Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029868.D
Acq On : 16 Jan 2023 11:30
Operator : SY/MD
Sample : 01136-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Quant Time: Jan 17 00:37:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.606 | 114 | 215408 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.841 | 117 | 212331 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.236 | 152 | 108474 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 66494 | 4.070 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 81.400% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 64493 | 4.762 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.101 | 63 | 107882 | 3.622 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.400% | | | |
| 20) 2-Butanone-d5 | 3.879 | 46 | 120316 | 41.547 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 83.100% | | | |
| 24) Chloroform-d | 4.333 | 84 | 151331 | 5.049 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.018 | 65 | 64815 | 5.106 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.200% | | | |
| 32) Benzene-d6 | 5.037 | 84 | 308571 | 4.899 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.056 | 67 | 94178 | 5.109 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 102.200% | | | |
| 41) Toluene-d8 | 7.304 | 98 | 265701 | 4.557 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.612 | 79 | 29092 | 4.321 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.400% | | | |
| 46) 2-Hexanone-d5 | 8.082 | 63 | 117441 | 42.850 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.700% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204 | 84 | 66324 | 4.910 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.612 | 152 | 102101 | 5.177 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.240 | 50 | 1553 | 0.074 | ug/L | 95 |
| 5) Vinyl chloride | 1.307 | 62 | 4980 | 0.241 | ug/L # | 56 |
| 8) Chloroethane | 1.581 | 64 | 81336 | 6.479 | ug/L | 89 |
| 12) 1,1-Dichloroethene | 2.111 | 96 | 2005 | 0.109 | ug/L # | 1 |
| 13) Acetone | 2.175 | 43 | 11207 | 5.422 | ug/L | 92 |
| 14) Carbon disulfide | 2.291 | 76 | 12787 | 0.241 | ug/L | 98 |
| 16) Methylene chloride | 2.500 | 84 | 5834 | 0.255 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 2.767 | 73 | 3828 | 0.120 | ug/L # | 66 |
| 18) trans-1,2-Dichloroethene | 2.754 | 96 | 815 | 0.048 | ug/L | 93 |
| 19) 1,1-Dichloroethane | 3.182 | 63 | 4083 | 0.143 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 3.896 | 96 | 2107 | 0.116 | ug/L | 95 |
| 35) Methylcyclohexane | 6.059 | 83 | 22843 | 0.761 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.056 | 63 | 9730 | 0.592 | ug/L # | 85 |
| 39) cis-1,3-Dichloropropene | 6.976 | 75 | 2076 | 0.094 | ug/L # | 40 |
| 53) m,p-Xylene | 9.130 | 106 | 2178 | 0.069 | ug/L | 95 |
| 61) 1,2,3-Trichloropropane | 11.236 | 75 | 12405 | 1.544 | ug/L # | 66 |
| 71) Naphthalene | 13.493 | 128 | 2807 | 0.098 | ug/L # | 82 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029868.D
Acq On : 16 Jan 2023 11:30
Operator : SY/MD
Sample : 01136-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Quant Time: Jan 17 00:37:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

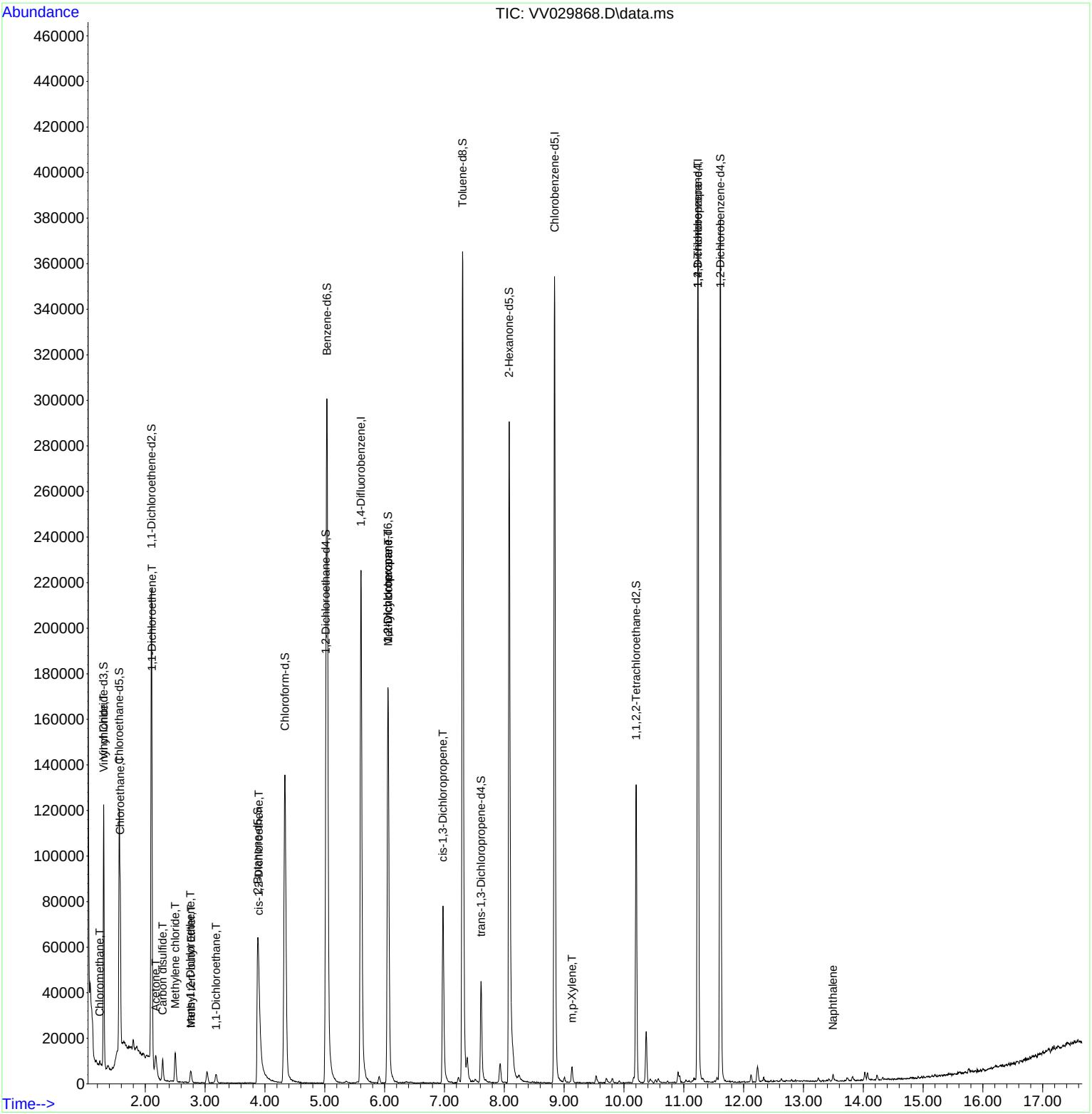
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

