Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028609.D
Acq On : 18 Oct 2022 12:44
Operator : SY/MD
Sample : N5163-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 19 00:37:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 182451 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 171564 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.242 | 152 | 79142 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.301 | 65 | 62820 | 4.001 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 80.000% | | | |
| 7) Chloroethane-d5 | 1.561 | 69 | 60369 | 4.677 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 93.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.101 | 63 | 92799 | 3.263 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 65.200% | | | |
| 20) 2-Butanone-d5 | 3.899 | 46 | 103552 | 30.676 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 61.360% | | | |
| 24) Chloroform-d | 4.342 | 84 | 111381 | 4.632 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 57225 | 4.566 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.400% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 224841 | 4.059 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 75343 | 4.215 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 84.200% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 182817 | 4.165 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 21336 | 3.533 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 70.600% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 113085 | 43.384 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 86.760% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84 | 47887 | 4.498 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 90.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.619 | 152 | 60890 | 4.663 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 93.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.098 | 96 | 944 | 0.083 | ug/L # | 1 |
| 22) cis-1,2-Dichloroethene | 3.908 | 96 | 6739 | 0.504 | ug/L # | 94 |
| 25) Chloroform | 4.368 | 83 | 3186 | 0.126 | ug/L | 78 |
| 35) Methylcyclohexane | 6.066 | 83 | 16677 | 0.692 | ug/L # | 18 |
| 39) cis-1,3-Dichloropropene | 6.982 | 75 | 1435 | 0.070 | ug/L # | 73 |
| 42) Toluene | 7.390 | 91 | 16391 | 0.288 | ug/L | 99 |
| 47) Tetrachloroethene | 7.969 | 164 | 336942 | 35.753 | ug/L | 100 |
| 49) Dibromochloromethane | 7.969 | 129 | 330144 | 36.091 | ug/L # | 11 |
| 52) Ethylbenzene | 9.011 | 91 | 2854 | 0.045 | ug/L | 95 |
| 53) m,p-Xylene | 9.140 | 106 | 3143 | 0.133 | ug/L | 94 |
| 54) o-Xylene | 9.542 | 106 | 1468 | 0.064 | ug/L | 65 |
| 61) 1,2,3-Trichloropropane | 11.242 | 75 | 11687 | 1.653 | ug/L # | 67 |
| 62) 1,3,5-Trimethylbenzene | 10.914 | 105 | 1730 | 0.100 | ug/L | 89 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
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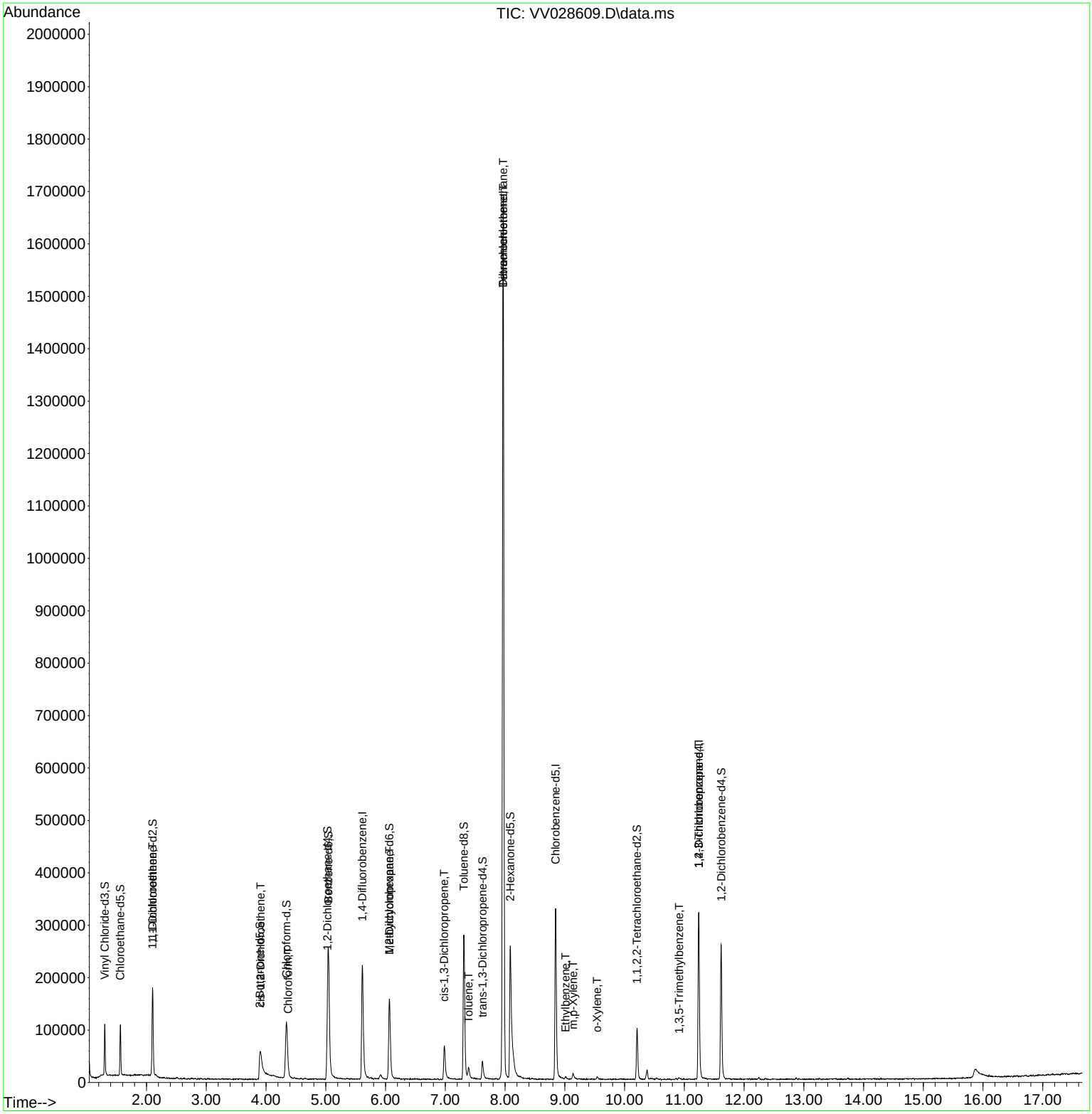
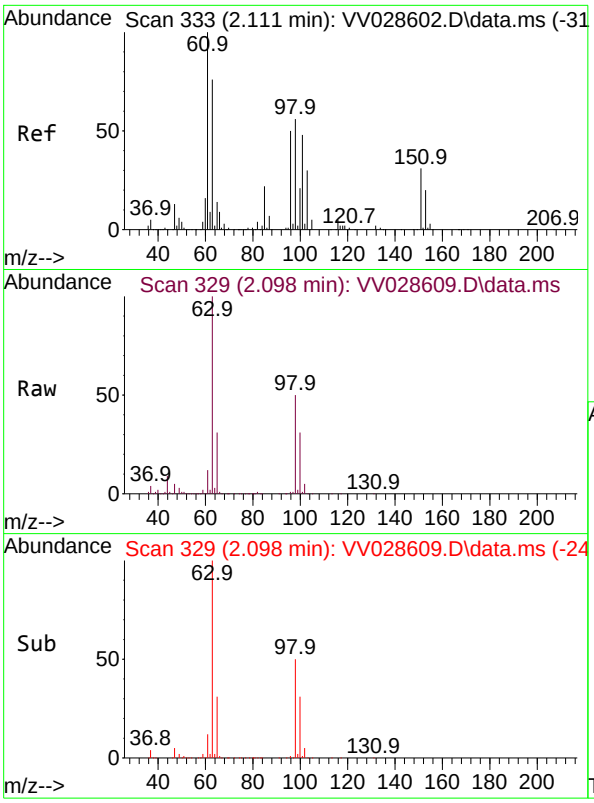
Acq On : 18 Oct 2022 12:44
Operator : SY/MD
Sample : N5163-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 19 00:37:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration



