Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
Data File : VL042038.D
Acq On : 21 Feb 2025 13:20
Operator : SY/MD
Sample : Q1386-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Quant Time: Feb 21 21:52:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Feb 18 00:13:37 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) Bromochloromethane | 2.790 | 49 | 102359 | 10.000 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 3.962 | 114 | 260637 | 10.000 | ppbv | | -0.02 |
| 55) Chlorobenzene-d5 | 8.885 | 117 | 236485 | 10.000 | ppbv | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 10.380 | 95 | 197760 | 10.138 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 101.400% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.499 | 85 | 8017 | 0.455 | ppbv | | 91 |
| 3) Chlorodifluoromethane | 1.476 | 51 | 91064 | 4.675 | ppbv | # | 87 |
| 4) Chloromethane | 1.535 | 50 | 3318 | 0.485 | ppbv | # | 85 |
| 7) Chloroethane | 1.467 | 64 | 6966 | 2.610 | ppbv | # | 45 |
| 9) Propene | 1.560 | 41 | 678597 | 80.802 | ppbv | | 99 |
| 10) Heptane | 4.985 | 43 | 2253 | 0.097 | ppbv | # | 37 |
| 11) Trichlorofluoromethane | 1.878 | 101 | 8686 | 0.490 | ppbv | | 96 |
| 12) 1,1,2-Trichlorotrifluo... | 2.140 | 101 | 1104 | 0.080 | ppbv | # | 77 |
| 13) Ethanol | 1.722 | 45 | 221398 | 233.728 | ppbv | | 79 |
| 15) Acetone | 1.835 | 43 | 602373 | 35.653 | ppbv | | 97 |
| 16) 1,3-Butadiene | 1.622 | 39 | 8227 | 1.026 | ppbv | # | 19 |
| 17) tert-Butyl alcohol | 2.046 | 59 | 2469 | 0.118 | ppbv | # | 70 |
| 19) Isopropyl Alcohol | 1.887 | 45 | 314221 | 33.167 | ppbv | | 91 |
| 20) Methylene Chloride | 2.062 | 84 | 226843 | 35.667 | ppbv | | 94 |
| 21) Allyl Chloride | 2.062 | 41 | 8539 | 0.698 | ppbv | # | 20 |
| 22) trans-1,2-Dichloroethene | 2.719 | 96 | 1531 | 0.213 | ppbv | | 96 |
| 23) Vinyl Acetate | 2.457 | 43 | 3279 | 0.358 | ppbv | # | 97 |
| 25) Ethyl Acetate | 2.829 | 43 | 153409 | 3.308 | ppbv | # | 86 |
| 26) Hexane | 2.829 | 57 | 164162 | 8.822 | ppbv | # | 42 |
| 27) Carbon Disulfide | 2.156 | 76 | 616 | 0.035 | ppbv | # | 1 |
| 29) Chloroform | 2.852 | 83 | 5776 | 0.214 | ppbv | | 89 |
| 31) cis-1,2-Dichloroethene | 2.726 | 61 | 5277 | 0.287 | ppbv | # | 84 |
| 34) 2-Butanone | 2.564 | 43 | 20676 | 0.922 | ppbv | | 98 |
| 36) Benzene | 3.658 | 78 | 7409 | 0.235 | ppbv | # | 85 |
| 38) Trichloroethene | 4.545 | 130 | 2917 | 0.227 | ppbv | # | 80 |
| 39) 1,2-Dichloropropane | 3.959 | 63 | 70527 | 6.093 | ppbv | # | 25 |
| 41) Tetrahydrofuran | 3.065 | 42 | 10347 | 0.807 | ppbv | | 98 |
| 43) Methyl Methacrylate | 4.884 | 69 | 8264 | 0.574 | ppbv | # | 1 |
| 52) Tetrachloroethene | 8.228 | 164 | 160076 | 14.537 | ppbv | | 92 |
| 53) Toluene | 6.936 | 91 | 7410 | 0.197 | ppbv | # | 26 |
| 59) m/p-Xylene | 9.539 | 91 | 2516 | 0.062 | ppbv | # | 33 |
| 60) o-Xylene | 9.966 | 91 | 1491 | 0.036 | ppbv | # | 51 |
| 61) Styrene | 9.875 | 104 | 895 | 0.046 | ppbv | # | 77 |
| 69) p-Isopropyltoluene | 11.927 | 119 | 2841 | 0.046 | ppbv | | 94 |
| 74) 1,2,4-Trimethylbenzene | 11.539 | 105 | 2288 | 0.051 | ppbv | # | 63 |
| 75) 1,3-Dichlorobenzene | 11.675 | 146 | 6491 | 0.270 | ppbv | | 91 |
| 76) 1,4-Dichlorobenzene | 11.675 | 146 | 6491 | 0.277 | ppbv | | 92 |
| 77) 1,2-Dichlorobenzene | 11.675 | 146 | 6491 | 0.282 | ppbv | | 93 |
| 79) Naphthalene | 13.517 | 128 | 2094 | 0.048 | ppbv | # | 79 |

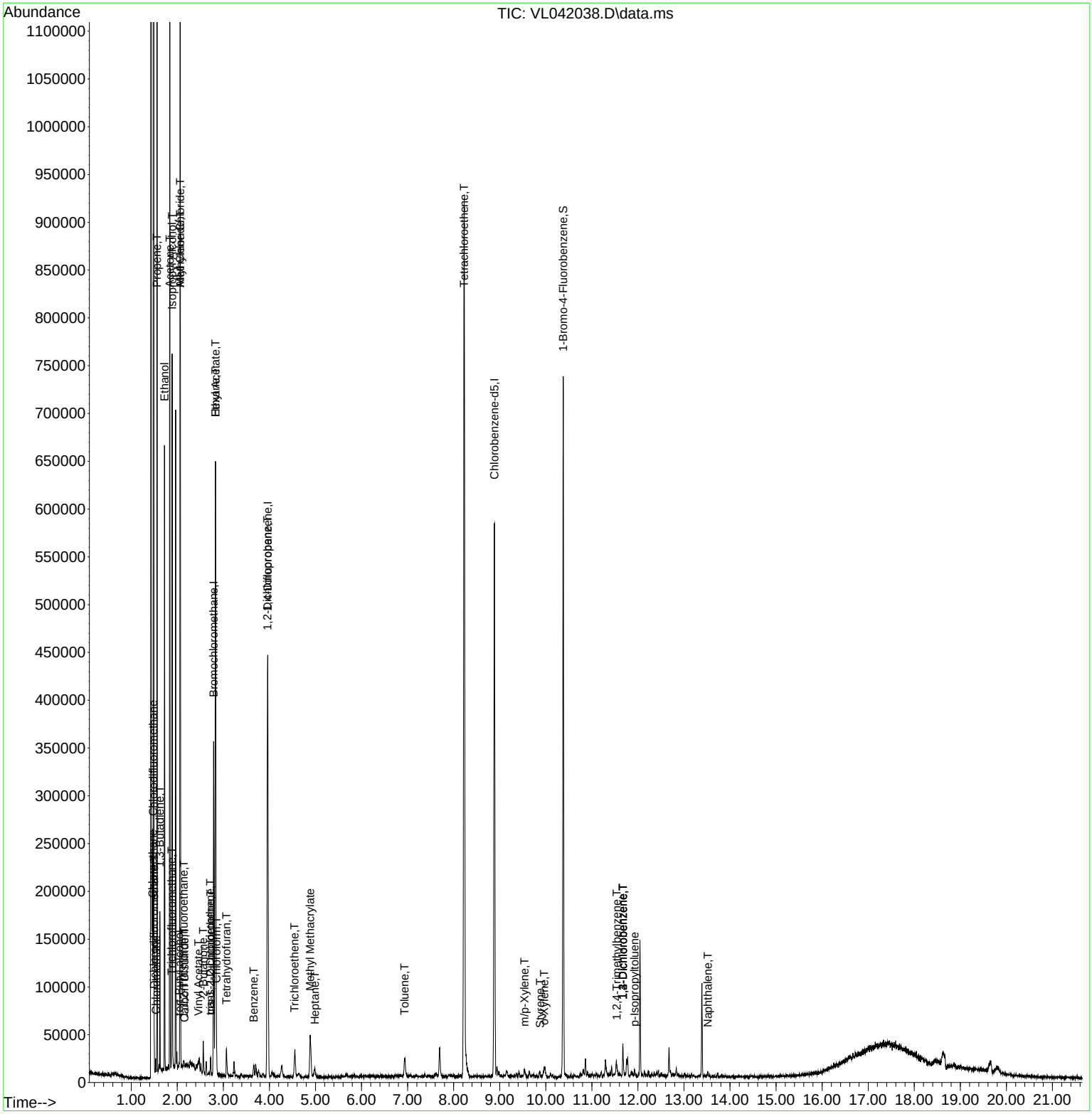
(#) = qualifier out of range (m) = manual integration (+) = signals summed

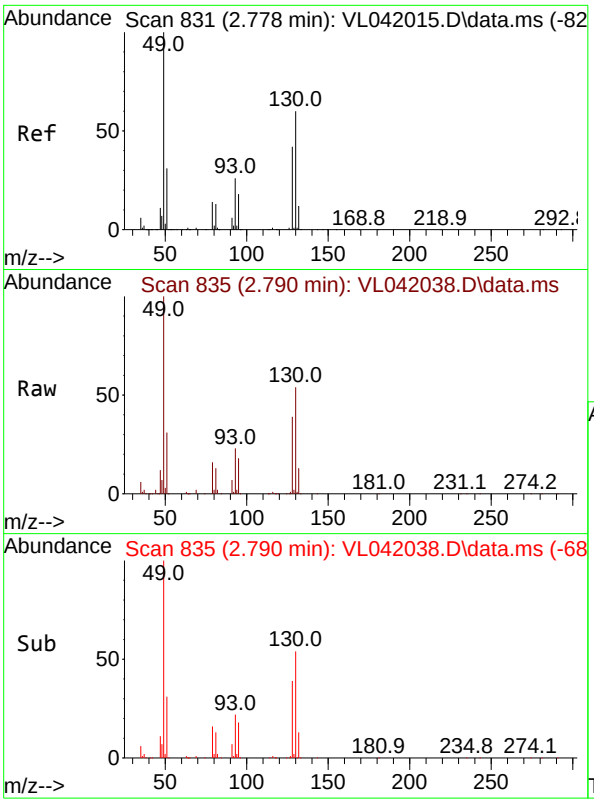
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
Data File : VL042038.D
Acq On : 21 Feb 2025 13:20
Operator : SY/MD
Sample : Q1386-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Quant Time: Feb 21 21:52:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Feb 18 00:13:37 2025
Response via : Initial Calibration



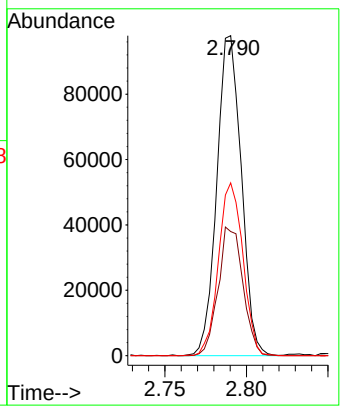


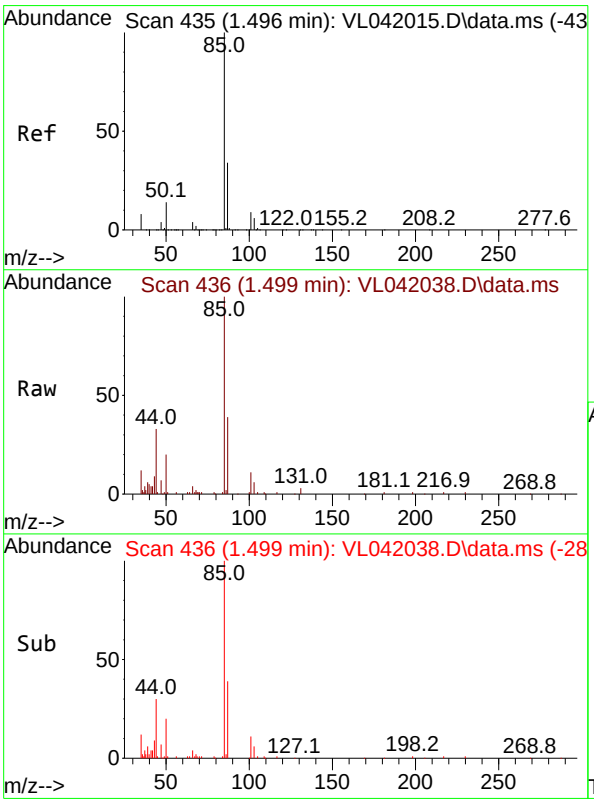

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. -0.010 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 49 Resp: 102359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 40.6 | 22.7 | 68.0 |
| 130 | 53.8 | 29.9 | 89.8 |

