Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
Data File : VL042316.D
Acq On : 11 Apr 2025 12:40
Operator : SY/MD
Sample : QC041025CAN 10596
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Quant Time: Apr 11 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Bromochloromethane | 2.787 | 49 | 170330 | 10.000 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 3.962 | 114 | 400070 | 10.000 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 8.885 | 117 | 341964 | 10.000 | ppbv | 0.00 |
| System Monitoring Compounds | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 10.380 | 95 | 254170 | 9.051 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 90.500% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Ethanol | 1.725 | 45 | 334 | 0.300 | ppbv | 76 |
| 15) Acetone | 1.835 | 43 | 4550 | 0.191 | ppbv | 93 |
| 16) 1,3-Butadiene | 1.602 | 39 | 797 | 0.069 | ppbv # | 33 |
| 19) Isopropyl Alcohol | 1.890 | 45 | 630 | 0.047 | ppbv # | 1 |
| 20) Methylene Chloride | 2.062 | 84 | 1729 | 0.195 | ppbv | 89 |
| 23) Vinyl Acetate | 2.460 | 43 | 457 | 0.044 | ppbv # | 8 |
| 39) 1,2-Dichloropropane | 3.962 | 63 | 102729 | 7.112 | ppbv # | 22 |
| 74) 1,2,4-Trimethylbenzene | 11.542 | 105 | 2097 | 0.034 | ppbv # | 65 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
Data File : VL042316.D
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Quant Time: Apr 11 22:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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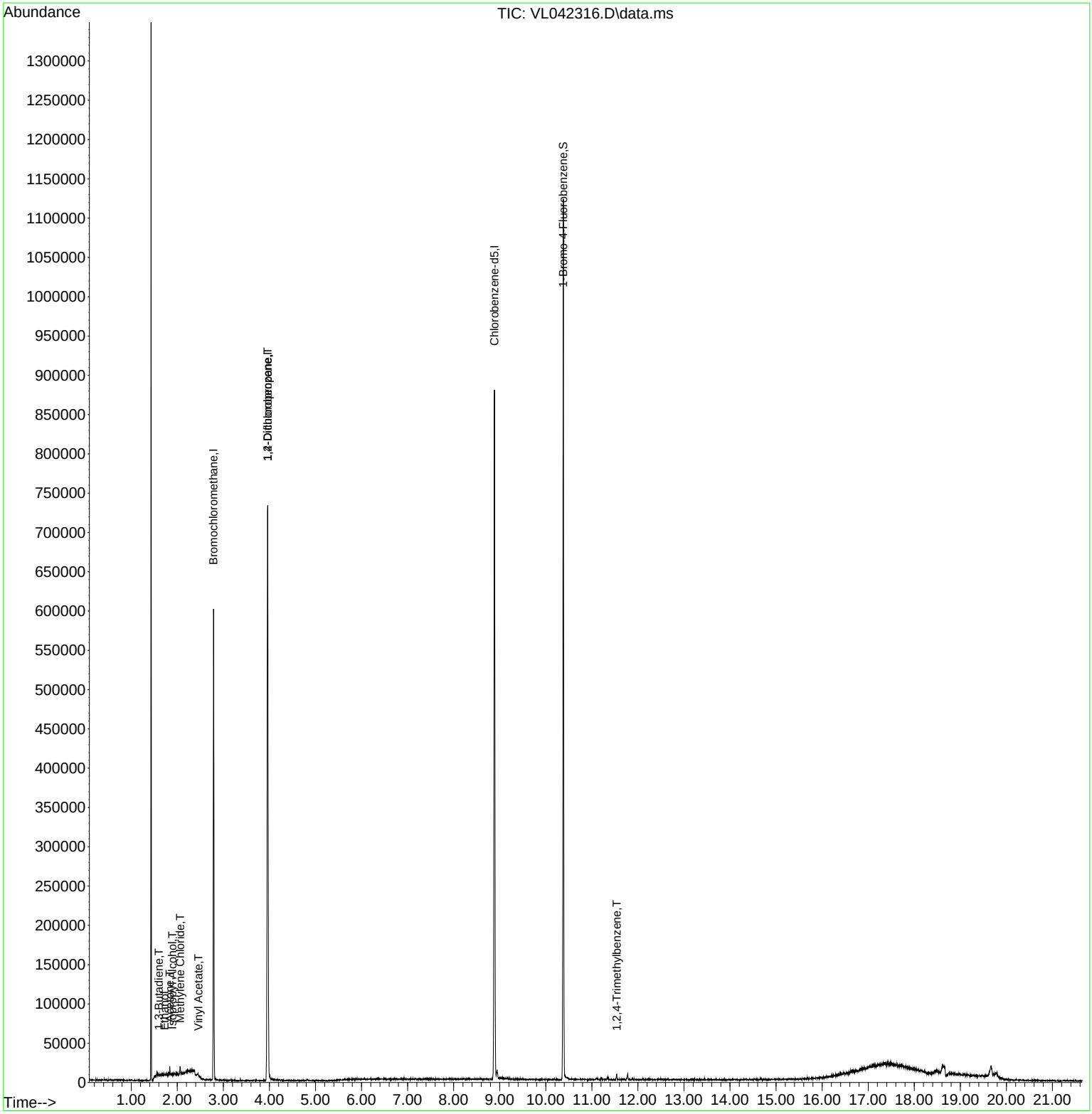
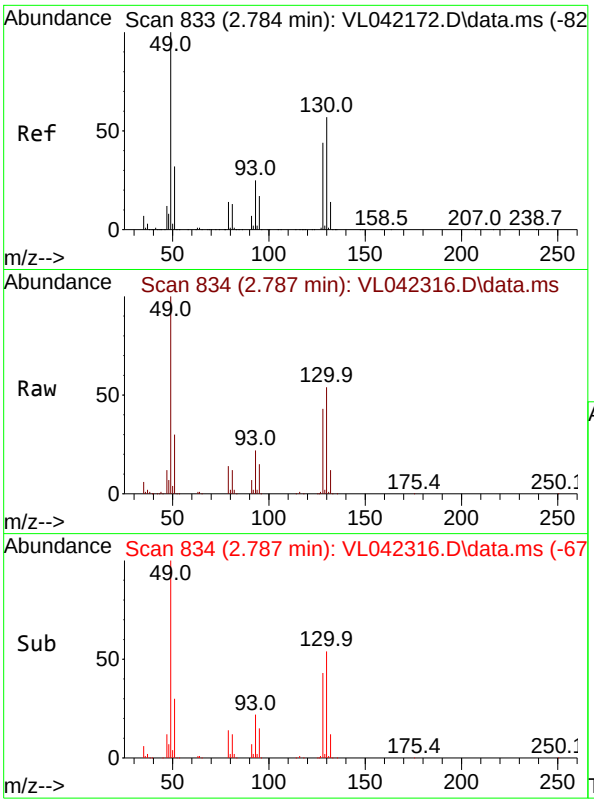


