Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR073018\
Data File : VR025544.D
Acq On : 30 Jul 2018 17:49
Operator : SY/MD
Sample : J4202-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 31 08:27:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:41 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 638981 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.29 | 117 | 543042 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152 | 204090 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.14 | 65 | 182651 | 4.61 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.20% | | | |
| 7) Chloroethane-d5 | 2.64 | 69 | 133257 | 4.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 85.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.63 | 63 | 307331 | 3.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 67.20% | | | |
| 20) 2-Butanone-d5 | 6.60 | 46 | 150999 | 46.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 92.28% | | | |
| 24) Chloroform-d | 7.20 | 84 | 280315 | 4.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.89 | 65 | 103342 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.60% | | | |
| 32) Benzene-d6 | 7.86 | 84 | 653569 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.90 | 67 | 172523 | 4.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 90.20% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 638018 | 4.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.00% | | | |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79 | 39744 | 4.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.20% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 151521 | 48.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 96.98% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 75862 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.51 | 152 | 152367 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 3.71 | 43 | 45803 | 16.651 | ug/L | 95 |
| 14) Carbon disulfide | 3.96 | 76 | 31477 | 0.298 | ug/L | 96 |
| 16) Methylene chloride | 4.40 | 84 | 13352 | 0.346 | ug/L # | 68 |
| 21) 2-Butanone | 6.70 | 43 | 3660 | 0.958 | ug/L | 92 |
| 37) 1,2-Dichloropropane | 8.90 | 63 | 17372 | 0.492 | ug/L # | 92 |
| 40) 4-Methyl-2-pentanone | 9.88 | 43 | 2547 | 0.256 | ug/L # | 73 |
| 42) Toluene | 10.03 | 91 | 64802 | 0.363 | ug/L | 100 |
| 48) 2-Hexanone | 10.59 | 43 | 20651 | 3.077 | ug/L # | 63 |
| 69) Naphthalene | 15.00 | 128 | 6394 | 0.217 | ug/L # | 92 |

