Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022819\

Quantitation Report (Not Reviewed)

Data File : VV009421.D
Acq On : 28 Feb 2019 14:03
Operator : SY/MD
Sample : VV0228WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK65

Quant Time: Mar 01 03:53:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 102123 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 94997 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 44331 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 27203 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 102.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 25037 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 104.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 52284 | 3.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 77.40% | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 56780 | 56.13 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 112.26% | | | |
| 24) Chloroform-d | 4.40 | 84 | 53795 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 27611 | 5.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.20% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 113465 | 5.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 112.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 34916 | 5.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 113.80% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 111812 | 5.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 108.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 13696 | 5.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 100.80% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 48468 | 54.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 109.92% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 25396 | 5.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 106.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 38485 | 5.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.00% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 643 | 0.085 | ug/L # | 24 |
| 16) Methylene chloride | 2.54 | 84 | 1333 | 0.179 | ug/L | 91 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 3740 | 0.619 | ug/L # | 88 |
| 44) trans-1,3-Dichloropropene | 7.67 | 75 | 822 | 0.111 | ug/L # | 75 |
| 69) Naphthalene | 13.56 | 128 | 767 | 0.061 | ug/L # | 70 |
| 70) 1,2,3-Trichlorobenzene | 13.80 | 180 | 392 | 0.057 | ug/L # | 82 |

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

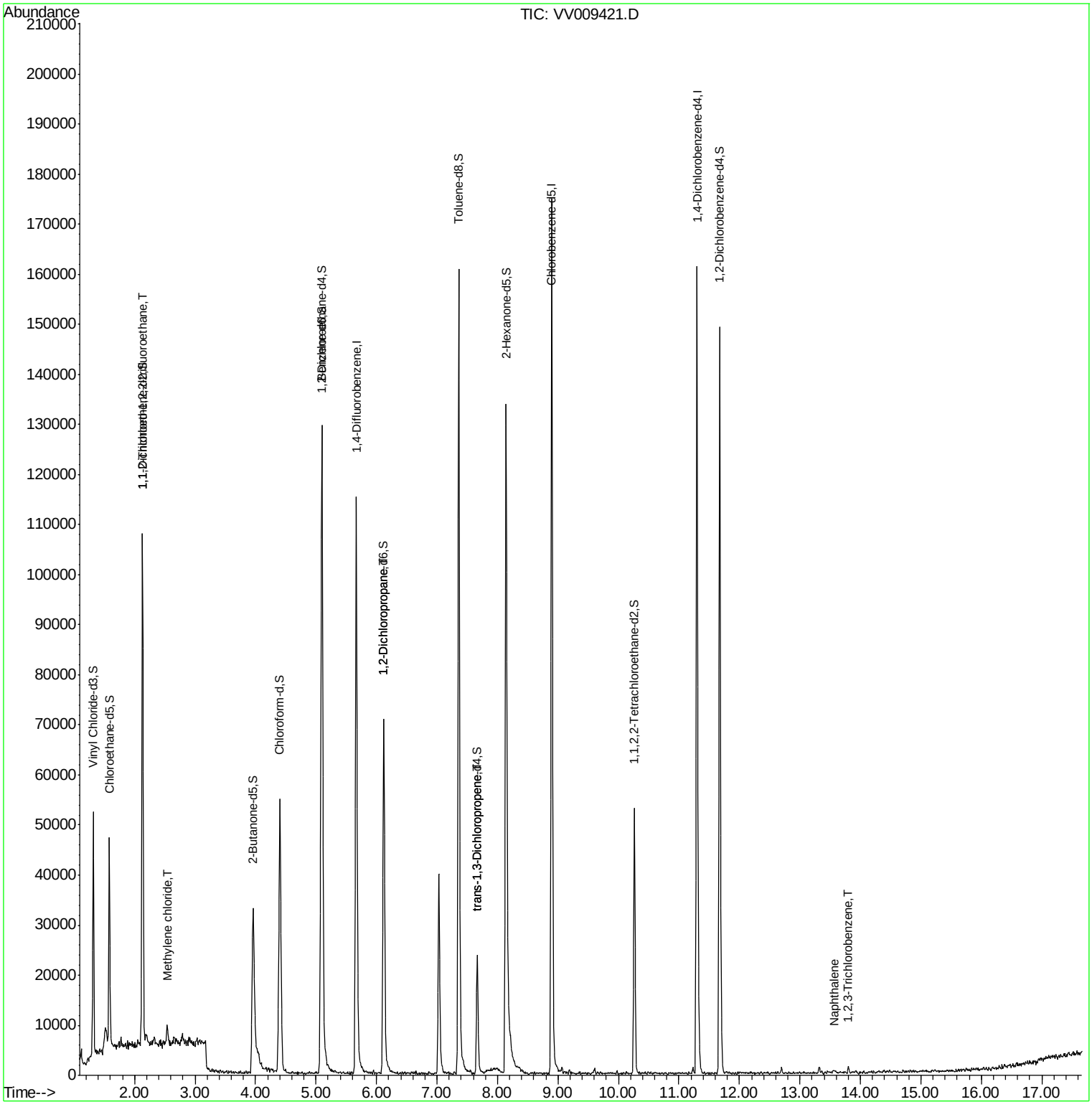
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022819\

