Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111522\
Data File : VV028981.D
Acq On : 15 Nov 2022 12:04
Operator : SY/MD
Sample : N5590-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

Quant Time: Nov 16 03:17:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 16 03:16:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 278185 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 257046 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.243 | 152 | 124893 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 67523 | 3.981 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 79.600% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 68207 | 4.575 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 99297 | 3.213 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 64.200% | | | |
| 20) 2-Butanone-d5 | 3.896 | 46 | 111586 | 39.305 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 78.620% | | | |
| 24) Chloroform-d | 4.342 | 84 | 170611 | 4.900 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 80231 | 5.121 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.400% | | | |
| 32) Benzene-d6 | 5.047 | 84 | 349770 | 4.559 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 104028 | 4.856 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.200% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 303940 | 4.401 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.000% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 27847 | 3.985 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 79.800% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 153948 | 51.615 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 103.220% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84 | 79773 | 5.370 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 107.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.615 | 152 | 110706 | 4.954 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.240 | 50 | 728 | 0.038 | ug/L | 96 |
| 6) Bromomethane | 1.523 | 94 | 1401 | 0.107 | ug/L | 80 |
| 16) Methylene chloride | 2.503 | 84 | 24633 | 1.131 | ug/L | 99 |
| 25) Chloroform | 4.365 | 83 | 3818 | 0.114 | ug/L # | 70 |
| 27) 1,2-Dichloroethane | 5.043 | 62 | 1909 | 0.111 | ug/L # | 70 |
| 35) Methylcyclohexane | 6.066 | 83 | 25975 | 0.735 | ug/L # | 21 |
| 37) 1,2-Dichloropropane | 6.066 | 63 | 10966 | 0.605 | ug/L # | 85 |
| 61) 1,2,3-Trichloropropane | 11.243 | 75 | 12443 | 1.458 | ug/L # | 65 |

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

Quantitation Report (Not Reviewed)