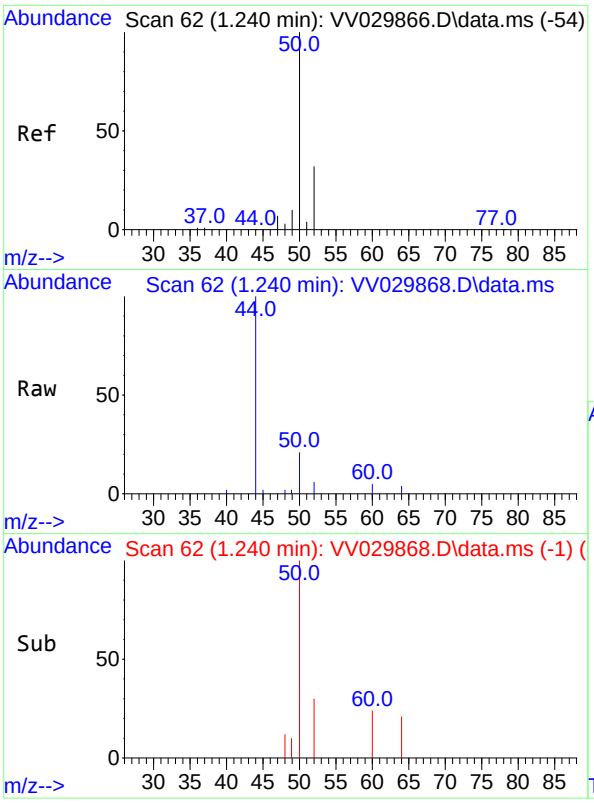
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029868.D
Acq On : 16 Jan 2023 11:30
Operator : SY/MD
Sample : 01136-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Quant Time: Jan 17 00:37:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration



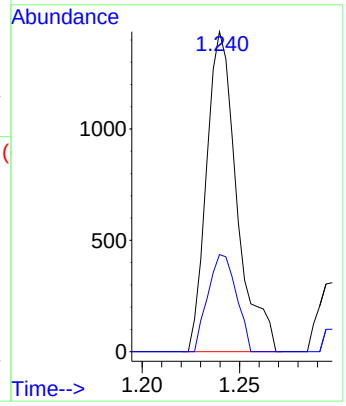


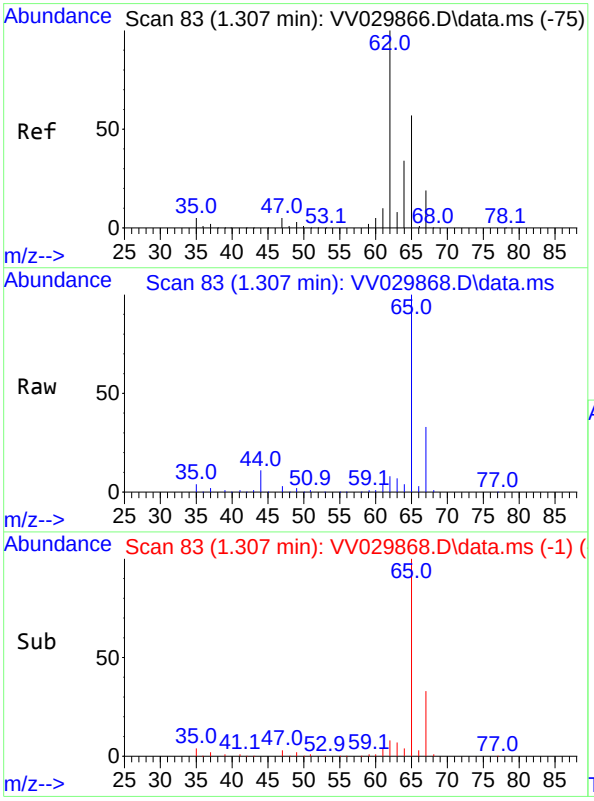

#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion: 50 Resp: 1553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.3 | 23.1 | 42.9 |

