Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027714.D
Acq On : 02 Sep 2022 11:10
Operator : SY/MD
Sample : N4370-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Sep 03 04:16:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 02 03:03:49 2022
Response via : Initial Calibration

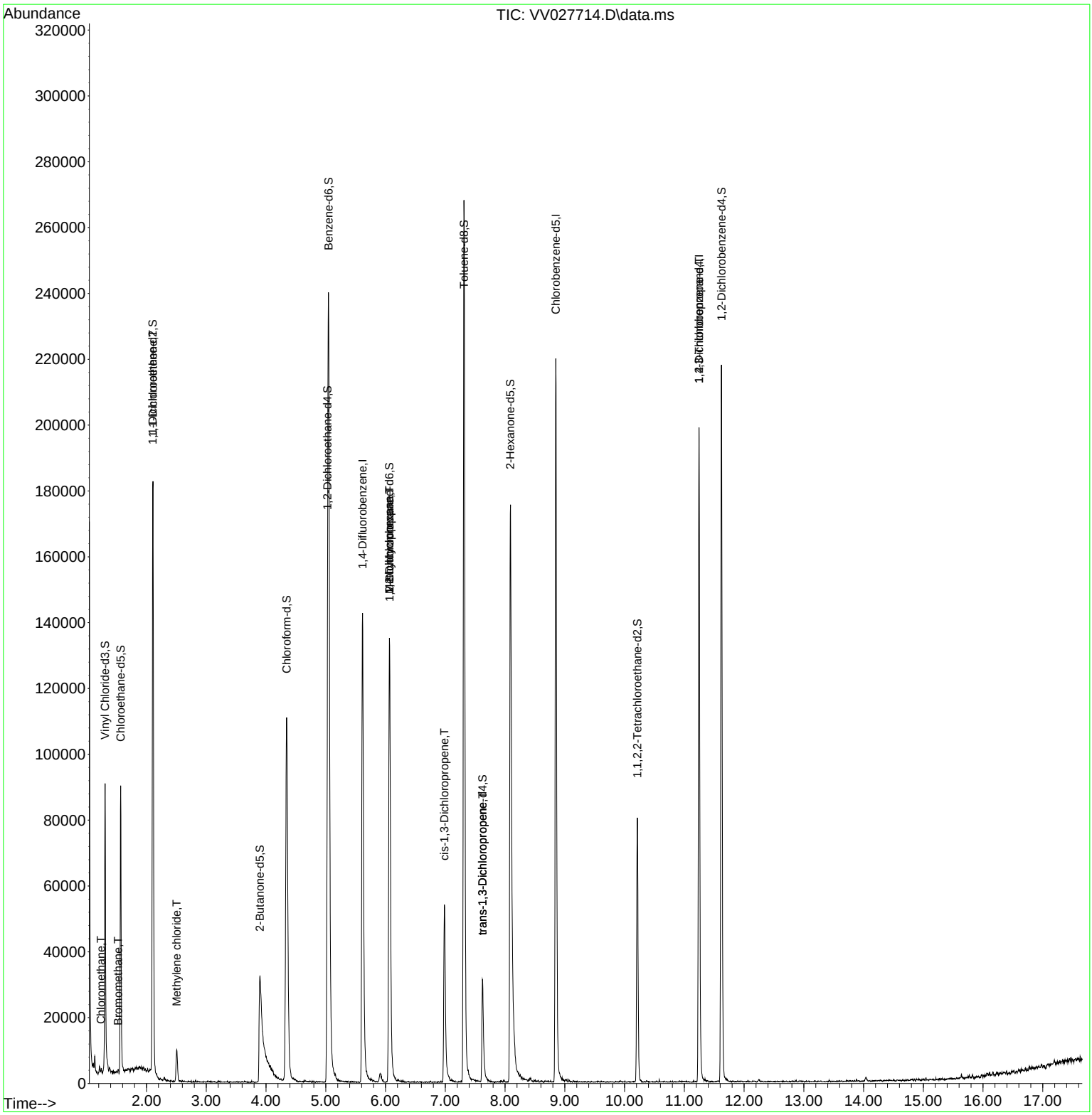
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.616 | 114 | 125096 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 122820 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 52456 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 62817 | 4.622 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.400% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 52401 | 4.609 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 92.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 97186 | 3.654 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.000% | | | |
| 20) 2-Butanone-d5 | 3.899 | 46 | 79074 | 34.414 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 68.820% | | | |
| 24) Chloroform-d | 4.346 | 84 | 116453 | 4.268 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.030 | 65 | 55627 | 4.552 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.000% | | | |
| 32) Benzene-d6 | 5.047 | 84 | 223795 | 4.448 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 63689 | 4.093 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 81.800% | | | |
| 41) Toluene-d8 | 7.313 | 98 | 179196 | 4.113 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 82.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 19159 | 3.997 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 80.000% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 67562 | 37.477 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 74.960% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 37609 | 3.756 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 75.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 57087 | 4.861 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.240 | 50 | 728 | 0.045 | ug/L | 87 |
| 6) Bromomethane | 1.523 | 94 | 426 | 0.058 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.108 | 96 | 911 | 0.087 | ug/L # | 1 |
| 16) Methylene chloride | 2.503 | 84 | 3874 | 0.294 | ug/L | 97 |
| 35) Methylcyclohexane | 6.066 | 83 | 16146 | 0.884 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.069 | 63 | 7970 | 0.659 | ug/L # | 89 |
| 39) cis-1,3-Dichloropropene | 6.985 | 75 | 1431 | 0.097 | ug/L # | 33 |
| 44) trans-1,3-Dichloropropene | 7.622 | 75 | 912 | 0.076 | ug/L # | 43 |
| 61) 1,2,3-Trichloropropane | 11.246 | 75 | 5852 | 1.103 | ug/L # | 64 |

