Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
Data File : VL038334.D
Acq On : 3 Feb 2022 15:04
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Quant Time: Feb 04 08:41:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.66 | 49 | 847523 | 10.00 | ppbv | | -0.02 |
| 33) 1,4-Difluorobenzene | 7.16 | 114 | 2359568 | 10.00 | ppbv | | -0.02 |
| 55) Chlorobenzene-d5 | 12.07 | 117 | 2641153 | 10.00 | ppbv | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.40 | 95 | 1748227 | 8.72 | ppbv | | -0.01 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 87.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.05 | 85 | 1615423 | 8.954 | ppbv | | 98 |
| 3) Chlorodifluoromethane | 2.99 | 51 | 1467179 | 8.696 | ppbv | | 100 |
| 4) Chloromethane | 3.14 | 50 | 473521 | 8.158 | ppbv | | 96 |
| 5) Vinyl Chloride | 3.26 | 62 | 458258 | 7.910 | ppbv | | 96 |
| 6) Bromomethane | 3.47 | 94 | 172833 | 5.518 | ppbv | | 88 |
| 7) Chloroethane | 3.56 | 64 | 164339 | 8.398 | ppbv | | 94 |
| 8) Dichlorotetrafluoroethane | 3.19 | 85 | 1151442 | 8.248 | ppbv | | 98 |
| 9) Propene | 3.01 | 41 | 458429 | 8.347 | ppbv | | 99 |
| 10) Heptane | 8.11 | 43 | 1154812 | 8.172 | ppbv | | 100 |
| 11) Trichlorofluoromethane | 3.95 | 101 | 1134693 | 8.073 | ppbv | | 98 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.48 | 101 | 819566 | 7.714 | ppbv | | 96 |
| 13) Ethanol | 3.61 | 45 | 10395 | 1.763 | ppbv | # | 37 |
| 14) Bromoethene | 3.74 | 108 | 351648 | 8.470 | ppbv | | 99 |
| 15) Acetone | 3.84 | 43 | 689136 | 9.224 | ppbv | | 99 |
| 16) 1,3-Butadiene | 3.32 | 39 | 495227 | 9.237 | ppbv | | 90 |
| 17) tert-Butyl alcohol | 4.28 | 59 | 597563 | 7.287 | ppbv | | 100 |
| 18) 1,1-Dichloroethene | 4.29 | 96 | 367797 | 7.961 | ppbv | | 97 |
| 19) Isopropyl Alcohol | 3.96 | 45 | 357119 | 7.641 | ppbv | # | 97 |
| 20) Methylene Chloride | 4.34 | 84 | 297543 | 6.847 | ppbv | | 95 |
| 21) Allyl Chloride | 4.41 | 41 | 452114 | 6.840 | ppbv | | 96 |
| 22) trans-1,2-Dichloroethene | 4.88 | 96 | 364414 | 7.634 | ppbv | | 96 |
| 23) Vinyl Acetate | 5.06 | 43 | 862057 | 7.936 | ppbv | | 99 |
| 24) 1,1-Dichloroethane | 5.00 | 63 | 757107 | 7.824 | ppbv | | 99 |
| 25) Ethyl Acetate | 5.67 | 43 | 1758283 | 8.406 | ppbv | | 98 |
| 26) Hexane | 5.68 | 57 | 842123 | 8.655 | ppbv | | 96 |
| 27) Carbon Disulfide | 4.54 | 76 | 862027 | 7.573 | ppbv | | 99 |
| 28) Methyl tert-Butyl Ether | 5.02 | 73 | 764729 | 7.577 | ppbv | | 99 |
| 29) Chloroform | 5.74 | 83 | 1366968 | 8.607 | ppbv | | 98 |
| 30) Cyclohexane | 7.12 | 84 | 722300 | 8.526 | ppbv | | 99 |
| 31) cis-1,2-Dichloroethene | 5.54 | 61 | 848778 | 10.001 | ppbv | | 98 |
| 32) 1,1,1-Trichloroethane | 6.50 | 97 | 1356604 | 8.552 | ppbv | | 99 |
| 34) 2-Butanone | 5.24 | 43 | 777319 | 10.074 | ppbv | | 99 |
| 35) Carbon Tetrachloride | 7.01 | 117 | 1371875 | 8.283 | ppbv | | 98 |
| 36) Benzene | 6.88 | 78 | 1785238 | 8.554 | ppbv | | 99 |
| 37) 1,2-Dichloroethane | 6.29 | 62 | 1002653 | 8.387 | ppbv | | 99 |
| 38) Trichloroethene | 7.82 | 130 | 624485 | 8.032 | ppbv | | 96 |
| 39) 1,2-Dichloropropane | 7.60 | 63 | 689102 | 8.144 | ppbv | | 99 |
| 40) 1,4-Dioxane | 7.82 | 88 | 168544 | 8.276 | ppbv | | 84 |
| 41) Tetrahydrofuran | 6.04 | 42 | 396143 | 7.637 | ppbv | | 98 |
| 42) Bromodichloromethane | 7.78 | 83 | 1486964 | 8.384 | ppbv | | 100 |
| 43) Methyl Methacrylate | 8.00 | 69 | 680762 | 9.221 | ppbv | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
Data File : VL038334.D
Acq On : 3 Feb 2022 15:04
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDCCC010EC

Quant Time: Feb 04 08:41:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.86 | 57 | 3011479 | 8.187 | ppbv | | 98 |
| 45) t-1,3-Dichloropropene | 9.26 | 75 | 235432 | 3.925 | ppbv | | 96 |
| 46) cis-1,3-Dichloropropene | 8.69 | 75 | 389754 | 4.870 | ppbv | | 99 |
| 47) 1,1,2-Trichloroethane | 9.46 | 97 | 702727 | 8.452 | ppbv | | 97 |
| 48) Dibromochloromethane | 10.29 | 129 | 1205662 | 8.613 | ppbv | | 99 |
| 49) Bromoform | 13.02 | 173 | 929977 | 9.216 | ppbv | | 100 |
| 50) 4-Methyl-2-Pentanone | 8.73 | 43 | 1280746 | 9.304 | ppbv | | 99 |
| 51) 2-Hexanone | 10.12 | 43 | 622115 | 10.262 | ppbv | | 96 |
| 52) Tetrachloroethene | 11.21 | 164 | 561255 | 7.802 | ppbv | | 99 |
| 53) Toluene | 9.79 | 91 | 1986017 | 8.597 | ppbv | | 99 |
| 54) 1,2-Dibromoethane | 10.59 | 107 | 971613 | 8.220 | ppbv | | 98 |
| 56) 1,1,1,2-Tetrachloroethane | 12.11 | 131 | 801792 | 6.936 | ppbv | # | 56 |
| 57) Chlorobenzene | 12.13 | 112 | 1392177 | 6.587 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.69 | 91 | 2632649 | 6.782 | ppbv | | 98 |
| 59) m/p-Xylene | 12.98 | 91 | 2078643 | 6.277 | ppbv | # | 30 |
| 60) o-Xylene | 13.67 | 91 | 2053385 | 6.667 | ppbv | | 99 |
| 61) Styrene | 13.51 | 104 | 1009403 | 7.022 | ppbv | | 99 |
| 62) Isopropylbenzene | 14.65 | 105 | 2813494 | 6.852 | ppbv | | 100 |
| 63) 1,1,2,2-Tetrachloroethane | 13.66 | 83 | 1499859 | 6.581 | ppbv | | 100 |
| 64) n-propylbenzene | 15.55 | 120 | 697342 | 7.060 | ppbv | | 100 |
| 65) tert-Butylbenzene | 16.73 | 119 | 2394238 | 7.080 | ppbv | | 99 |
| 66) Benzyl Chloride | 16.73 | 91 | 1993674 | 129.775 | ppbv | # | 68 |
| 67) sec-Butylbenzene | 17.28 | 105 | 3340609 | 7.101 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.63 | 119 | 2604366 | 7.234 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.53 | 91 | 2605318 | 7.388 | ppbv | | 100 |
| 71) 2-Chlorotoluene | 15.44 | 91 | 2108195 | 6.932 | ppbv | | 100 |
| 72) 4-Ethyltoluene | 15.82 | 105 | 2254042 | 6.998 | ppbv | | 99 |
| 73) 1,3,5-Trimethylbenzene | 15.98 | 105 | 1985617 | 6.855 | ppbv | | 99 |
| 74) 1,2,4-Trimethylbenzene | 16.74 | 105 | 2022191 | 6.627 | ppbv | # | 91 |
| 75) 1,3-Dichlorobenzene | 16.98 | 146 | 1116135 | 6.816 | ppbv | | 100 |
| 76) 1,4-Dichlorobenzene | 17.12 | 146 | 1050267 | 6.624 | ppbv | | 98 |
| 77) 1,2-Dichlorobenzene | 17.80 | 146 | 1070231 | 7.036 | ppbv | | 100 |
| 78) Hexachloro-1,3-Butadiene | 23.36 | 225 | 615051 | 5.816 | ppbv | | 99 |
| 79) Naphthalene | 22.17 | 128 | 982238 | 6.884 | ppbv | | 98 |
| 80) Naphthalene,2-methyl- | 24.96 | 142 | 129564 | 8.350 | ppbv | | 96 |
| 81) 1,2,4-Trichlorobenzene | 21.90 | 180 | 562837 | 6.707 | ppbv | | 100 |

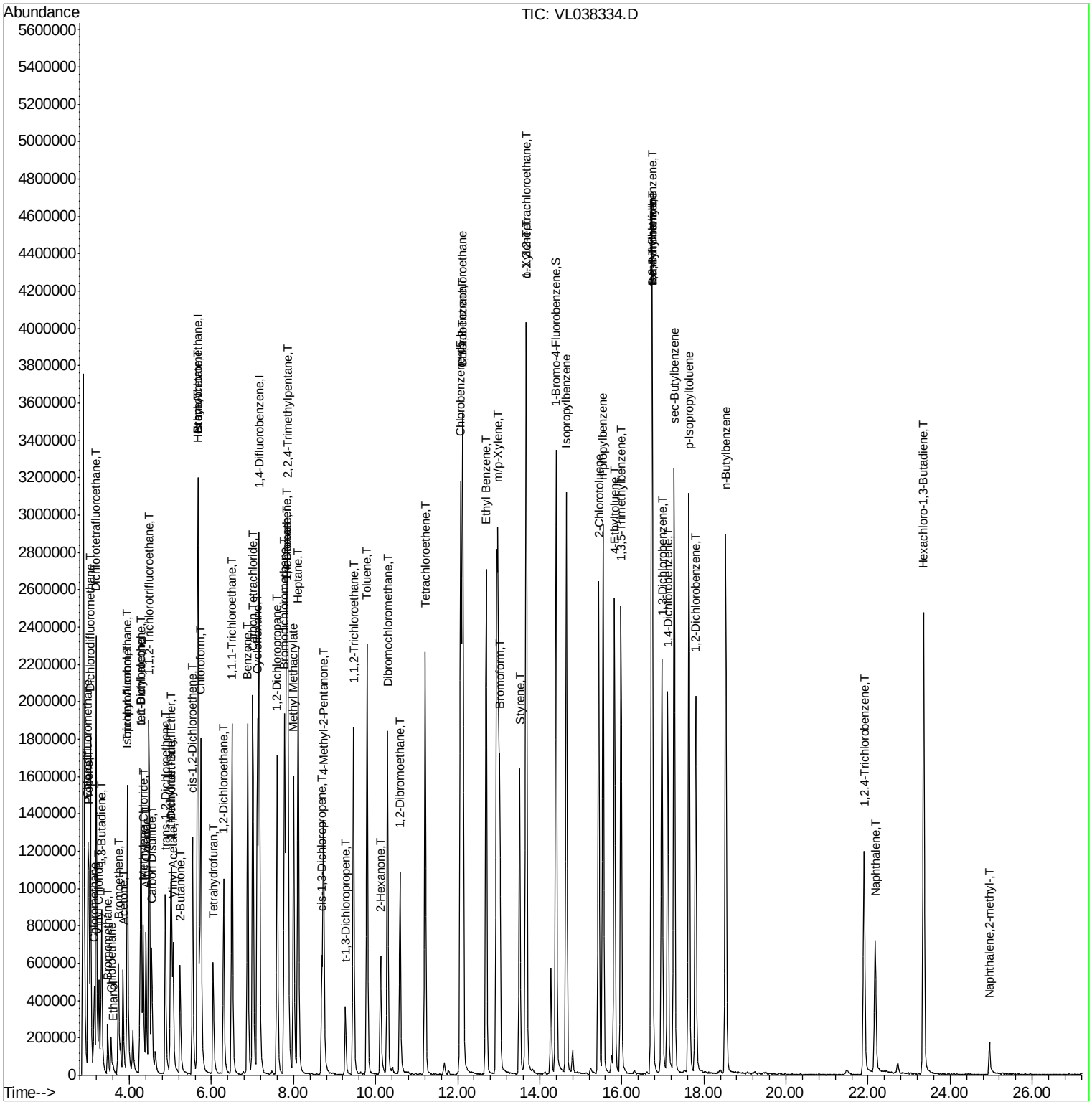
(#) = qualifier out of range (m) = manual integration (+) = signals summed

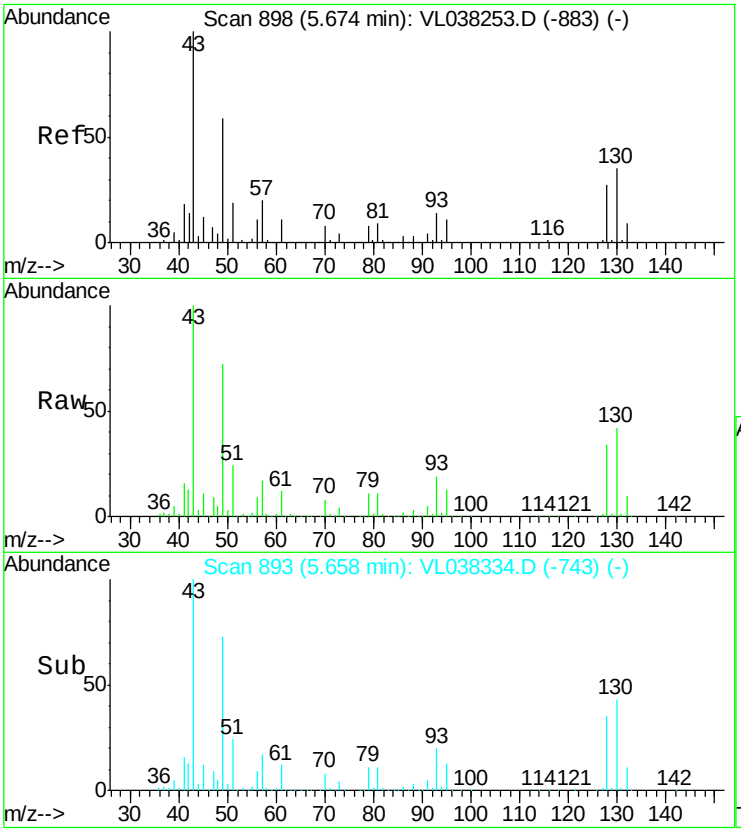
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
Data File : VL038334.D
Acq On : 3 Feb 2022 15:04
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Quant Time: Feb 04 08:41:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



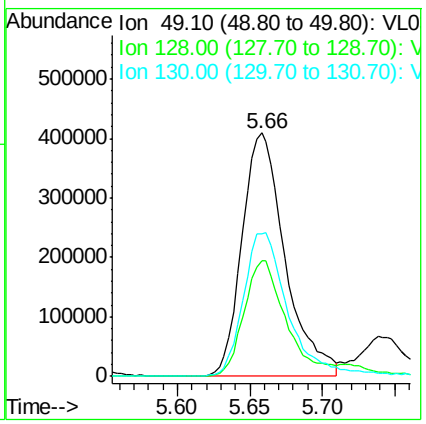


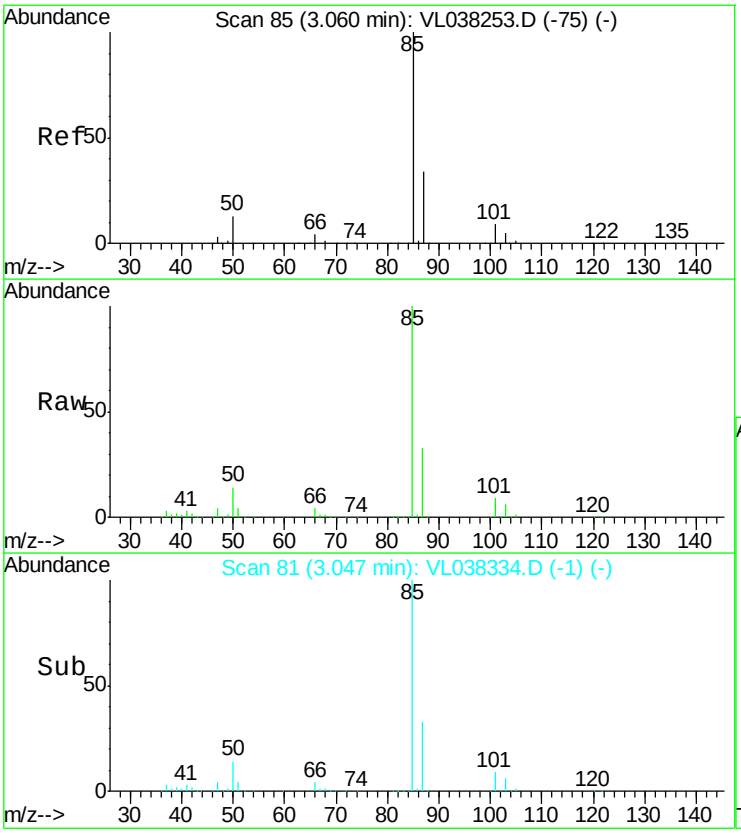

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 49 Resp: 847523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 51.4 | 24.5 | 73.5 |
| 130 | 62.6 | 30.1 | 90.5 |

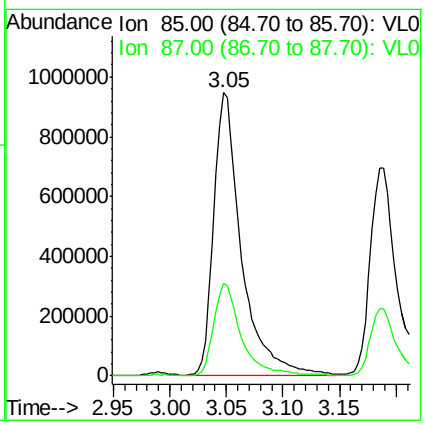


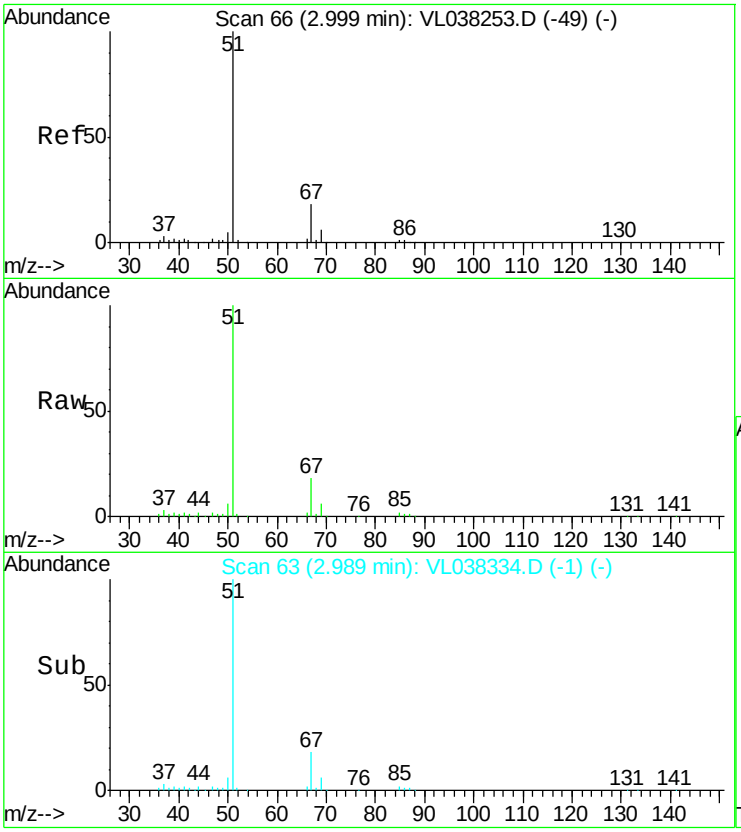




#2
Dichlorodifluoromethane
Concen: 8.954 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 85 Resp: 1615423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.6 | 27.0 | 40.6 |



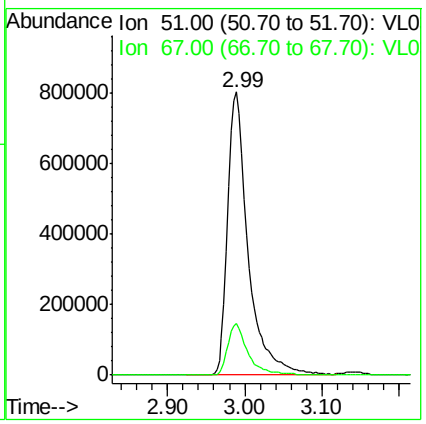


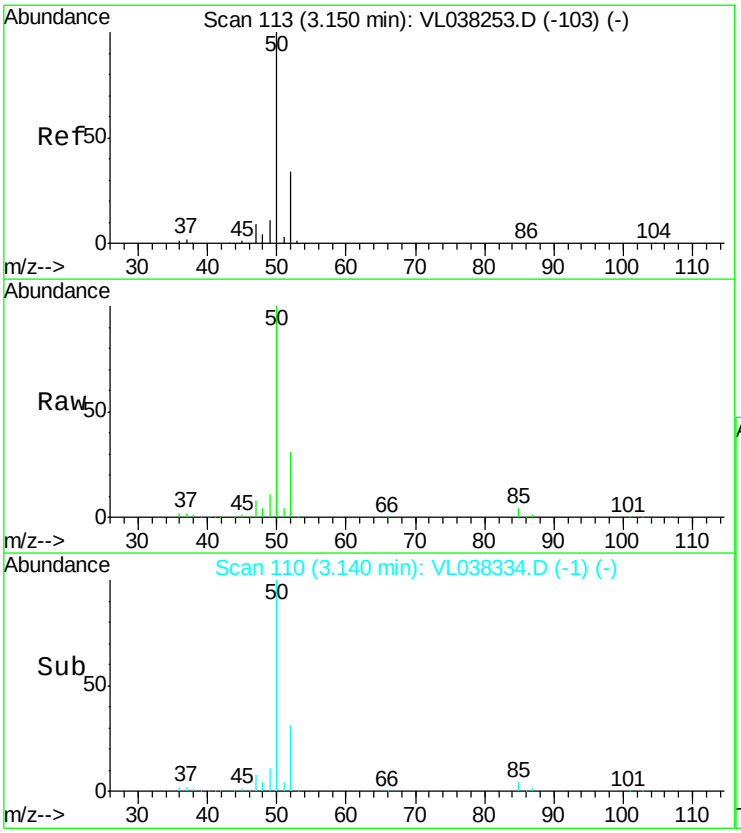

#3
Chlorodifluoromethane
Concen: 8.696 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 51 Resp: 1467179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 18.1 | 14.4 | 21.6 |

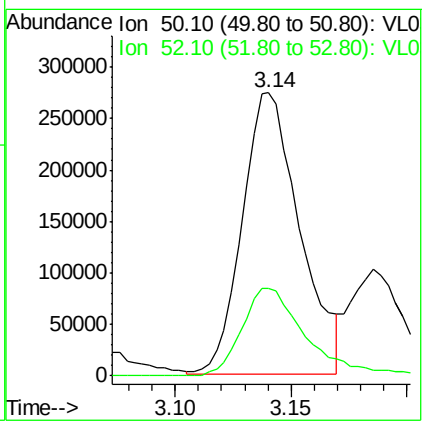


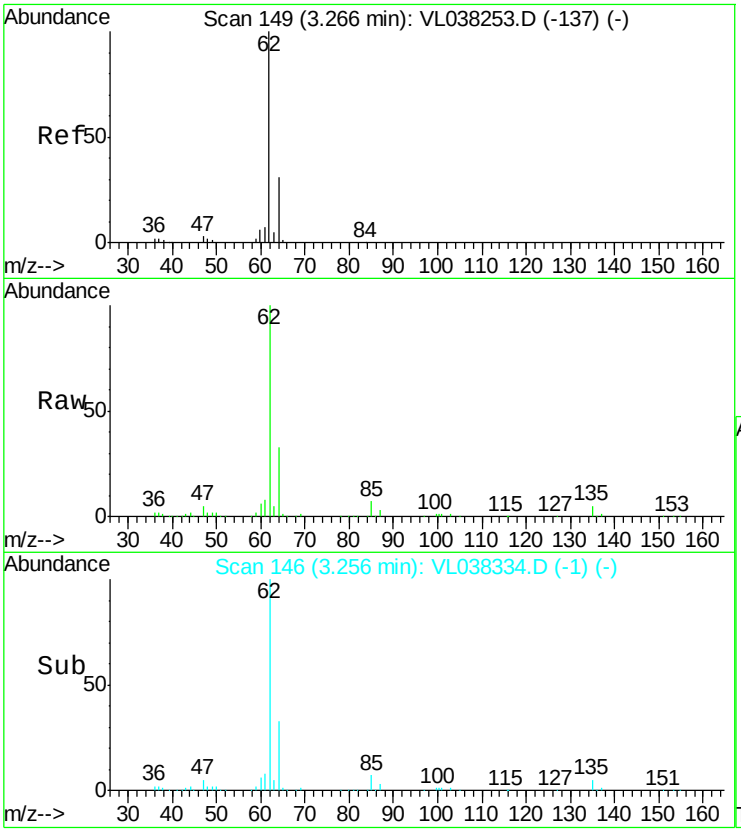




#4
Chloromethane
Concen: 8.158 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 50 Resp: 473521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.6 | 27.1 | 40.7 |