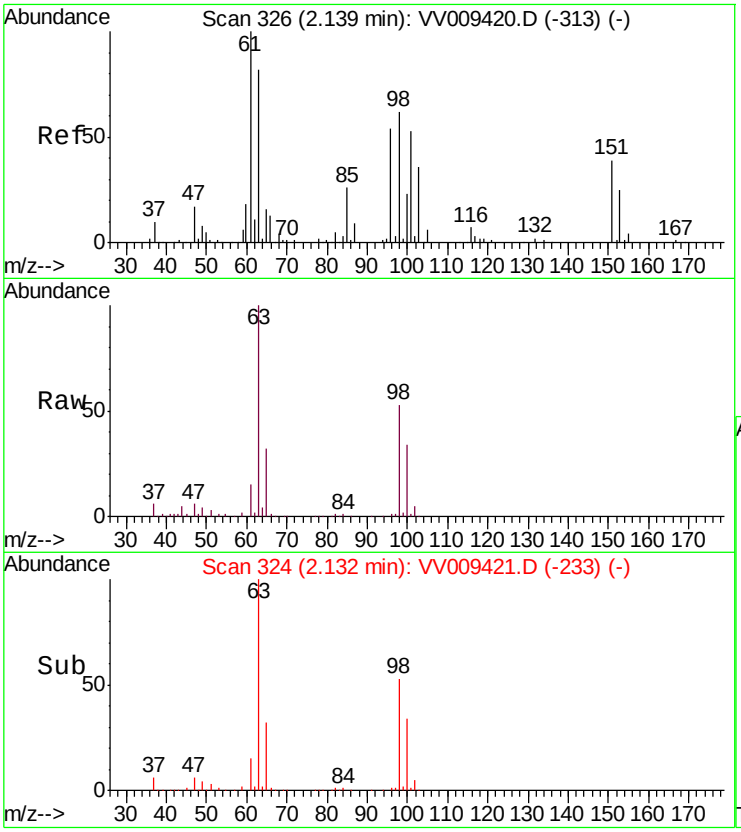
Quantitation Report (Not Reviewed)

Data File : VV009421.D
Acq On : 28 Feb 2019 14:03
Operator : SY/MD
Sample : VV0228WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK65

Quant Time: Mar 01 03:53:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration



