Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070522\
Data File : VV026643.D
Acq On : 05 Jul 2022 14:43
Operator : SY/MD
Sample : N3506-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM5

Quant Time: Jul 06 00:24:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 06 00:22:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.625 | 114 | 188077 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 183756 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 74999 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.317 | 65 | 49926 | 3.301 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 66.000% | | | |
| 7) Chloroethane-d5 | 1.580 | 69 | 50171 | 4.129 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 82.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.117 | 63 | 74365 | 2.767 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 55.400%# | | | |
| 20) 2-Butanone-d5 | 3.928 | 46 | 104316 | 69.370 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 138.740%# | | | |
| 24) Chloroform-d | 4.358 | 84 | 121986 | 4.934 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.043 | 65 | 49778 | 5.227 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.600% | | | |
| 32) Benzene-d6 | 5.059 | 84 | 207825 | 3.937 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 78.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.075 | 67 | 70697 | 4.871 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.400% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 161986 | 3.413 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 68.200%# | | | |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 15653 | 4.172 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.400% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 74383 | 52.053 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 104.100% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 51329 | 5.406 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 108.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 61937 | 4.990 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 6) Bromomethane | 1.535 | 94 | 498 | 0.055 | ug/L | 92 |
| 8) Chloroethane | 1.323 | 64 | 1452 | 0.128 | ug/L | 99 |
| 14) Carbon disulfide | 2.307 | 76 | 5043 | 0.150 | ug/L # | 92 |
| 25) Chloroform | 4.387 | 83 | 45281 | 1.819 | ug/L | 98 |
| 35) Methylcyclohexane | 6.079 | 83 | 17495 | 0.838 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.075 | 63 | 7734 | 0.598 | ug/L # | 84 |
| 39) cis-1,3-Dichloropropene | 6.992 | 75 | 1222 | 0.094 | ug/L # | 79 |
| 53) m,p-Xylene | 9.149 | 106 | 913 | 0.041 | ug/L | 82 |
| 61) 1,2,3-Trichloropropane | 11.249 | 75 | 7821 | 1.611 | ug/L # | 66 |

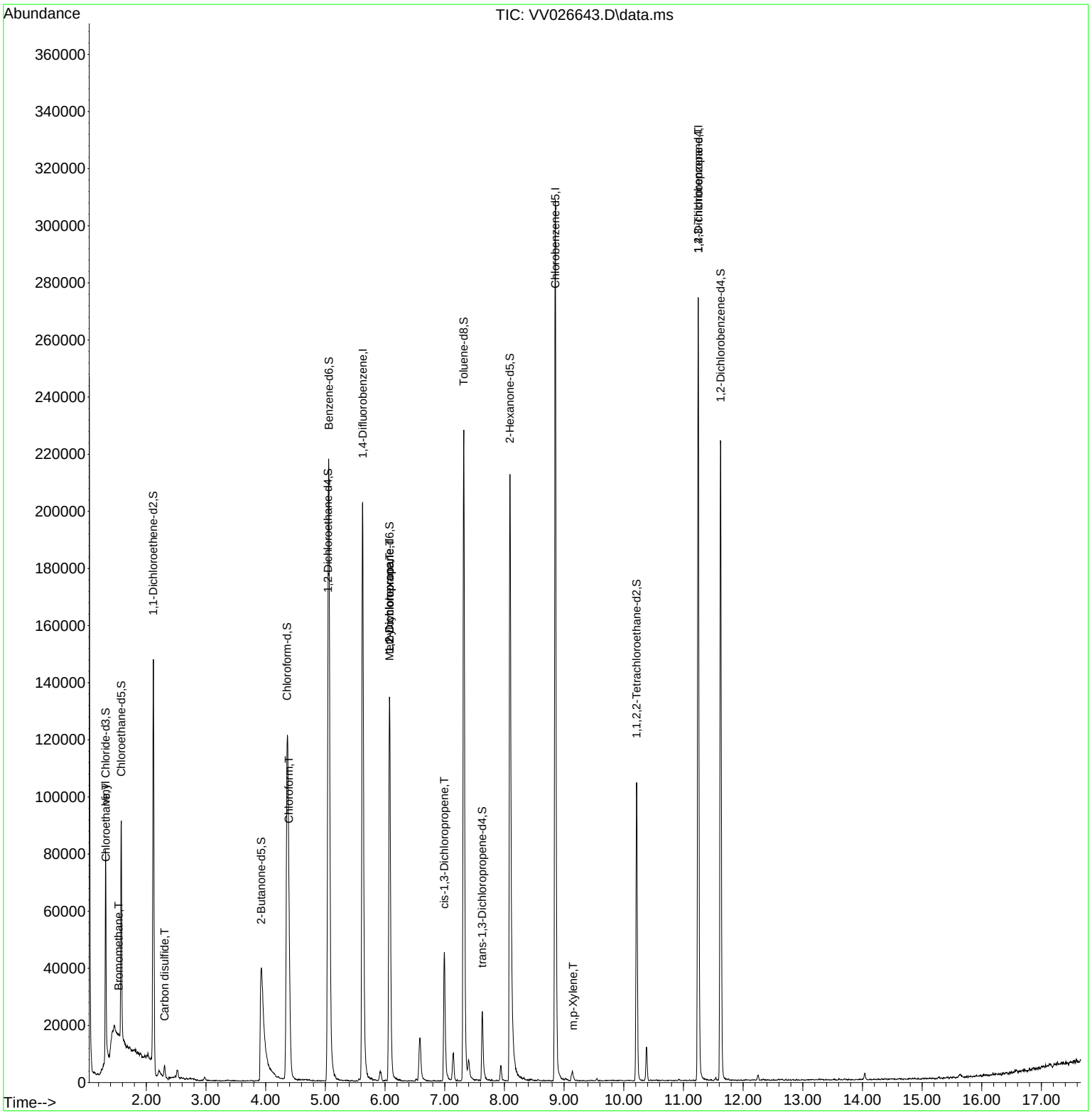
(#) = qualifier out of range (m) = manual integration (+) = signals summed