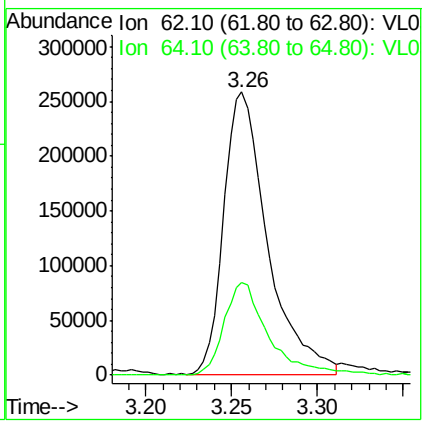


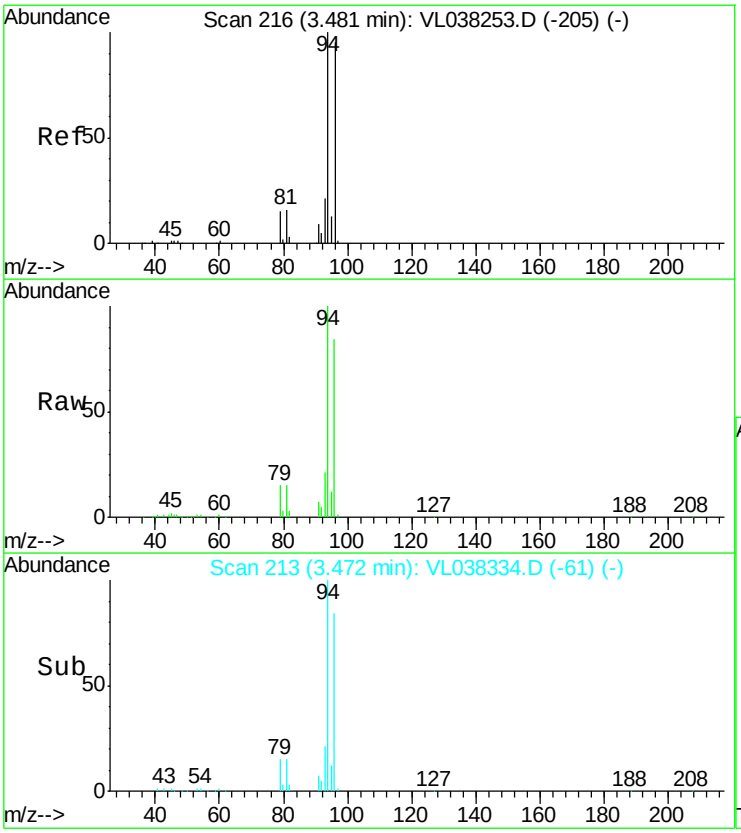

#5
Vinyl Chloride
Concen: 7.910 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 62 Resp: 458258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.9 | 24.4 | 36.6 |

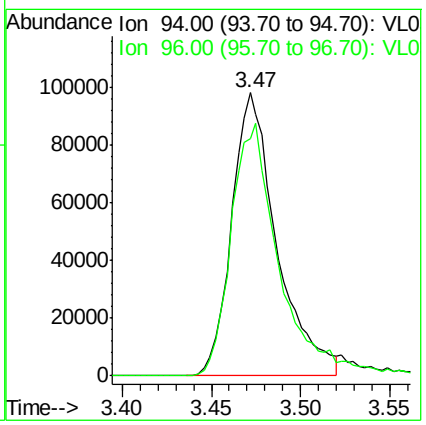


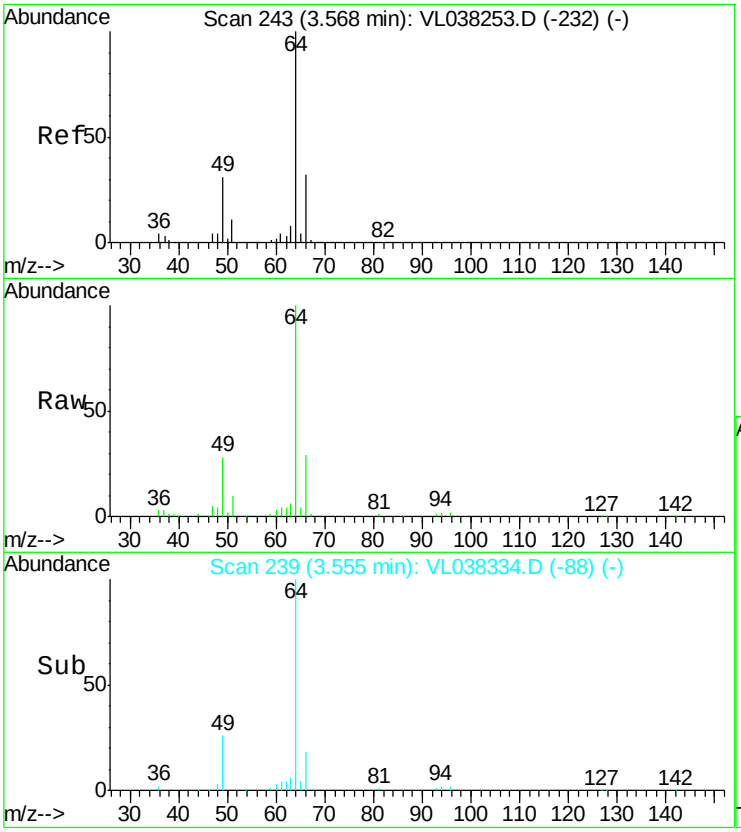




#6
Bromomethane
Concen: 5.518 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 94 Resp: 172833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 83.8 | 76.0 | 114.0 |



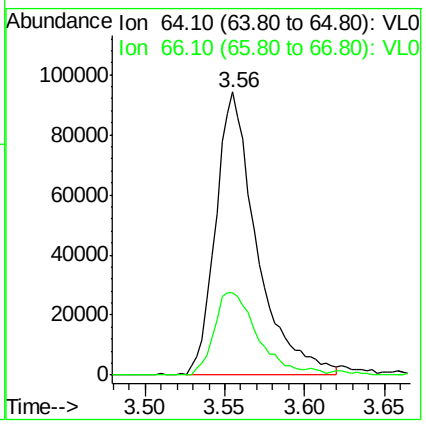


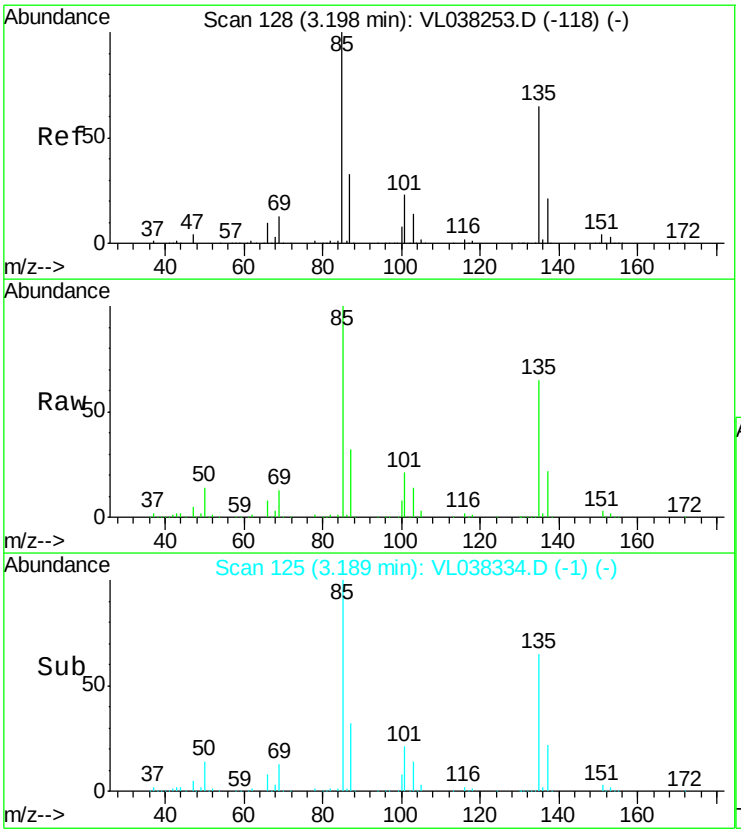

#7
Chloroethane
Concen: 8.398 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 64 Resp: 164339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.0 | 25.8 | 38.6 |

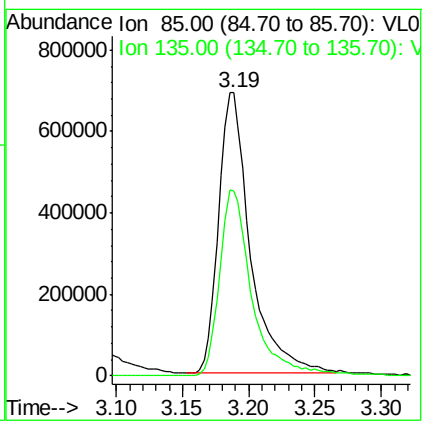


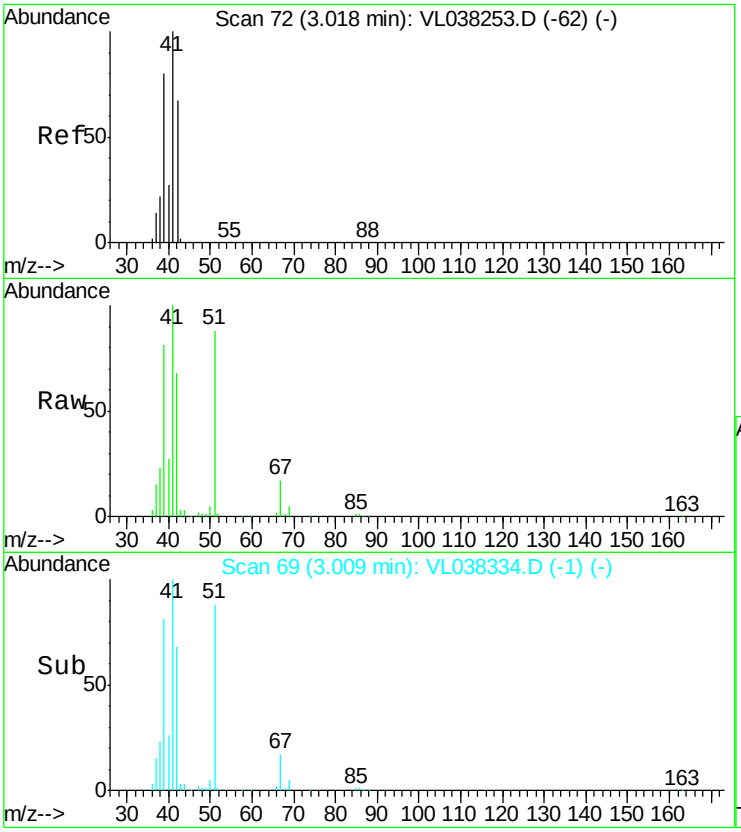




#8
Dichlorotetrafluoroethane
Concen: 8.248 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 85 Resp: 1151442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 68.7 | 53.7 | 80.5 |



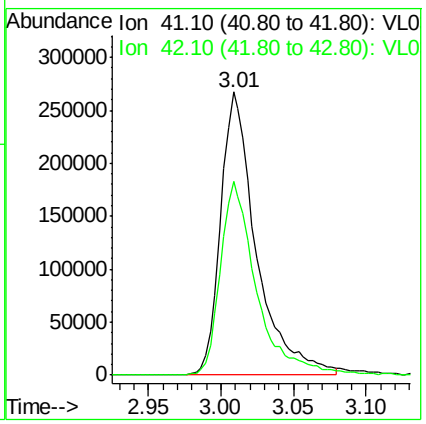


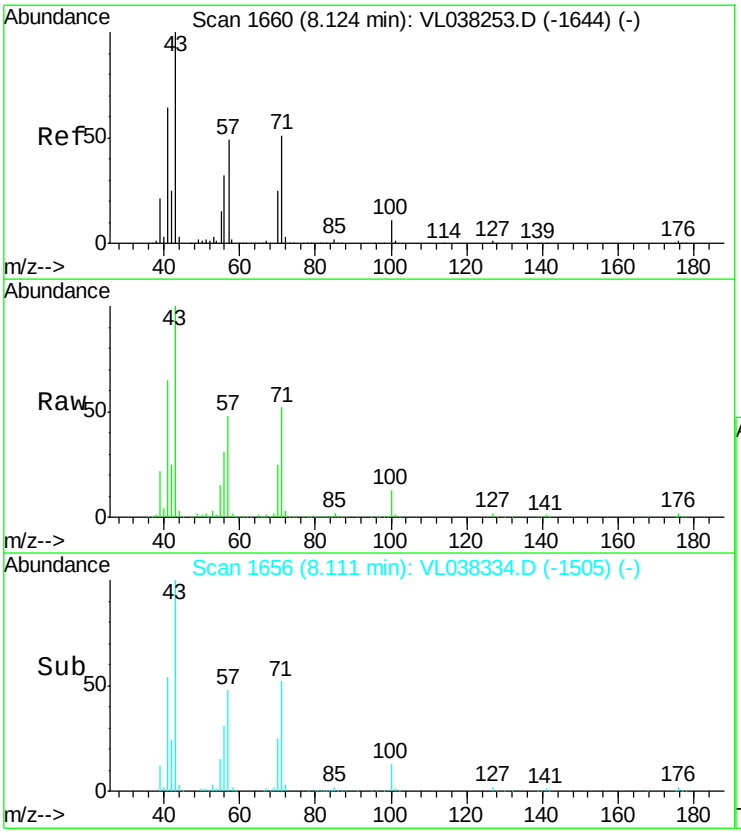

#9
Propene
Concen: 8.347 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 41 Resp: 458429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 69.7 | 54.9 | 82.3 |

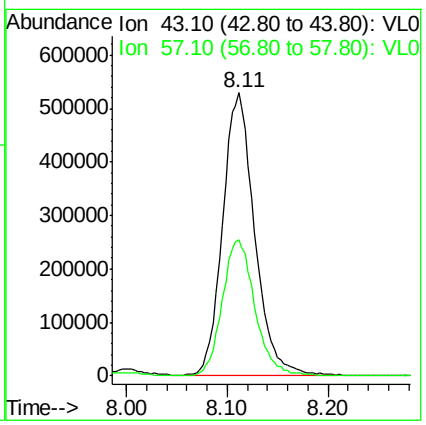


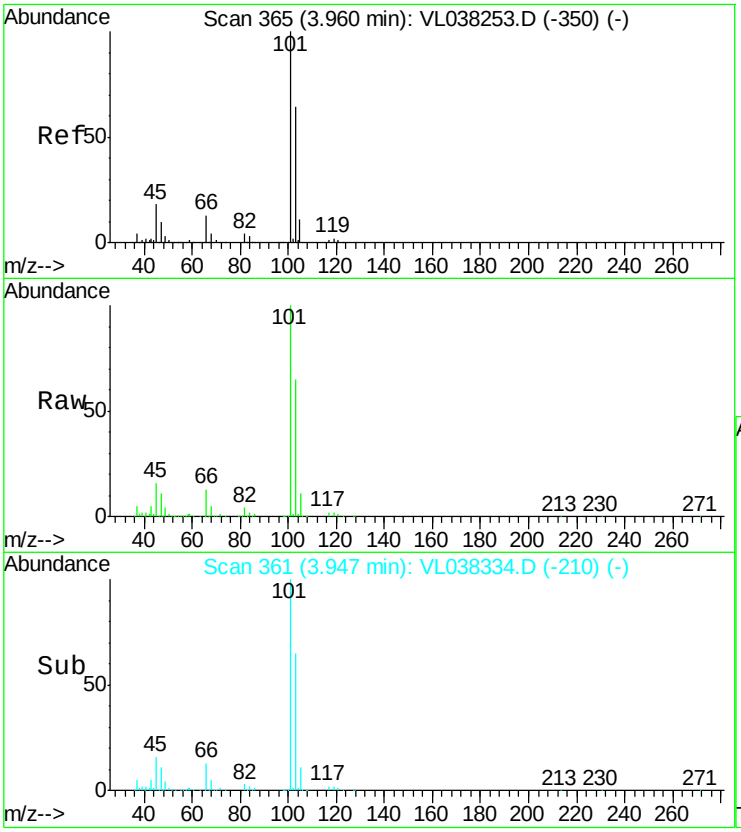




#10
Heptane
Concen: 8.172 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 43 Resp: 1154812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 49.6 | 39.5 | 59.3 |



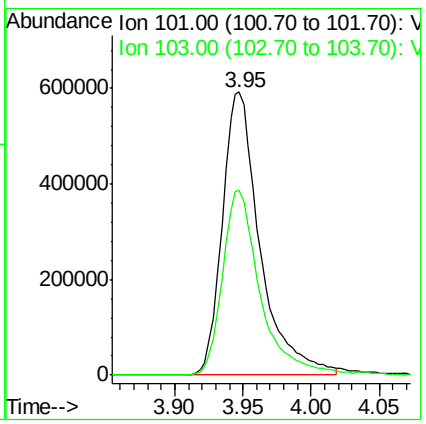


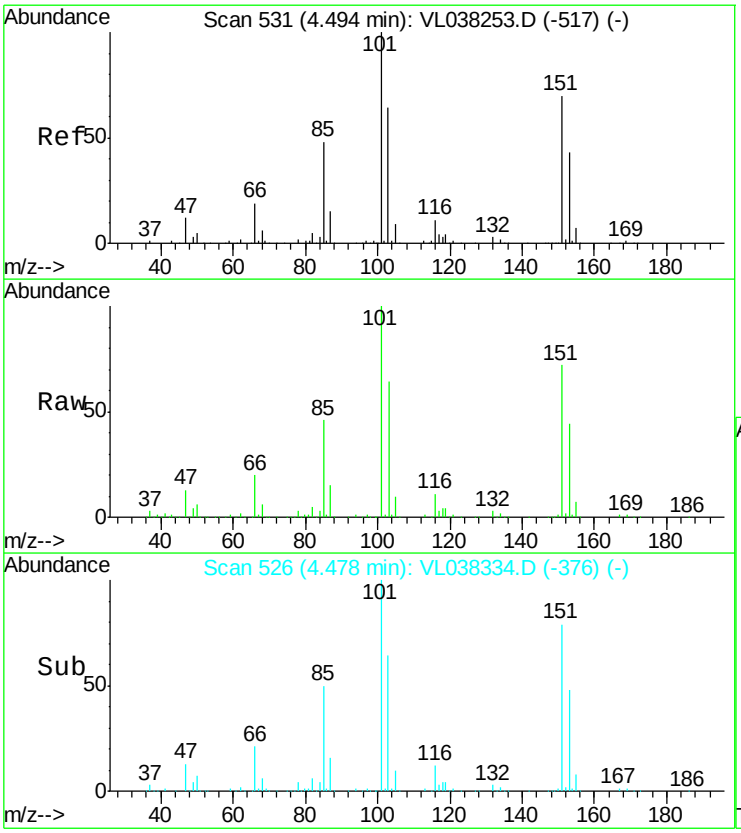

#11
Trichlorofluoromethane
Concen: 8.073 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:101 Resp: 1134693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.2 | 51.2 | 76.8 |

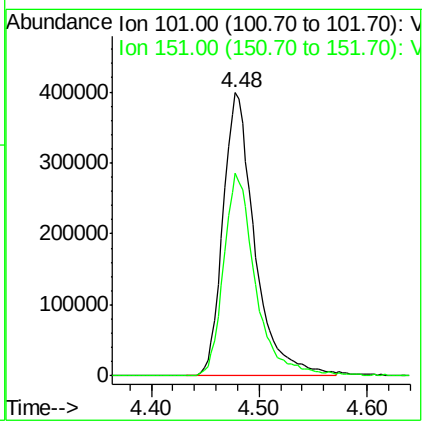


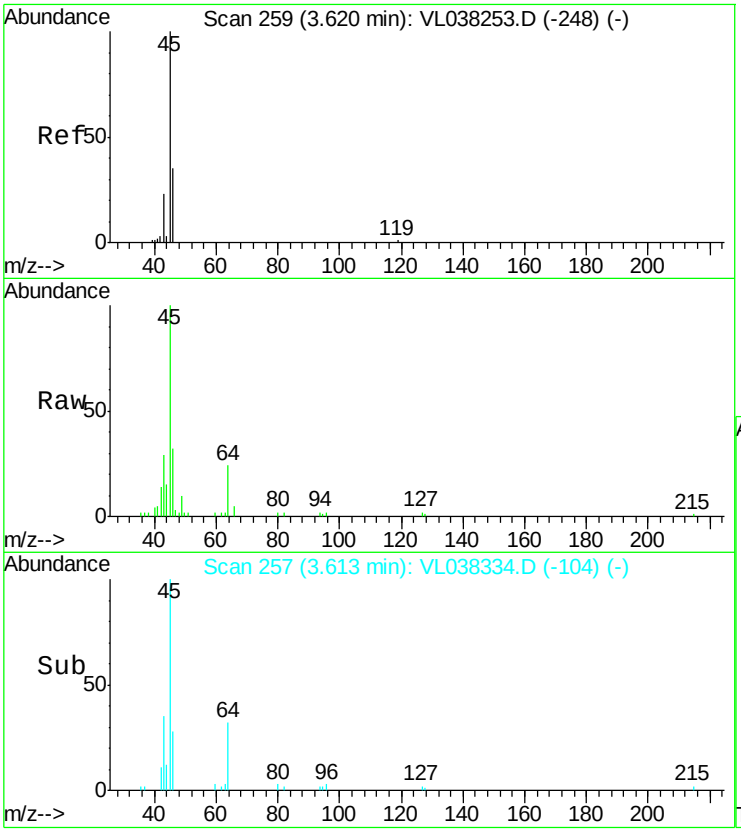




#12
1,1,2-Trichlorotrifluoroethane
Concen: 7.714 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:101 Resp: 819566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 72.1 | 55.3 | 82.9 |



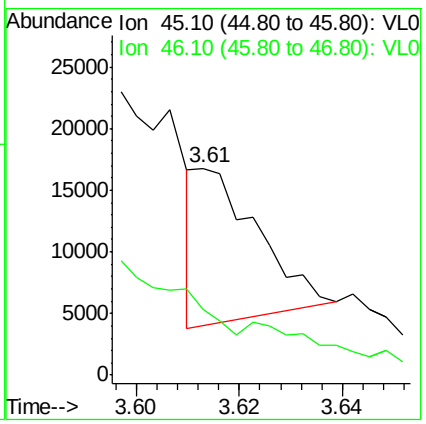


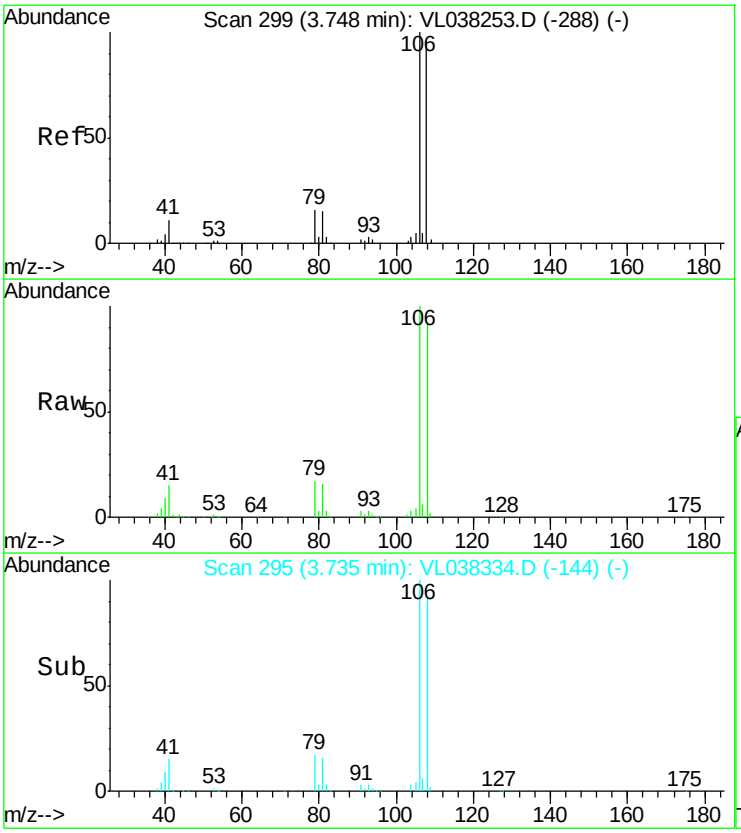

#13
Ethanol
Concen: 1.763 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 45 Resp: 10395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 0.0 | 15.4 | 61.6# |

