Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\

Quantitation Report (Not Reviewed)

Data File : VV008059.D
Acq On : 04 Oct 2018 13:40
Operator : SY/MD
Sample : J5246-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0J69

Quant Time: Oct 05 05:21:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 100863 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 96480 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 48216 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 19051 | 3.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 70.40% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 18057 | 3.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 77.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 31185 | 2.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 51.00%# | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 70376 | 43.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 86.54% | | | |
| 24) Chloroform-d | 4.41 | 84 | 50034 | 4.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 26021 | 3.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 76.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 94822 | 4.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 82.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 31437 | 4.30 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 86.00% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 86677 | 3.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 74.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 10161 | 3.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 72.20% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 45780 | 36.89 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 73.78% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 22085 | 3.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 78.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 38111 | 4.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 81.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.22 | 43 | 3623 | 3.057 | ug/L | 94 |
| 15) Methyl Acetate | 2.39 | 43 | 2329 | 0.769 | ug/L # | 51 |
| 16) Methylene chloride | 2.54 | 84 | 1161 | 0.157 | ug/L | 95 |
| 35) Methylcyclohexane | 6.13 | 83 | 7539 | 0.636 | ug/L # | 22 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 3510 | 0.497 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.04 | 75 | 831 | 0.088 | ug/L | 90 |
| 42) Toluene | 7.43 | 91 | 5399 | 0.179 | ug/L | 100 |
| 53) m,p-xylene | 9.18 | 106 | 2028 | 0.159 | ug/L | 94 |
| 54) o-xylene | 9.59 | 106 | 1713 | 0.139 | ug/L | 97 |
| 66) 1,2-Dibromo-3-chloropropan | 12.30 | 75 | 857 | 1.121 | ug/L # | 7 |

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

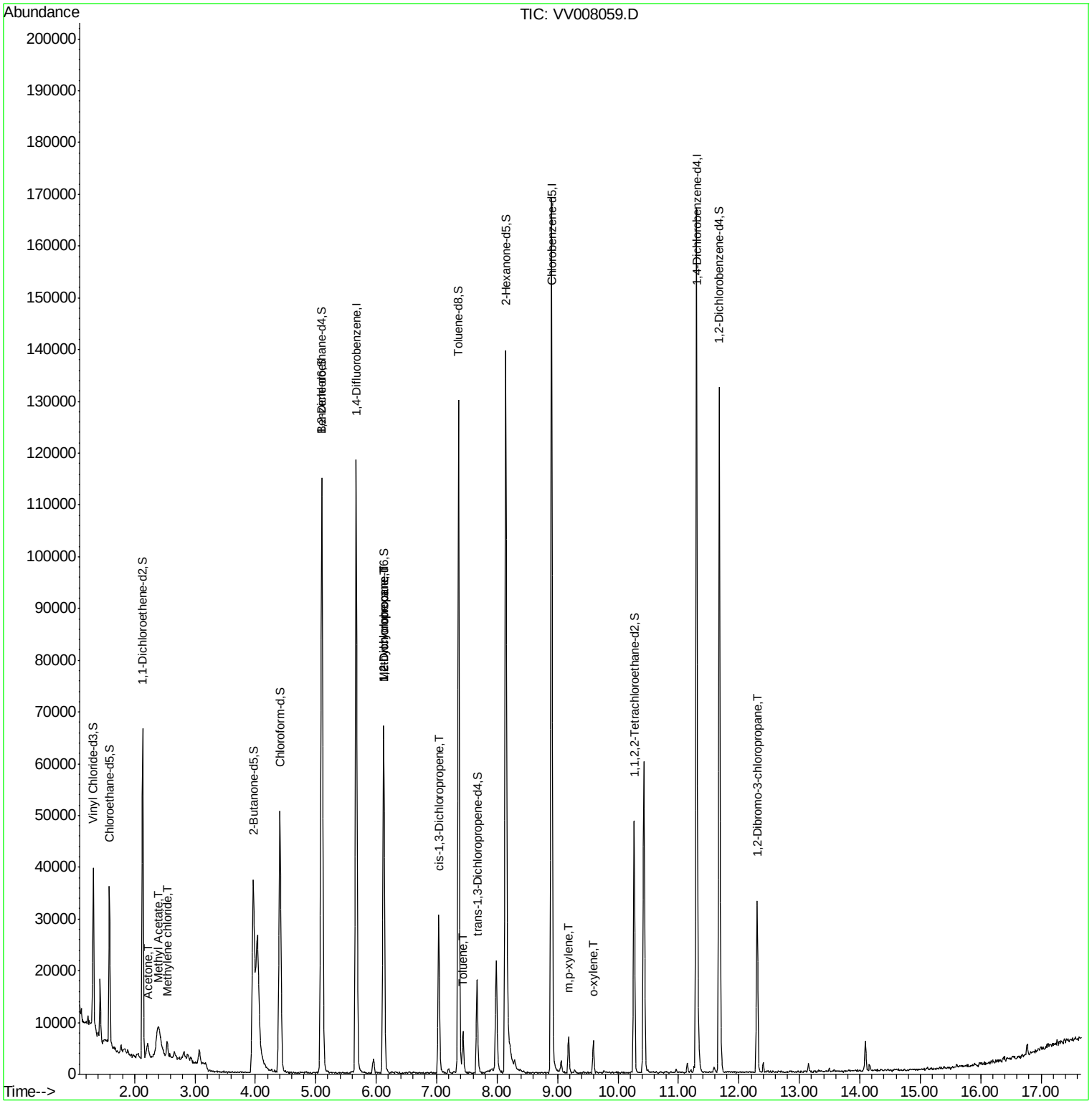
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\