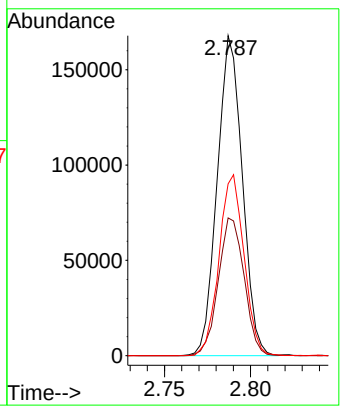


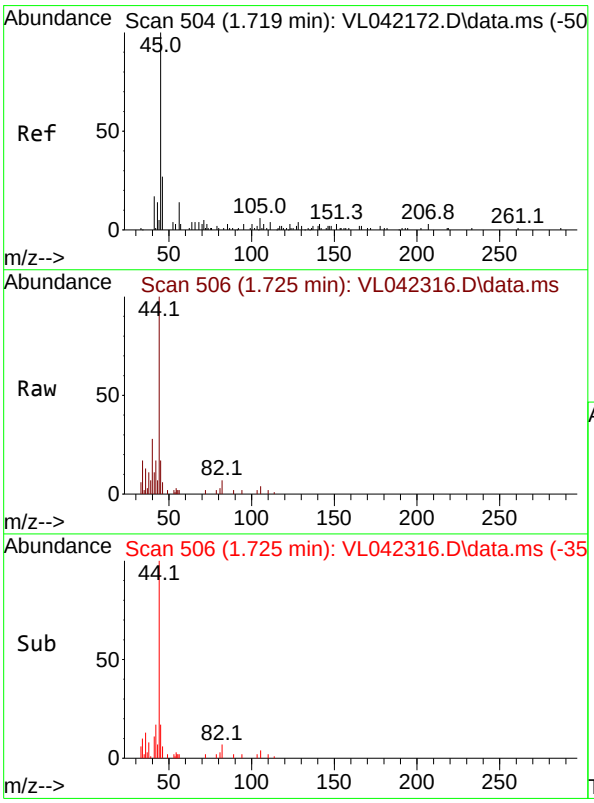

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Tgt Ion: 49 Resp: 170330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 44.4 | 22.9 | 68.5 |
| 130 | 56.6 | 28.8 | 86.4 |

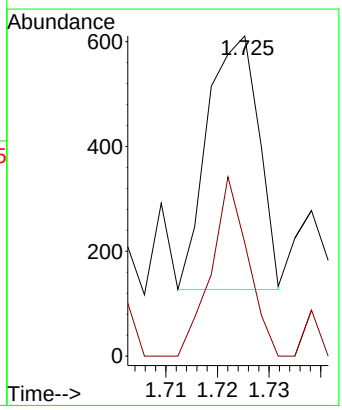


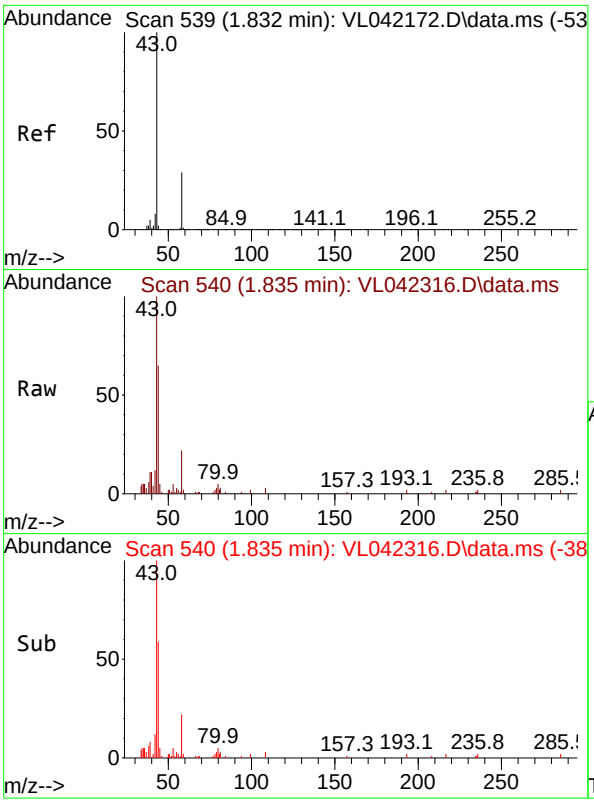




#13
Ethanol
Concen: 0.300 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion: 45 Resp: 334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 67.1 | 20.2 | 80.8 |



