Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100818\
Data File : VR025993.D
Acq On : 8 Oct 2018 18:58
Operator : SY/MD
Sample : J5279-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_R
**ClientSampleId :**

Quant Time: Oct 09 05:32:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 05:29:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 429472 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.28 | 117 | 360285 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152 | 116700 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.15 | 65 | 173498 | 5.12 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 102.40% | | | |
| 7) Chloroethane-d5 | 2.63 | 69 | 157783 | 5.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 114.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.63 | 63 | 310964 | 3.91 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 78.20% | | | |
| 20) 2-Butanone-d5 | 6.59 | 46 | 201696 | 53.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.84% | | | |
| 24) Chloroform-d | 7.20 | 84 | 282719 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.89 | 65 | 132241 | 5.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.40% | | | |
| 32) Benzene-d6 | 7.85 | 84 | 553069 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.90 | 67 | 151789 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 94.00% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 510752 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.60% | | | |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79 | 35328 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 96.40% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 158354 | 56.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 113.22% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 65671 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.51 | 152 | 99503 | 5.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 3.70 | 43 | 9443 | 3.451 | ug/L | 72 |
| 15) Methyl Acetate | 3.94 | 43 | 40394 | 5.324 | ug/L # | 52 |
| 21) 2-Butanone | 6.78 | 43 | 47514 | 12.623 | ug/L # | 52 |
| 35) Methylcyclohexane | 8.90 | 83 | 37323 | 0.780 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 8.89 | 63 | 21135 | 0.815 | ug/L # | 95 |
| 39) cis-1,3-Dichloropropene | 9.68 | 75 | 4244 | 0.146 | ug/L # | 68 |
| 48) 2-Hexanone | 10.59 | 43 | 25044 | 4.196 | ug/L # | 70 |