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

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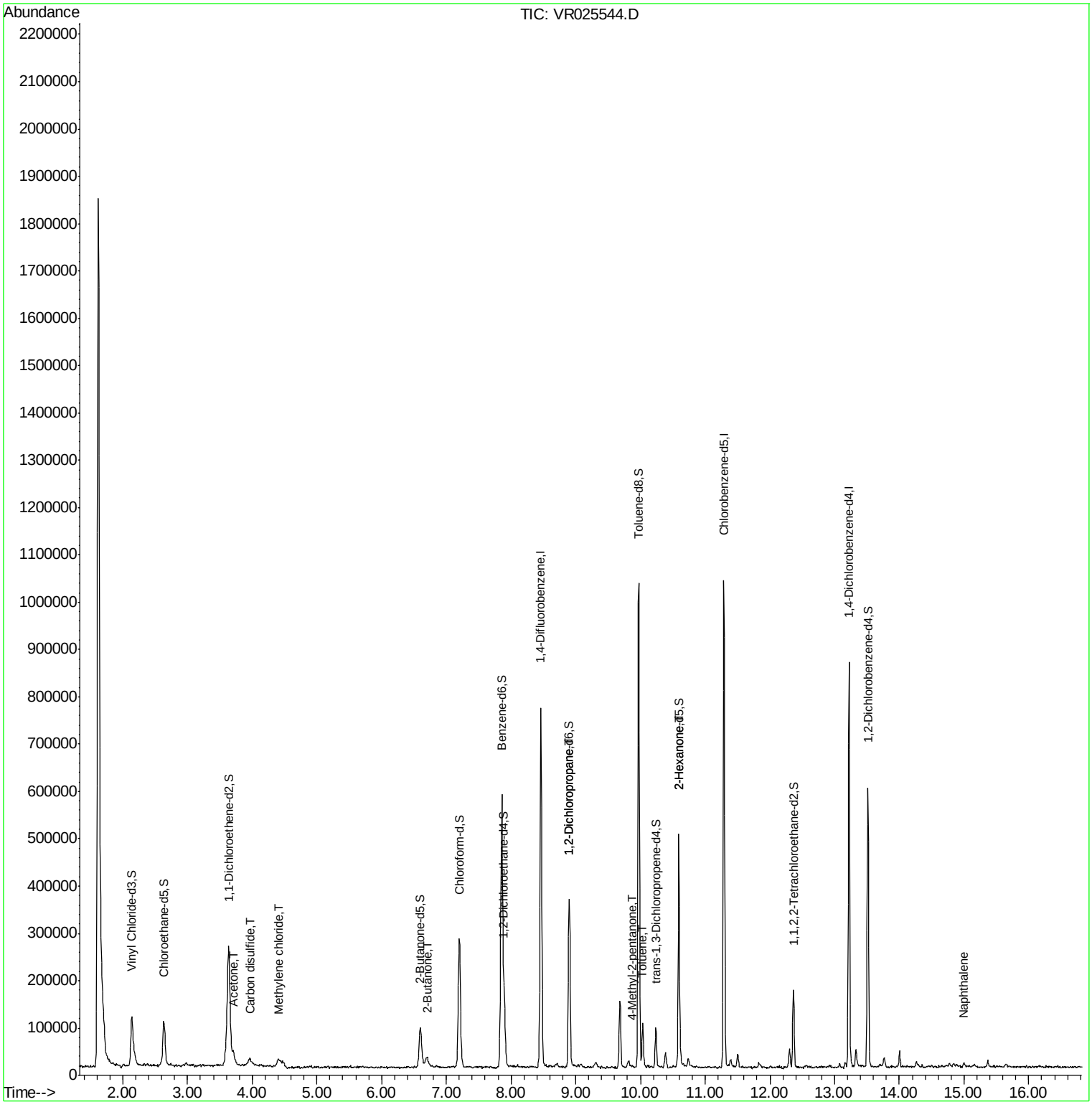
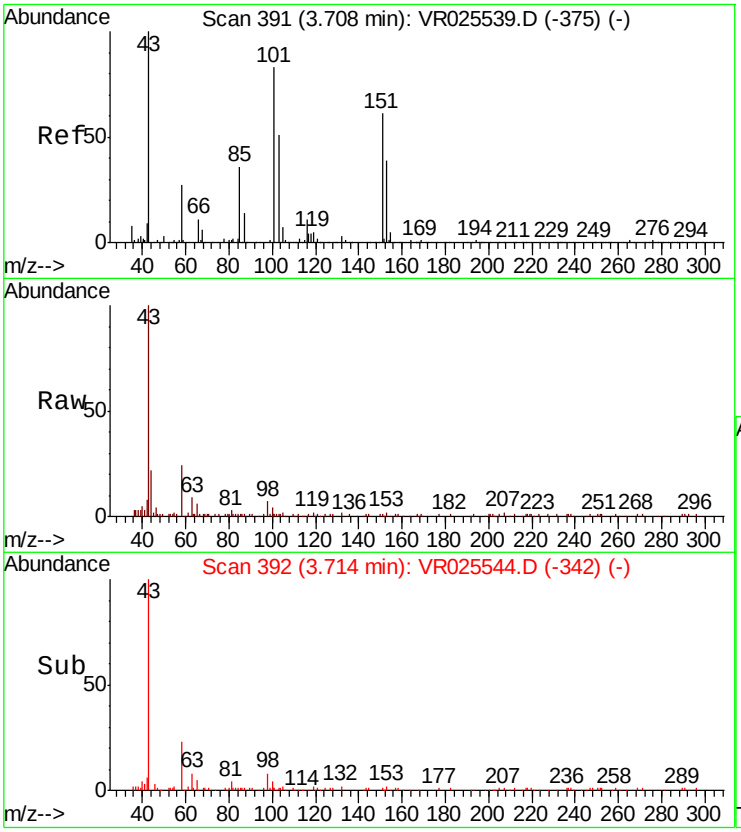
Acq On : 30 Jul 2018 17:49
Operator : SY/MD
Sample : J4202-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 31 08:27:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:41 2018
Response via : Initial Calibration