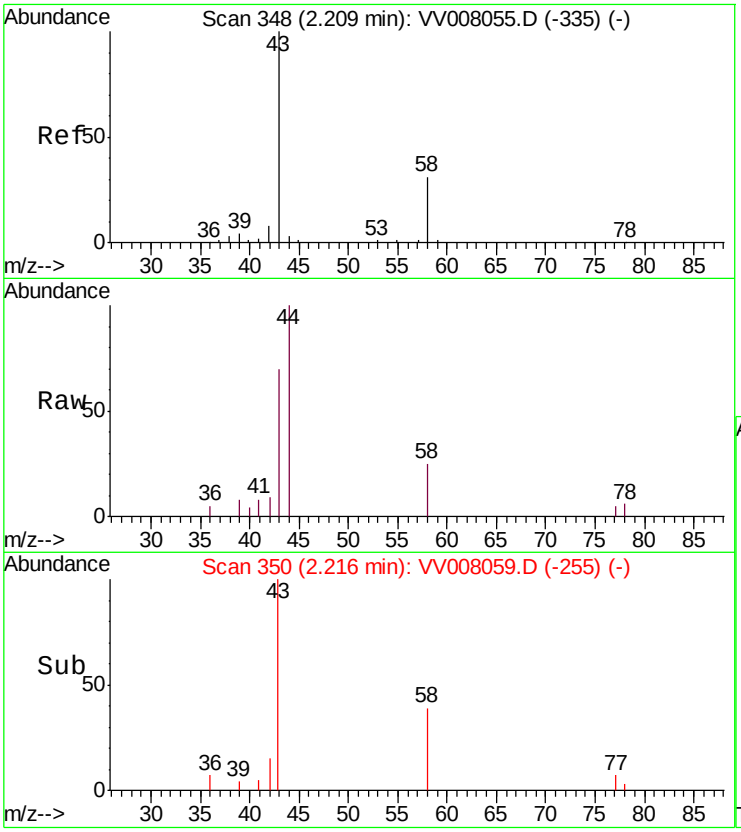
Quantitation Report (Not Reviewed)

Data File : VV008059.D
Acq On : 04 Oct 2018 13:40
Operator : SY/MD
Sample : J5246-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0J69

Quant Time: Oct 05 05:21:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration



