

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081723\  
 Data File : VV031830.D  
 Acq On : 17 Aug 2023 14:35  
 Operator : SY/MD  
 Sample : VV0817WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 18 02:33:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 18 02:24:23 2023  
 Response via : Initial Calibration

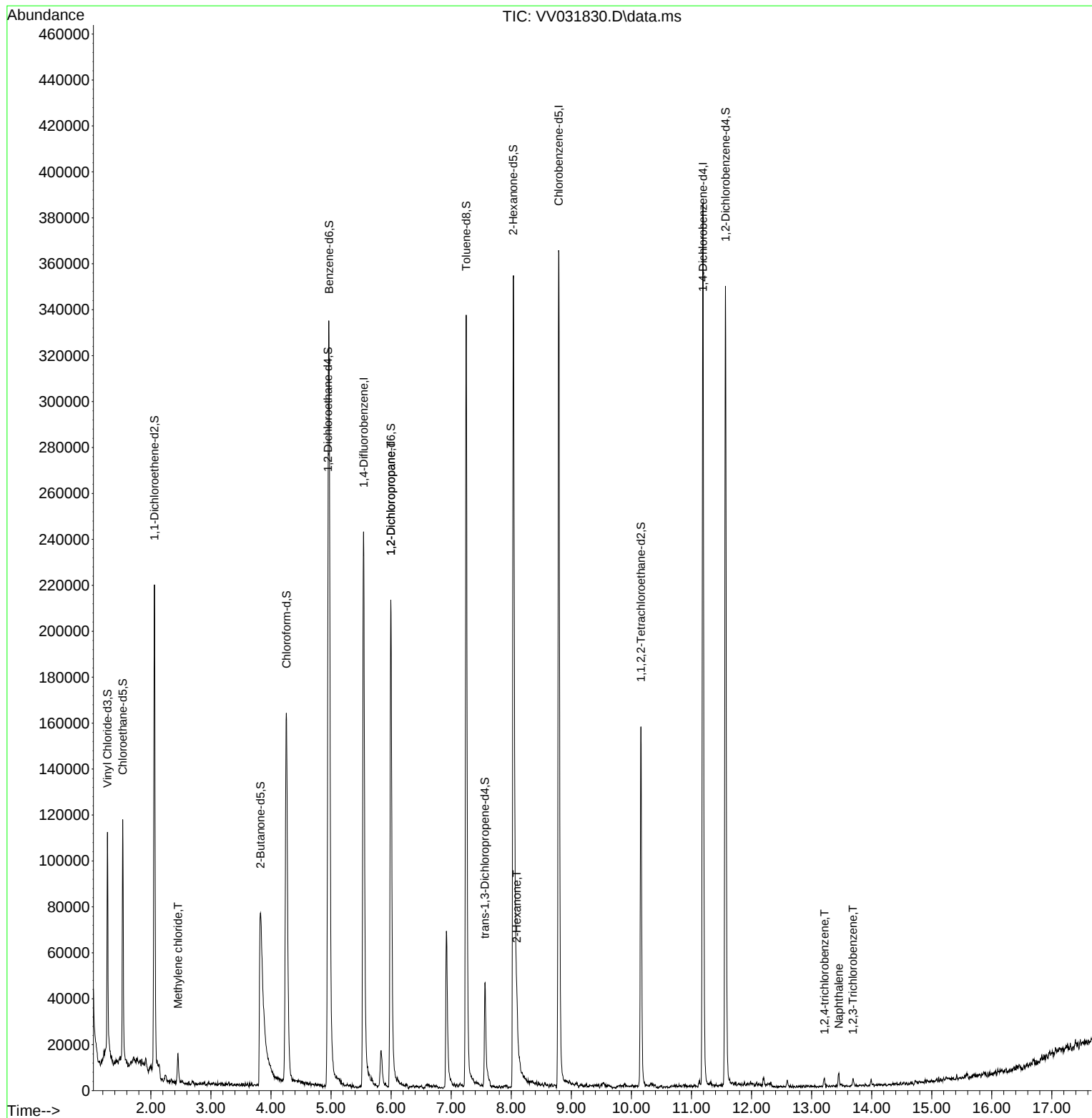
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.542     | 114            | 207296   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789     | 117            | 205396   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191    | 152            | 99502    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.278     | 65             | 65155    | 5.283      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 105.600% |        |          |
| 7) Chloroethane-d5            | 1.532     | 69             | 67929    | 5.253      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 105.000% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060     | 65             | 35965    | 5.049      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 101.000% |        |          |
| 20) 2-Butanone-d5             | 3.825     | 46             | 210594   | 49.601     | ug/L   | 0.01     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 99.200%  |        |          |
| 24) Chloroform-d              | 4.256     | 84             | 181333   | 5.067      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 101.400% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.950     | 65             | 91298    | 5.166      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 103.400% |        |          |
