Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034726.D
Acq On : 19 Mar 2024 11:37
Operator : SY/MD
Sample : P1752-02DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 20 01:21:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 01:19:21 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.532 | 114 | 342711 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 320546 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.185 | 152 | 149073 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 146187 | 49.206 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 98.420% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 115132 | 49.742 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 99.480% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.060 | 65 | 63652 | 47.374 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 94.740% | | | |
| 21) 2-Butanone-d5 | 3.793 | 46 | 189360 | 95.310 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 95.310% | | | |
| 24) Chloroform-d | 4.246 | 84 | 250193 | 47.629 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.260% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.937 | 65 | 166903 | 48.622 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.240% | | | |
| 32) Benzene-d6 | 4.957 | 84 | 489363 | 50.585 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.160% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.986 | 67 | 148779 | 50.393 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 100.780% | | | |
| 41) Toluene-d8 | 7.240 | 98 | 432829 | 49.440 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.880% | | | |
| 43) trans-1,3-Dichloroprop... | 7.551 | 79 | 69951 | 47.182 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 94.360% | | | |
| 47) 2-Hexanone-d5 | 8.024 | 63 | 109963 | 74.587 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 74.590% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84 | 189432 | 48.756 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.520% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.558 | 152 | 157805 | 51.789 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.580% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063 | 101 | 2966 | 1.072 | ug/L # | 39 |
| 12) 1,1-Dichloroethene | 2.069 | 96 | 87707 | 34.178 | ug/L # | 79 |
| 13) Acetone | 2.124 | 43 | 85907 | 35.968 | ug/L | 97 |
| 15) Methyl Acetate | 2.282 | 43 | 31929 | 10.449 | ug/L # | 53 |
| 19) 1,1-Dichloroethane | 3.114 | 63 | 33192 | 6.822 | ug/L | 99 |
| 27) 1,2-Dichloroethane | 5.060 | 62 | 6941 | 1.694 | ug/L # | 90 |
| 30) 1,1,1-Trichloroethane | 4.510 | 97 | 21442 | 4.665 | ug/L | 100 |
| 35) Methylcyclohexane | 5.986 | 83 | 37769 | 8.784 | ug/L # | 18 |
| 39) cis-1,3-Dichloropropene | 6.912 | 75 | 4996 | 1.184 | ug/L # | 70 |

