Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078306.D
Acq On : 01 Feb 2024 15:51
Operator : RP/MD
Sample : P1329-04
Misc : 5.76G/10ml/MSVOA_D/SOIL/VIAL A
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**

Quant Time: Feb 02 00:39:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.781 | 114 | 145536 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.581 | 117 | 128165 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.516 | 152 | 34557 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.275 | 65 | 101391 | 24.555 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 98.240% | | | |
| 7) Chloroethane-d5 | 2.799 | 69 | 85902 | 24.750 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 99.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.911 | 65 | 20607 | 23.114 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 92.440% | | | |
| 21) 2-Butanone-d5 | 6.987 | 46 | 34489 | 56.731 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 113.460% | | | |
| 24) Chloroform-d | 7.575 | 84 | 97252 | 23.437 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 93.760% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.228 | 65 | 59679 | 26.650 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 106.600% | | | |
| 32) Benzene-d6 | 8.204 | 84 | 199201 | 26.581 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 106.320% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.210 | 67 | 64791 | 28.083 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 112.320% | | | |
| 41) Toluene-d8 | 10.269 | 98 | 163839 | 24.340 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 97.360% | | | |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79 | 27605 | 26.797 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 107.200% | | | |
| 47) 2-Hexanone-d5 | 10.881 | 63 | 28507 | 60.900 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 121.800% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84 | 63966 | 29.837 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 119.360% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.816 | 152 | 28089 | 22.705 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 90.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 4.805 | 84 | 9335 | 3.271 | ug/L | 99 |
| 25) Chloroform | 7.593 | 83 | 4141 | 0.932 | ug/L | 85 |
| 34) Trichloroethene | 8.775 | 95 | 3986 | 1.827 | ug/L # | 3 |
| 35) Methylcyclohexane | 9.210 | 83 | 15723 | 4.607 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 9.210 | 63 | 6928 | 3.044 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 9.981 | 75 | 1838 | 0.519 | ug/L # | 32 |
| 48) 2-Hexanone | 10.881 | 43 | 5049 | 4.380 | ug/L # | 55 |
| 61) 1,2,3-Trichloropropane | 13.516 | 75 | 4665 | 5.292 | ug/L # | 64 |