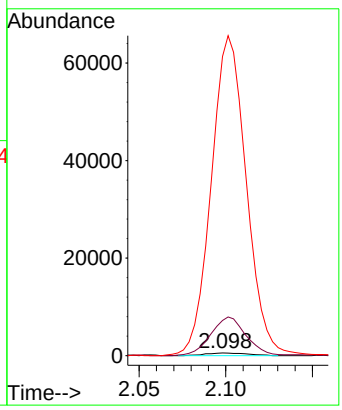


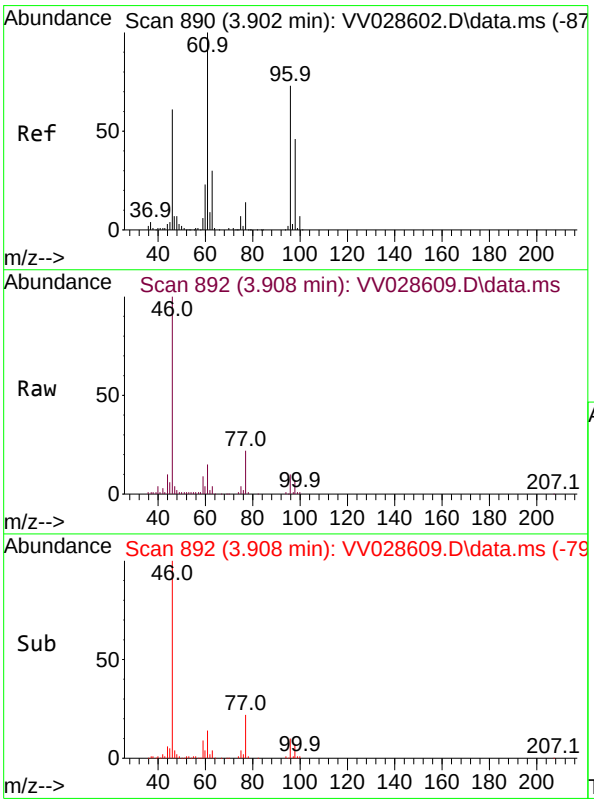

#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.098 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

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

Tgt Ion: 96 Resp: 944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1296.2 | 142.9 | 265.5# |
| 63 | 11013.3 | 102.3 | 190.1# |

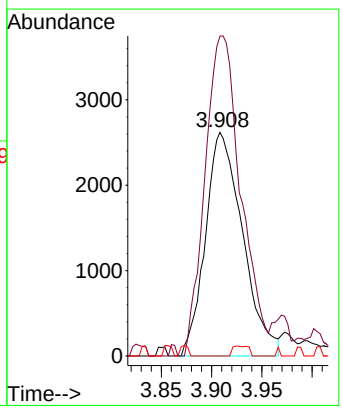


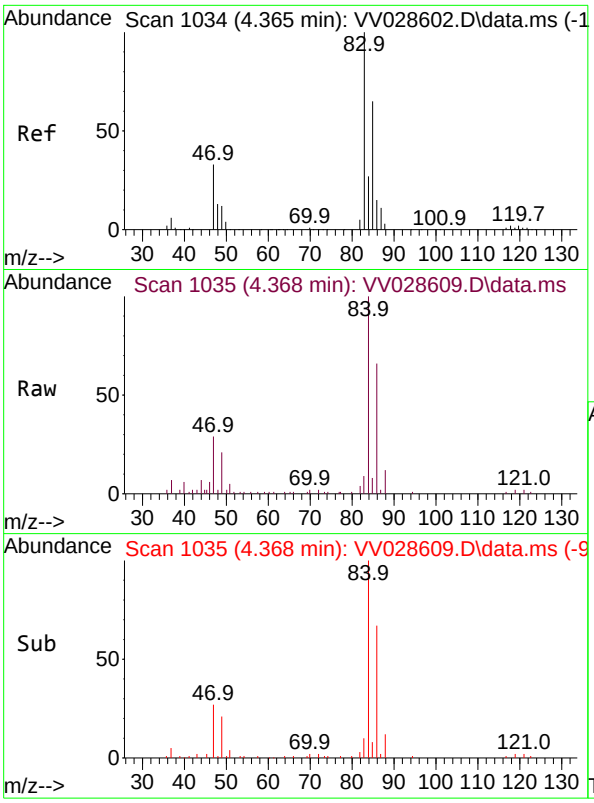




#22
cis-1,2-Dichloroethene
Concen: 0.504 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

Tgt Ion: 96 Resp: 6739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.0 | 105.1 | 195.3 |
| 68 | 0.0 | 0.5 | 0.9# |