| 32) Benzene-d6                | 4.966     | 84             | 300405   | 5.360      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 107.200% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.995     | 67             | 108448   | 5.450      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 109.000% |        |          |
| 41) Toluene-d8                | 7.249     | 98             | 235860   | 4.623      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 92.400%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.561     | 79             | 29173    | 4.776      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 95.600%  |        |          |
| 46) 2-Hexanone-d5             | 8.034     | 63             | 131939   | 45.313     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 90.620%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159    | 84             | 75744    | 5.489      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 109.800% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567    | 152            | 91945    | 5.239      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 104.800% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            |        | Qvalue   |
| 16) Methylene chloride        | 2.452     | 84             | 4834     | 0.262      | ug/L   | 92       |
| 37) 1,2-Dichloropropane       | 5.995     | 63             | 12152    | 0.869      | ug/L # | 90       |
| 48) 2-Hexanone                | 8.092     | 43             | 15211    | 2.637      | ug/L # | 84       |
| 70) 1,2,4-trichlorobenzene    | 13.217    | 180            | 1213     | 0.086      | ug/L # | 87       |
| 71) Naphthalene               | 13.455    | 128            | 4328     | 0.211      | ug/L # | 94       |
| 72) 1,2,3-Trichlorobenzene    | 13.689    | 180            | 1202     | 0.095      | ug/L # | 92       |
| -----                         |           |                |          |            |        |          |

