Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028968.D
Acq On : 15 Nov 2022 03:48
Operator : SY/MD
Sample : N5604-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Quant Time: Nov 15 05:38:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.613 | 114 | 284981 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 258275 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.243 | 152 | 123458 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 57771 | 3.325 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 66.600% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 54786 | 3.587 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 71.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 81426 | 2.572 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 51.400%# | | | |
| 20) 2-Butanone-d5 | 3.896 | 46 | 121941 | 41.929 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 83.860% | | | |
| 24) Chloroform-d | 4.343 | 84 | 150271 | 4.213 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 68150 | 4.246 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 85.000% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 308797 | 4.006 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 80.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 91811 | 4.265 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 85.200% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 273280 | 3.938 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 78.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 21016 | 2.993 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 59.800% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 119203 | 39.776 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 79.560% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 61358 | 4.111 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 82.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.616 | 152 | 101657 | 4.602 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 92.000% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.220 | 50 | 37588 | 1.906 | ug/L # | 41 |
| 5) Vinyl chloride | 1.311 | 62 | 387596 | 17.234 | ug/L # | 10 |
| 8) Chloroethane | 1.311 | 64 | 140950 | 10.666 | ug/L # | 49 |
| 12) 1,1-Dichloroethene | 2.118 | 96 | 2685 | 0.156 | ug/L # | 1 |
| 13) Acetone | 2.185 | 43 | 7272 | 3.887 | ug/L | 96 |
| 14) Carbon disulfide | 2.294 | 76 | 12122 | 0.198 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.761 | 96 | 7115 | 0.356 | ug/L | 92 |
| 19) 1,1-Dichloroethane | 3.191 | 63 | 3451 | 0.106 | ug/L | 93 |
| 22) cis-1,2-Dichloroethene | 3.905 | 96 | 85739 | 4.215 | ug/L | 95 |
| 33) Benzene | 5.105 | 78 | 4656 | 0.059 | ug/L | 100 |
| 35) Methylcyclohexane | 6.066 | 83 | 23554 | 0.663 | ug/L # | 21 |
| 37) 1,2-Dichloropropane | 6.066 | 63 | 9764 | 0.536 | ug/L # | 85 |
| 39) cis-1,3-Dichloropropene | 6.986 | 75 | 1754 | 0.069 | ug/L | 89 |
| 53) m,p-Xylene | 9.143 | 106 | 1158 | 0.033 | ug/L | 91 |
| 61) 1,2,3-Trichloropropane | 11.243 | 75 | 12737 | 1.510 | ug/L # | 64 |

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

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Misc : 25.0mL/MSVOA_V/WATER
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**Instrument :**
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H46C7