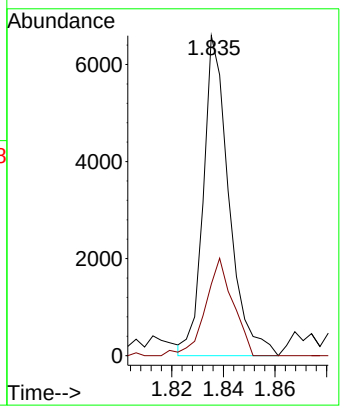


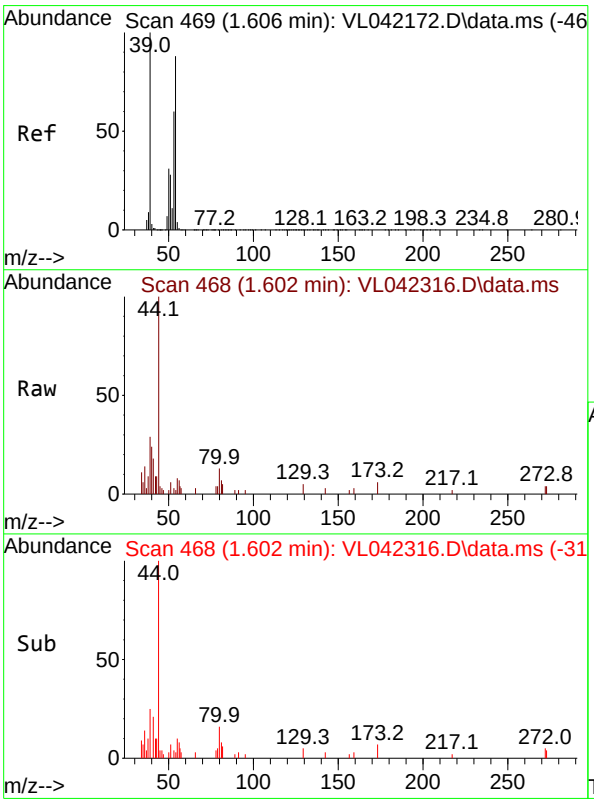

#15
Acetone
Concen: 0.191 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Tgt Ion: 43 Resp: 4550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.8 | 23.2 | 34.8 |

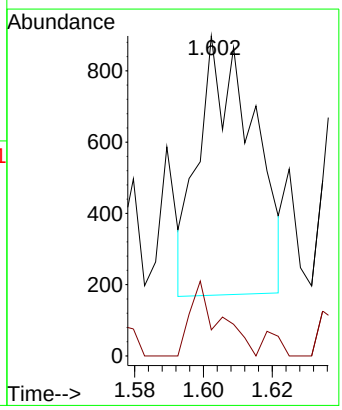


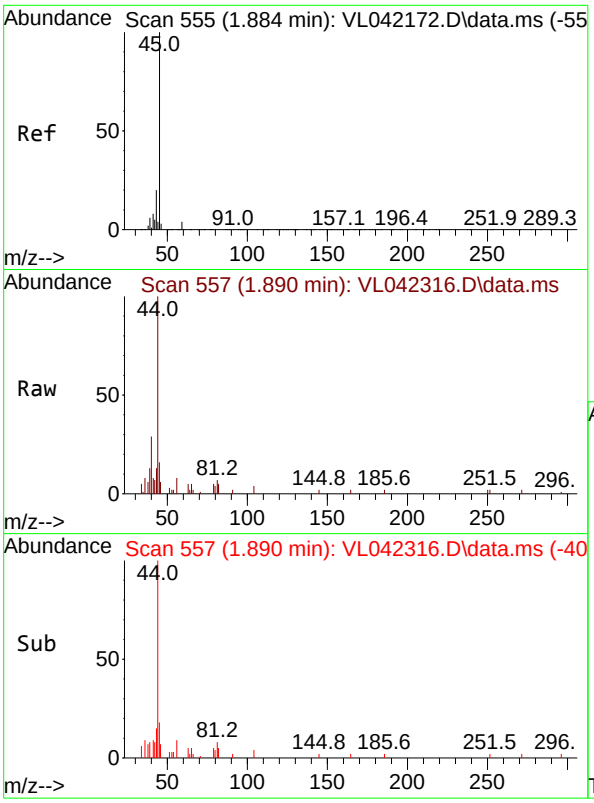




#16
1,3-Butadiene
Concen: 0.069 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.004 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion: 39 Resp: 797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 18.8 | 60.7 | 91.1# |