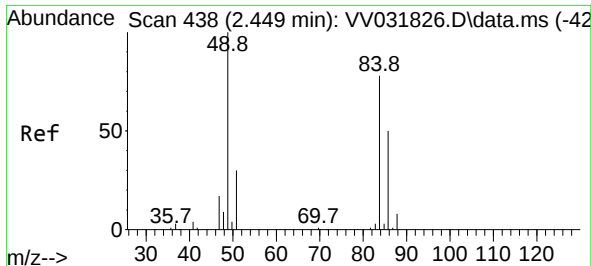
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

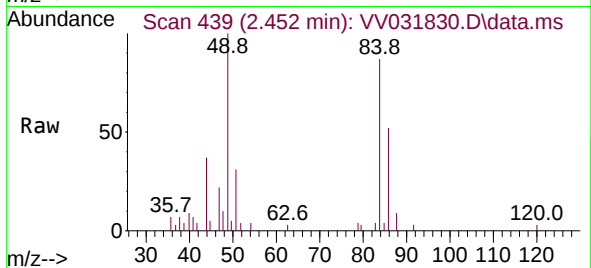
Quant Time: Aug 18 02:33:00 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Aug 18 02:24:23 2023  
Response via : Initial Calibration



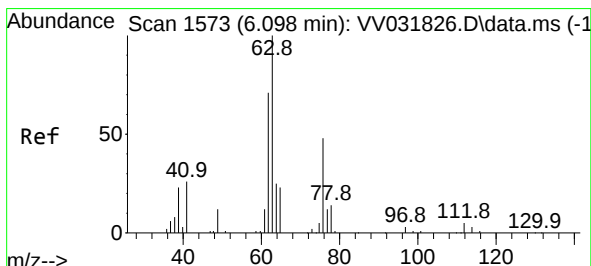
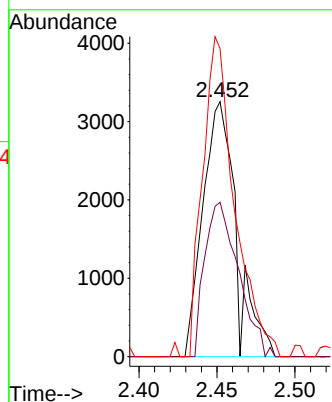
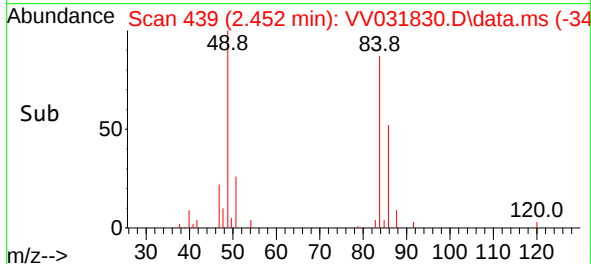


#16  
Methylene chloride  
Concen: 0.262 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV031830.D  
Acq: 17 Aug 2023 14:35

Instrument :  
MSVOA\_V  
ClientSampleId :

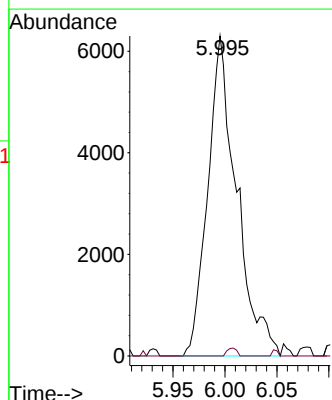
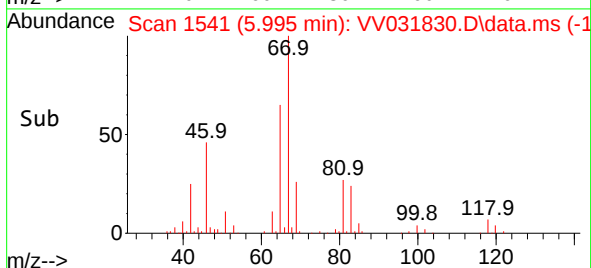
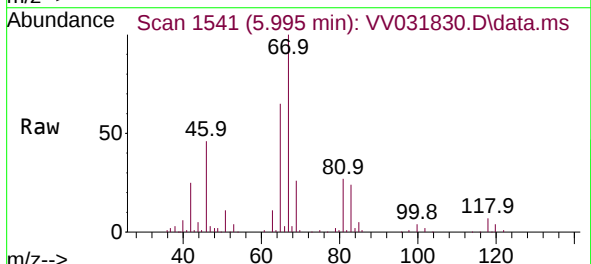


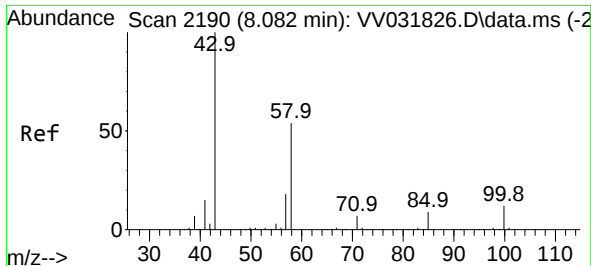
Tgt Ion: 84 Resp: 4834  
Ion Ratio Lower Upper  
84 100  
86 60.5 44.5 82.7  
49 120.8 93.0 172.6



#37  
1,2-Dichloropropane  
Concen: 0.869 ug/L  
RT: 5.995 min Scan# 1541  
Delta R.T. -0.103 min  
Lab File: VV031830.D  
Acq: 17 Aug 2023 14:35