Quant Time: Nov 15 05:38:24 2022
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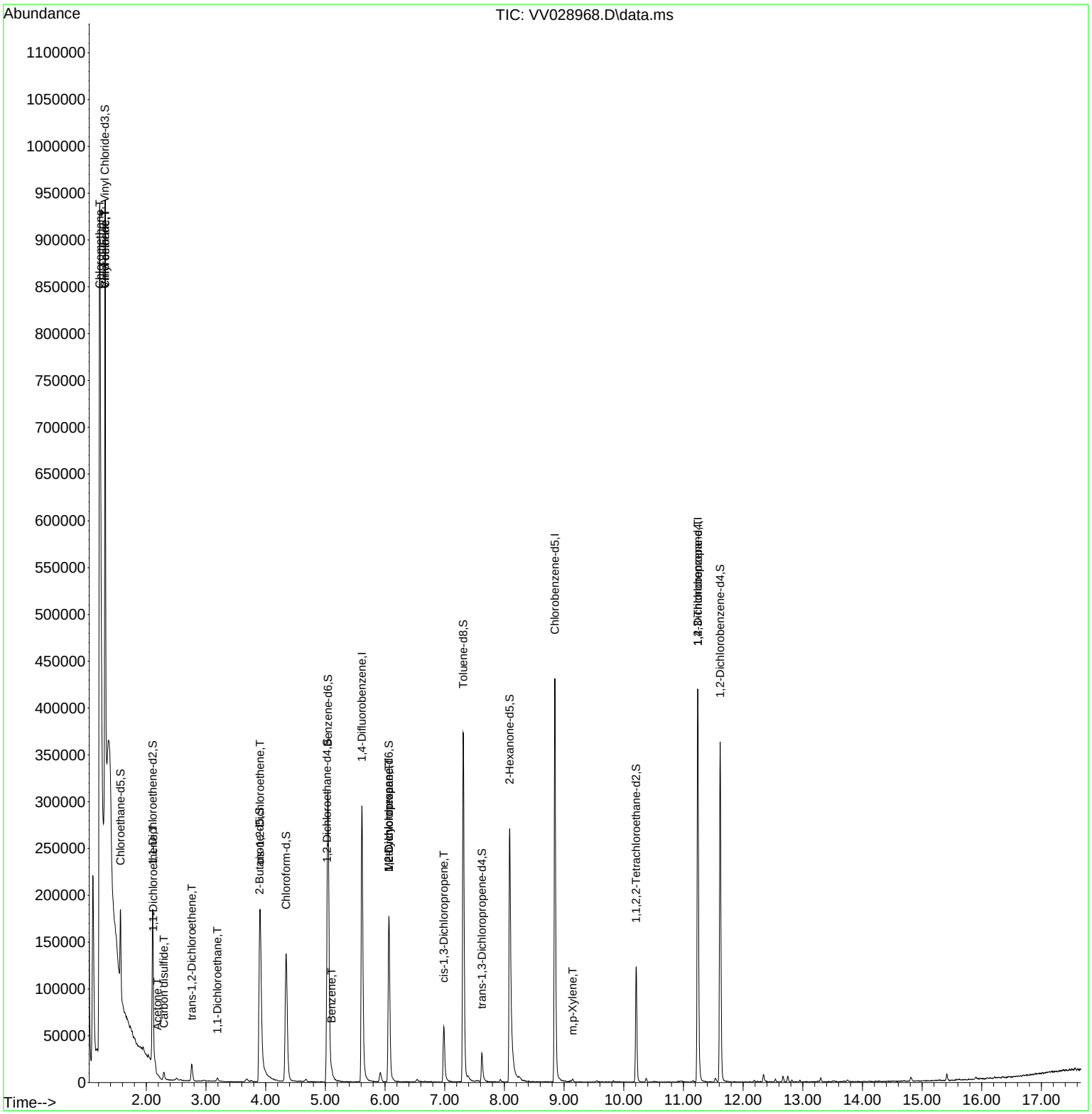
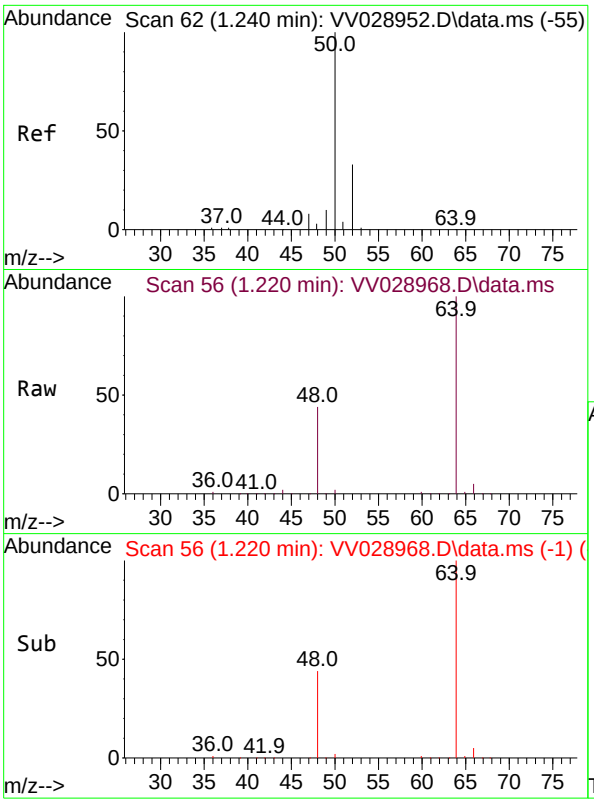
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration



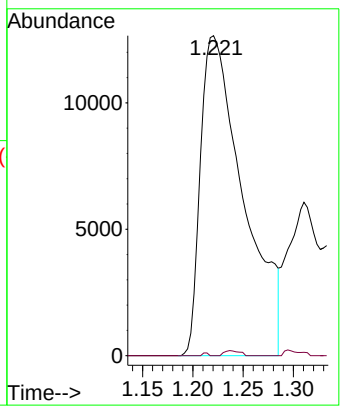


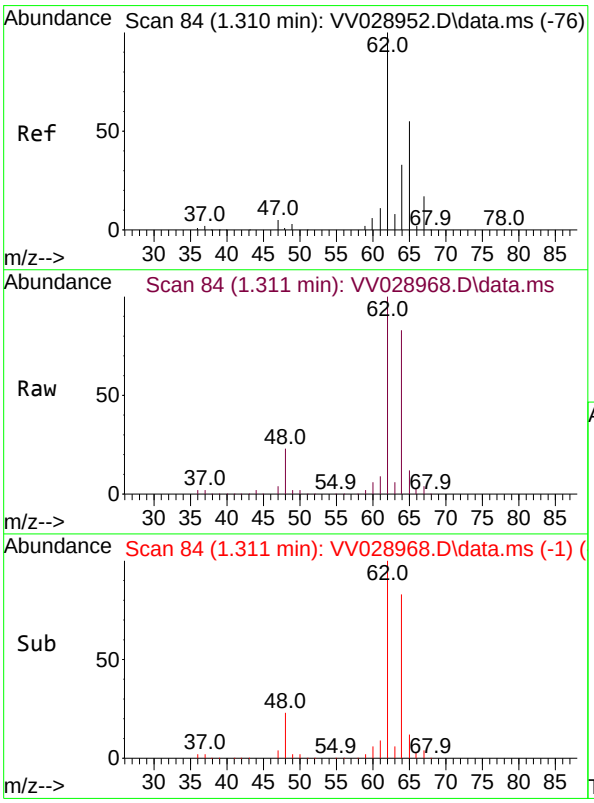

#3
Chloromethane
Concen: 1.906 ug/L
RT: 1.220 min Scan# 5
Delta R.T. -0.019 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 50 Resp: 37588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 0.0 | 23.7 | 43.9# |