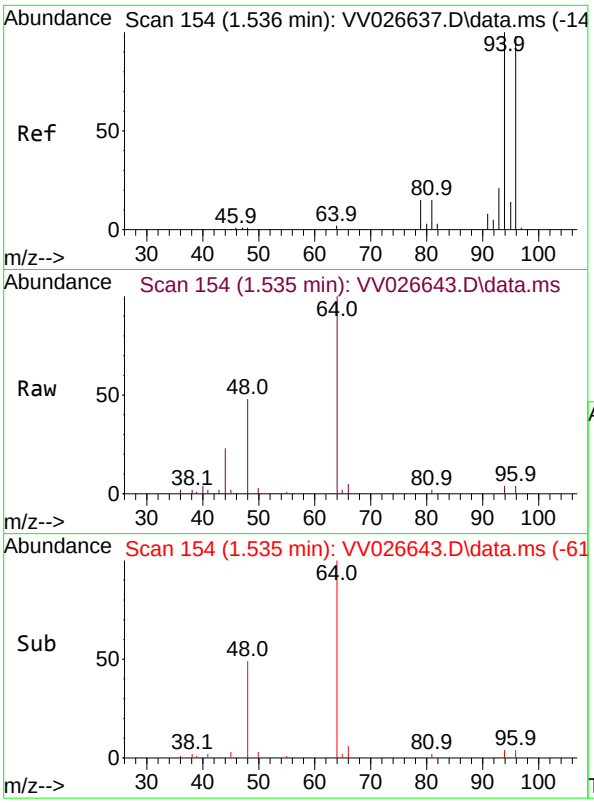
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070522\
Data File : VV026643.D
Acq On : 05 Jul 2022 14:43
Operator : SY/MD
Sample : N3506-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM5

Quant Time: Jul 06 00:24:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 06 00:22:14 2022
Response via : Initial Calibration