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

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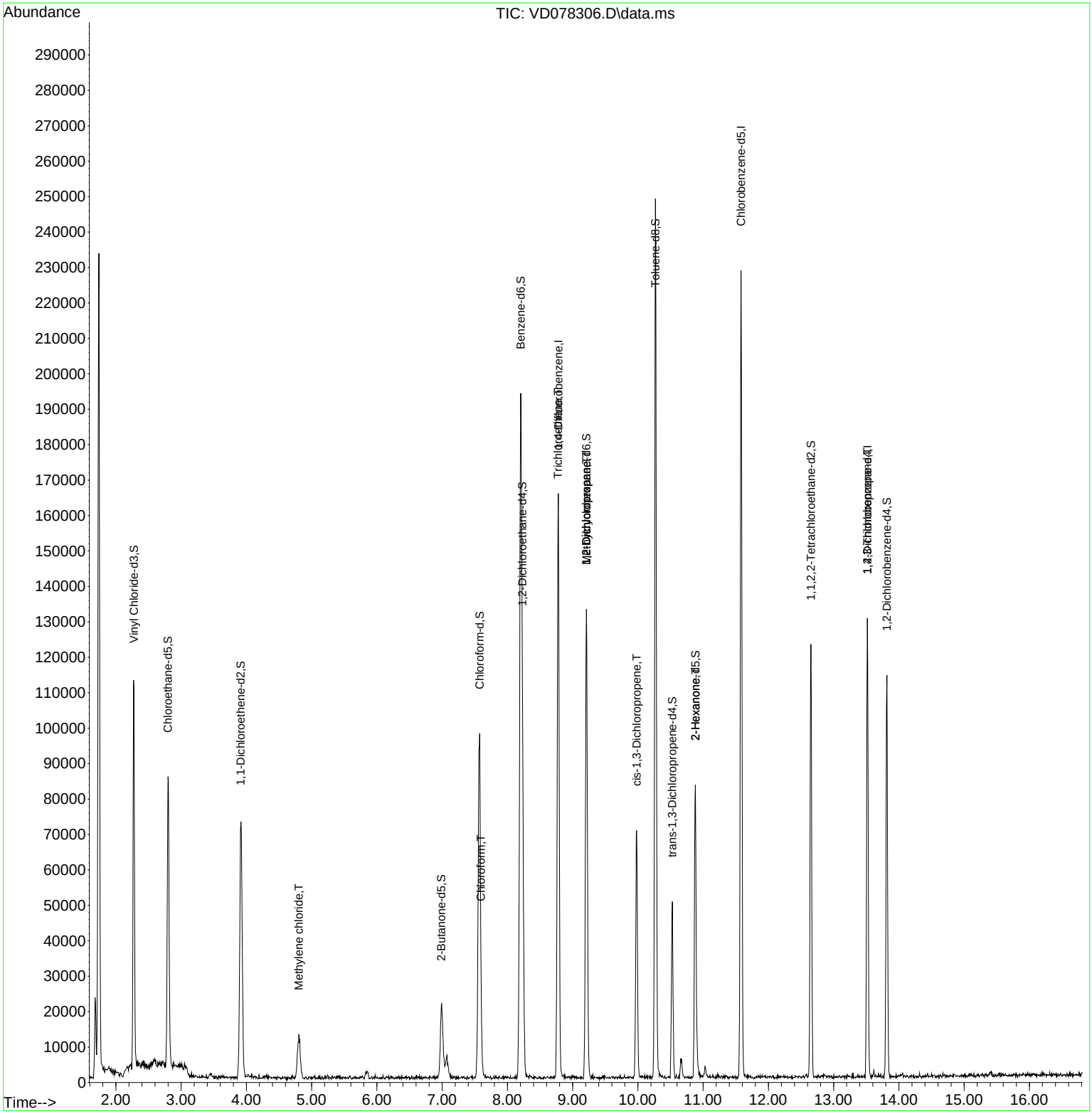
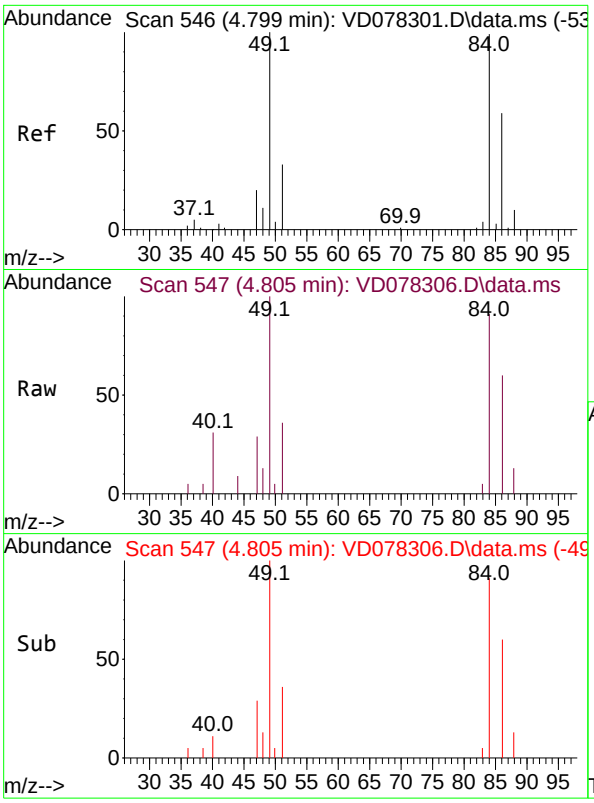
Operator : RP/MD
Sample : P1329-04
Misc : 5.76G/10ml/MSVOA_D/SOIL/VIAL A
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**

Quant Time: Feb 02 00:39:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration