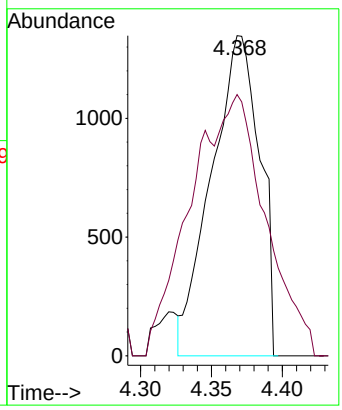


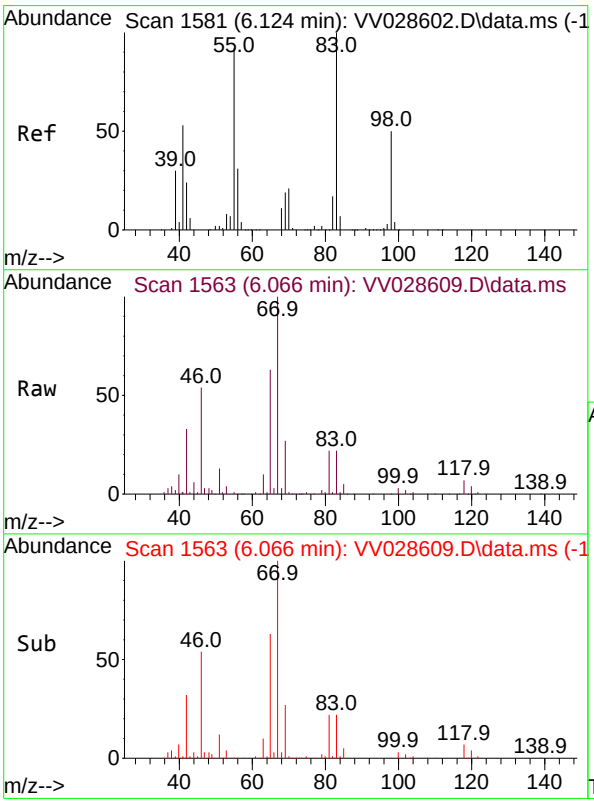

#25
Chloroform
Concen: 0.126 ug/L
RT: 4.368 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

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

Tgt Ion: 83 Resp: 3186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 81.6 | 45.1 | 83.9 |

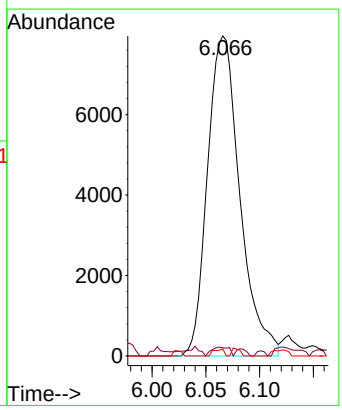


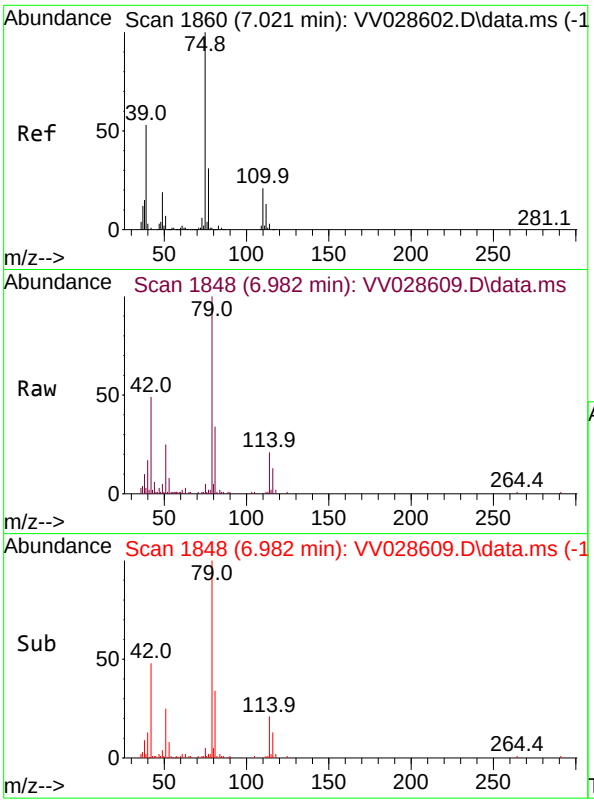




#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

Tgt Ion: 83 Resp: 16677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.5 | 65.0 | 97.6# |
| 98 | 0.7 | 36.4 | 54.6# |