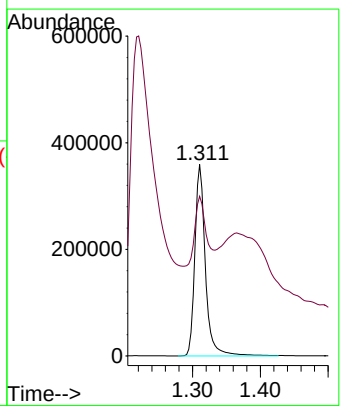


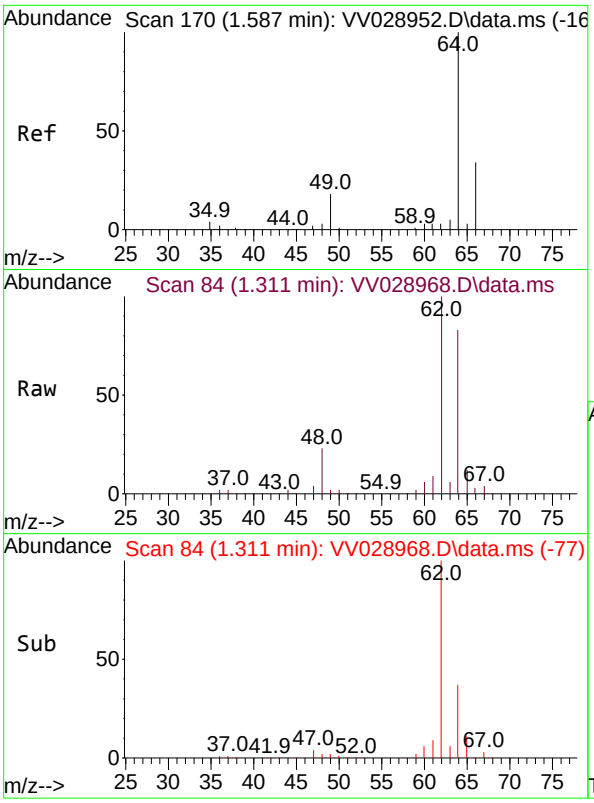




#5
Vinyl chloride
Concen: 17.234 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

Tgt Ion: 62 Resp: 387596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 83.4 | 22.8 | 42.4# |



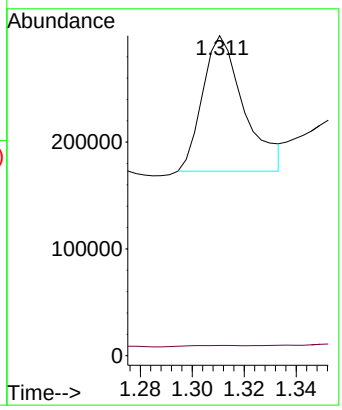


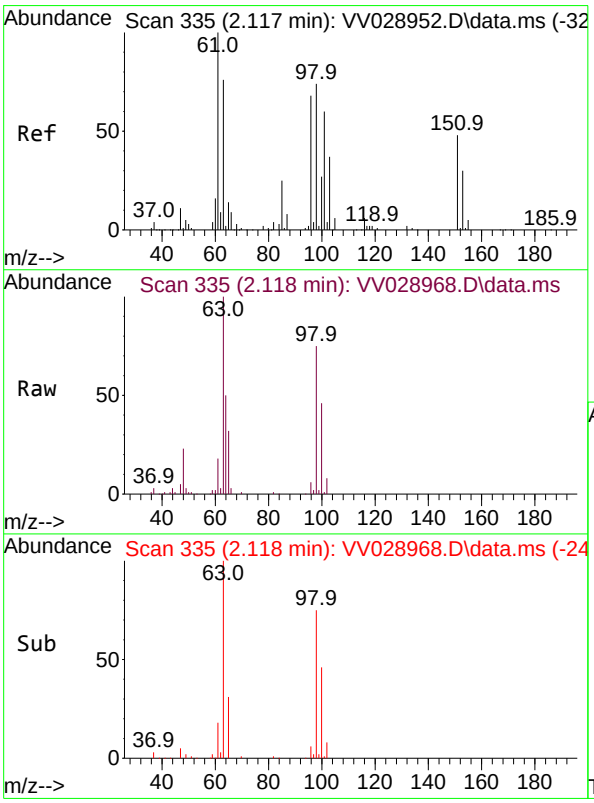

#8
Chloroethane
Concen: 10.666 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.276 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 64 Resp: 140950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 3.2 | 22.0 | 40.8# |