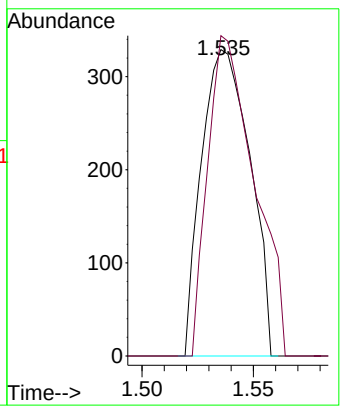


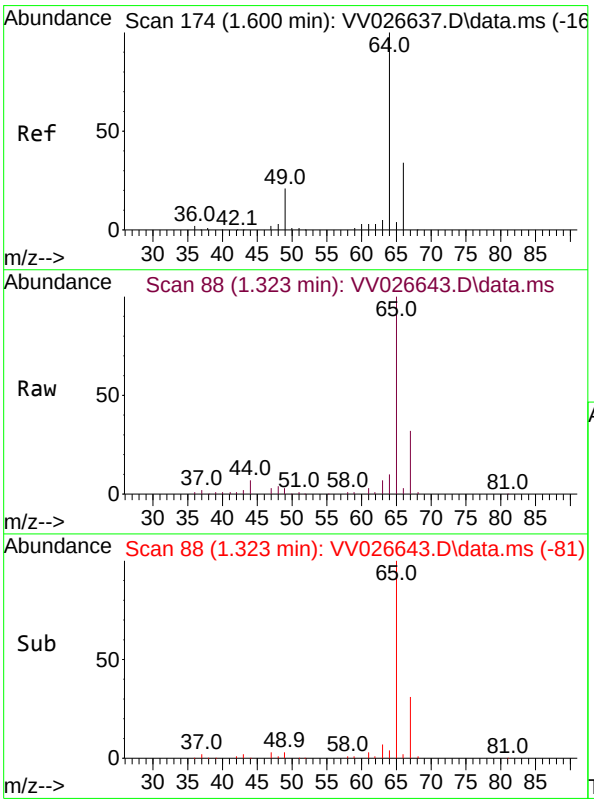

#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM5

Tgt Ion: 94 Resp: 498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 104.6 | 68.0 | 126.2 |

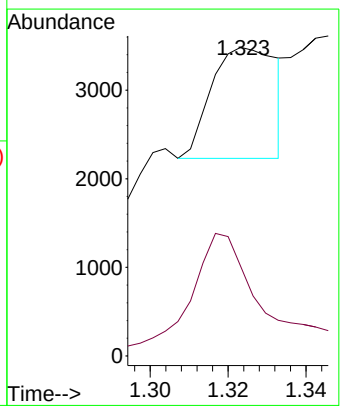


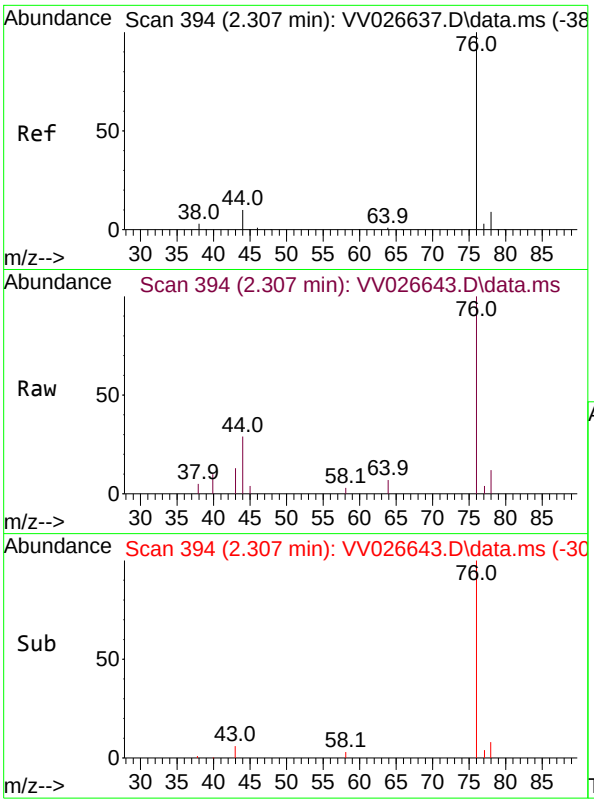




#8
Chloroethane
Concen: 0.128 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.277 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

Tgt Ion: 64 Resp: 1452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.1 | 20.0 | 37.2 |