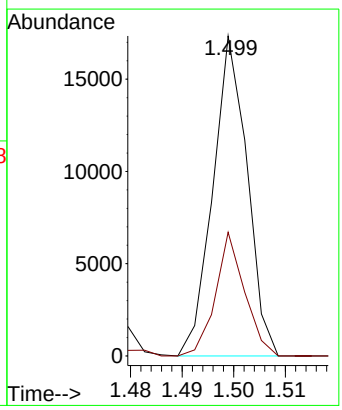


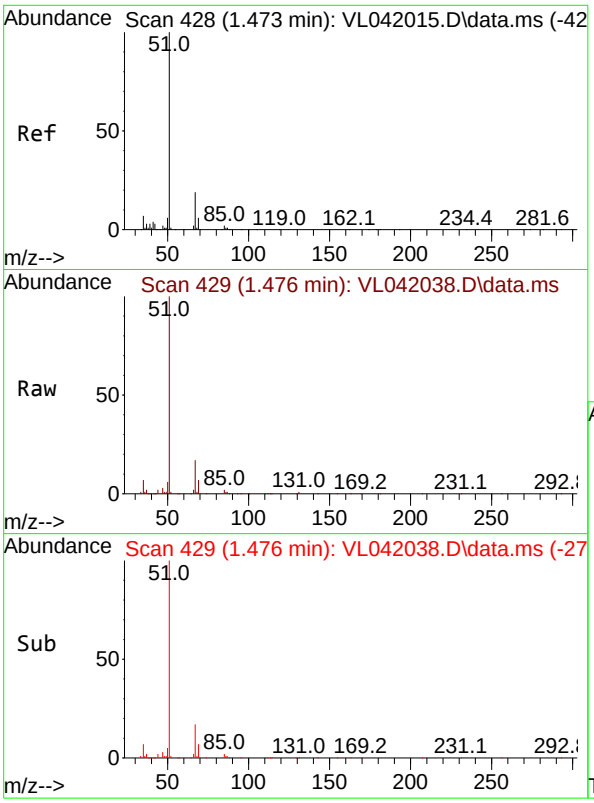




#2
Dichlorodifluoromethane
Concen: 0.455 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 85 Resp: 8017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 38.6 | 26.9 | 40.3 |



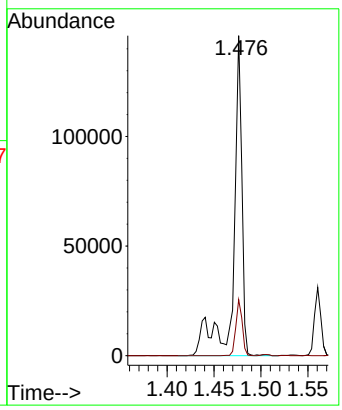


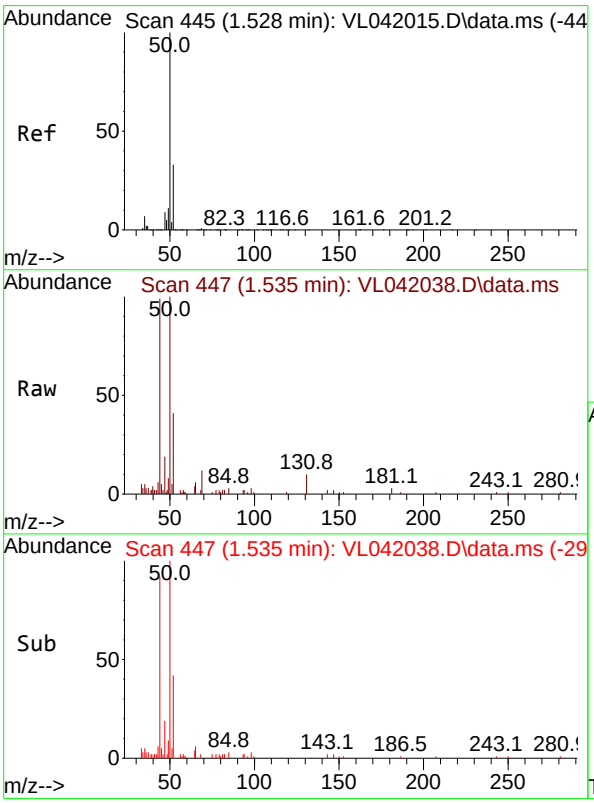

#3
Chlorodifluoromethane
Concen: 4.675 ppbv
RT: 1.476 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 51 Resp: 91064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 13.1 | 15.0 | 22.6# |

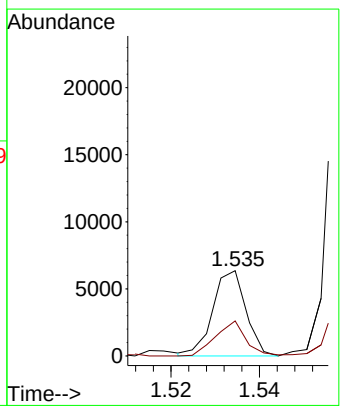


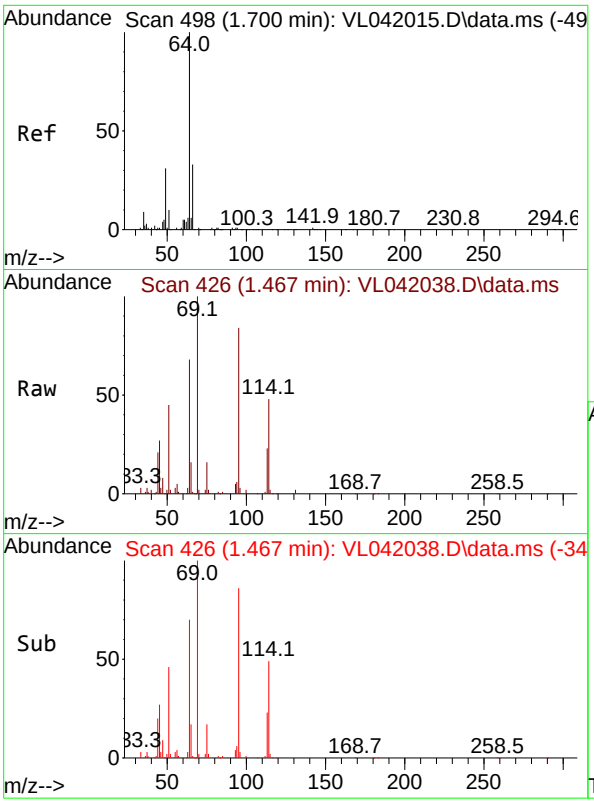




#4
Chloromethane
Concen: 0.485 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 50 Resp: 3318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 41.1 | 26.2 | 39.2# |



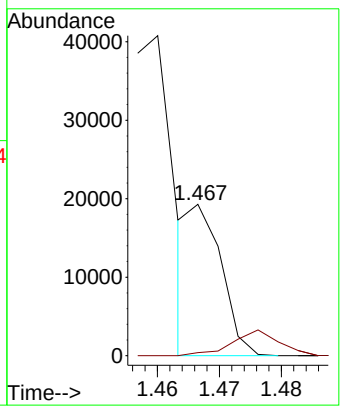


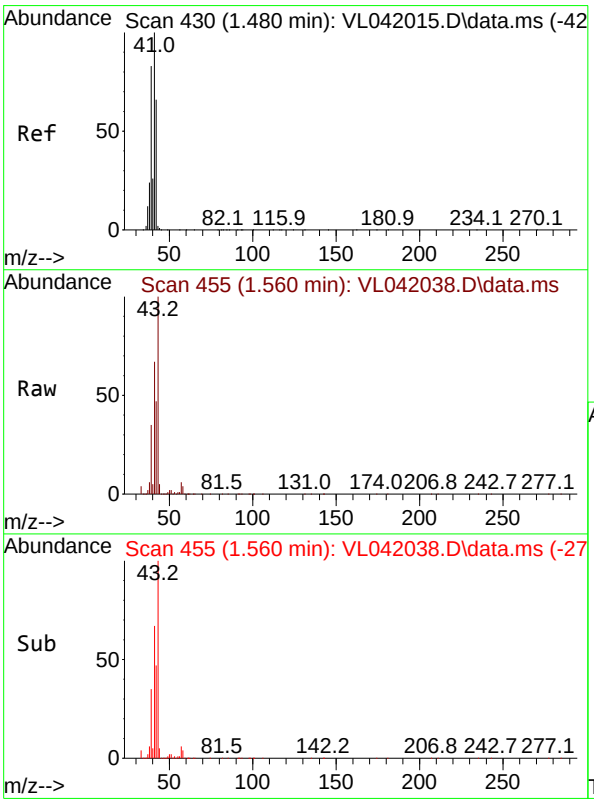

#7
Chloroethane
Concen: 2.610 ppbv
RT: 1.467 min Scan# 4
Delta R.T. -0.242 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 64 Resp: 6966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 2.0 | 26.5 | 39.7# |

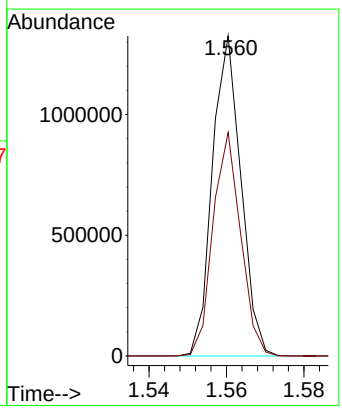


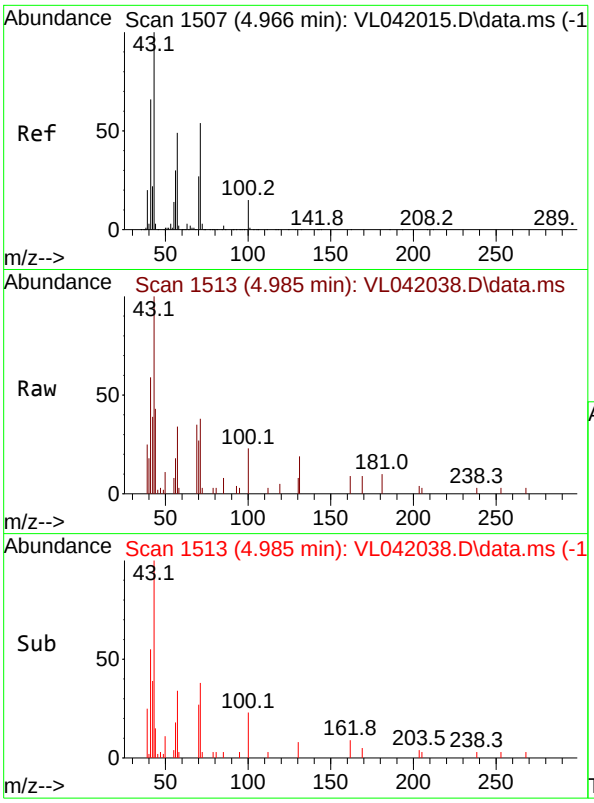




#9
Propene
Concen: 80.802 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.071 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 41 Resp: 678597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 67.8 | 53.5 | 80.3 |



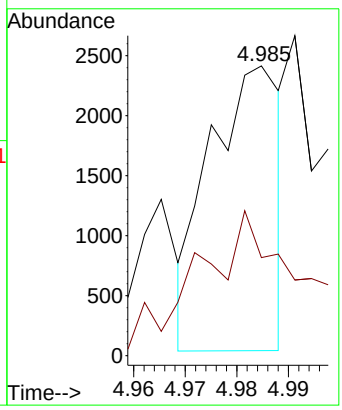


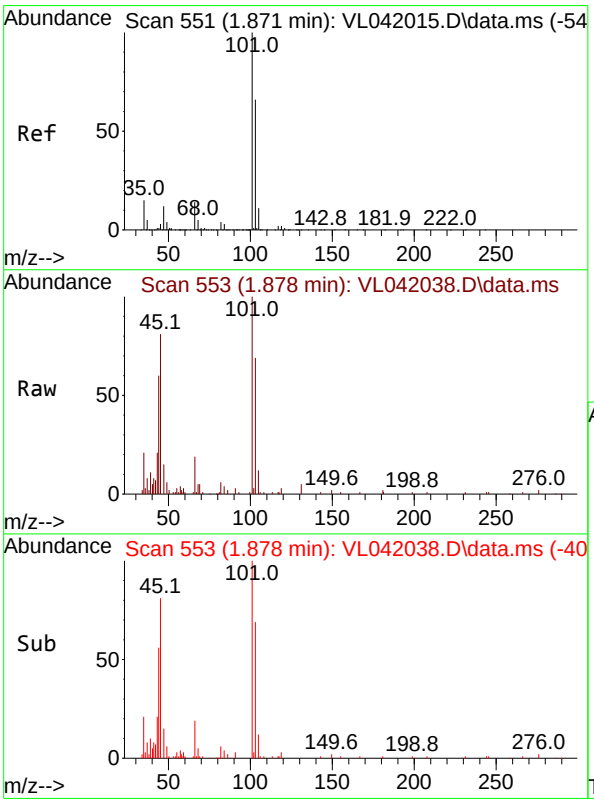

#10
Heptane
Concen: 0.097 ppbv
RT: 4.985 min Scan# 1
Delta R.T. -0.019 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 43 Resp: 2253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 95.5 | 41.0 | 61.6# |