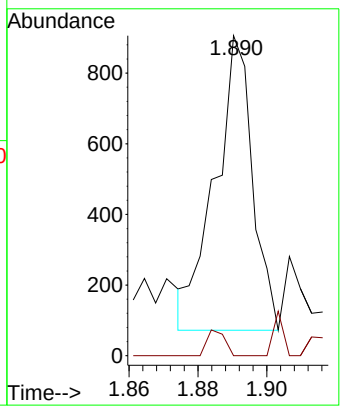


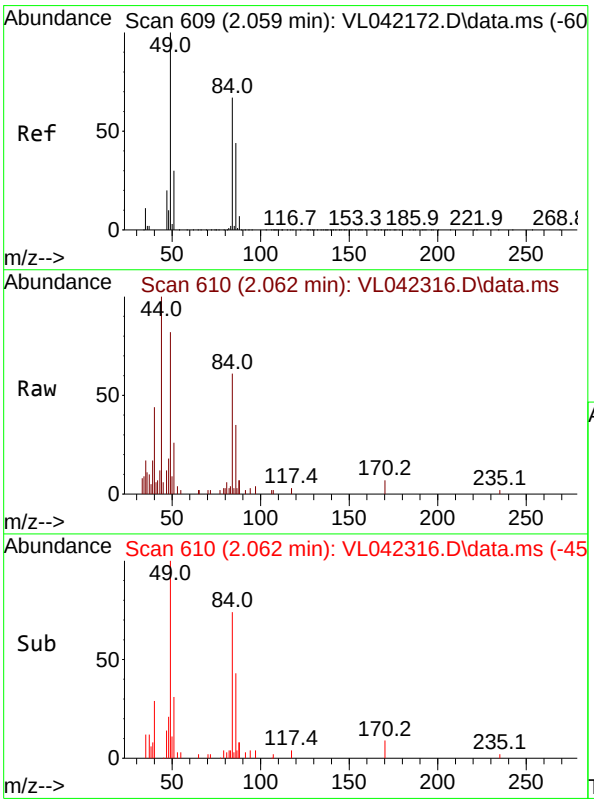

#19
Isopropyl Alcohol
Concen: 0.047 ppbv
RT: 1.890 min Scan# 5
Delta R.T. 0.006 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Tgt Ion: 45 Resp: 630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 239.0 | 36.9 | 55.3# |

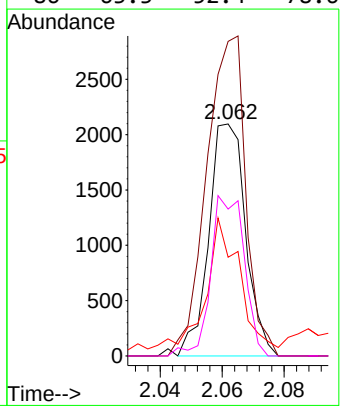


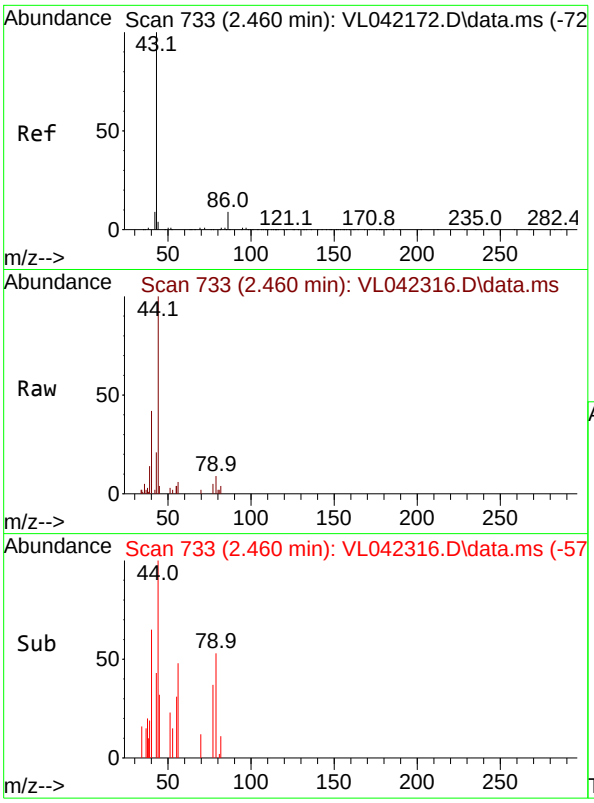




#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion: 84 Resp: 1729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 132.3 | 120.2 | 180.4 |
| 51 | 38.9 | 37.4 | 56.0 |
| 86 | 63.3 | 52.4 | 78.6 |



