Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091818\

Quantitation Report (Not Reviewed)

Data File : VV007619.D
Acq On : 18 Sep 2018 23:16
Operator : SY/MD
Sample : J4918-09DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0KX9DL

Quant Time: Sep 19 01:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 114949 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 105210 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 56584 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 25087 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 91.60% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 23199 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 47365 | 3.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.40% | | | |
| 20) 2-Butanone-d5 | 3.97 | 46 | 45517 | 60.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 120.48% | | | |
| 24) Chloroform-d | 4.41 | 84 | 51813 | 4.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 29120 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.60% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 107669 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.13 | 67 | 31573 | 4.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.80% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 108990 | 4.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 12597 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.60% | | | |
| 46) 2-Hexanone-d5 | 8.15 | 63 | 27026 | 53.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 107.36% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 20094 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 90.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 46617 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 94.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 3611 | 0.450 | ug/L # | 1 |
| 16) Methylene chloride | 2.54 | 84 | 1066 | 0.126 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 3199 | 0.409 | ug/L | 95 |
| 25) Chloroform | 4.43 | 83 | 1639 | 0.124 | ug/L | 89 |
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 1374 | 0.112 | ug/L | 99 |
| 34) Trichloroethene | 5.96 | 95 | 47412 | 5.290 | ug/L | 98 |
| 35) Methylcyclohexane | 6.13 | 83 | 8142 | 0.626 | ug/L # | 21 |
| 37) 1,2-Dichloropropane | 6.13 | 63 | 3554 | 0.579 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 955 | 0.094 | ug/L # | 72 |
| 48) 2-Hexanone | 8.20 | 43 | 9833 | 3.553 | ug/L # | 39 |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091818\

Quantitation Report (Not Reviewed)

