Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028334.D
Acq On : 04 Oct 2022 18:53
Operator : SY/MD
Sample : VV1004WBL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Oct 04 23:25:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 190081 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 192614 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 89276 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.298 | 65 | 61469 | 4.304 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 86.000% | | | |
| 7) Chloroethane-d5 | 1.561 | 69 | 56386 | 4.664 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 93.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.098 | 63 | 90186 | 3.350 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 67.000% | | | |
| 20) 2-Butanone-d5 | 3.912 | 46 | 130018 | 53.804 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 107.600% | | | |
| 24) Chloroform-d | 4.339 | 84 | 122815 | 4.747 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 61249 | 5.106 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.200% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 256660 | 4.858 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.063 | 67 | 81754 | 5.394 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 107.800% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 215910 | 4.443 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 25940 | 4.493 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.800% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 116809 | 49.435 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 98.860% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 60147 | 5.235 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 83302 | 5.422 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.243 | 50 | 551 | 0.038 | ug/L # | 82 |
| 6) Bromomethane | 1.516 | 94 | 399 | 0.051 | ug/L | 87 |
| 8) Chloroethane | 1.420 | 64 | 133230 | 12.252 | ug/L # | 50 |
| 16) Methylene chloride | 2.500 | 84 | 3632 | 0.237 | ug/L | 93 |
| 25) Chloroform | 4.371 | 83 | 11044 | 0.416 | ug/L | 95 |
| 35) Methylcyclohexane | 6.066 | 83 | 19706 | 0.841 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.066 | 63 | 8901 | 0.670 | ug/L # | 87 |
| 61) 1,2,3-Trichloropropane | 11.246 | 75 | 9365 | 1.360 | ug/L # | 70 |