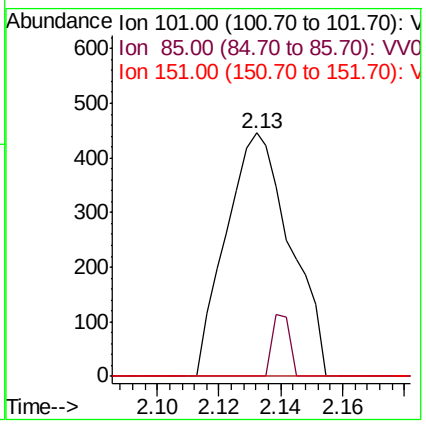


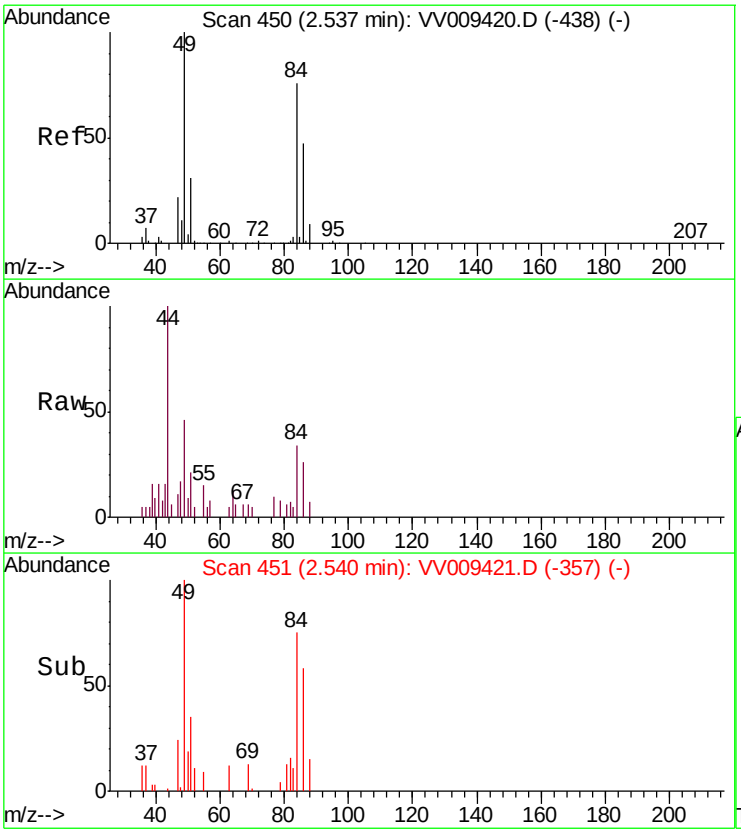

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.085 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV009421.D
Acq: 28 Feb 2019 14:03

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK65

Tgt Ion:101 Resp: 643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 6.7 | 38.2 | 57.4# |
| 151 | 0.0 | 58.0 | 87.0# |

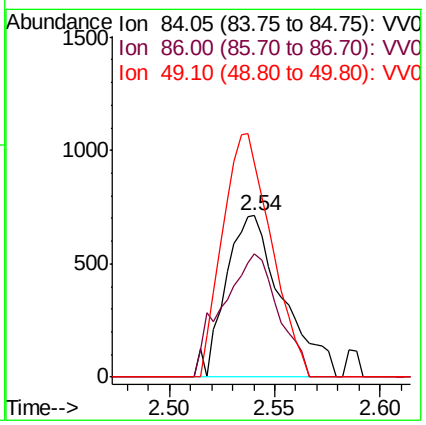


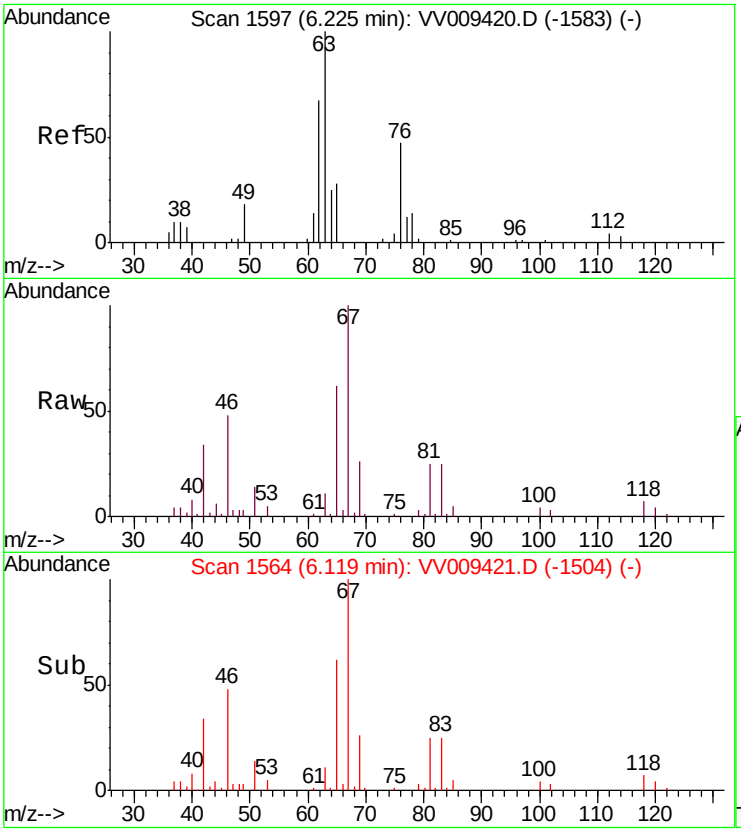




#16
Methylene chloride
Concen: 0.179 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV009421.D
Acq: 28 Feb 2019 14:03

Tgt Ion: 84 Resp: 1333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 76.8 | 42.8 | 79.4 |
| 49 | 132.9 | 90.6 | 168.2 |