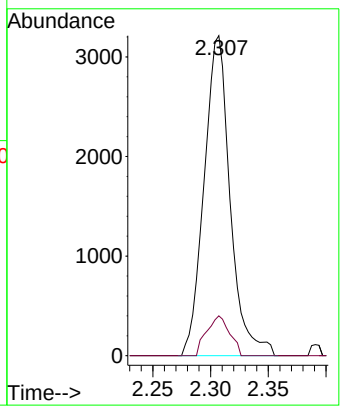


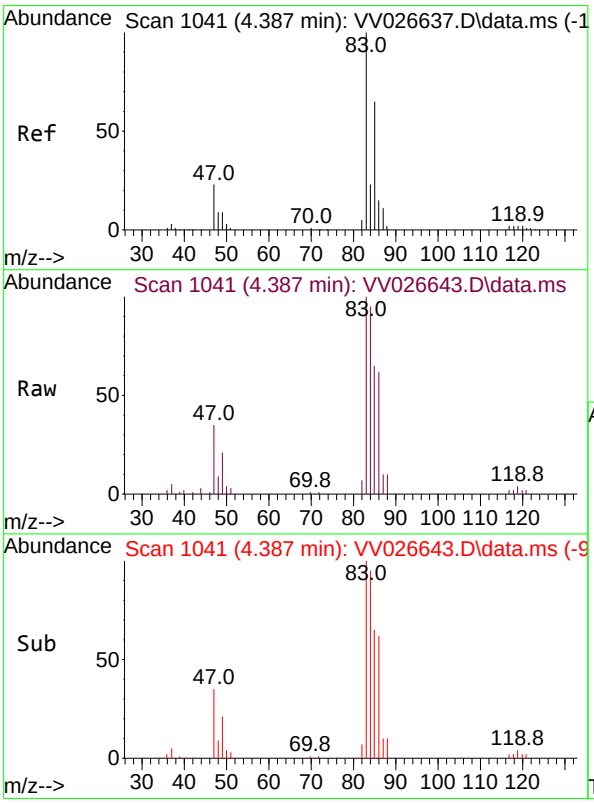

#14
Carbon disulfide
Concen: 0.150 ug/L
RT: 2.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM5

Tgt Ion: 76 Resp: 5043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 12.5 | 7.8 | 11.6# |

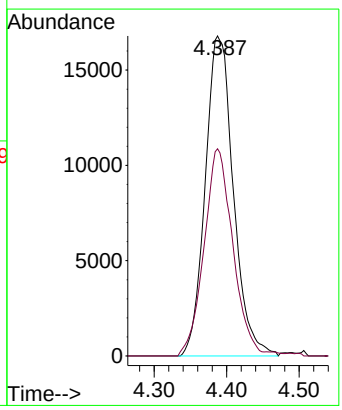


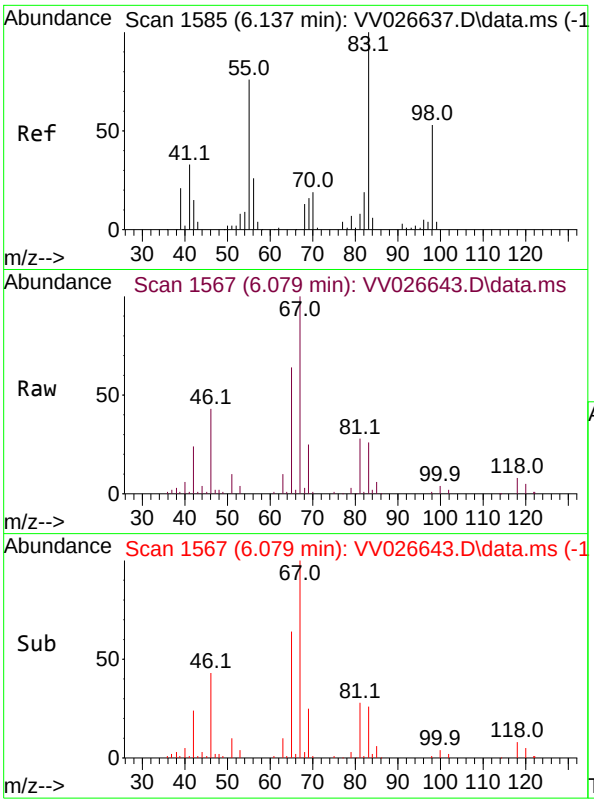




#25
Chloroform
Concen: 1.819 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

Tgt Ion: 83 Resp: 45281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 44.0 | 81.8 |