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

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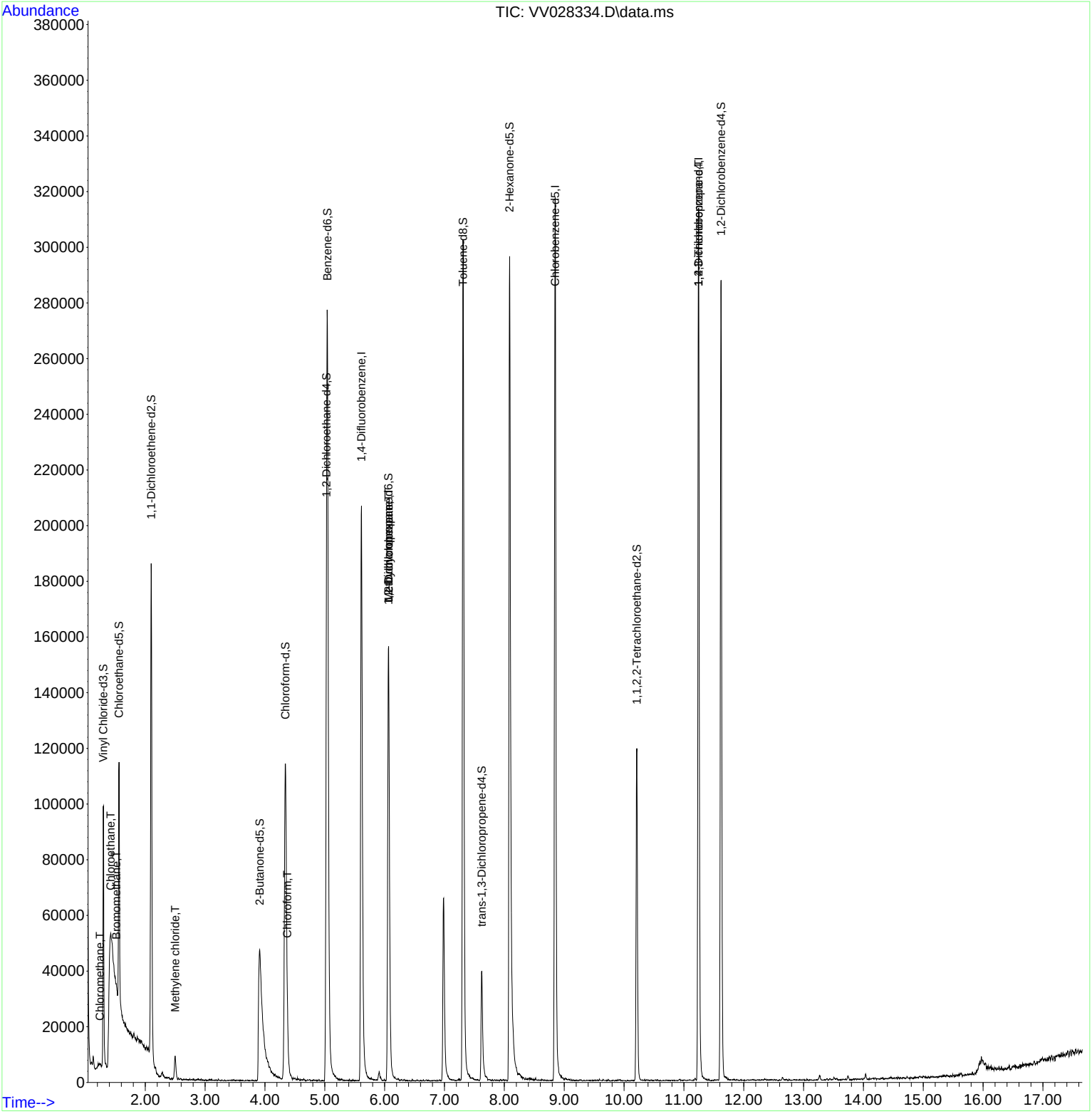
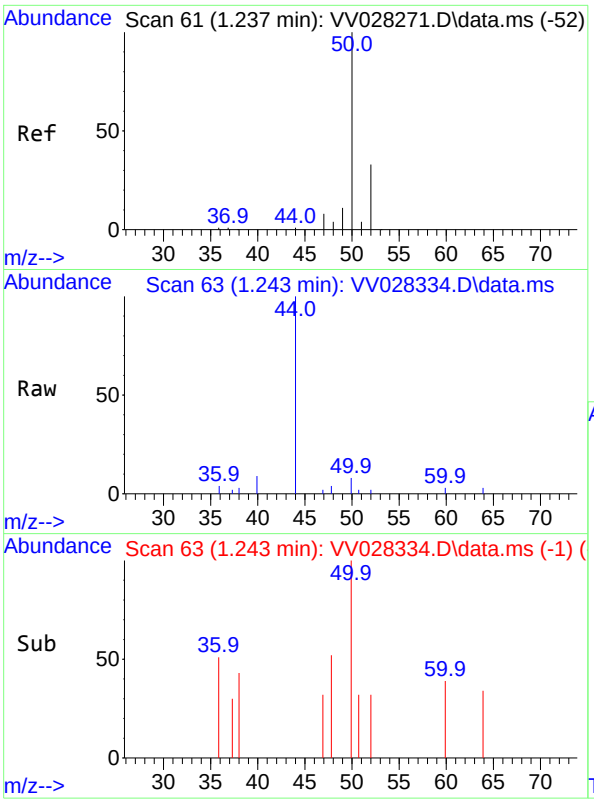
Operator : SY/MD
Sample : VV1004WBL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Oct 04 23:25:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