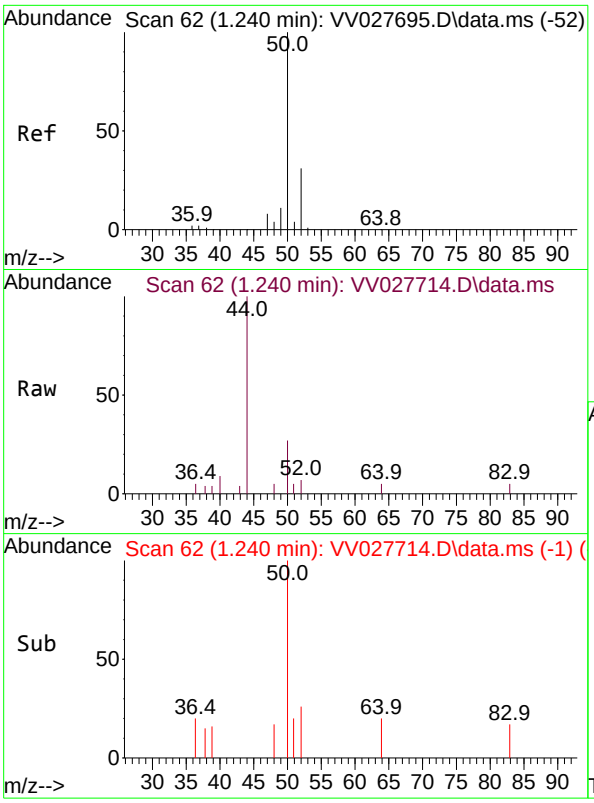
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027714.D
Acq On : 02 Sep 2022 11:10
Operator : SY/MD
Sample : N4370-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Sep 03 04:16:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 02 03:03:49 2022
Response via : Initial Calibration