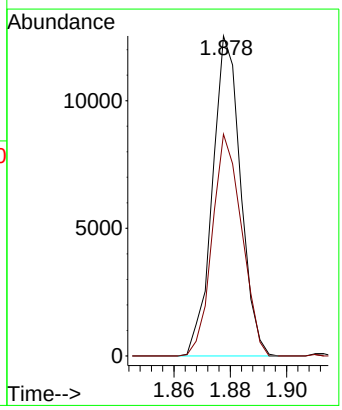


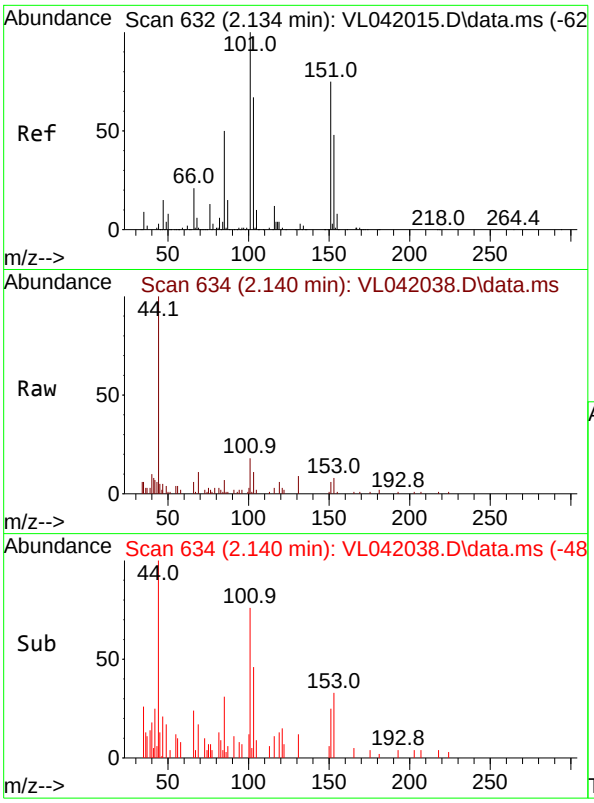




#11
Trichlorofluoromethane
Concen: 0.490 ppbv
RT: 1.878 min Scan# 553
Delta R.T. -0.006 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion:101 Resp: 8686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 69.3 | 52.9 | 79.3 |



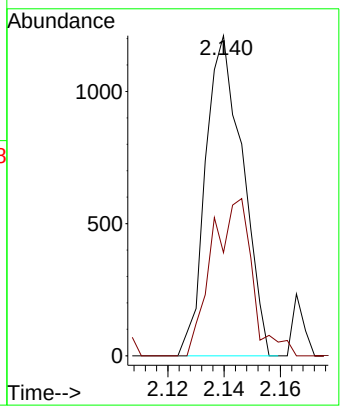


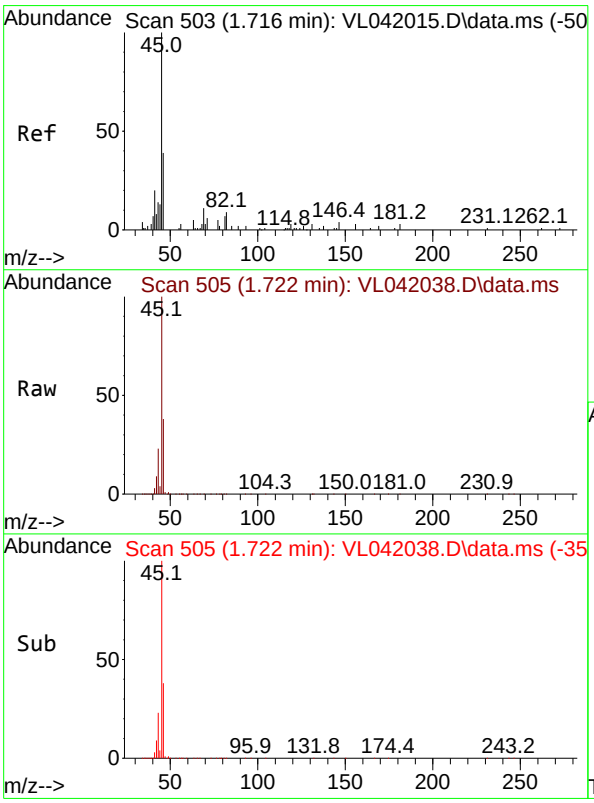

#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.080 ppbv
RT: 2.140 min Scan# 6
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion:101 Resp: 1104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 53.6 | 58.2 | 87.2# |

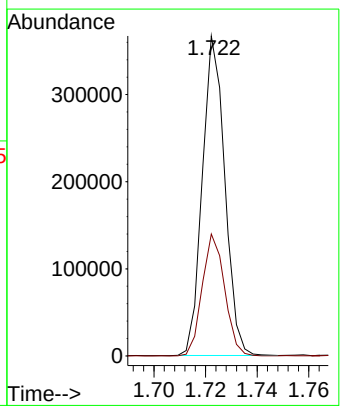


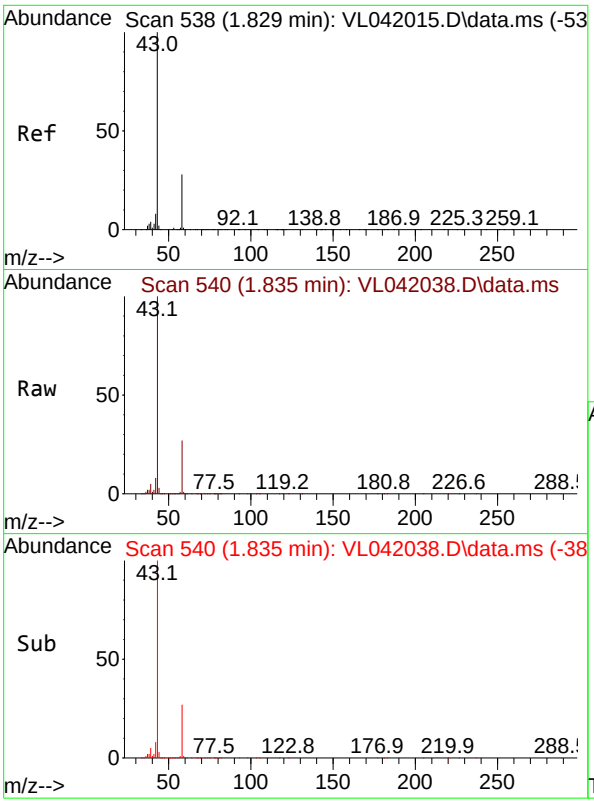




#13
Ethanol
Concen: 233.728 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.006 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 45 Resp: 221398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 38.4 | 21.3 | 85.1 |



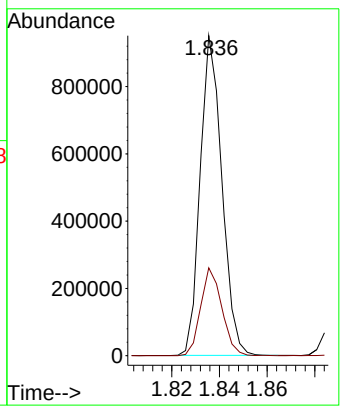


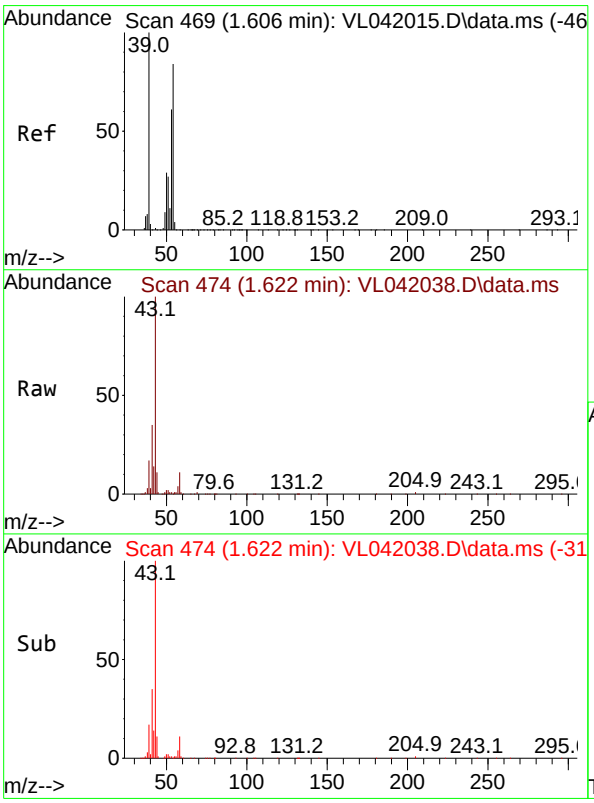

#15
Acetone
Concen: 35.653 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 43 Resp: 602373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.8 | 22.9 | 34.3 |

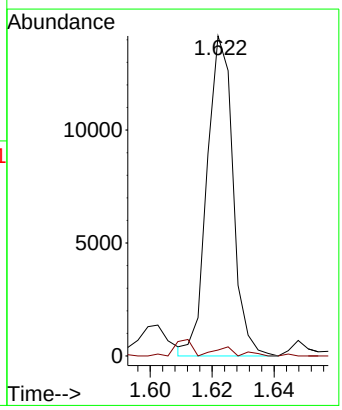


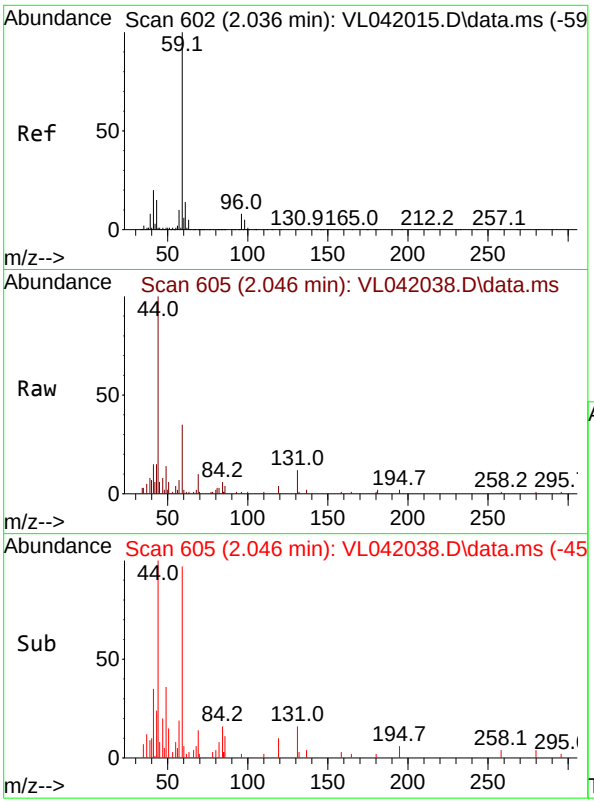




#16
1,3-Butadiene
Concen: 1.026 ppbv
RT: 1.622 min Scan# 474
Delta R.T. 0.007 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 39 Resp: 8227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 6.1 | 59.4 | 89.2# |



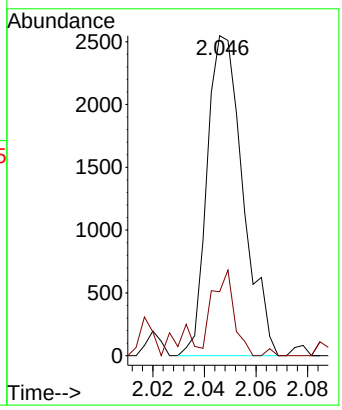


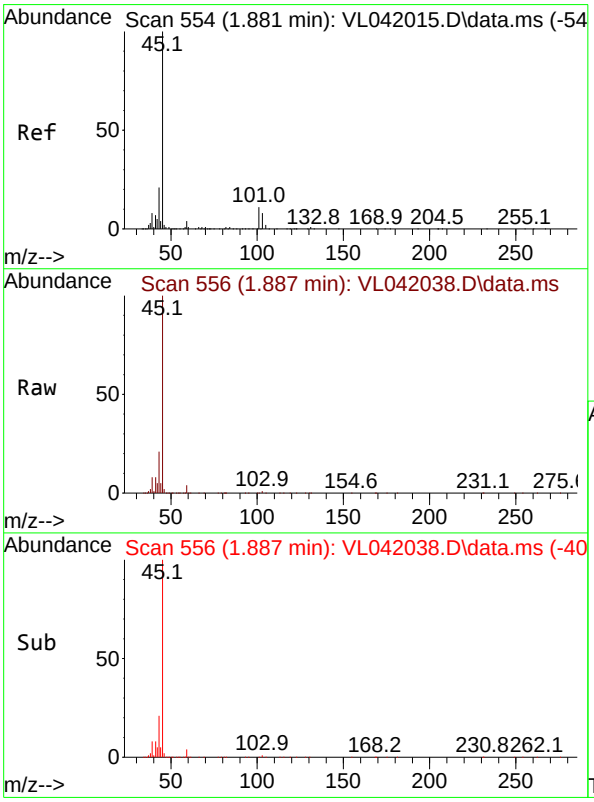

#17
tert-Butyl alcohol
Concen: 0.118 ppbv
RT: 2.046 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 59 Resp: 2469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 9.2 | 13.8# |

