Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
Data File : VV028285.D
Acq On : 03 Oct 2022 17:59
Operator : SY/MD
Sample : M4780-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 04 02:46:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 180936 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 184517 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 84314 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.301 | 65 | 72151 | 5.307 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 106.200% | | | |
| 7) Chloroethane-d5 | 1.561 | 69 | 64863 | 5.636 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 112.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.101 | 63 | 105953 | 4.135 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 82.600% | | | |
| 20) 2-Butanone-d5 | 3.899 | 46 | 147883 | 64.290 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 128.580% | | | |
| 24) Chloroform-d | 4.339 | 84 | 141944 | 5.763 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 115.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 66293 | 5.806 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 116.200% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 287650 | 5.683 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 113.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.063 | 67 | 87298 | 6.012 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 120.200% | | | |
| 41) Toluene-d8 | 7.313 | 98 | 241193 | 5.181 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 103.600% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 24419 | 4.416 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.400% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 126051 | 55.687 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 111.380% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 62196 | 5.651 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 113.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 86505 | 5.962 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 119.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 8) Chloroethane | 1.397 | 64 | 248845 | 24.041 | ug/L # | 51 |
| 16) Methylene chloride | 2.503 | 84 | 3964 | 0.271 | ug/L | 86 |
| 25) Chloroform | 4.375 | 83 | 2561 | 0.101 | ug/L | 87 |
| 27) 1,2-Dichloroethane | 5.047 | 62 | 1496 | 0.111 | ug/L # | 76 |
| 33) Benzene | 5.040 | 78 | 2383 | 0.043 | ug/L | 100 |
| 35) Methylcyclohexane | 6.066 | 83 | 21421 | 0.954 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.066 | 63 | 9525 | 0.749 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 6.985 | 75 | 1468 | 0.081 | ug/L # | 45 |
| 61) 1,2,3-Trichloropropane | 11.242 | 75 | 8323 | 1.279 | ug/L # | 68 |

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

Quantitation Report (Not Reviewed)