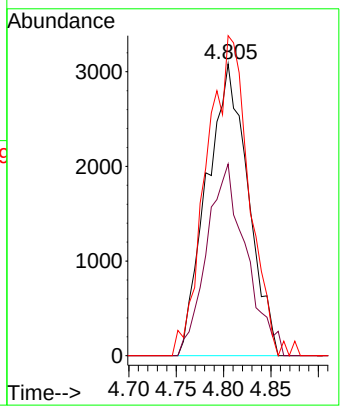


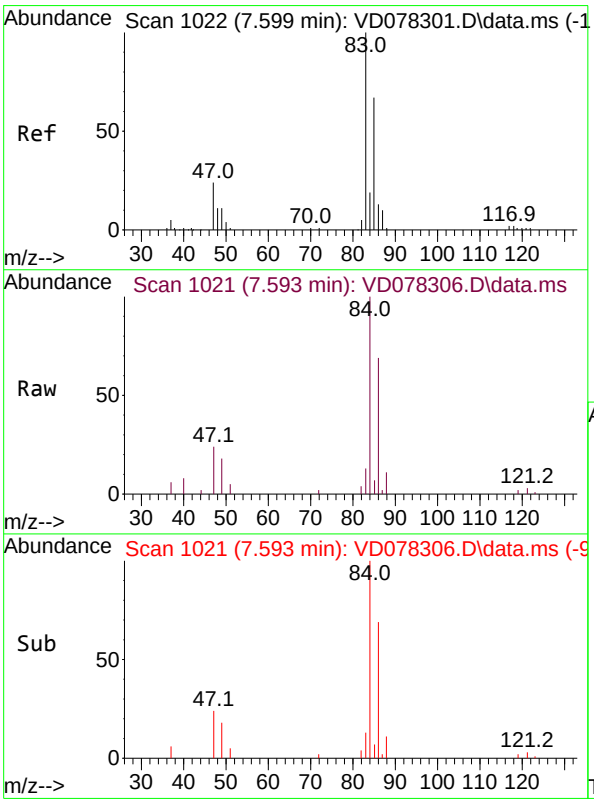

#16
Methylene chloride
Concen: 3.271 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

**Instrument :**
MSVOA_D
**ClientSampleId :**

Tgt Ion: 84 Resp: 9335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 65.7 | 45.4 | 84.2 |
| 49 | 109.6 | 77.3 | 143.7 |

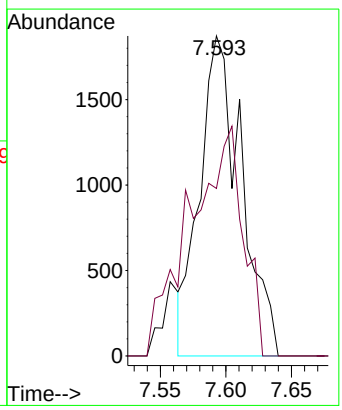


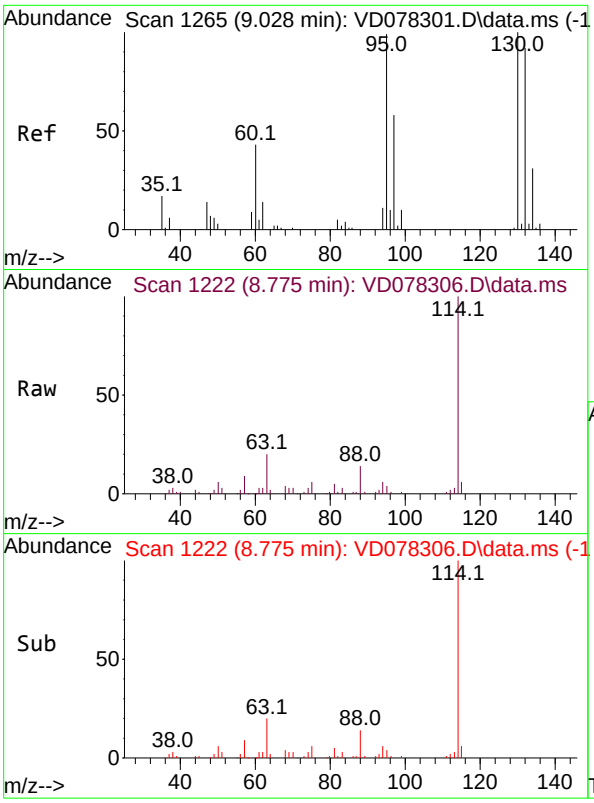




#25
Chloroform
Concen: 0.932 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