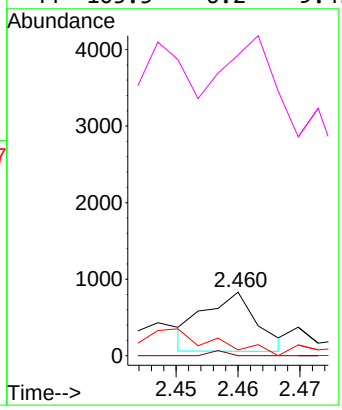


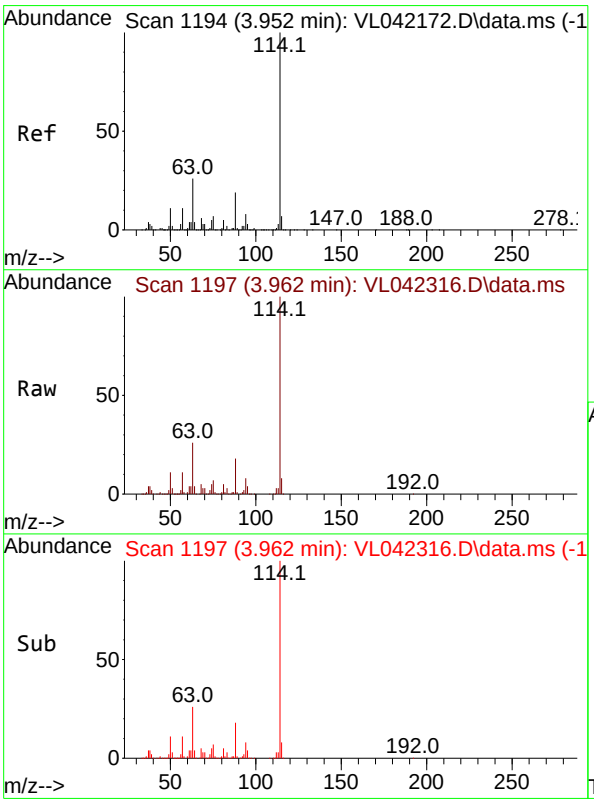

#23
Vinyl Acetate
Concen: 0.044 ppbv
RT: 2.460 min Scan# 7
Delta R.T. -0.000 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Tgt Ion: 43 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 5.5 | 8.3# |
| 42 | 12.5 | 8.6 | 13.0 |
| 44 | 105.5 | 6.2 | 9.4# |