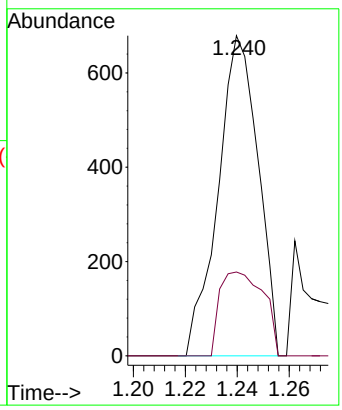


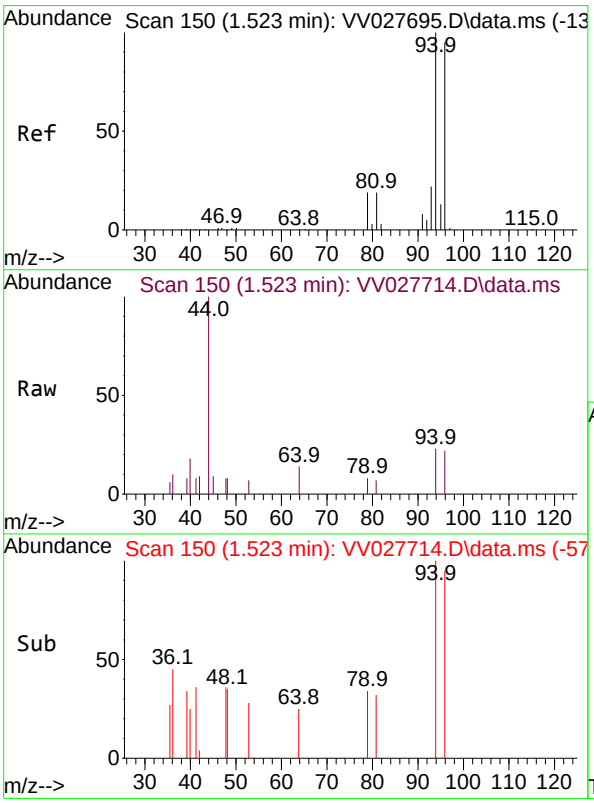

#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

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

Tgt Ion: 50 Resp: 728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 26.2 | 23.5 | 43.7 |

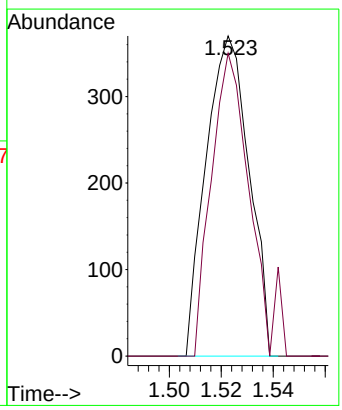


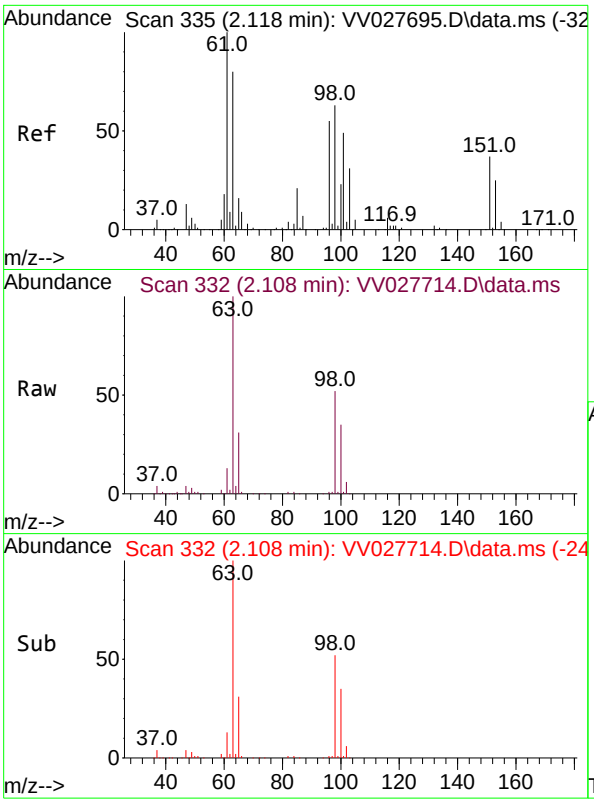




#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

Tgt Ion: 94 Resp: 426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.6 | 65.1 | 120.9 |