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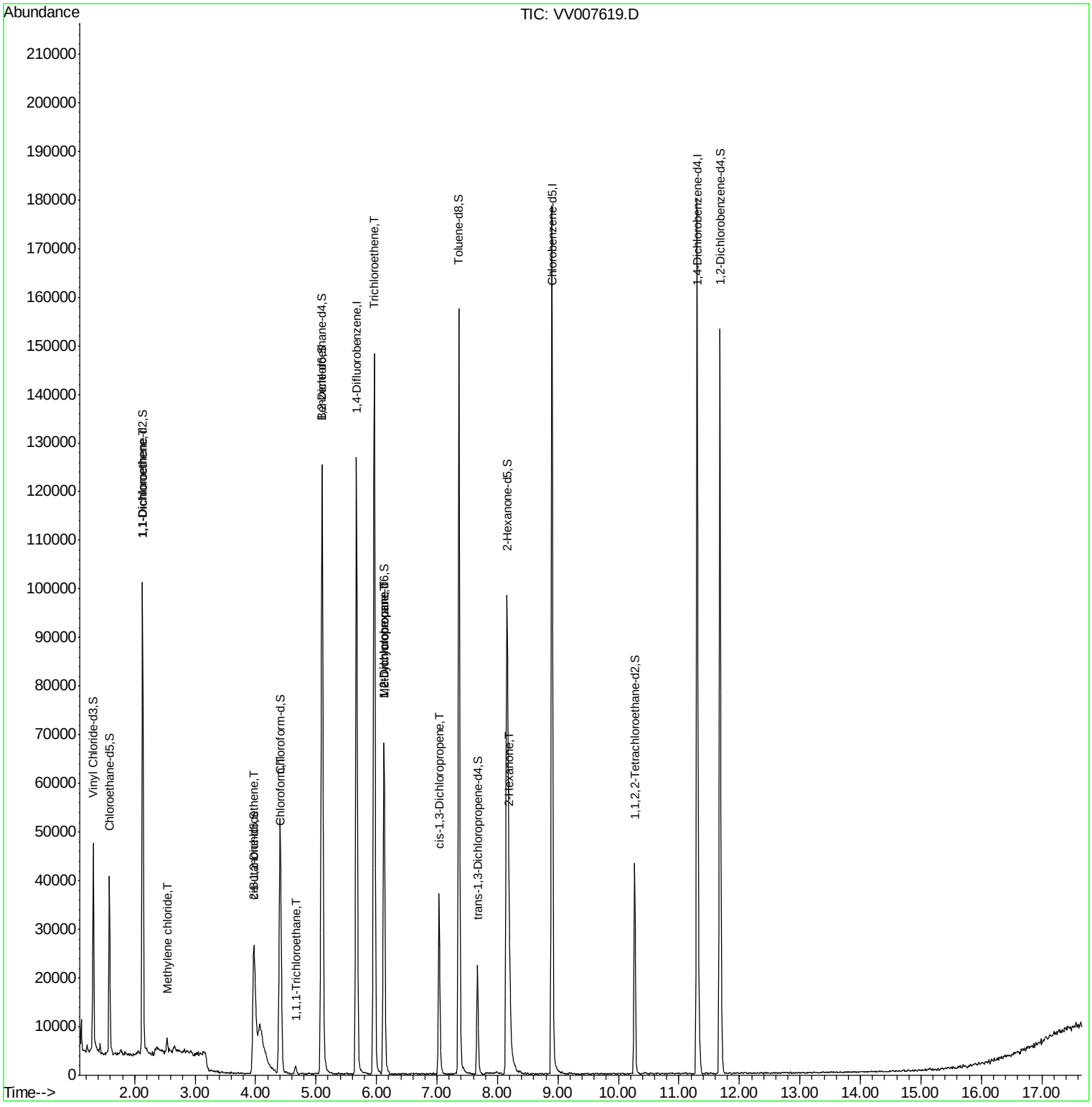
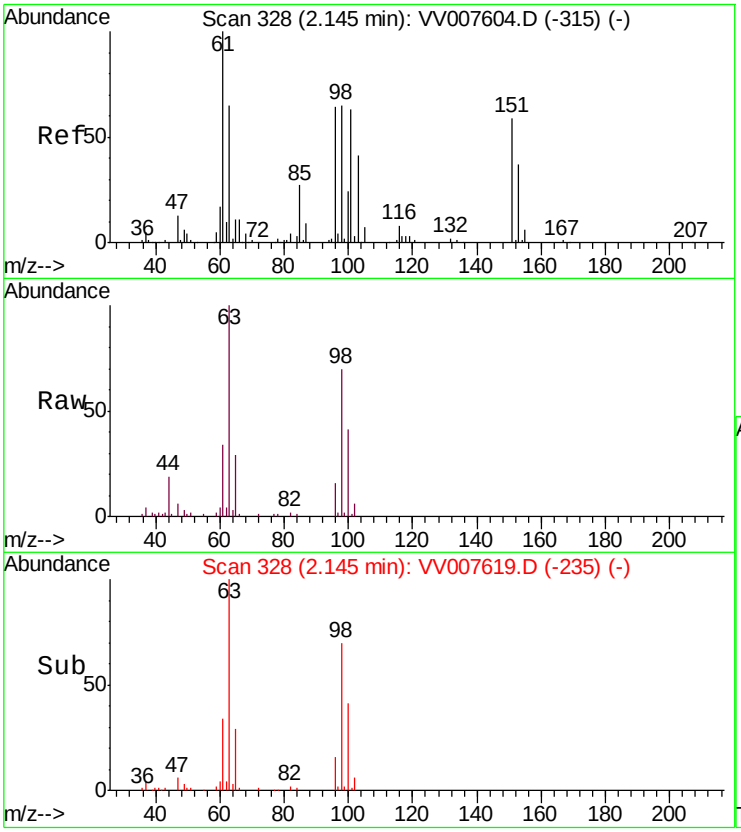
Acq On : 18 Sep 2018 23:16
Operator : SY/MD
Sample : J4918-09DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0KX9DL

Quant Time: Sep 19 01:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration