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

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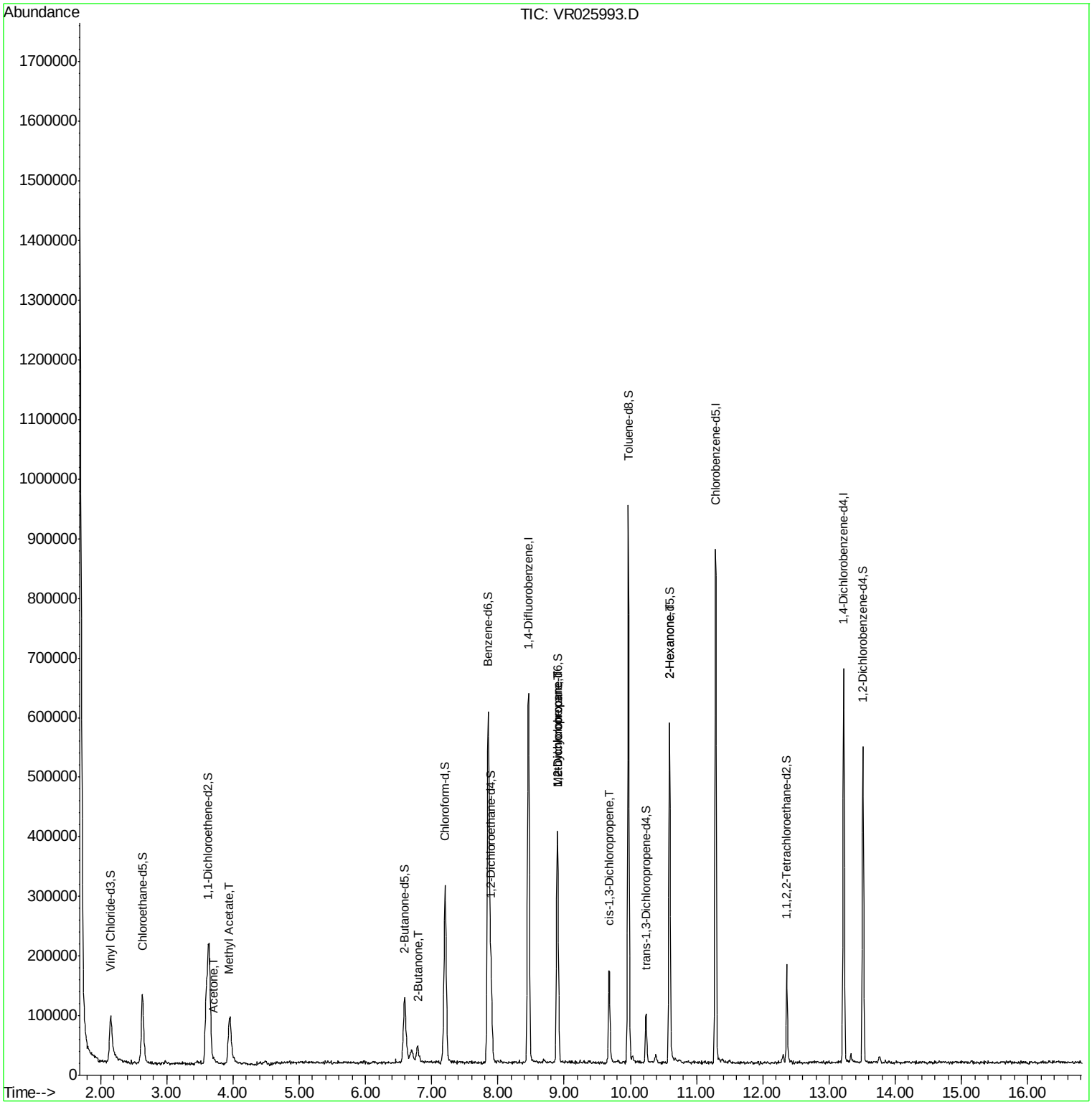
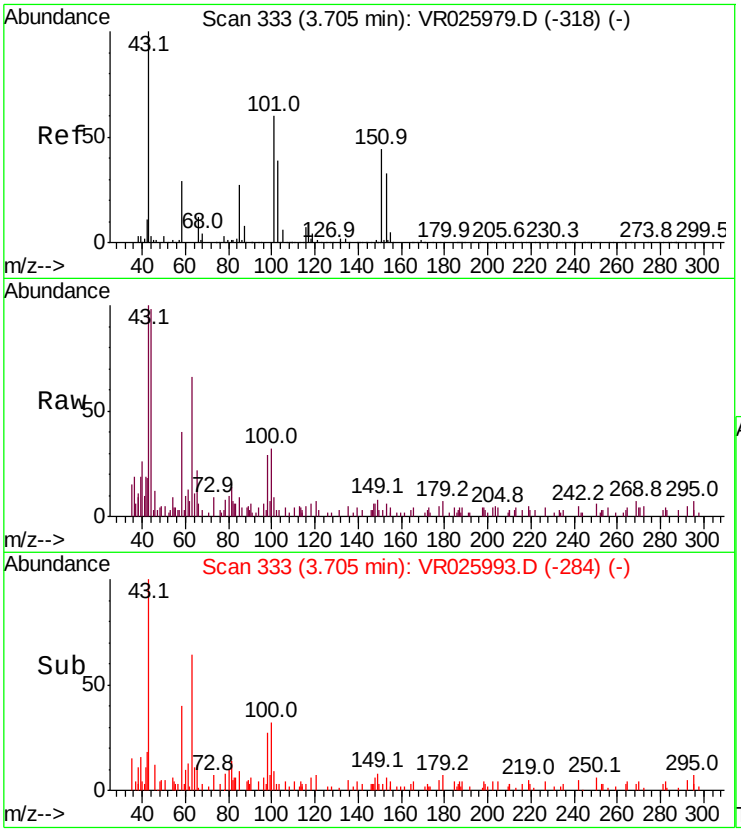
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 05:29:53 2018
Response via : Initial Calibration