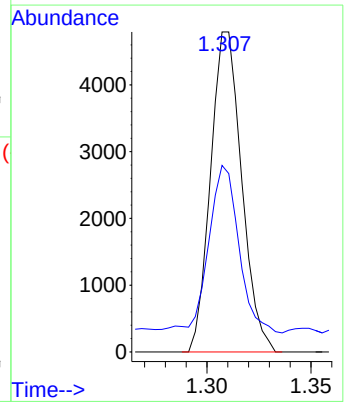


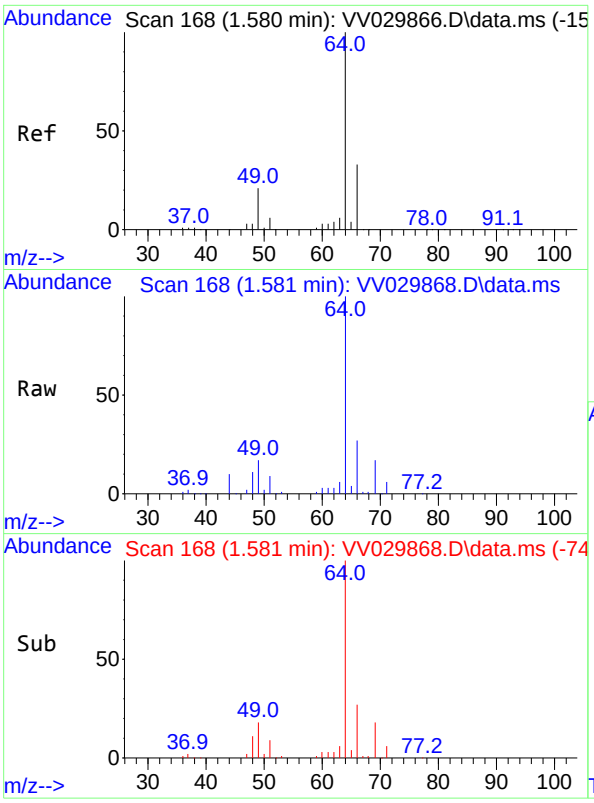




#5
Vinyl chloride
Concen: 0.241 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 62 Resp: 4980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 58.3 | 23.2 | 43.2# |



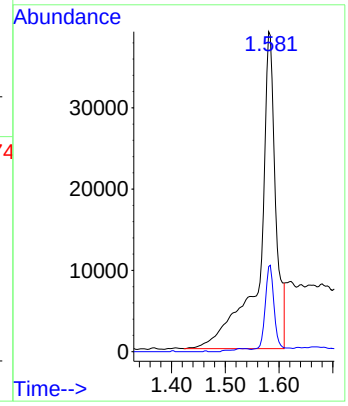


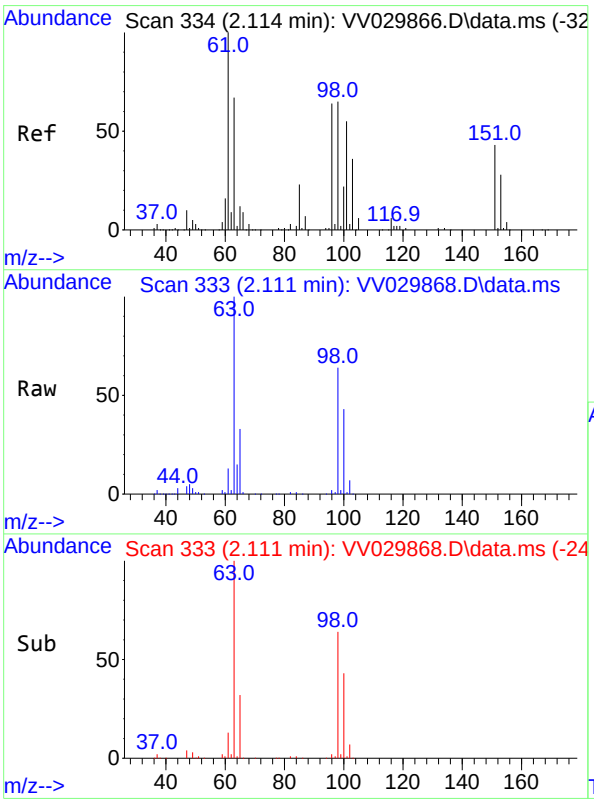

#8
Chloroethane
Concen: 6.479 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion: 64 Resp: 81336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 26.6 | 22.9 | 42.5 |

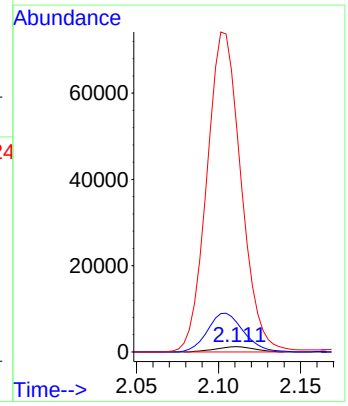


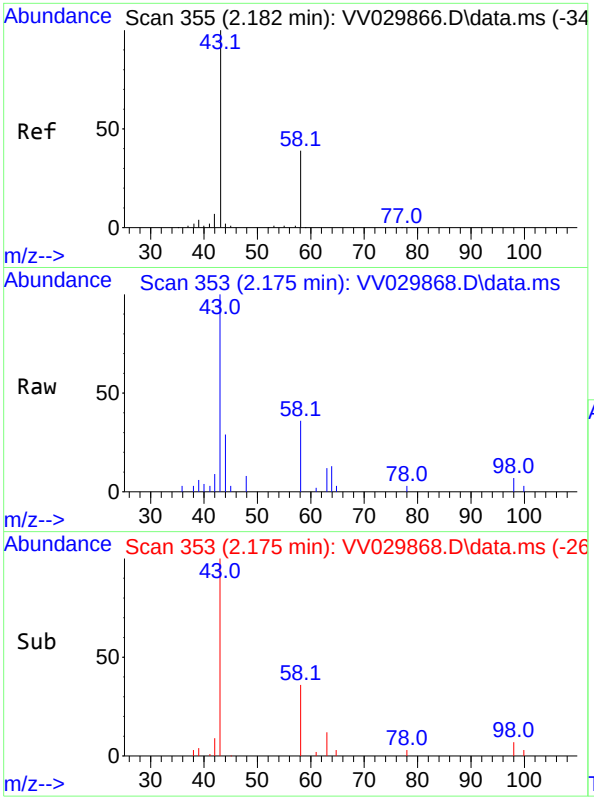




#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 96 Resp: 2005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 553.5 | 106.1 | 197.1# |
| 63 | 4209.2 | 76.4 | 141.8# |