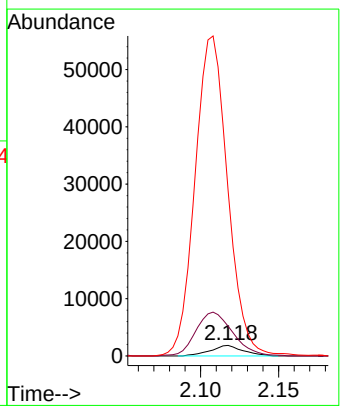


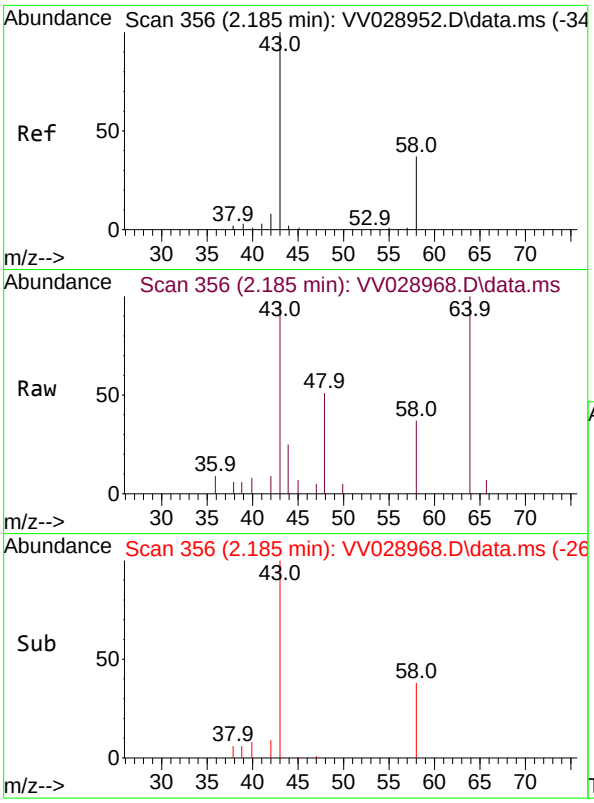




#12
1,1-Dichloroethene
Concen: 0.156 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

Tgt Ion: 96 Resp: 2685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 281.3 | 104.2 | 193.4# |
| 63 | 1561.1 | 75.9 | 140.9# |



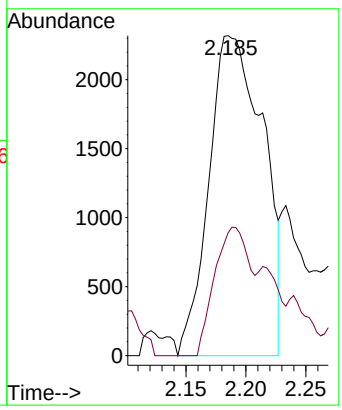


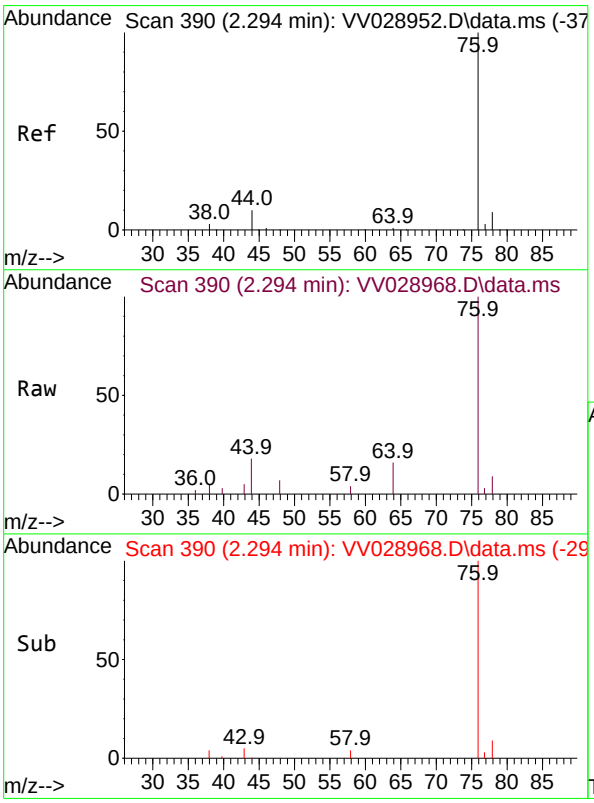

#13
Acetone
Concen: 3.887 ug/L
RT: 2.185 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 43 Resp: 7272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.1 | 0.0 | 56.6 |