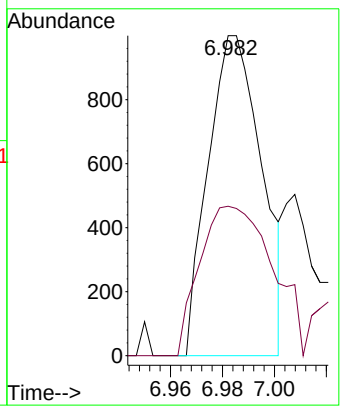


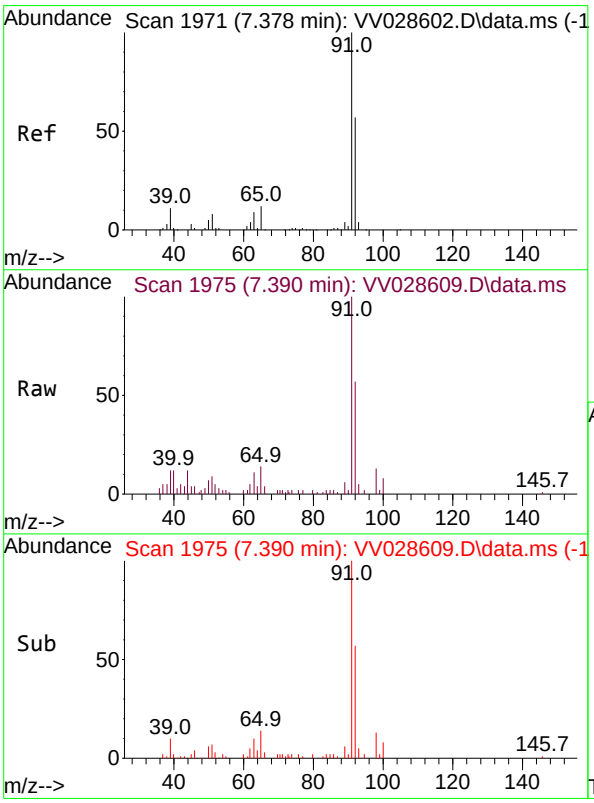

#39
cis-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 6.982 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

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

Tgt Ion: 75 Resp: 1435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.7 | 22.1 | 41.1# |

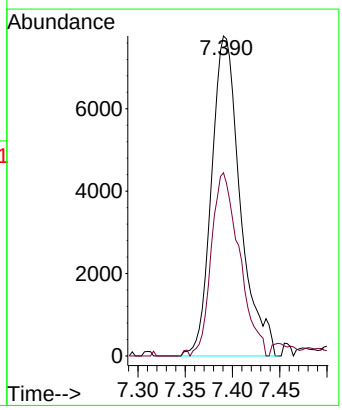


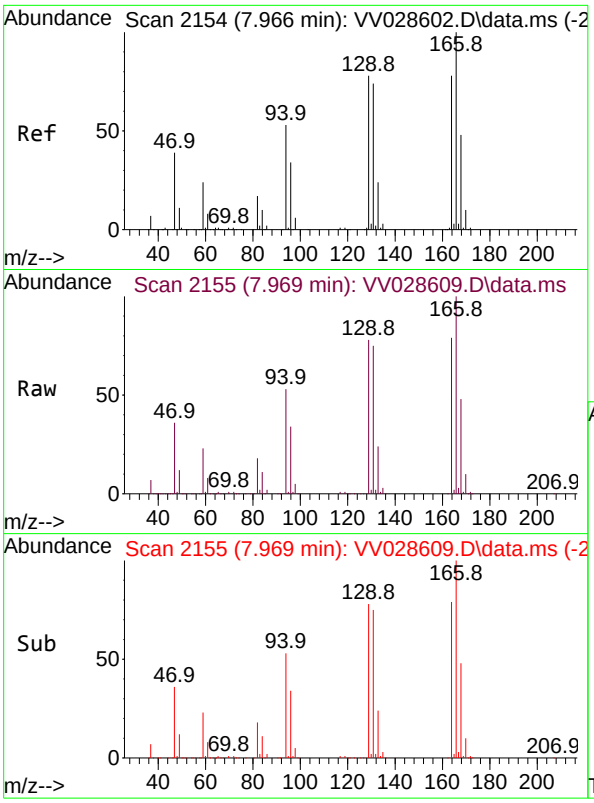




#42
Toluene
Concen: 0.288 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.013 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

Tgt Ion: 91 Resp: 16391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.3 | 40.7 | 75.5 |