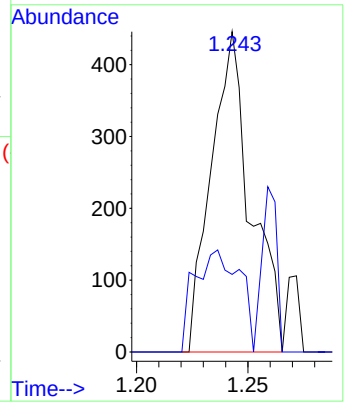


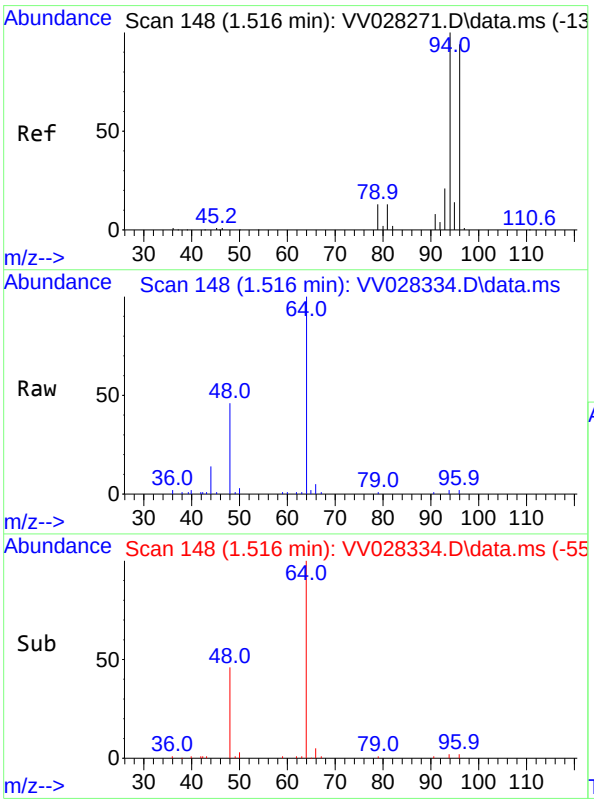

#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.243 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 50 Resp: 551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 24.2 | 24.4 | 45.2# |

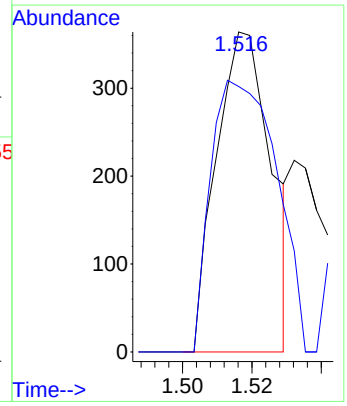


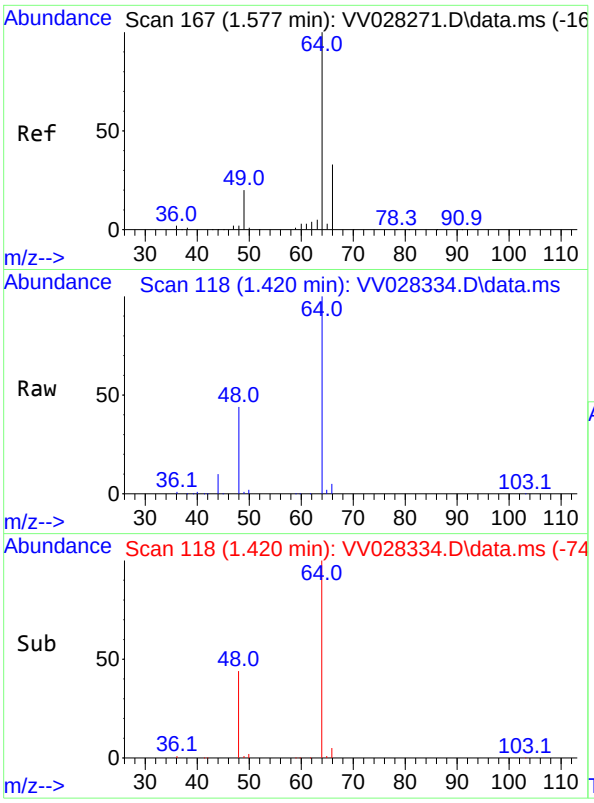




#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

Tgt Ion: 94 Resp: 399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 83.0 | 66.7 | 123.9 |