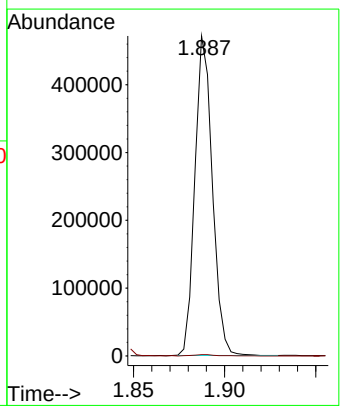


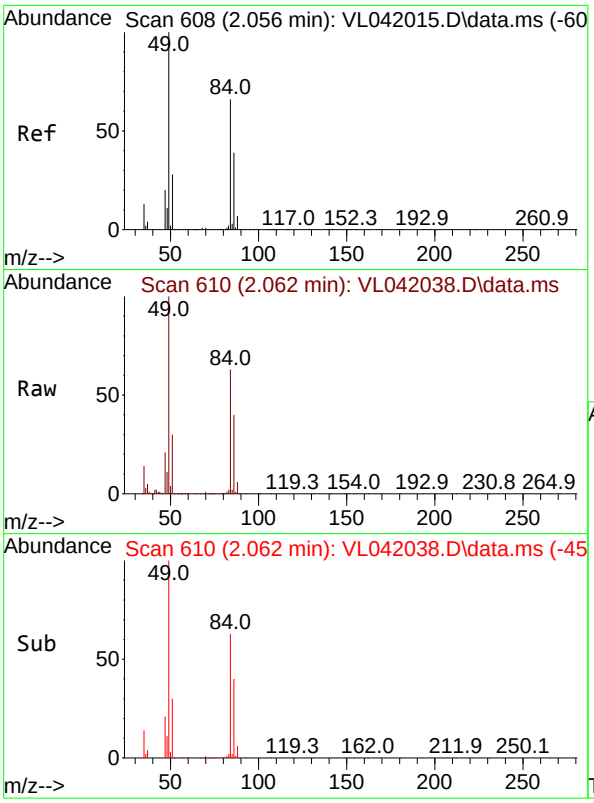




#19
Isopropyl Alcohol
Concen: 33.167 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.006 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 45 Resp: 314221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 51.5 | 36.2 | 54.4 |



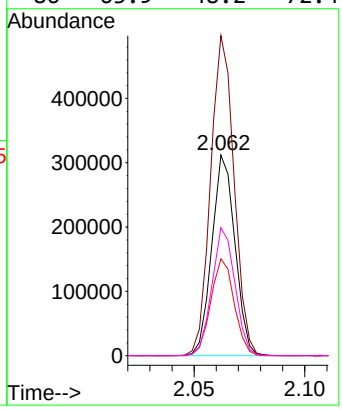


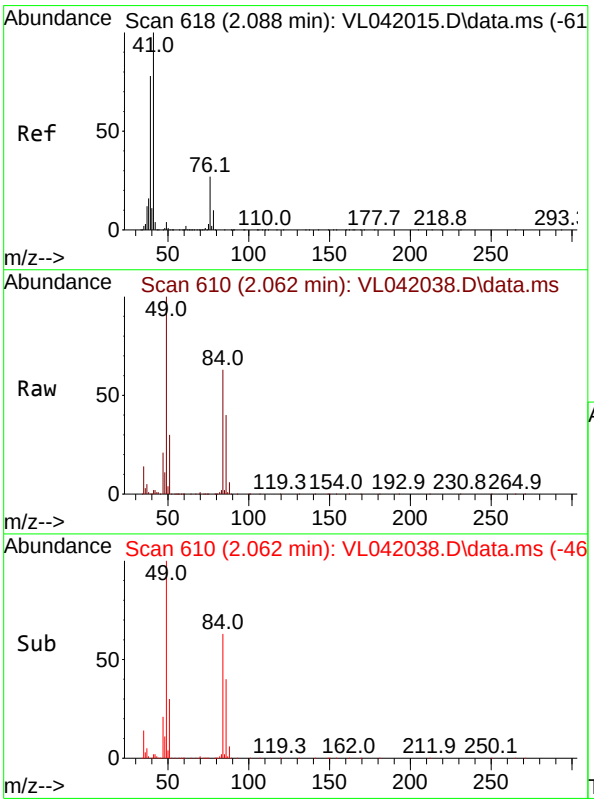

#20
Methylene Chloride
Concen: 35.667 ppbv
RT: 2.062 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 84 Resp: 226843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 159.6 | 121.0 | 181.4 |
| 51 | 48.3 | 35.1 | 52.7 |
| 86 | 63.9 | 48.2 | 72.4 |

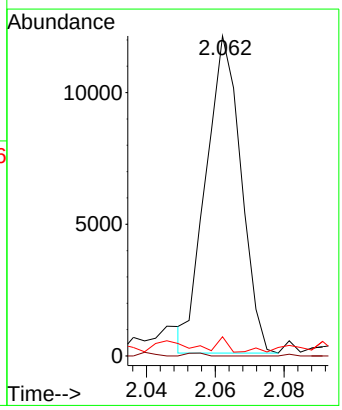


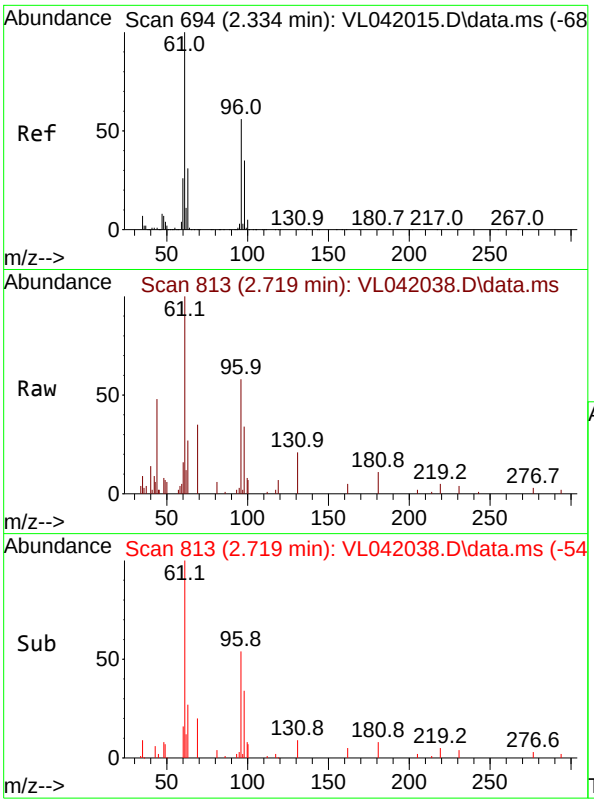




#21
Allyl Chloride
Concen: 0.698 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.042 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 41 Resp: 8539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 0.9 | 23.7 | 35.5# |
| 39 | 0.0 | 63.0 | 94.6# |



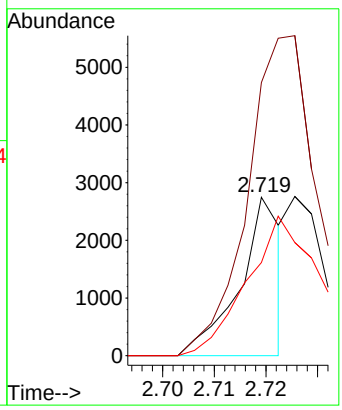


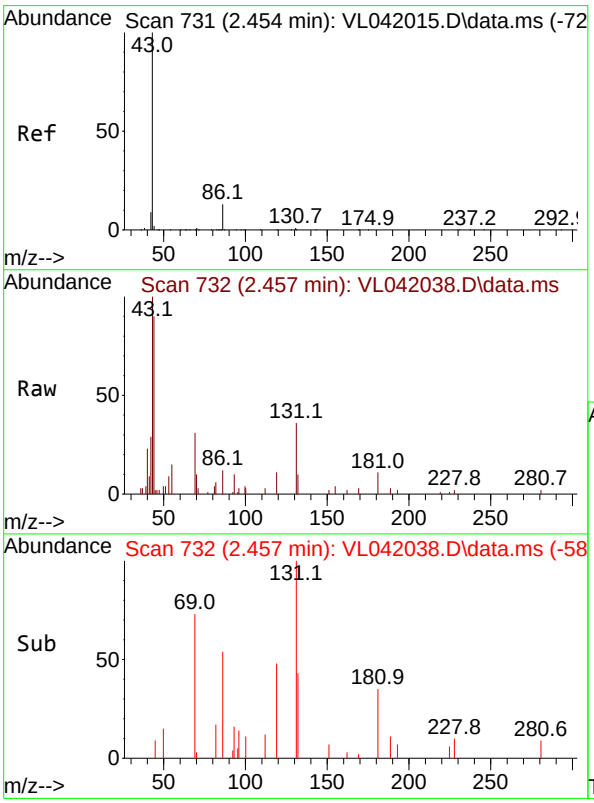

#22
trans-1,2-Dichloroethene
Concen: 0.213 ppbv
RT: 2.719 min Scan# 81
Delta R.T. 0.369 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 96 Resp: 1531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 172.4 | 142.3 | 213.5 |
| 98 | 58.8 | 50.2 | 75.2 |

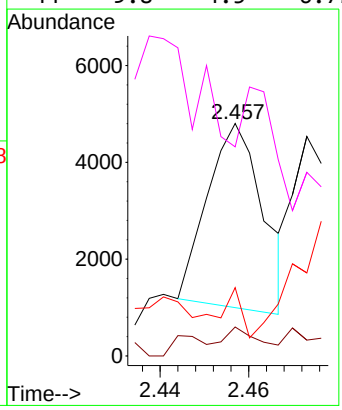


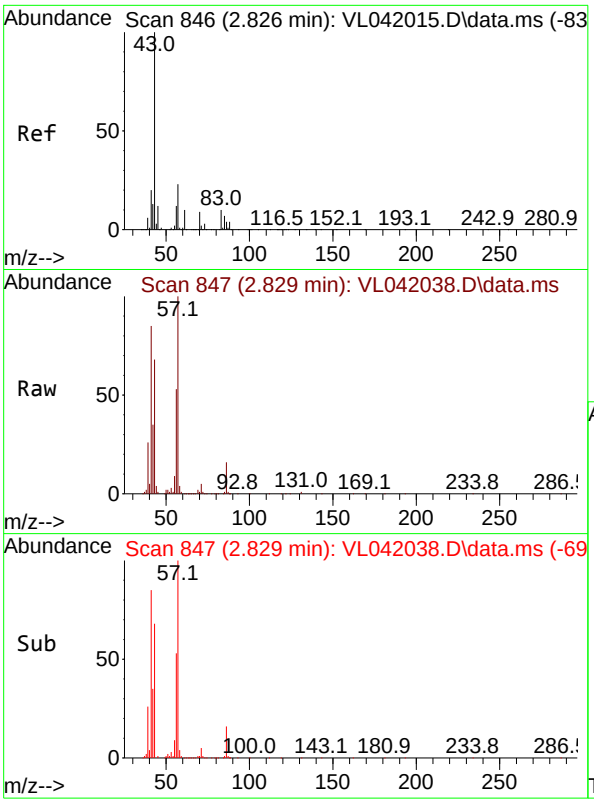




#23
Vinyl Acetate
Concen: 0.358 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.016 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 43 Resp: 3279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.3 | 8.1 | 12.1 |
| 42 | 9.4 | 7.5 | 11.3 |
| 44 | 9.8 | 4.5 | 6.7# |



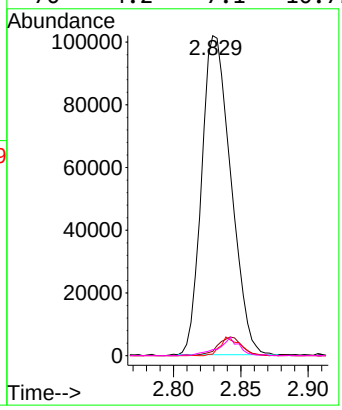


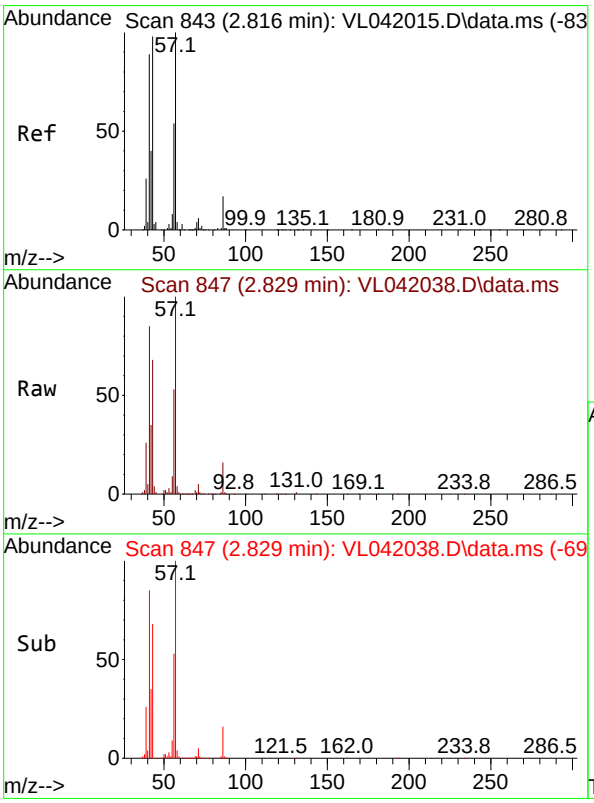

#25
Ethyl Acetate
Concen: 3.308 ppbv
RT: 2.829 min Scan# 84
Delta R.T. -0.019 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 43 Resp: 153409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 5.0 | 8.1 | 12.1# |
| 61 | 4.1 | 7.5 | 11.3# |
| 70 | 4.2 | 7.1 | 10.7# |

