Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031221\
Data File : VV020550.D
Acq On : 11 Mar 2021 21:16
Operator : SY/MD
Sample : M1633-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0B69

Quant Time: Mar 12 07:55:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 12 07:54:21 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.622 | 114 | 531096 | 50.00 | ug/L | # 0.00 |
| 28) Chlorobenzene-d5 | 8.857 | 117 | 523205 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 266170 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 169423 | 43.52 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 87.04% | | | |
| 7) Chloroethane-d5 | 1.571 | 69 | 141179 | 46.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 93.66% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 223679 | 34.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 68.20% | | | |
| 21) 2-Butanone-d5 | 3.902 | 46 | 190604 | 96.68 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 96.68% | | | |
| 24) Chloroform-d | 4.352 | 84 | 307897 | 45.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.48% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.037 | 65 | 195035 | 47.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.32% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 649010 | 49.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.36% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 192559 | 48.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 96.54% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 613600 | 48.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.14% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 88971 | 46.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 93.68% | | | |
| 47) 2-Hexanone-d5 | 8.095 | 63 | 129374 | 90.67 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 90.67% | | | |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220 | 84 | 237518 | 44.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 89.88% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.631 | 152 | 288173 | 55.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 110.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108 | 101 | 2649 | 0.77 | ug/L # | 23 |
| 25) Chloroform | 4.384 | 83 | 13988 | 2.10 | ug/L | 91 |
| 34) Trichloroethene | 5.924 | 95 | 6380 | 1.56 | ug/L | 87 |
| 35) Methylcyclohexane | 6.075 | 83 | 49600 | 9.37 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.072 | 63 | 20481 | 6.00 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 6.992 | 75 | 4900 | 0.94 | ug/L # | 71 |
| 48) 2-Hexanone | 8.149 | 43 | 12711 | 4.12 | ug/L # | 88 |
| 59) 1,2,3-Trichloropropane | 11.255 | 75 | 24238 | 5.27 | ug/L | 91 |