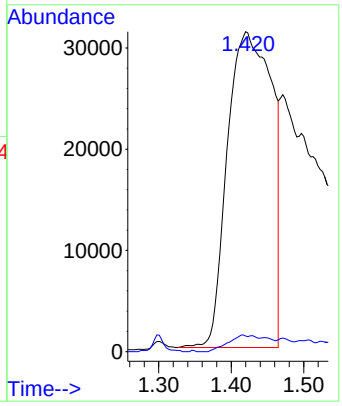


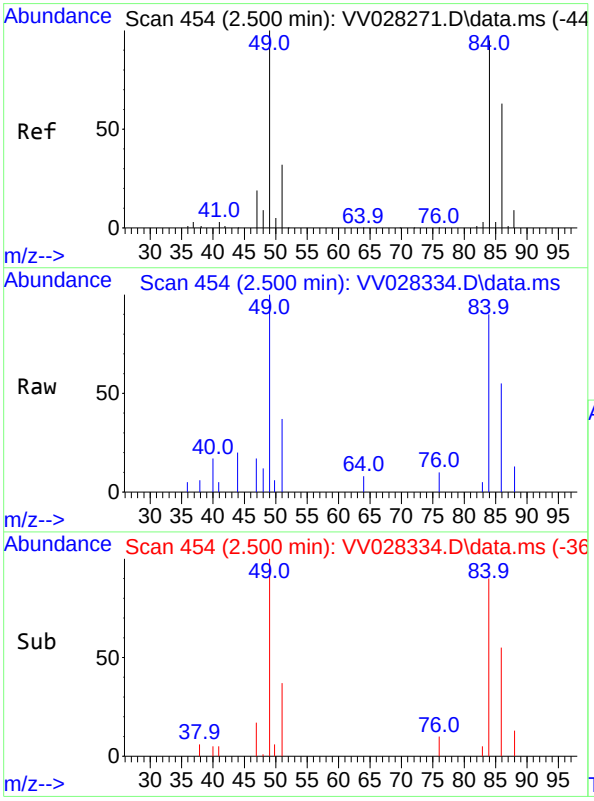

#8
Chloroethane
Concen: 12.252 ug/L
RT: 1.420 min Scan# 1
Delta R.T. -0.157 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 64 Resp: 133230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 4.9 | 23.0 | 42.8# |