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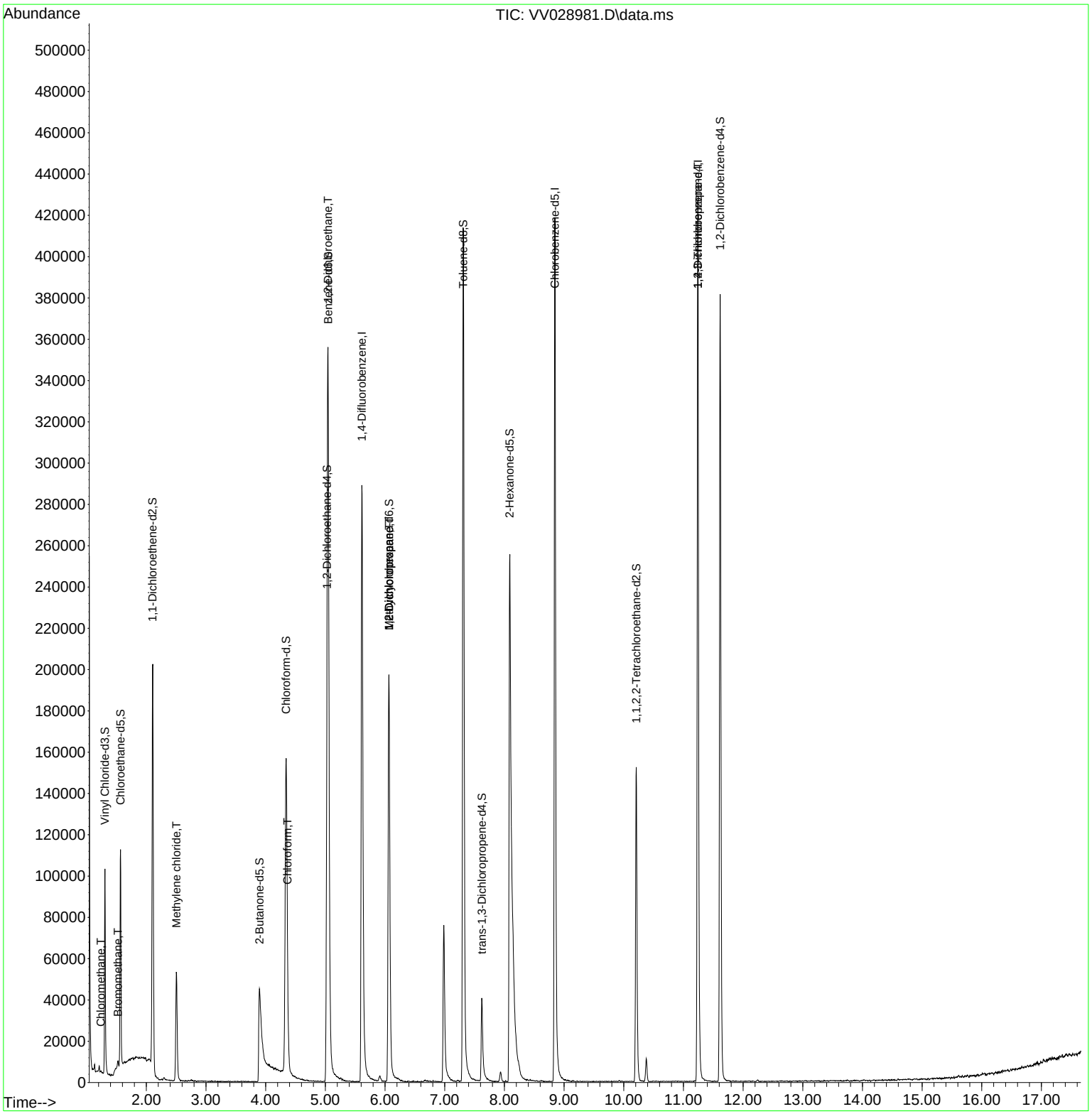
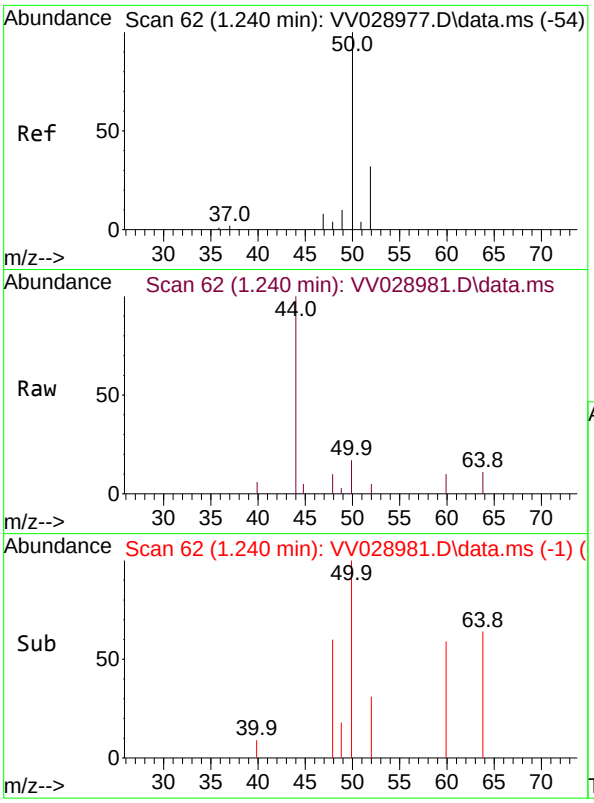
Acq On : 15 Nov 2022 12:04
Operator : SY/MD
Sample : N5590-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

Quant Time: Nov 16 03:17:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 16 03:16:14 2022
Response via : Initial Calibration