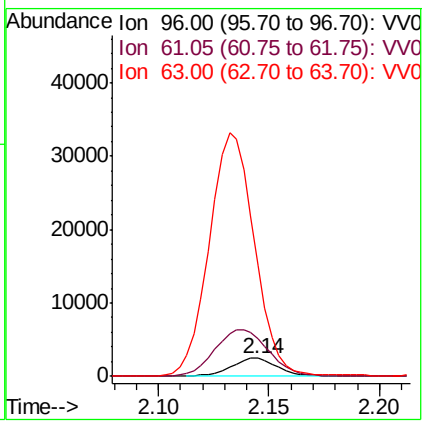


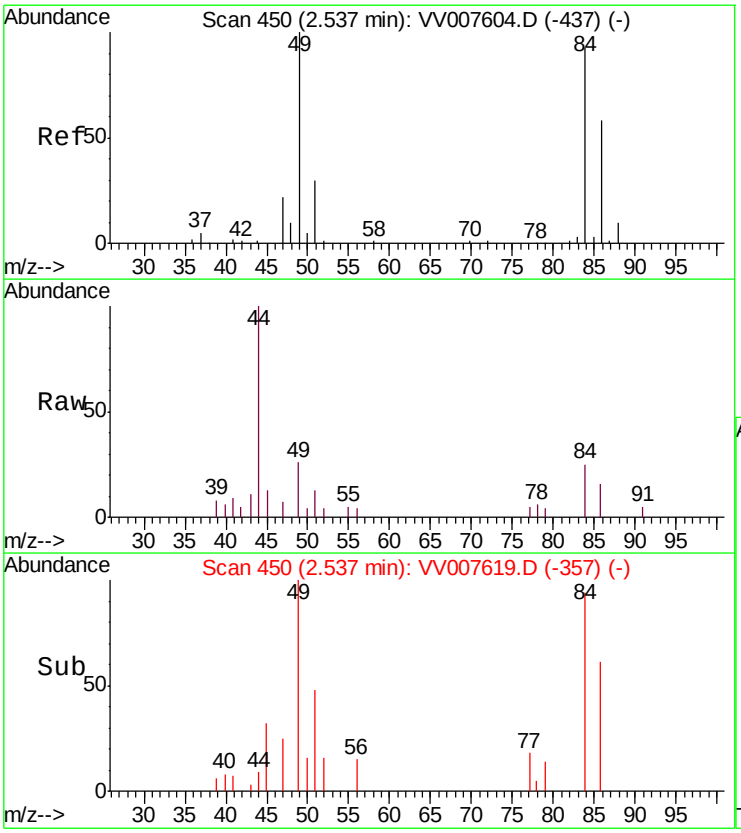

#12
1,1-Dichloroethene
Concen: 0.450 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

**Instrument :** MSVOA_V
**ClientSampleId :** C0KX9DL

Tgt Ion: 96 Resp: 3611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 205.5 | 108.1 | 200.9# |
| 63 | 607.2 | 76.9 | 142.9# |