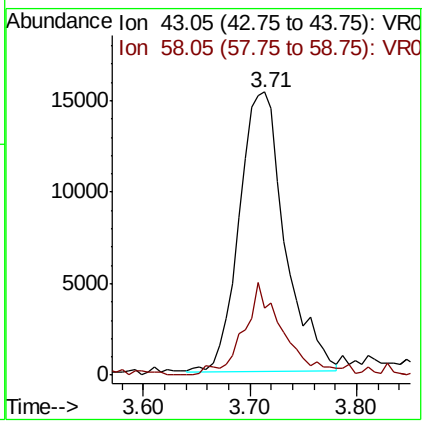


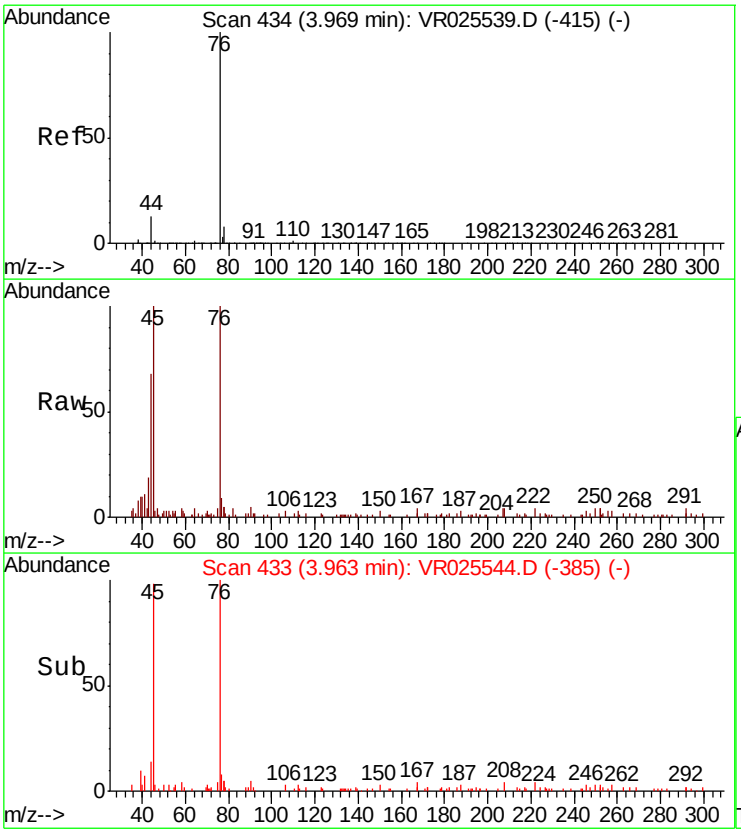

#13
Acetone
Concen: 16.651 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

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

Tgt Ion: 43 Resp: 45803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.4 | 0.0 | 53.4 |