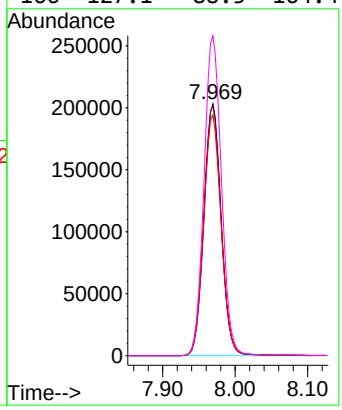


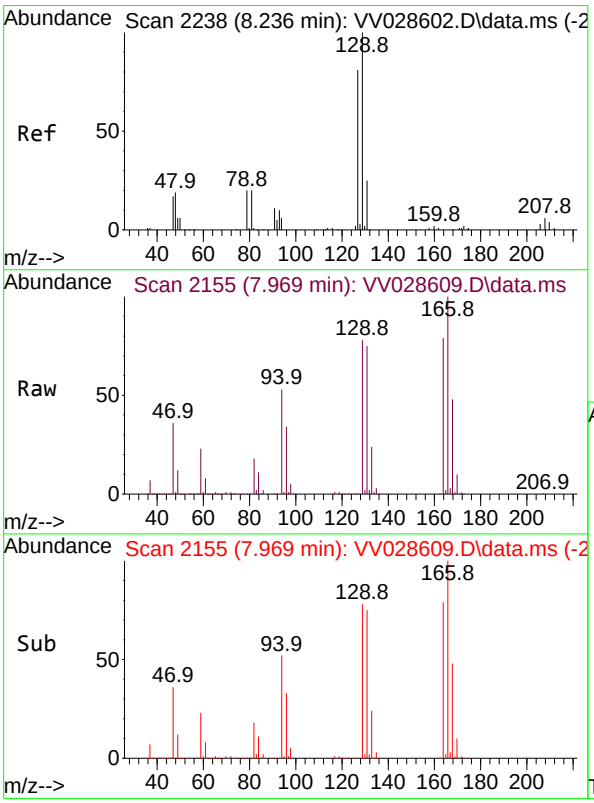

#47
Tetrachloroethene
Concen: 35.753 ug/L
RT: 7.969 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

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

Tgt Ion:164 Resp: 336942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 99.1 | 69.3 | 128.7 |
| 131 | 95.5 | 67.3 | 125.1 |
| 166 | 127.1 | 88.5 | 164.4 |

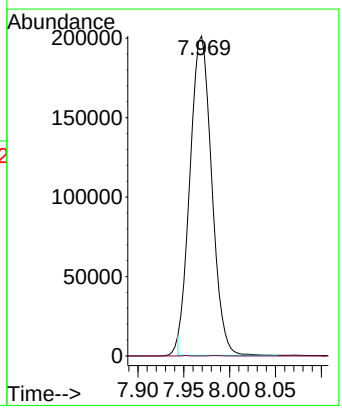


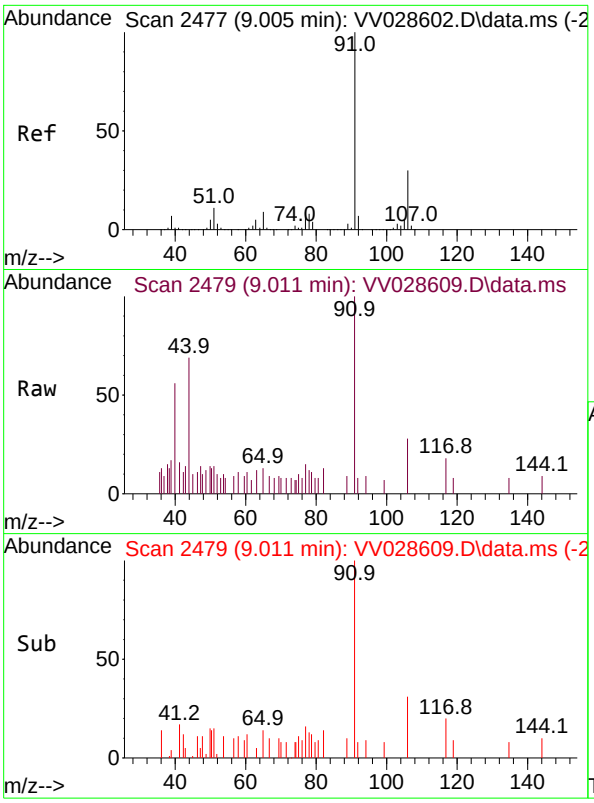




#49
Dibromochloromethane
Concen: 36.091 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

Tgt Ion:129 Resp: 330144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.8 | 100.0# |