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

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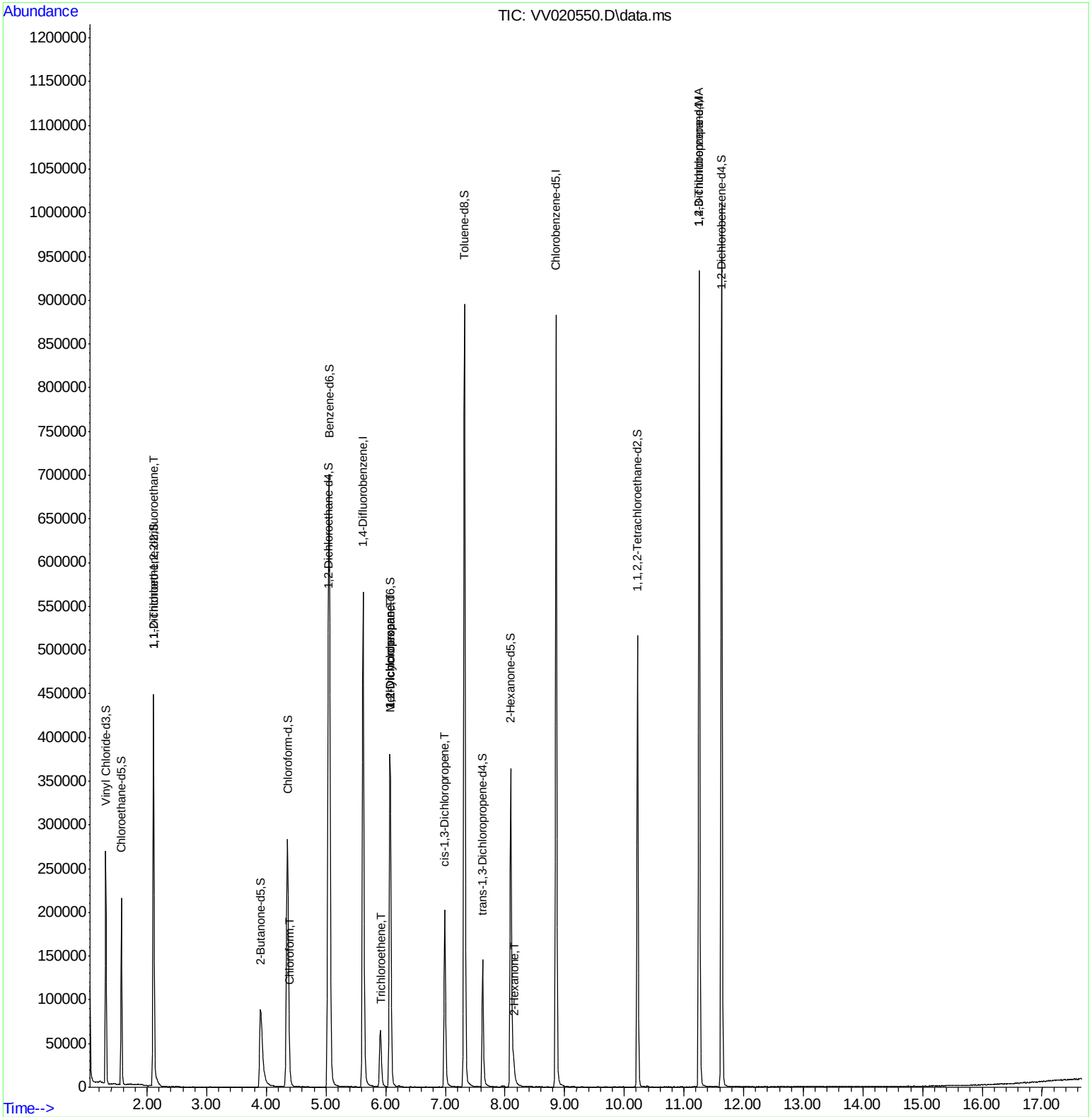
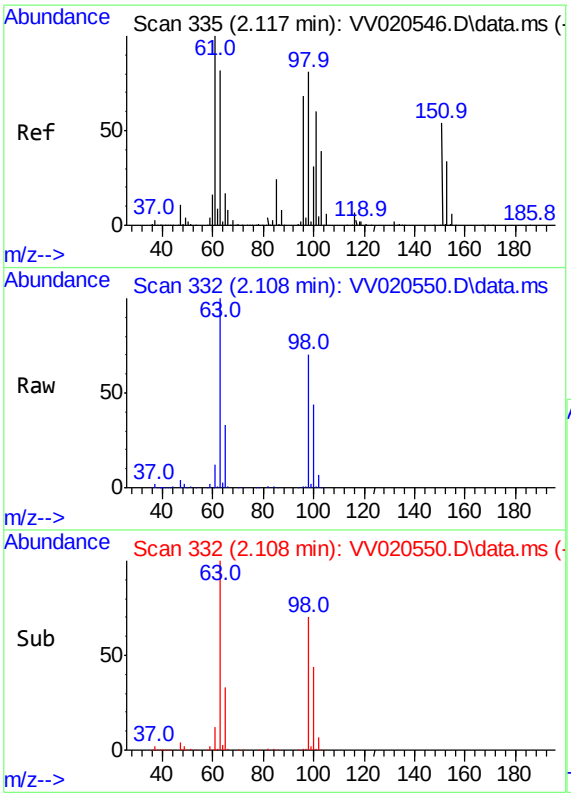
Acq On : 11 Mar 2021 21:16
Operator : SY/MD
Sample : M1633-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0B69

Quant Time: Mar 12 07:55:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 12 07:54:21 2021
Response via : Initial Calibration

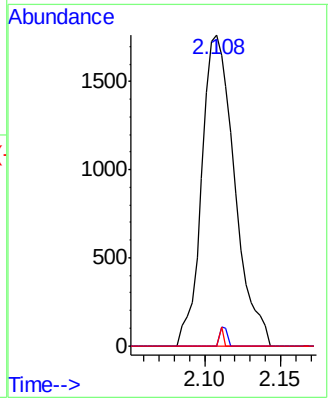





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.77 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion:101 Resp: 2649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 1.5 | 35.3 | 52.9# |
| 151 | 0.0 | 53.6 | 80.4# |