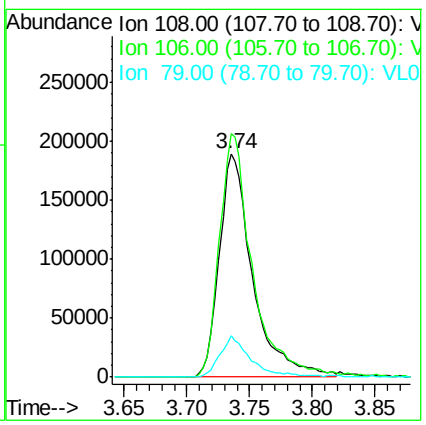


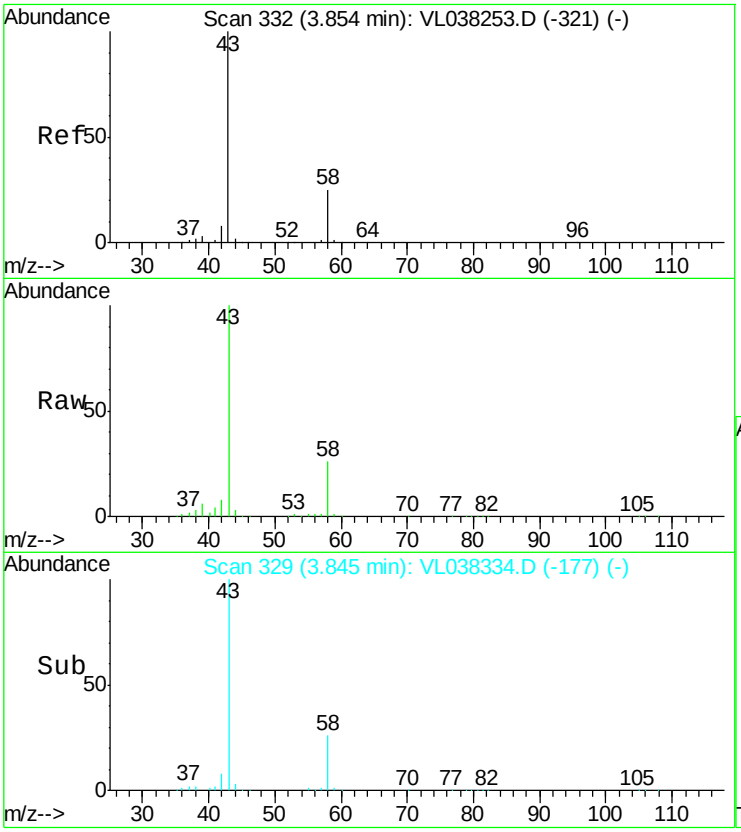




#14
Bromoethene
Concen: 8.470 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:108 Resp: 351648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 108.9 | 86.4 | 129.6 |
| 79 | 18.0 | 14.1 | 21.1 |



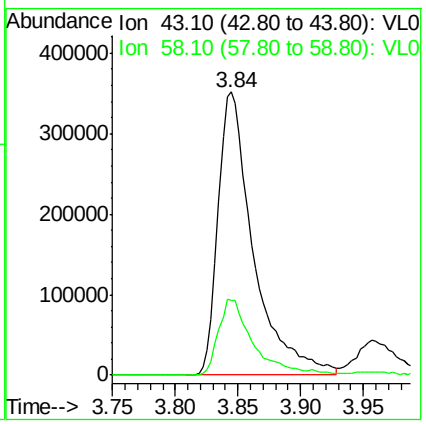


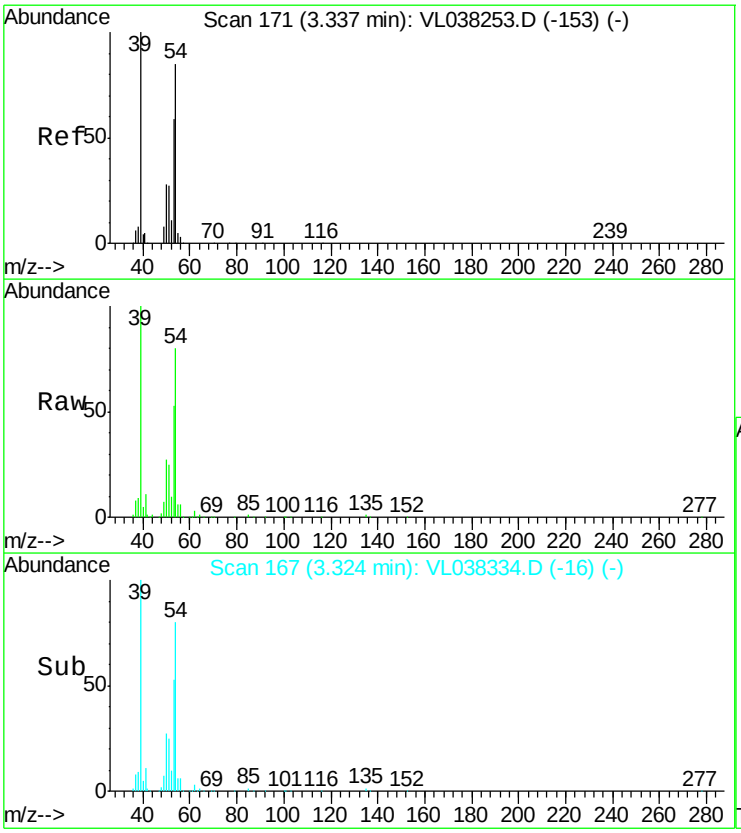

#15
Acetone
Concen: 9.224 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 43 Resp: 689136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.5 | 21.5 | 32.3 |

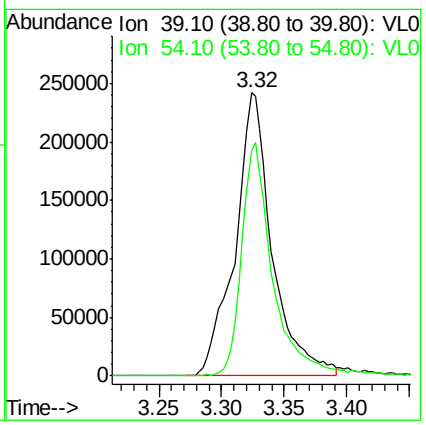


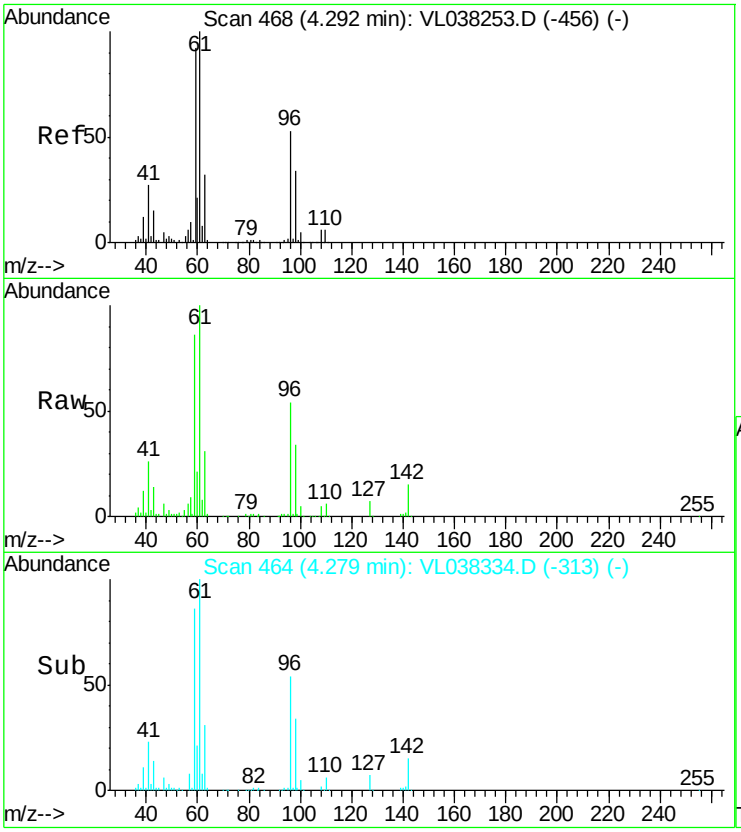




#16
1,3-Butadiene
Concen: 9.237 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 39 Resp: 495227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 69.9 | 62.6 | 94.0 |



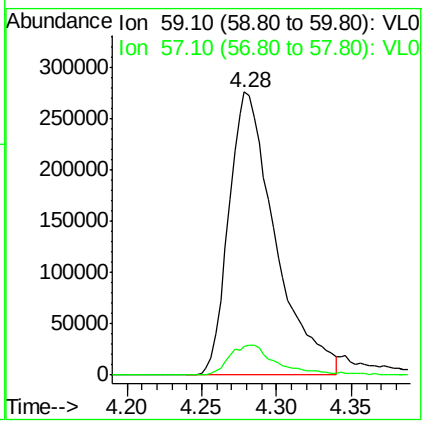


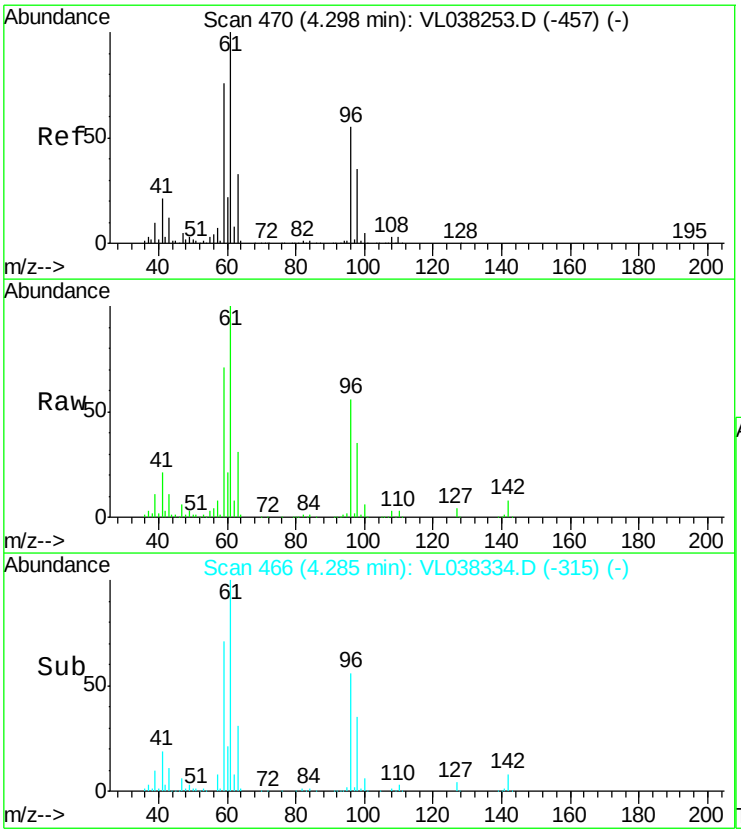

#17
tert-Butyl alcohol
Concen: 7.287 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 59 Resp: 597563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.4 | 9.2 | 13.8 |

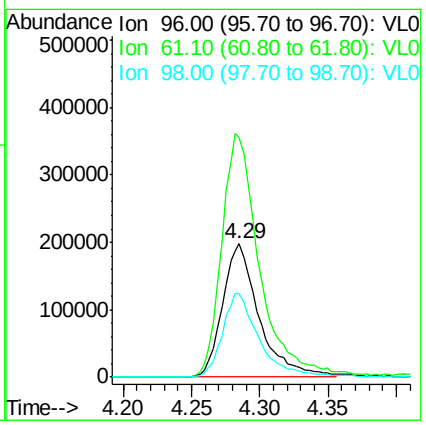


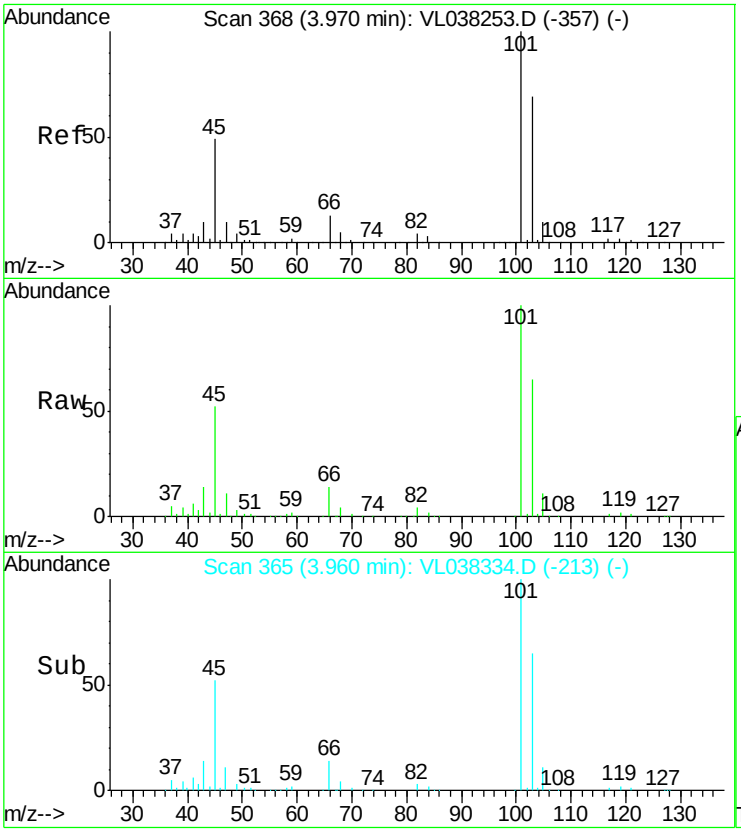




#18
1,1-Dichloroethene
Concen: 7.961 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 96 Resp: 367797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 179.8 | 146.5 | 219.7 |
| 98 | 62.5 | 51.9 | 77.9 |



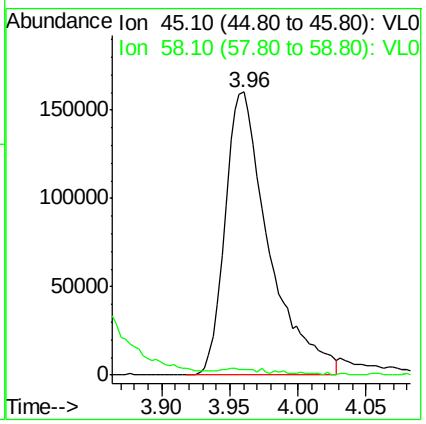


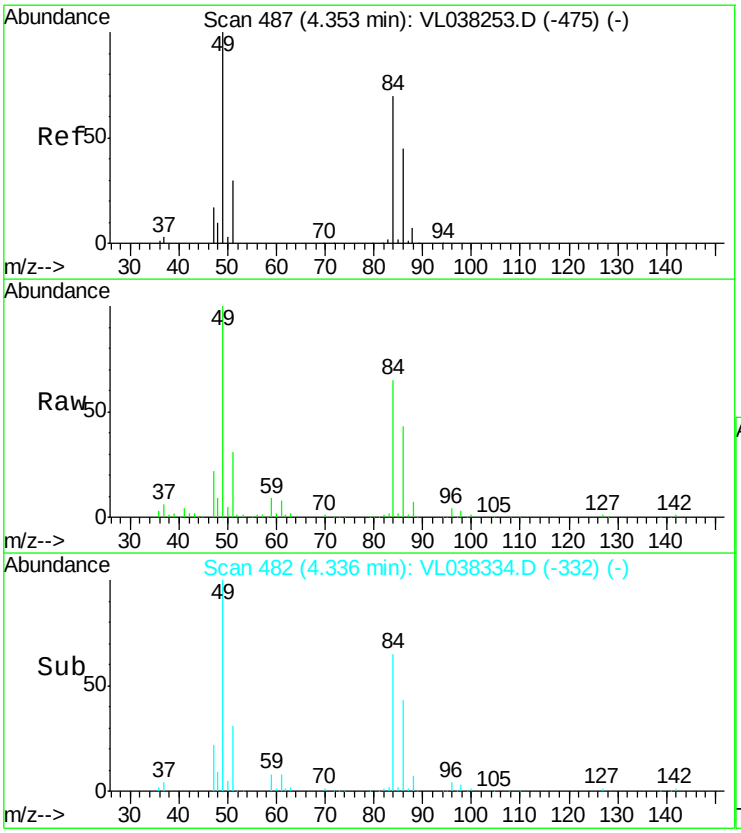

#19
Isopropyl Alcohol
Concen: 7.641 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 45 Resp: 357119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1.8 | 2.3 | 3.5# |

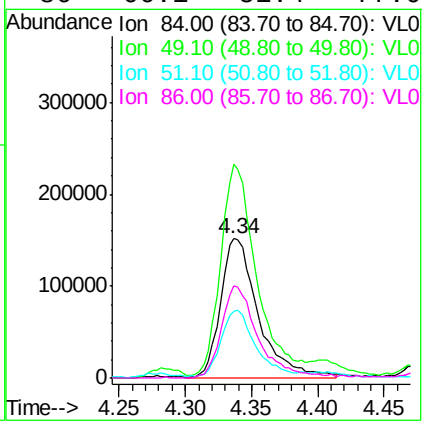


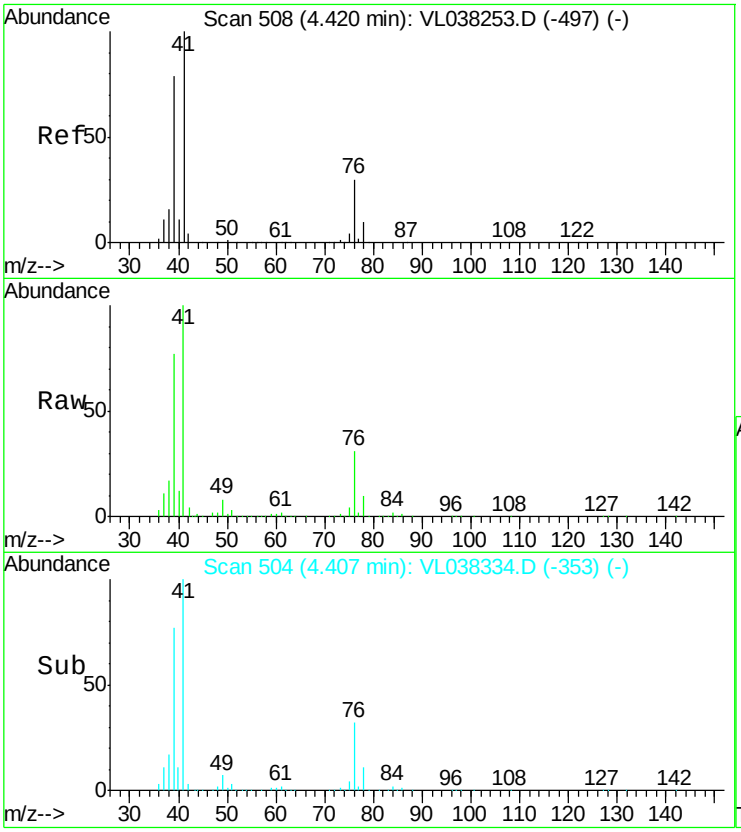




#20
Methylene Chloride
Concen: 6.847 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 84 Resp: 297543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 152.3 | 115.0 | 172.6 |
| 51 | 46.5 | 35.0 | 52.6 |
| 86 | 66.1 | 51.4 | 77.0 |



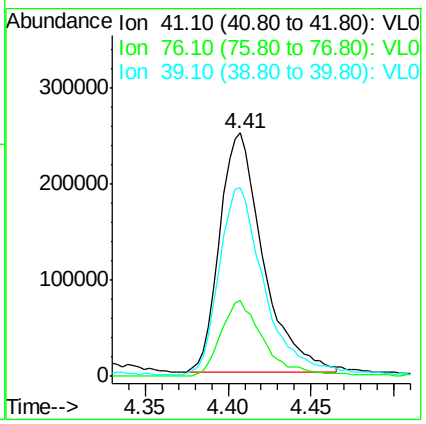


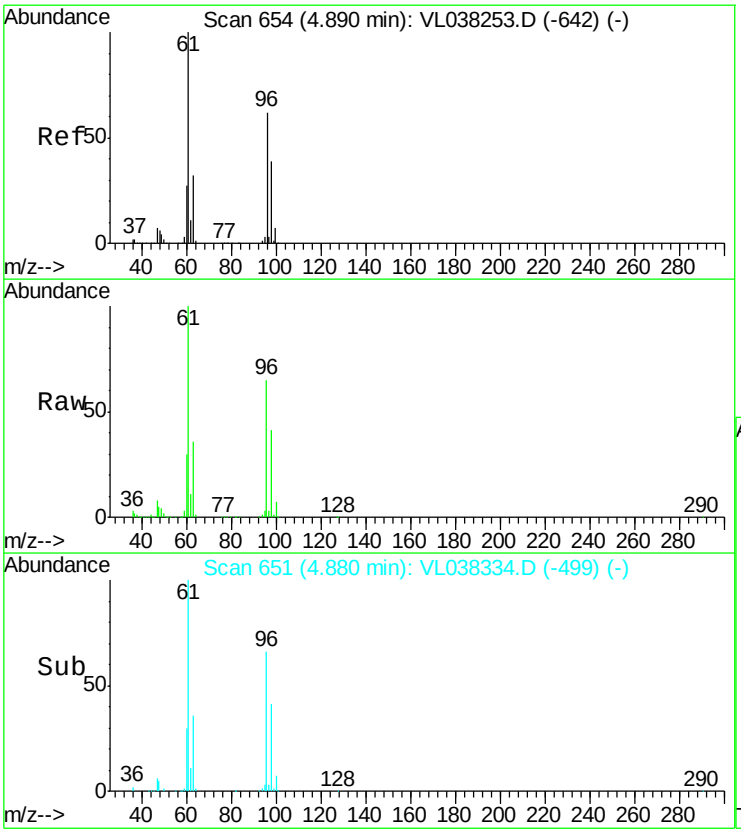

#21
Allyl Chloride
Concen: 6.840 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 41 Resp: 452114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 32.1 | 25.0 | 37.6 |
| 39 | 82.7 | 63.0 | 94.6 |

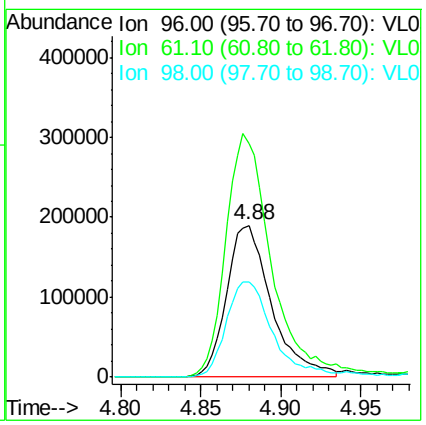


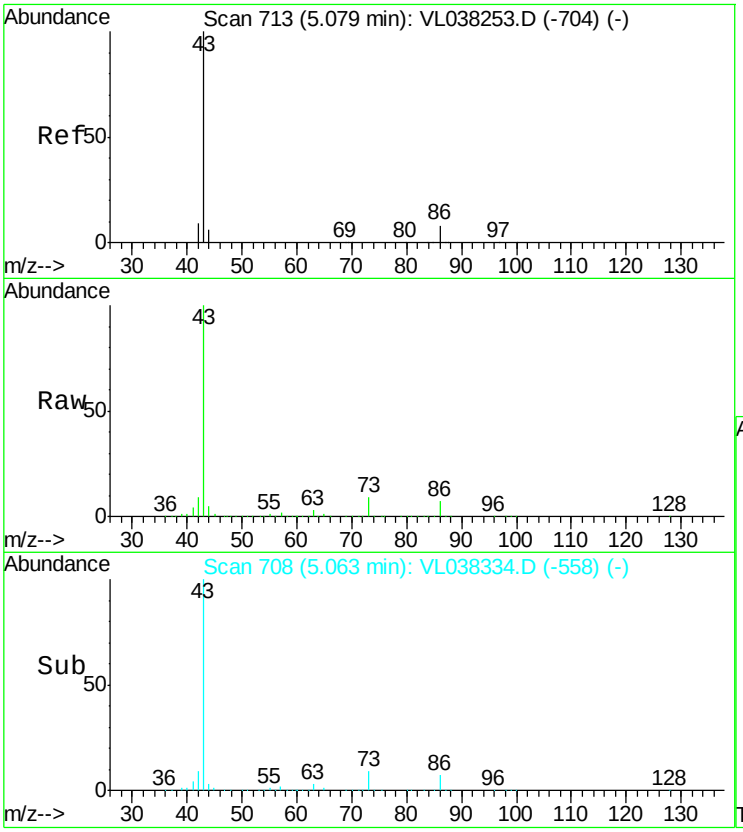




#22
trans-1,2-Dichloroethene
Concen: 7.634 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 96 Resp: 364414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.4 | 128.8 | 193.2 |
| 98 | 62.7 | 49.8 | 74.8 |



