Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
Data File : VV028361.D
Acq On : 05 Oct 2022 12:21
Operator : SY/MD
Sample : N4899-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
F5H00

Quant Time: Oct 06 02:32:04 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 | 5.609 | 114 | 217335 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 218975 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 102826 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.301 | 65 | 53222 | 3.259 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 65.200% | | | |
| 7) Chloroethane-d5 | 1.565 | 69 | 52770 | 3.817 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 76.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.102 | 63 | 80009 | 2.599 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 52.000%# | | | |
| 20) 2-Butanone-d5 | 3.921 | 46 | 124992 | 45.238 | ug/L | 0.04 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 90.480% | | | |
| 24) Chloroform-d | 4.339 | 84 | 114368 | 3.866 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 77.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 56635 | 4.129 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 82.600% | | | |
| 32) Benzene-d6 | 5.040 | 84 | 241752 | 4.025 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 80.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.063 | 67 | 75935 | 4.407 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 88.200% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 194761 | 3.525 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 70.600% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 22623 | 3.447 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 69.000% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 102733 | 38.244 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 76.480% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 50751 | 3.885 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 77.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.619 | 152 | 72942 | 4.122 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 82.400% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.237 | 50 | 843 | 0.051 | ug/L | 89 |
| 6) Bromomethane | 1.520 | 94 | 472 | 0.053 | ug/L | 82 |
| 8) Chloroethane | 1.590 | 64 | 35169 | 2.829 | ug/L # | 50 |
| 25) Chloroform | 4.372 | 83 | 10274 | 0.339 | ug/L | 91 |
| 35) Methylcyclohexane | 6.063 | 83 | 18179 | 0.682 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.063 | 63 | 8086 | 0.536 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 6.982 | 75 | 1735 | 0.081 | ug/L # | 35 |
| 61) 1,2,3-Trichloropropane | 11.185 | 75 | 549 | 0.069 | ug/L # | 39 |