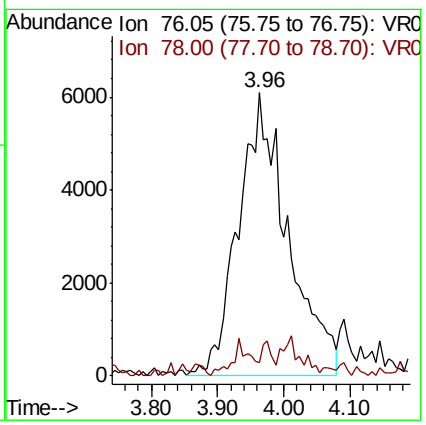


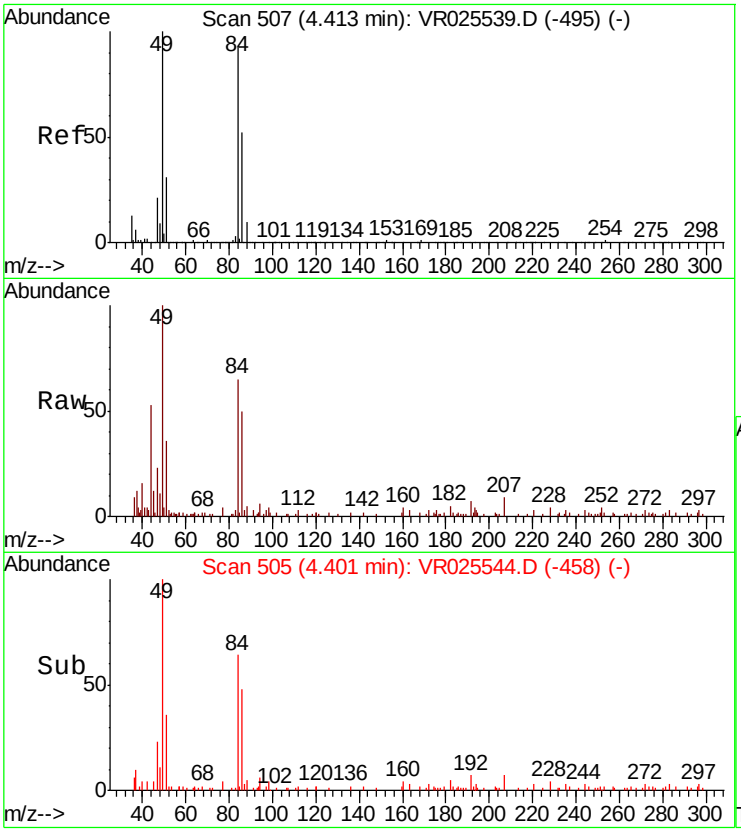




#14
Carbon disulfide
Concen: 0.298 ug/L
RT: 3.96 min Scan# 433
Delta R.T. -0.01 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

Tgt Ion: 76 Resp: 31477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 7.2 | 6.8 | 10.2 |