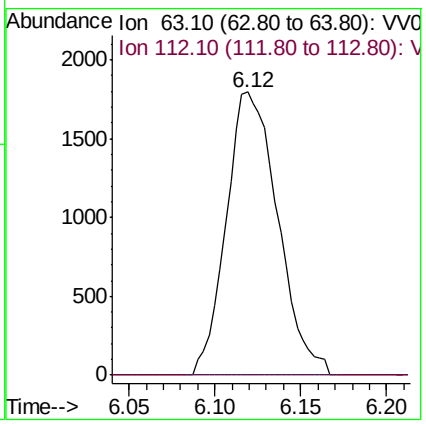


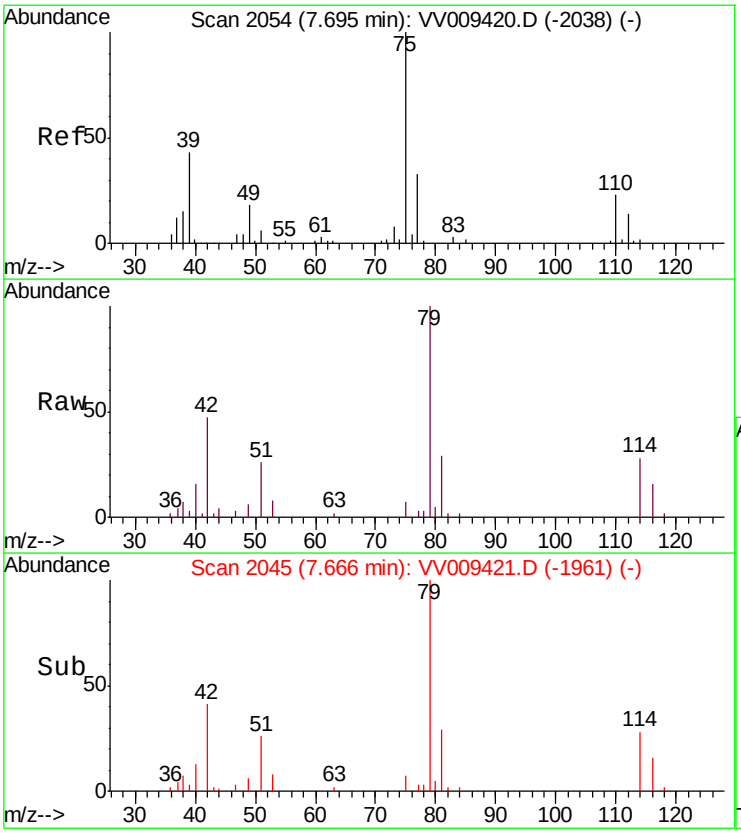

#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV009421.D
Acq: 28 Feb 2019 14:03