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

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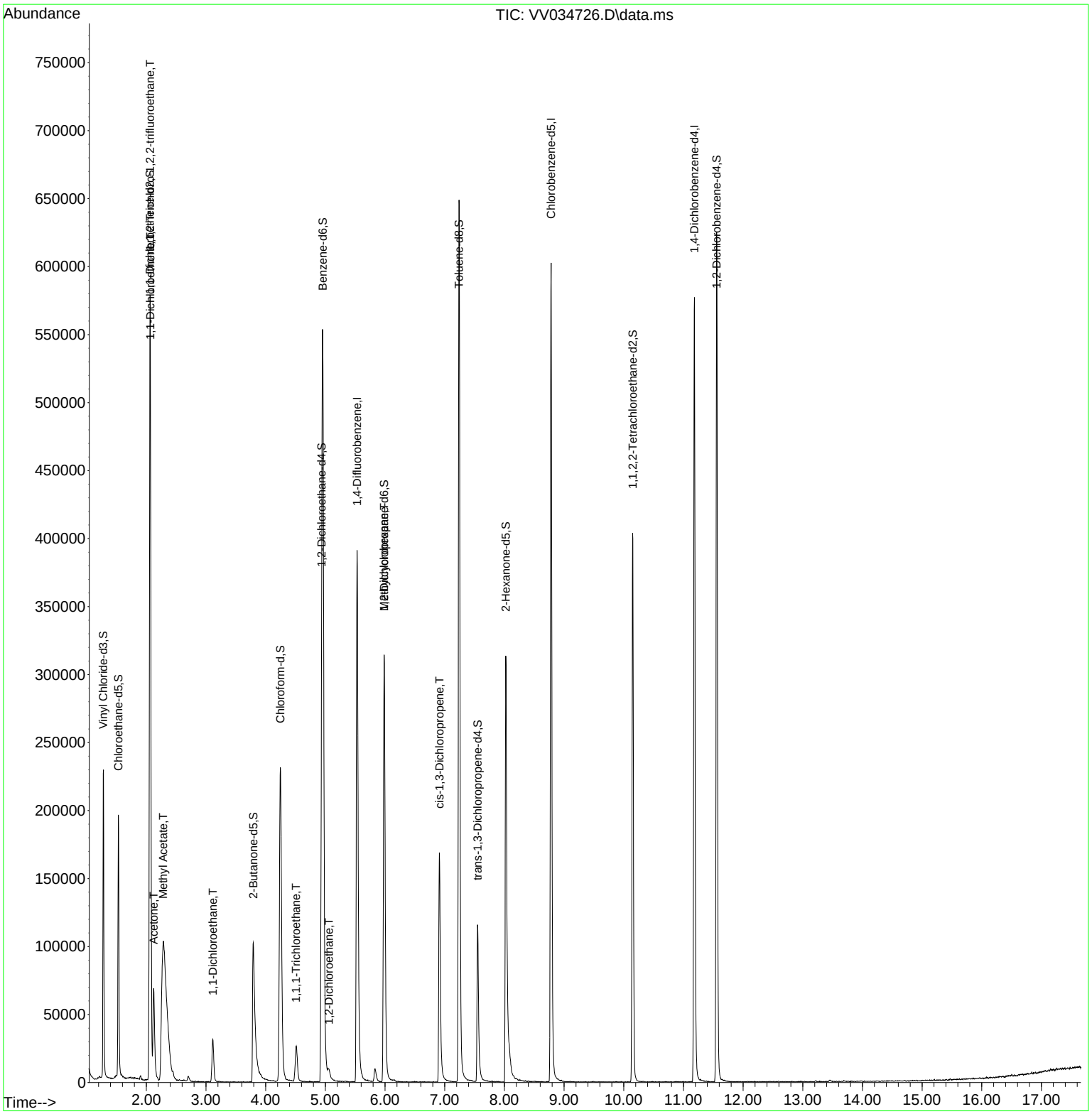
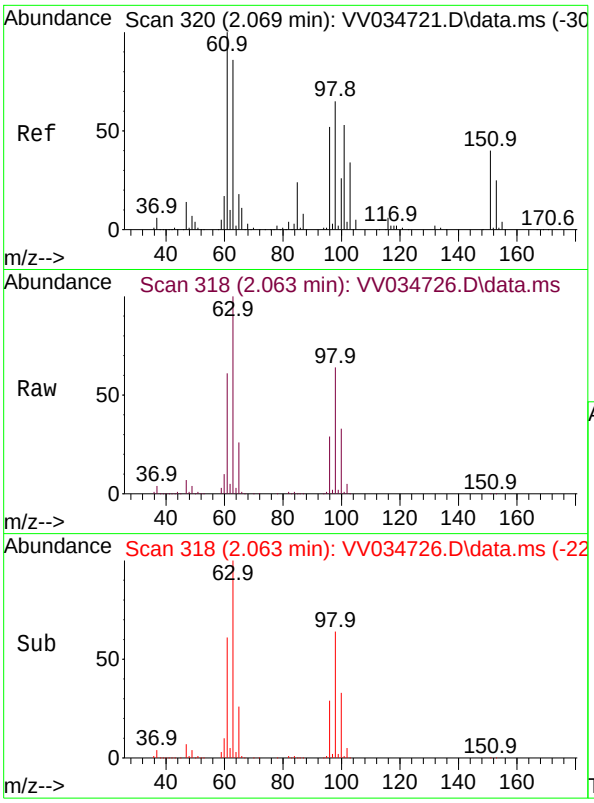
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 20 01:21:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 01:19:21 2024
Response via : Initial Calibration