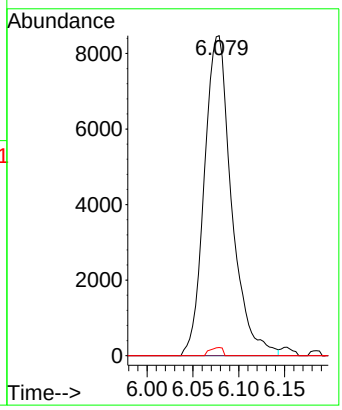


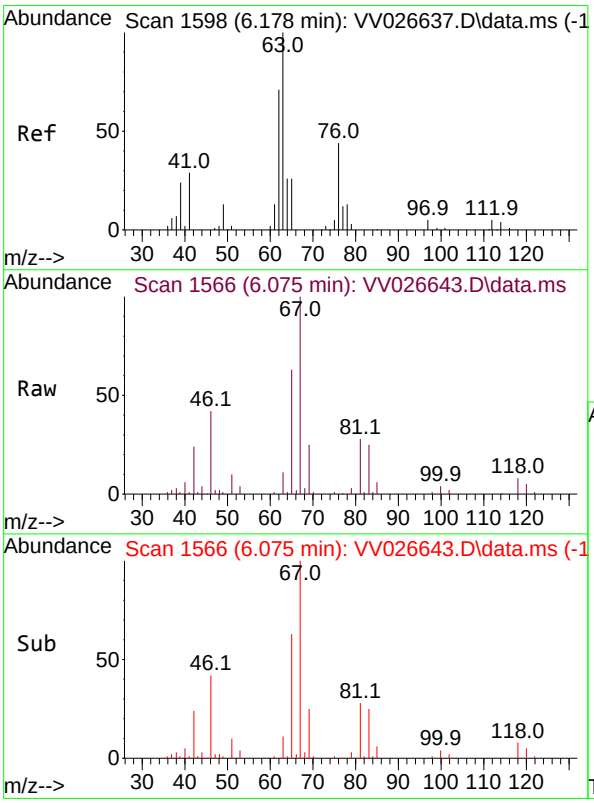

#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.079 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM5

Tgt Ion: 83 Resp: 17495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 57.0 | 85.4# |
| 98 | 1.2 | 39.8 | 59.8# |

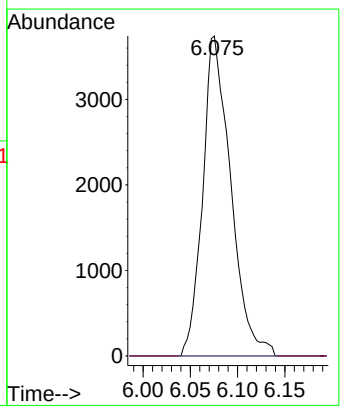


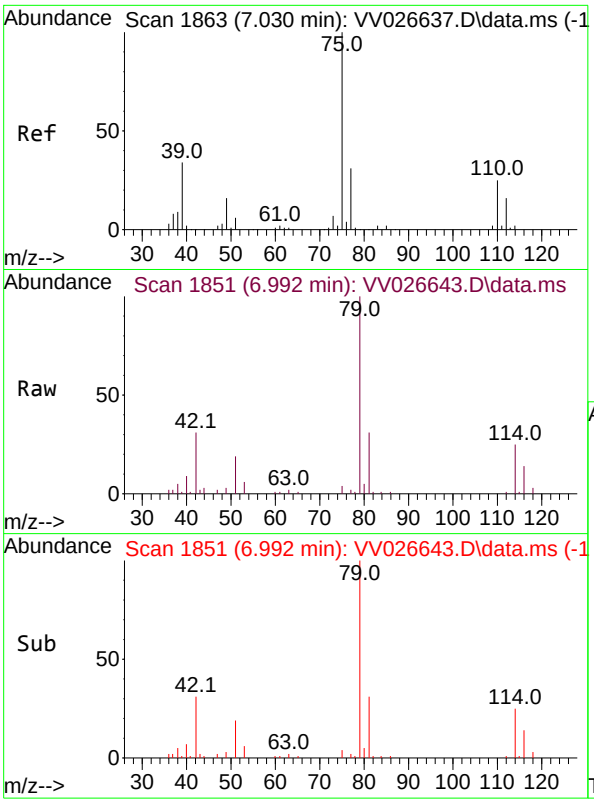




#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

Tgt Ion: 63 Resp: 7734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.2 | 6.4# |