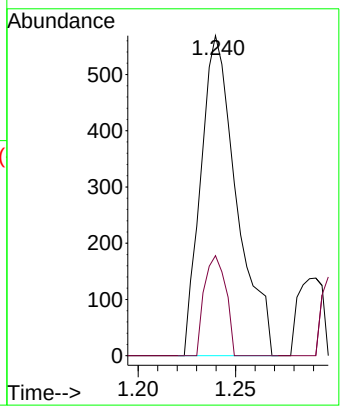


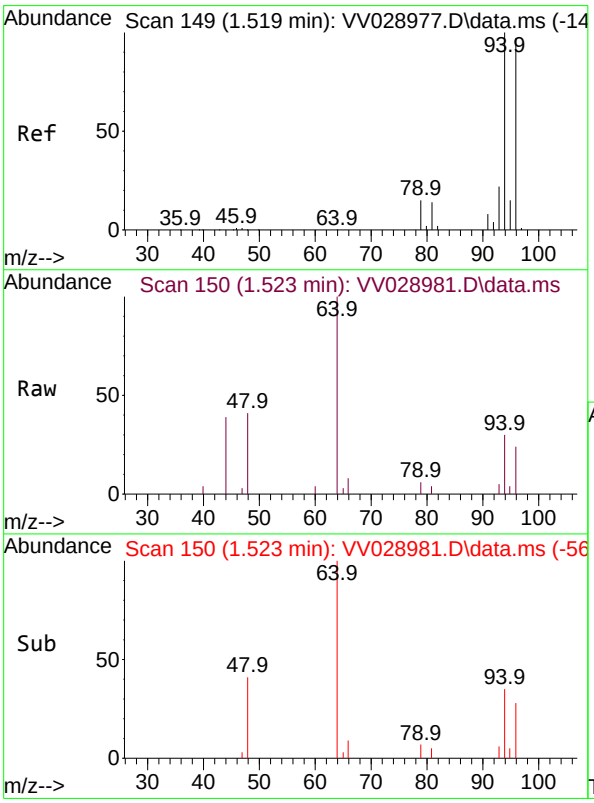

#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

Tgt Ion: 50 Resp: 728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.3 | 23.7 | 43.9 |

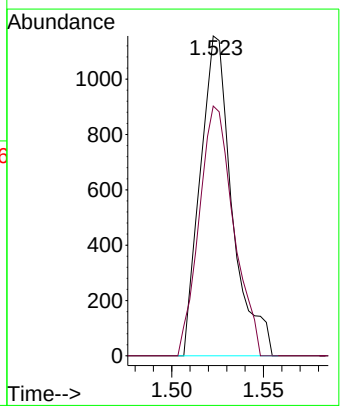


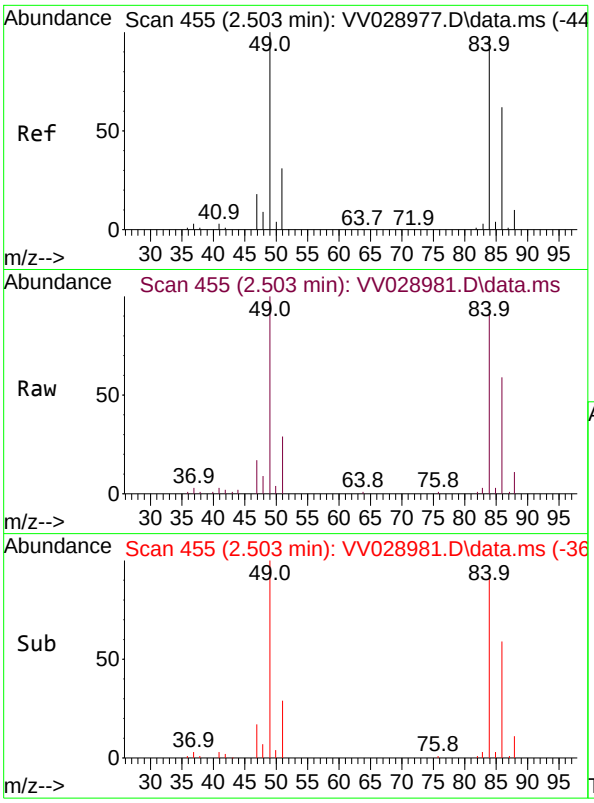




#6
Bromomethane
Concen: 0.107 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

