Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100918\
Data File : VR026013.D
Acq On : 9 Oct 2018 14:42
Operator : SY/MD
Sample : J5279-20DL 4X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 10 05:42:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 05:39:19 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 491719 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.29 | 117 | 406474 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152 | 134556 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.15 | 65 | 130954 | 3.38 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 67.60% | | | |
| 7) Chloroethane-d5 | 2.63 | 69 | 120919 | 3.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 76.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.63 | 63 | 234811 | 2.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 51.60%# | | | |
| 20) 2-Butanone-d5 | 6.59 | 46 | 133819 | 30.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 61.92% | | | |
| 24) Chloroform-d | 7.20 | 84 | 209710 | 3.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 62.20%# | | | |
| 26) 1,2-Dichloroethane-d4 | 7.90 | 65 | 91034 | 3.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 62.80%# | | | |
| 32) Benzene-d6 | 7.85 | 84 | 406210 | 3.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 60.00%# | | | |
| 36) 1,2-Dichloropropane-d6 | 8.90 | 67 | 111848 | 3.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 61.40% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 364316 | 2.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 57.40%# | | | |
| 43) trans-1,3-Dichloropropene- | 10.23 | 79 | 24852 | 3.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 60.20% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 96752 | 30.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 61.32% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 43609 | 2.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 59.00%# | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.51 | 152 | 73253 | 3.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 68.00%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 14) Carbon disulfide | 3.95 | 76 | 21392697 | 238.070 | ug/L # | 94 |
| 15) Methyl Acetate | 4.19 | 43 | 813 | 0.094 | ug/L # | 52 |
| 21) 2-Butanone | 6.78 | 43 | 76135 | 17.667 | ug/L # | 52 |
| 34) Trichloroethene | 8.46 | 95 | 17805 | 0.496 | ug/L # | 15 |
| 35) Methylcyclohexane | 8.90 | 83 | 26276 | 0.486 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 8.90 | 63 | 13909 | 0.476 | ug/L # | 97 |
| 44) trans-1,3-Dichloropropene | 10.23 | 75 | 2600 | 0.121 | ug/L | 90 |
| 66) 1,2-Dibromo-3-chloropropan | 14.14 | 75 | 252 | 0.190 | ug/L # | 40 |