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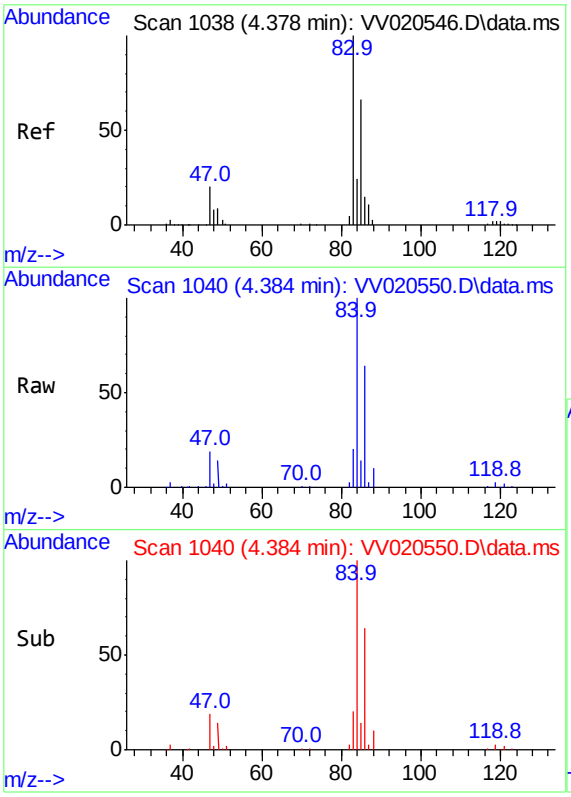
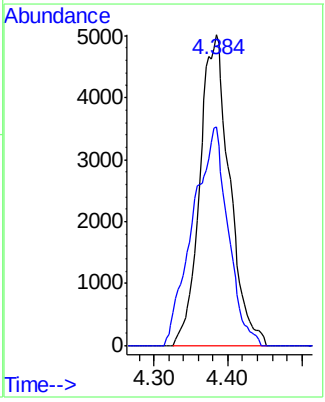
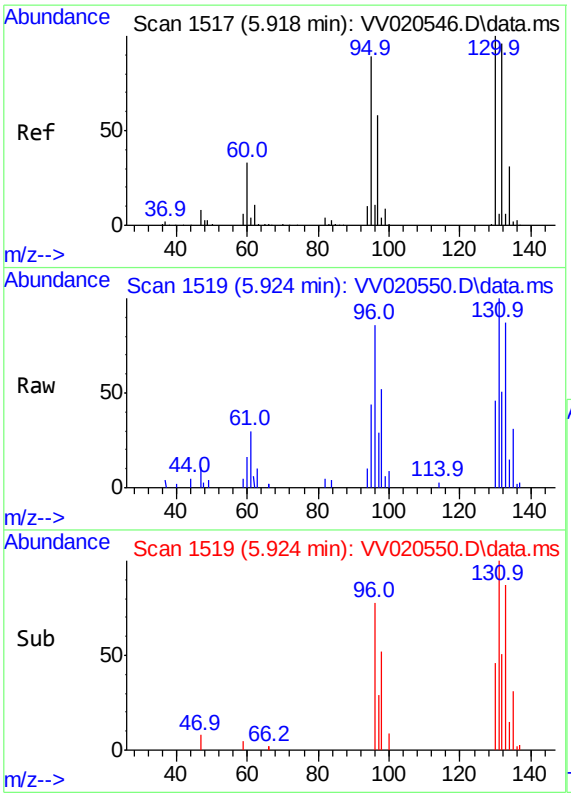



#25
Chloroform
Concen: 2.10 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion: 83 Resp: 13988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 70.2 | 44.2 | 82.2 |

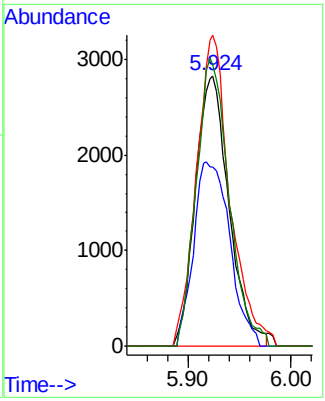




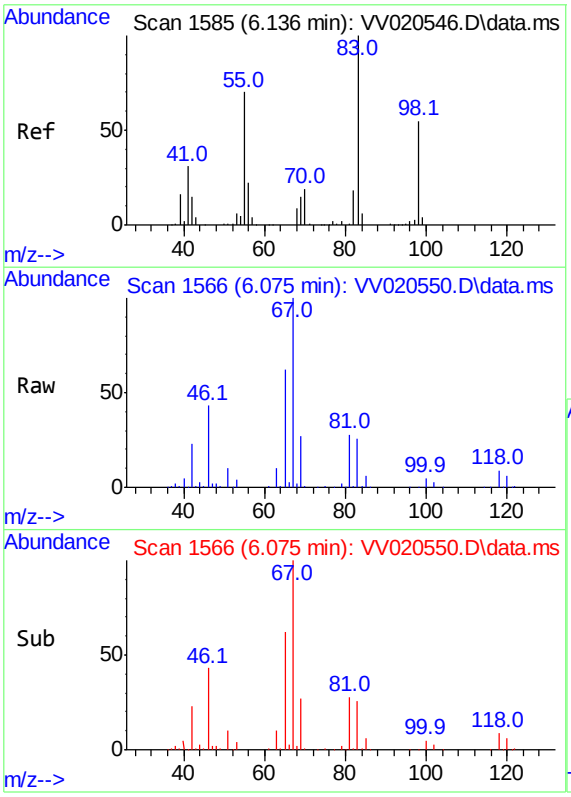

#34
Trichloroethene
Concen: 1.56 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion: 95 Resp: 6380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 66.1 | 44.5 | 82.7 |
| 132 | 115.0 | 63.4 | 117.8 |
| 130 | 104.2 | 67.1 | 124.5 |