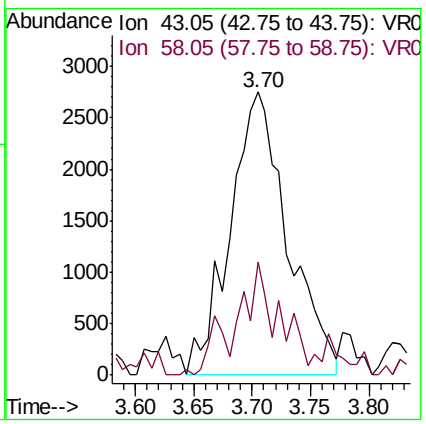


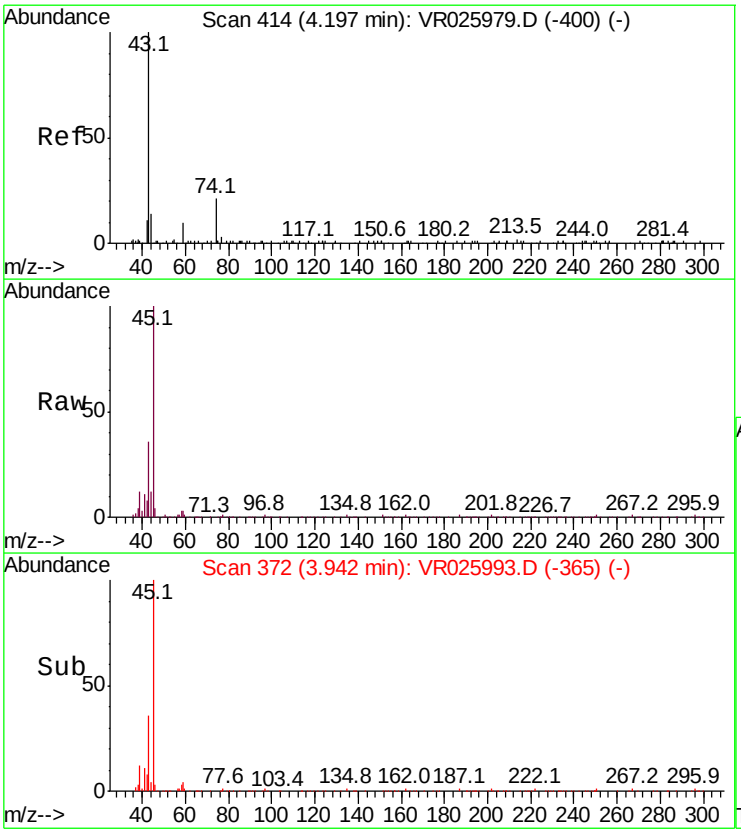

#13
Acetone
Concen: 3.451 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.00 min
Lab File: VR025993.D
Acq: 8 Oct 2018 18:58

**Instrument :**
MSVOA_R
**ClientSampleId :**

Tgt Ion: 43 Resp: 9443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 11.6 | 0.0 | 51.4 |

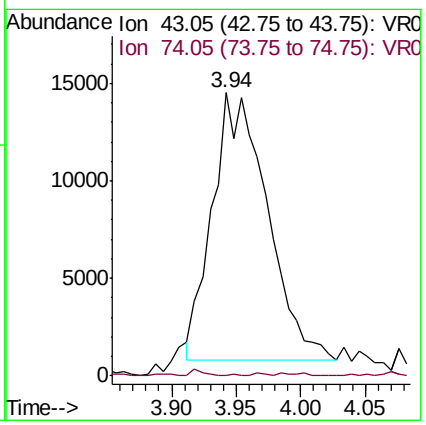


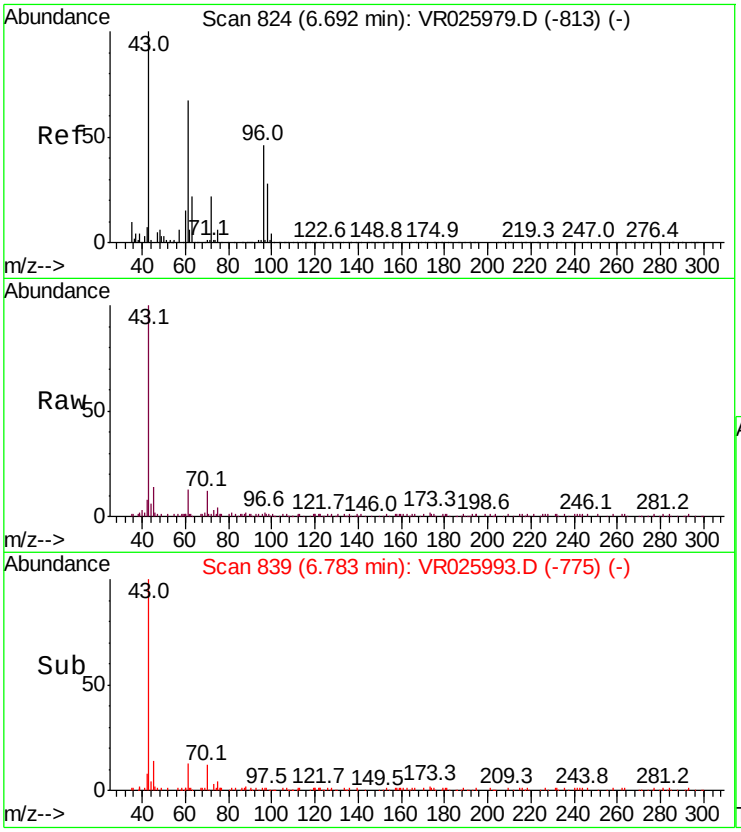




#15
Methyl Acetate
Concen: 5.324 ug/L
RT: 3.94 min Scan# 372
Delta R.T. -0.26 min
Lab File: VR025993.D
Acq: 8 Oct 2018 18:58