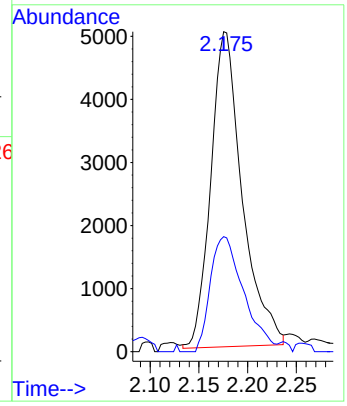


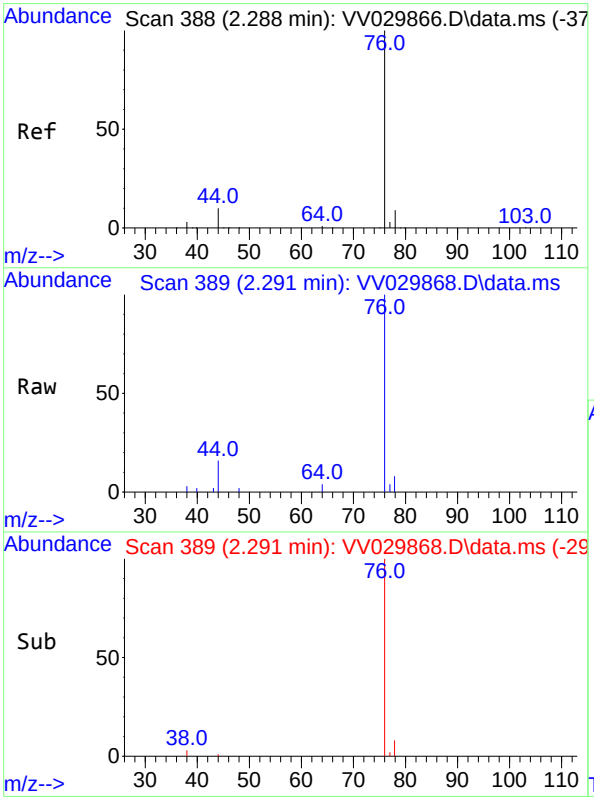

#13
Acetone
Concen: 5.422 ug/L
RT: 2.175 min Scan# 3
Delta R.T. -0.023 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion: 43 Resp: 11207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.8 | 0.0 | 68.8 |

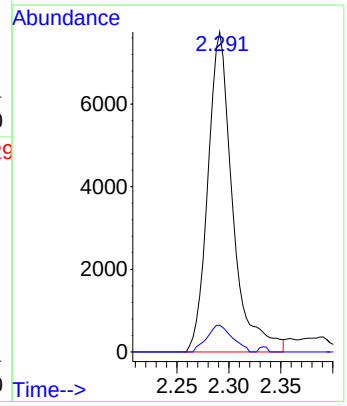


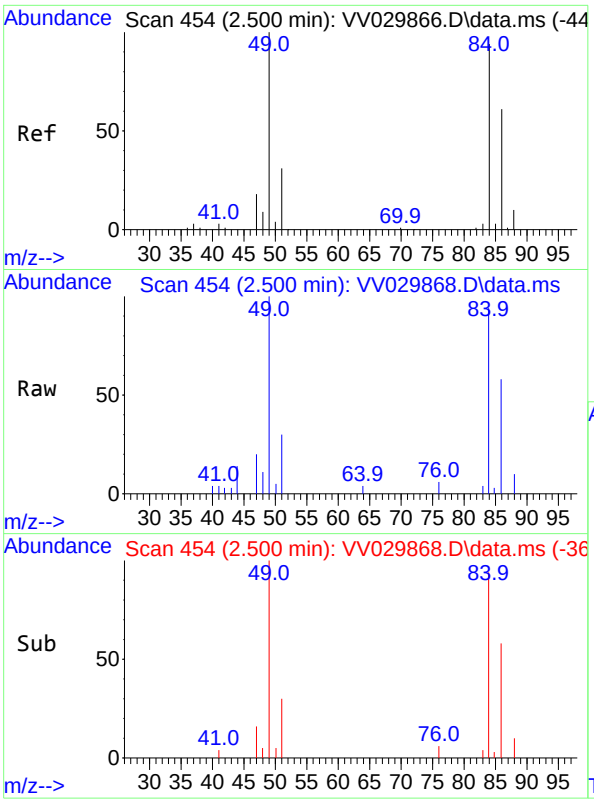




#14
Carbon disulfide
Concen: 0.241 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 76 Resp: 12787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.3 | 7.4 | 11.0 |