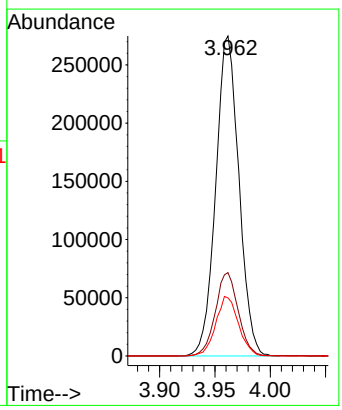


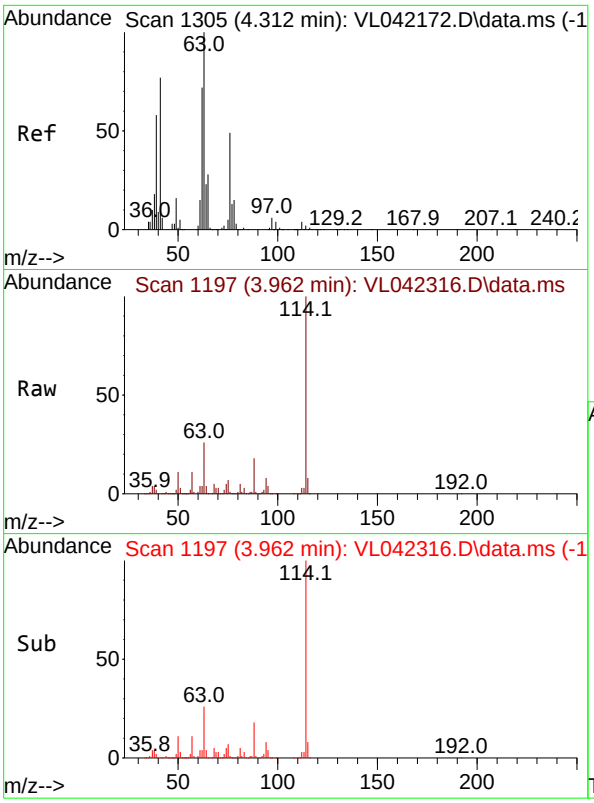




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.009 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion:114 Resp: 400070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 25.8 | 20.7 | 31.1 |
| 88 | 18.2 | 15.0 | 22.4 |



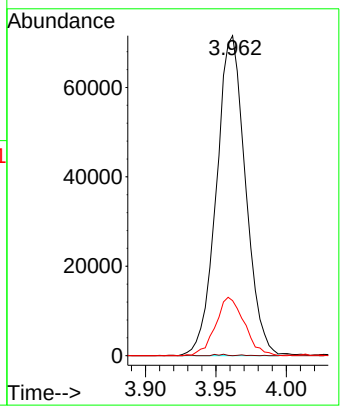


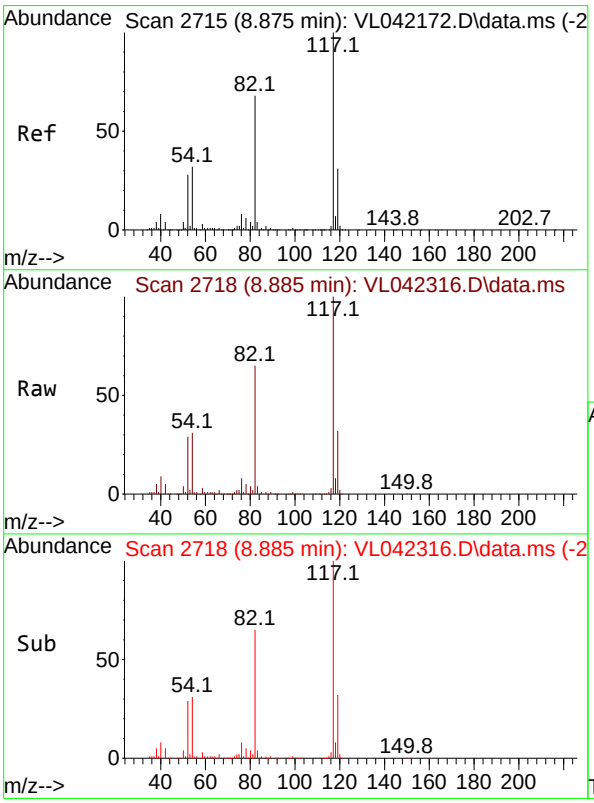

#39
1,2-Dichloropropane
Concen: 7.112 ppbv
RT: 3.962 min Scan# 11
Delta R.T. -0.350 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Tgt Ion: 63 Resp: 102729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.4 | 61.7 | 92.5# |
| 62 | 17.2 | 57.6 | 86.4# |