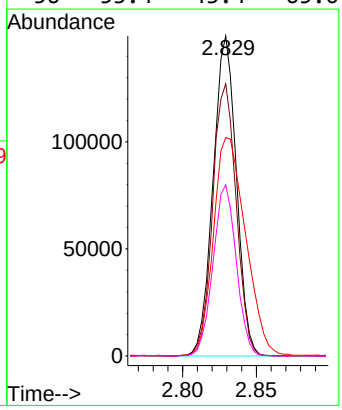


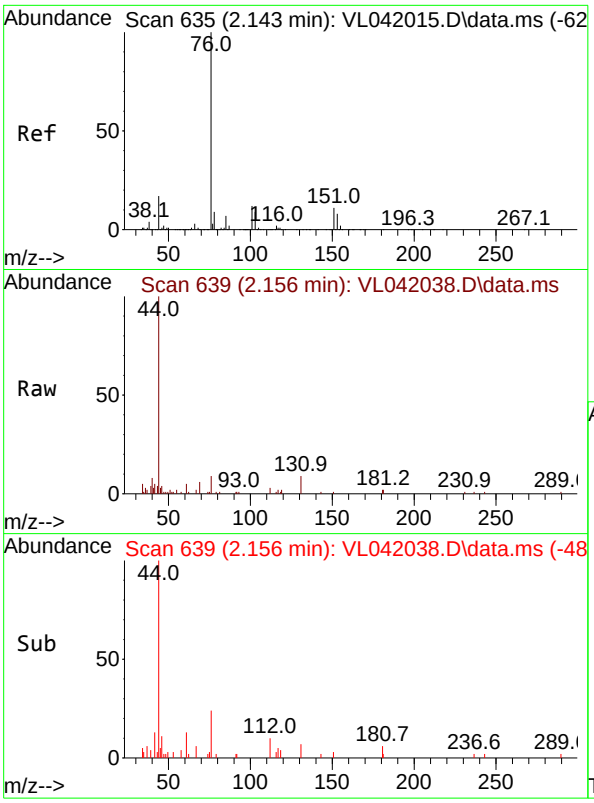




#26
Hexane
Concen: 8.822 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 57 Resp: 164162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 86.4 | 73.2 | 109.8 |
| 43 | 94.9 | 200.8 | 301.2# |
| 56 | 53.4 | 43.4 | 65.0 |



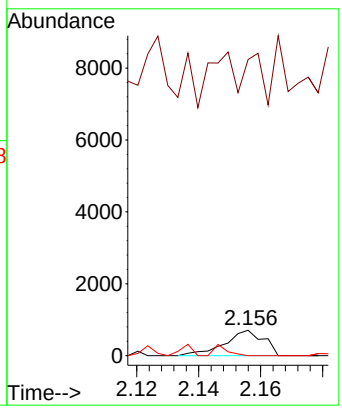


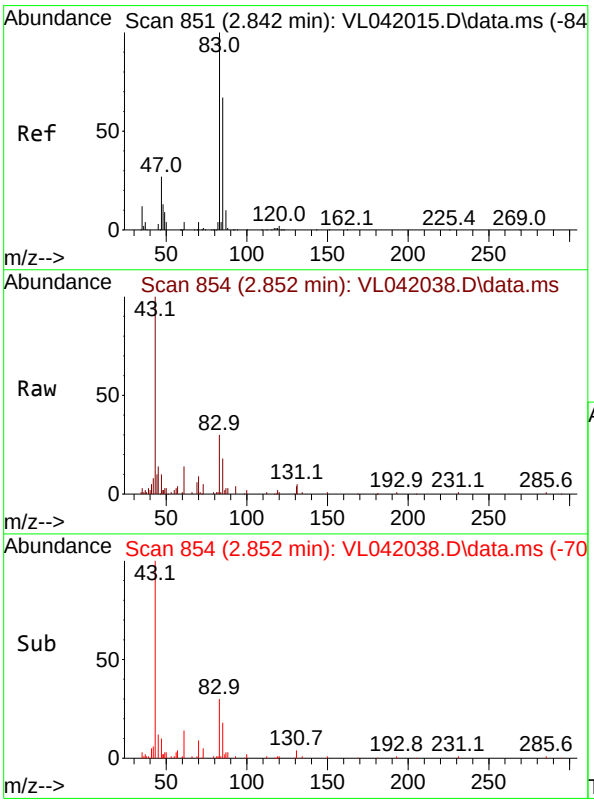

#27
Carbon Disulfide
Concen: 0.035 ppbv
RT: 2.156 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 76 Resp: 616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 2164.4 | 18.1 | 27.1# |
| 78 | 14.8 | 9.5 | 14.3# |

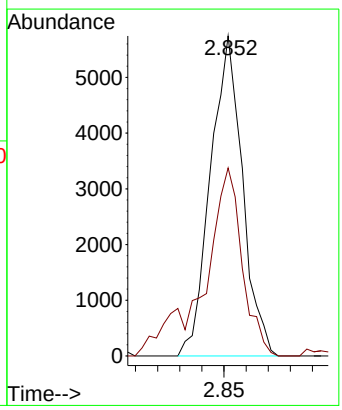


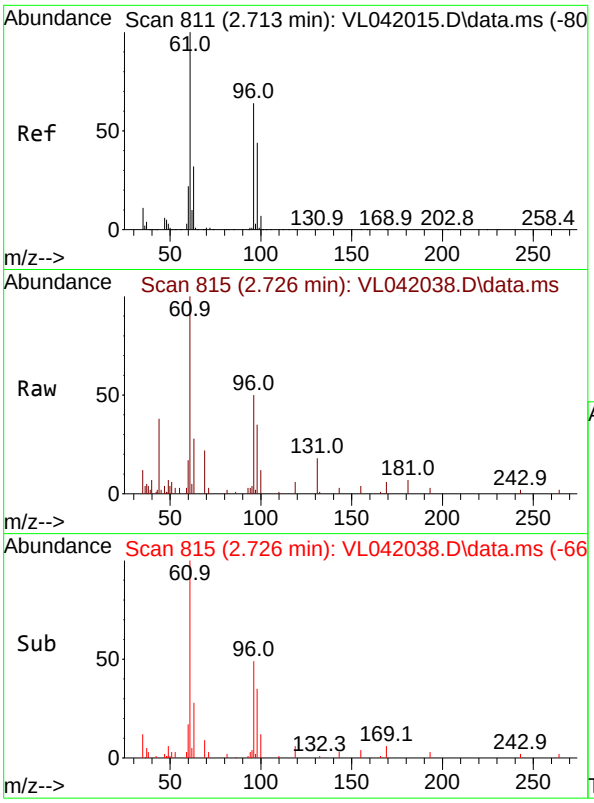




#29
Chloroform
Concen: 0.214 ppbv
RT: 2.852 min Scan# 854
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 83 Resp: 5776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.7 | 53.8 | 80.6 |



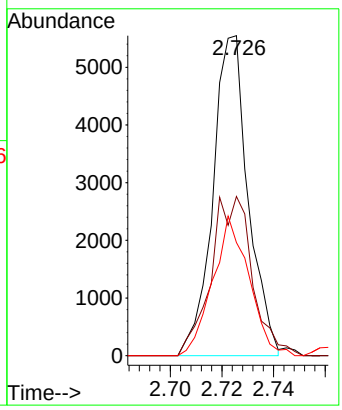


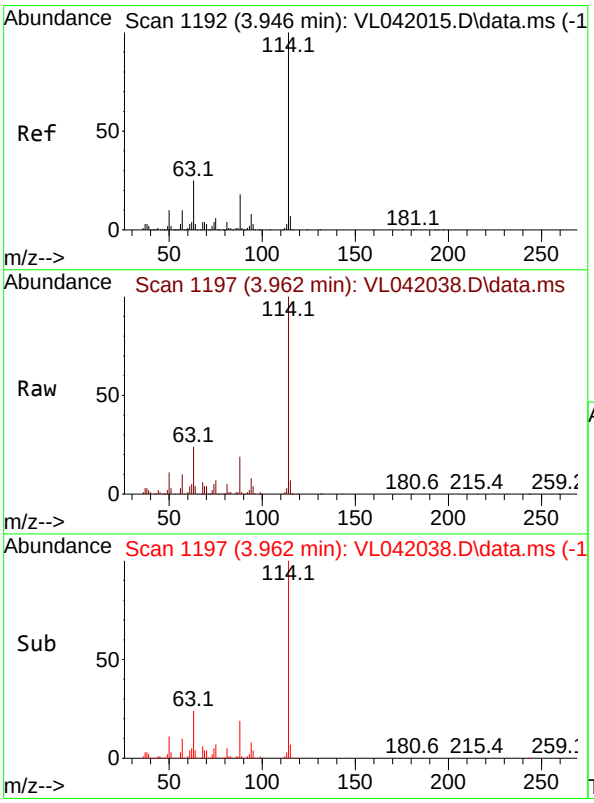

#31
cis-1,2-Dichloroethene
Concen: 0.287 ppbv
RT: 2.726 min Scan# 8
Delta R.T. -0.006 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 61 Resp: 5277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 49.8 | 51.6 | 77.4# |
| 98 | 35.4 | 34.8 | 52.2 |

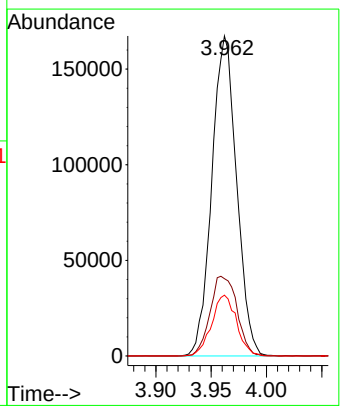


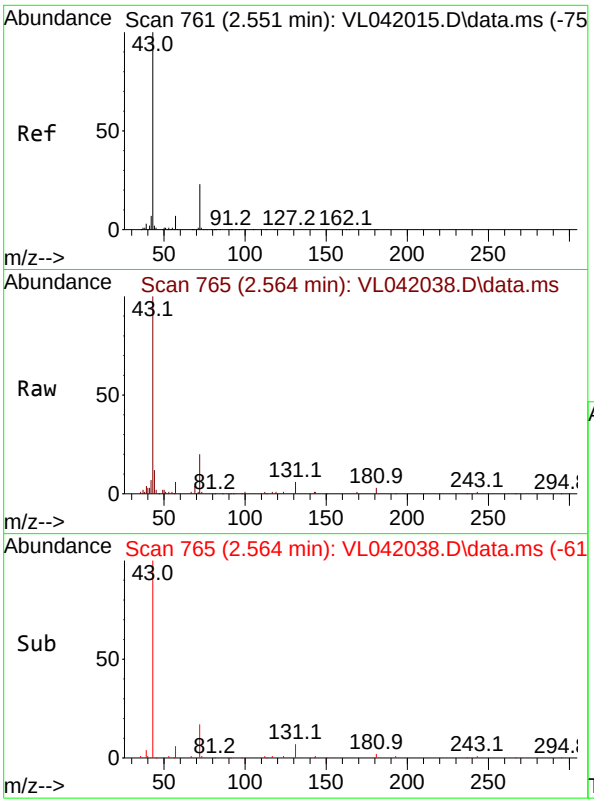




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.016 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion:114 Resp: 260637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 27.1 | 20.2 | 30.2 |
| 88 | 19.1 | 14.4 | 21.6 |



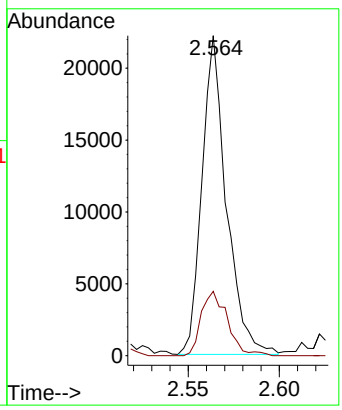


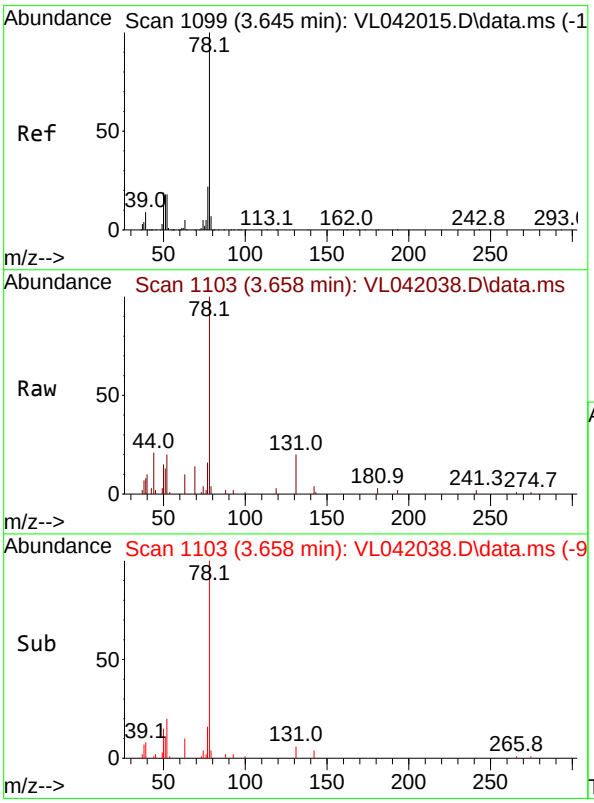

#34
2-Butanone
Concen: 0.922 ppbv
RT: 2.564 min Scan# 7
Delta R.T. -0.006 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 43 Resp: 20676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.8 | 18.3 | 27.5 |