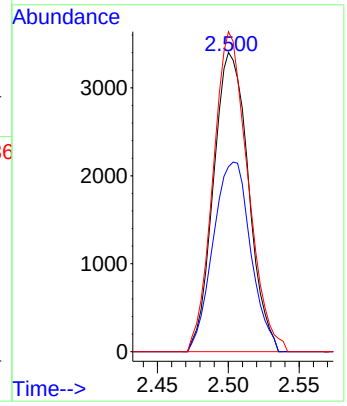


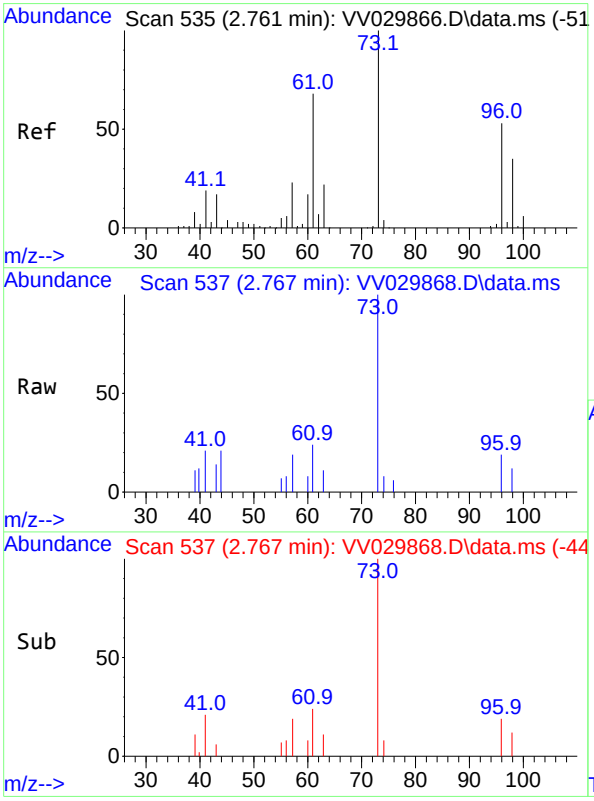

#16
Methylene chloride
Concen: 0.255 ug/L
RT: 2.500 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion: 84 Resp: 5834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 61.8 | 45.0 | 83.6 |
| 49 | 106.9 | 71.5 | 132.7 |

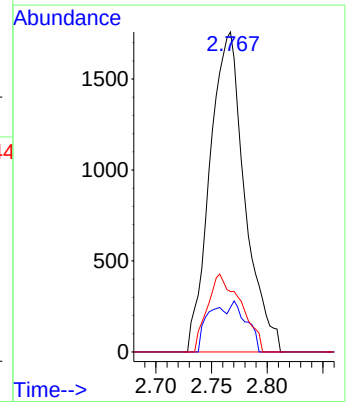


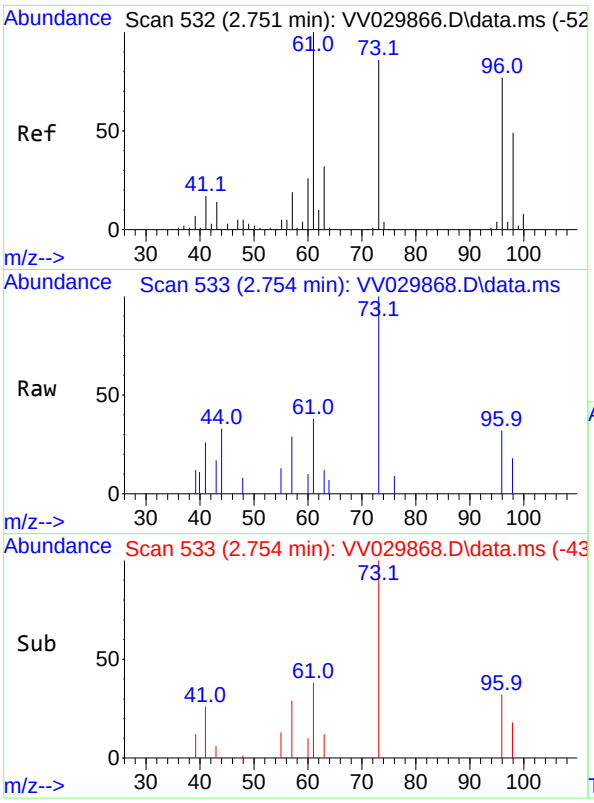




#17
Methyl tert-butyl Ether
Concen: 0.120 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 73 Resp: 3828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 7.8 | 13.0 | 19.4# |
| 57 | 0.0 | 17.1 | 25.7# |



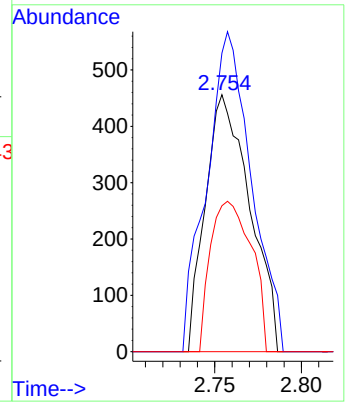


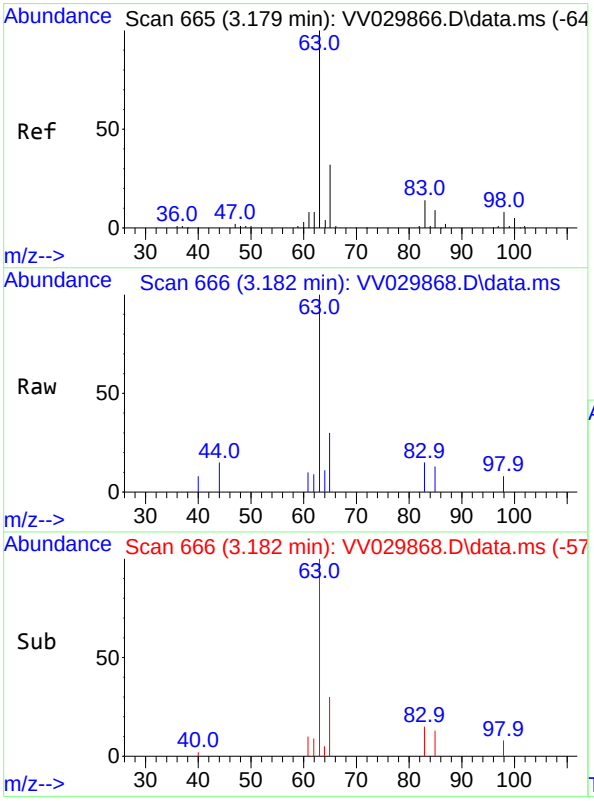

#18
trans-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 2.754 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion: 96 Resp: 815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 116.2 | 86.1 | 159.9 |
| 98 | 56.8 | 43.9 | 81.5 |