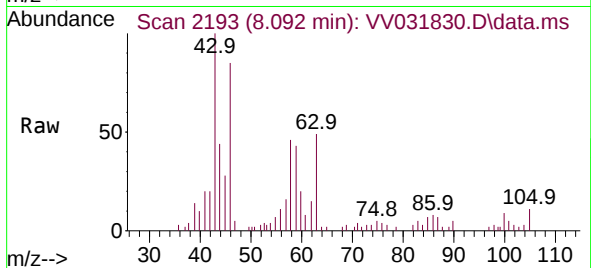
Tgt Ion: 63 Resp: 12152  
Ion Ratio Lower Upper  
63 100  
112 0.8 3.4 5.0#



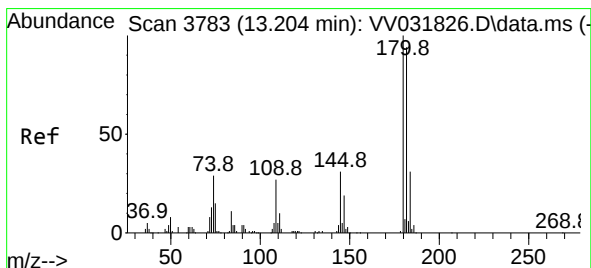
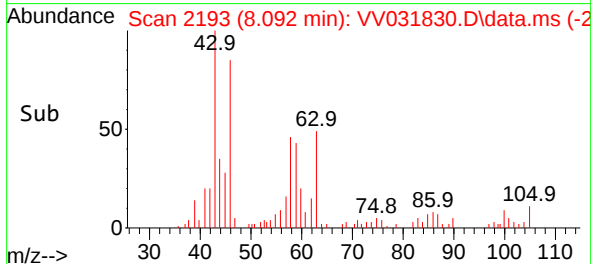
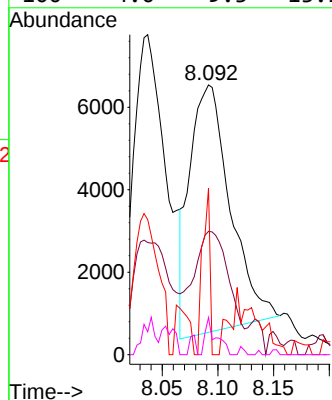


#48  
2-Hexanone  
Concen: 2.637 ug/L  
RT: 8.092 min Scan# 2190  
Delta R.T. 0.010 min  
Lab File: VV031830.D  
Acq: 17 Aug 2023 14:35

Instrument :  
MSVOA\_V  
ClientSampleId :

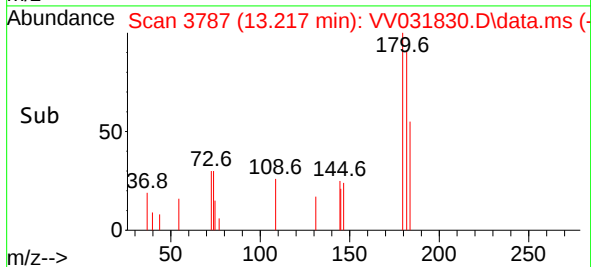
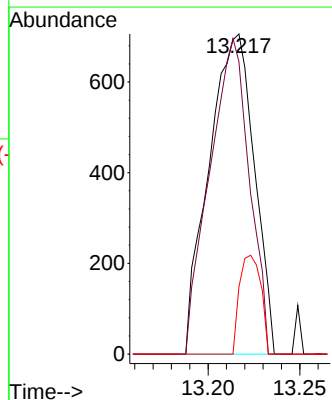
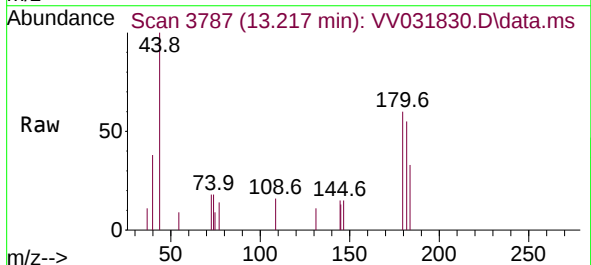