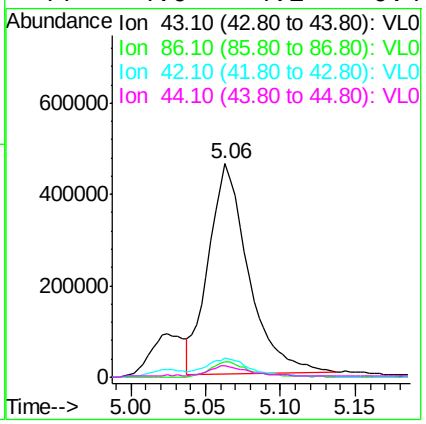


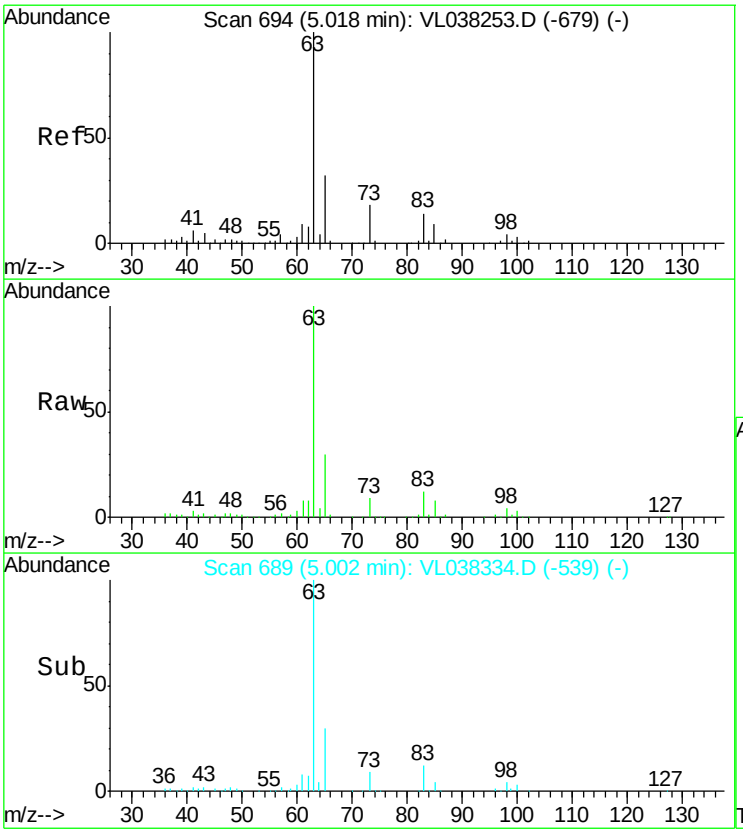

#23
Vinyl Acetate
Concen: 7.936 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 43 Resp: 862057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.9 | 5.7 | 8.5 |
| 42 | 9.1 | 7.7 | 11.5 |
| 44 | 4.9 | 4.2 | 6.4 |

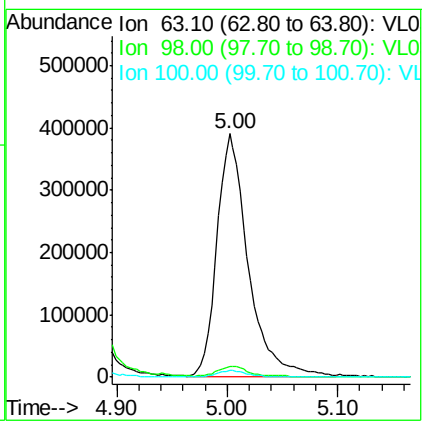


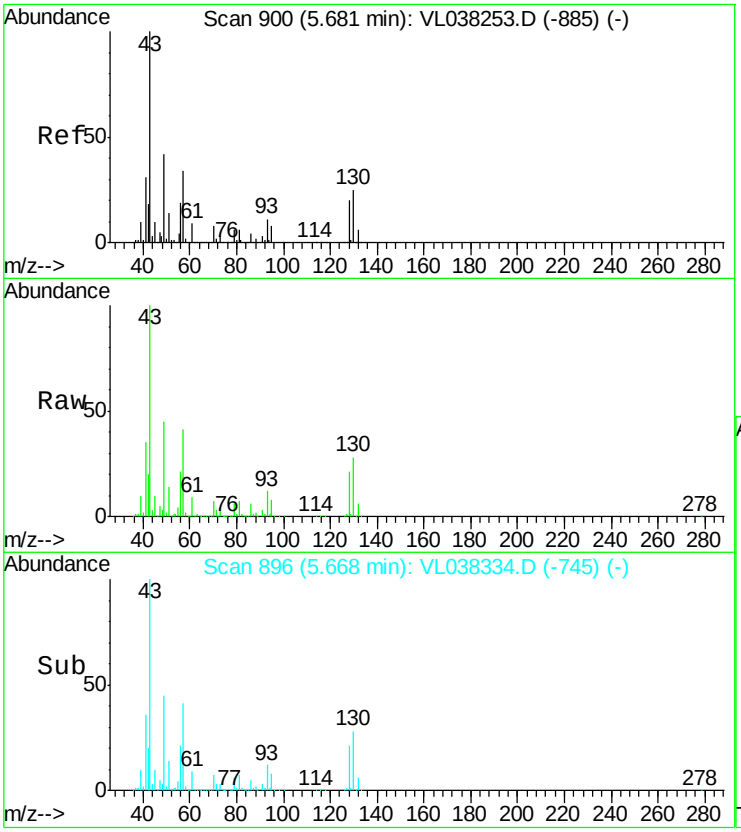




#24
1,1-Dichloroethane
Concen: 7.824 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 63 Resp: 757107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.2 | 2.3 | 6.8 |
| 100 | 3.0 | 1.3 | 3.9 |



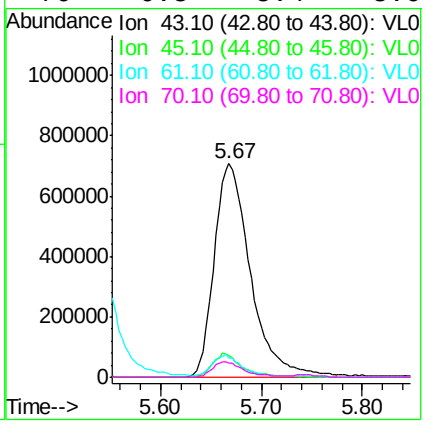


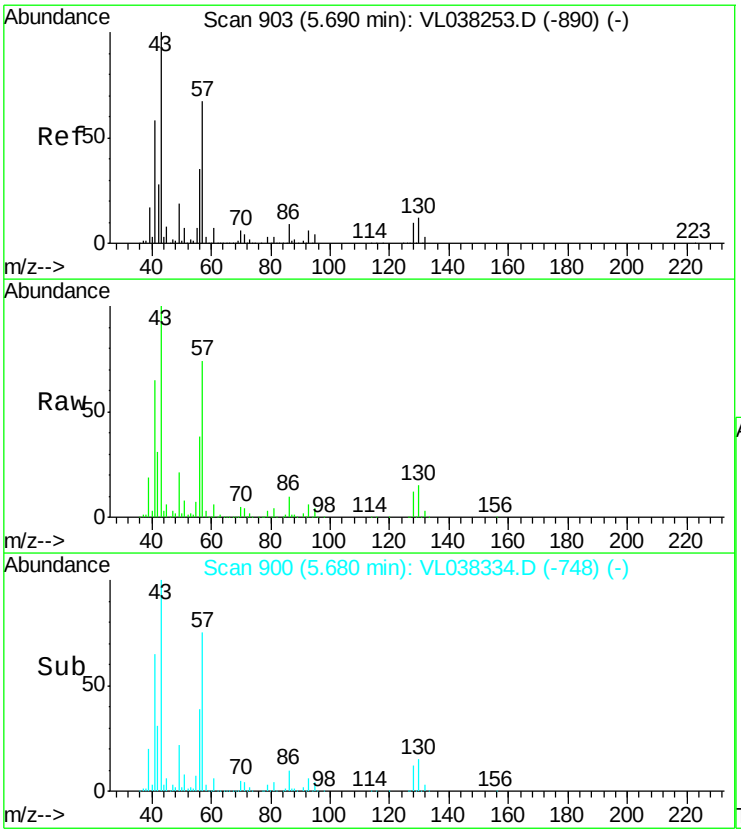

#25
Ethyl Acetate
Concen: 8.406 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 43 Resp: 1758283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.4 | 7.9 | 11.9 |
| 61 | 9.1 | 7.8 | 11.8 |
| 70 | 6.3 | 5.4 | 8.0 |

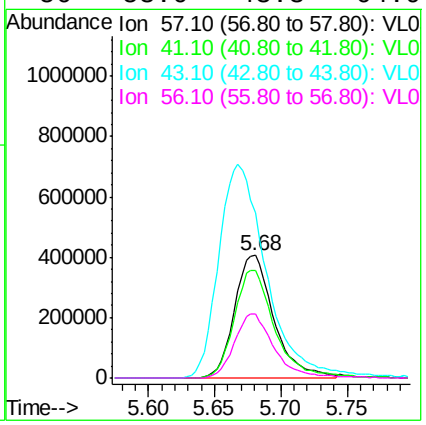


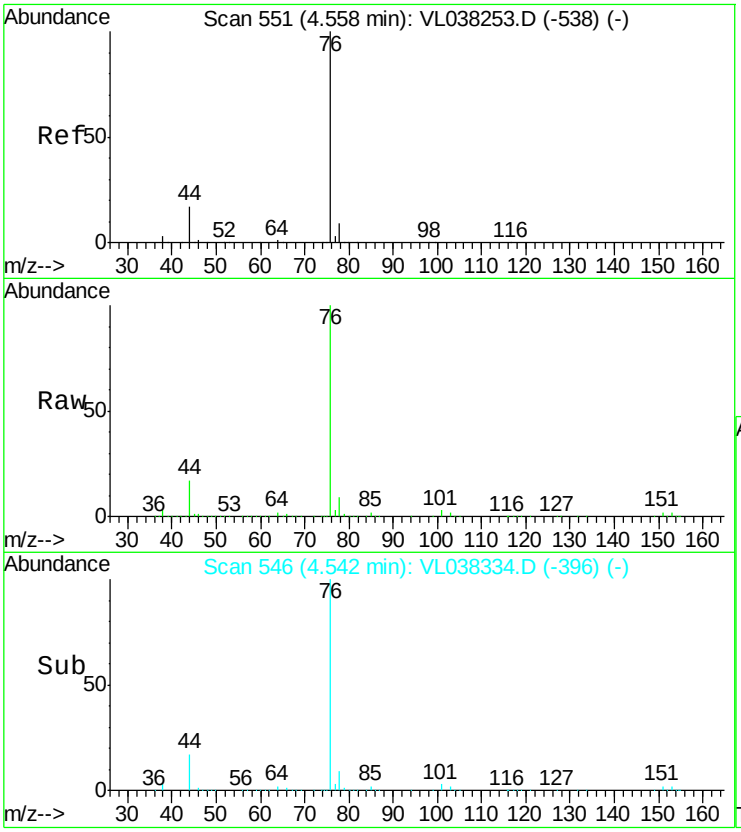




#26
Hexane
Concen: 8.655 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 57 Resp: 842123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 91.0 | 72.8 | 109.2 |
| 43 | 211.7 | 177.0 | 265.6 |
| 56 | 53.0 | 43.3 | 64.9 |



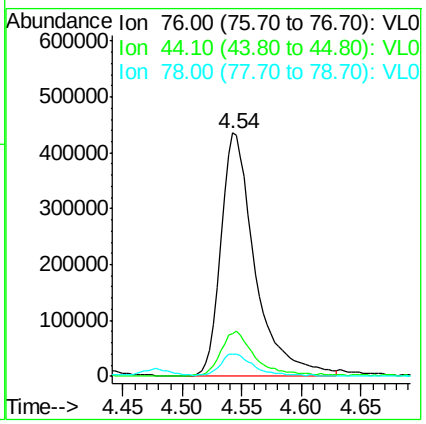


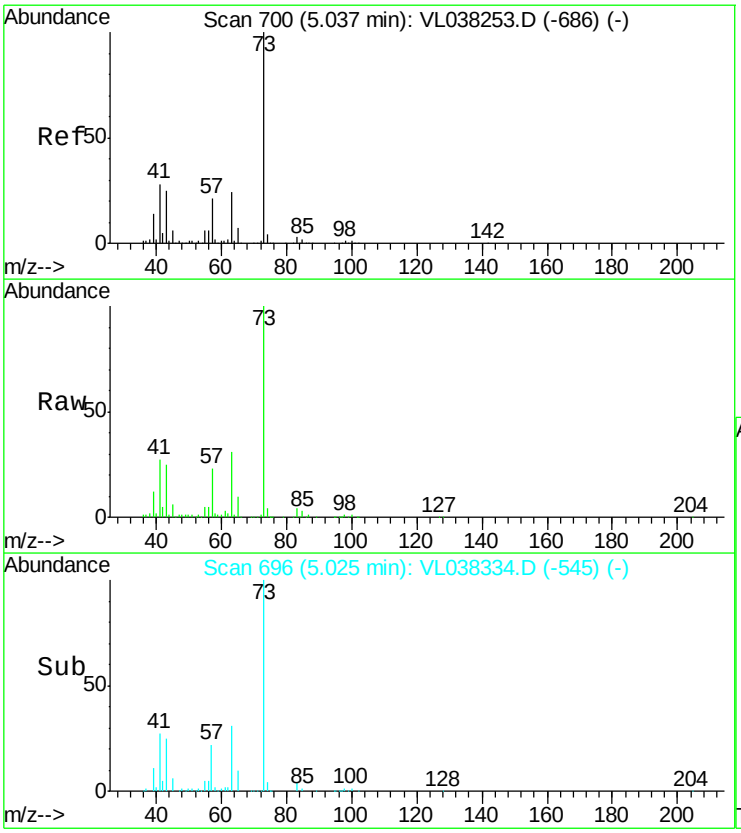

#27
Carbon Disulfide
Concen: 7.573 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 76 Resp: 862027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 18.0 | 14.8 | 22.2 |
| 78 | 9.5 | 7.9 | 11.9 |

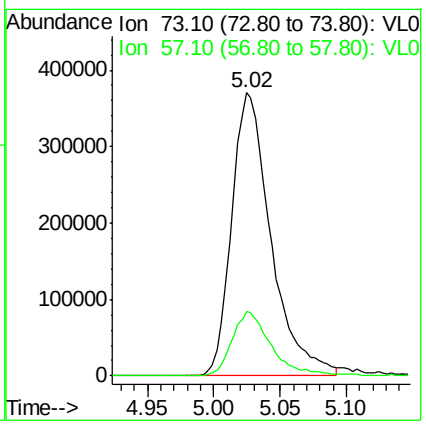


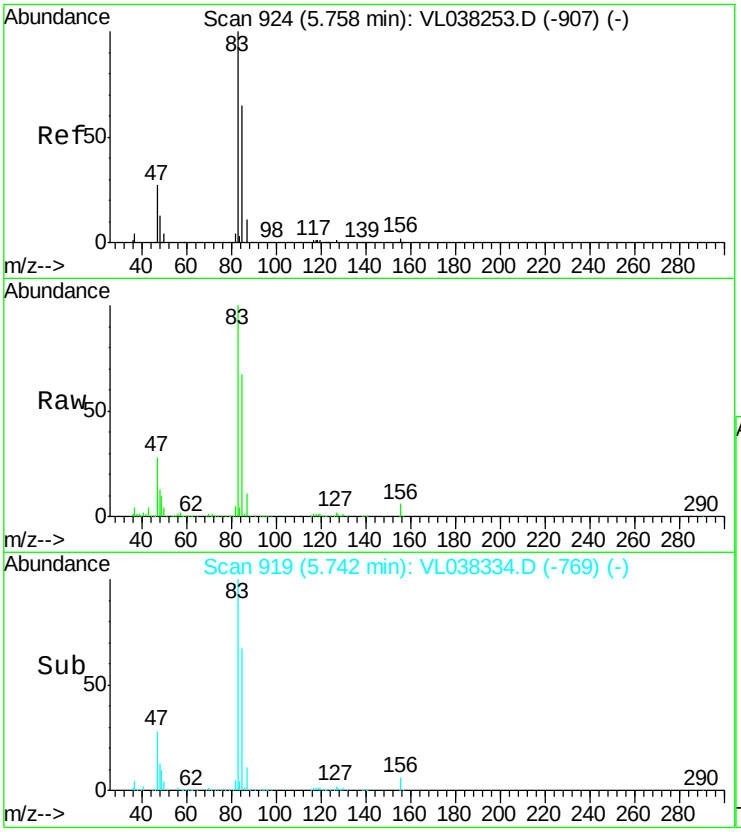




#28
Methyl tert-Butyl Ether
Concen: 7.577 ppbv
RT: 5.02 min Scan# 696
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 73 Resp: 764729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.1 | 18.2 | 27.4 |



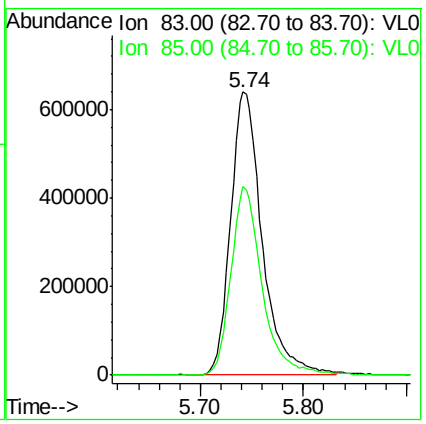


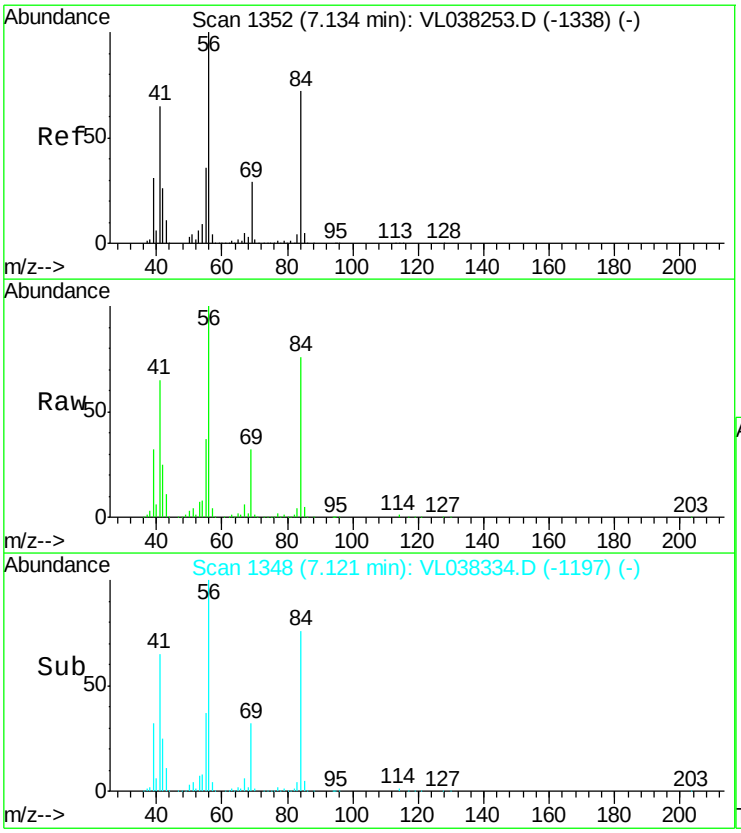

#29
Chloroform
Concen: 8.607 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 83 Resp: 1366968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.6 | 51.9 | 77.9 |

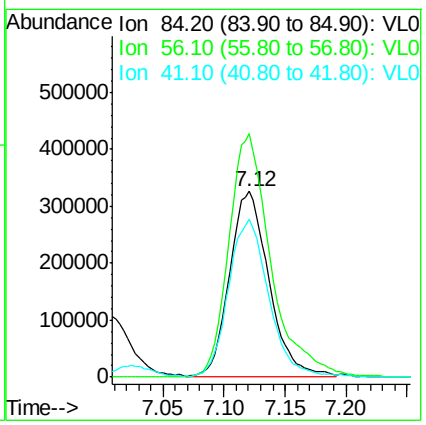


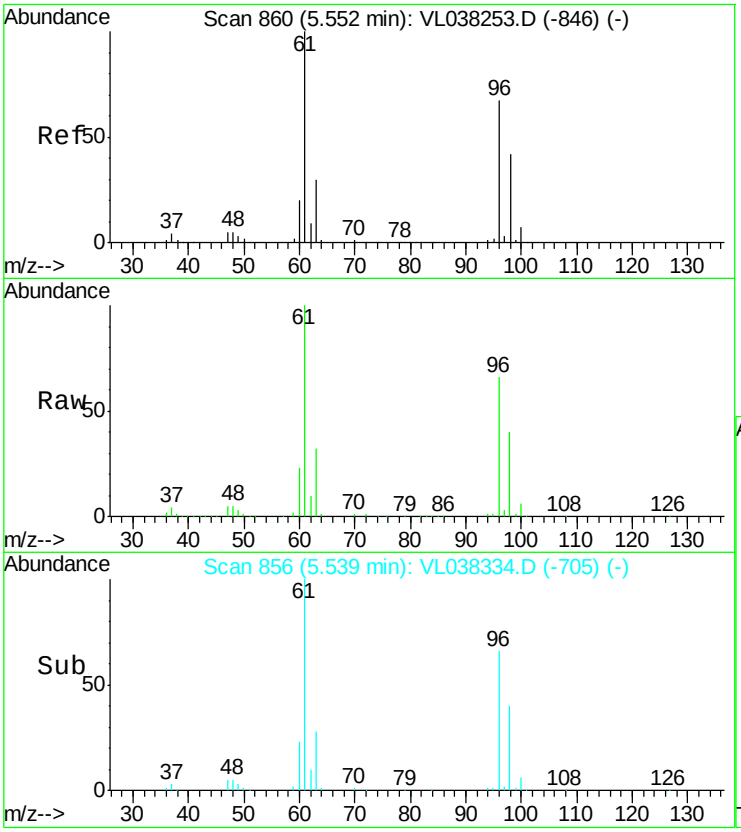




#30
Cyclohexane
Concen: 8.526 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 84 Resp: 722300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 142.3 | 112.7 | 169.1 |
| 41 | 88.5 | 71.1 | 106.7 |



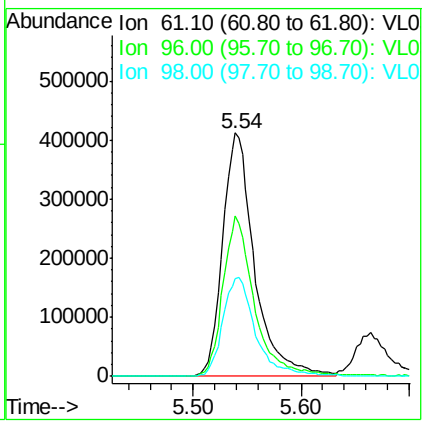


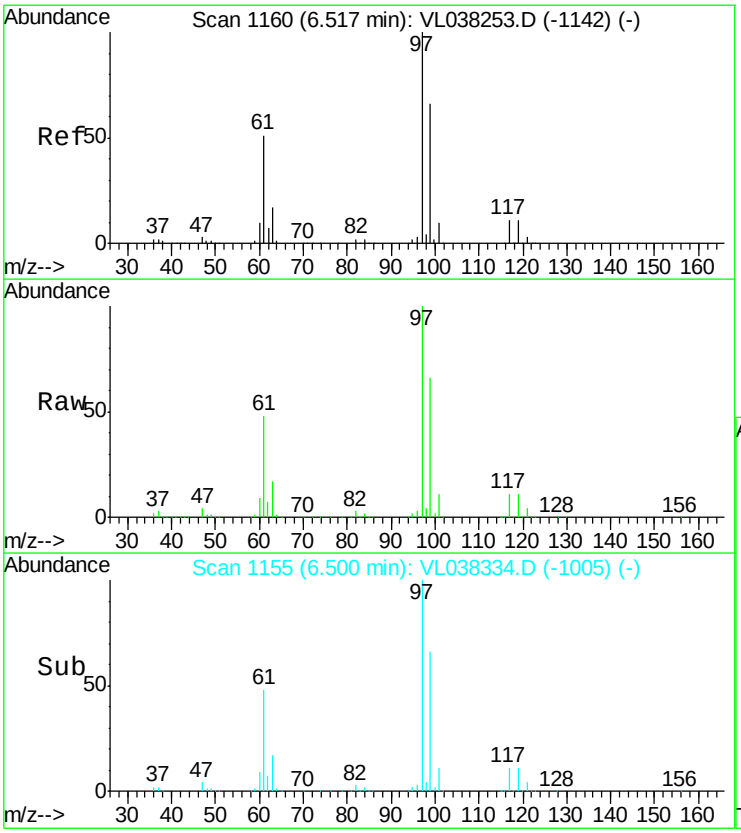

#31
cis-1,2-Dichloroethene
Concen: 10.001 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 61 Resp: 848778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 65.9 | 53.3 | 79.9 |
| 98 | 39.9 | 33.7 | 50.5 |