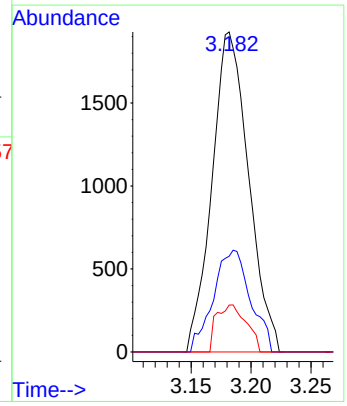


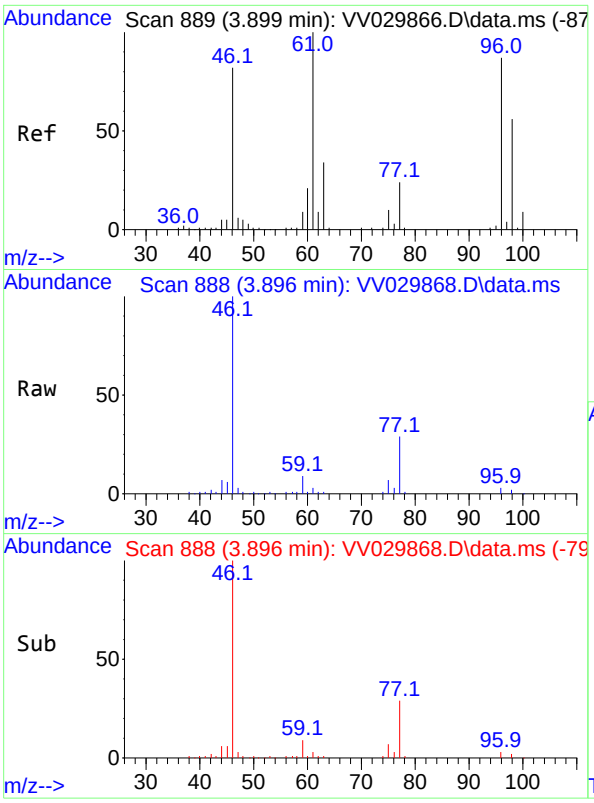




#19
1,1-Dichloroethane
Concen: 0.143 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 63 Resp: 4083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.9 | 22.4 | 41.6 |
| 83 | 14.6 | 10.2 | 19.0 |



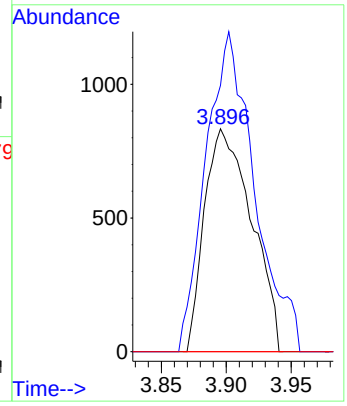


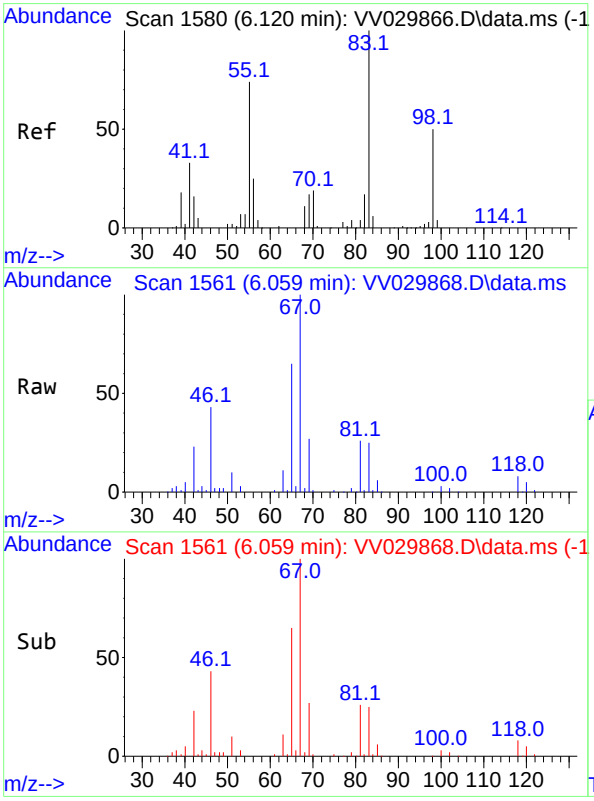

#22
cis-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 3.896 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion: 96 Resp: 2107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 119.4 | 80.0 | 148.6 |
| 68 | 0.0 | 0.0 | 0.0 |