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

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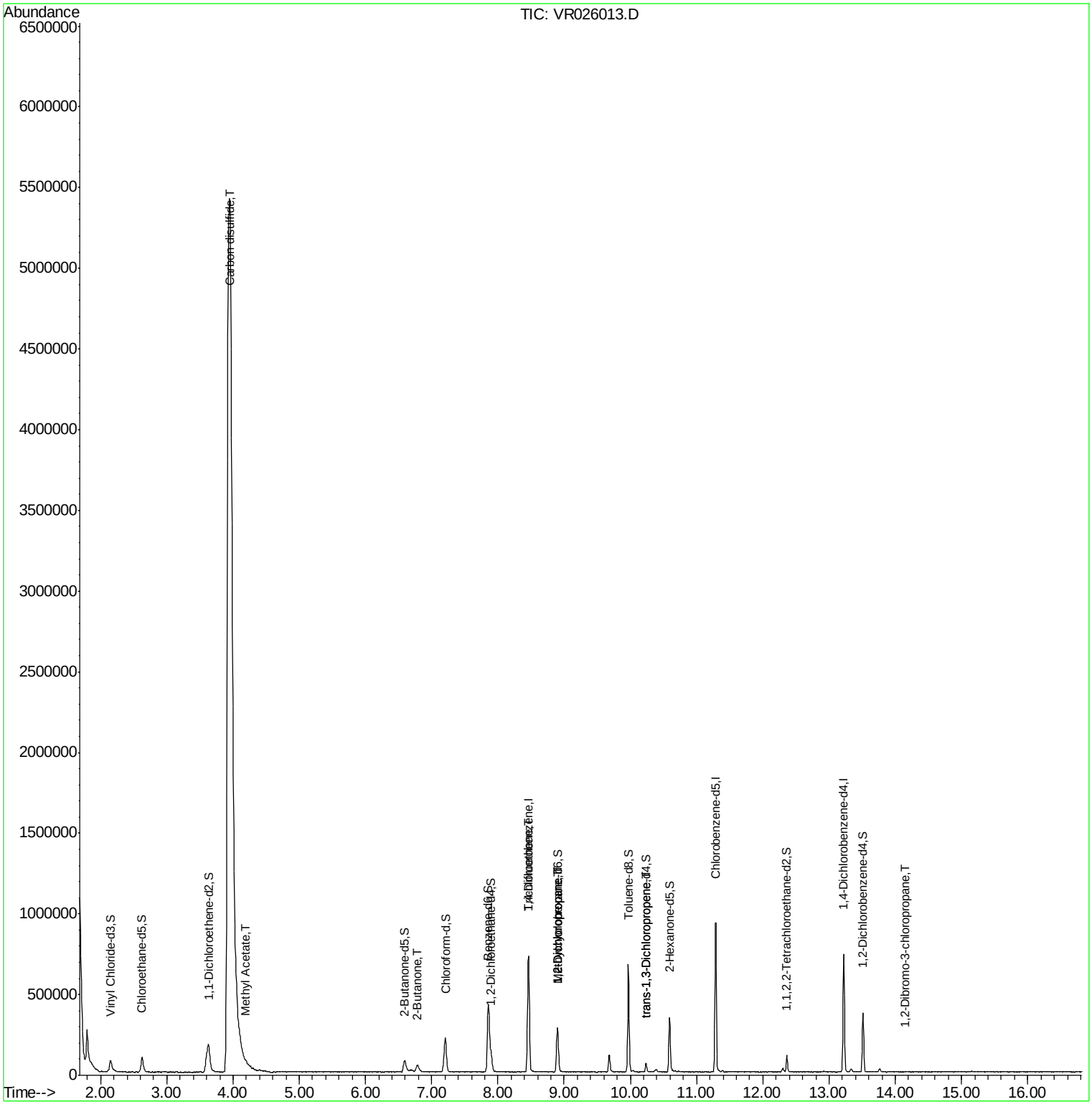
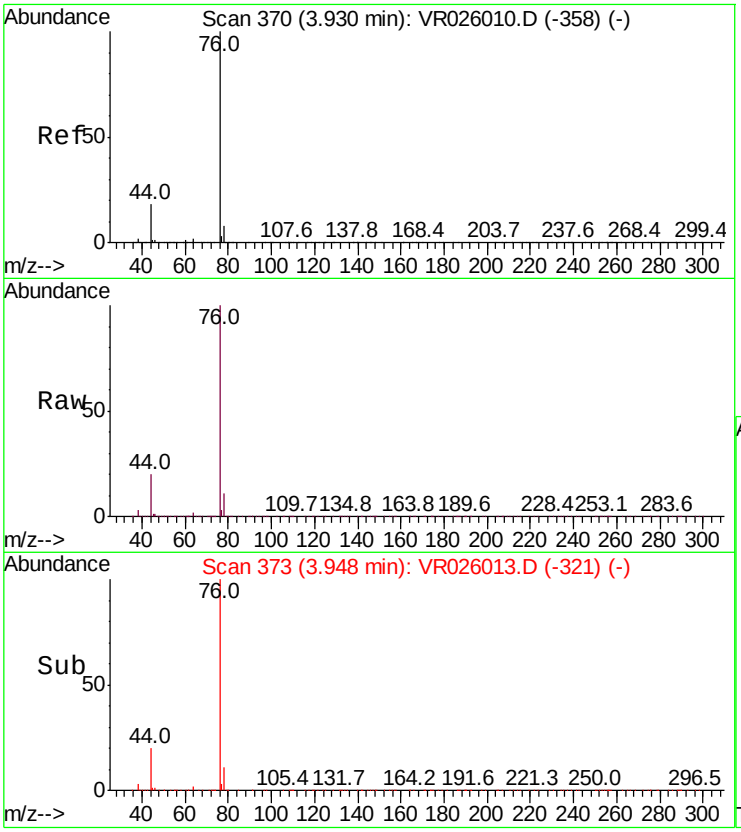
Acq On : 9 Oct 2018 14:42
Operator : SY/MD
Sample : J5279-20DL 4X
Misc : 25mL/MSVOA R/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 10 05:42:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 05:39:19 2018
Response via : Initial Calibration