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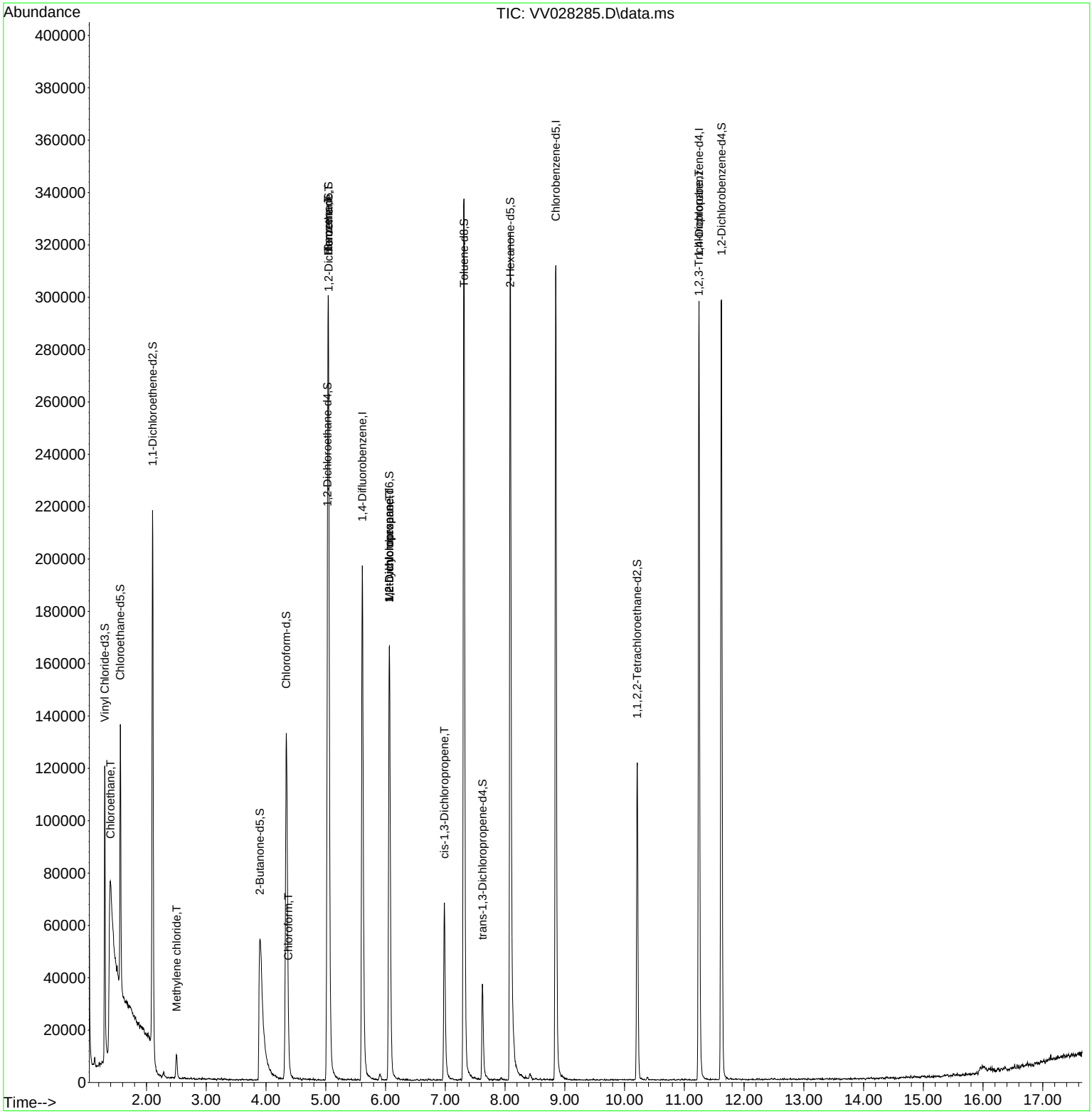
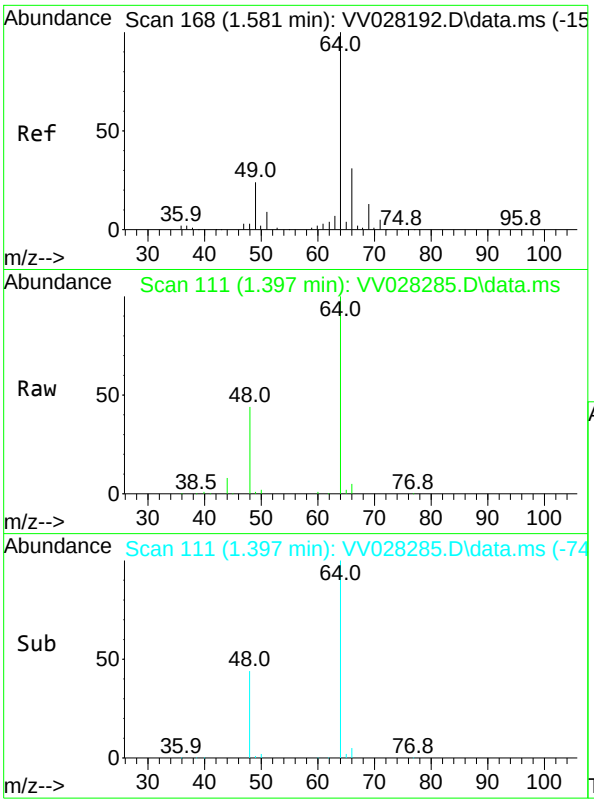
Acq On : 03 Oct 2022 17:59
Operator : SY/MD
Sample : M4780-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 04 02:46:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