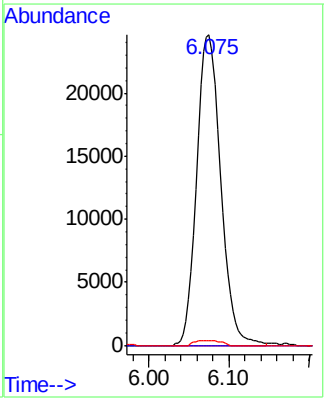

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0B69



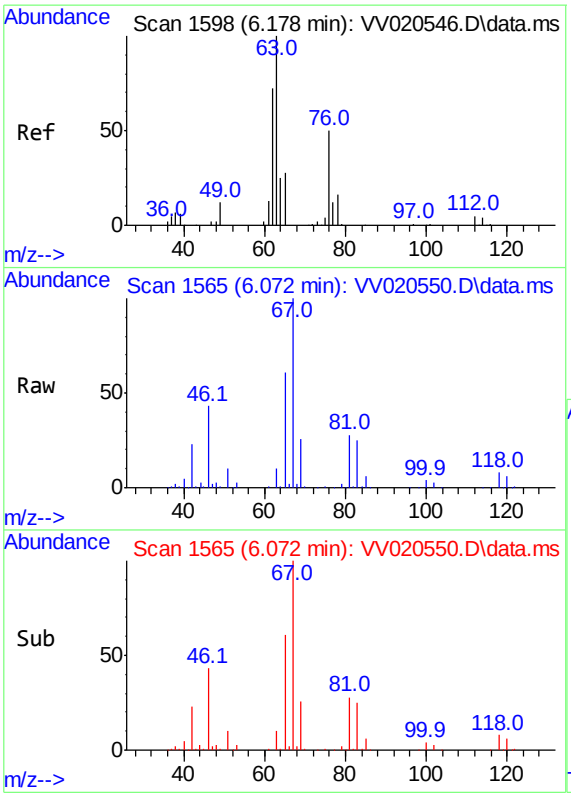

#35
Methylcyclohexane
Concen: 9.37 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion: 83 Resp: 49600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 65.1 | 97.7# |
| 98 | 1.7 | 38.2 | 57.2# |



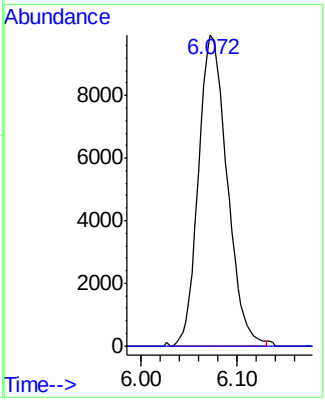
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0B69

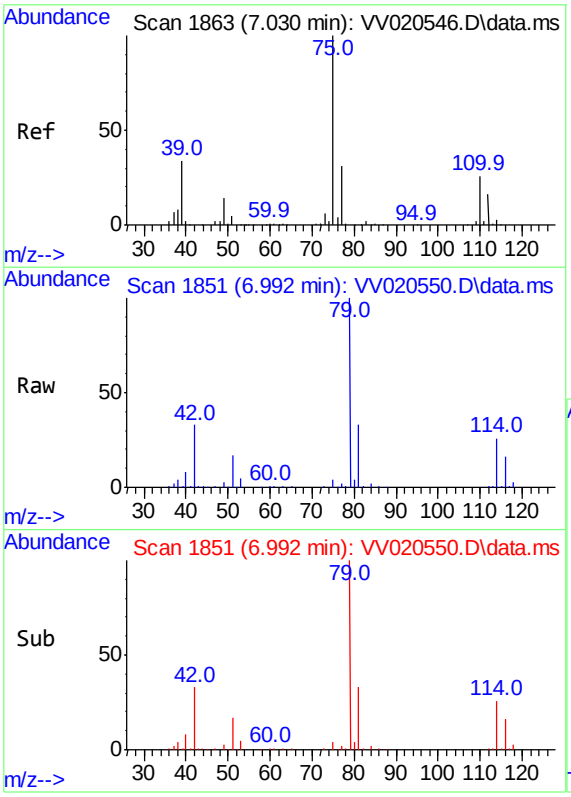



#37
1,2-Dichloropropane
Concen: 6.00 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion: 63 Resp: 20481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.3 | 4.9# |