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

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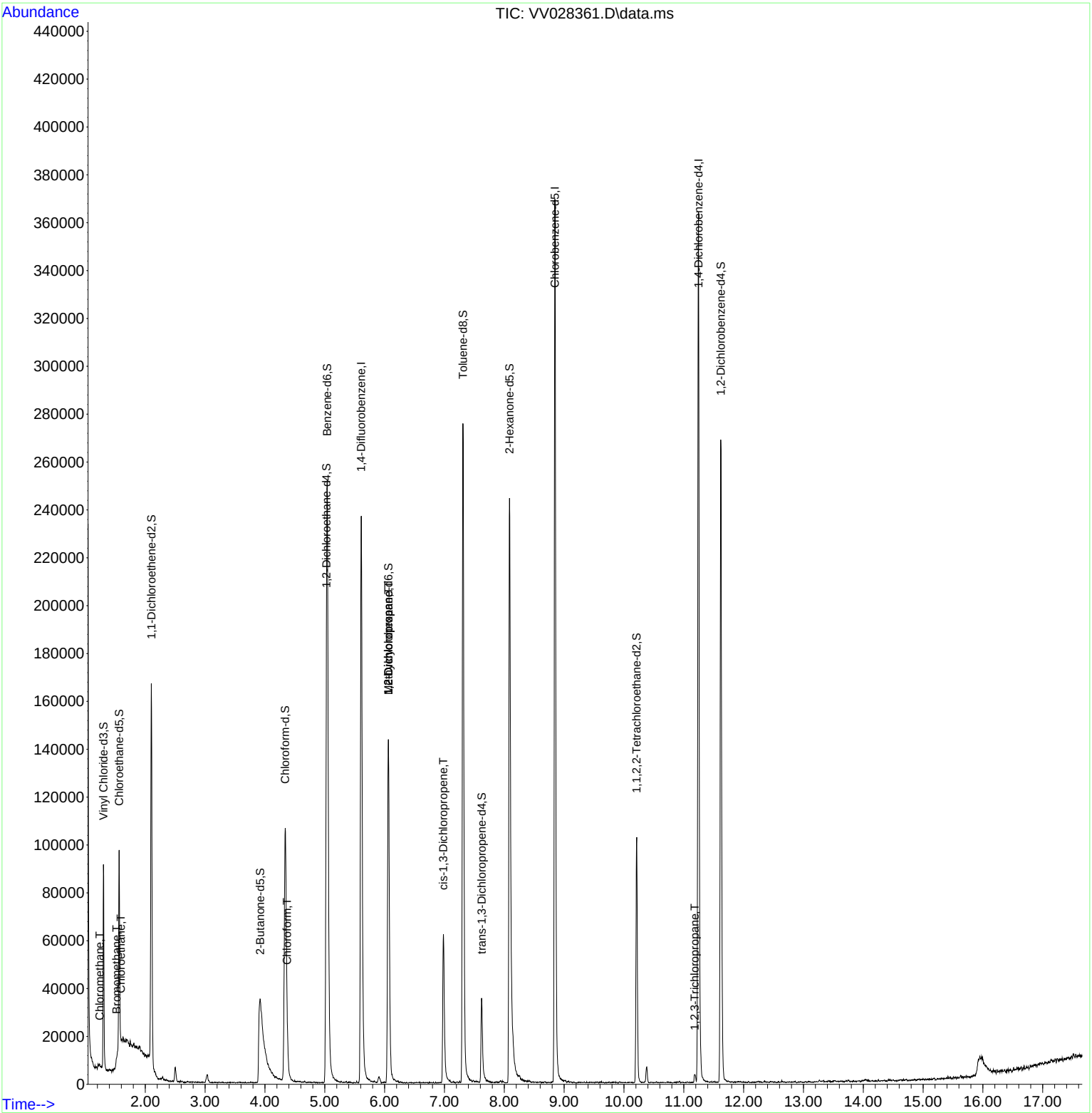
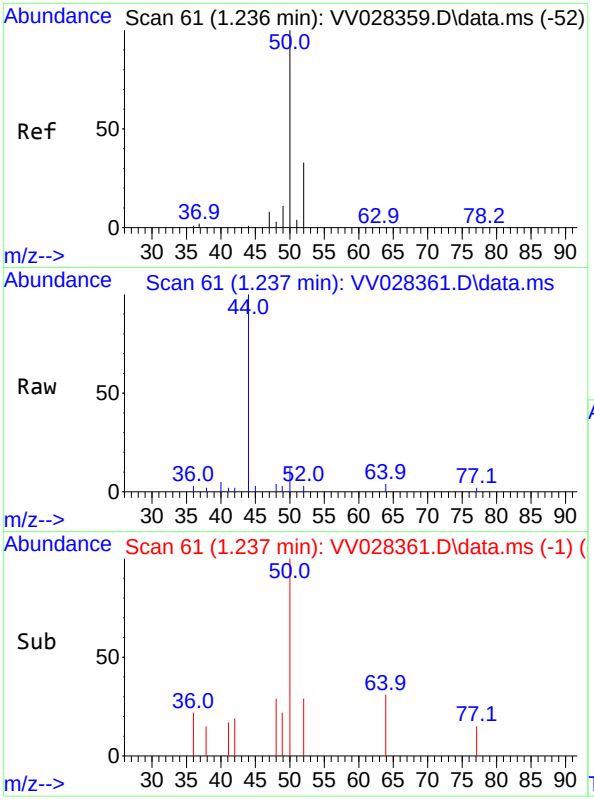
MSVOA_V
**ClientSampleId :**
F5H00

Quant Time: Oct 06 02:32:04 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