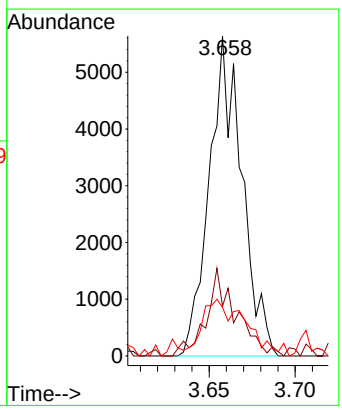


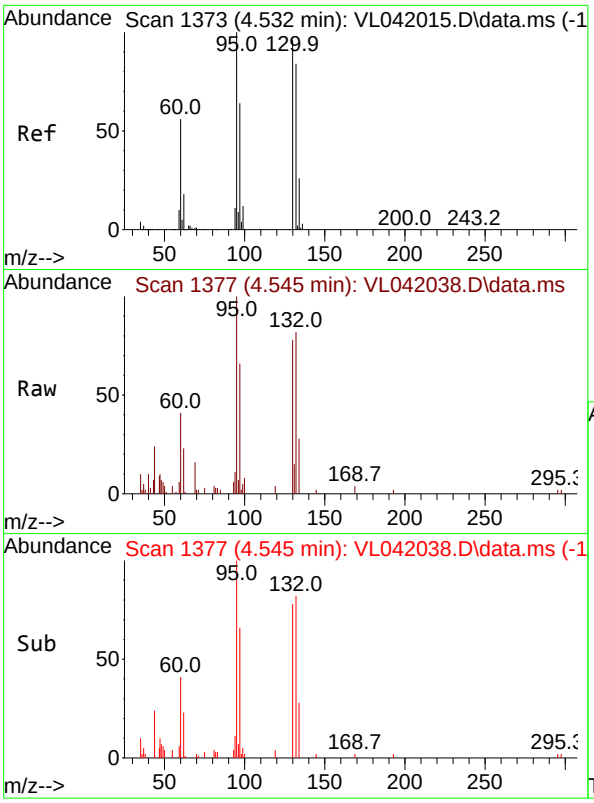




#36
Benzene
Concen: 0.235 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.016 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 78 Resp: 7409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 14.2 | 18.0 | 27.0# |
| 50 | 13.9 | 15.2 | 22.8# |



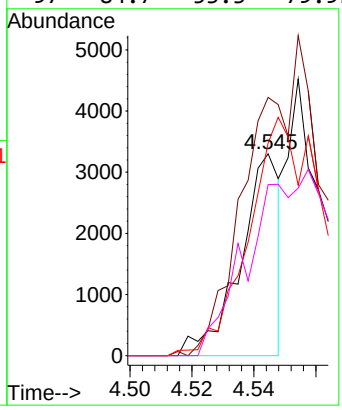


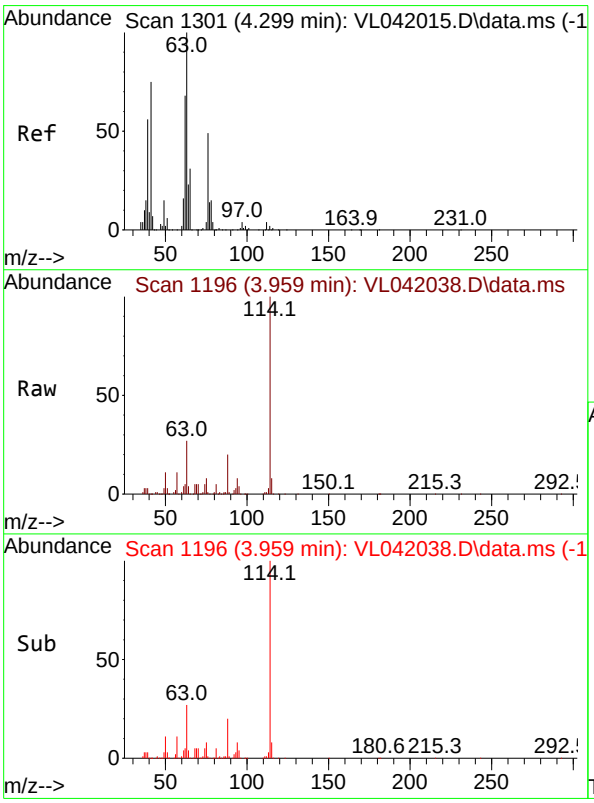

#38
Trichloroethene
Concen: 0.227 ppbv
RT: 4.545 min Scan# 1
Delta R.T. -0.022 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion:130 Resp: 2917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 125.8 | 82.8 | 124.2# |
| 132 | 102.8 | 70.0 | 105.0 |
| 97 | 84.7 | 53.3 | 79.9# |

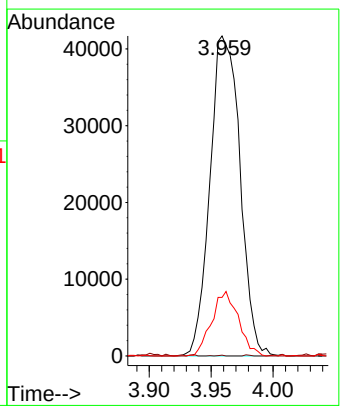


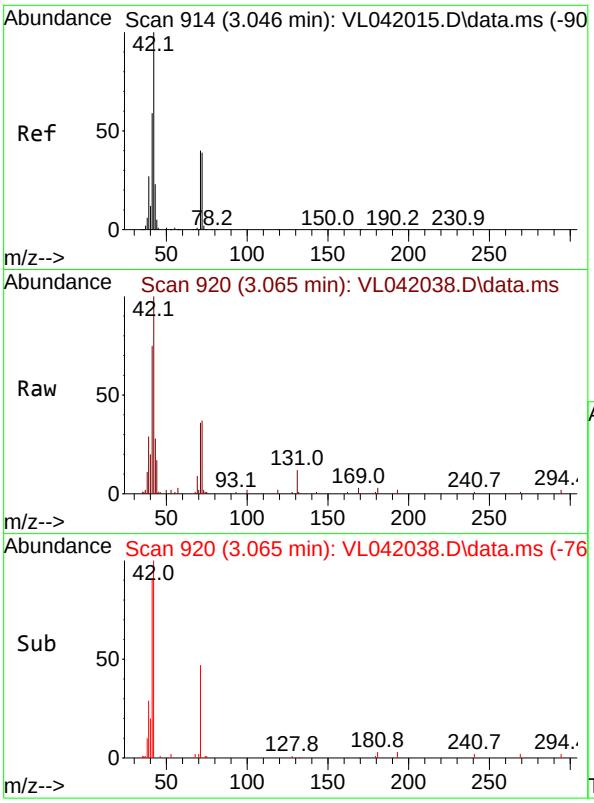




#39
1,2-Dichloropropane
Concen: 6.093 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.375 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 63 Resp: 70527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.2 | 60.1 | 90.1# |
| 62 | 18.3 | 54.0 | 81.0# |



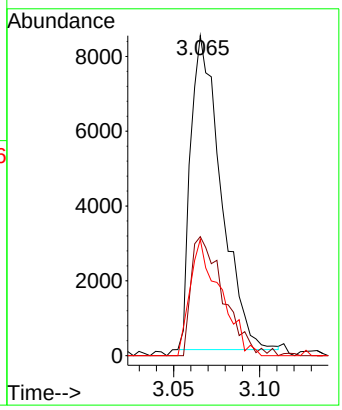


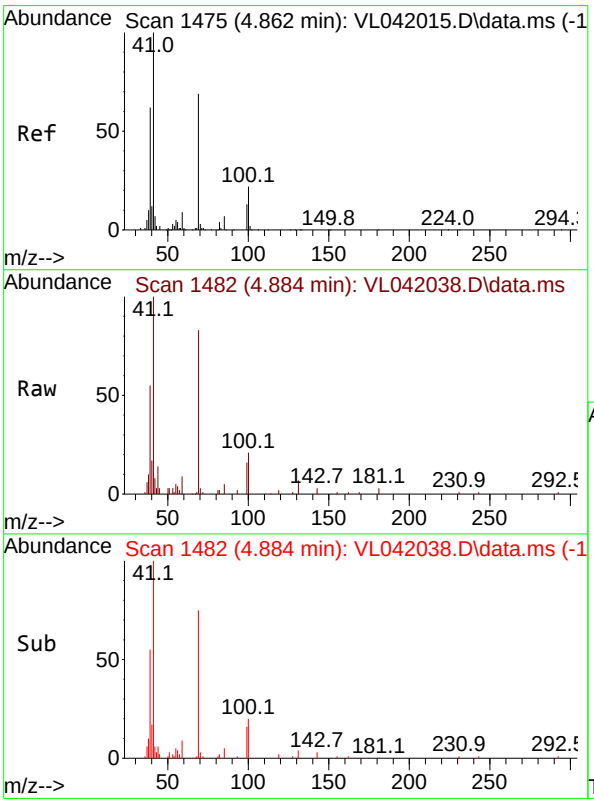

#41
Tetrahydrofuran
Concen: 0.807 ppbv
RT: 3.065 min Scan# 9
Delta R.T. -0.003 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 42 Resp: 10347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.7 | 32.3 | 48.5 |
| 71 | 36.8 | 30.9 | 46.3 |

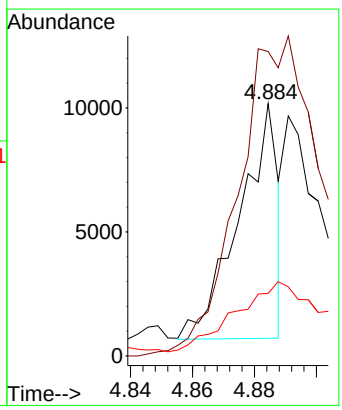


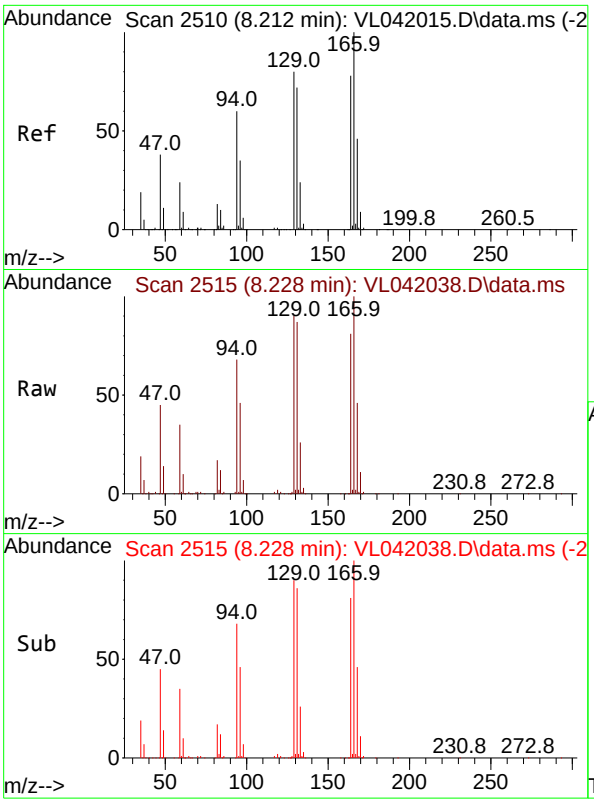




#43
Methyl Methacrylate
Concen: 0.574 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. -0.019 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 69 Resp: 8264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 0.0 | 114.9 | 172.3# |
| 100 | 84.0 | 28.8 | 43.2# |



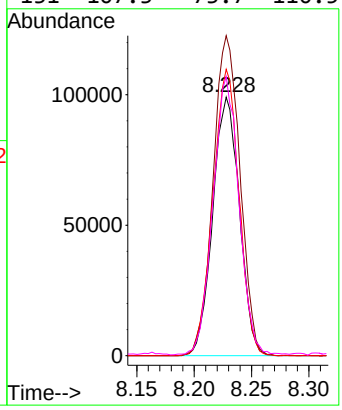


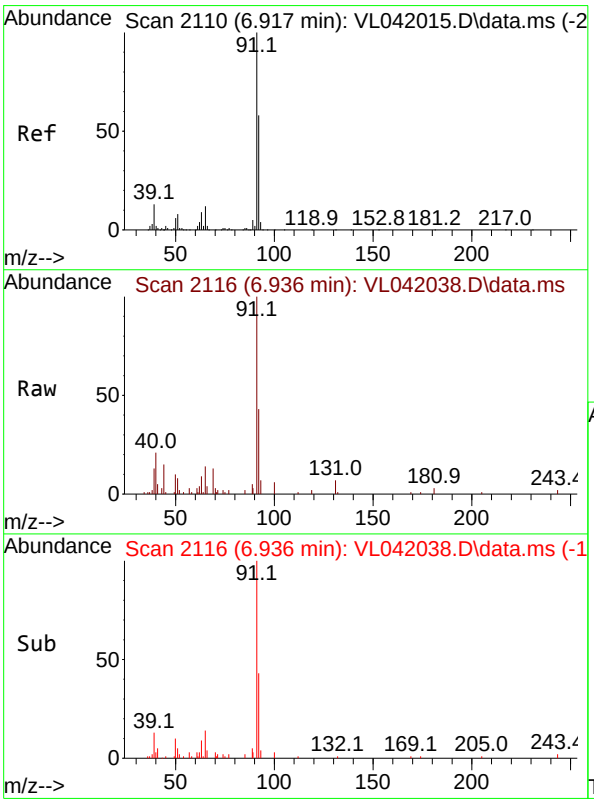

#52
Tetrachloroethene
Concen: 14.537 ppbv
RT: 8.228 min Scan# 2
Delta R.T. -0.016 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion:164 Resp: 160076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 123.7 | 102.2 | 153.2 |
| 129 | 110.8 | 82.2 | 123.4 |
| 131 | 107.3 | 73.7 | 110.5 |