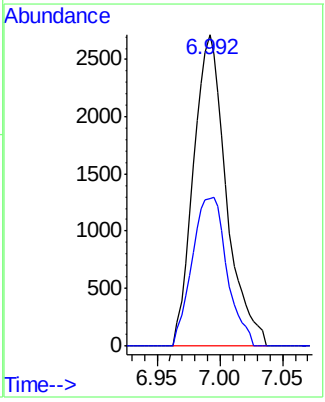


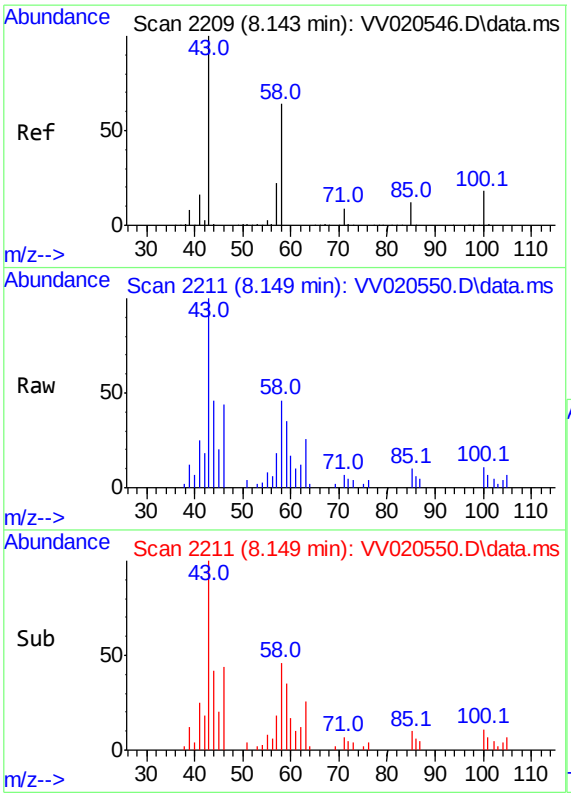

#39
cis-1,3-Dichloropropene
Concen: 0.94 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion: 75 Resp: 4900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 47.1 | 21.8 | 40.6# |



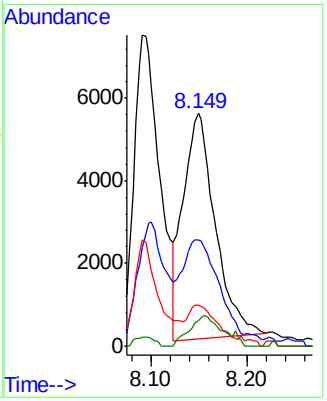
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0B69

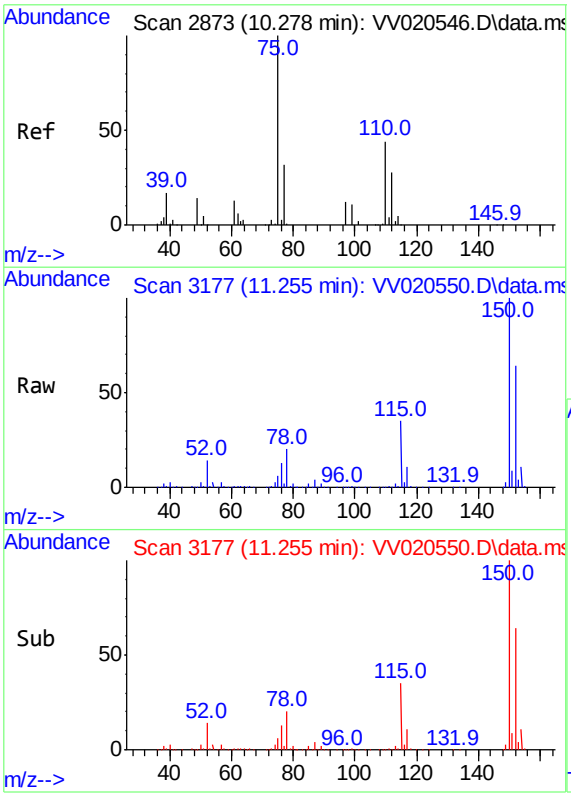



#48
2-Hexanone
Concen: 4.12 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion: 43 Resp: 12711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.6 | 41.8 | 62.6# |
| 57 | 13.9 | 15.0 | 22.4# |
| 100 | 11.1 | 8.9 | 13.3 |




#59
1,2,3-Trichloropropane
Concen: 5.27 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.977 min
Lab File: VV020550.D
Acq: 11 Mar 2021 21:16

Tgt Ion: 75 Resp: 24238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.6 | 25.4 | 38.0 |