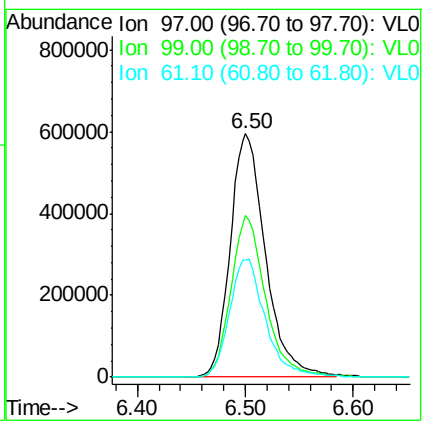


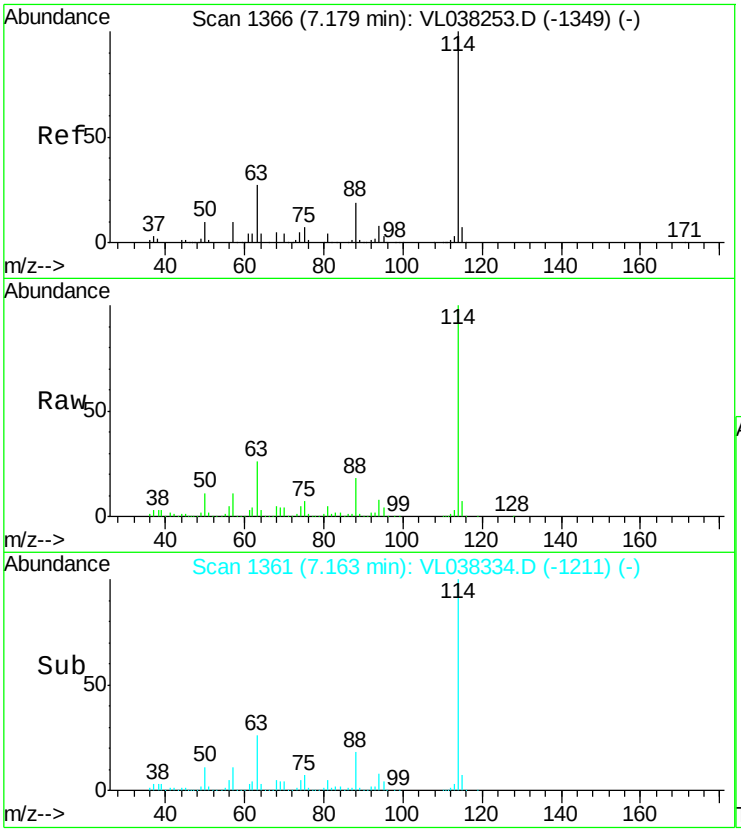




#32
1,1,1-Trichloroethane
Concen: 8.552 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 97 Resp: 1356604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.2 | 51.5 | 77.3 |
| 61 | 49.2 | 40.5 | 60.7 |



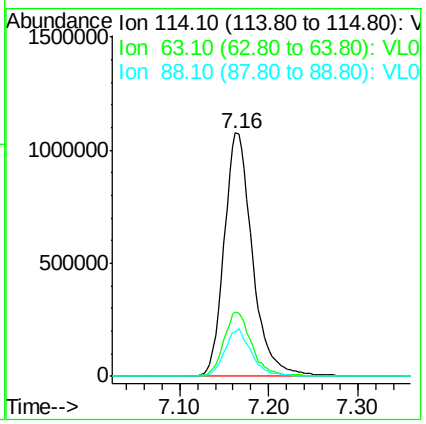


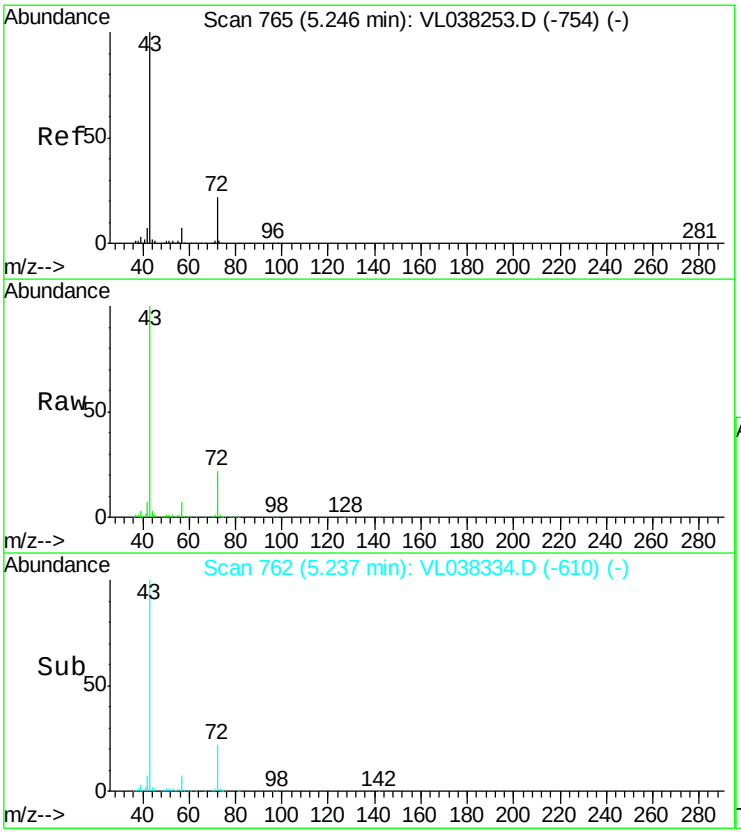

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:114 Resp: 2359568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.5 | 22.0 | 33.0 |
| 88 | 18.4 | 15.0 | 22.6 |

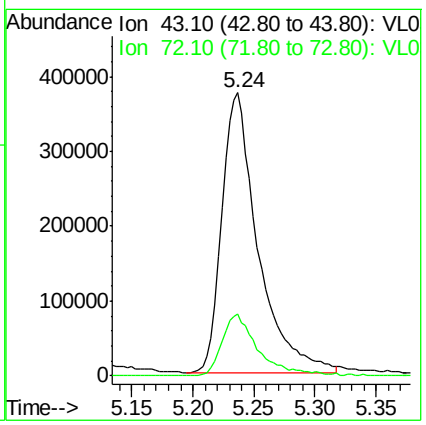


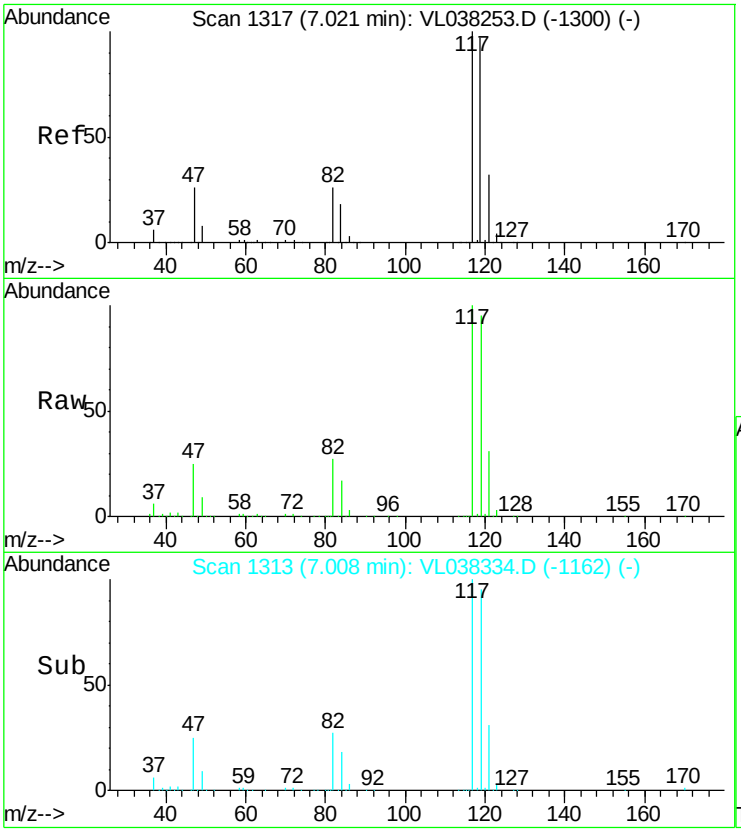




#34
2-Butanone
Concen: 10.074 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 43 Resp: 777319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.0 | 18.1 | 27.1 |



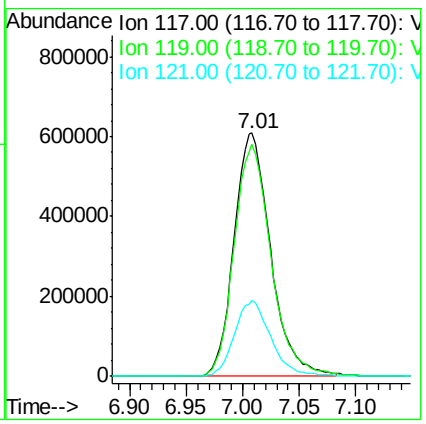


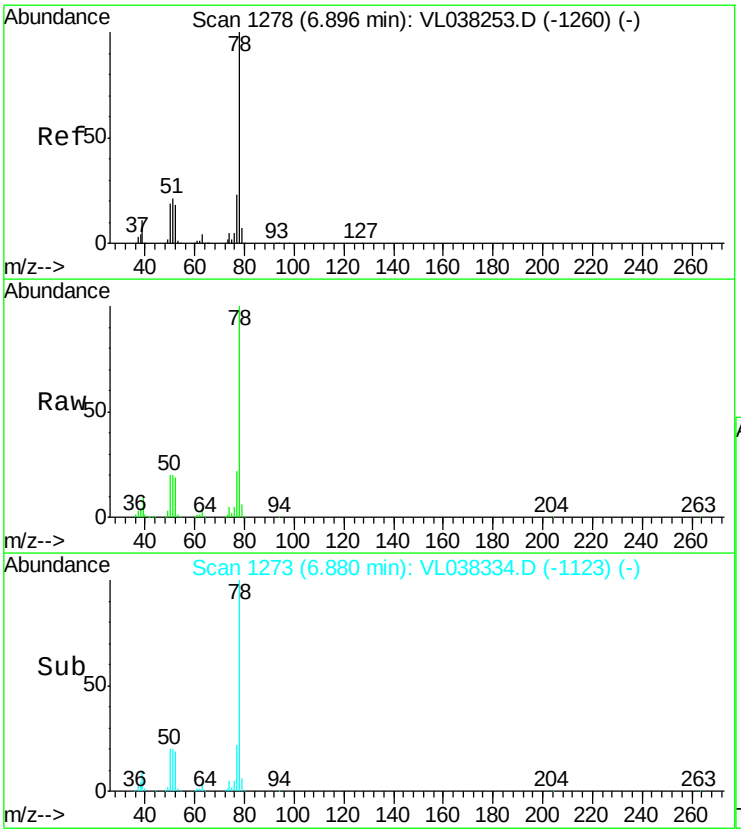

#35
Carbon Tetrachloride
Concen: 8.283 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:117 Resp: 1371875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 77.9 | 116.9 |
| 121 | 31.0 | 25.4 | 38.2 |

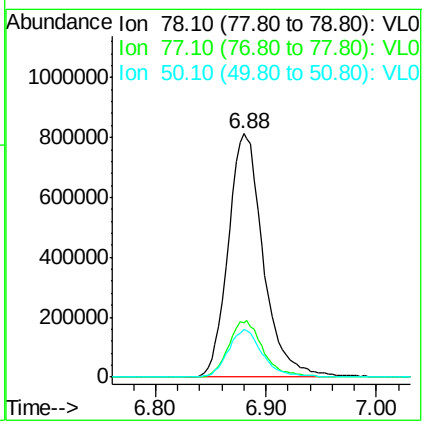


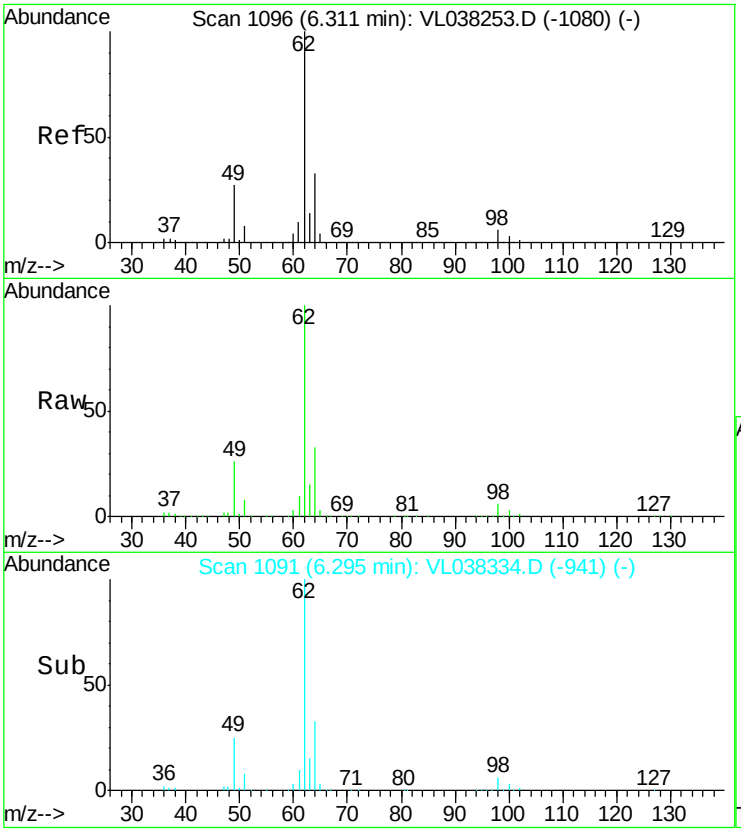




#36
Benzene
Concen: 8.554 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 78 Resp: 1785238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.4 | 18.2 | 27.2 |
| 50 | 19.8 | 15.1 | 22.7 |



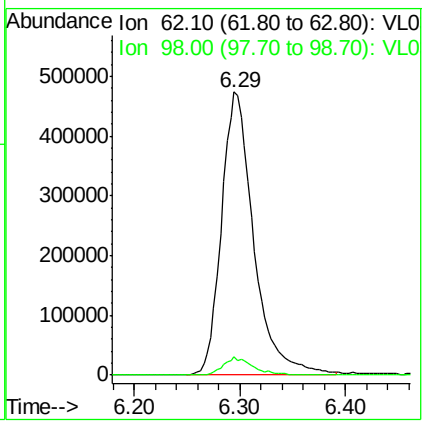


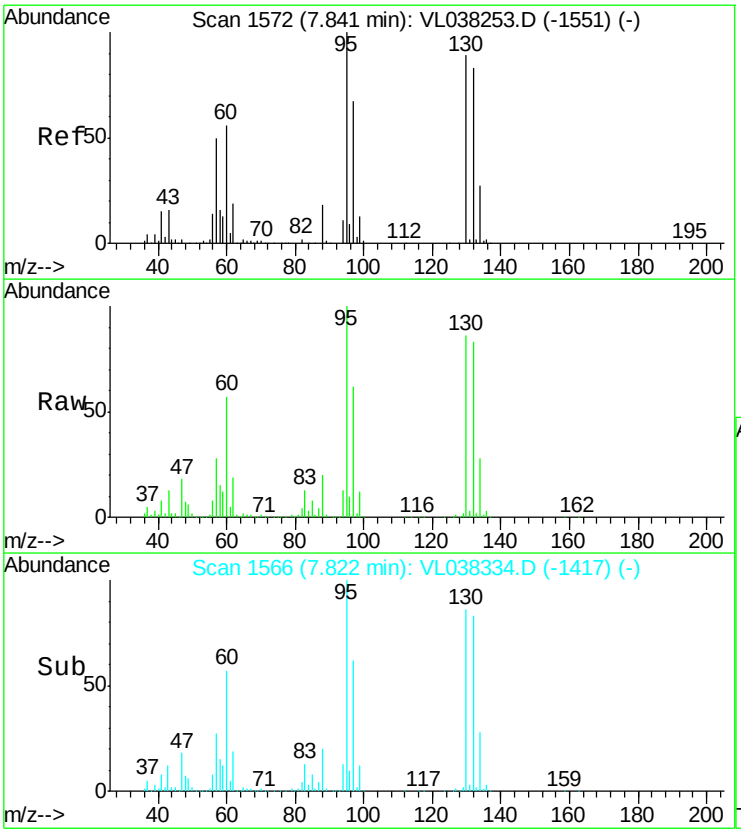

#37
1,2-Dichloroethane
Concen: 8.387 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 62 Resp: 1002653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.0 | 4.5 | 6.7 |

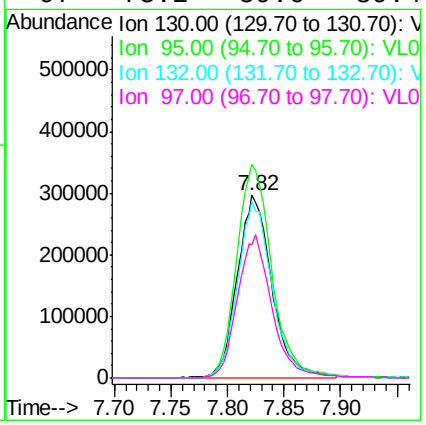


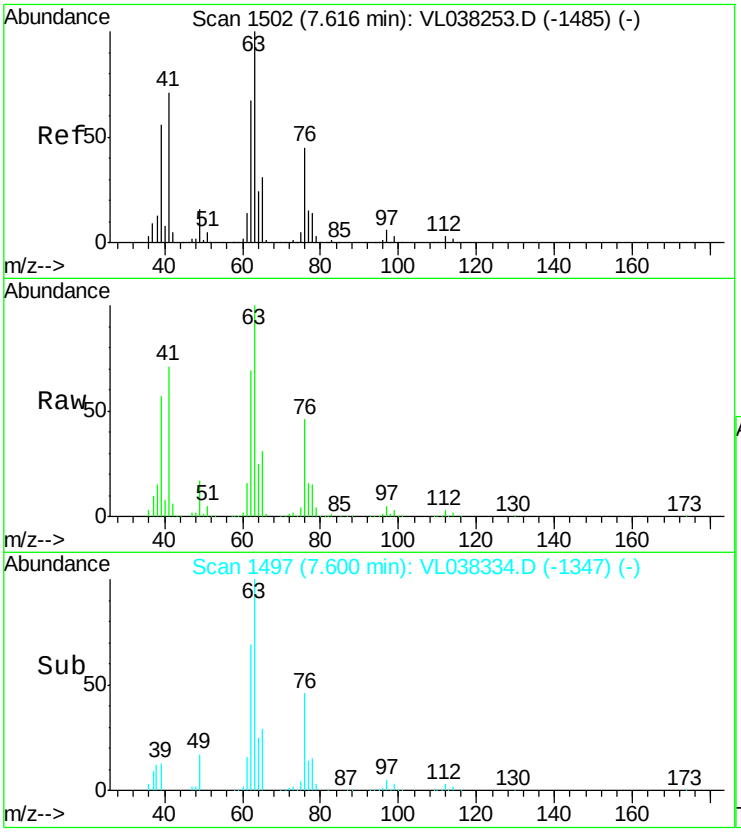




#38
Trichloroethene
Concen: 8.032 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:130 Resp: 624485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 117.2 | 89.4 | 134.2 |
| 132 | 97.0 | 74.6 | 111.8 |
| 97 | 73.2 | 59.6 | 89.4 |



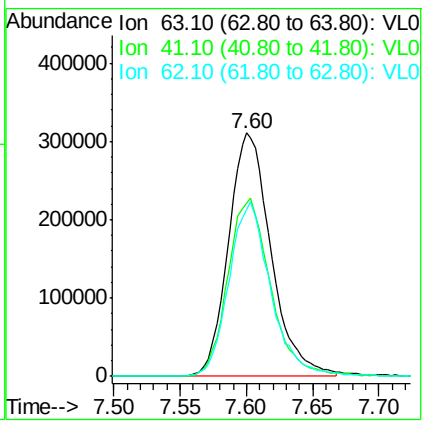


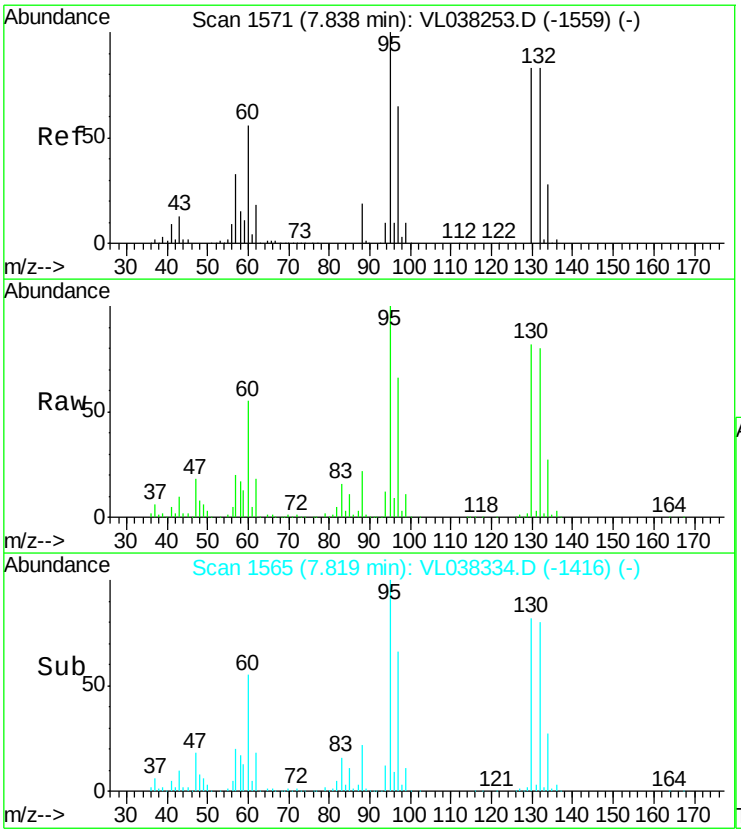

#39
1,2-Dichloropropane
Concen: 8.144 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 63 Resp: 689102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 71.2 | 56.6 | 85.0 |
| 62 | 68.4 | 53.9 | 80.9 |

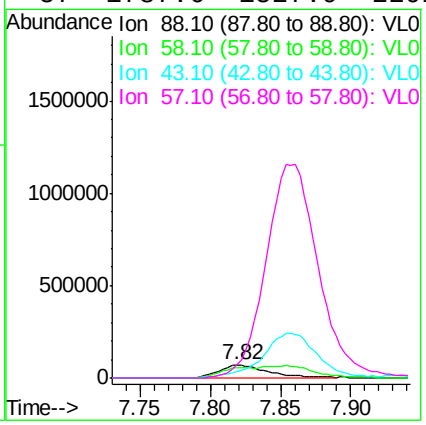


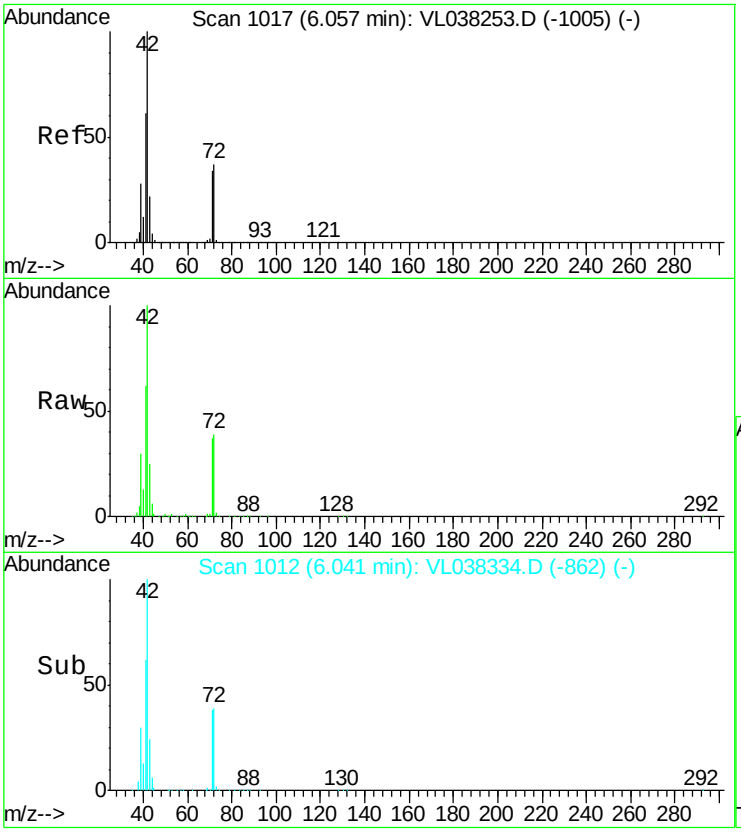




#40
1,4-Dioxane
Concen: 8.276 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 88 Resp: 168544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 161.7 | 138.6 | 208.0 |
| 43 | 401.1 | 346.9 | 520.3 |
| 57 | 1787.6 | 1527.9 | 2291.9 |