Tgt Ion: 83 Resp: 4141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 52.4 | 44.9 | 83.3 |



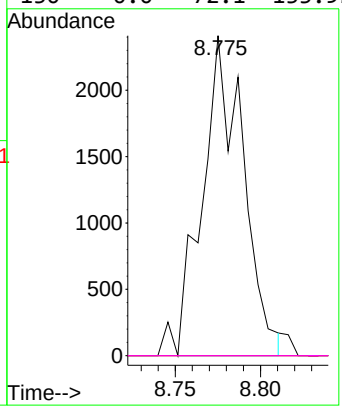


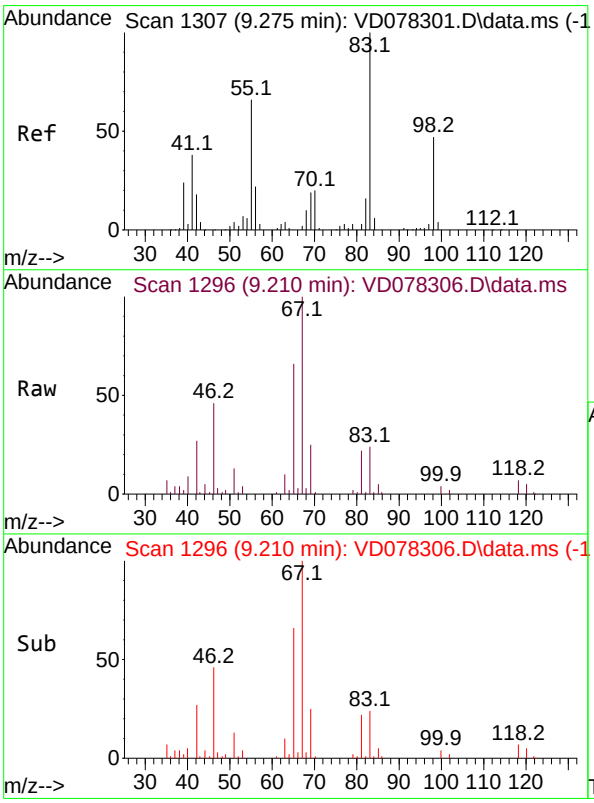

#34
Trichloroethene
Concen: 1.827 ug/L
RT: 8.775 min Scan# 1
Delta R.T. -0.253 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

**Instrument :**
MSVOA_D
**ClientSampleId :**

Tgt Ion: 95 Resp: 3986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 46.9 | 87.1# |
| 132 | 0.0 | 73.7 | 136.9# |
| 130 | 0.0 | 72.1 | 133.9# |