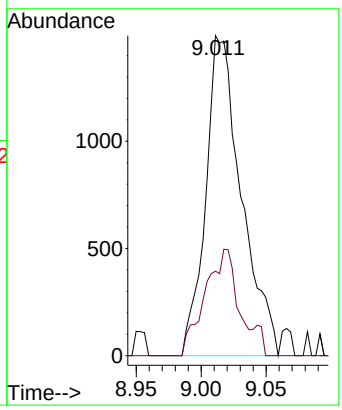


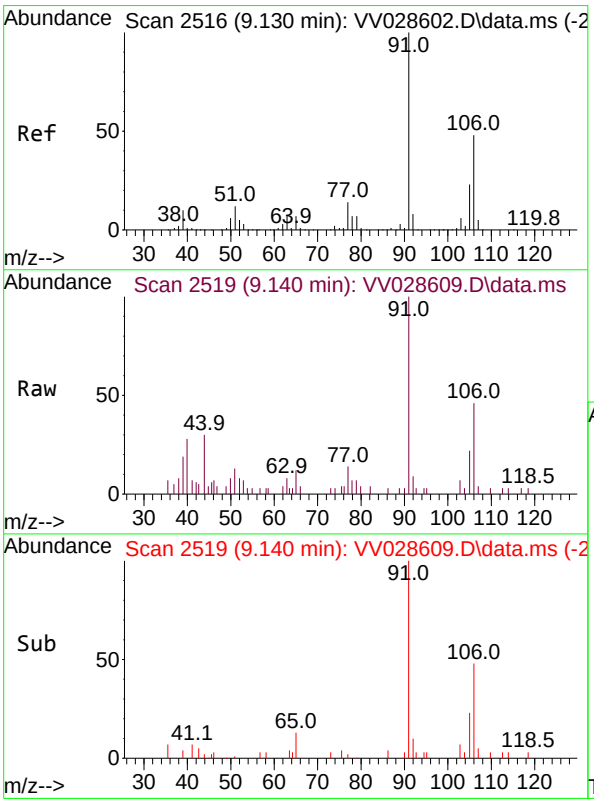

#52
Ethylbenzene
Concen: 0.045 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

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

Tgt Ion: 91 Resp: 2854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 26.4 | 20.3 | 37.7 |

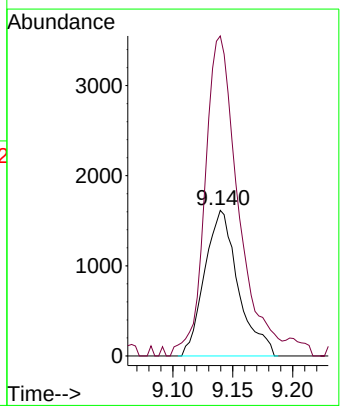


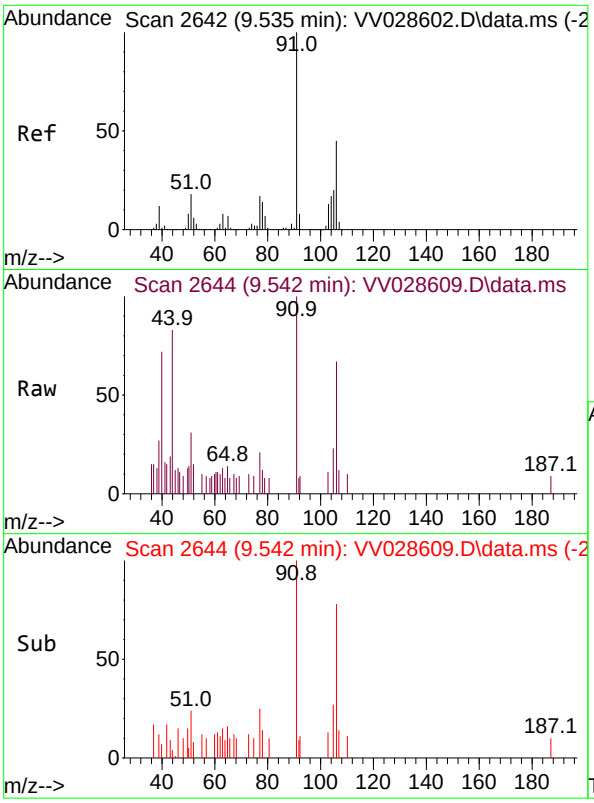




#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

Tgt Ion:106 Resp: 3143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.7 | 146.9 | 272.9 |