Tgt Ion: 94 Resp: 1401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 78.1 | 68.5 | 127.3 |



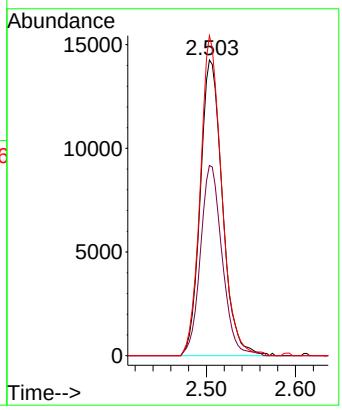


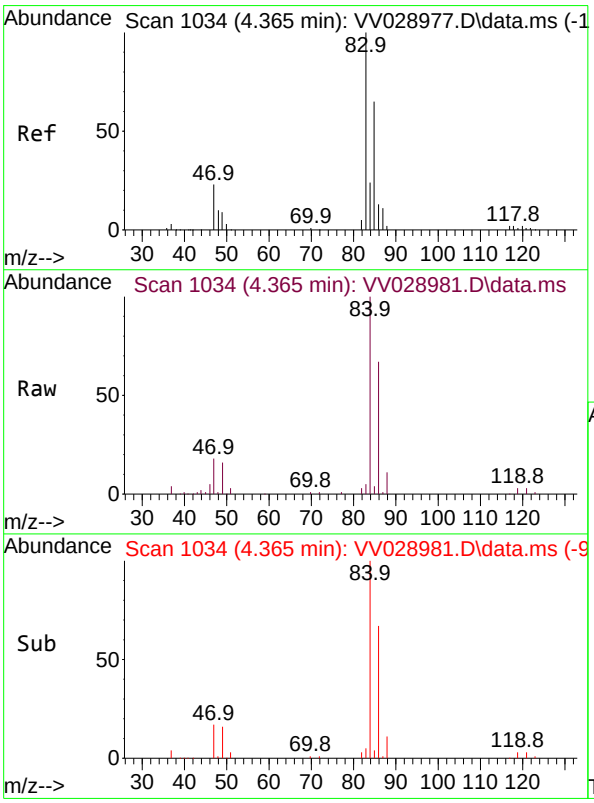

#16
Methylene chloride
Concen: 1.131 ug/L
RT: 2.503 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

Tgt Ion: 84 Resp: 24633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.4 | 45.8 | 85.0 |
| 49 | 108.2 | 75.5 | 140.1 |