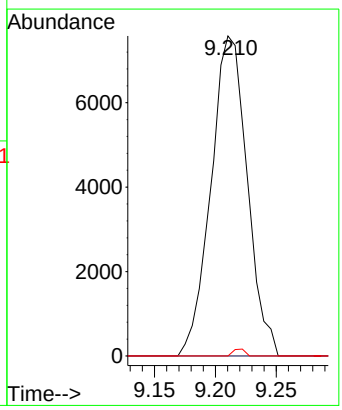


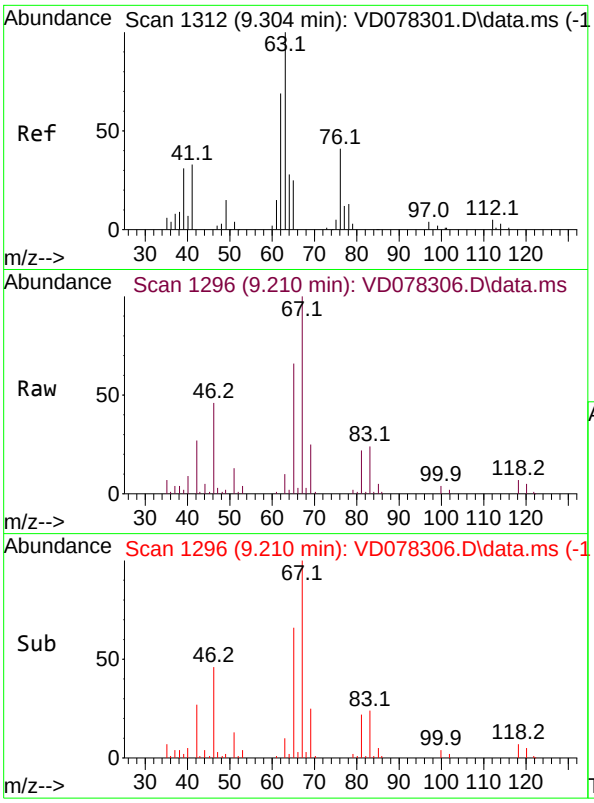




#35
Methylcyclohexane
Concen: 4.607 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

Tgt Ion: 83 Resp: 15723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 56.2 | 84.4# |
| 98 | 0.7 | 41.2 | 61.8# |



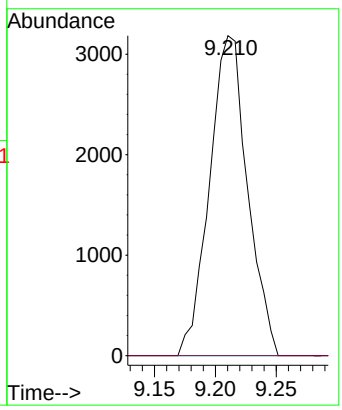


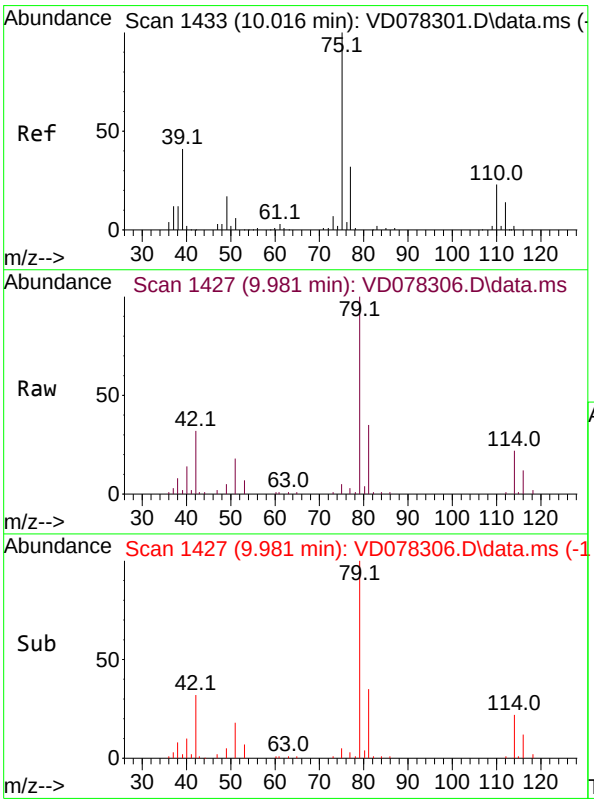

#37
1,2-Dichloropropane
Concen: 3.044 ug/L
RT: 9.210 min Scan# 1
Delta R.T. -0.094 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