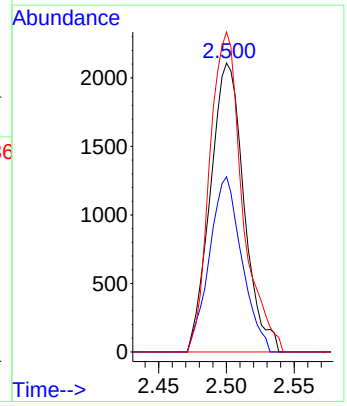


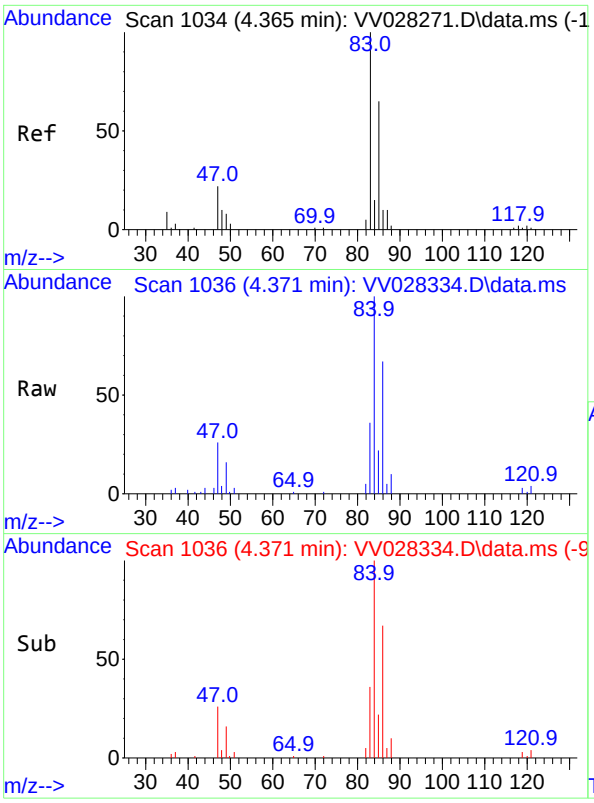




#16
Methylene chloride
Concen: 0.237 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

Tgt Ion: 84 Resp: 3632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 60.7 | 46.8 | 86.8 |
| 49 | 117.2 | 87.5 | 162.5 |



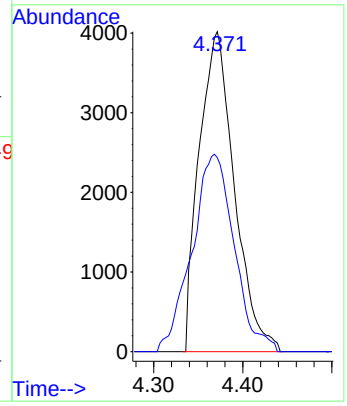


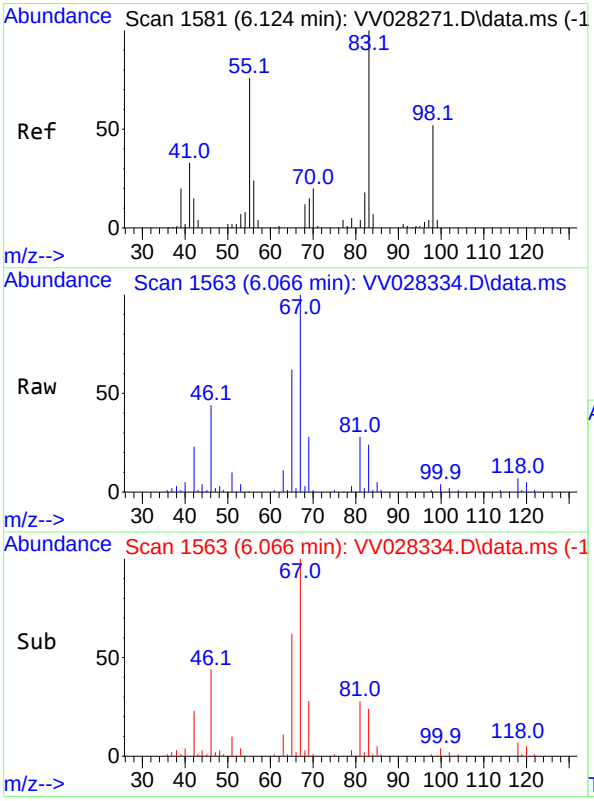

#25
Chloroform
Concen: 0.416 ug/L
RT: 4.371 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 83 Resp: 11044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.7 | 45.1 | 83.7 |