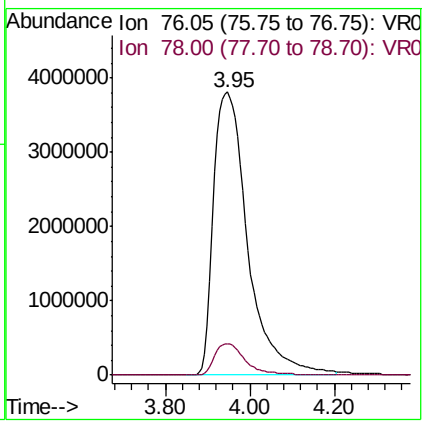


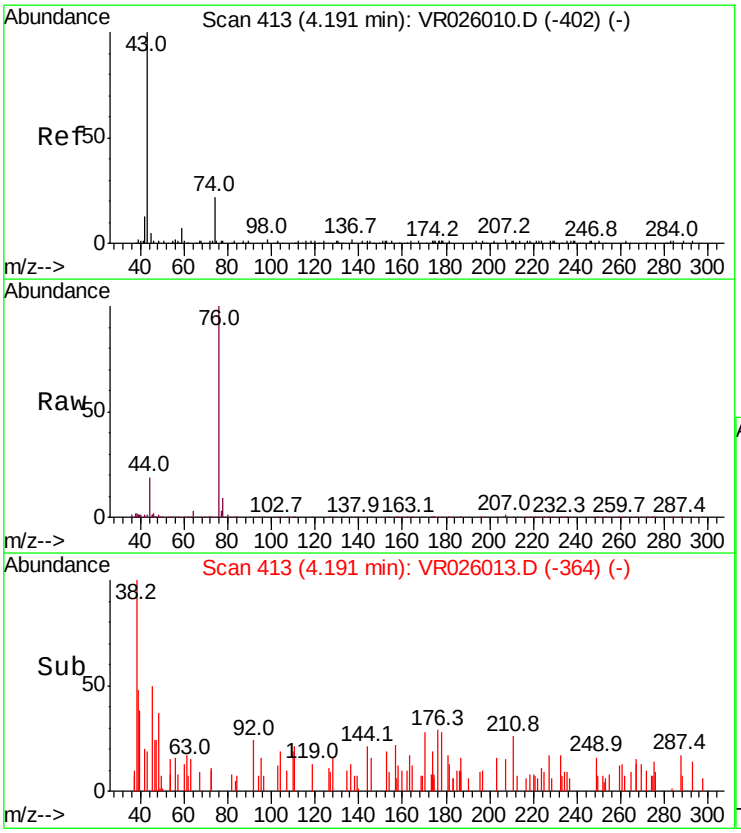

#14
Carbon disulfide
Concen: 238.070 ug/L
RT: 3.95 min Scan# 373
Delta R.T. 0.02 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

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

Tgt Ion: 76 Resp:21392697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.1 | 7.0 | 10.6# |