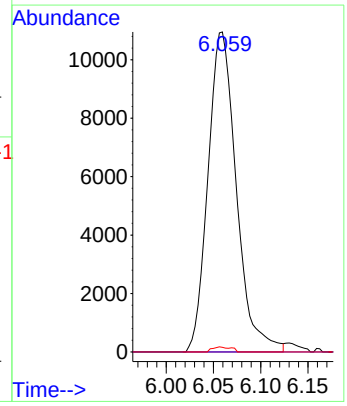


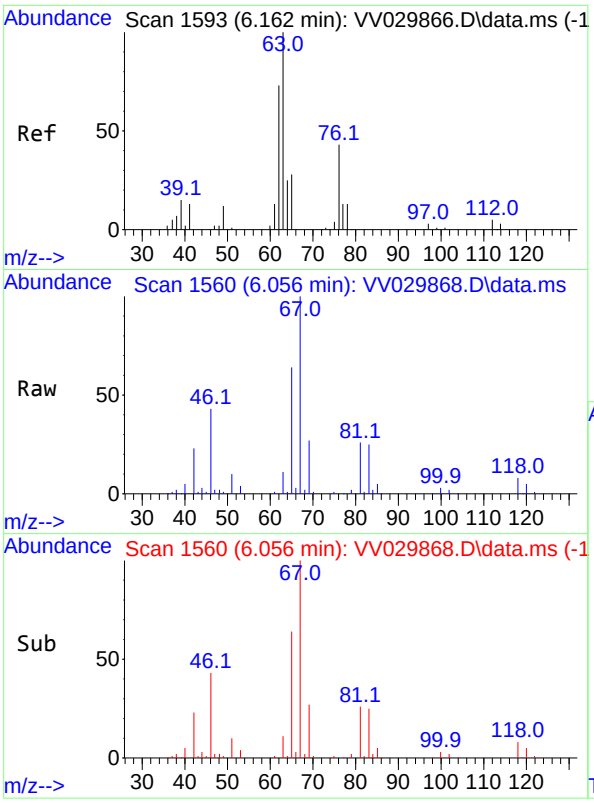




#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 83 Resp: 22843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 57.3 | 85.9# |
| 98 | 1.0 | 39.0 | 58.6# |



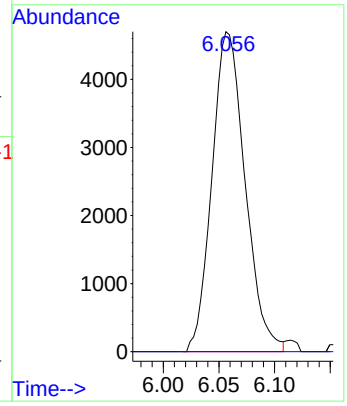


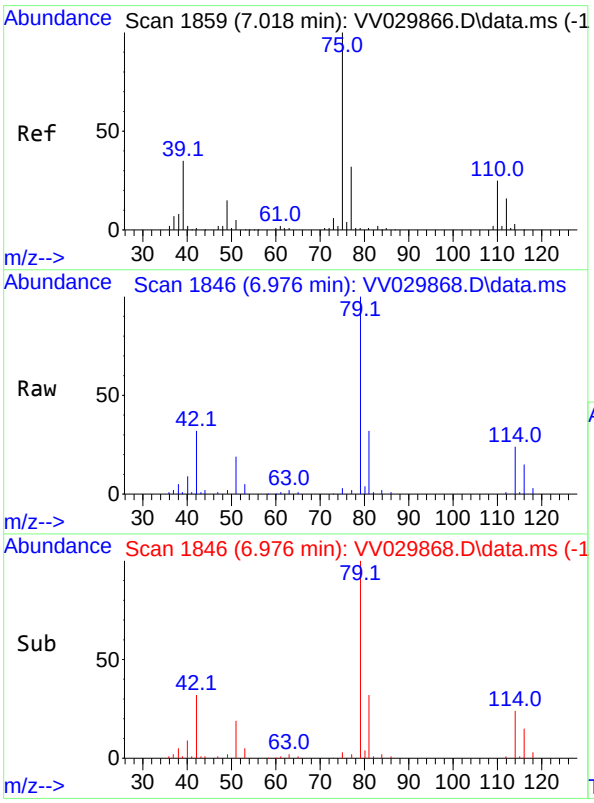

#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.056 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion: 63 Resp: 9730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.9 | 5.9# |

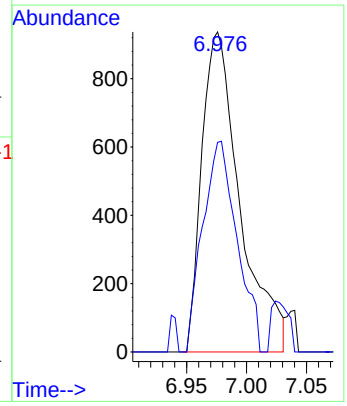


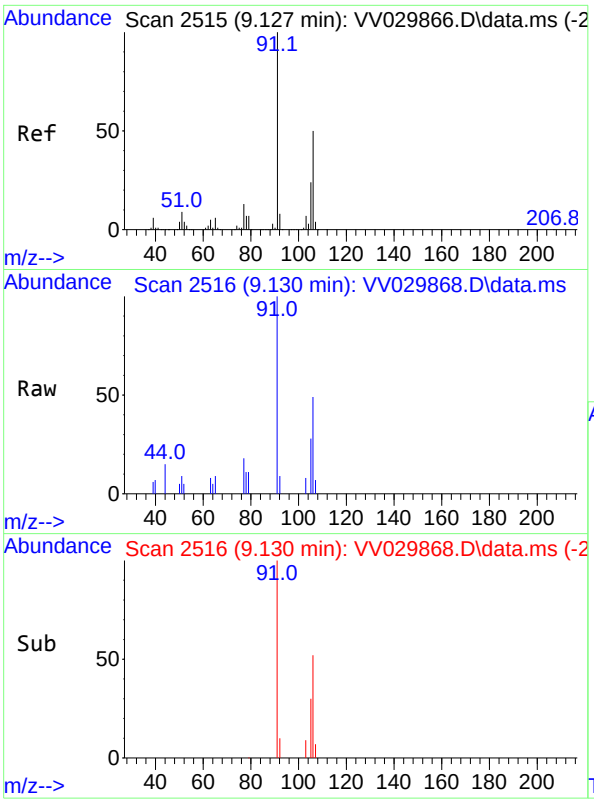




#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.976 min Scan# 1846
Delta R.T. -0.042 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 75 Resp: 2076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 65.5 | 22.4 | 41.6# |