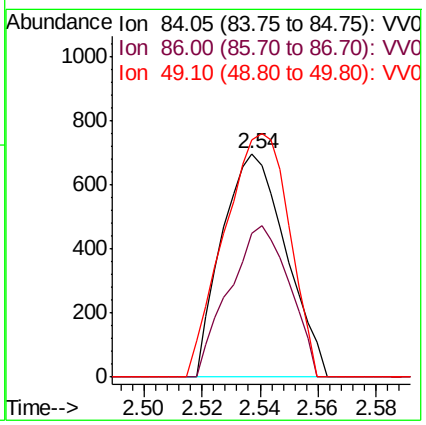


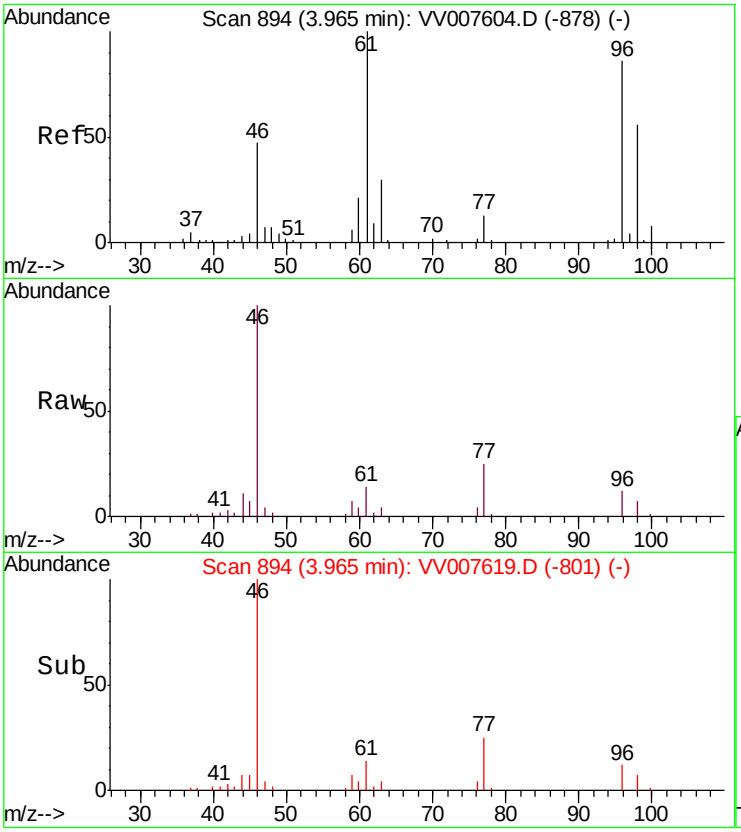




#16
Methylene chloride
Concen: 0.126 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

Tgt Ion: 84 Resp: 1066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.5 | 44.4 | 82.4 |
| 49 | 106.3 | 72.3 | 134.3 |



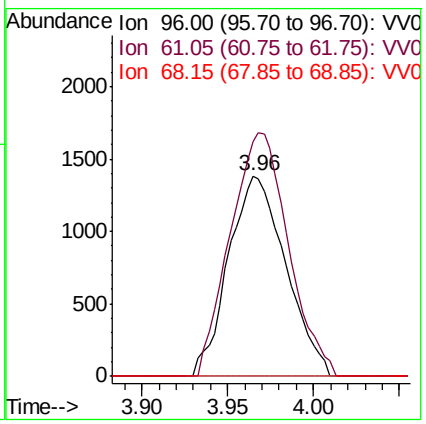


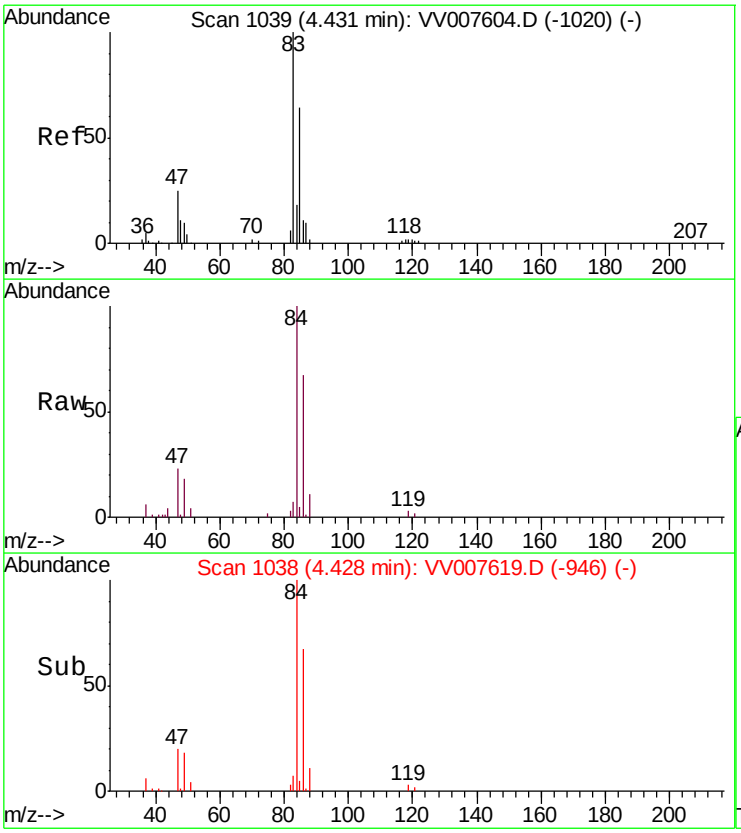

#22
cis-1,2-Dichloroethene
Concen: 0.409 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0KX9DL

Tgt Ion: 96 Resp: 3199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 117.1 | 78.4 | 145.6 |
| 68 | 0.0 | 0.0 | 0.0 |

