delta R.T. -0.010 min  
Lab File: VV028487.D  
Acq: 09 Oct 2022 16:25

Tgt Ion:101 Resp: 1630  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.9 52.3#  
151 0.0 59.2 88.8#





#14

Carbon disulfide

Concen: 1.055 ug/L

RT: 2.288 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028487.D

Acq: 09 Oct 2022 16:25

Instrument :

MSVOA\_V

ClientSampleId :

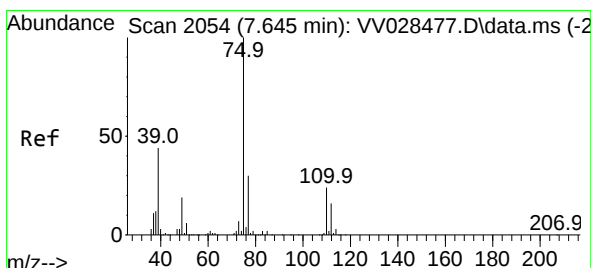
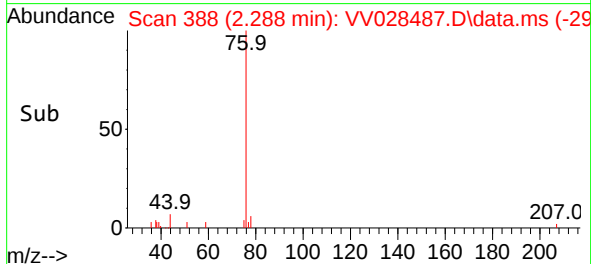
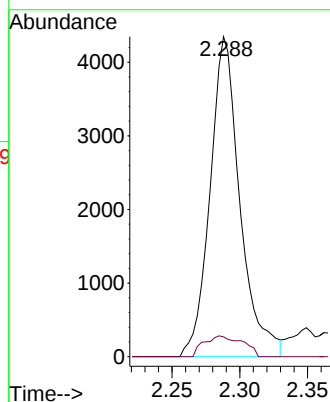
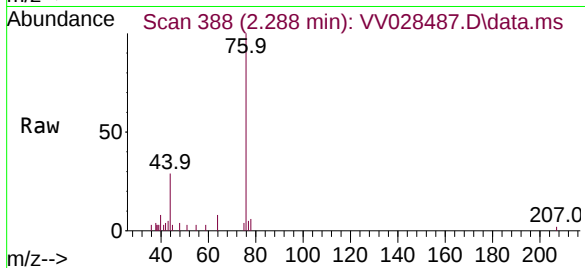
VHBLK001

Tgt Ion: 76 Resp: 6666

Ion Ratio Lower Upper

76 100

78 6.2 7.4 11.0#



#44

trans-1,3-Dichloropropene

Concen: 0.872 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.029 min

Lab File: VV028487.D

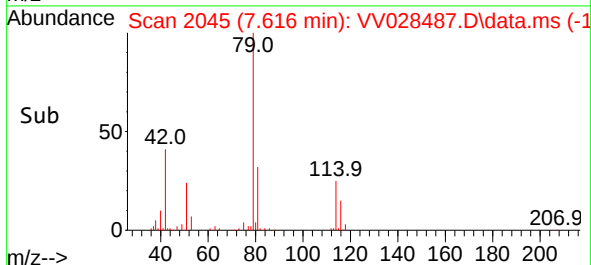
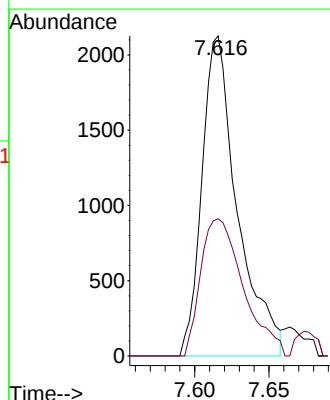
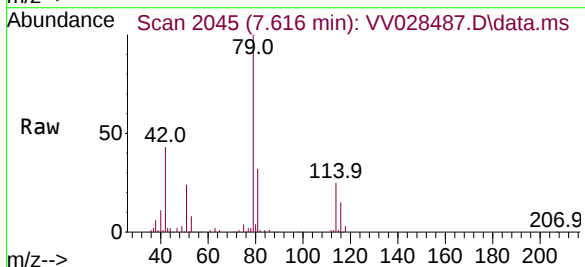
Acq: 09 Oct 2022 16:25