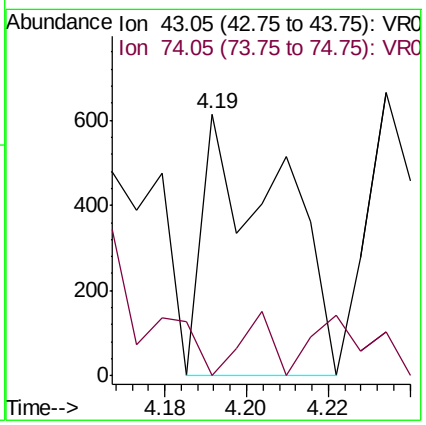


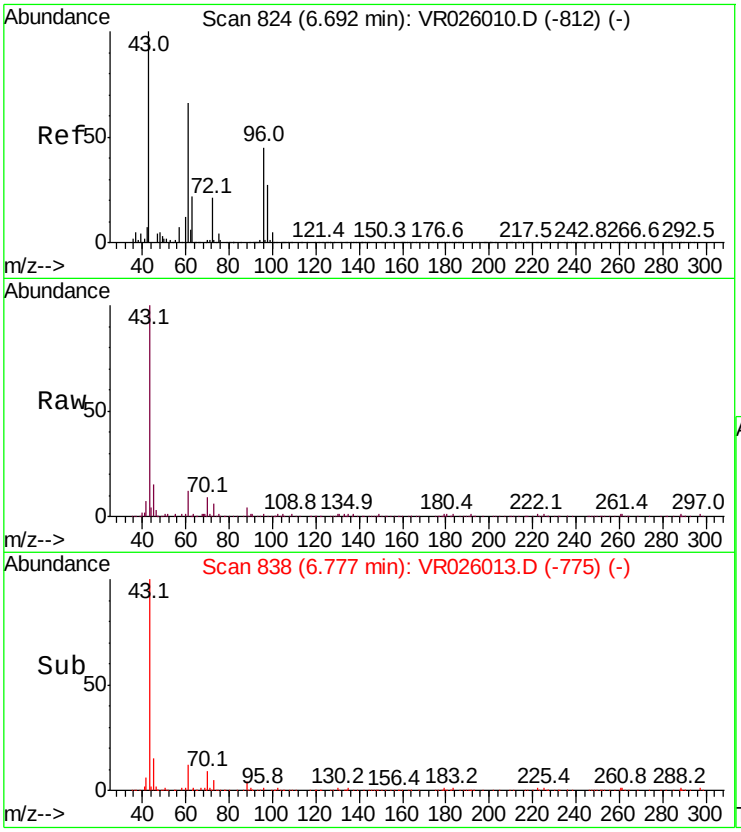




#15
Methyl Acetate
Concen: 0.094 ug/L
RT: 4.19 min Scan# 413
Delta R.T. 0.00 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

Tgt Ion: 43 Resp: 813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 19.0 | 28.4# |



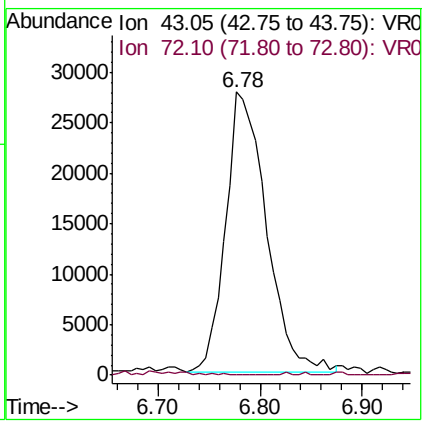


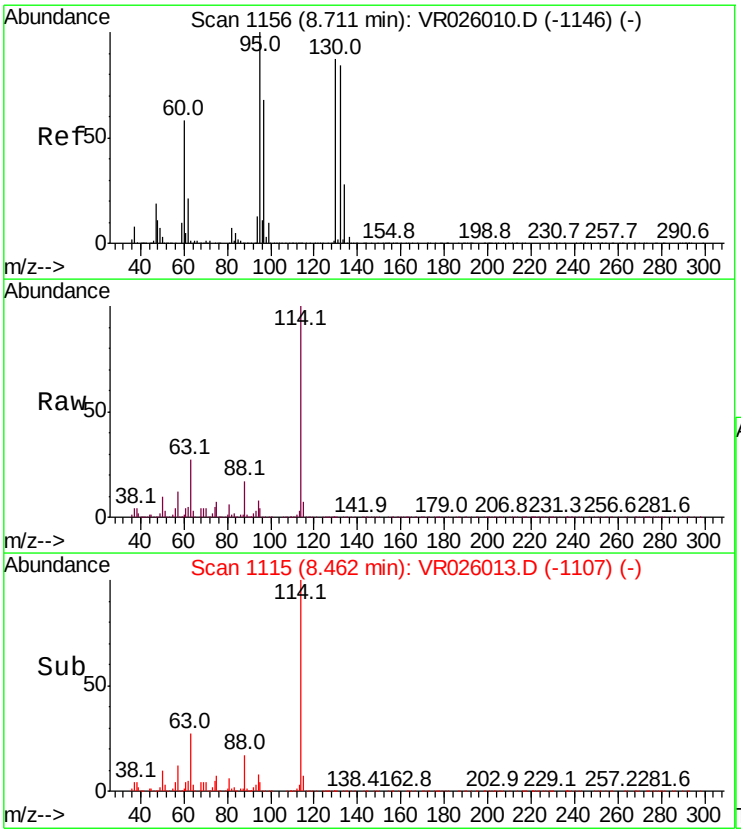

#21
2-Butanone
Concen: 17.667 ug/L
RT: 6.78 min Scan# 838
Delta R.T. 0.09 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