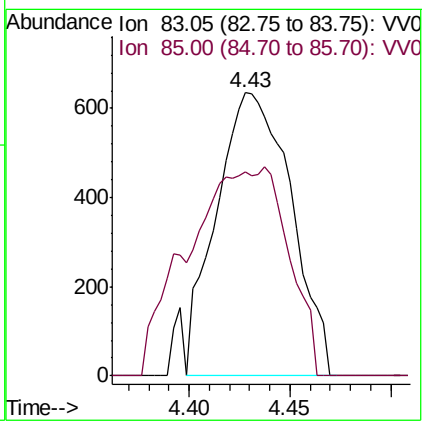


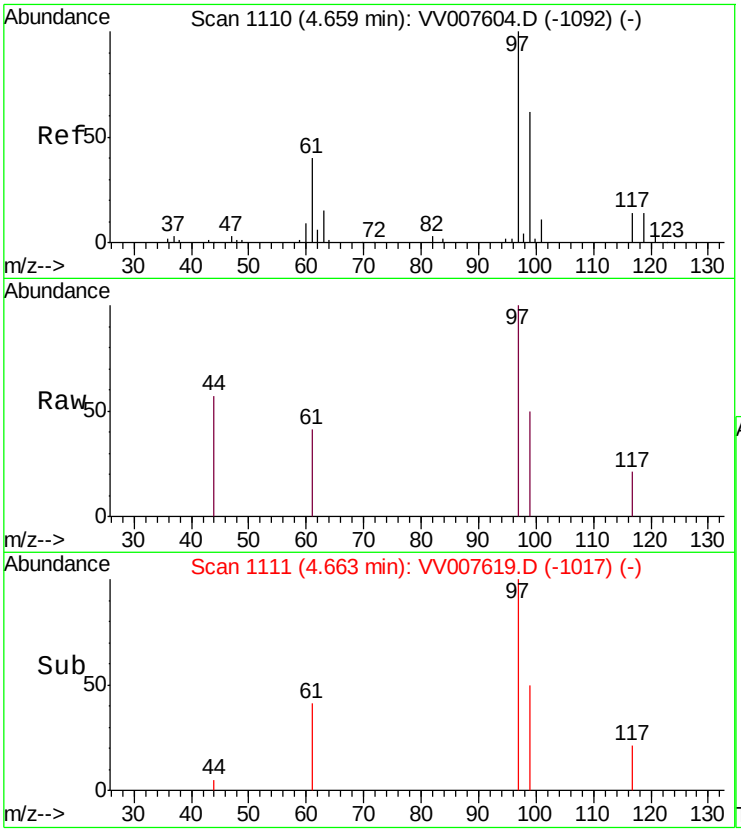




#25
Chloroform
Concen: 0.124 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

Tgt Ion: 83 Resp: 1639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 72.1 | 44.5 | 82.7 |