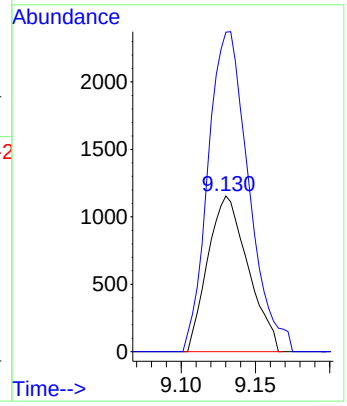


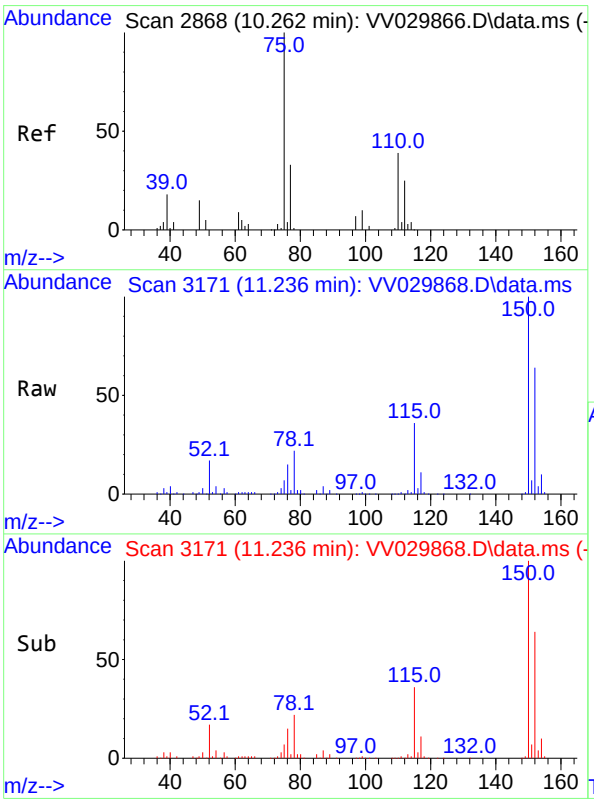

#53
m,p-Xylene
Concen: 0.069 ug/L
RT: 9.130 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion:106 Resp: 2178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.1 | 138.7 | 257.7 |

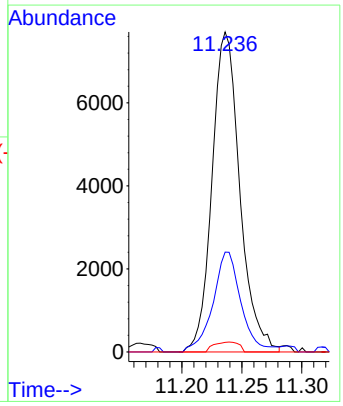


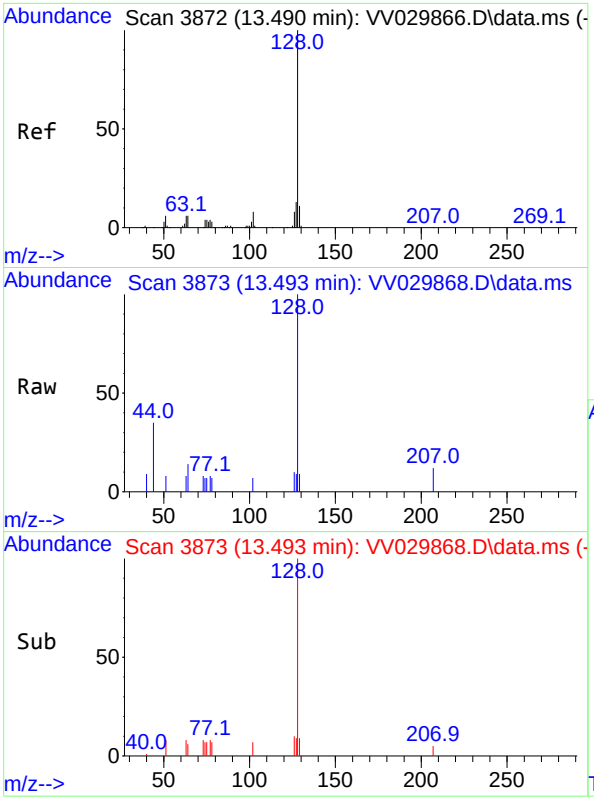




#61
1,2,3-Trichloropropane
Concen: 1.544 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

Tgt Ion: 75 Resp: 12405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 26.5 | 39.7 |
| 110 | 2.8 | 31.8 | 47.8# |






#71
Naphthalene
Concen: 0.098 ug/L
RT: 13.493 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV029868.D
Acq: 16 Jan 2023 11:30

**Instrument :**
MSVOA_V
**ClientSampleId :**
BGJB4

Tgt Ion:128 Resp: 2807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 4.4 | 8.6 | 12.8# |
| 127 | 5.2 | 10.0 | 15.0# |