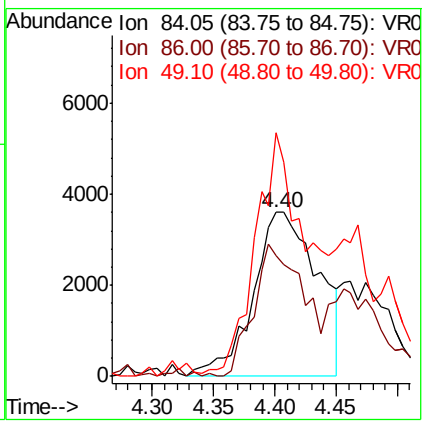


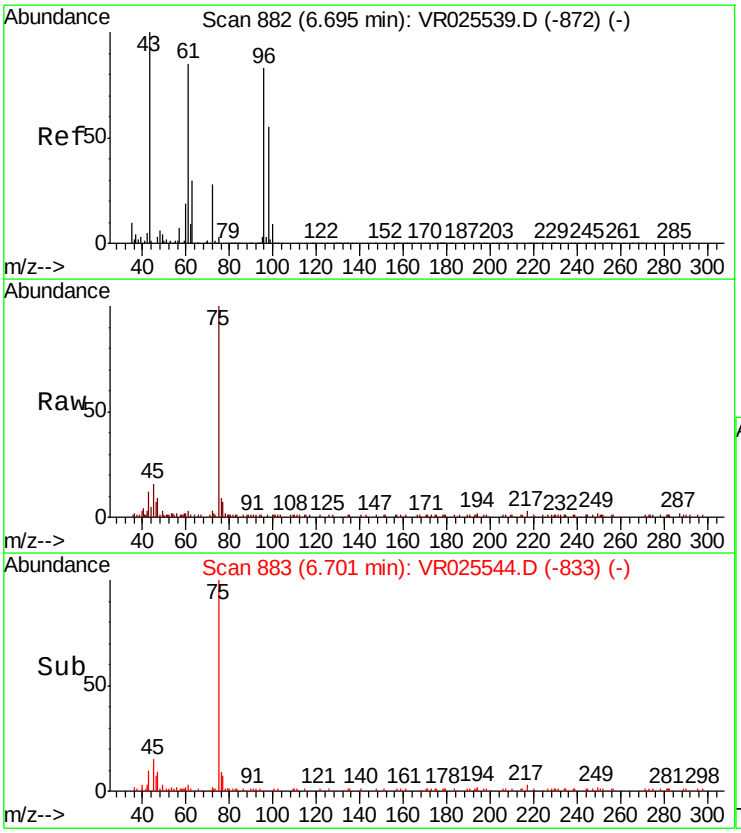

#16
Methylene chloride
Concen: 0.346 ug/L
RT: 4.40 min Scan# 505
Delta R.T. -0.01 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

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

Tgt Ion: 84 Resp: 13352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 73.9 | 40.4 | 75.0 |
| 49 | 148.5 | 76.2 | 141.4# |

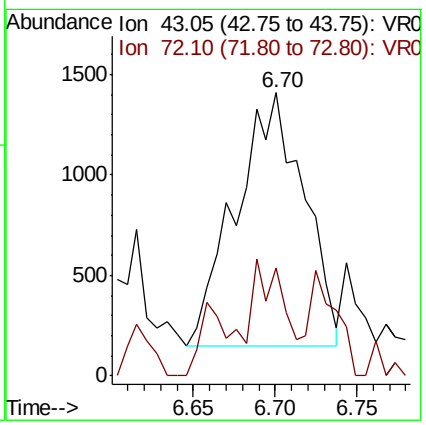


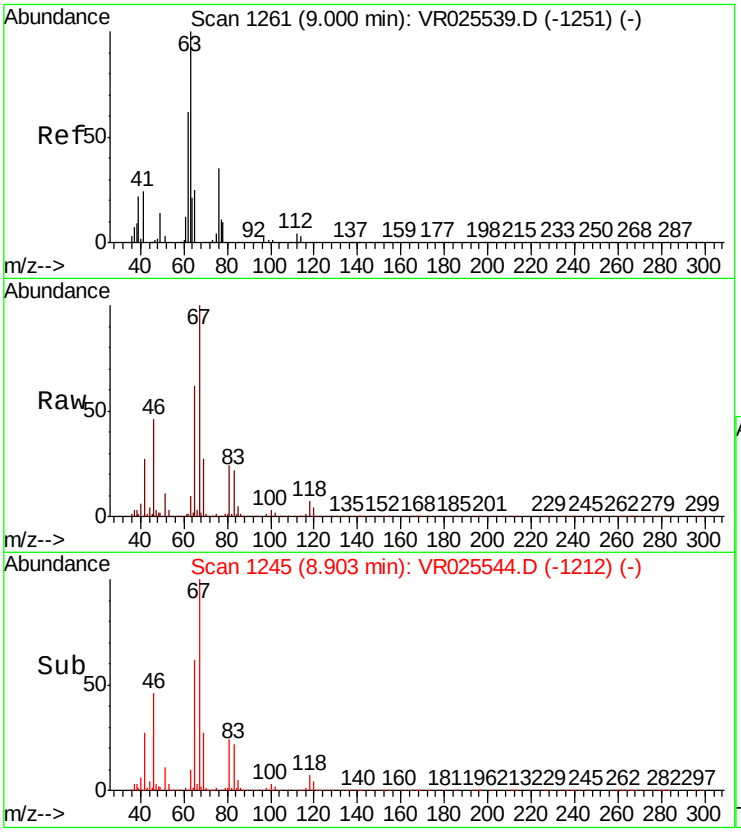




#21
2-Butanone
Concen: 0.958 ug/L
RT: 6.70 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

Tgt Ion: 43 Resp: 3660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.0 | 13.2 | 39.6 |