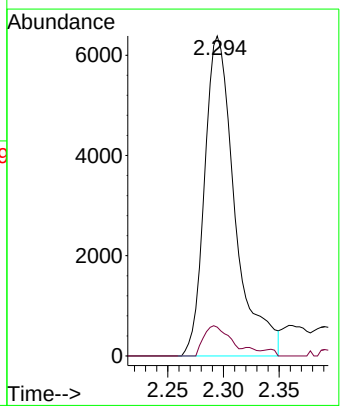


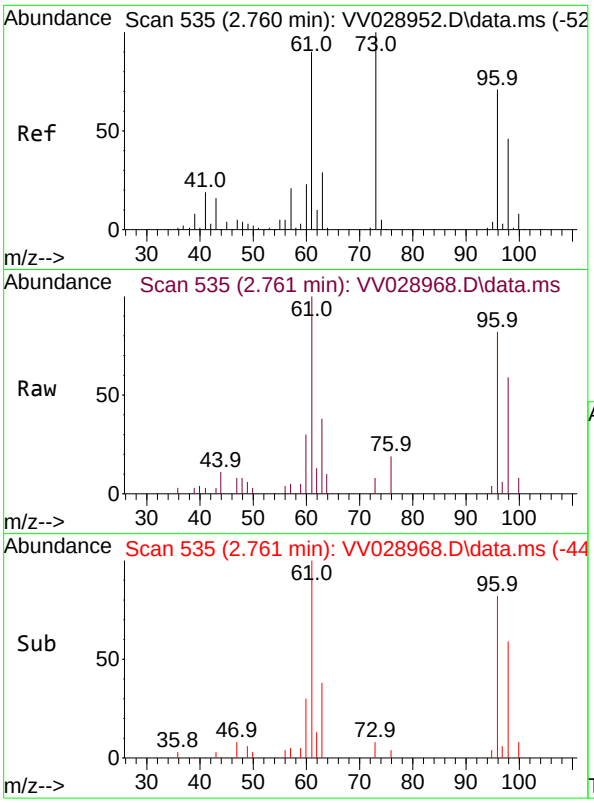




#14
Carbon disulfide
Concen: 0.198 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

Tgt Ion: 76 Resp: 12122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.4 | 11.2 |



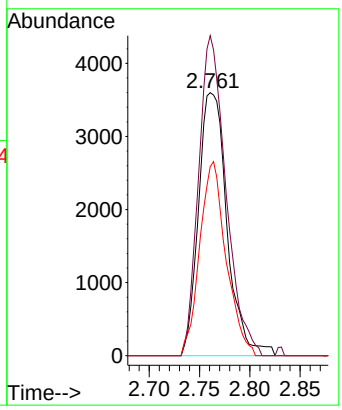


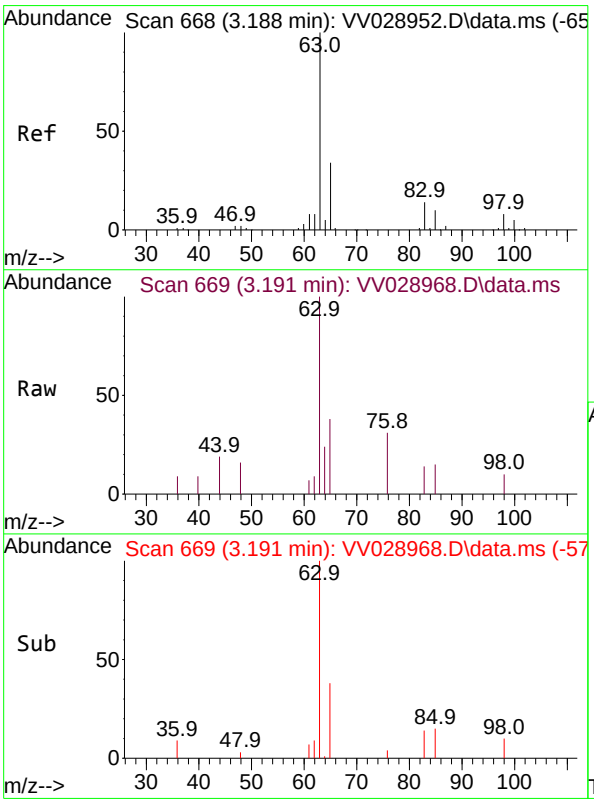

#18
trans-1,2-Dichloroethene
Concen: 0.356 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 96 Resp: 7115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 121.6 | 91.8 | 170.6 |
| 98 | 71.8 | 46.4 | 86.2 |