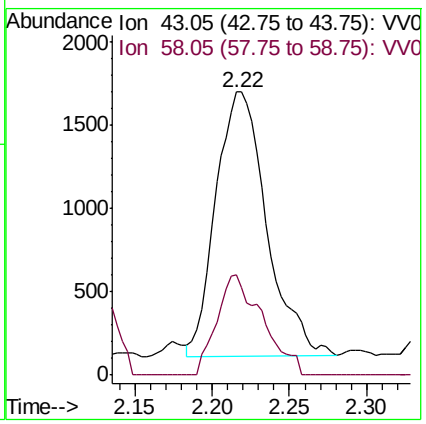


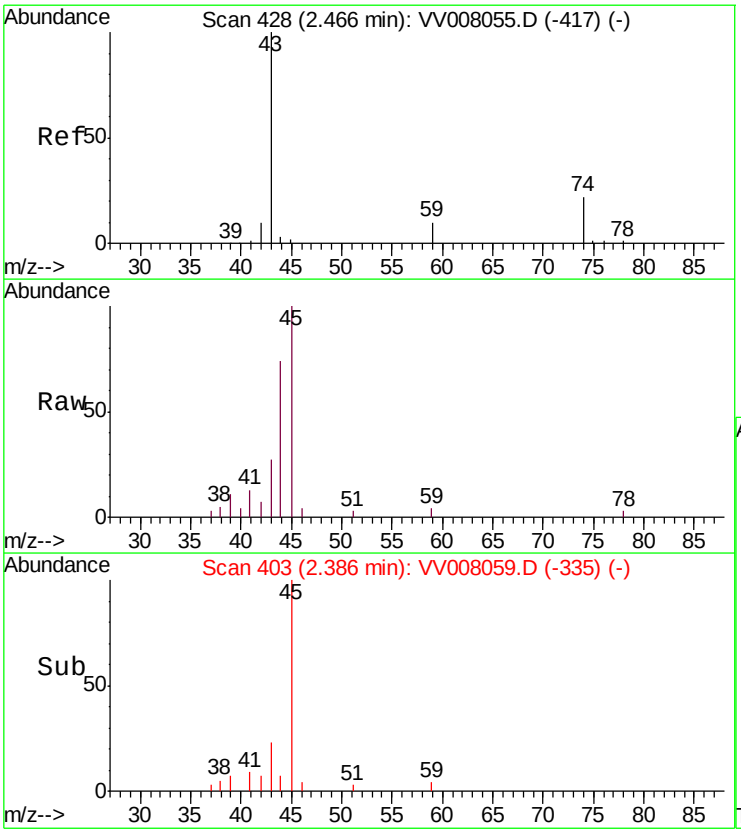

#13
Acetone
Concen: 3.057 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.01 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0J69

Tgt Ion: 43 Resp: 3623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.1 | 0.0 | 62.0 |