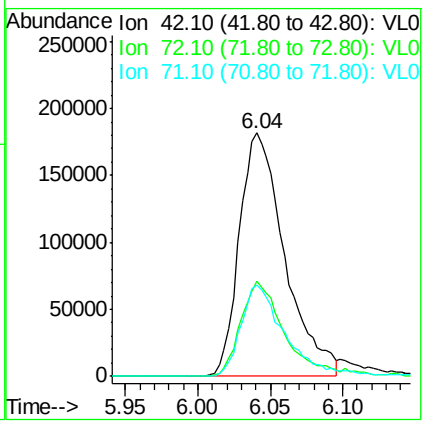


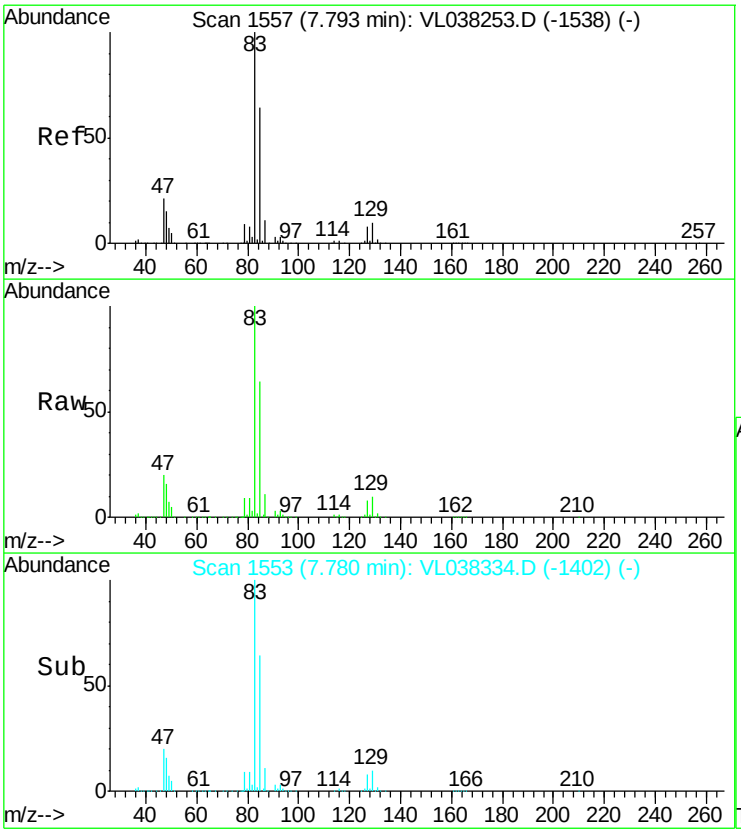

#41
Tetrahydrofuran
Concen: 7.637 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 42 Resp: 396143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.7 | 29.7 | 44.5 |
| 71 | 37.2 | 29.4 | 44.2 |

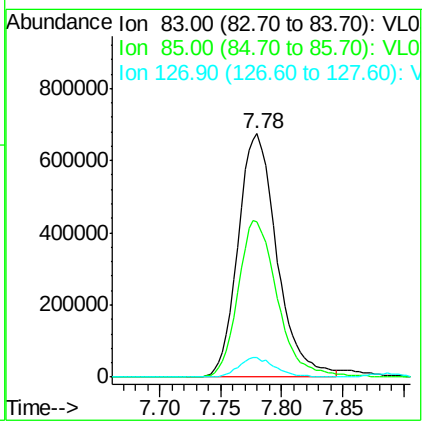


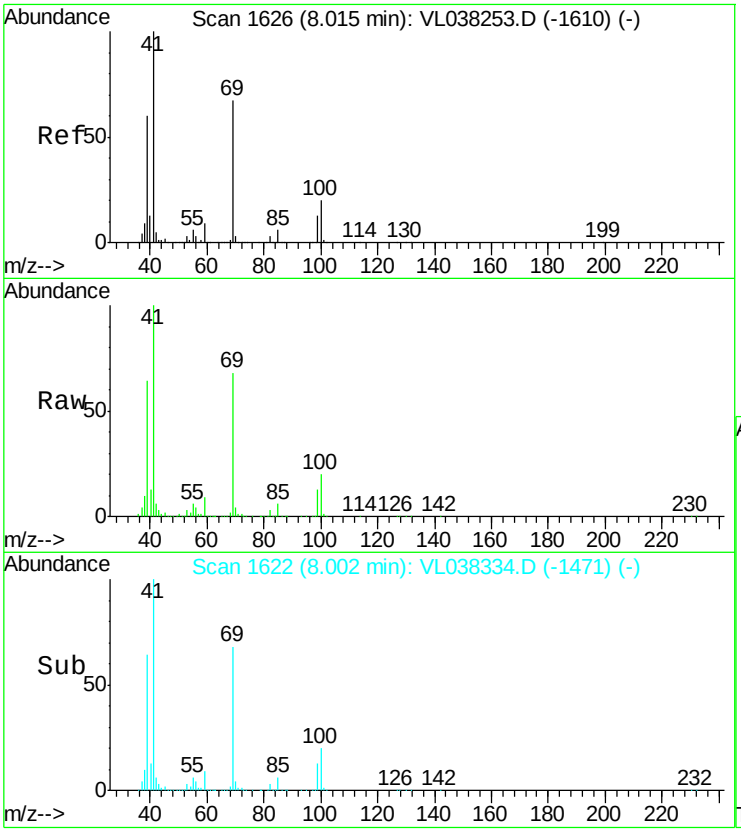




#42
Bromodichloromethane
Concen: 8.384 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 83 Resp: 1486964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.0 | 51.5 | 77.3 |
| 127 | 7.9 | 6.2 | 9.4 |



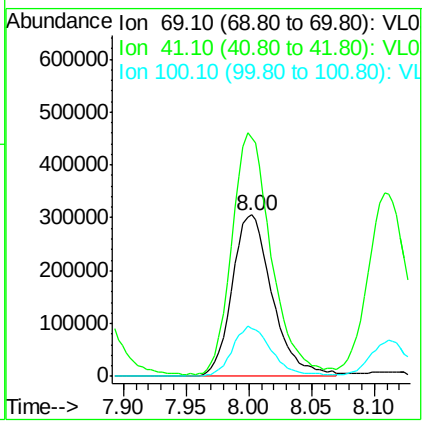


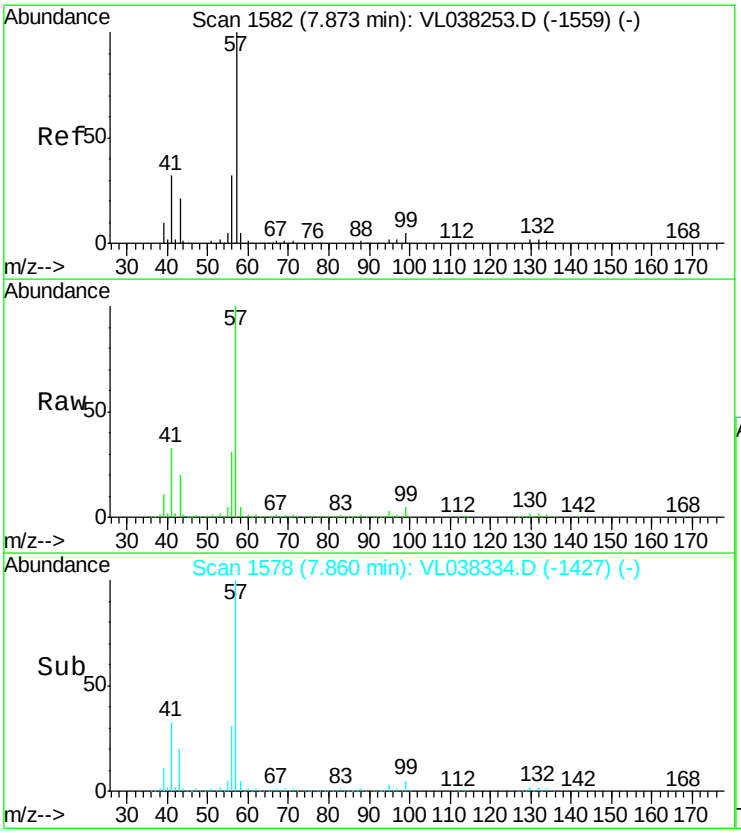

#43
Methyl Methacrylate
Concen: 9.221 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 69 Resp: 680762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 149.2 | 120.9 | 181.3 |
| 100 | 30.3 | 23.4 | 35.0 |

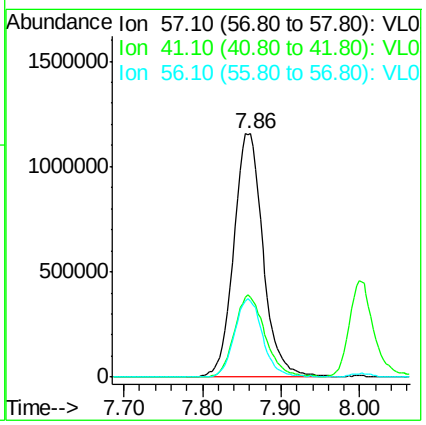


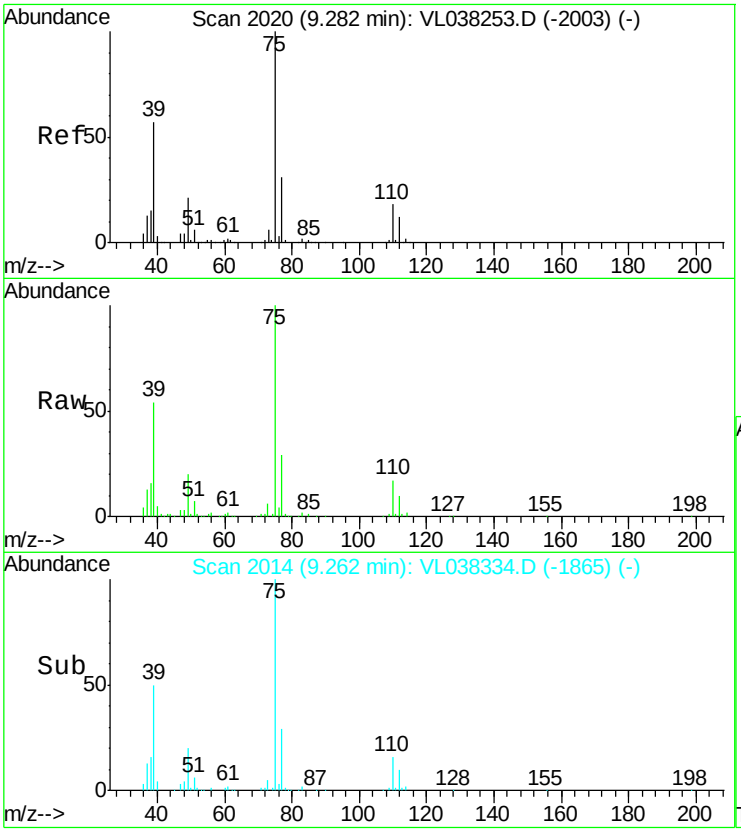




#44
2,2,4-Trimethylpentane
Concen: 8.187 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 57 Resp: 3011479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 35.2 | 26.3 | 39.5 |
| 56 | 31.3 | 25.2 | 37.8 |



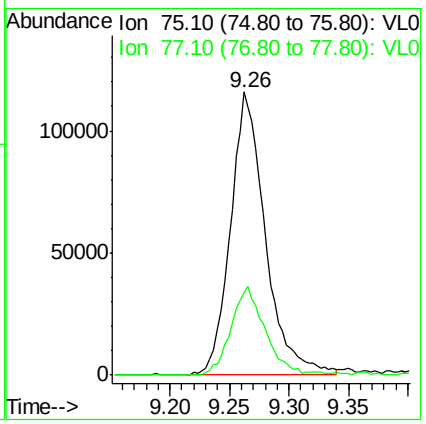


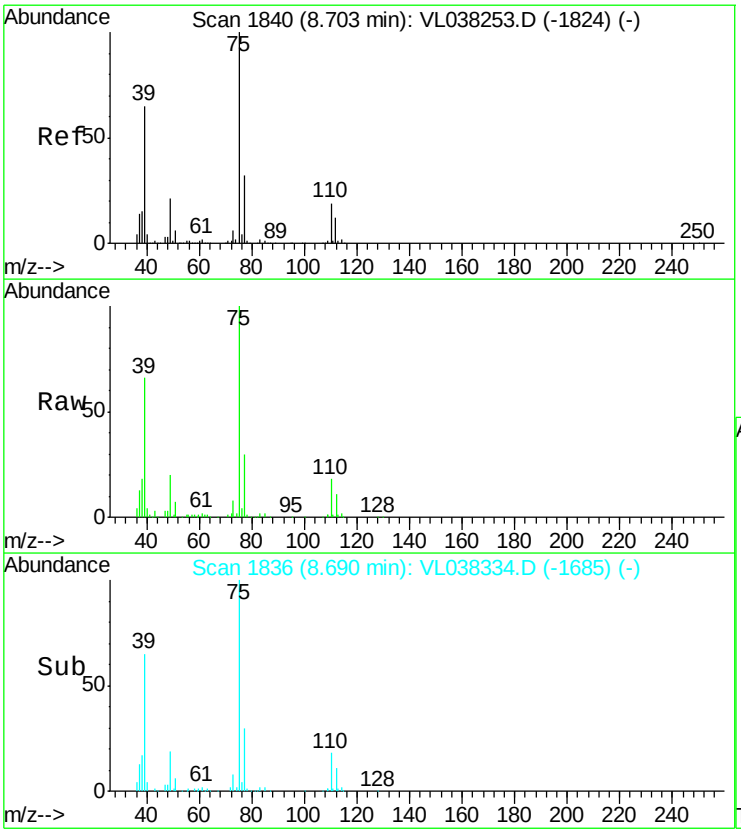

#45
t-1,3-Dichloropropene
Concen: 3.925 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 75 Resp: 235432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.0 | 24.9 | 37.3 |

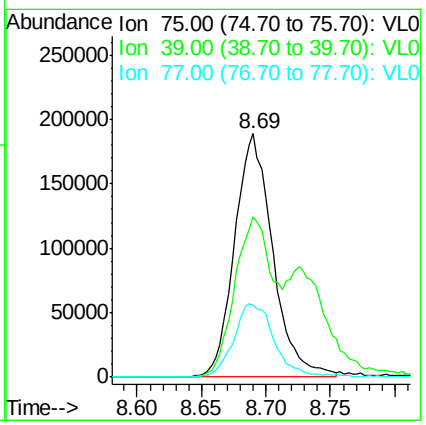


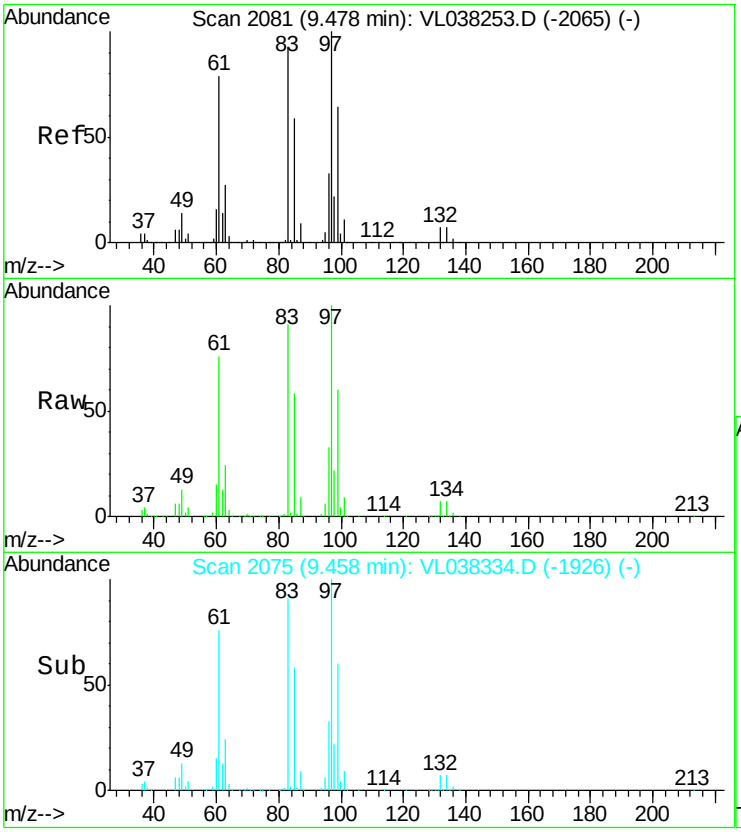




#46
cis-1,3-Dichloropropene
Concen: 4.870 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 75 Resp: 389754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 65.9 | 52.3 | 78.5 |
| 77 | 29.9 | 25.4 | 38.0 |



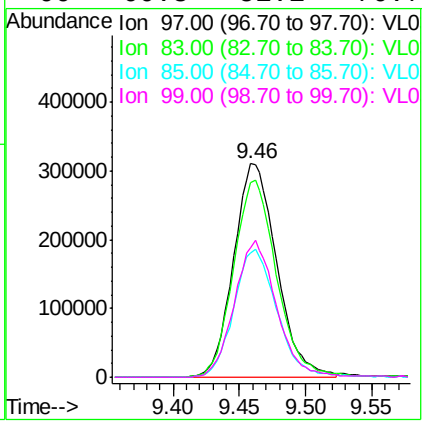


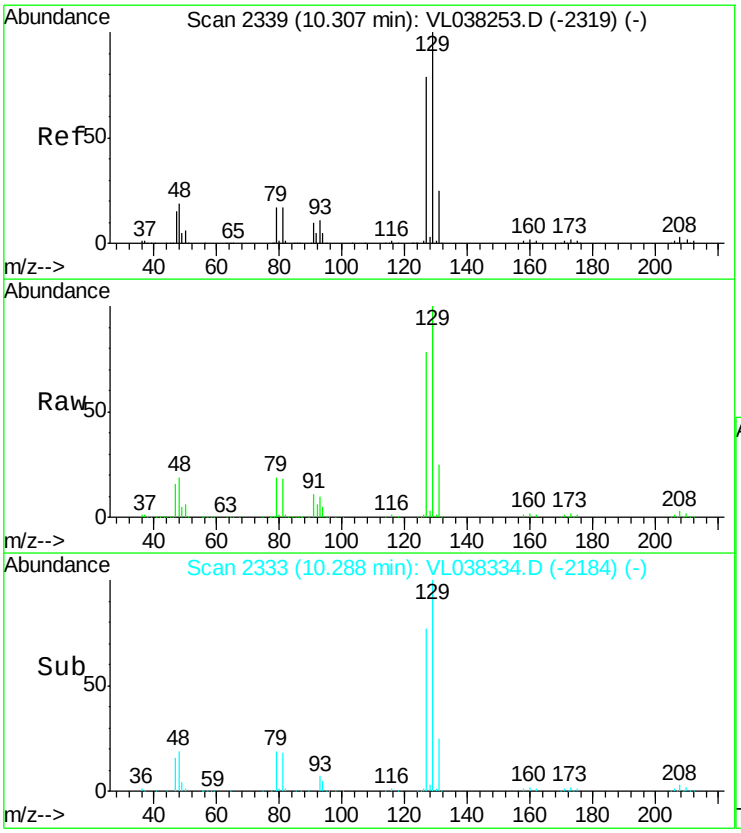

#47
1,1,2-Trichloroethane
Concen: 8.452 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 97 Resp: 702727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 91.2 | 74.3 | 111.5 |
| 85 | 58.1 | 47.5 | 71.3 |
| 99 | 60.3 | 51.1 | 76.7 |

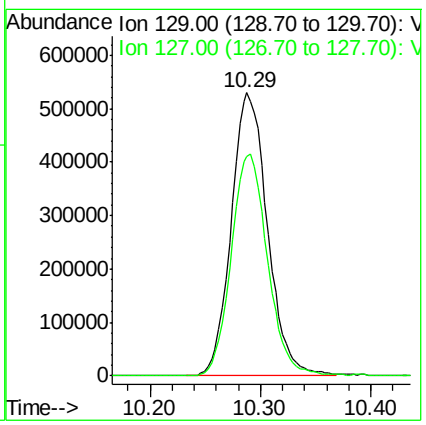


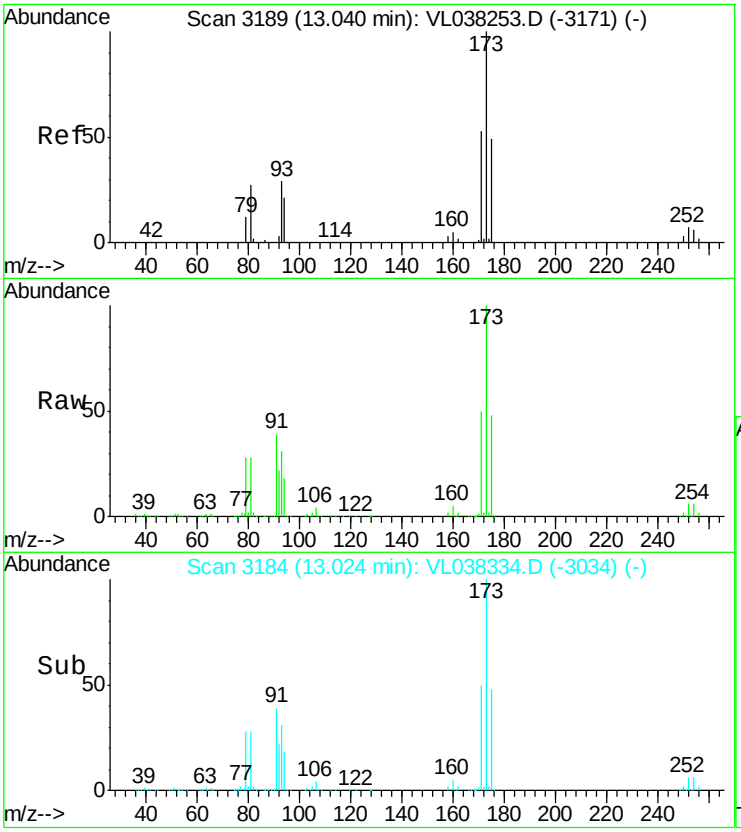




#48
Dibromochloromethane
Concen: 8.613 ppbv
RT: 10.29 min Scan# 2333
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:129 Resp: 1205662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.0 | 39.1 | 117.3 |



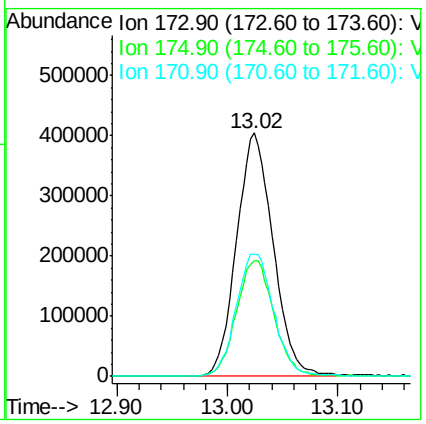


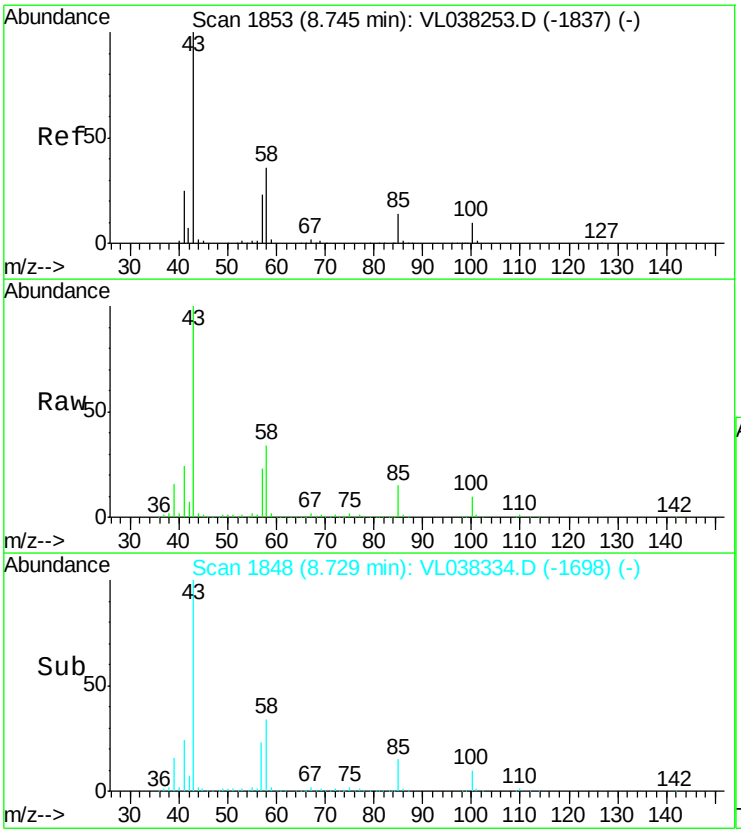

#49
Bromoform
Concen: 9.216 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:173 Resp: 929977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 39.7 | 59.5 |
| 171 | 52.4 | 42.1 | 63.1 |