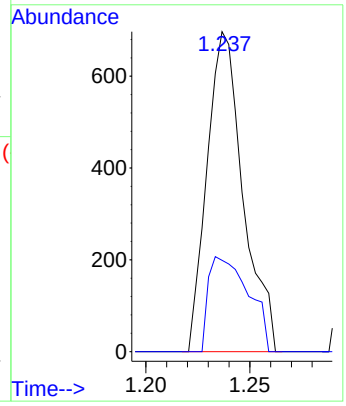


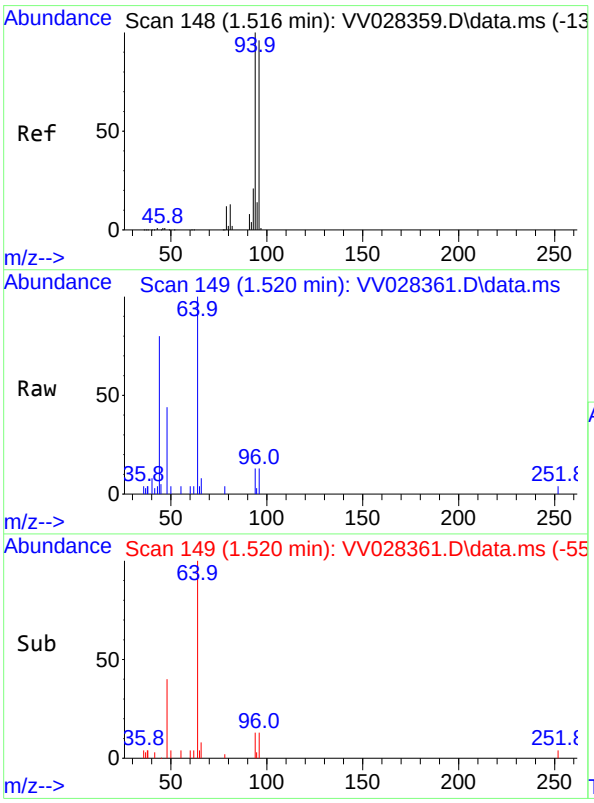

#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

**Instrument :**
MSVOA_V
**ClientSampleId :**
F5H00

Tgt Ion: 50 Resp: 843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.6 | 24.4 | 45.2 |

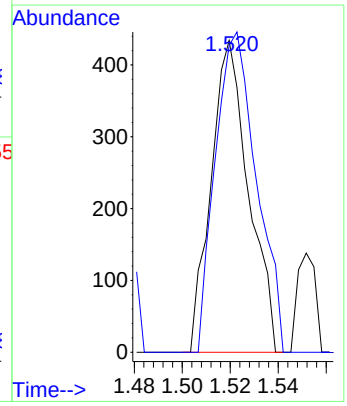


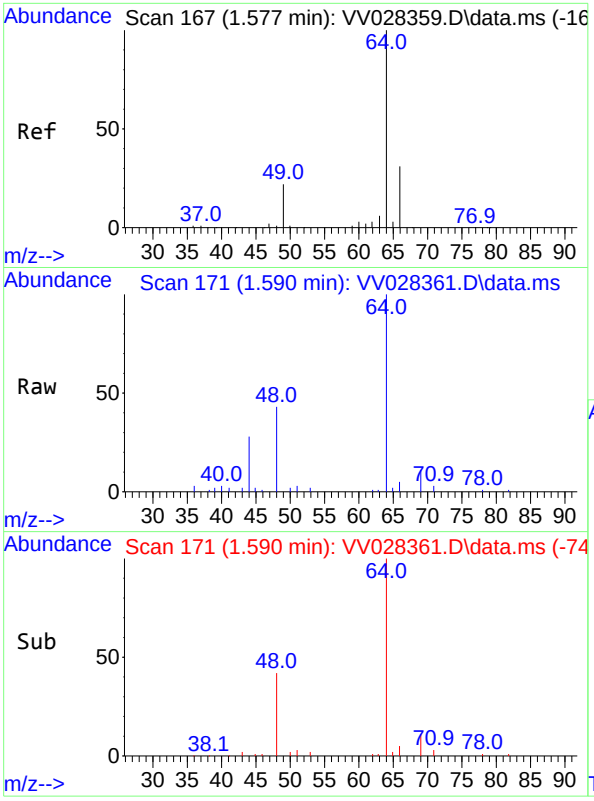




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

Tgt Ion: 94 Resp: 472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 77.8 | 66.7 | 123.9 |