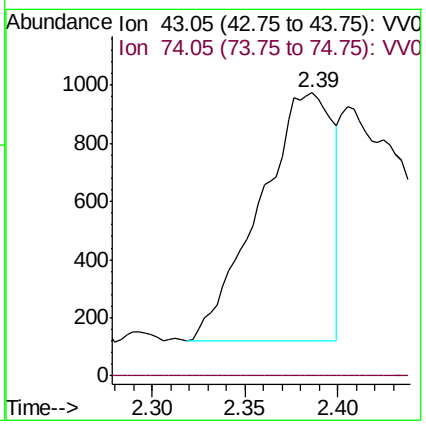


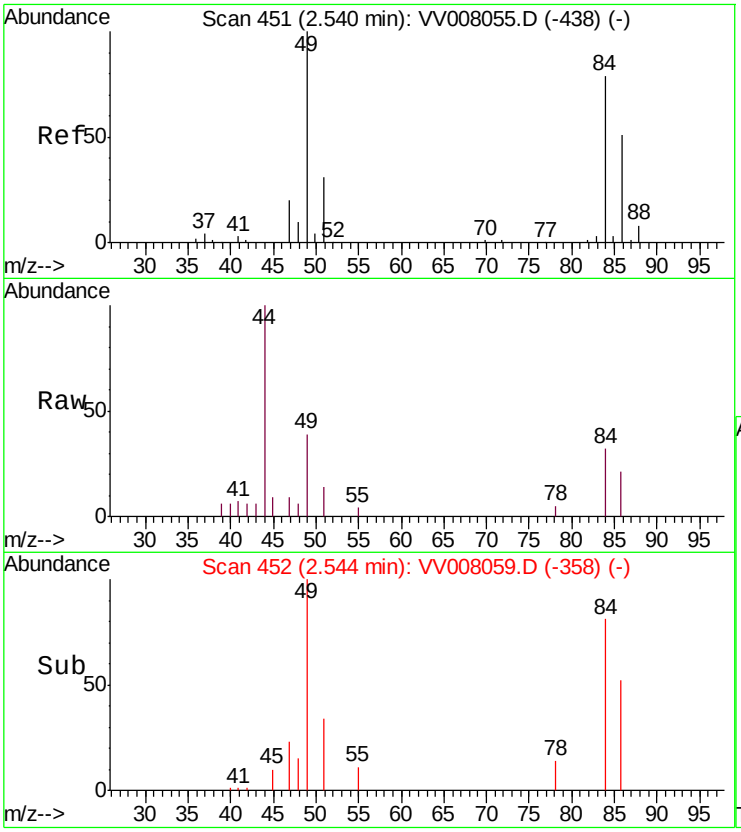




#15
Methyl Acetate
Concen: 0.769 ug/L
RT: 2.39 min Scan# 403
Delta R.T. -0.08 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

Tgt Ion: 43 Resp: 2329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 19.5 | 29.3# |



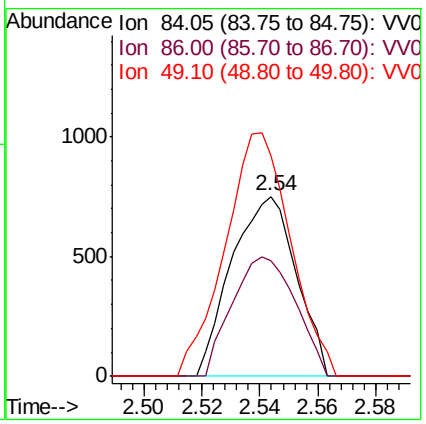


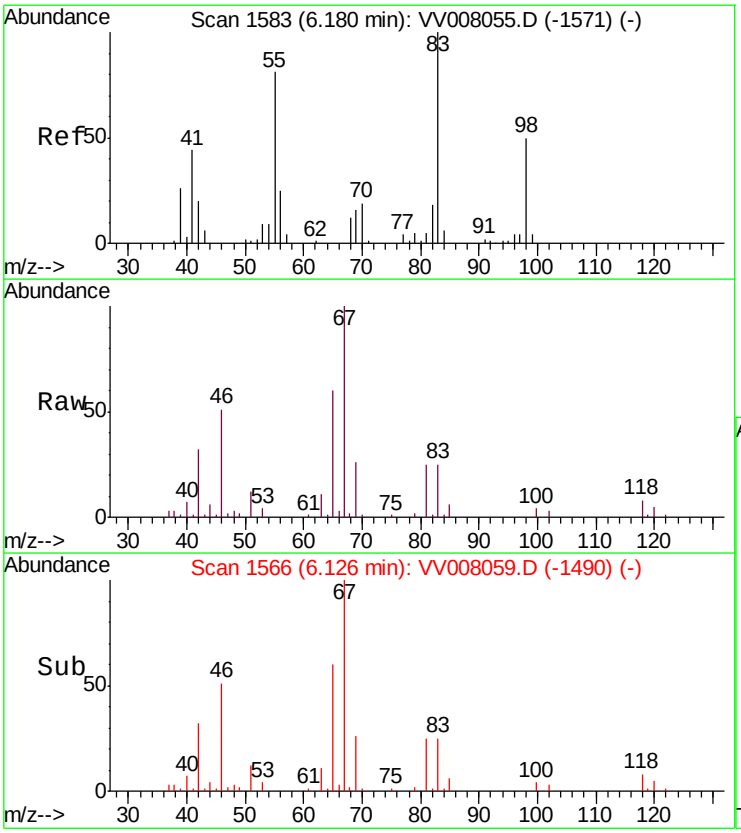

#16
Methylene chloride
Concen: 0.157 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0J69

Tgt Ion: 84 Resp: 1161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.1 | 47.3 | 87.8 |
| 49 | 122.8 | 90.0 | 167.2 |