Tgt Ion: 43 Resp: 40394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.1 | 19.0 | 28.4# |



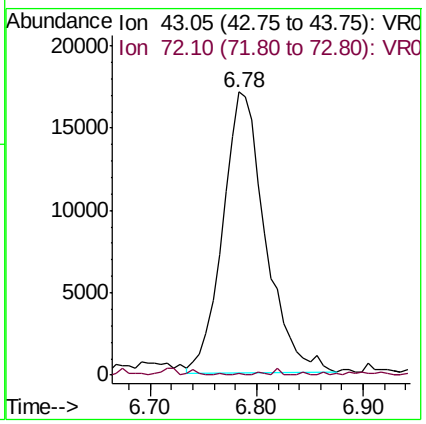


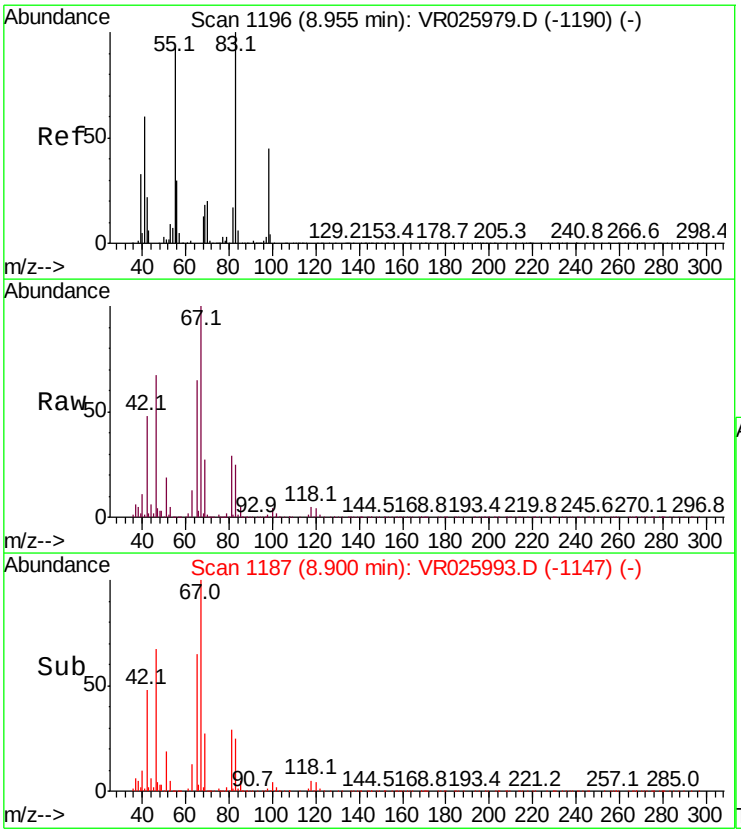

#21
2-Butanone
Concen: 12.623 ug/L
RT: 6.78 min Scan# 839
Delta R.T. 0.09 min
Lab File: VR025993.D
Acq: 8 Oct 2018 18:58

**Instrument :**
MSVOA_R
**ClientSampleId :**

Tgt Ion: 43 Resp: 47514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.1 | 11.9 | 35.7# |