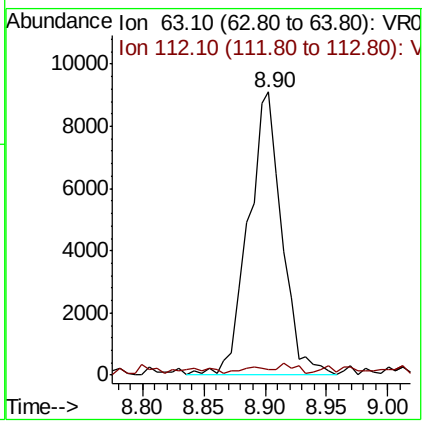


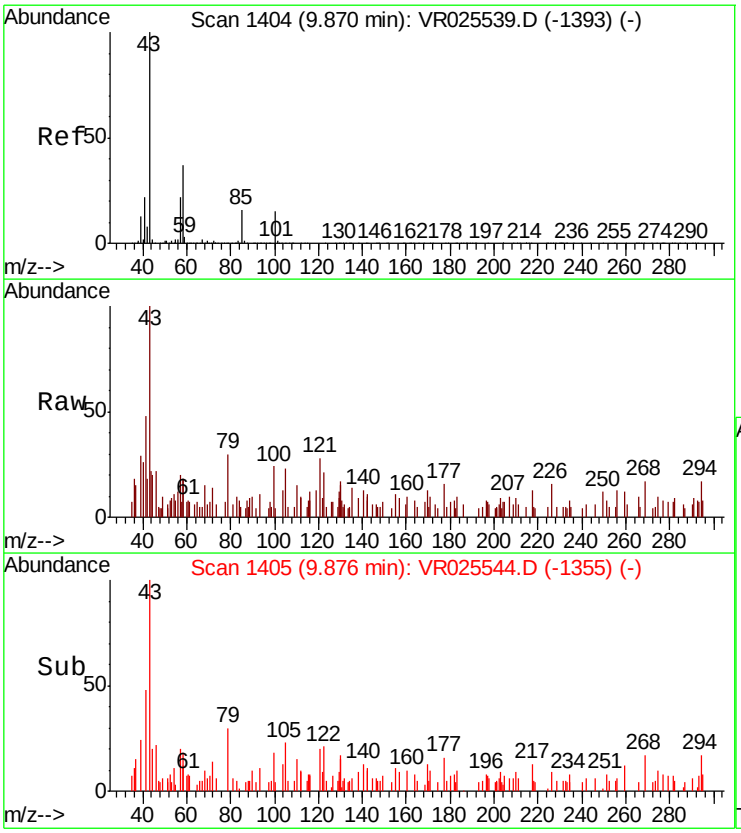

#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.10 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

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

Tgt Ion: 63 Resp: 17372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 1.4 | 3.3 | 4.9# |