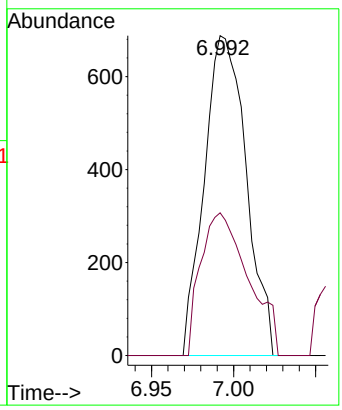


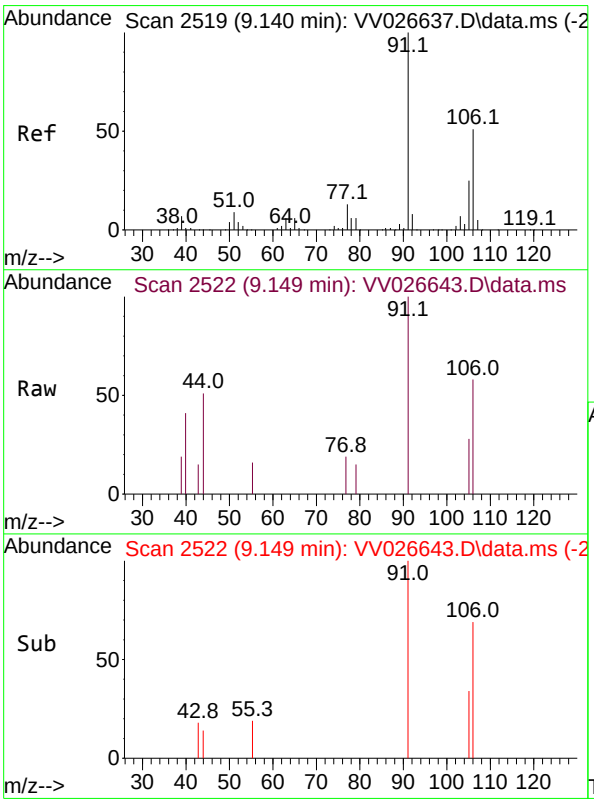

#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.992 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM5

Tgt Ion: 75 Resp: 1222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.6 | 22.8 | 42.4# |

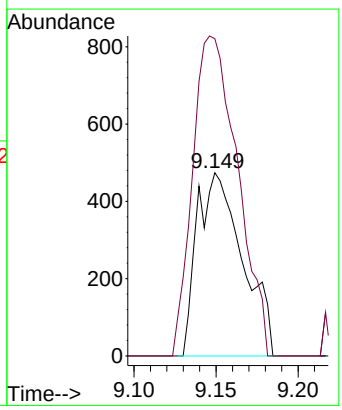


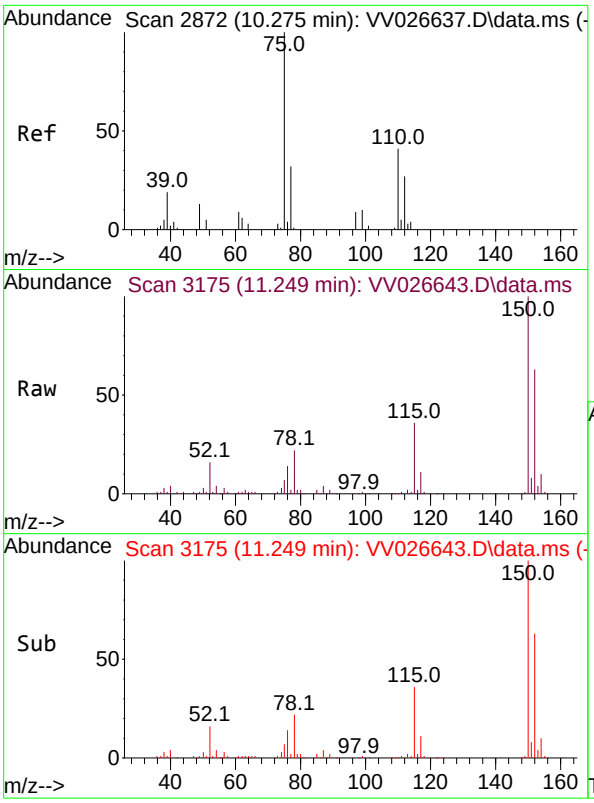




#53
m,p-Xylene
Concen: 0.041 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.010 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

Tgt Ion:106 Resp: 913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 173.2 | 139.9 | 259.9 |






#61
1,2,3-Trichloropropane
Concen: 1.611 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV026643.D
Acq: 05 Jul 2022 14:43

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM5

Tgt Ion: 75 Resp: 7821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.8 | 38.6 |
| 110 | 3.3 | 32.5 | 48.7# |