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

Tgt Ion: 43 Resp: 76135

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

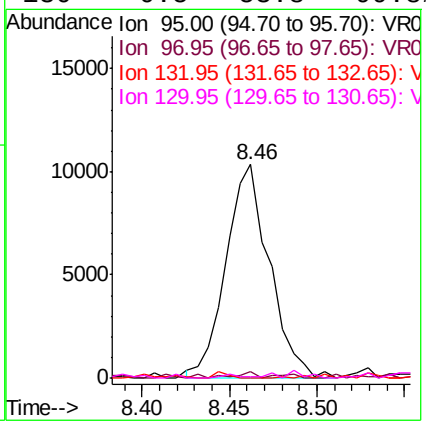


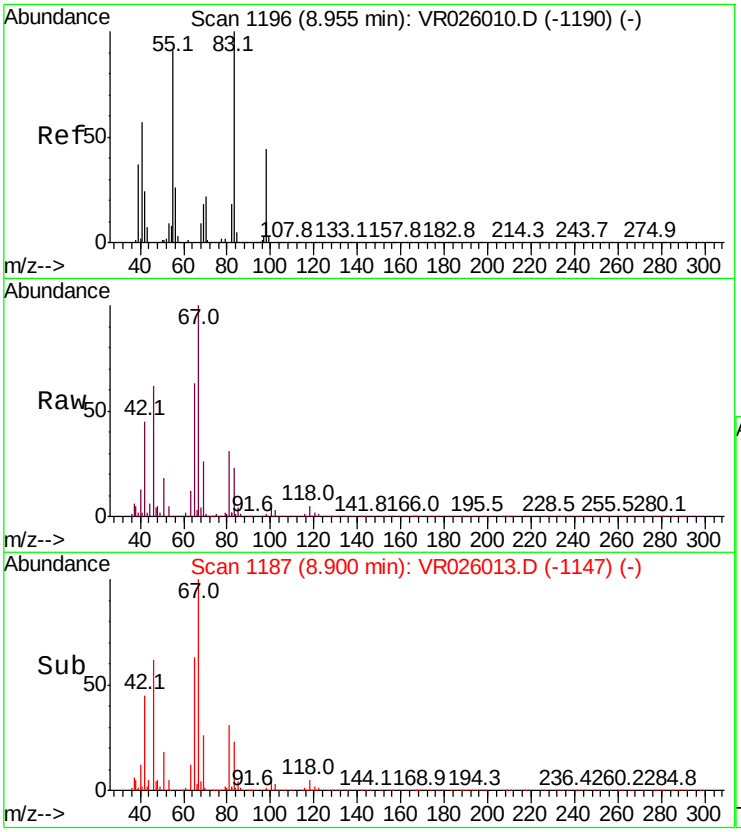




#34
Trichloroethene
Concen: 0.496 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

Tgt Ion: 95 Resp: 17805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 2.8 | 43.9 | 81.5# |
| 132 | 0.0 | 53.3 | 98.9# |
| 130 | 0.5 | 53.8 | 99.8# |