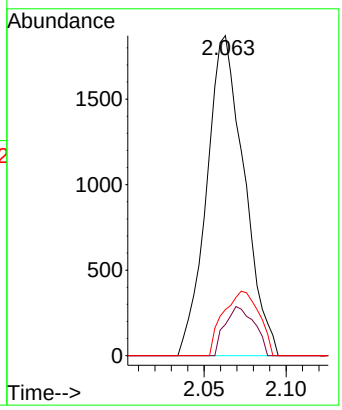


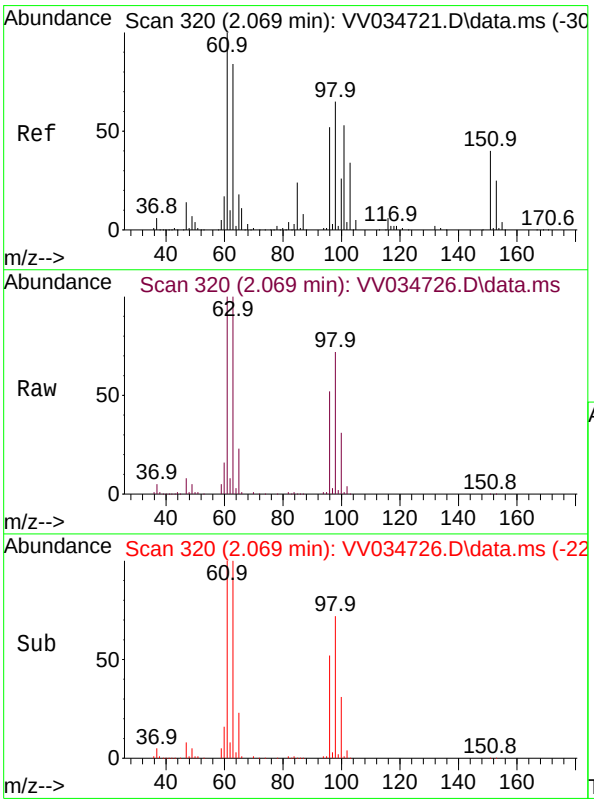

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.072 ug/L
RT: 2.063 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

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

Tgt Ion:101 Resp: 2966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 12.0 | 37.4 | 56.0# |
| 151 | 19.3 | 61.4 | 92.2# |

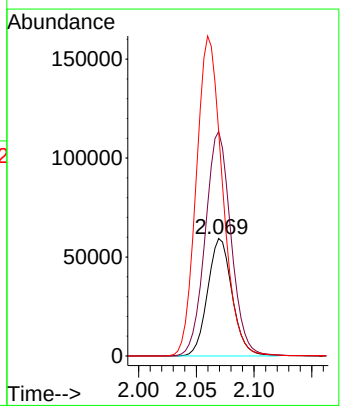


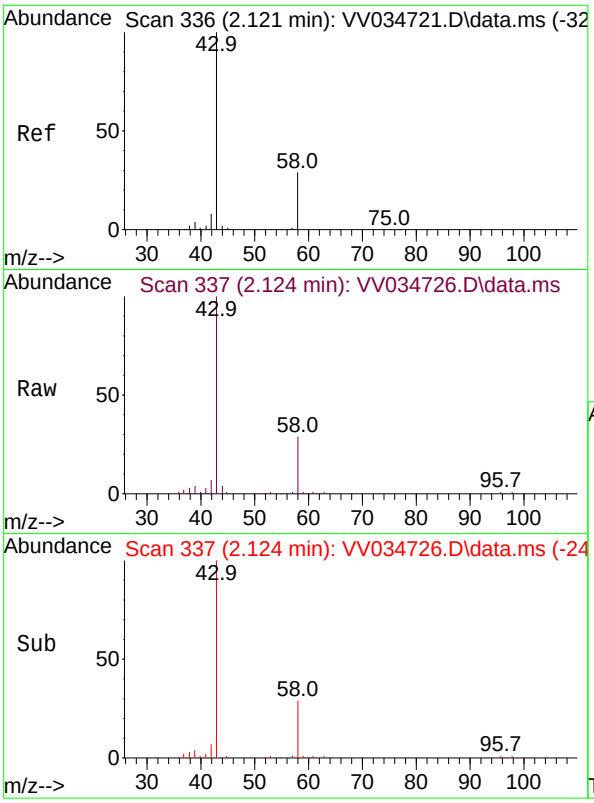




#12
1,1-Dichloroethene
Concen: 34.178 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

Tgt Ion: 96 Resp: 87707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 191.1 | 128.9 | 239.3 |
| 63 | 191.0 | 98.0 | 182.0# |