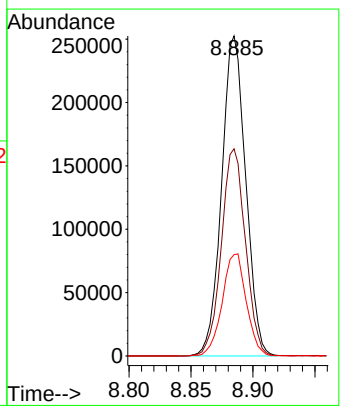


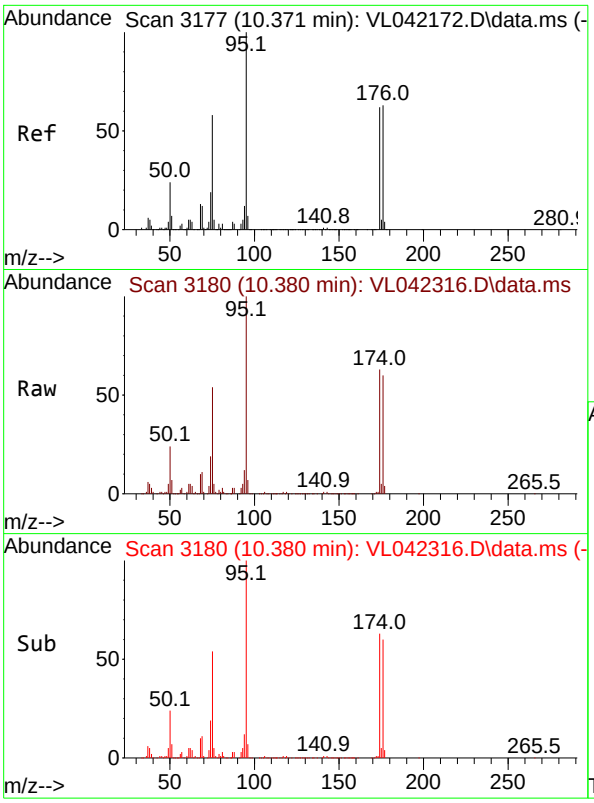




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.009 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion:117 Resp: 341964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 65.0 | 55.8 | 83.6 |
| 119 | 32.0 | 25.5 | 38.3 |



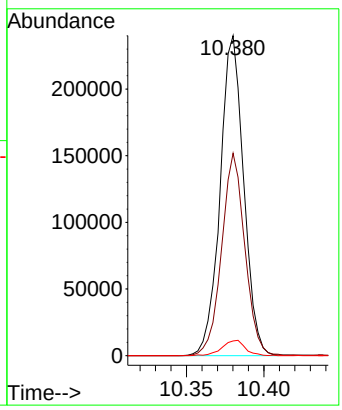


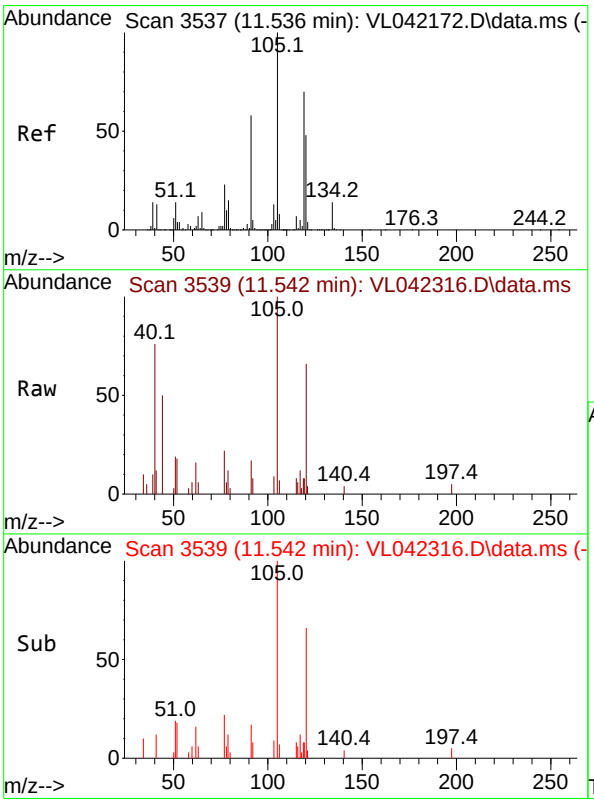

#68
1-Bromo-4-Fluorobenzene
Concen: 9.051 ppbv
RT: 10.380 min Scan# 3
Delta R.T. 0.009 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
QC041025CAN 10596

Tgt Ion: 95 Resp: 254170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 62.7 | 50.6 | 76.0 |
| 175 | 4.8 | 3.8 | 5.6 |




#74
1,2,4-Trimethylbenzene
Concen: 0.034 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.006 min
Lab File: VL042316.D
Acq: 11 Apr 2025 12:40

Tgt Ion:105 Resp: 2097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 66.5 | 38.6 | 58.0# |
| 91 | 16.7 | 46.2 | 69.2# |
| 77 | 21.6 | 18.6 | 27.8 |