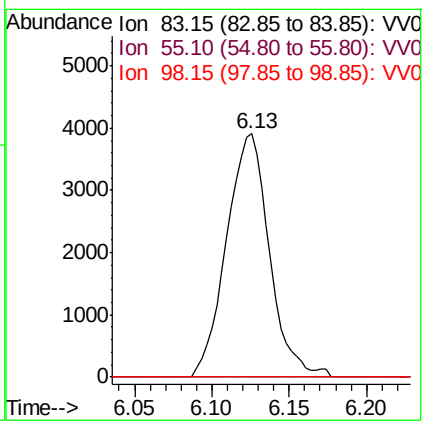


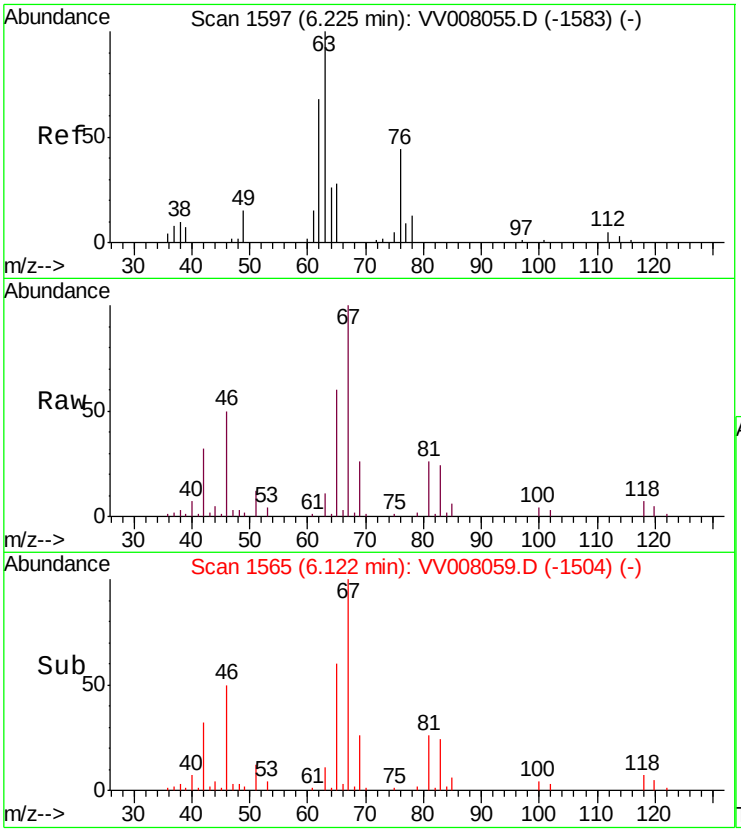




#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

Tgt Ion: 83 Resp: 7539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.2 | 93.2# |
| 98 | 6.9 | 38.0 | 57.0# |