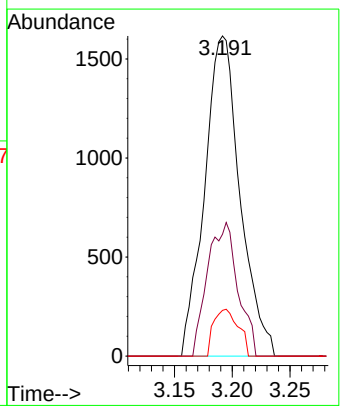


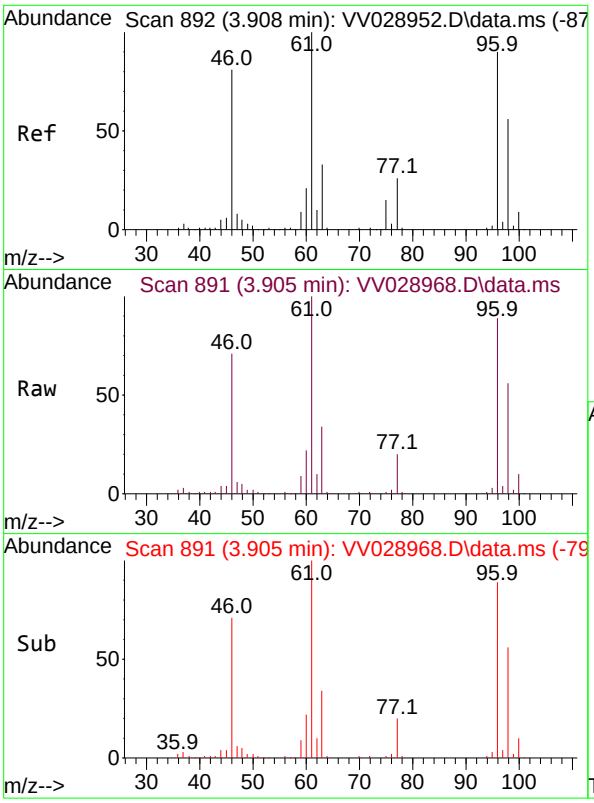




#19
1,1-Dichloroethane
Concen: 0.106 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

Tgt Ion: 63 Resp: 3451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 38.1 | 23.0 | 42.6 |
| 83 | 14.3 | 9.4 | 17.6 |



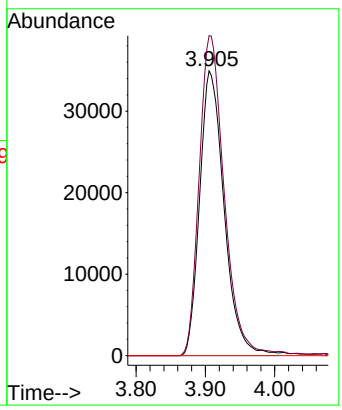


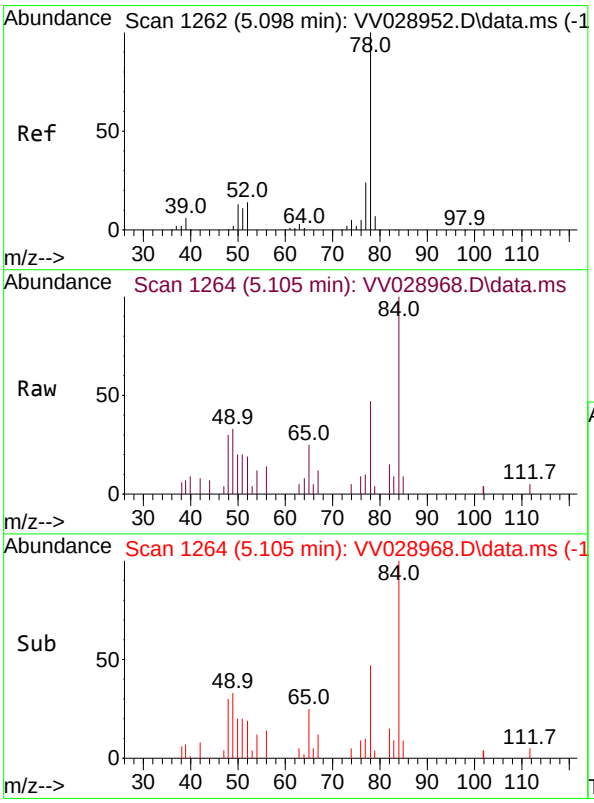

#22
cis-1,2-Dichloroethene
Concen: 4.215 ug/L
RT: 3.905 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 96 Resp: 85739

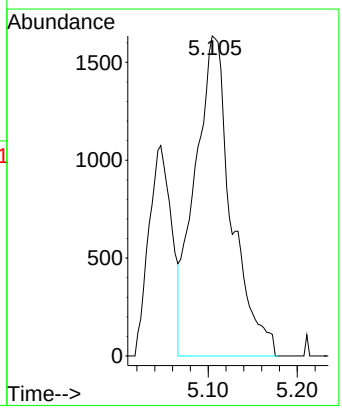
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 112.3 | 82.3 | 152.9 |
| 68 | 0.0 | 0.0 | 0.0 |