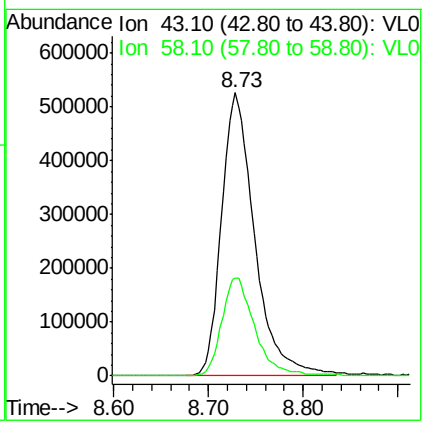


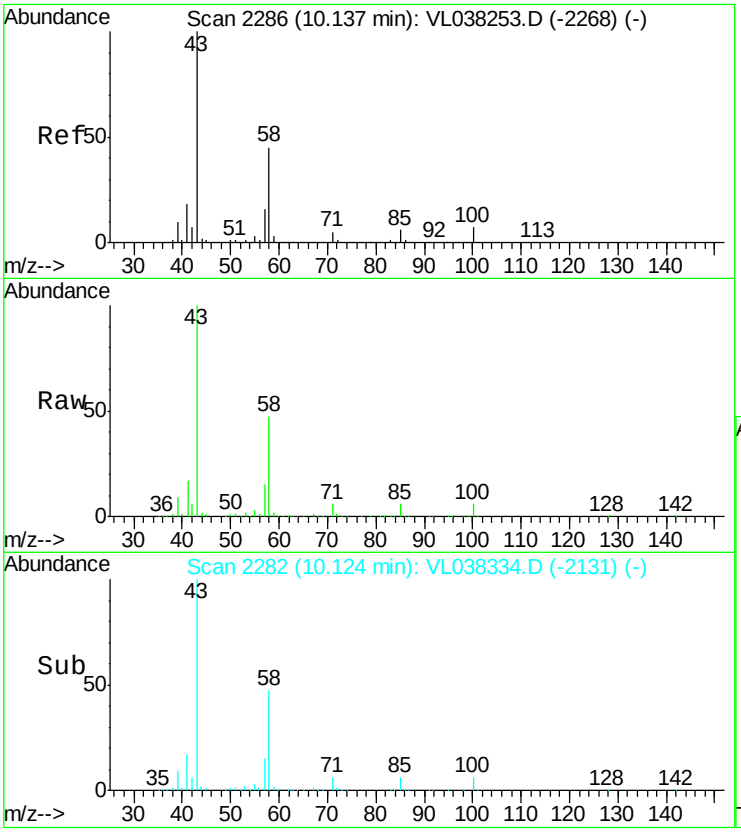




#50
4-Methyl-2-Pentanone
Concen: 9.304 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 43 Resp: 1280746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.8 | 28.2 | 42.4 |



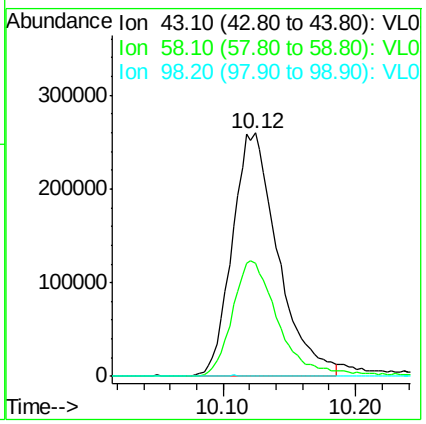


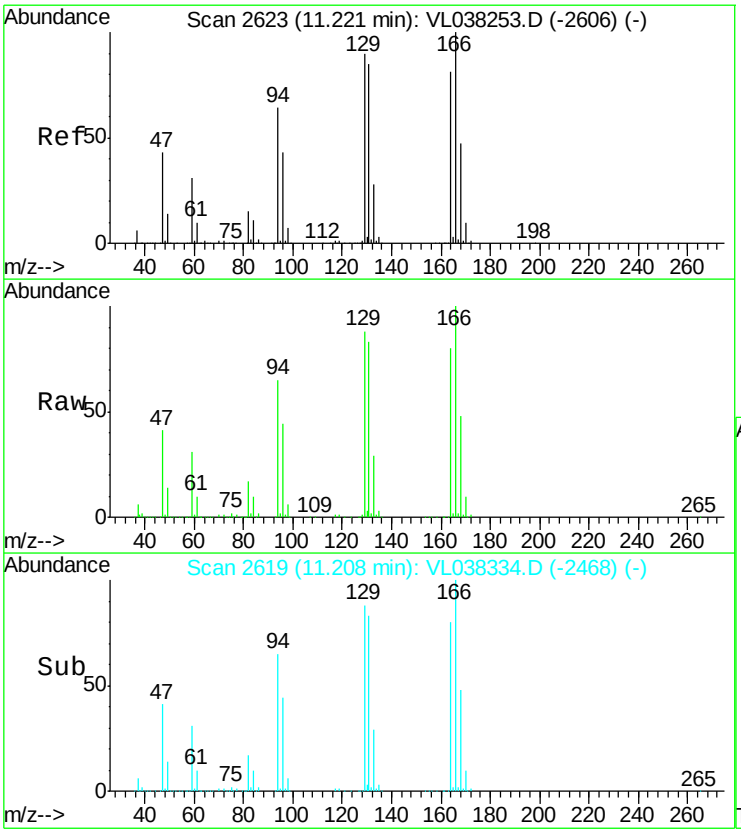

#51
2-Hexanone
Concen: 10.262 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 43 Resp: 622115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 48.5 | 37.0 | 55.4 |
| 98 | 0.2 | 0.2 | 0.2 |

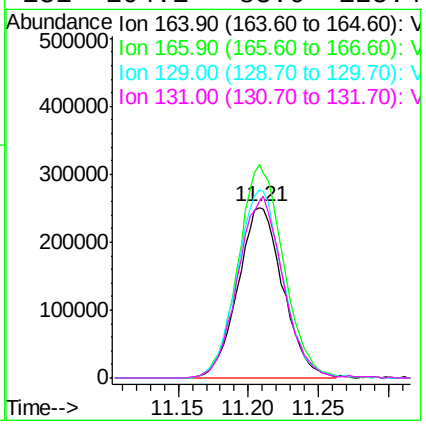


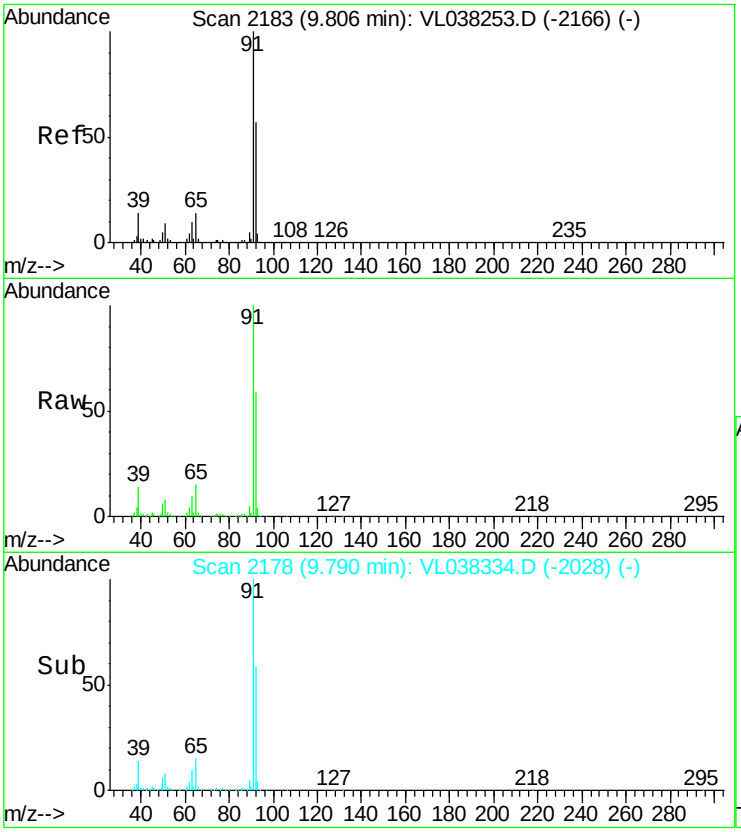




#52
Tetrachloroethene
Concen: 7.802 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:164 Resp: 561255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.3 | 98.8 | 148.2 |
| 129 | 110.4 | 89.2 | 133.8 |
| 131 | 104.1 | 83.6 | 125.4 |



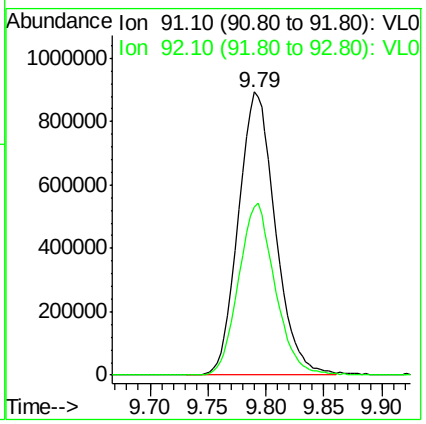


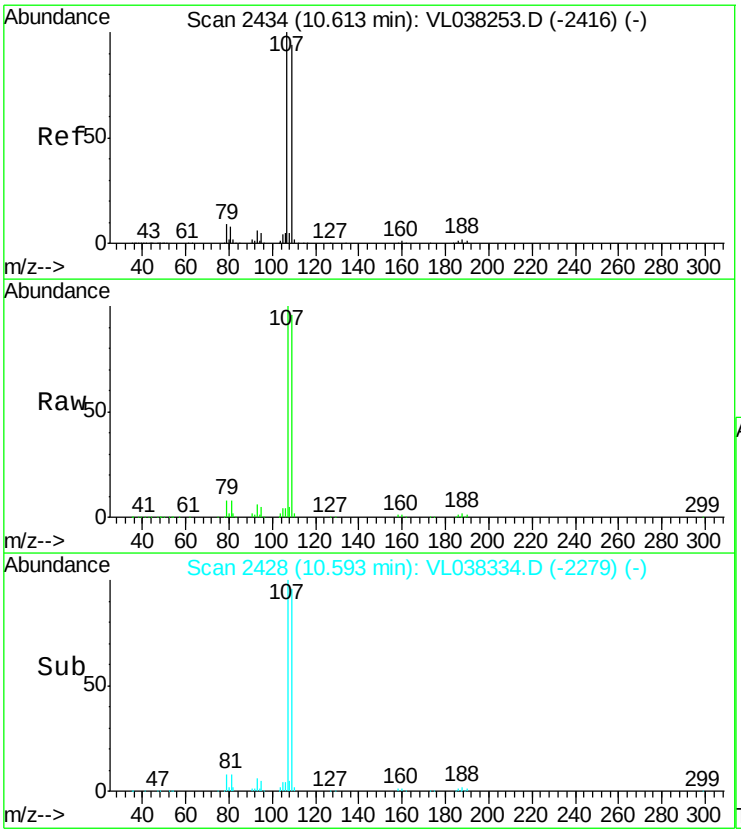

#53
Toluene
Concen: 8.597 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 91 Resp: 1986017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.1 | 47.4 | 71.0 |

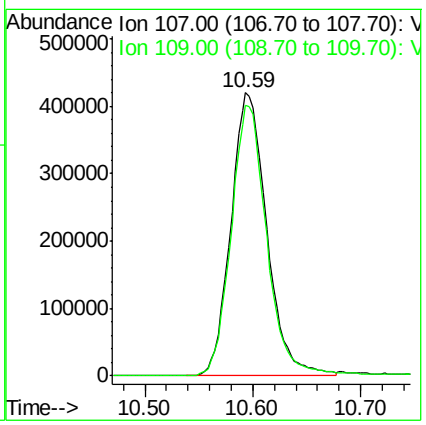


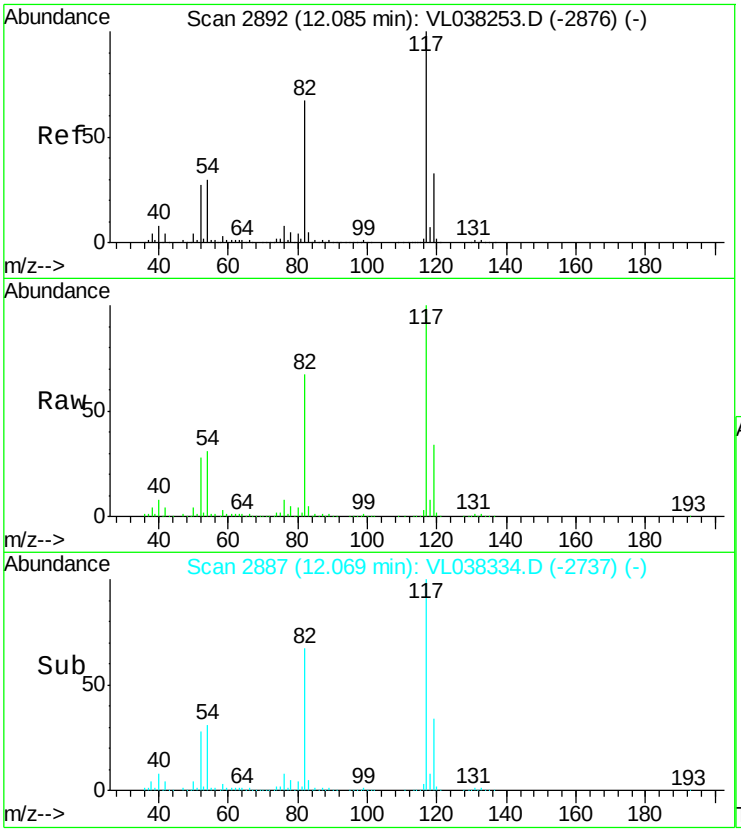




#54
1,2-Dibromoethane
Concen: 8.220 ppbv
RT: 10.59 min Scan# 2428
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:107 Resp: 971613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.7 | 75.4 | 113.0 |



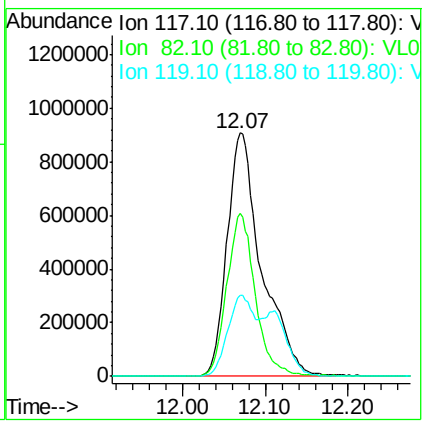


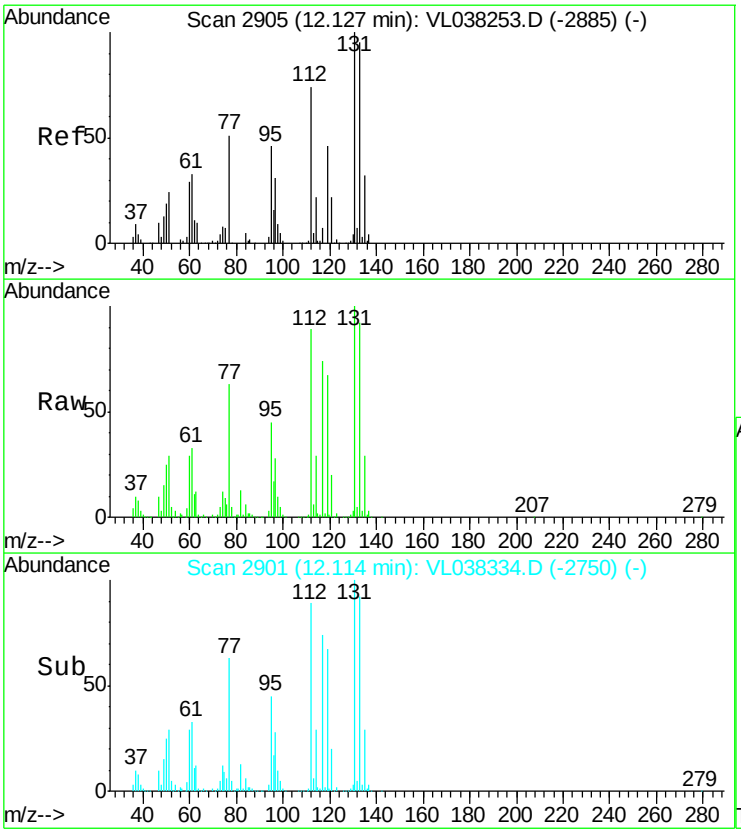

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:117 Resp: 2641153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.4 | 54.4 | 81.6 |
| 119 | 45.6 | 45.9 | 68.9# |

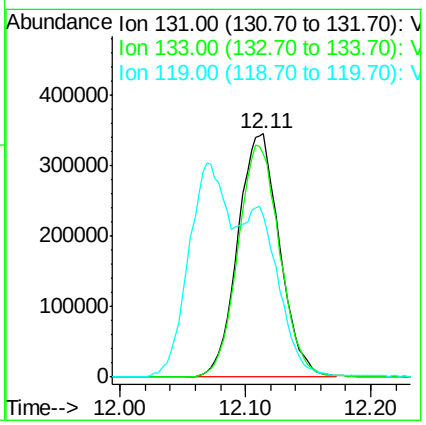


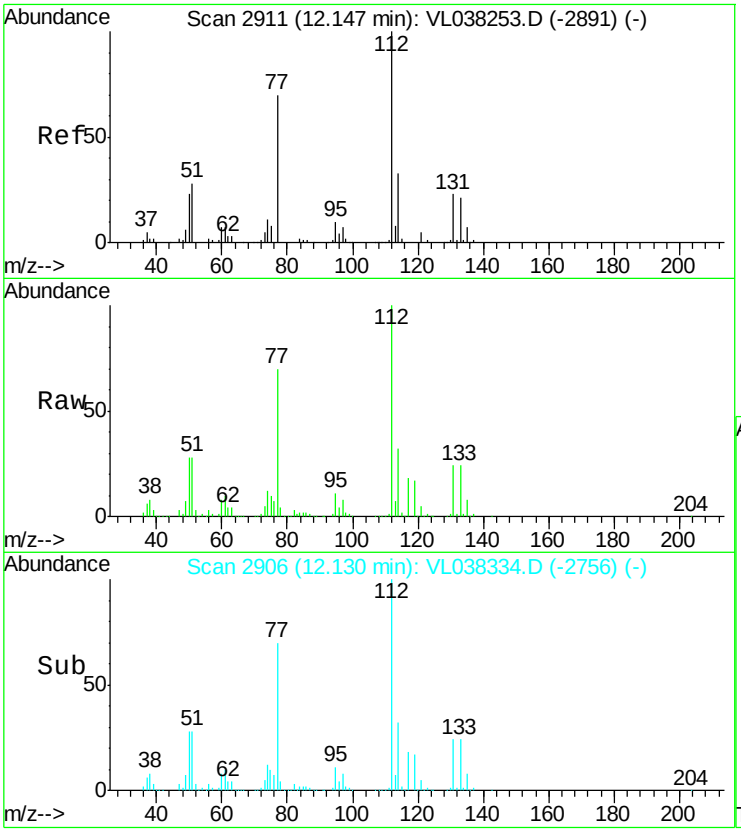




#56
1,1,1,2-Tetrachloroethane
Concen: 6.936 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:131 Resp: 801792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.8 | 76.0 | 114.0 |
| 119 | 150.4 | 53.0 | 79.4# |



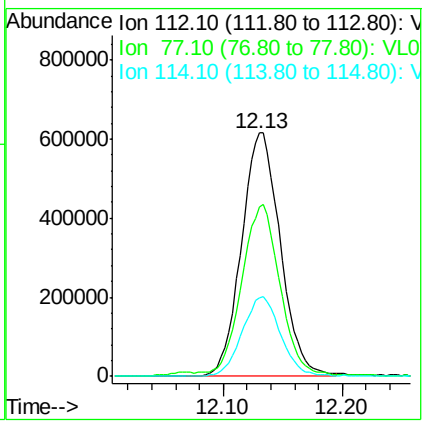


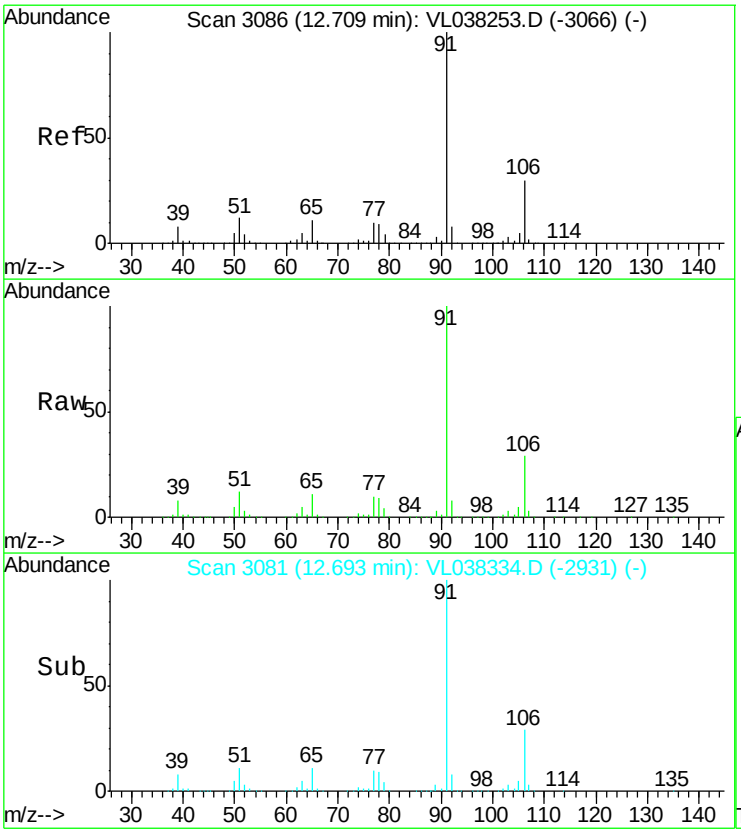

#57
Chlorobenzene
Concen: 6.587 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:112 Resp: 1392177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 68.8 | 55.9 | 83.9 |
| 114 | 31.9 | 29.3 | 35.9 |

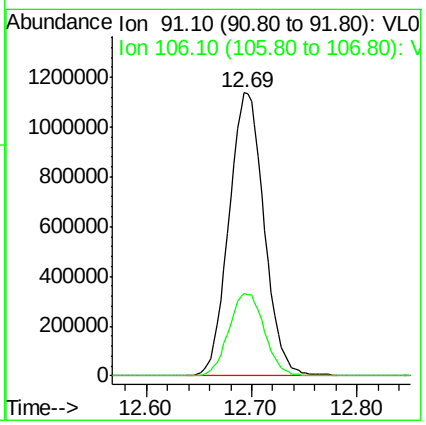


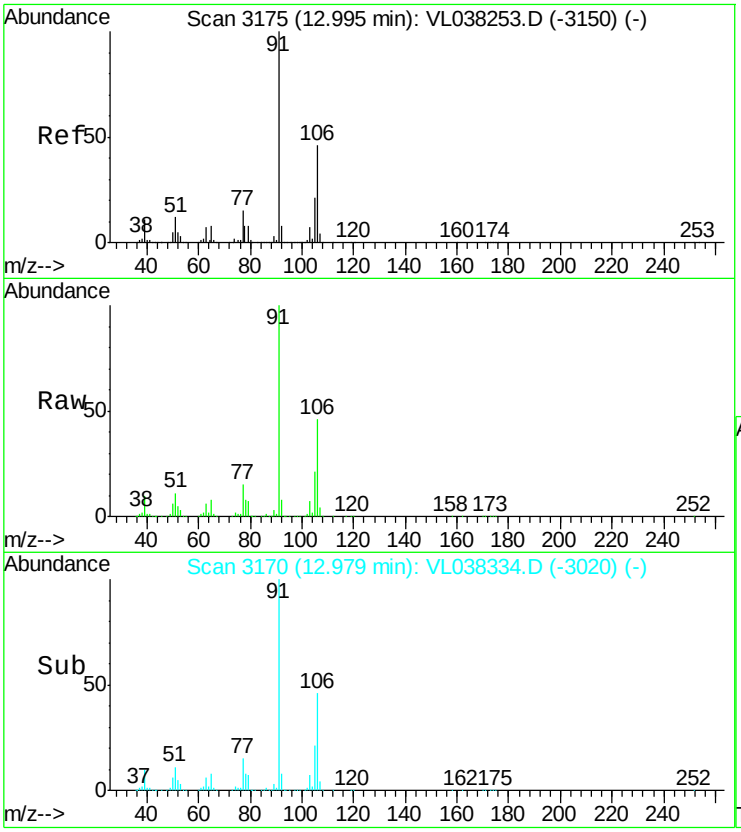




#58
Ethyl Benzene
Concen: 6.782 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 91 Resp: 2632649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.2 | 24.1 | 36.1 |