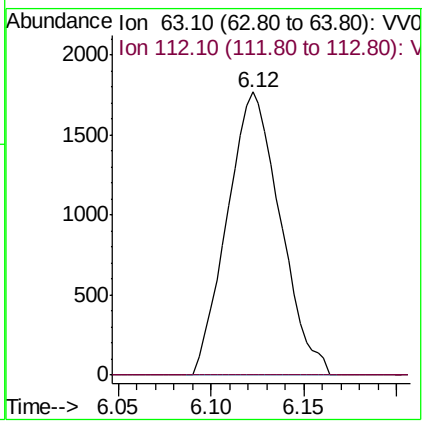


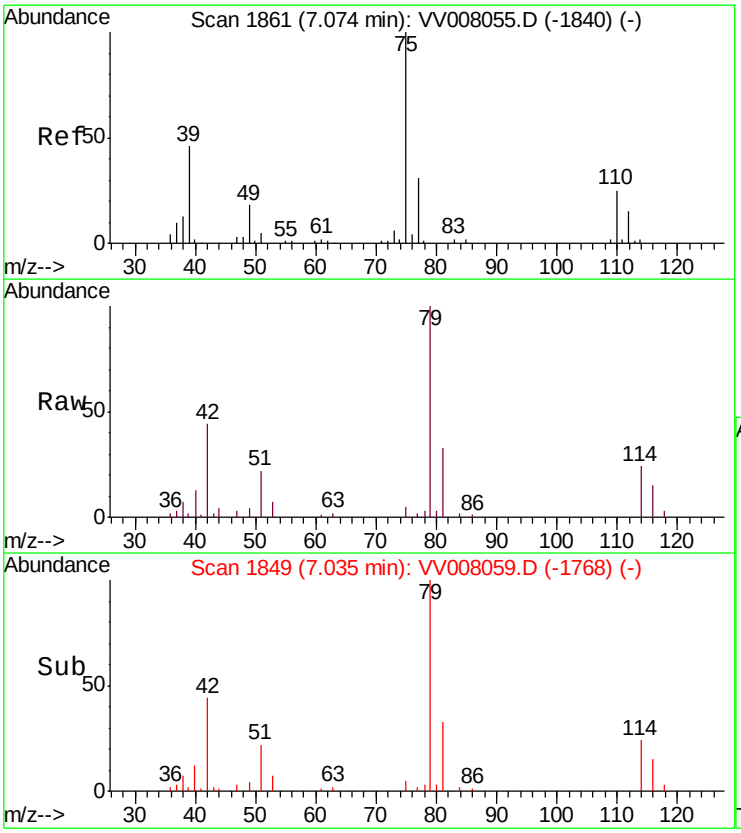

#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0J69

Tgt Ion: 63 Resp: 3510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.0# |

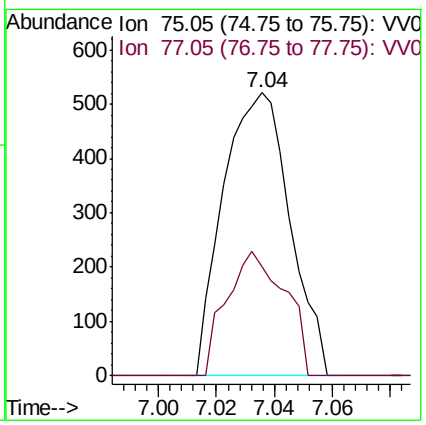


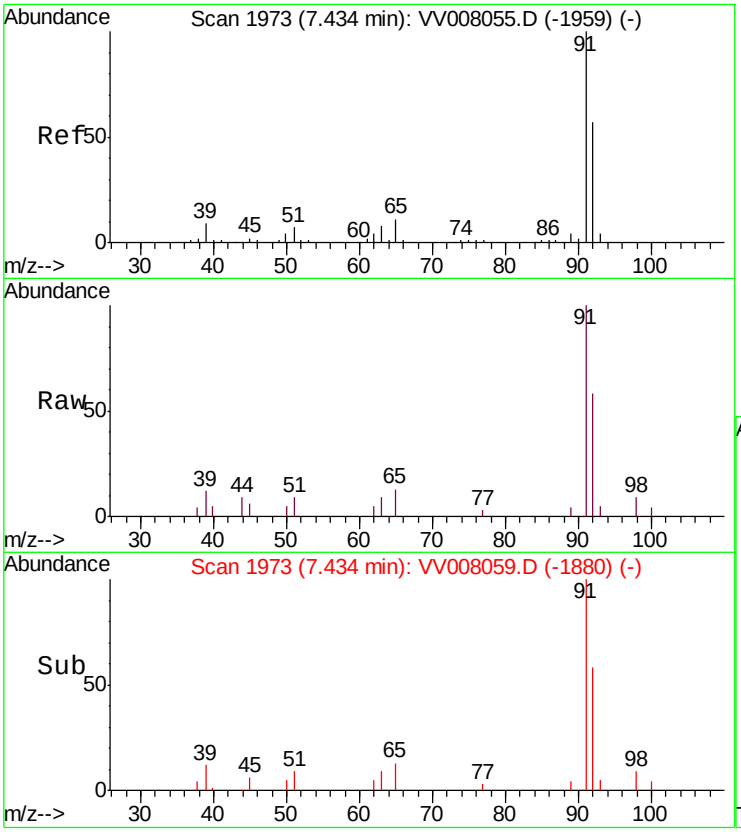




#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

Tgt Ion: 75 Resp: 831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.4 | 22.9 | 42.5 |