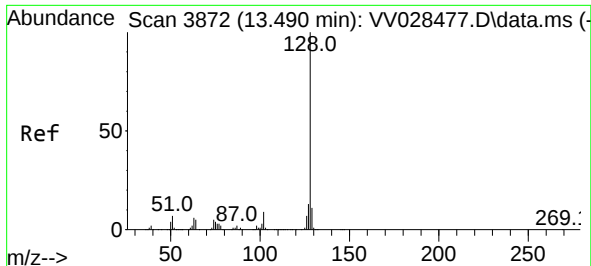
Tgt Ion: 75 Resp: 3535

Ion Ratio Lower Upper

75 100

77 42.9 21.8 40.4#

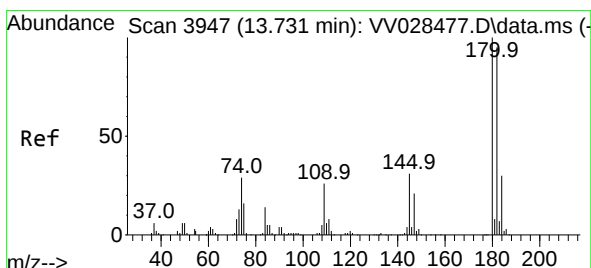
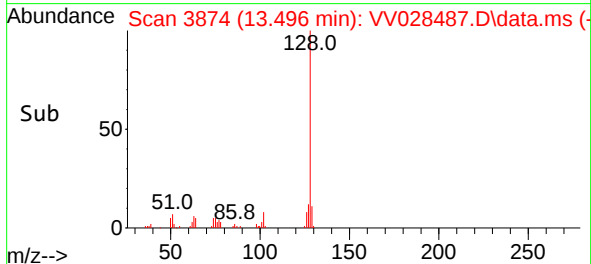
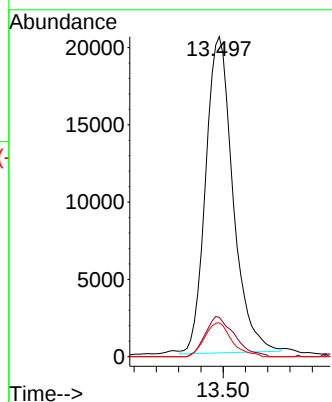
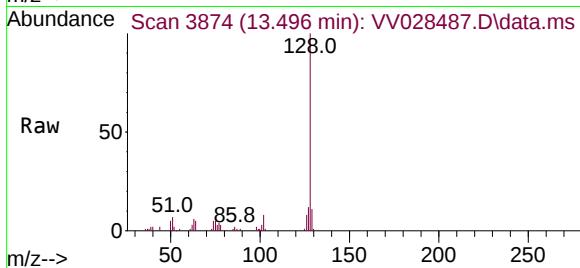




#71  
Naphthalene  
Concen: 3.522 ug/L  
RT: 13.496 min Scan# 3872  
Delta R.T. 0.006 min  
Lab File: VV028487.D  
Acq: 09 Oct 2022 16:25

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 34842     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.6  | 10.6 15.8 |
| 129         | 10.6  | 8.9 13.3  |



#72  
1,2,3-Trichlorobenzene  
Concen: 0.713 ug/L  
RT: 13.734 min Scan# 3948  
Delta R.T. 0.003 min  
Lab File: VV028487.D  
Acq: 09 Oct 2022 16:25

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 2212       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.4  | 75.4 113.0 |
| 145         | 27.9  | 26.5 39.7  |