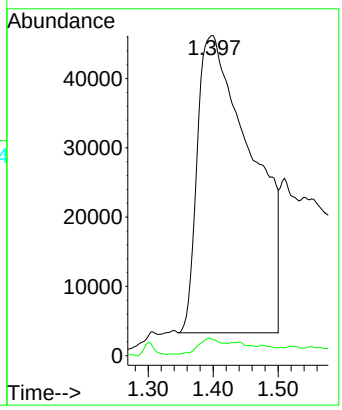


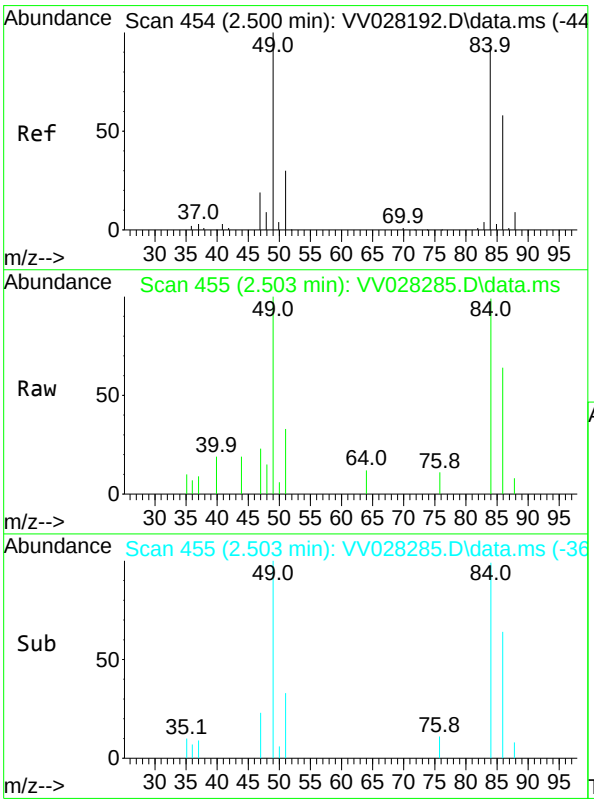

#8
Chloroethane
Concen: 24.041 ug/L
RT: 1.397 min Scan# 1
Delta R.T. -0.180 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

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

Tgt Ion: 64 Resp: 248845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 5.3 | 23.0 | 42.8# |

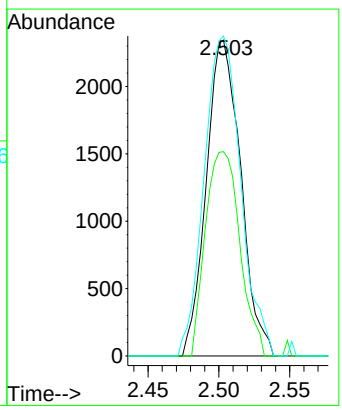


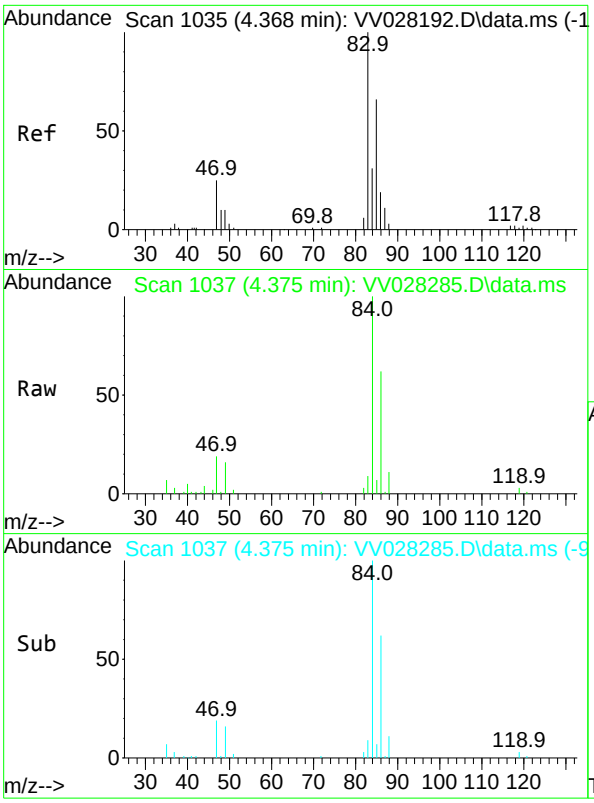




#16
Methylene chloride
Concen: 0.271 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

Tgt Ion: 84 Resp: 3964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.7 | 46.8 | 86.8 |
| 49 | 101.3 | 87.5 | 162.5 |