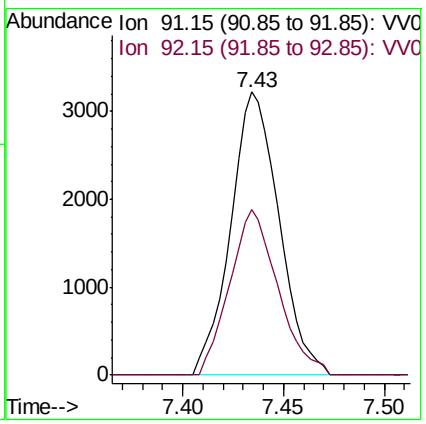


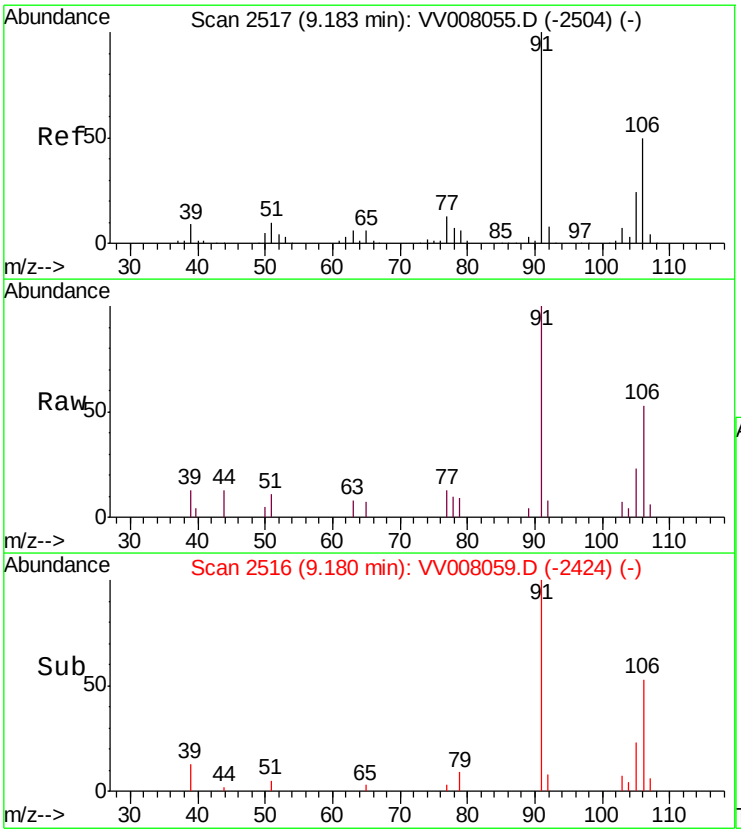

#42
Toluene
Concen: 0.179 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

**Instrument :** MSVOA_V
**ClientSampleId :** C0J69

Tgt Ion: 91 Resp: 5399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.4 | 40.8 | 75.8 |