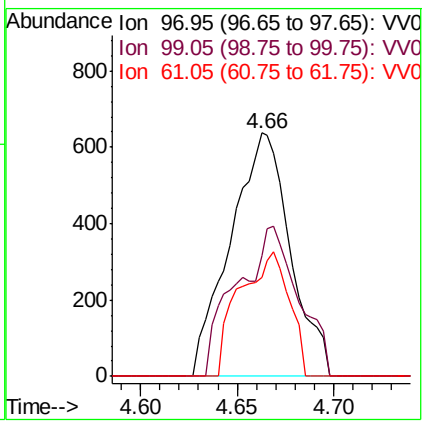


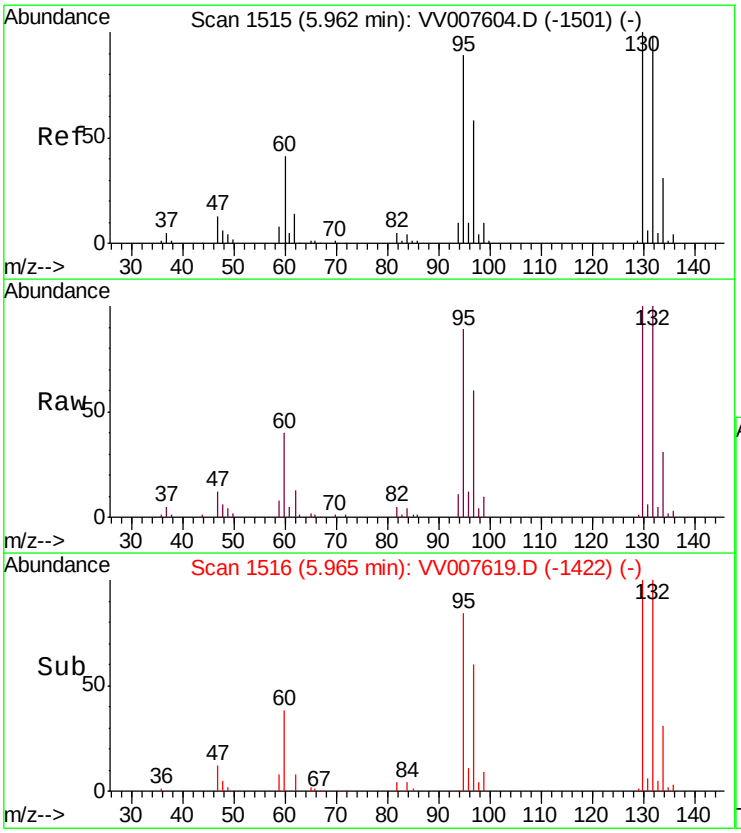

#29
1,1,1-Trichloroethane
Concen: 0.112 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0KX9DL

Tgt Ion: 97 Resp: 1374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.5 | 51.4 | 77.0 |
| 61 | 41.9 | 32.9 | 49.3 |

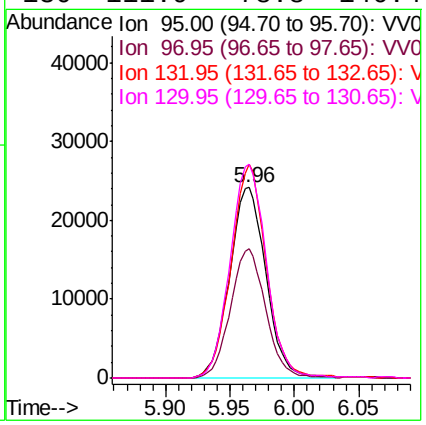


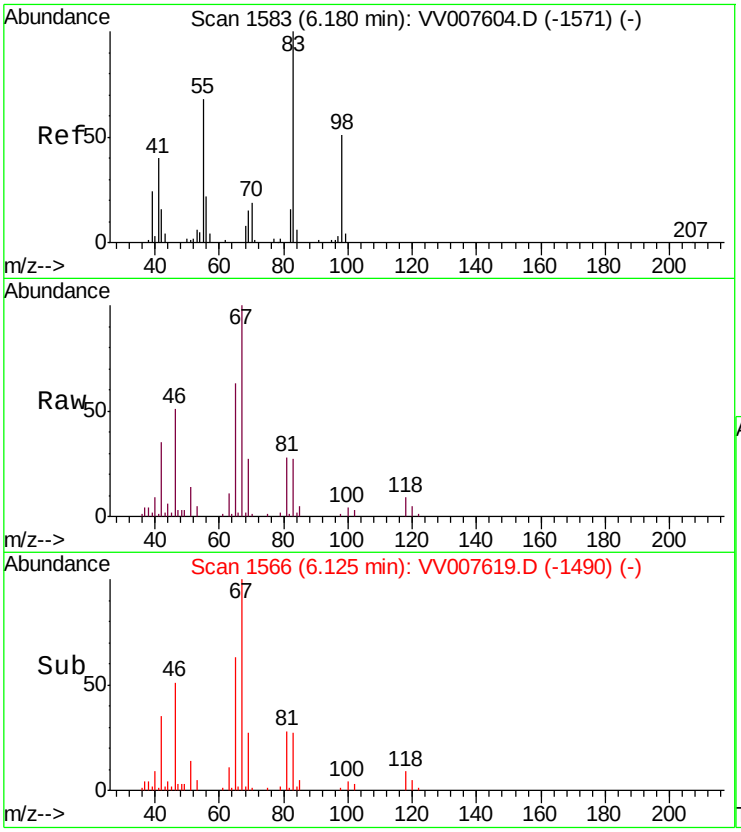




#34
Trichloroethene
Concen: 5.290 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

Tgt Ion: 95 Resp: 47412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 67.7 | 46.5 | 86.5 |
| 132 | 112.0 | 75.5 | 140.3 |
| 130 | 111.9 | 78.8 | 146.4 |