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK65

Tgt Ion: 63 Resp: 3740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |

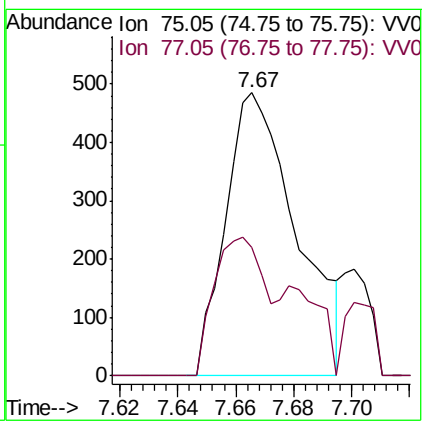


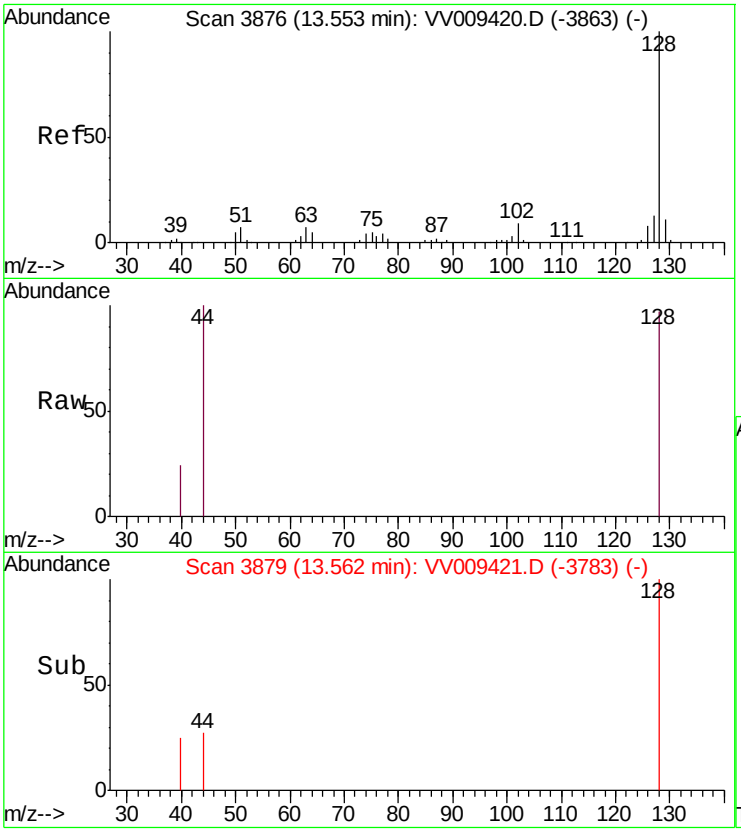




#44
trans-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009421.D
Acq: 28 Feb 2019 14:03

Tgt Ion: 75 Resp: 822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.4 | 22.2 | 41.2# |



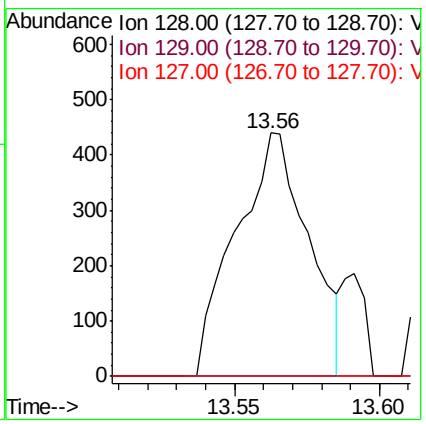


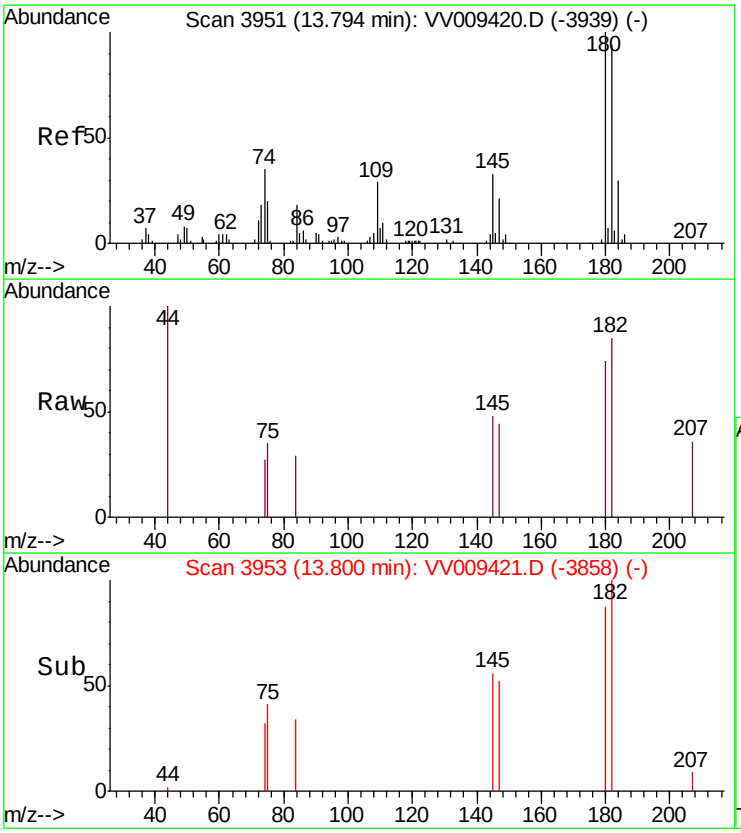

#69
Naphthalene
Concen: 0.061 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.01 min
Lab File: VV009421.D
Acq: 28 Feb 2019 14:03

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK65

Tgt Ion:128 Resp: 767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 8.5 | 12.7# |
| 127 | 0.0 | 10.1 | 15.1# |




#70
1,2,3-Trichlorobenzene
Concen: 0.057 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.01 min
Lab File: VV009421.D
Acq: 28 Feb 2019 14:03

Tgt Ion:180 Resp: 392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 107.7 | 75.7 | 113.5 |
| 145 | 51.8 | 27.6 | 41.4# |