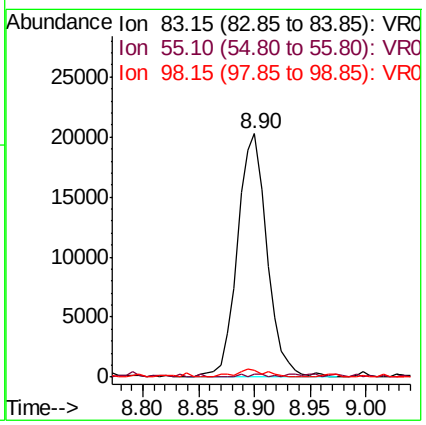


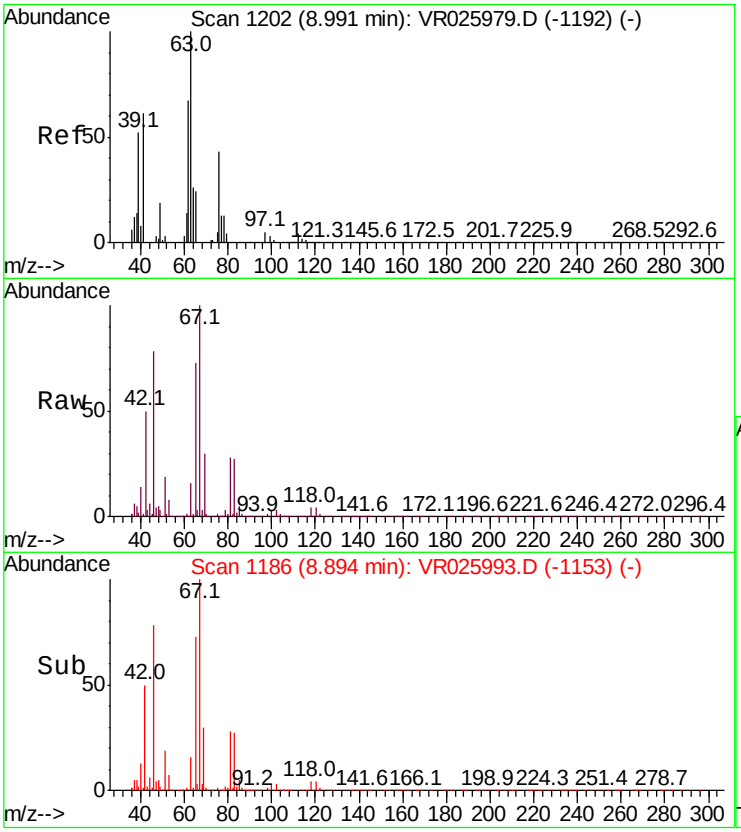




#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025993.D
Acq: 8 Oct 2018 18:58

Tgt Ion: 83 Resp: 37323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 71.8 | 107.6# |
| 98 | 3.3 | 34.2 | 51.4# |