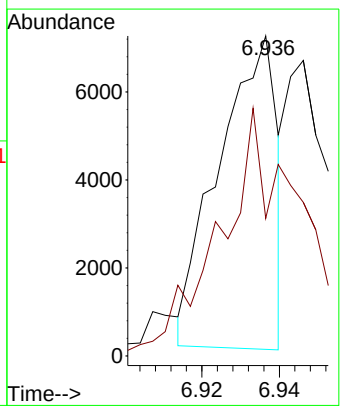


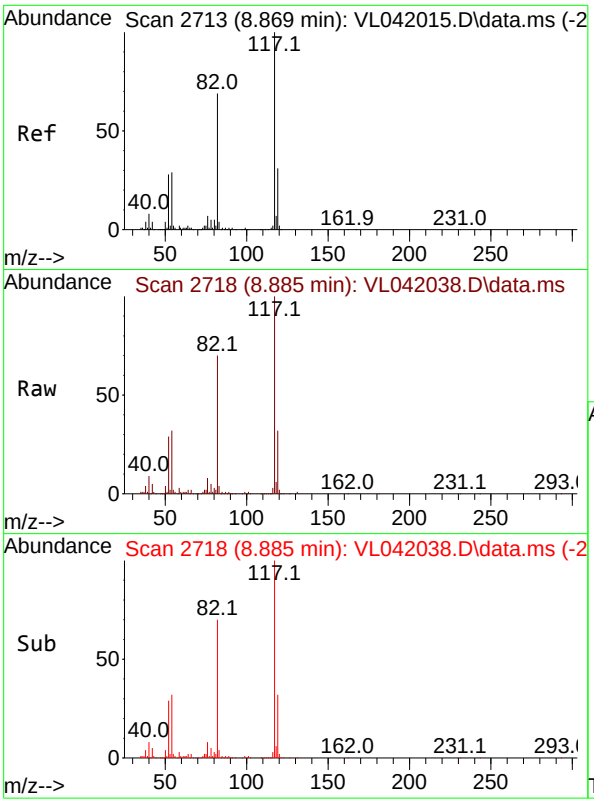




#53
Toluene
Concen: 0.197 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.019 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 91 Resp: 7410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 115.2 | 47.5 | 71.3# |



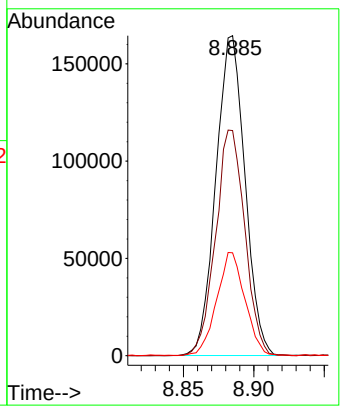


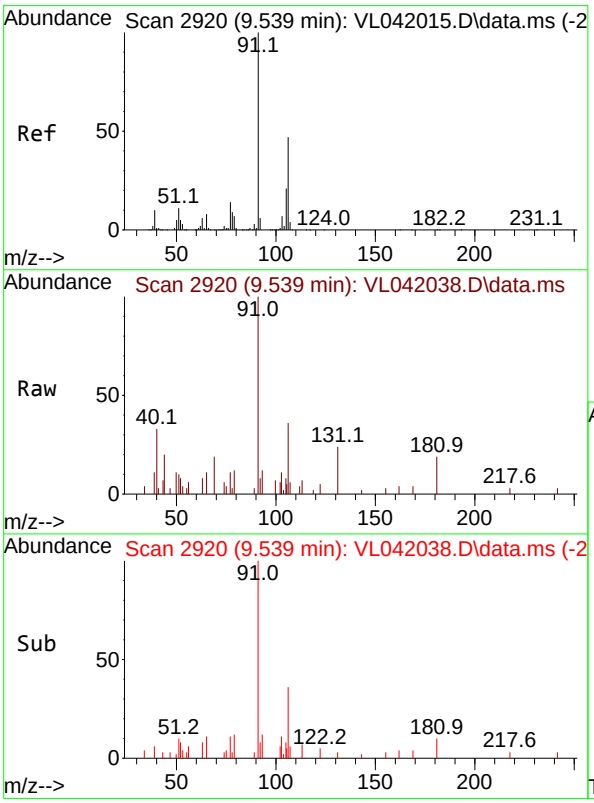

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2
Delta R.T. -0.013 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion:117 Resp: 236485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 71.0 | 55.7 | 83.5 |
| 119 | 31.7 | 25.2 | 37.8 |

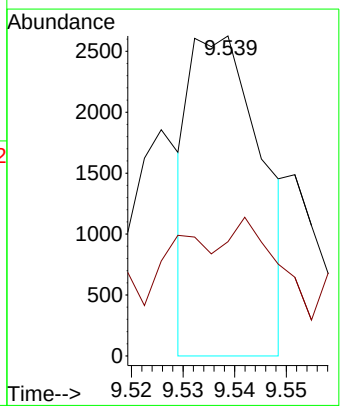


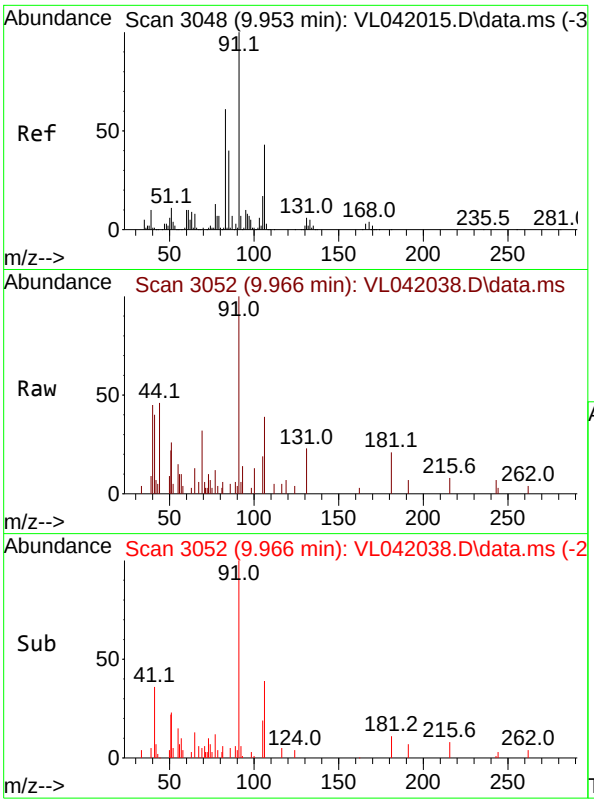




#59
m/p-Xylene
Concen: 0.062 ppbv
RT: 9.539 min Scan# 2920
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion: 91 Resp: 2516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 88.8 | 35.8 | 53.8# |



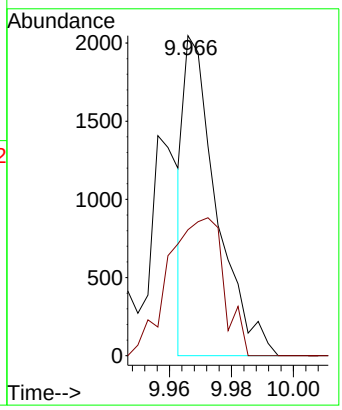


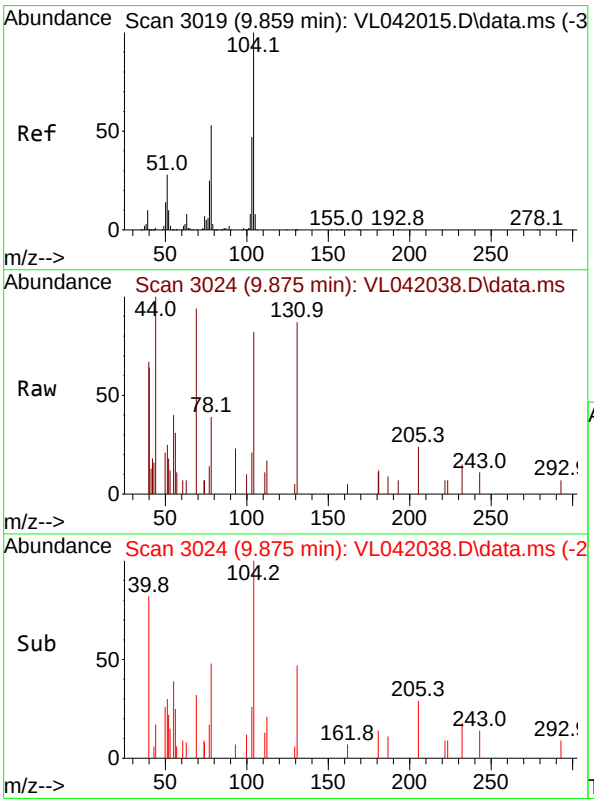

#60
o-Xylene
Concen: 0.036 ppbv
RT: 9.966 min Scan# 3
Delta R.T. -0.013 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 91 Resp: 1491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 74.0 | 21.4 | 64.3# |

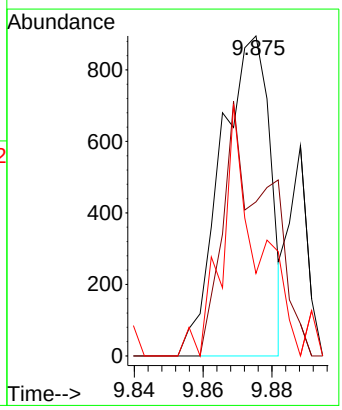


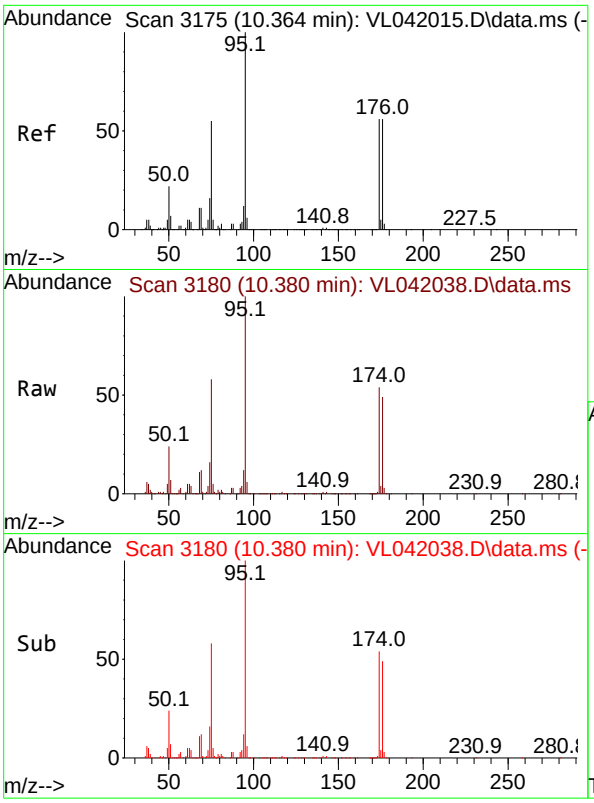




#61
Styrene
Concen: 0.046 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion:104 Resp: 895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 70.9 | 42.2 | 63.4# |
| 103 | 60.7 | 38.1 | 57.1# |