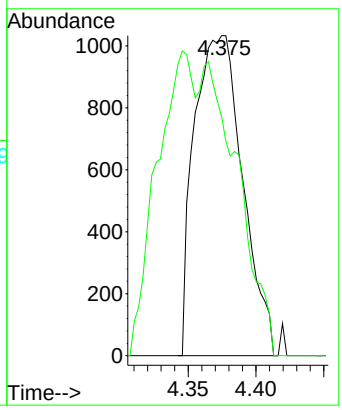


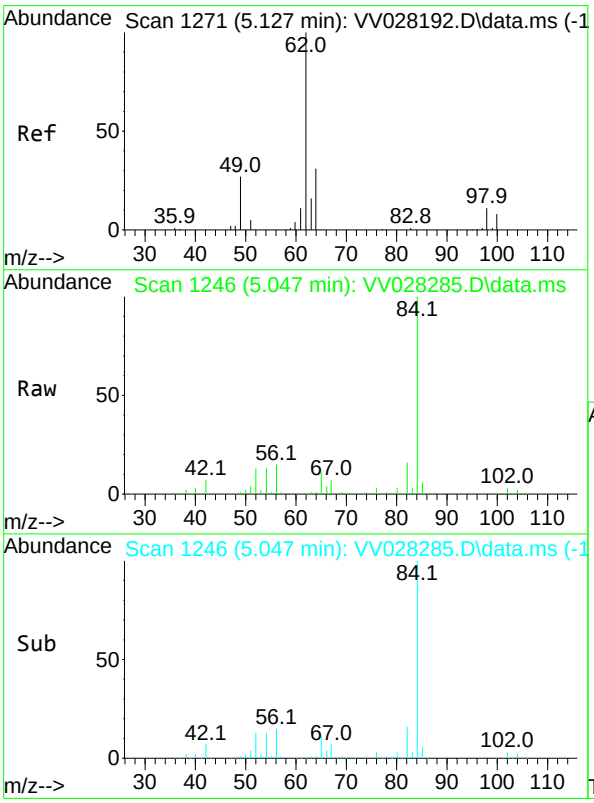

#25
Chloroform
Concen: 0.101 ug/L
RT: 4.375 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

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

Tgt Ion: 83 Resp: 2561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 74.8 | 45.1 | 83.7 |

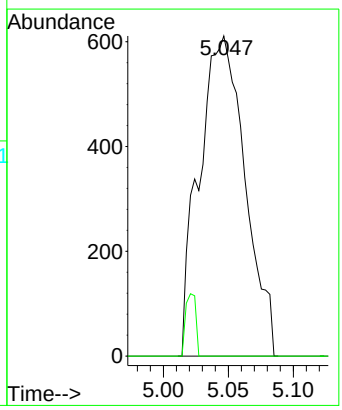


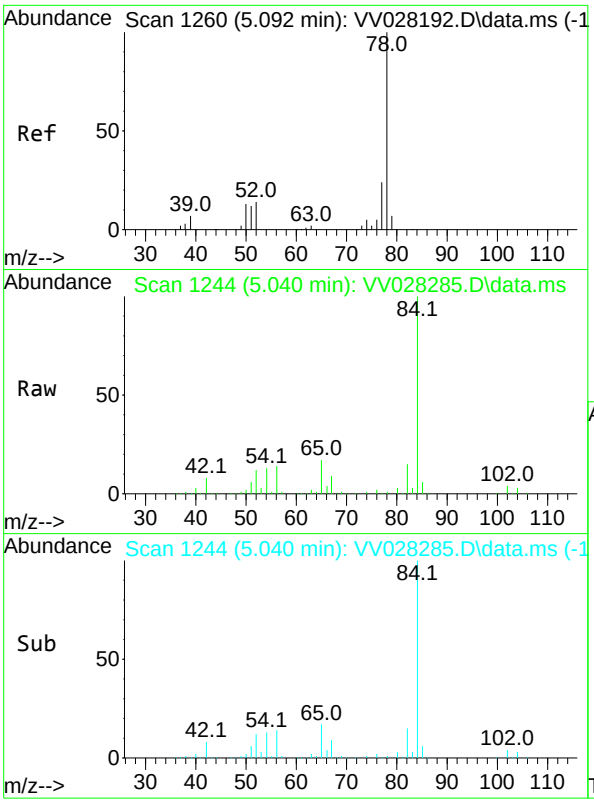




#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.080 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

Tgt Ion: 62 Resp: 1496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 6.7 | 10.1# |