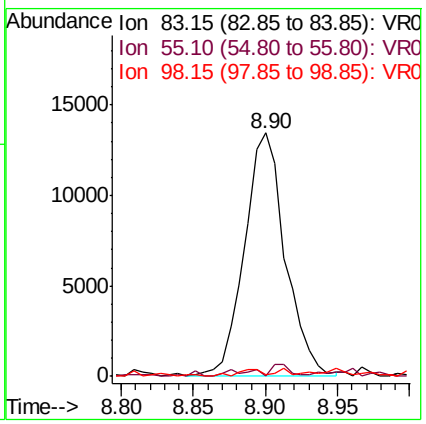


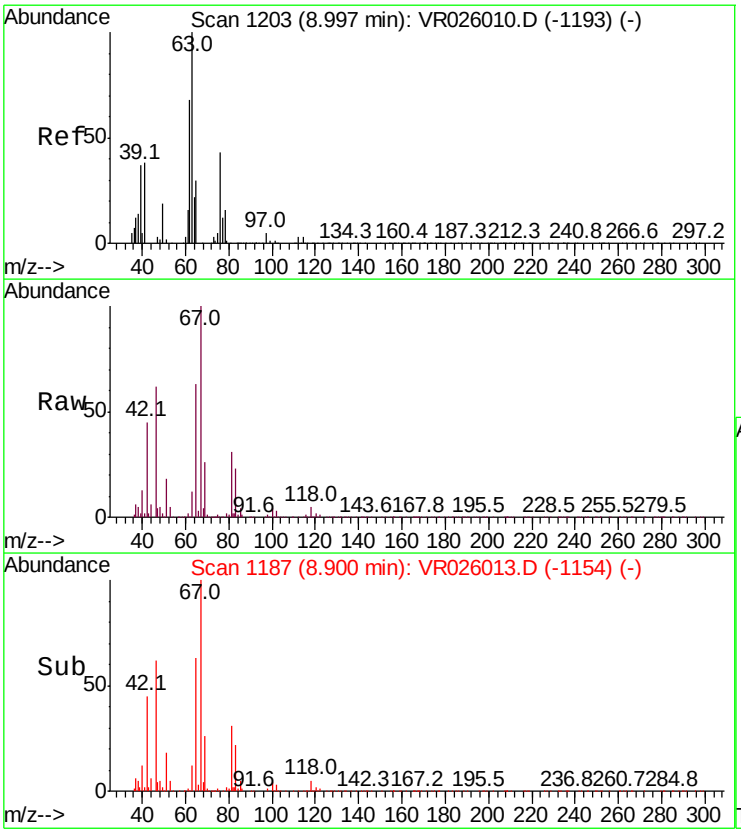

#35
Methylcyclohexane
Concen: 0.486 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

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

Tgt Ion: 83 Resp: 26276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 2.1 | 71.8 | 107.6# |
| 98 | 0.9 | 34.2 | 51.4# |