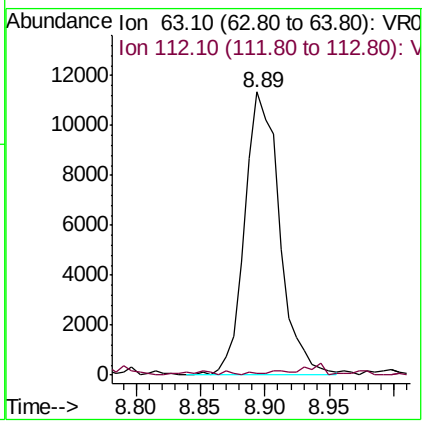


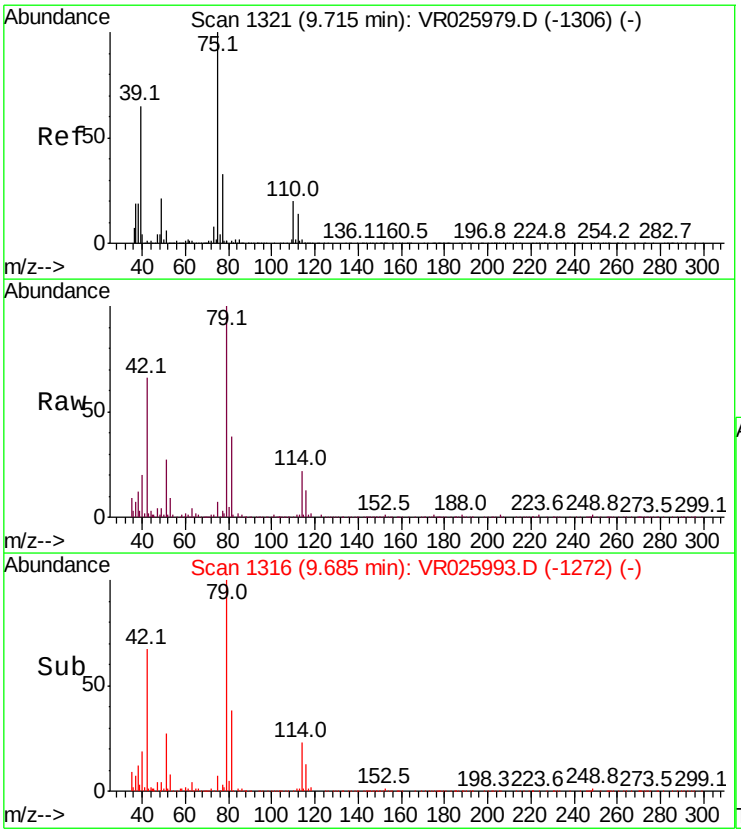

#37
1,2-Dichloropropane
Concen: 0.815 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025993.D
Acq: 8 Oct 2018 18:58

**Instrument :**
MSVOA_R
**ClientSampleId :**

Tgt Ion: 63 Resp: 21135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 1.3 | 2.5 | 3.7# |

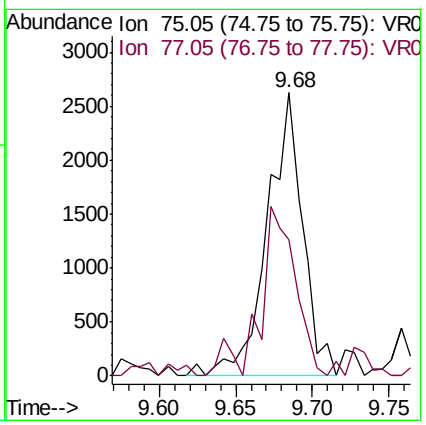


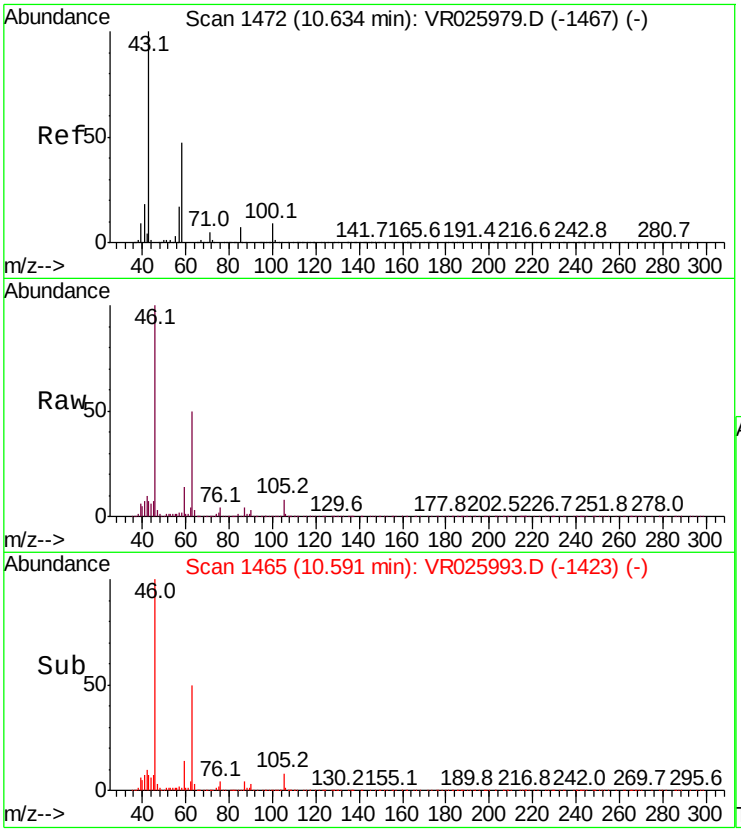




#39
cis-1,3-Dichloropropene
Concen: 0.146 ug/L
RT: 9.68 min Scan# 1316
Delta R.T. -0.03 min
Lab File: VR025993.D
Acq: 8 Oct 2018 18:58

Tgt Ion: 75 Resp: 4244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.3 | 21.5 | 39.9# |






#48
2-Hexanone
Concen: 4.196 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025993.D
Acq: 8 Oct 2018 18:58

**Instrument :**
MSVOA_R
**ClientSampleId :**

Tgt Ion: 43 Resp: 25044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.3 | 39.5 | 59.3# |
| 57 | 25.1 | 14.6 | 21.8# |
| 100 | 2.8 | 6.7 | 10.1# |