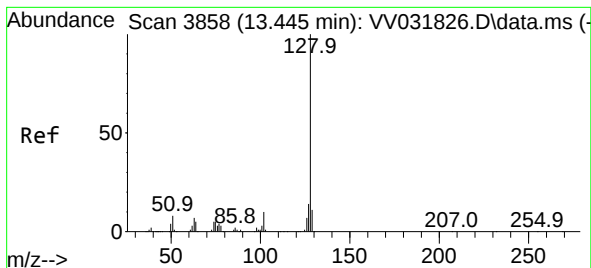
| Tgt Ion   | 43   | Resp: | 15211 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 44.2 | 44.4  | 66.6# |
| 57        | 12.1 | 15.0  | 22.6# |
| 100       | 4.0  | 9.3   | 13.9# |



#70  
1,2,4-trichlorobenzene  
Concen: 0.086 ug/L  
RT: 13.217 min Scan# 3787  
Delta R.T. 0.013 min  
Lab File: VV031830.D  
Acq: 17 Aug 2023 14:35

| Tgt Ion   | 180  | Resp: | 1213  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 180       | 100  |       |       |
| 182       | 86.4 | 75.2  | 112.8 |
| 145       | 14.5 | 25.0  | 37.4# |





#71

Naphthalene

Concen: 0.211 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.010 min

Lab File: VV031830.D

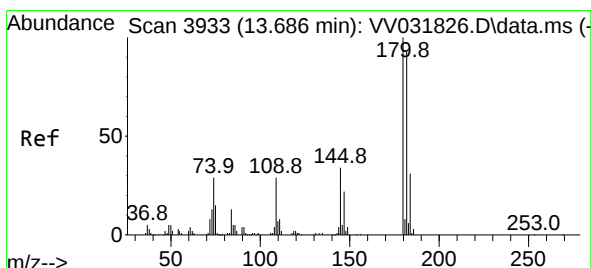
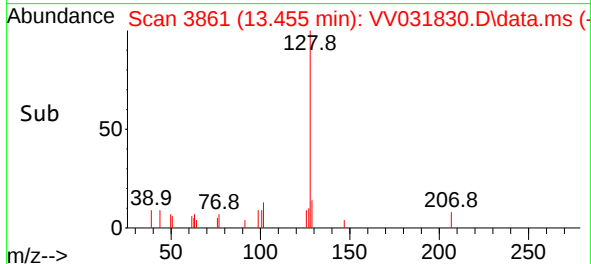
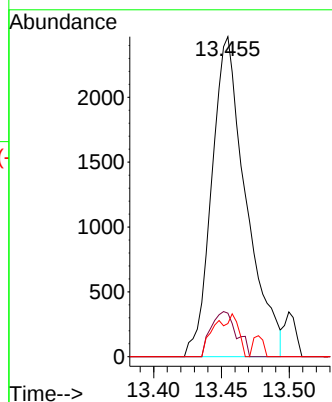
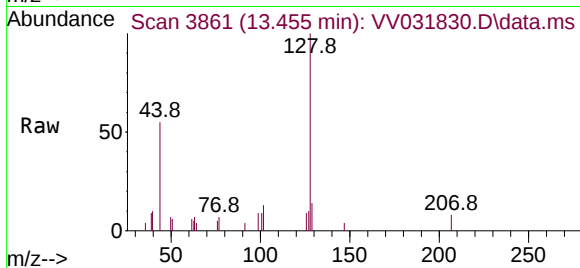
Acq: 17 Aug 2023 14:35

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4328  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 10.5  | 8.6   | 12.8  |
| 127      | 9.3   | 11.0  | 16.4# |



#72

1,2,3-Trichlorobenzene

Concen: 0.095 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031830.D

Acq: 17 Aug 2023 14:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1202  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 89.7  | 75.9  | 113.9 |
| 145      | 25.8  | 27.6  | 41.4# |