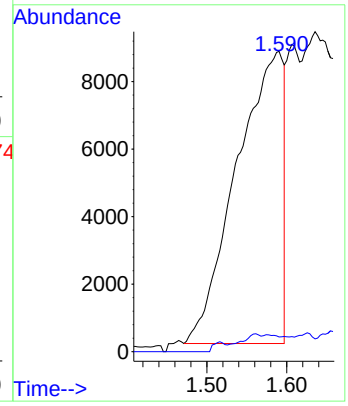


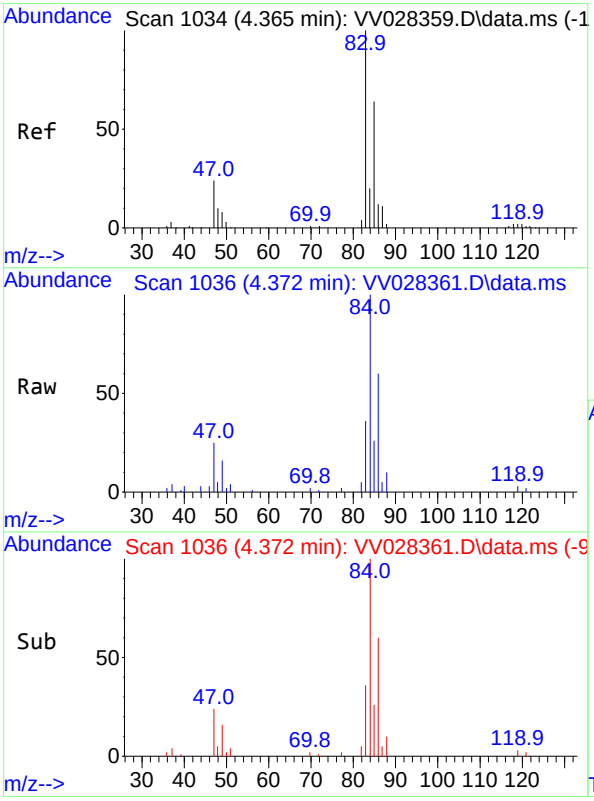

#8
Chloroethane
Concen: 2.829 ug/L
RT: 1.590 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