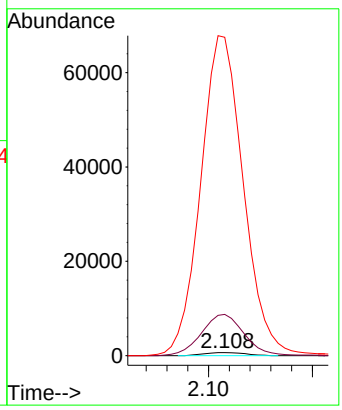


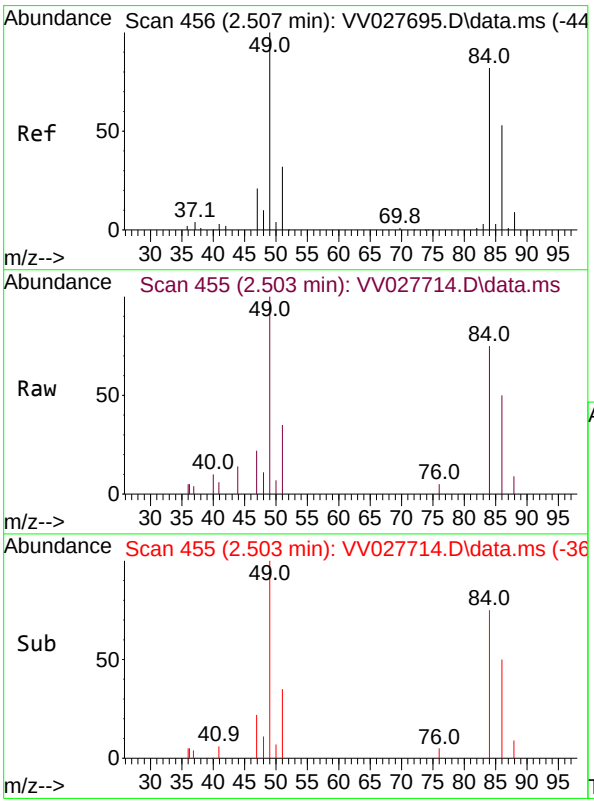

#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.108 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

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

Tgt Ion: 96 Resp: 911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1370.1 | 134.3 | 249.3# |
| 63 | 10560.3 | 105.7 | 196.3# |

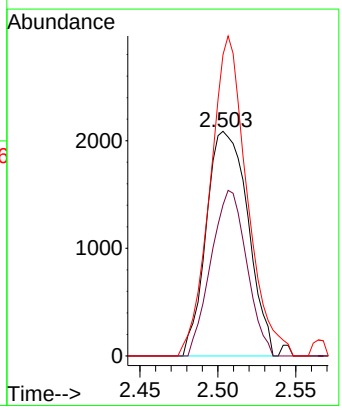


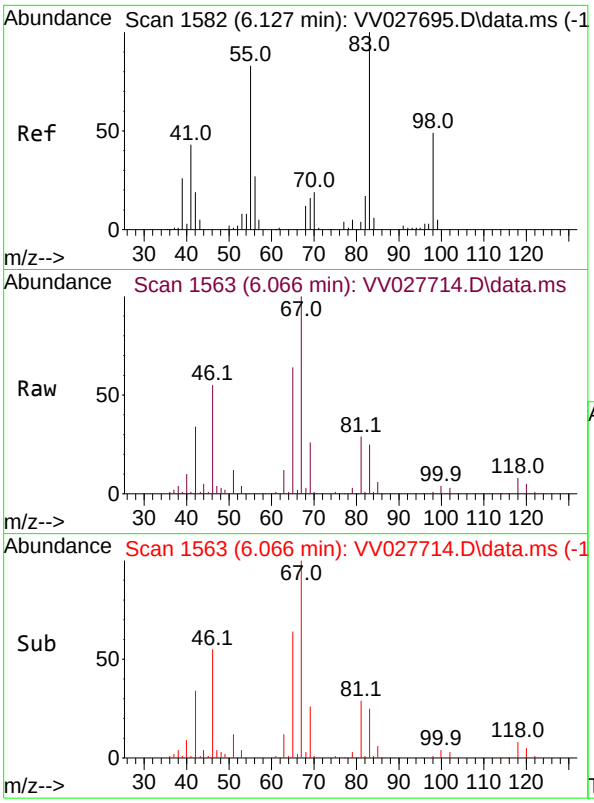




#16
Methylene chloride
Concen: 0.294 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

Tgt Ion: 84 Resp: 3874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 67.2 | 43.9 | 81.5 |
| 49 | 134.1 | 92.5 | 171.7 |