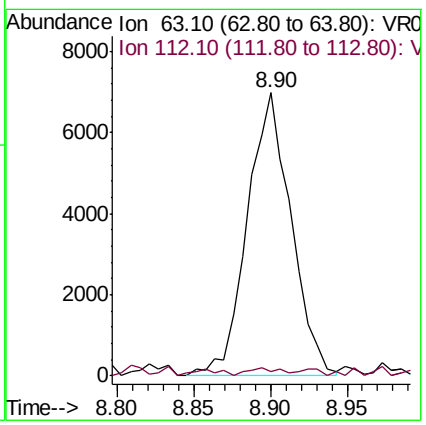


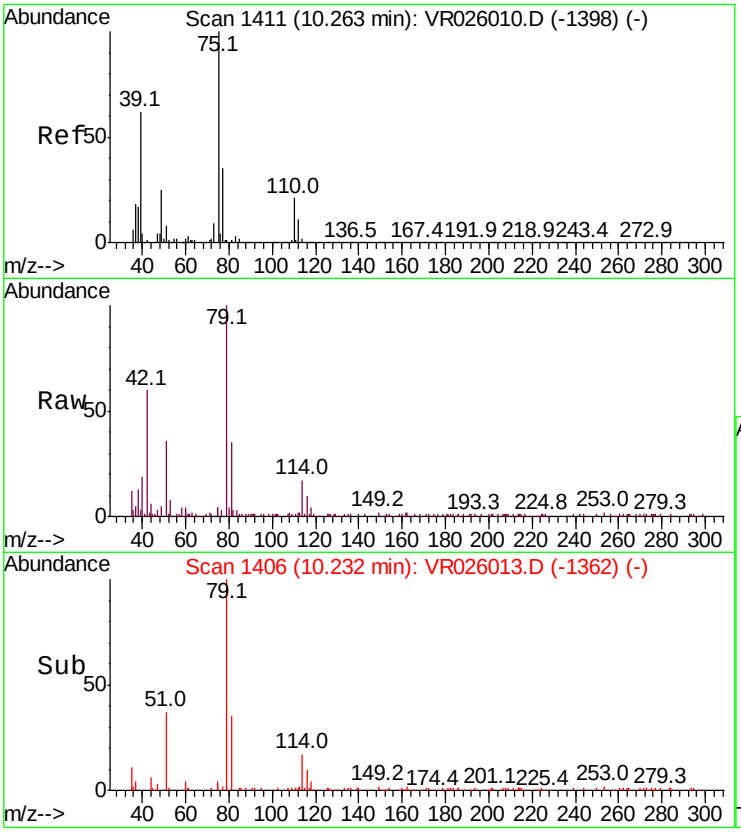




#37
1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

Tgt Ion: 63 Resp: 13909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 2.1 | 2.5 | 3.7# |



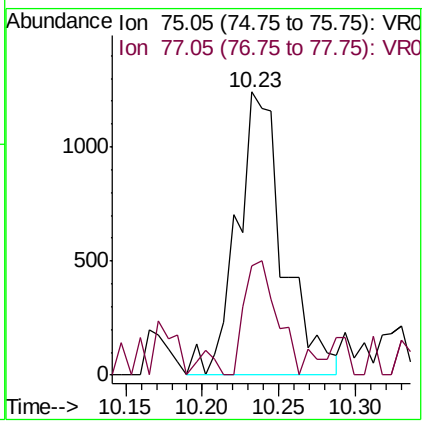


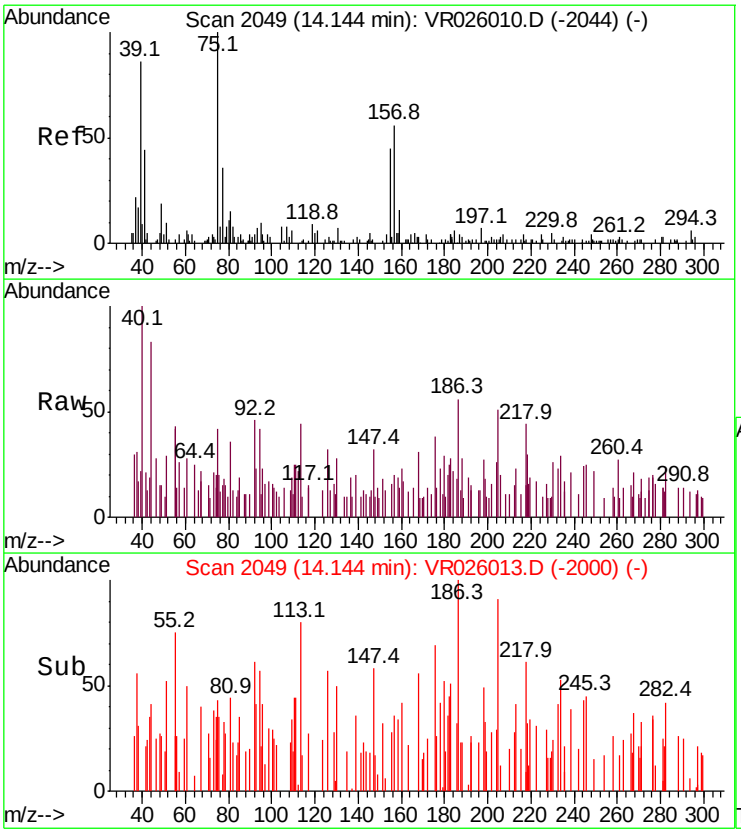

#44
trans-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

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

Tgt Ion: 75 Resp: 2600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.5 | 23.0 | 42.8 |




#66
1,2-Dibromo-3-chloropropane
Concen: 0.190 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VR026013.D
Acq: 9 Oct 2018 14:42

Tgt Ion: 75 Resp: 252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 25.4 | 37.8 | 56.6# |
| 157 | 0.0 | 49.7 | 74.5# |