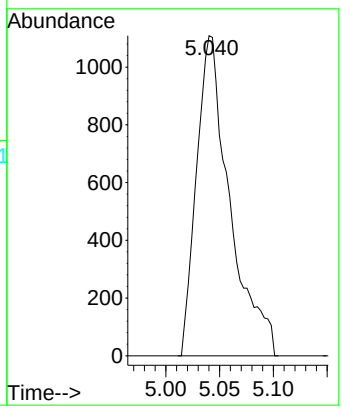


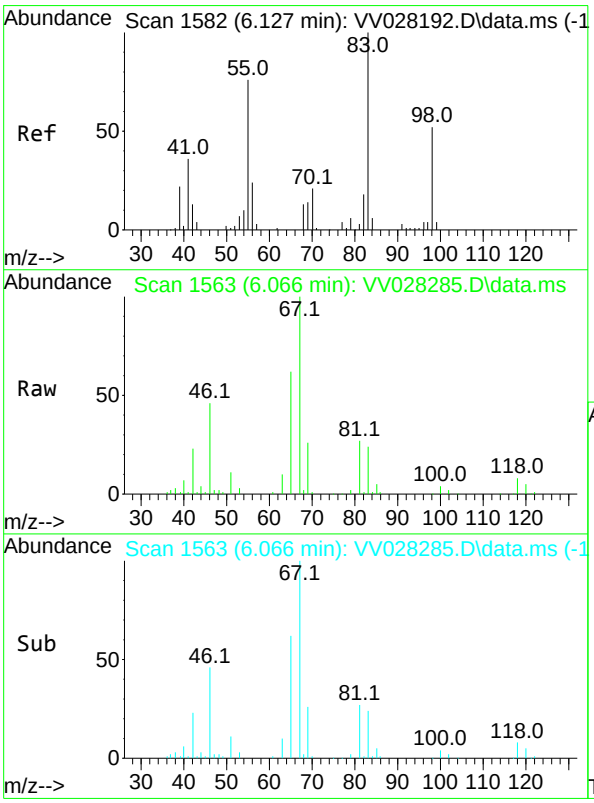



#33
Benzene
Concen: 0.043 ug/L
RT: 5.040 min Scan# 1
Delta R.T. -0.051 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

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

Tgt Ion: 78 Resp: 2383

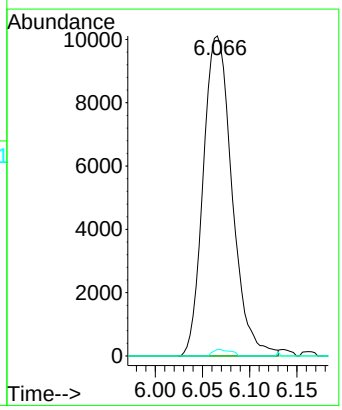


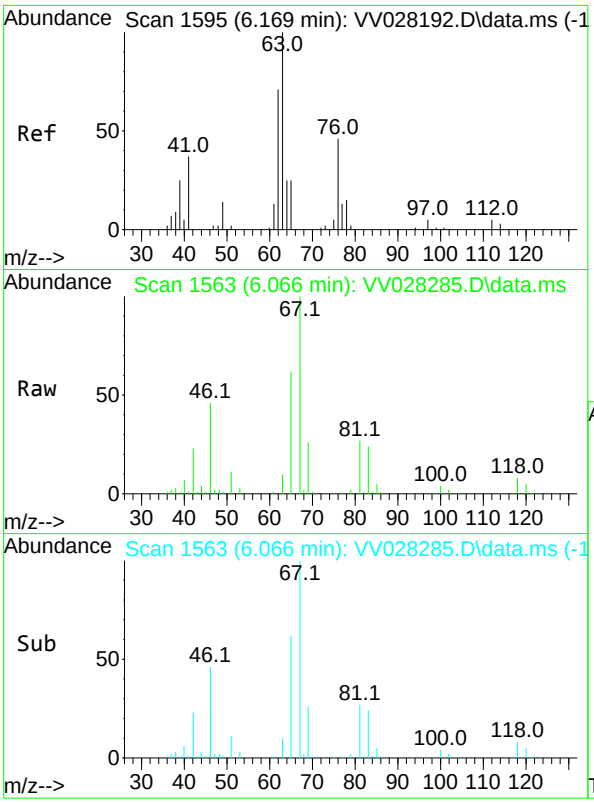




#35
Methylcyclohexane
Concen: 0.954 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

Tgt Ion: 83 Resp: 21421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 64.7 | 97.1# |
| 98 | 1.3 | 39.5 | 59.3# |