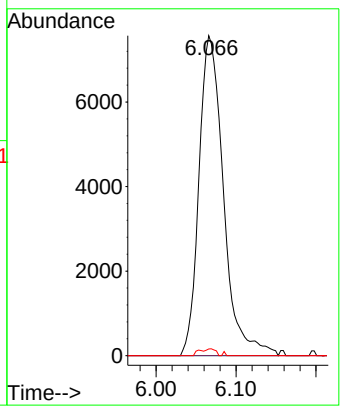


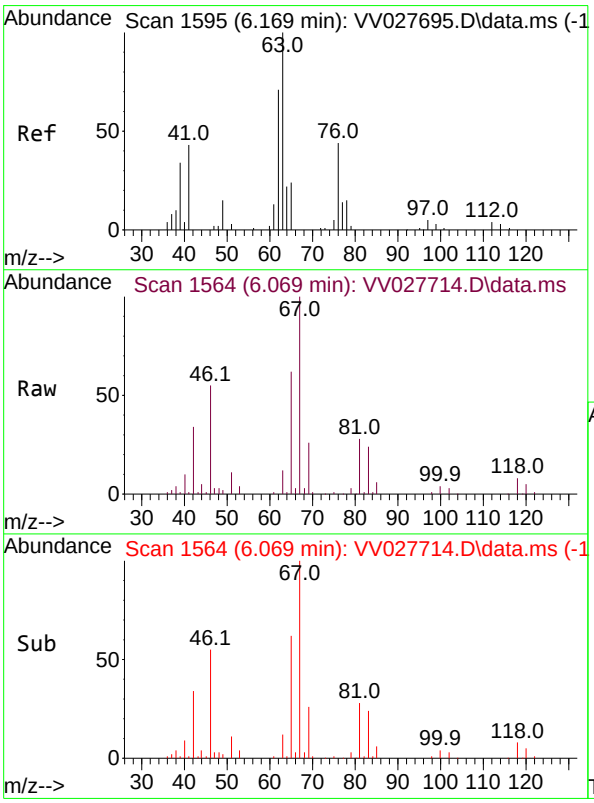

#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

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

Tgt Ion: 83 Resp: 16146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 66.0 | 99.0# |
| 98 | 0.8 | 36.9 | 55.3# |

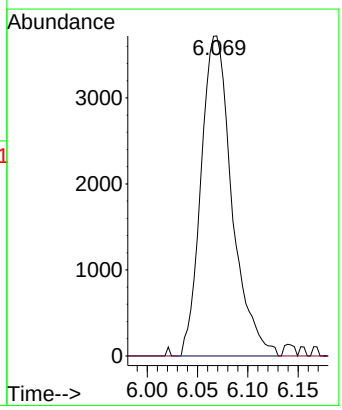


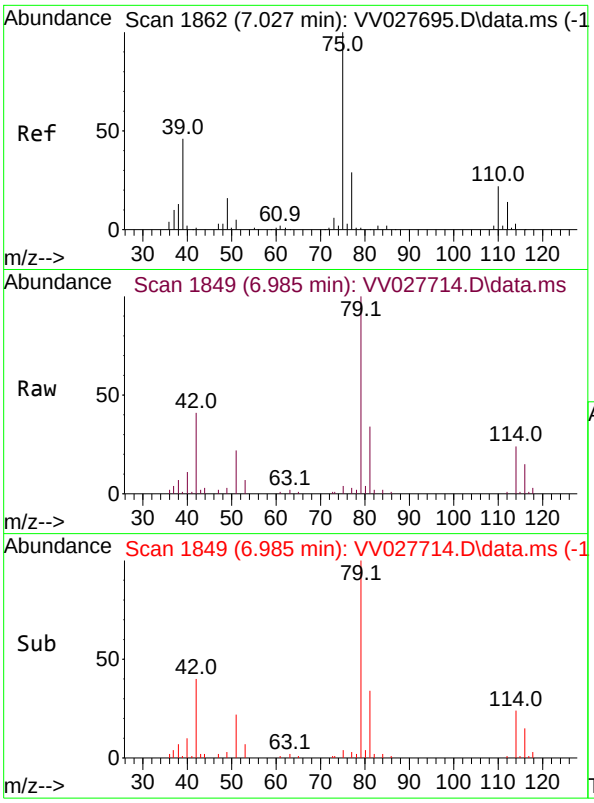




#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

Tgt Ion: 63 Resp: 7970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.9 | 4.3# |