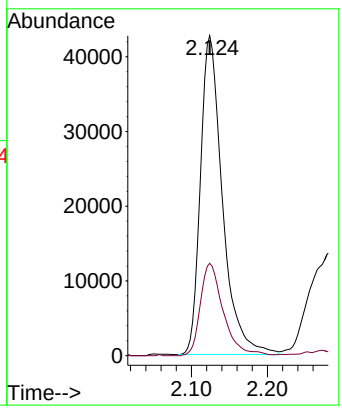


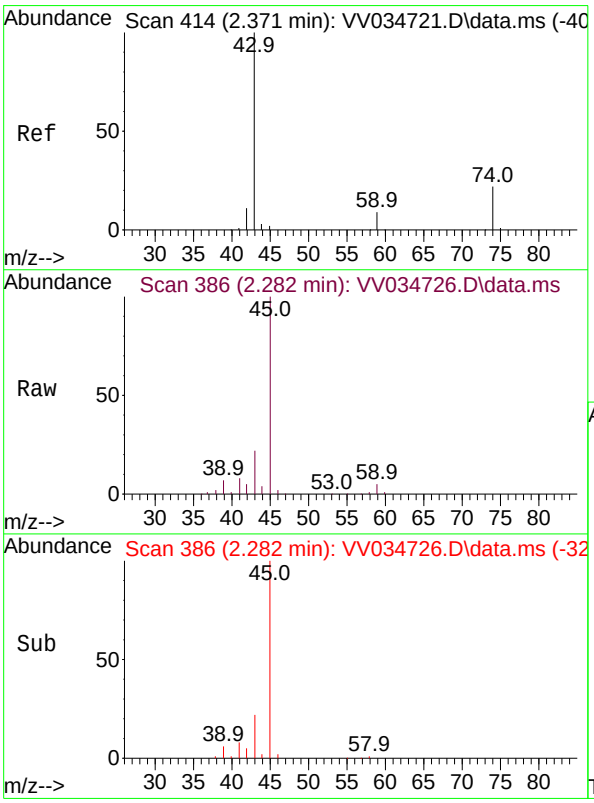

#13
Acetone
Concen: 35.968 ug/L
RT: 2.124 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

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

Tgt Ion: 43 Resp: 85907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.1 | 0.0 | 57.2 |

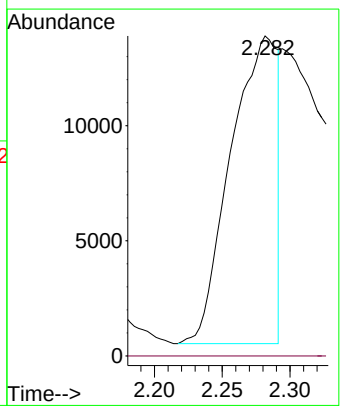


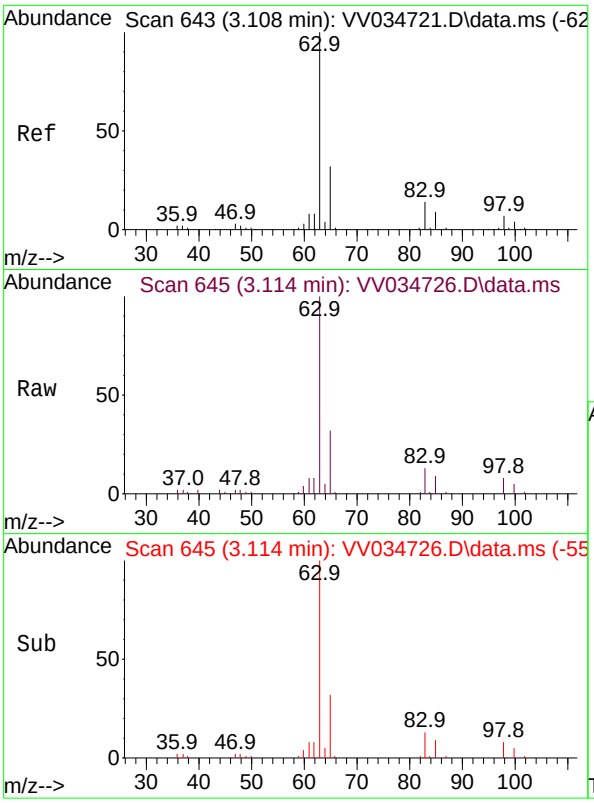




#15
Methyl Acetate
Concen: 10.449 ug/L
RT: 2.282 min Scan# 386
Delta R.T. -0.090 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

Tgt Ion: 43 Resp: 31929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.8 | 26.8# |