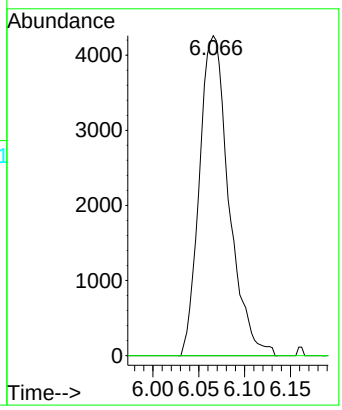


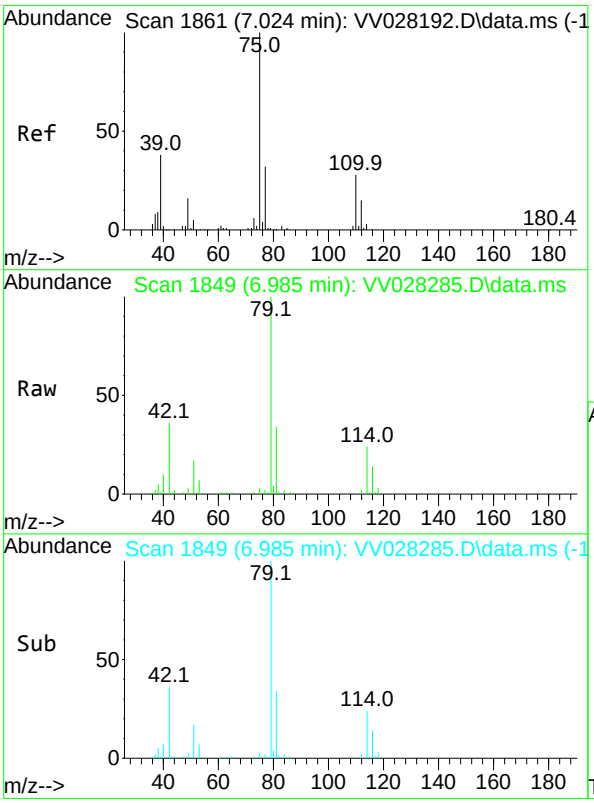

#37
1,2-Dichloropropane
Concen: 0.749 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

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

Tgt Ion: 63 Resp: 9525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.5 | 3.5 | 5.3# |

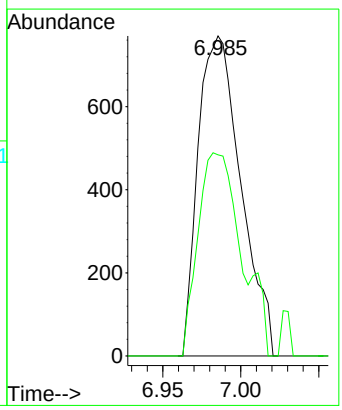


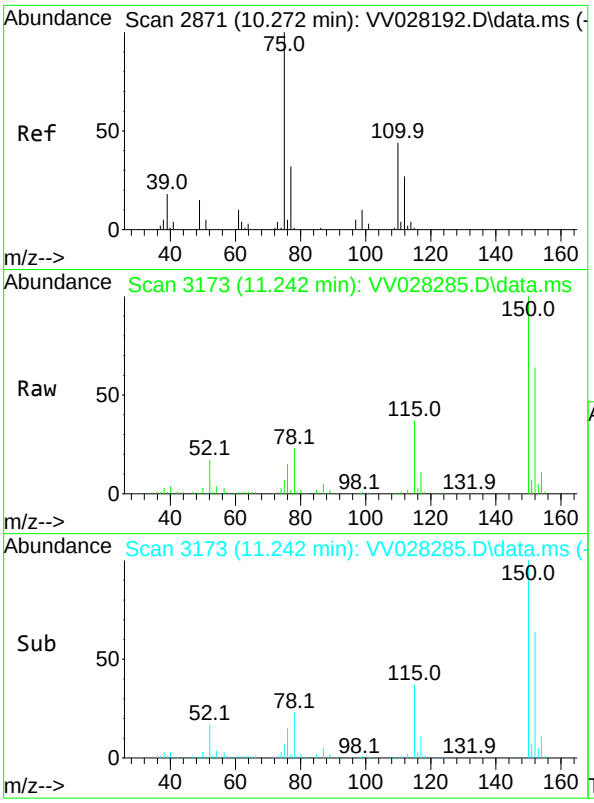




#39
cis-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

Tgt Ion: 75 Resp: 1468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 62.9 | 22.4 | 41.6# |






#61
1,2,3-Trichloropropane
Concen: 1.279 ug/L
RT: 11.242 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV028285.D
Acq: 03 Oct 2022 17:59

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

Tgt Ion: 75 Resp: 8323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.5 | 26.7 | 40.1 |
| 110 | 2.0 | 30.1 | 45.1# |