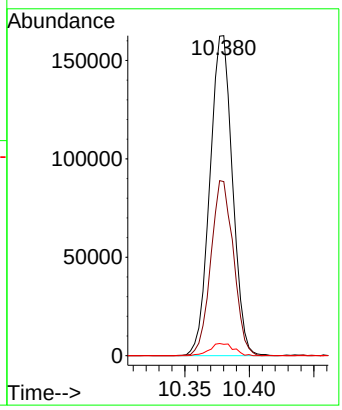


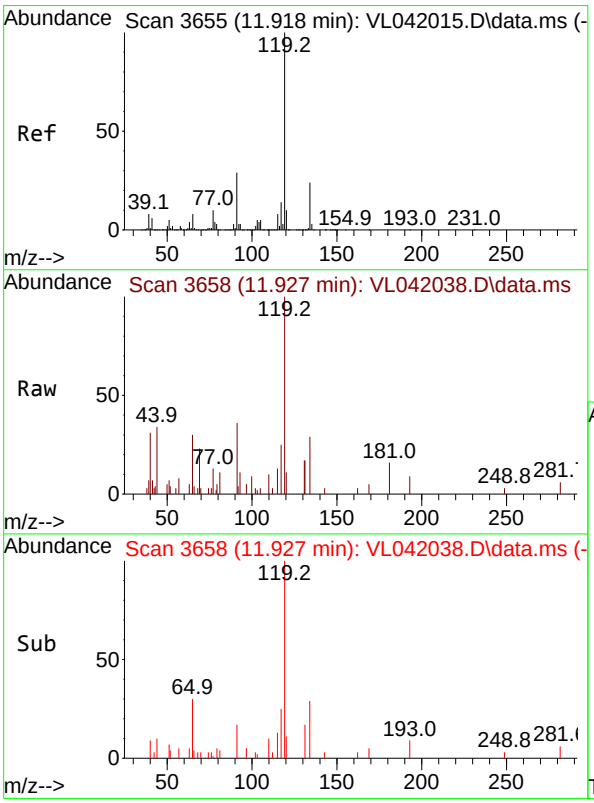

#68
1-Bromo-4-Fluorobenzene
Concen: 10.138 ppbv
RT: 10.380 min Scan# 3
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion: 95 Resp: 197760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 54.9 | 46.7 | 70.1 |
| 175 | 4.0 | 3.7 | 5.5 |

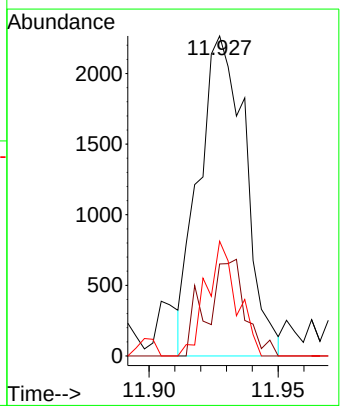


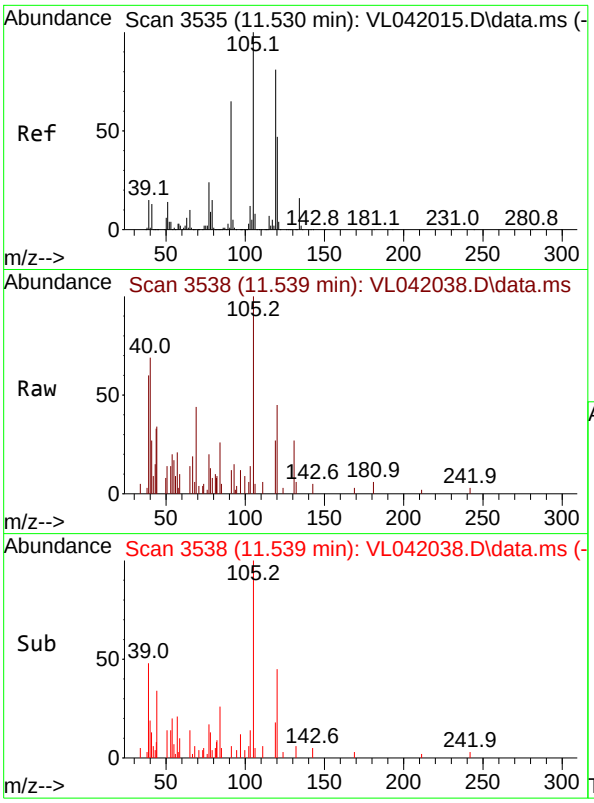




#69
p-Isopropyltoluene
Concen: 0.046 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.013 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion:119 Resp: 2841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 24.6 | 19.4 | 29.0 |
| 91 | 23.6 | 23.4 | 35.2 |



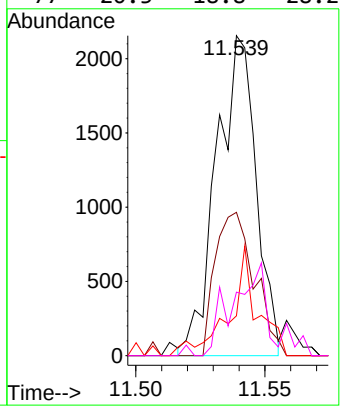


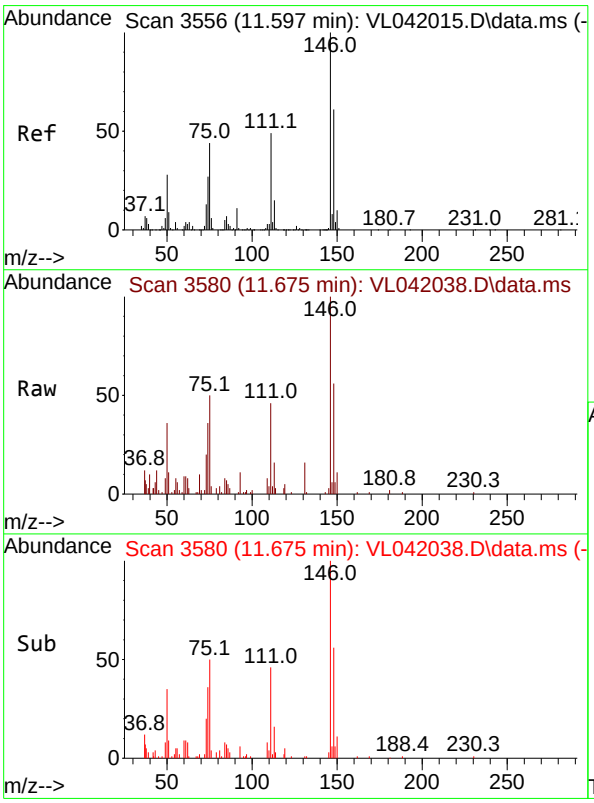

#74
1,2,4-Trimethylbenzene
Concen: 0.051 ppbv
RT: 11.539 min Scan# 3
Delta R.T. -0.013 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion:105 Resp: 2288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 41.9 | 37.5 | 56.3 |
| 91 | 10.0 | 51.7 | 77.5# |
| 77 | 20.3 | 18.8 | 28.2 |

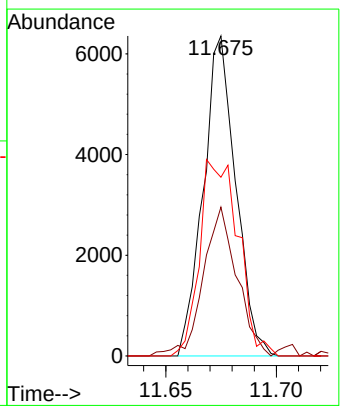


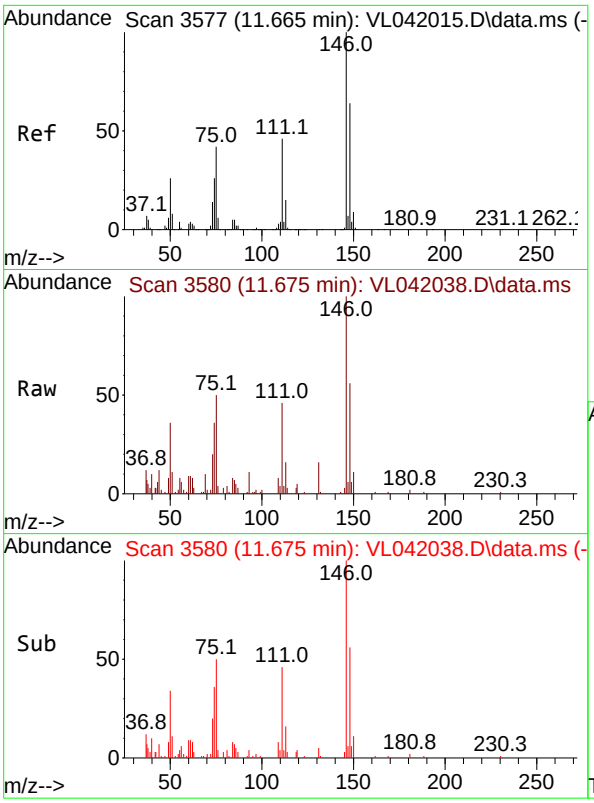




#75
1,3-Dichlorobenzene
Concen: 0.270 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.052 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion:146 Resp: 6491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.5 | 23.9 | 71.7 |
| 148 | 72.8 | 31.5 | 94.5 |



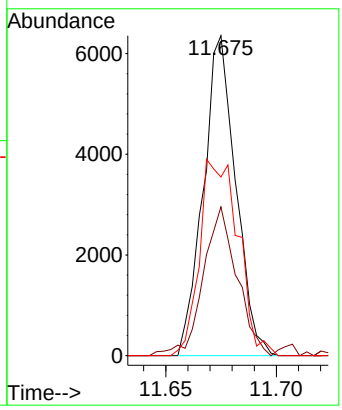


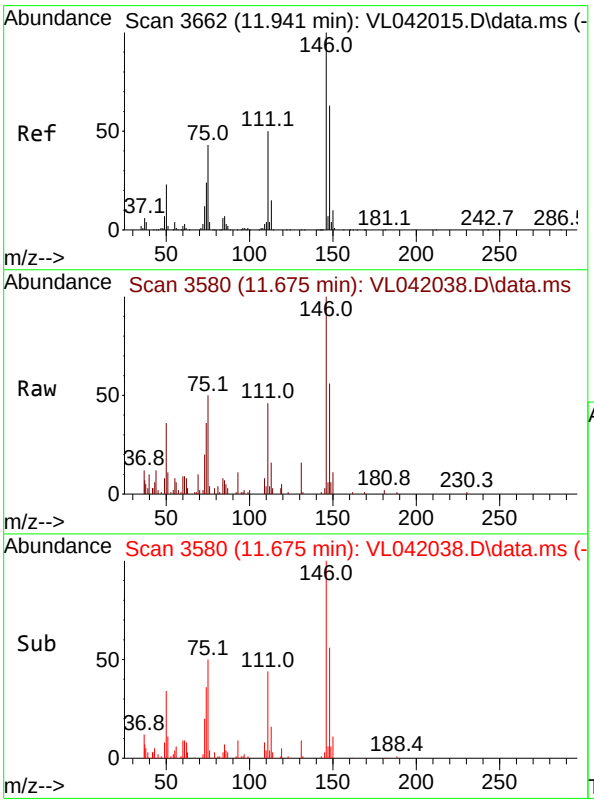

#76
1,4-Dichlorobenzene
Concen: 0.277 ppbv
RT: 11.675 min Scan# 3
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion:146 Resp: 6491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.5 | 23.5 | 70.5 |
| 148 | 72.9 | 32.3 | 96.9 |

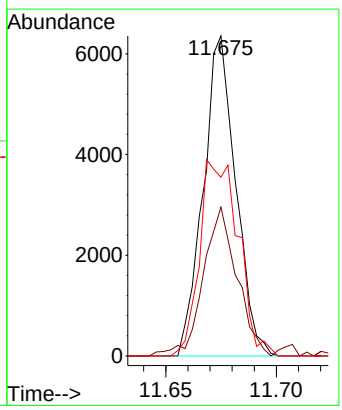


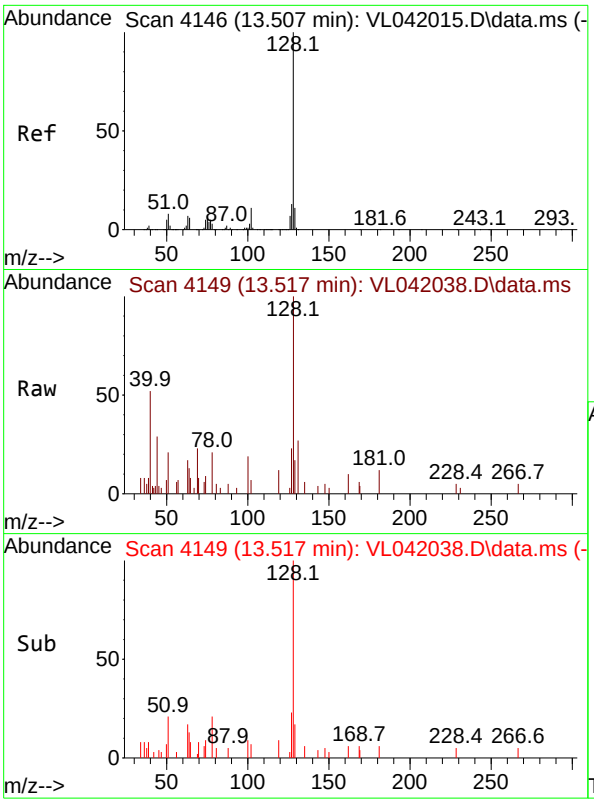




#77
1,2-Dichlorobenzene
Concen: 0.282 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.285 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

Tgt Ion:146 Resp: 6491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.5 | 25.6 | 76.8 |
| 148 | 72.9 | 31.9 | 95.7 |






#79
Naphthalene
Concen: 0.048 ppbv
RT: 13.517 min Scan# 4
Delta R.T. -0.009 min
Lab File: VL042038.D
Acq: 21 Feb 2025 13:20

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1ADUP

Tgt Ion:128 Resp: 2094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 22.5 | 10.2 | 15.2# |
| 129 | 16.8 | 8.6 | 13.0# |