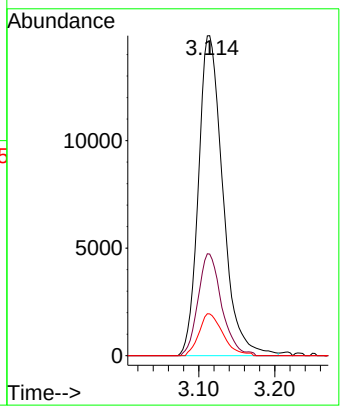


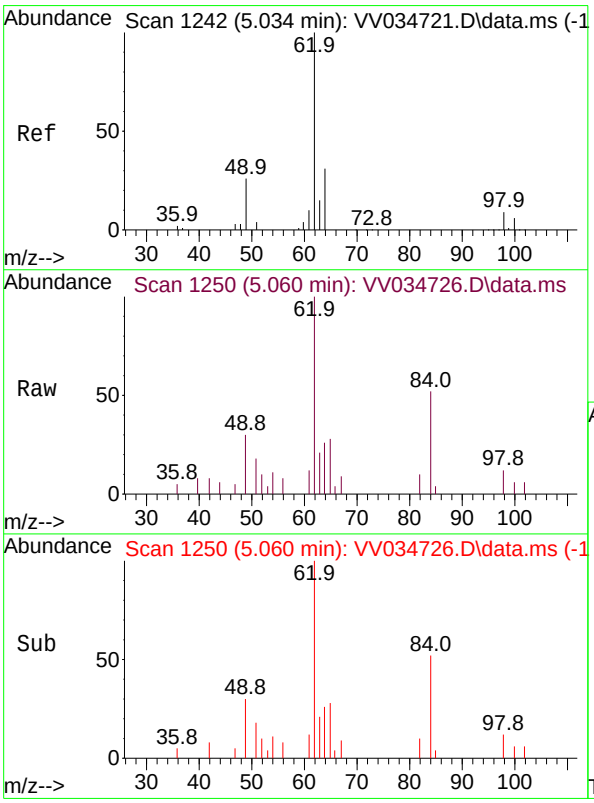

#19
1,1-Dichloroethane
Concen: 6.822 ug/L
RT: 3.114 min Scan# 6
Delta R.T. 0.007 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

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

Tgt Ion: 63 Resp: 33192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 22.1 | 41.1 |
| 83 | 13.0 | 9.9 | 18.3 |

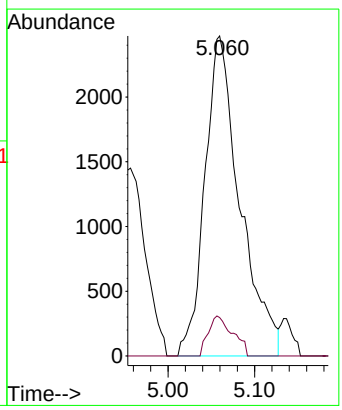


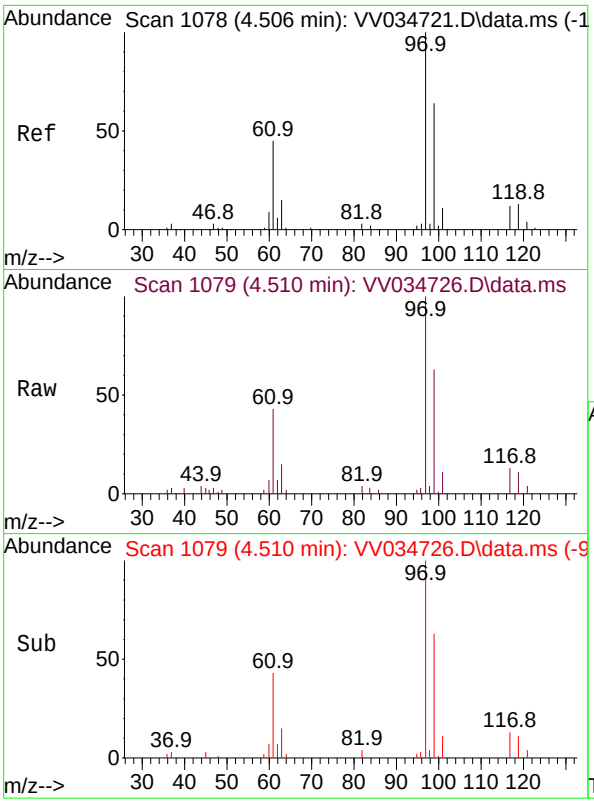




#27
1,2-Dichloroethane
Concen: 1.694 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. 0.026 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

Tgt Ion: 62 Resp: 6941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 12.0 | 6.6 | 10.0# |