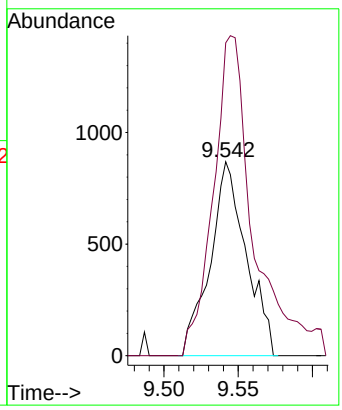


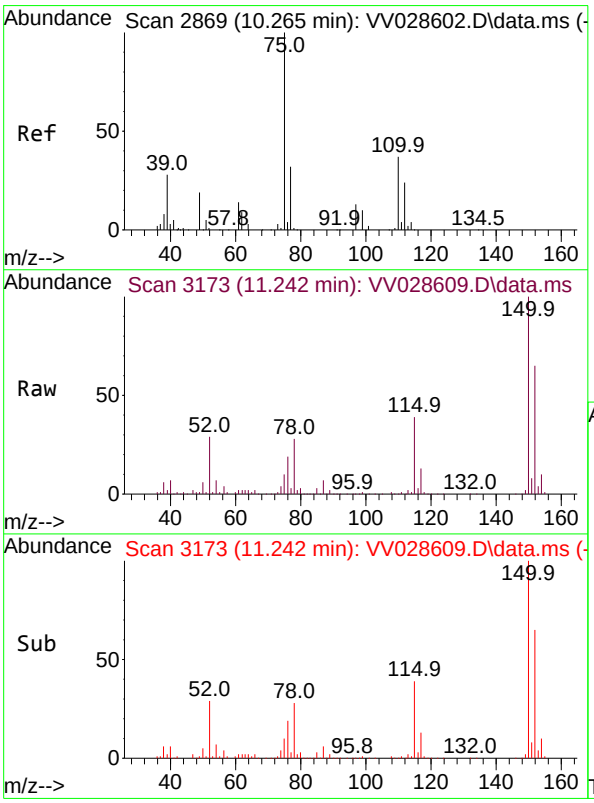

#54
o-Xylene
Concen: 0.064 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

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

Tgt Ion:106 Resp: 1468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 161.3 | 151.4 | 281.2 |

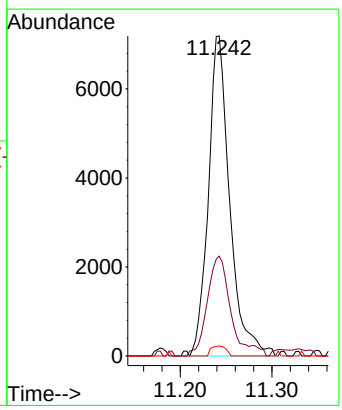


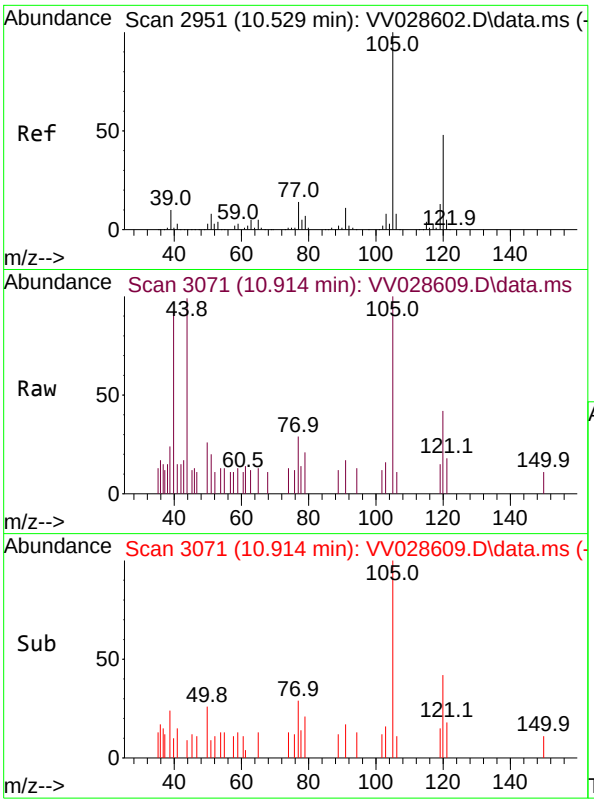




#61
1,2,3-Trichloropropane
Concen: 1.653 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

Tgt Ion: 75 Resp: 11687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.0 | 24.6 | 37.0 |
| 110 | 2.1 | 28.3 | 42.5# |






#62
1,3,5-Trimethylbenzene
Concen: 0.100 ug/L
RT: 10.914 min Scan# 3
Delta R.T. 0.386 min
Lab File: VV028609.D
Acq: 18 Oct 2022 12:44

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

Tgt Ion:105 Resp: 1730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 54.7 | 38.0 | 57.0 |