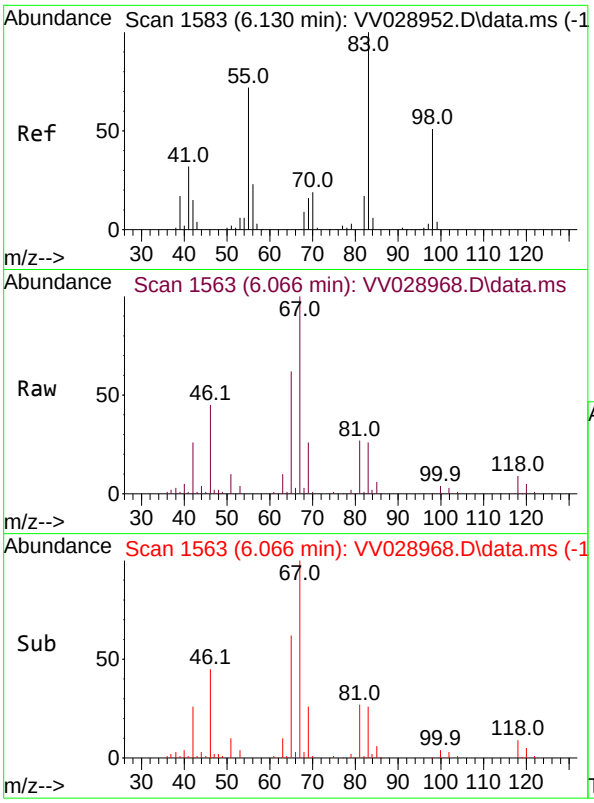



#33
Benzene
Concen: 0.059 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

Tgt Ion: 78 Resp: 4656



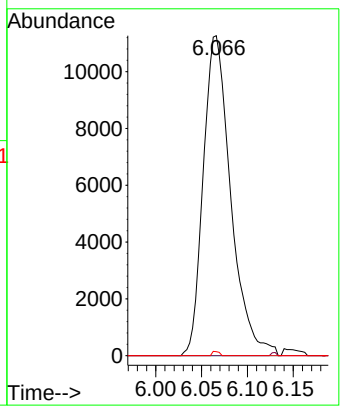


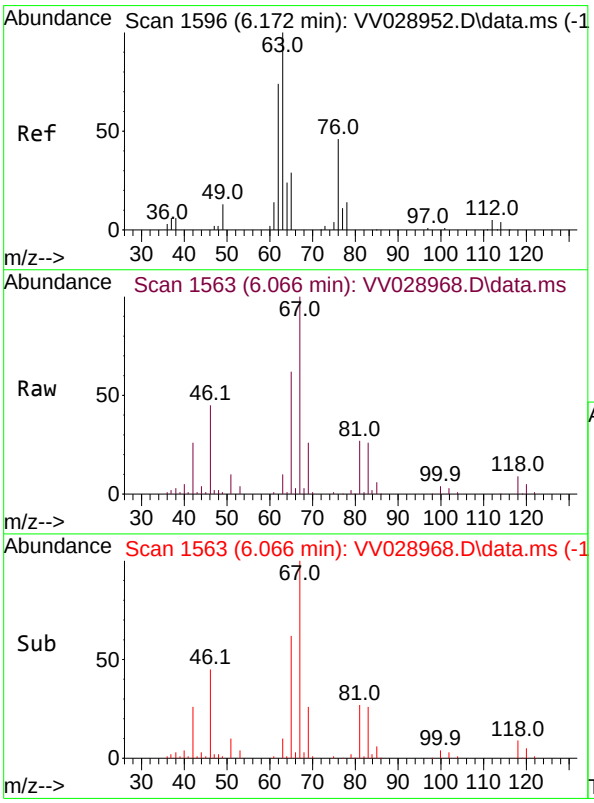

#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 83 Resp: 23554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 55.8 | 83.6# |
| 98 | 0.3 | 38.2 | 57.2# |

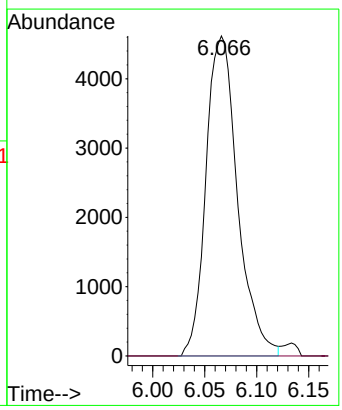


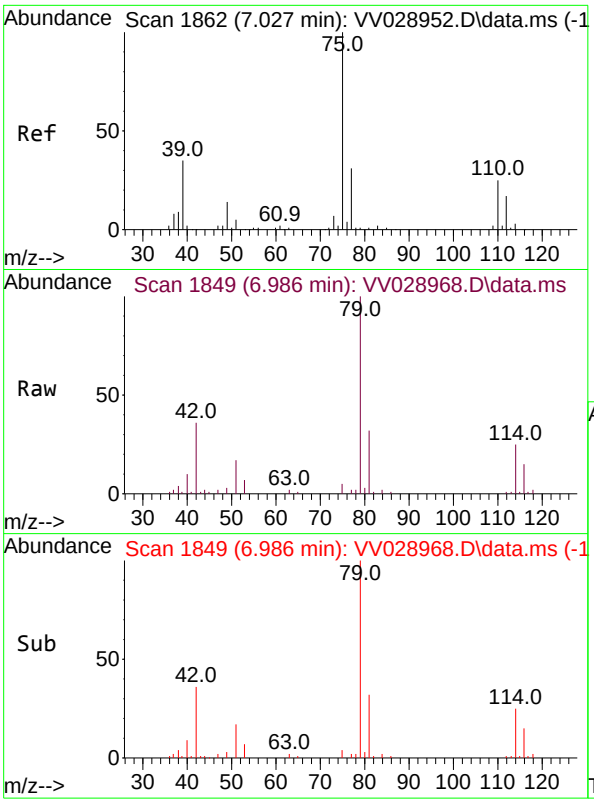




#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

Tgt Ion: 63 Resp: 9764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.0 | 6.0# |