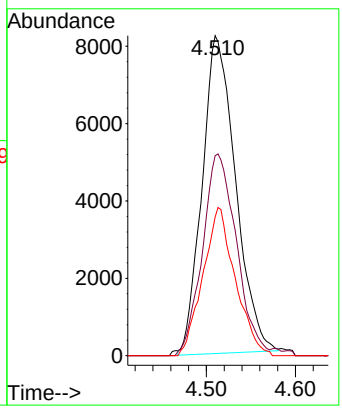


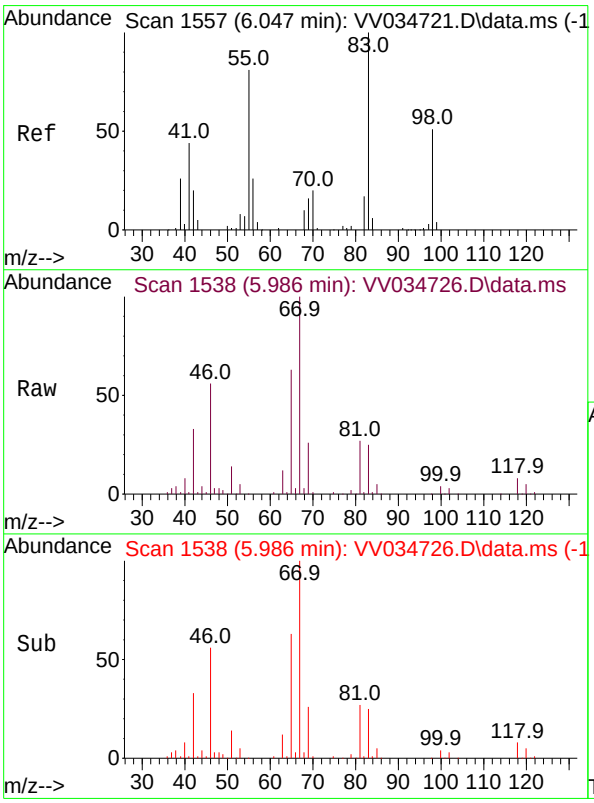

#30
1,1,1-Trichloroethane
Concen: 4.665 ug/L
RT: 4.510 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

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

Tgt Ion: 97 Resp: 21442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.6 | 51.3 | 76.9 |
| 61 | 45.1 | 36.0 | 54.0 |

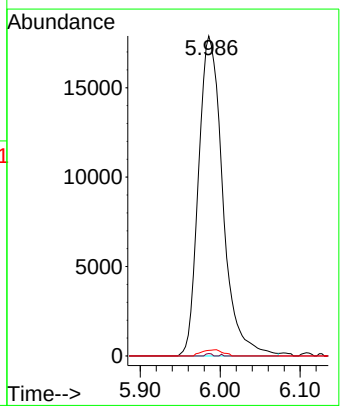


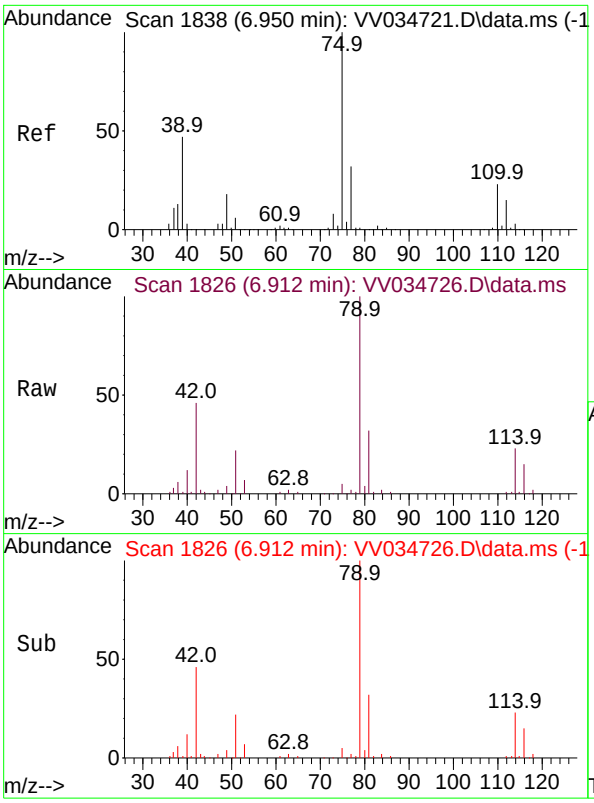




#35
Methylcyclohexane
Concen: 8.784 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

Tgt Ion: 83 Resp: 37769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 62.6 | 94.0# |
| 98 | 1.7 | 39.5 | 59.3# |






#39
cis-1,3-Dichloropropene
Concen: 1.184 ug/L
RT: 6.912 min Scan# 1
Delta R.T. -0.038 min
Lab File: VV034726.D
Acq: 19 Mar 2024 11:37

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

Tgt Ion: 75 Resp: 4996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.3 | 20.9 | 38.9# |