**Instrument :**
MSVOA_D
**ClientSampleId :**

Tgt Ion: 63 Resp: 6928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.2# |

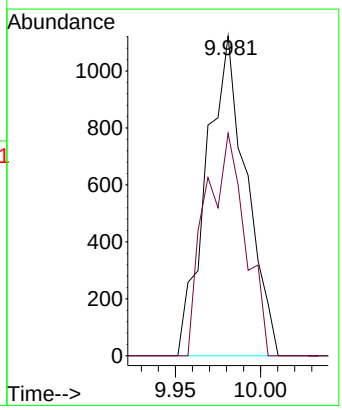


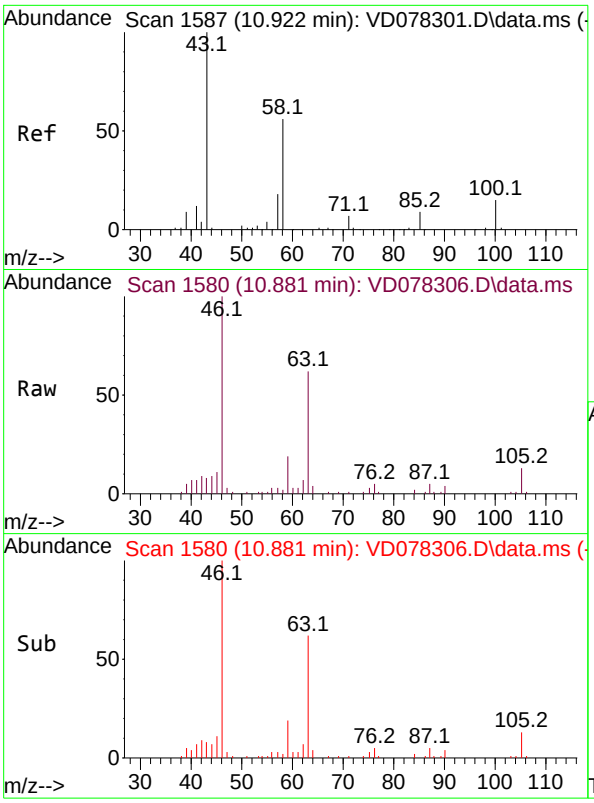




#39
cis-1,3-Dichloropropene
Concen: 0.519 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

Tgt Ion: 75 Resp: 1838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 69.5 | 22.3 | 41.5# |



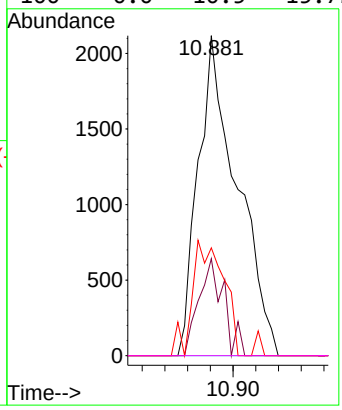


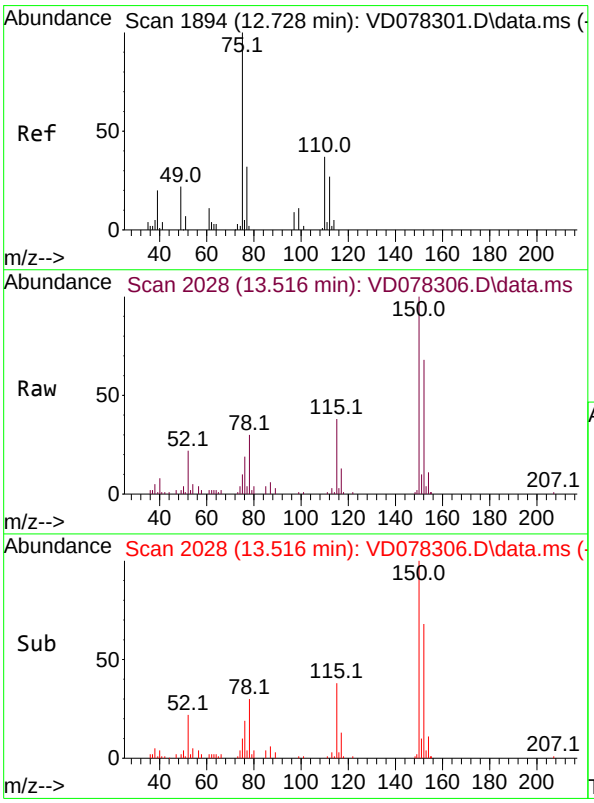

#48
2-Hexanone
Concen: 4.380 ug/L
RT: 10.881 min Scan# 1
Delta R.T. -0.041 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

**Instrument :**
MSVOA_D
**ClientSampleId :**

Tgt Ion: 43 Resp: 5049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 17.8 | 48.5 | 72.7# |
| 57 | 12.0 | 15.6 | 23.4# |
| 100 | 0.0 | 10.5 | 15.7# |




#61
1,2,3-Trichloropropane
Concen: 5.292 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD078306.D
Acq: 01 Feb 2024 15:51

Tgt Ion: 75 Resp: 4665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 26.5 | 39.7 |
| 110 | 0.0 | 31.8 | 47.8# |