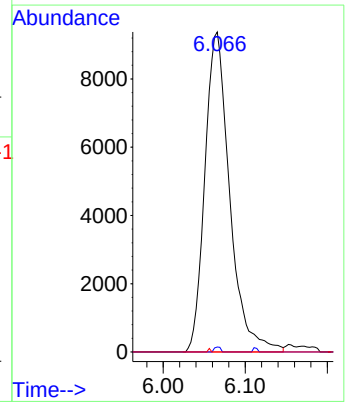


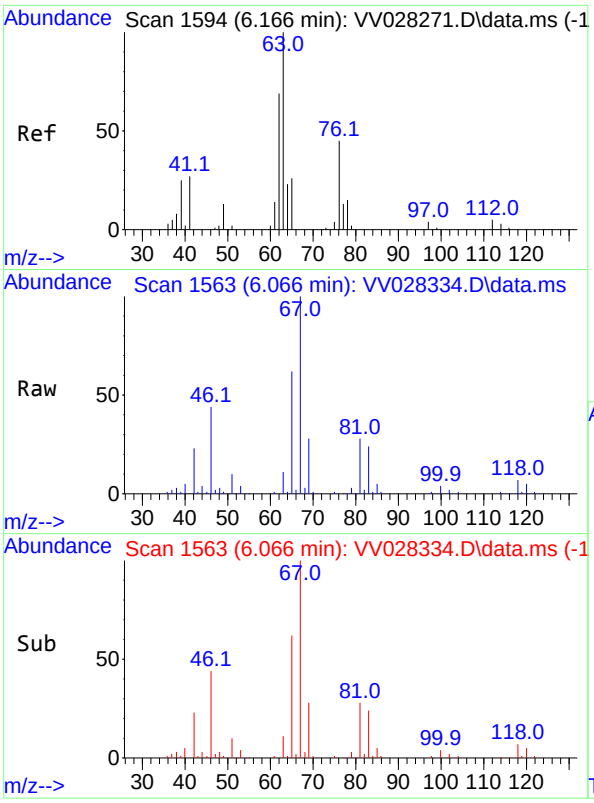




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

Tgt Ion: 83 Resp: 19706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 64.7 | 97.1# |
| 98 | 0.1 | 39.5 | 59.3# |



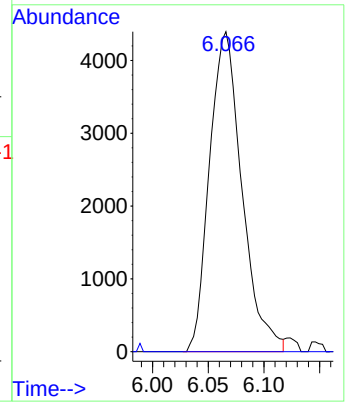


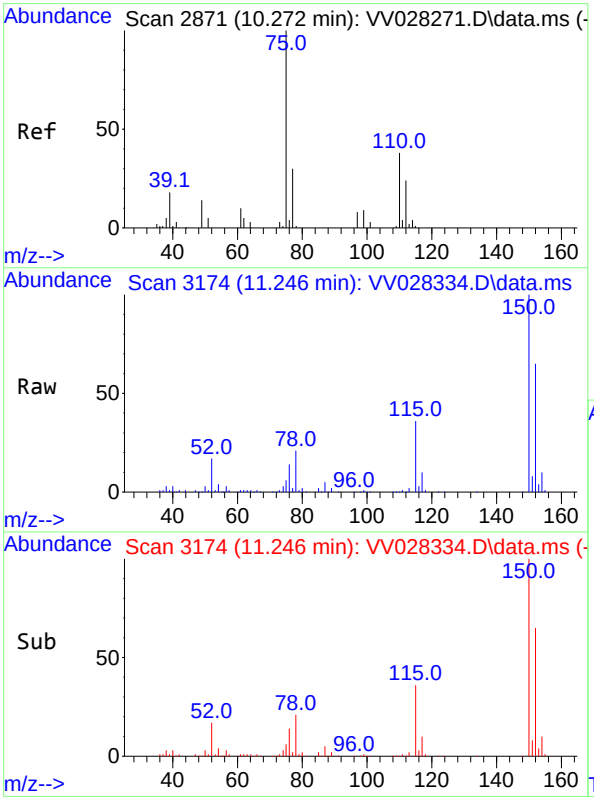

#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 63 Resp: 8901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 3.5 | 5.3# |




#61
1,2,3-Trichloropropane
Concen: 1.360 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV028334.D
Acq: 04 Oct 2022 18:53

Tgt Ion: 75 Resp: 9365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.6 | 26.7 | 40.1 |
| 110 | 3.3 | 30.1 | 45.1# |