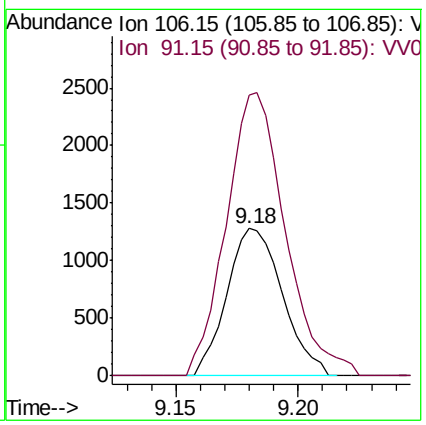


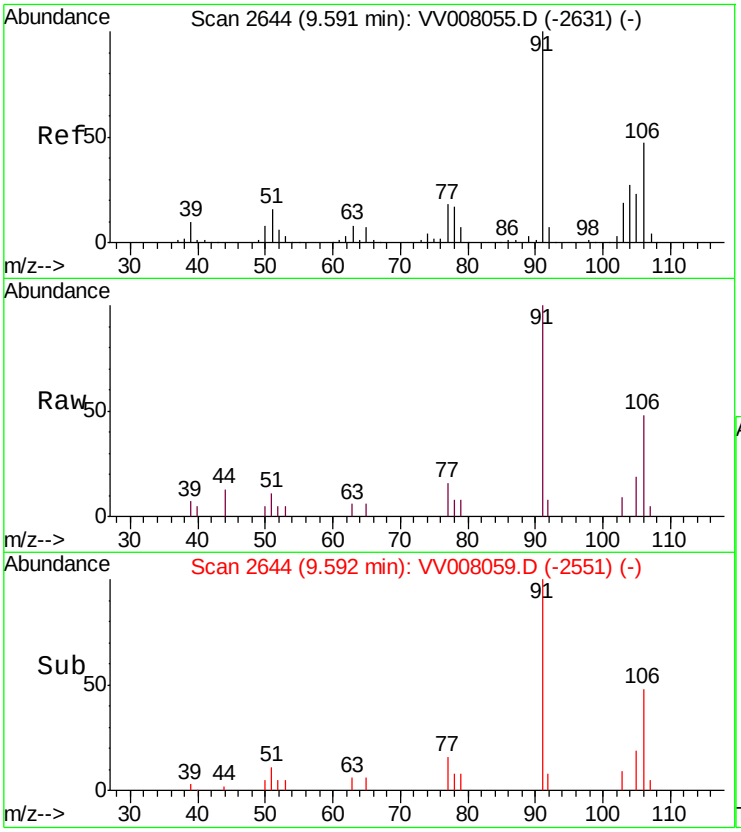




#53
m,p-xylene
Concen: 0.159 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

Tgt Ion:106 Resp: 2028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 190.4 | 139.4 | 258.8 |



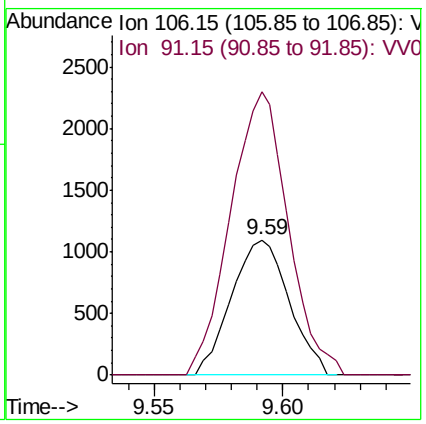


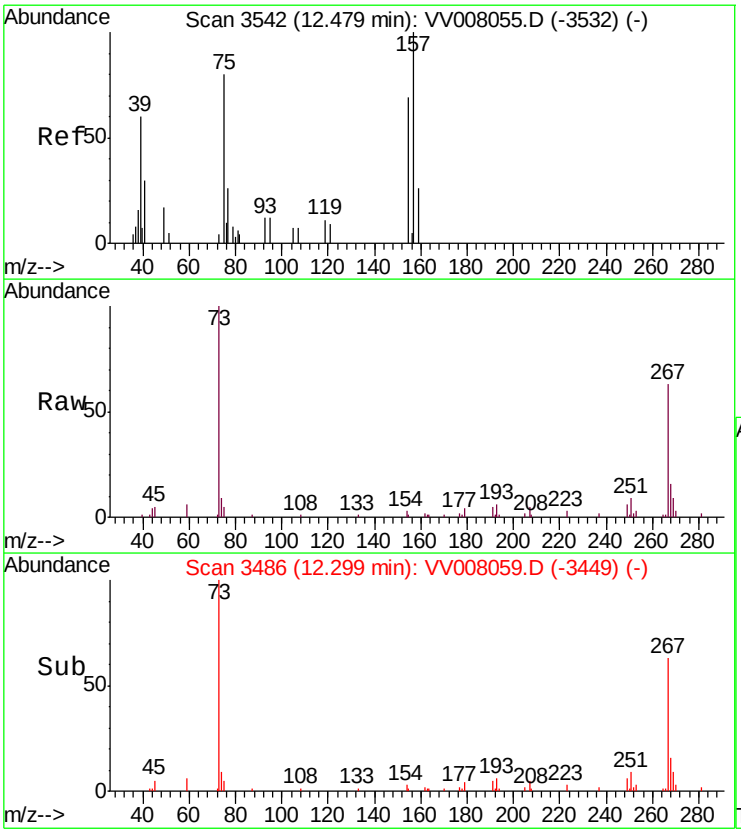

#54
o-xylene
Concen: 0.139 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0J69

Tgt Ion:106 Resp: 1713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.1 | 150.1 | 278.9 |




#66
1,2-Dibromo-3-chloropropane
Concen: 1.121 ug/L
RT: 12.30 min Scan# 3486
Delta R.T. -0.18 min
Lab File: VV008059.D
Acq: 04 Oct 2018 13:40

Tgt Ion: 75 Resp: 857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 25.5 | 83.4 | 125.2# |
| 157 | 0.0 | 93.9 | 140.9# |