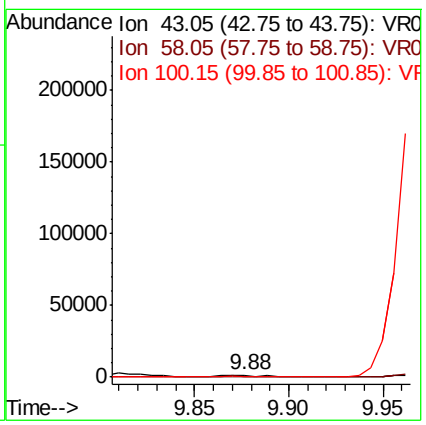


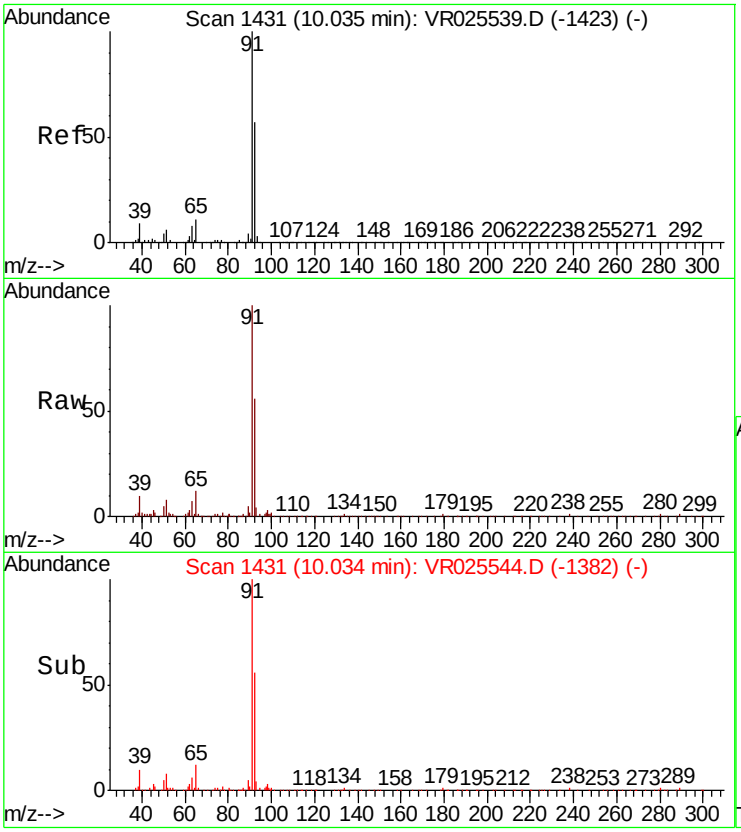




#40
4-Methyl-2-pentanone
Concen: 0.256 ug/L
RT: 9.88 min Scan# 1405
Delta R.T. 0.01 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

Tgt Ion: 43 Resp: 2547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.6 | 31.0 | 46.6# |
| 100 | 0.0 | 11.9 | 17.9# |



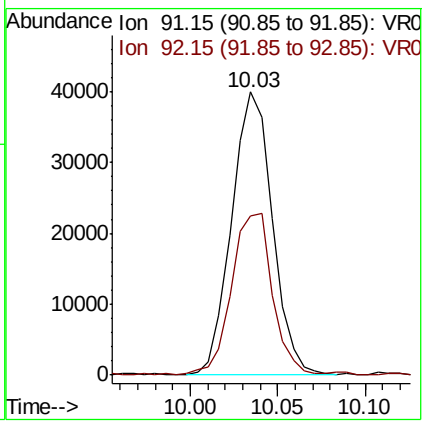


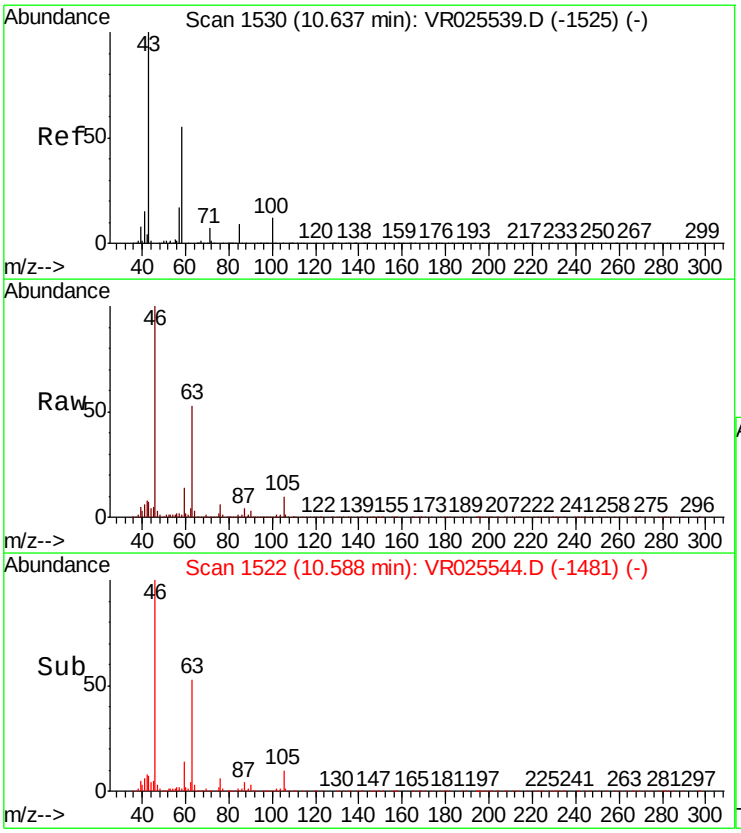

#42
Toluene
Concen: 0.363 ug/L
RT: 10.03 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