**Instrument :**
MSVOA_V
**ClientSampleId :**
F5H00

Tgt Ion: 64 Resp: 35169

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

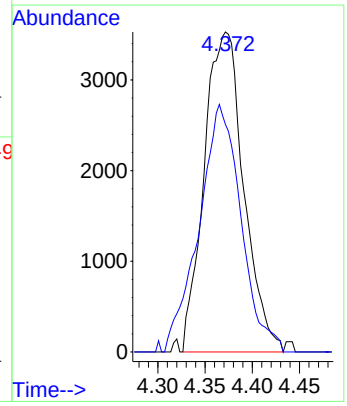


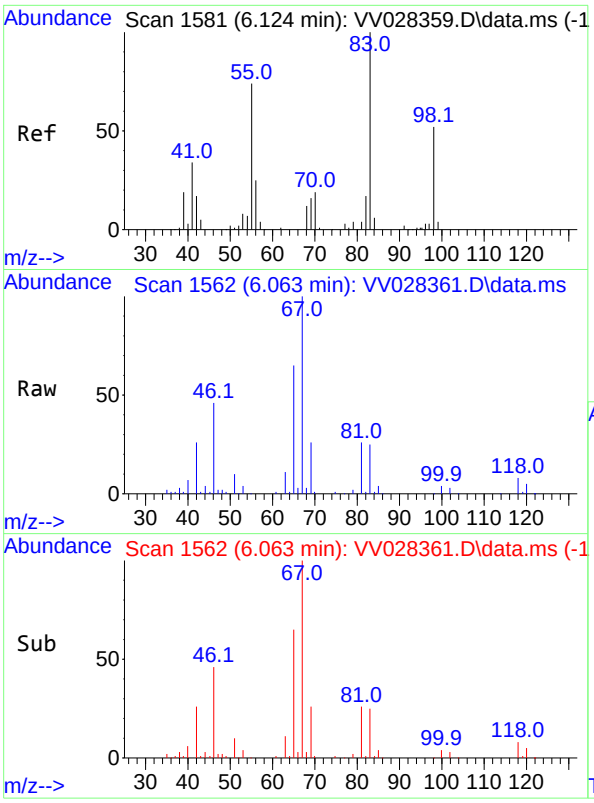




#25
Chloroform
Concen: 0.339 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

Tgt Ion: 83 Resp: 10274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 71.1 | 45.1 | 83.7 |



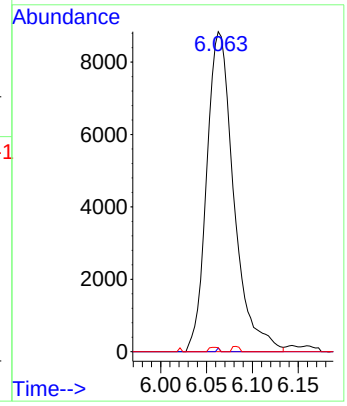


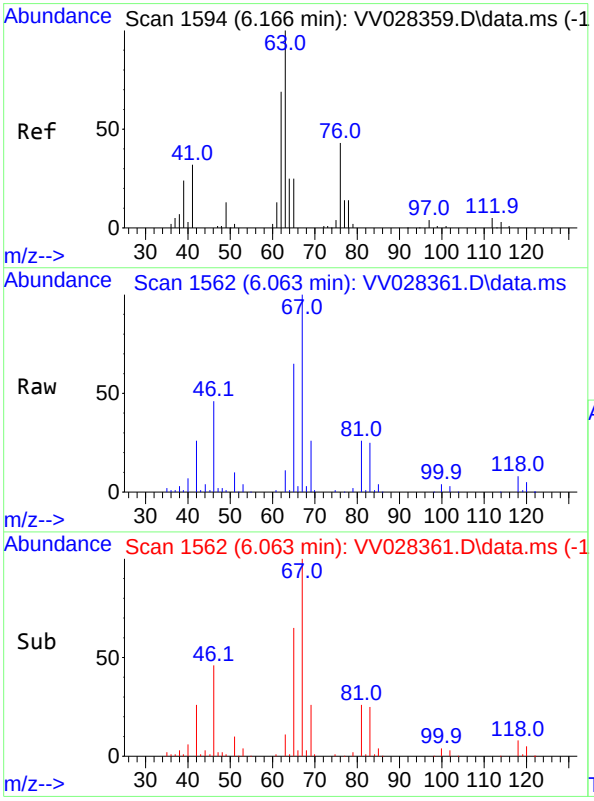

#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

**Instrument :**
MSVOA_V
**ClientSampleId :**
F5H00

Tgt Ion: 83 Resp: 18179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.1 | 64.7 | 97.1# |
| 98 | 0.5 | 39.5 | 59.3# |