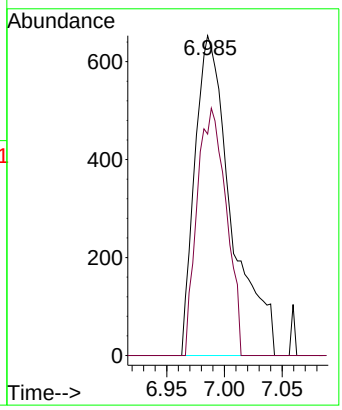


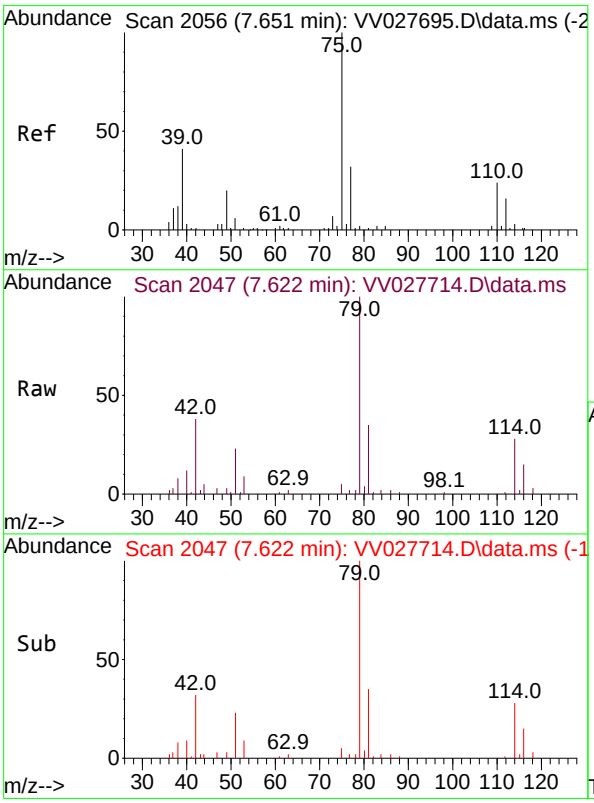

#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

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

Tgt Ion: 75 Resp: 1431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 69.2 | 22.3 | 41.3# |

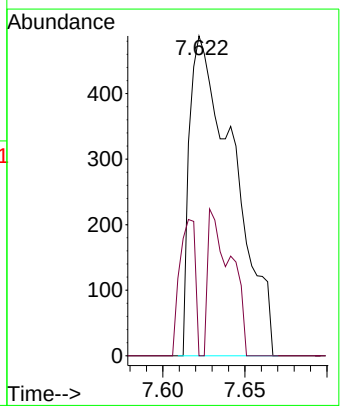


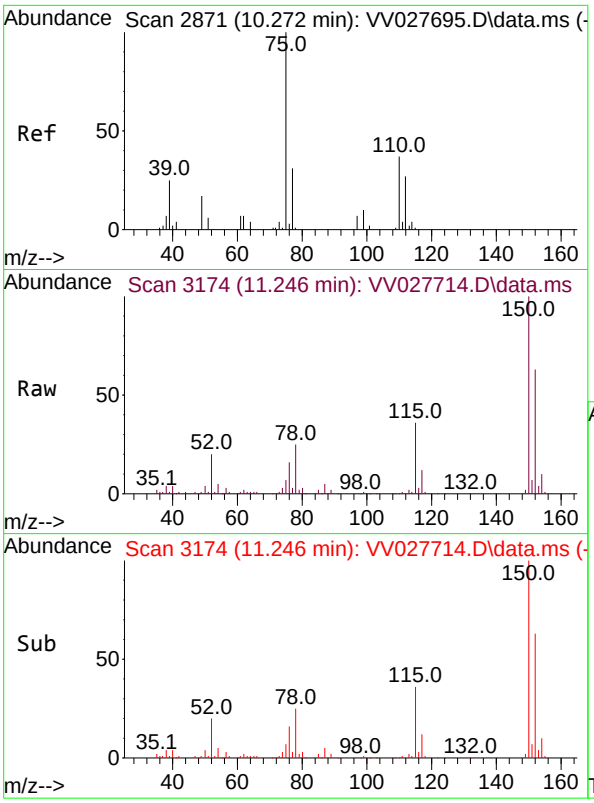




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

Tgt Ion: 75 Resp: 912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 22.0 | 41.0# |






#61
1,2,3-Trichloropropane
Concen: 1.103 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV027714.D
Acq: 02 Sep 2022 11:10

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

Tgt Ion: 75 Resp: 5852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.4 | 25.8 | 38.6 |
| 110 | 2.9 | 29.8 | 44.8# |