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

Tgt Ion: 91 Resp: 64802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.3 | 39.6 | 73.6 |

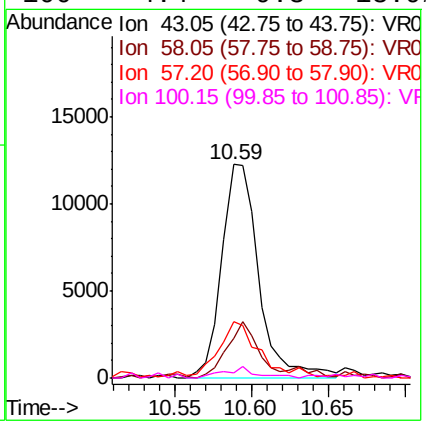


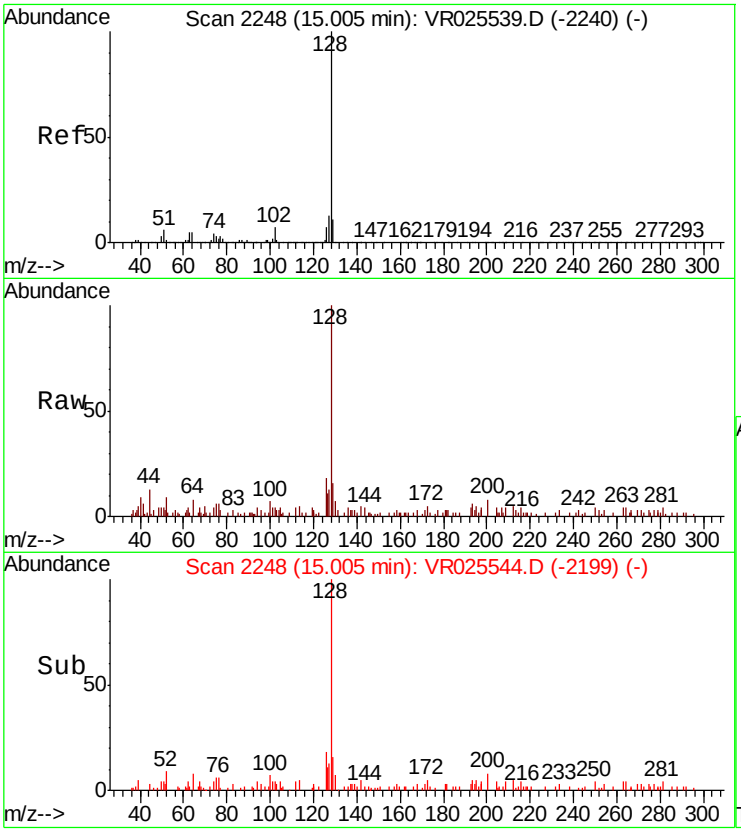




#48
2-Hexanone
Concen: 3.077 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

Tgt Ion: 43 Resp: 20651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 21.7 | 45.0 | 67.6# |
| 57 | 28.5 | 15.8 | 23.6# |
| 100 | 4.4 | 9.3 | 13.9# |






#69
Naphthalene
Concen: 0.217 ug/L
RT: 15.00 min Scan# 2248
Delta R.T. 0.00 min
Lab File: VR025544.D
Acq: 30 Jul 2018 17:49

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

Tgt Ion:128 Resp: 6394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 15.2 | 11.1 | 16.7 |
| 129 | 16.6 | 8.9 | 13.3# |