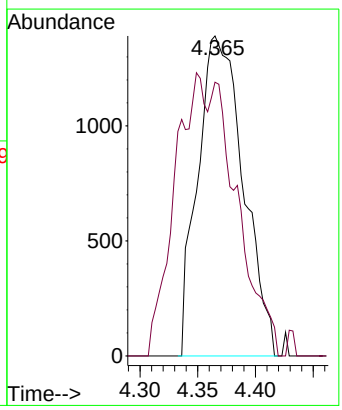


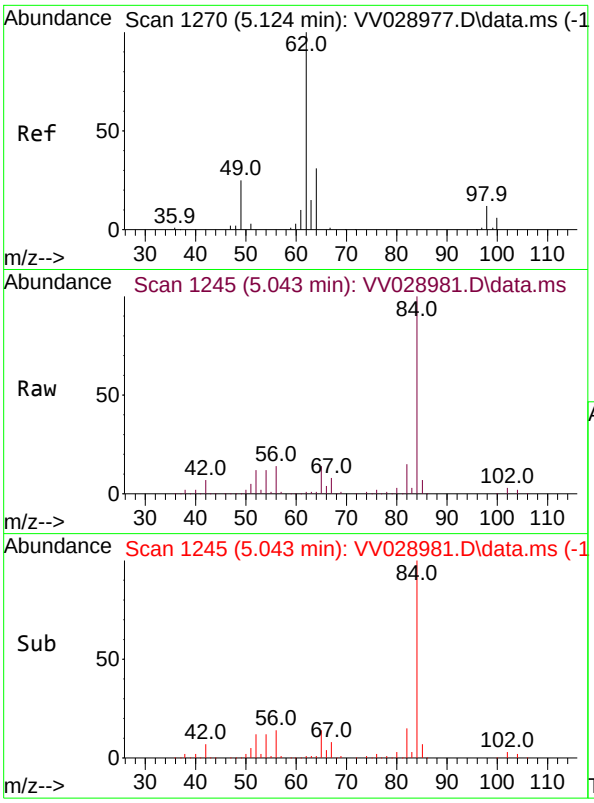




#25
Chloroform
Concen: 0.114 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

Tgt Ion: 83 Resp: 3818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 85.5 | 43.7 | 81.1# |



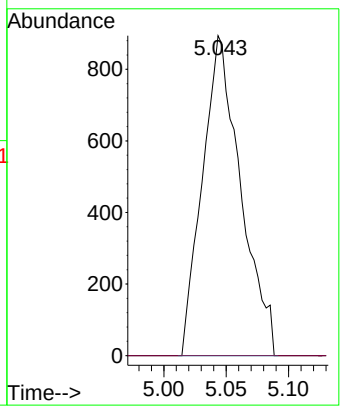


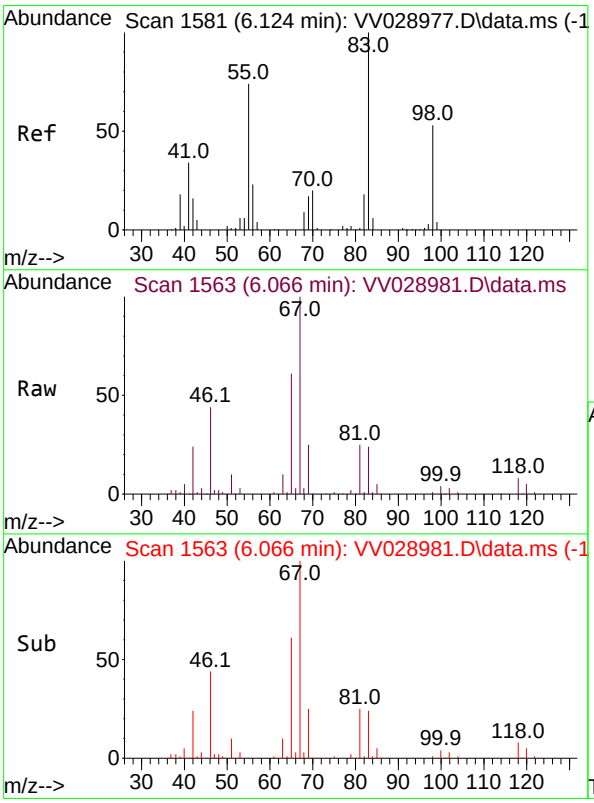

#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.043 min Scan# 1
Delta R.T. -0.080 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

Tgt Ion: 62 Resp: 1909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 9.0 | 13.6# |