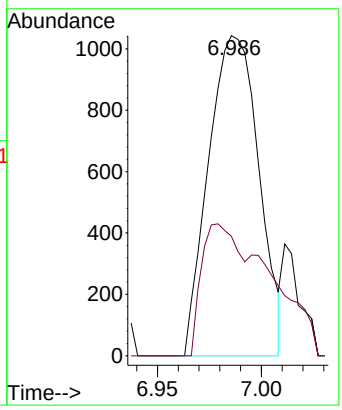


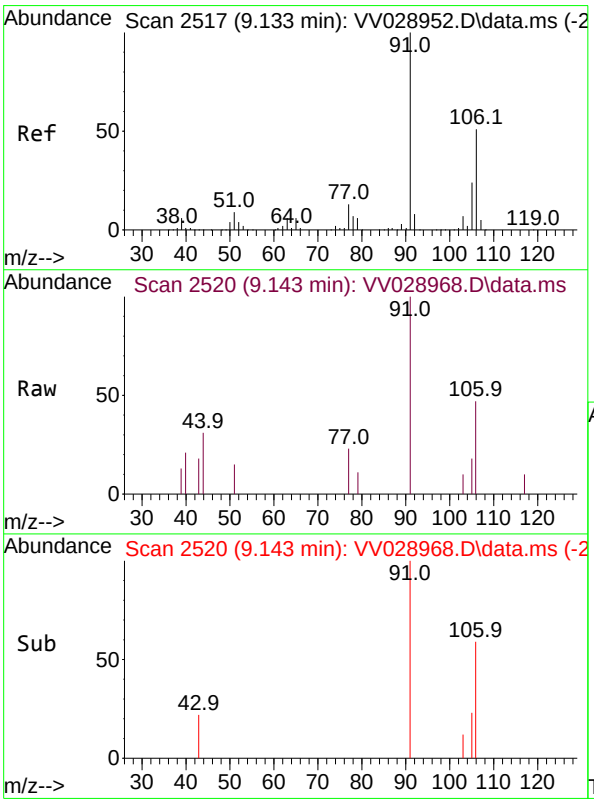

#39
cis-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 6.986 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 75 Resp: 1754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.4 | 21.8 | 40.6 |

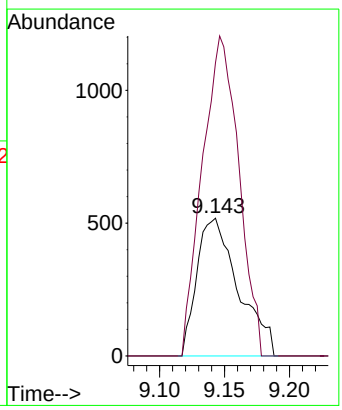


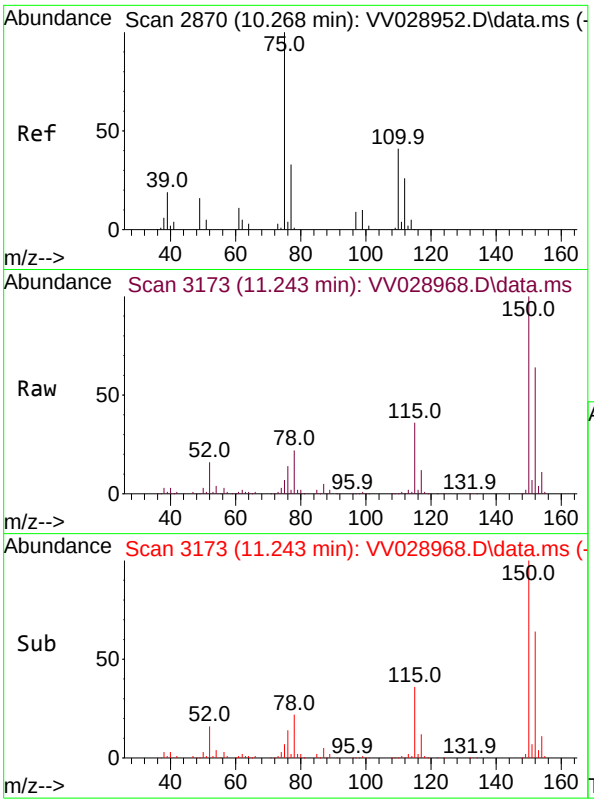




#53
m,p-Xylene
Concen: 0.033 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

Tgt Ion:106 Resp: 1158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.7 | 139.1 | 258.3 |






#61
1,2,3-Trichloropropane
Concen: 1.510 ug/L
RT: 11.243 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV028968.D
Acq: 15 Nov 2022 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
H46C7

Tgt Ion: 75 Resp: 12737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.4 | 26.2 | 39.2 |
| 110 | 2.8 | 32.6 | 48.8# |