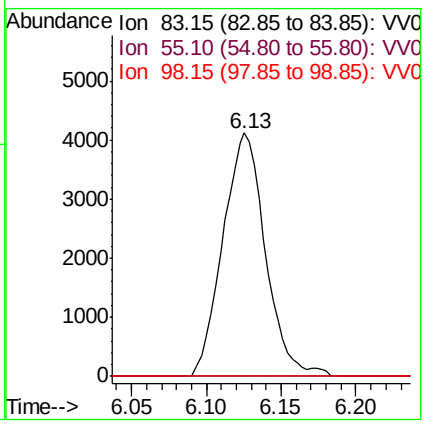


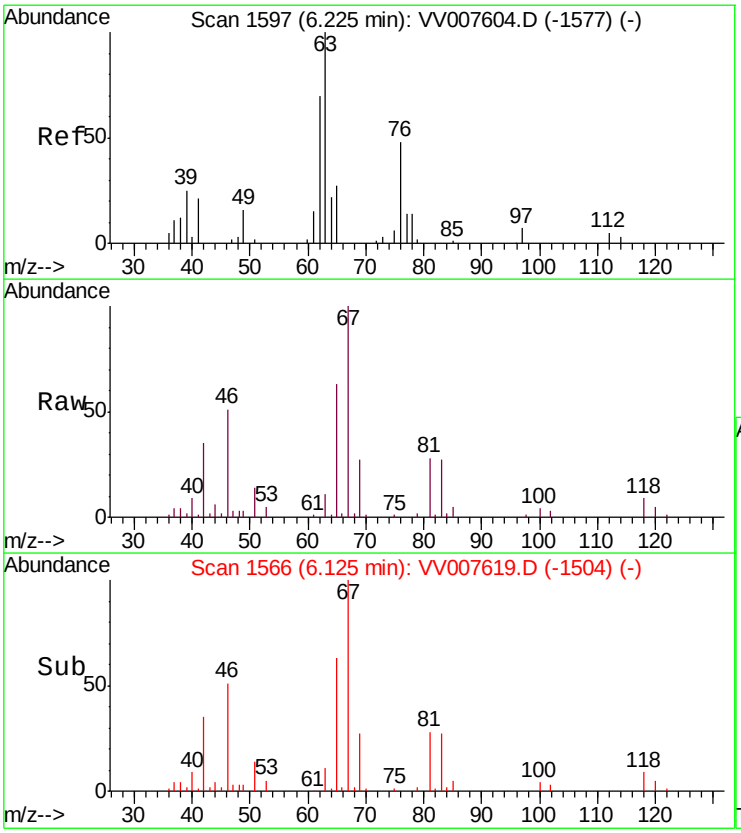

#35
Methylcyclohexane
Concen: 0.626 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0KX9DL

Tgt Ion: 83 Resp: 8142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 54.6 | 82.0# |
| 98 | 0.0 | 39.8 | 59.6# |