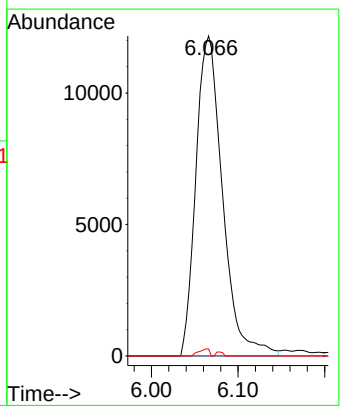


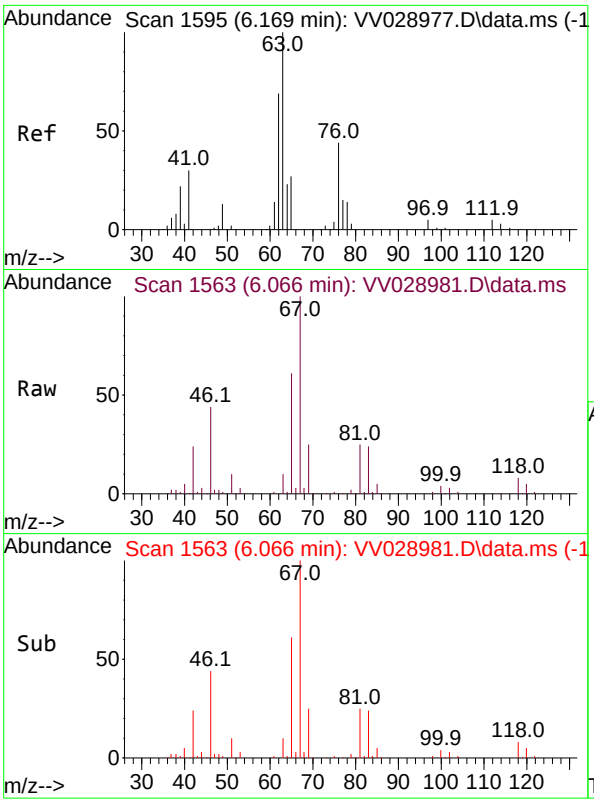




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

Tgt Ion: 83 Resp: 25975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 55.8 | 83.6# |
| 98 | 0.9 | 38.2 | 57.2# |



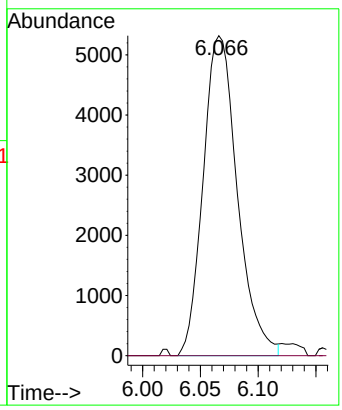


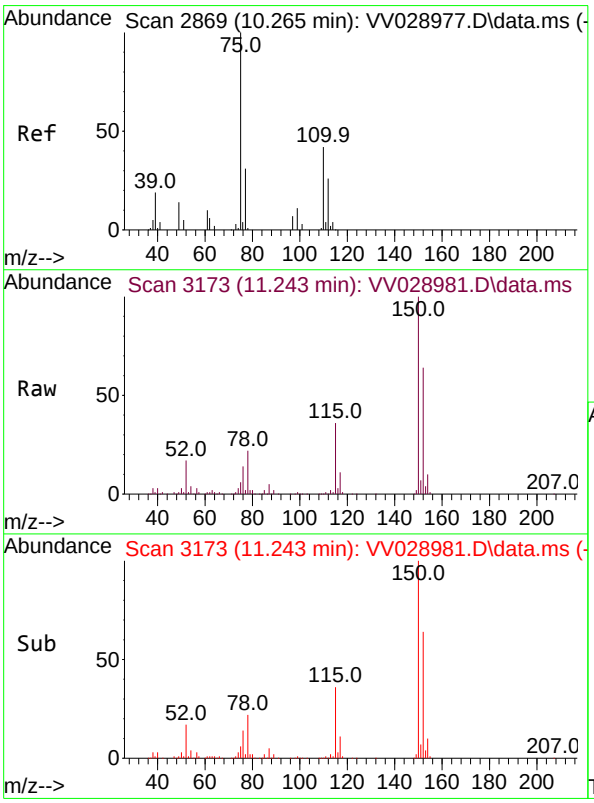

#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

Tgt Ion: 63 Resp: 10966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.0 | 6.0# |




#61
1,2,3-Trichloropropane
Concen: 1.458 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028981.D
Acq: 15 Nov 2022 12:04

Tgt Ion: 75 Resp: 12443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 26.2 | 39.2 |
| 110 | 3.1 | 32.6 | 48.8# |