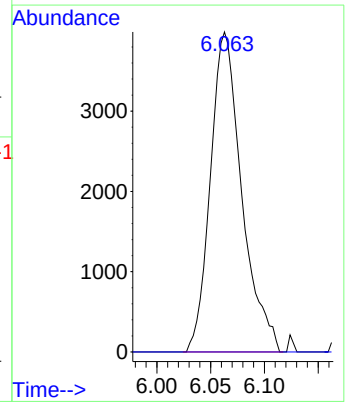


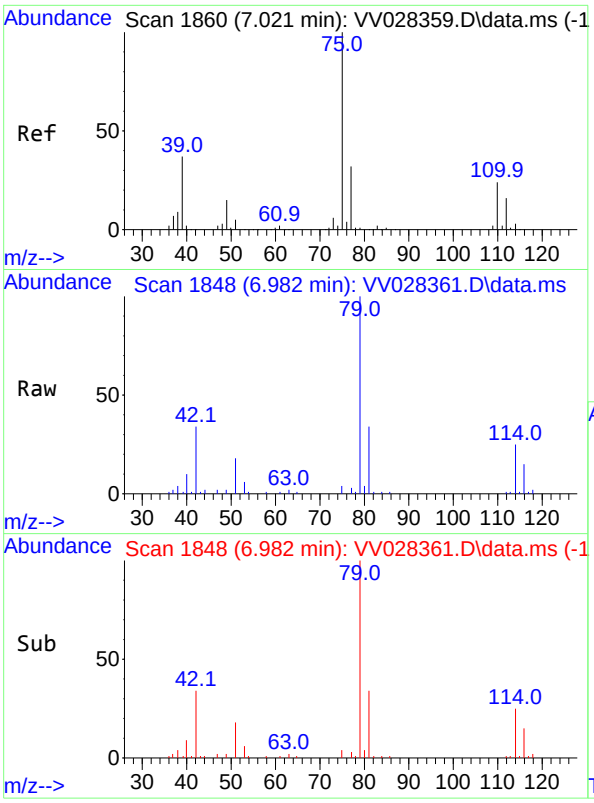




#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

Tgt Ion: 63 Resp: 8086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.5 | 5.3# |



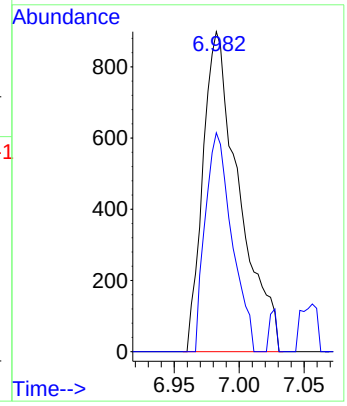


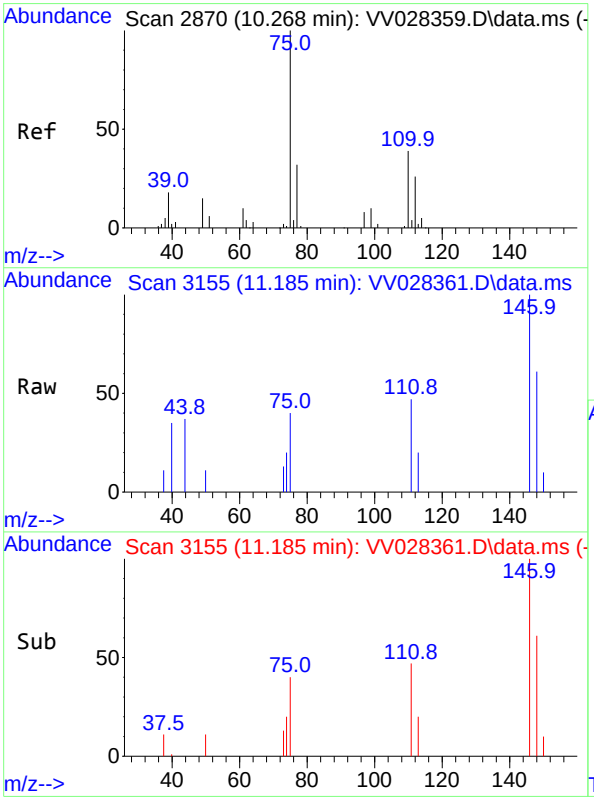

#39
cis-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 6.982 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

**Instrument :**
MSVOA_V
**ClientSampleId :**
F5H00

Tgt Ion: 75 Resp: 1735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 68.4 | 22.4 | 41.6# |




#61
1,2,3-Trichloropropane
Concen: 0.069 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.914 min
Lab File: VV028361.D
Acq: 05 Oct 2022 12:21

Tgt Ion: 75 Resp: 549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 26.7 | 40.1# |
| 110 | 0.0 | 30.1 | 45.1# |