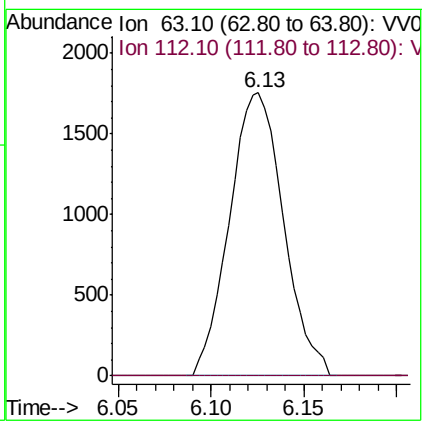


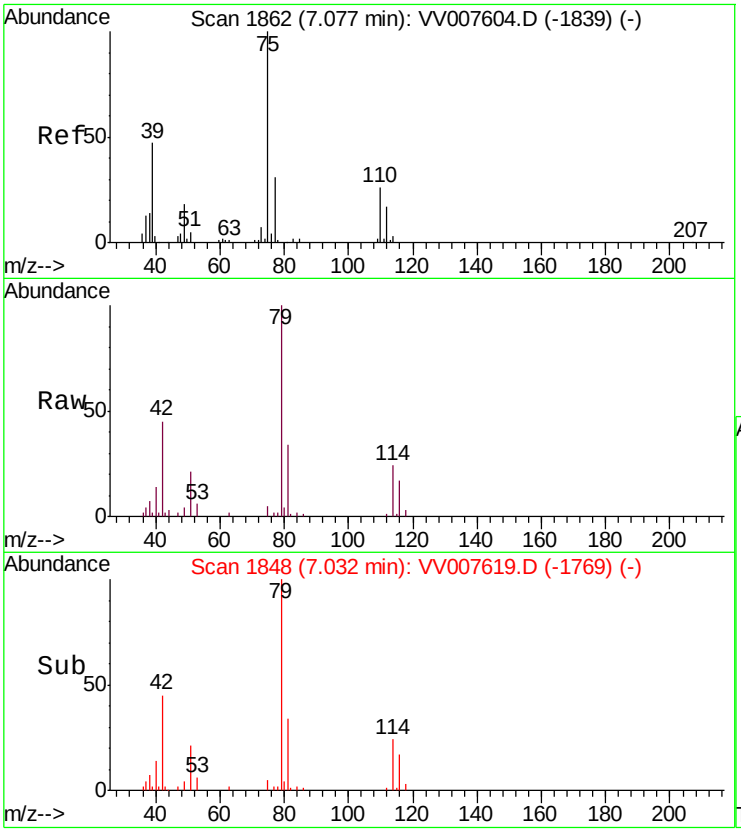




#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

Tgt Ion: 63 Resp: 3554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.8 | 5.6# |



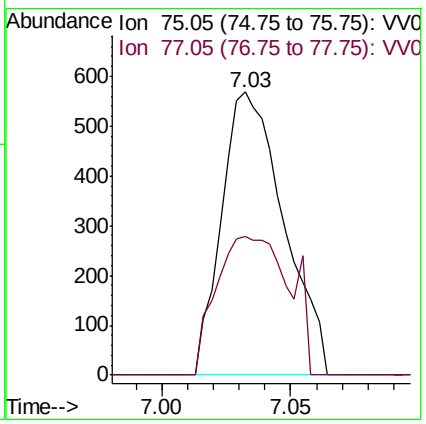


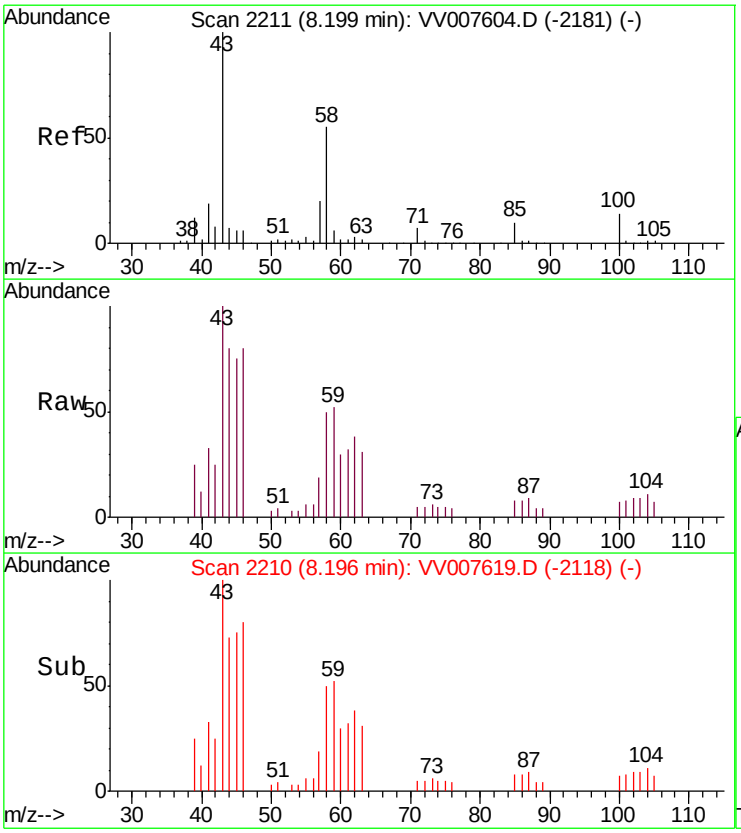

#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.05 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0KX9DL

Tgt Ion: 75 Resp: 955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.9 | 23.0 | 42.8# |




#48
2-Hexanone
Concen: 3.553 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VV007619.D
Acq: 18 Sep 2018 23:16

Tgt Ion: 43 Resp: 9833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 45.5 | 68.3# |
| 57 | 1.3 | 16.3 | 24.5# |
| 100 | 4.8 | 10.7 | 16.1# |