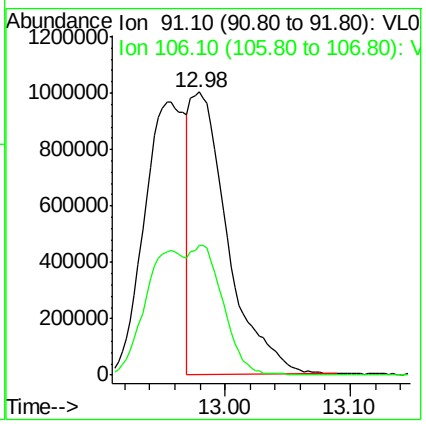


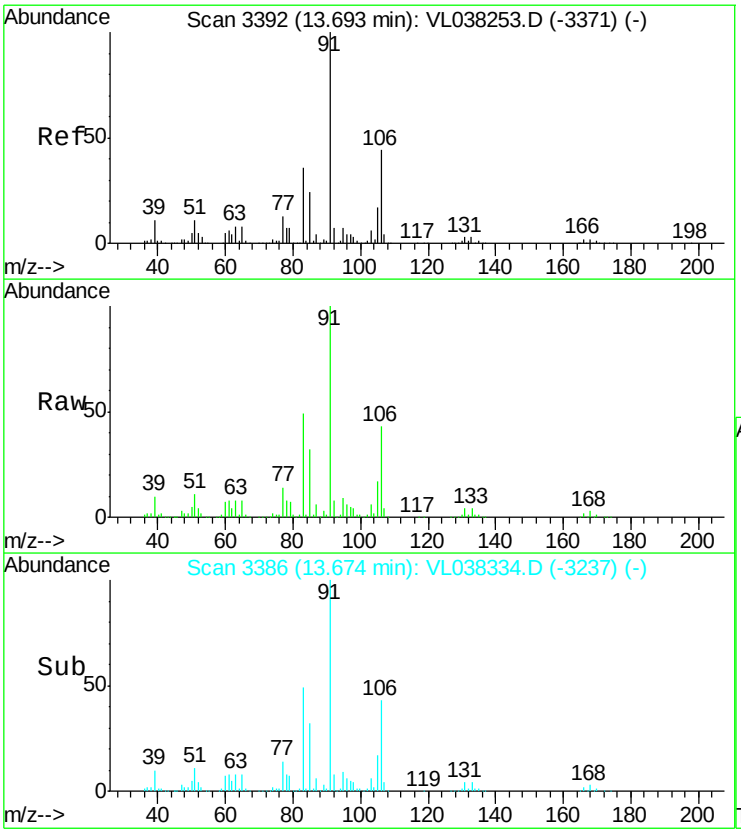

#59
m/p-Xylene
Concen: 6.277 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 91 Resp: 2078643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 88.6 | 34.8 | 52.2# |

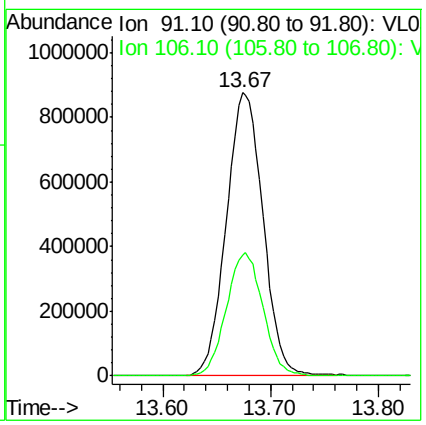


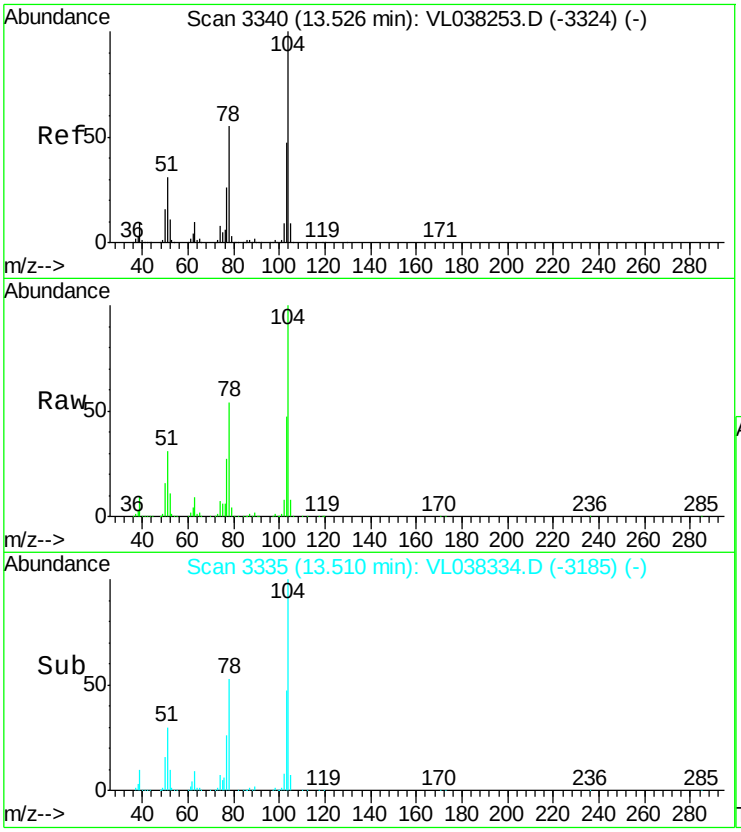




#60
o-Xylene
Concen: 6.667 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 91 Resp: 2053385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 43.6 | 22.2 | 66.6 |



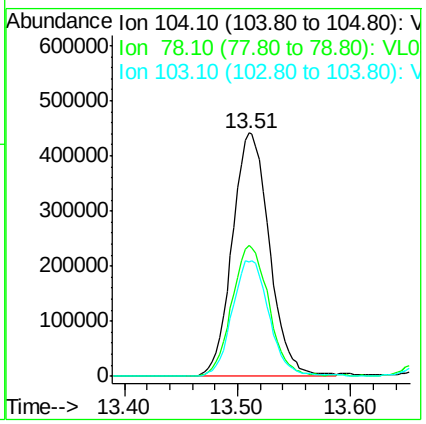


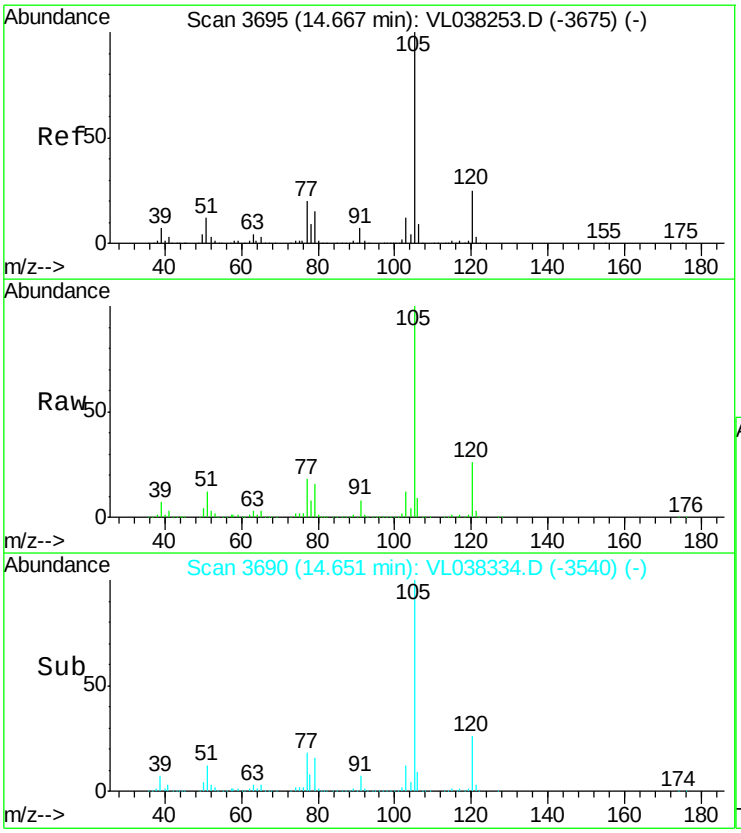

#61
Styrene
Concen: 7.022 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:104 Resp: 1009403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.0 | 44.2 | 66.4 |
| 103 | 47.4 | 38.2 | 57.4 |

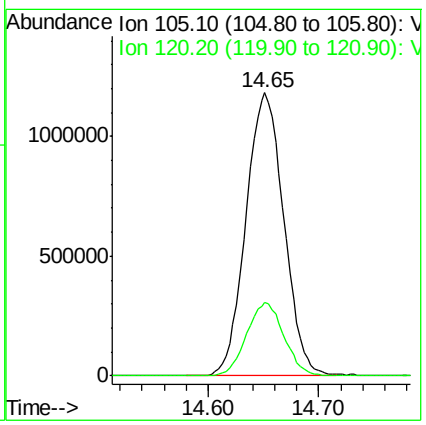


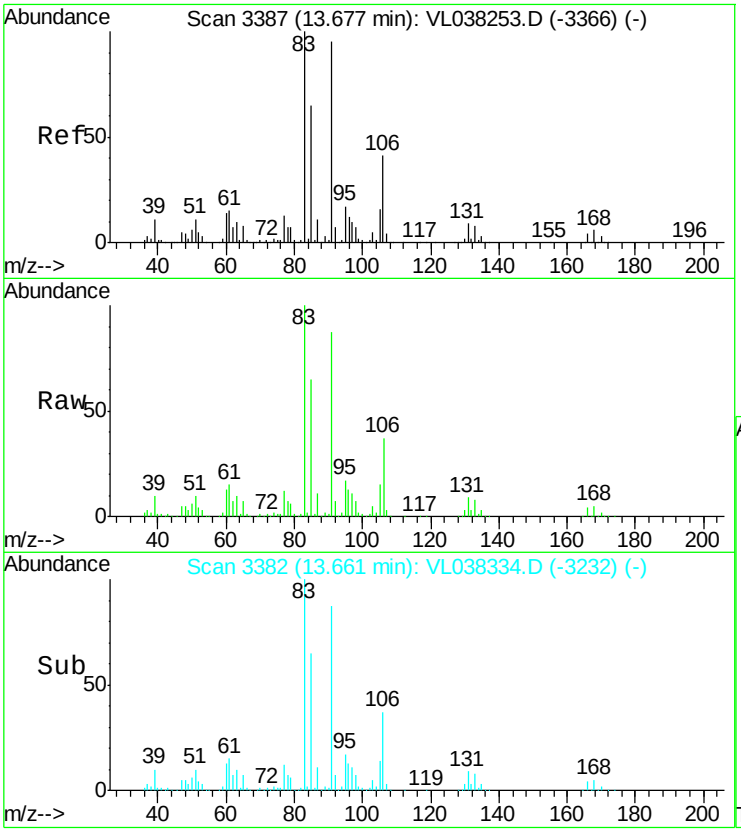




#62
Isopropylbenzene
Concen: 6.852 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:105 Resp: 2813494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.7 | 20.5 | 30.7 |



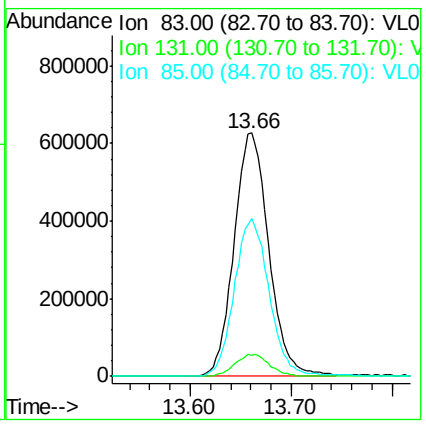


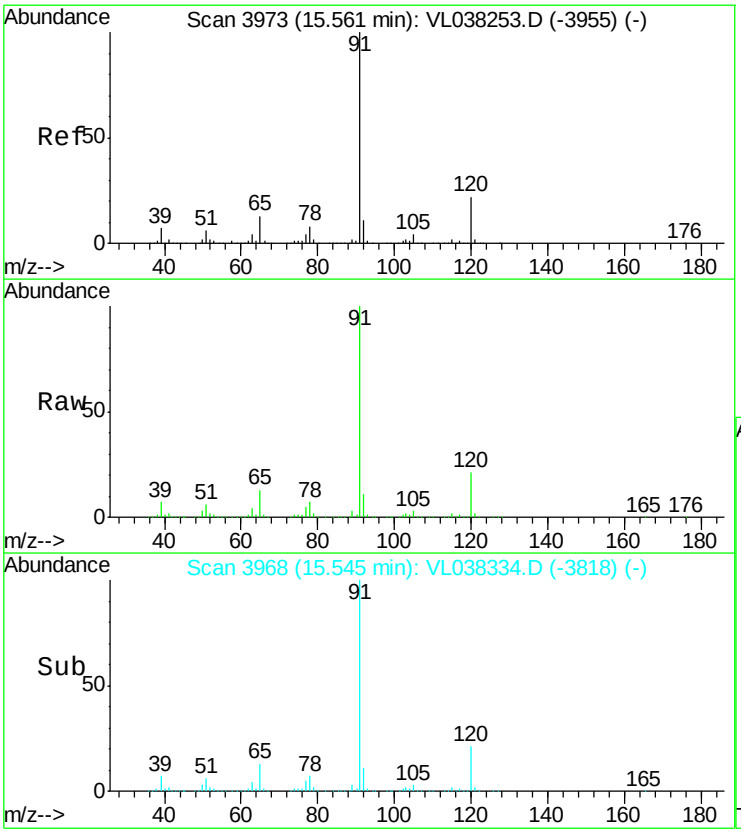

#63
1,1,2,2-Tetrachloroethane
Concen: 6.581 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 83 Resp: 1499859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.2 | 4.5 | 13.5 |
| 85 | 65.5 | 32.8 | 98.4 |

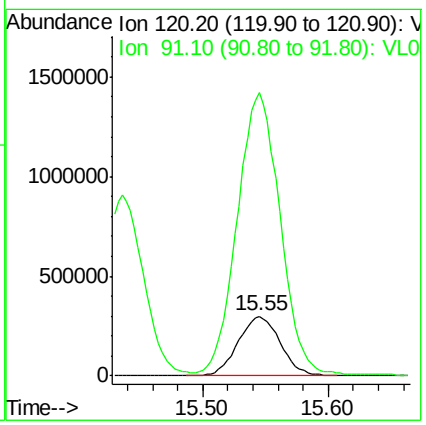


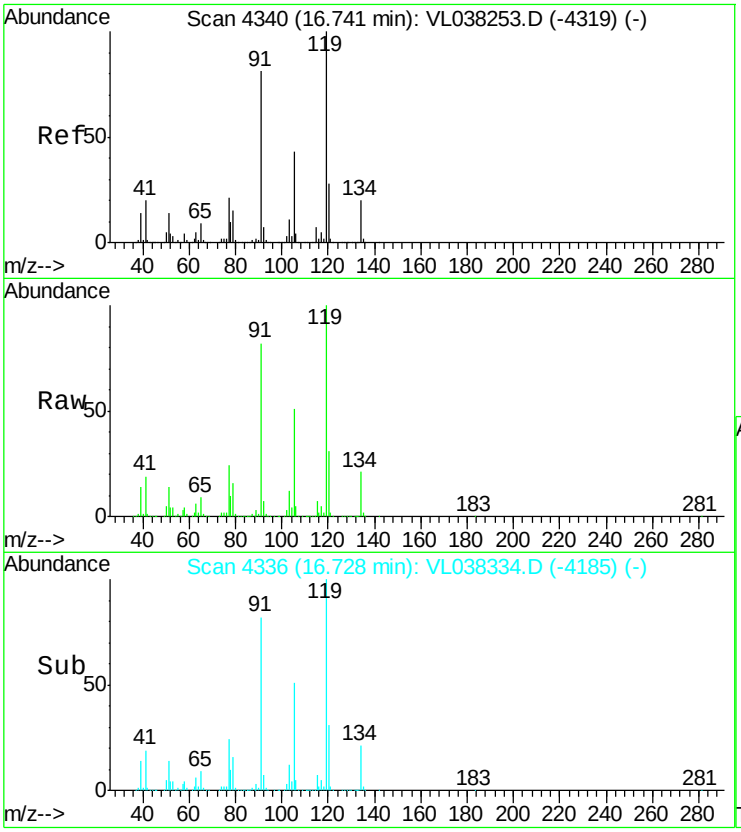




#64
n-propylbenzene
Concen: 7.060 ppbv
RT: 15.55 min Scan# 3968
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:120 Resp: 697342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 488.6 | 390.8 | 586.2 |



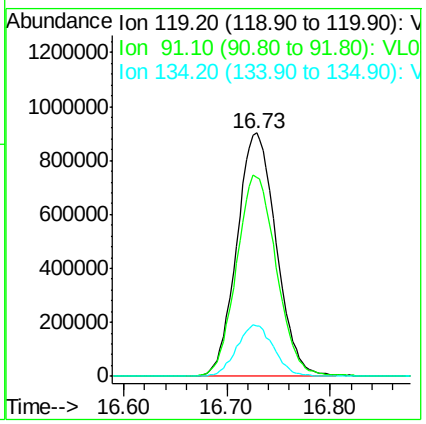


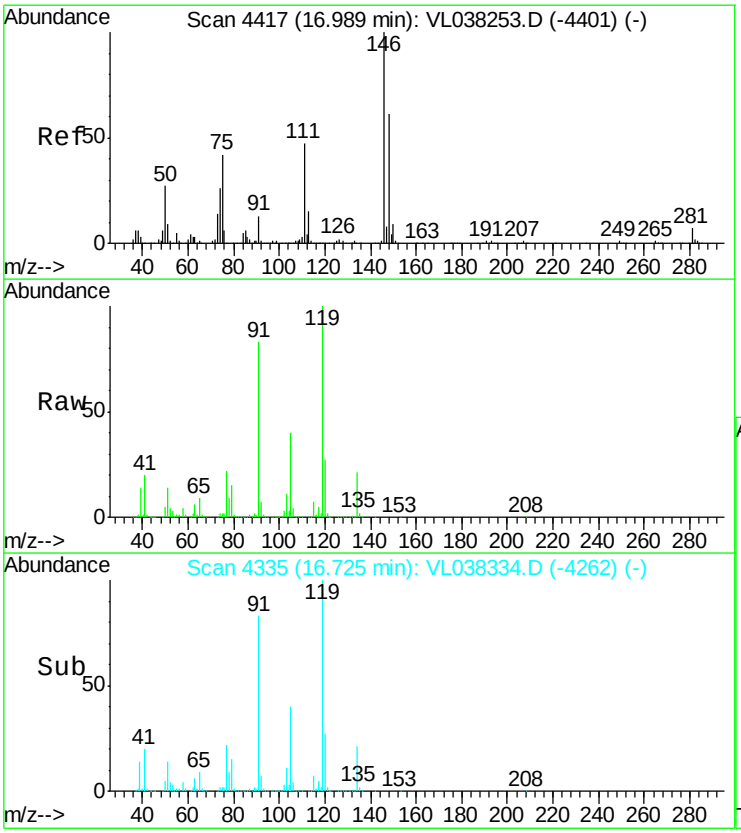

#65
tert-Butylbenzene
Concen: 7.080 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:119 Resp: 2394238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 83.9 | 66.6 | 100.0 |
| 134 | 19.9 | 15.8 | 23.6 |

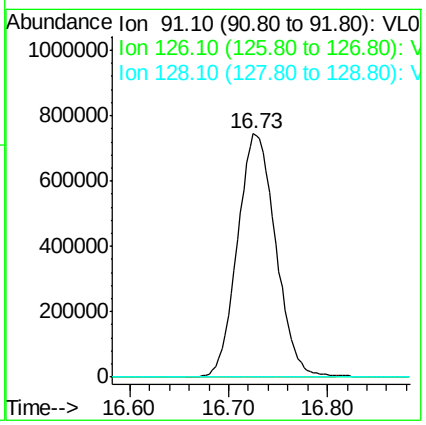


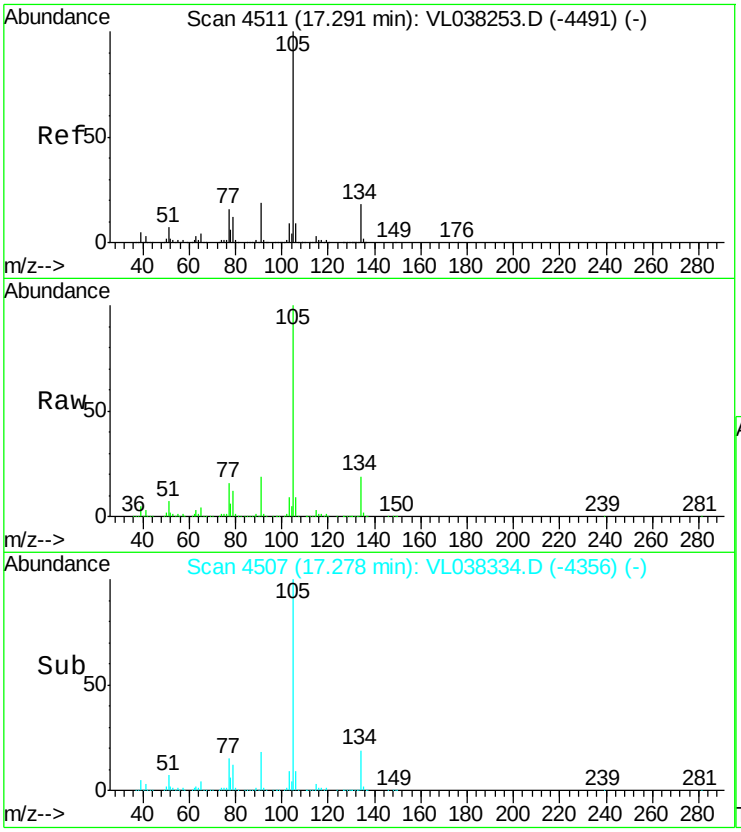




#66
Benzyl Chloride
Concen: 129.775 ppbv
RT: 16.73 min Scan# 4335
Delta R.T. -0.26 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 91 Resp: 1993674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 12.6 | 18.8# |
| 128 | 0.3 | 4.3 | 6.5# |



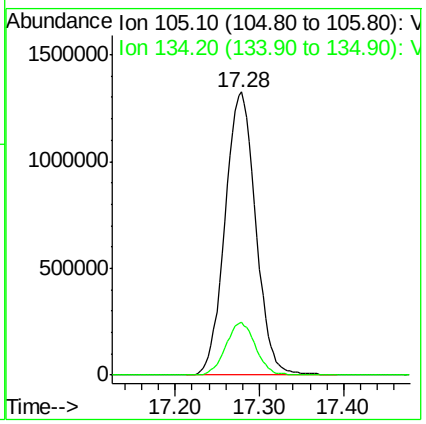


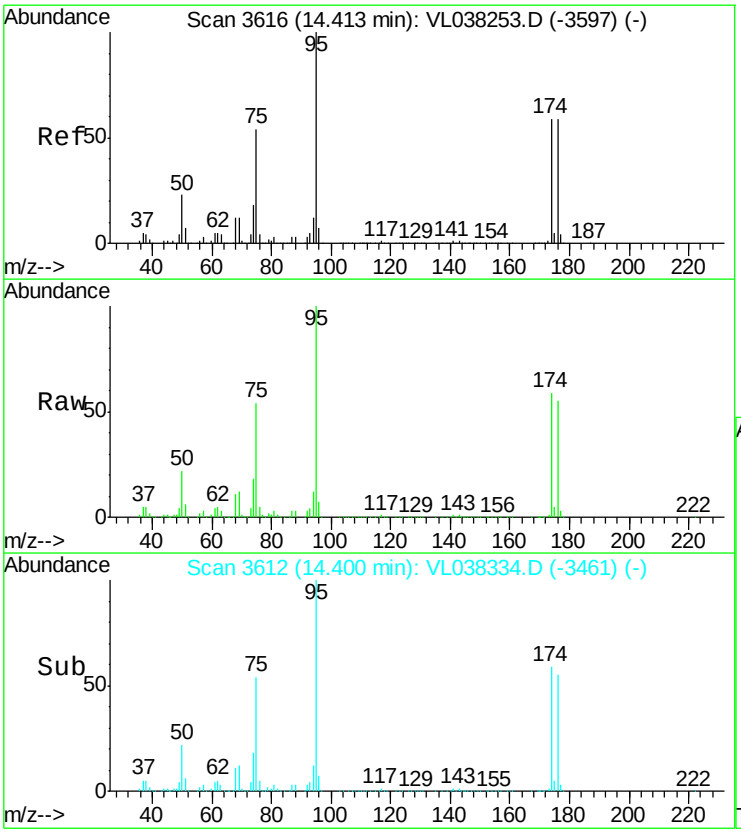

#67
sec-Butylbenzene
Concen: 7.101 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:105 Resp: 3340609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.2 | 14.3 | 21.5 |

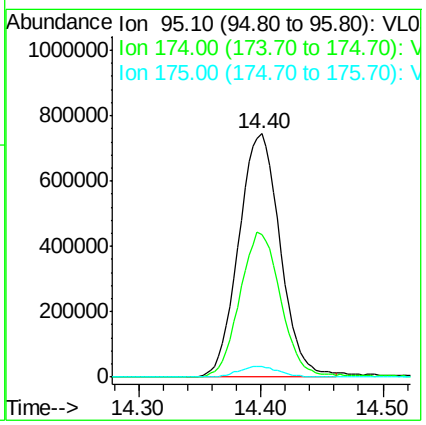


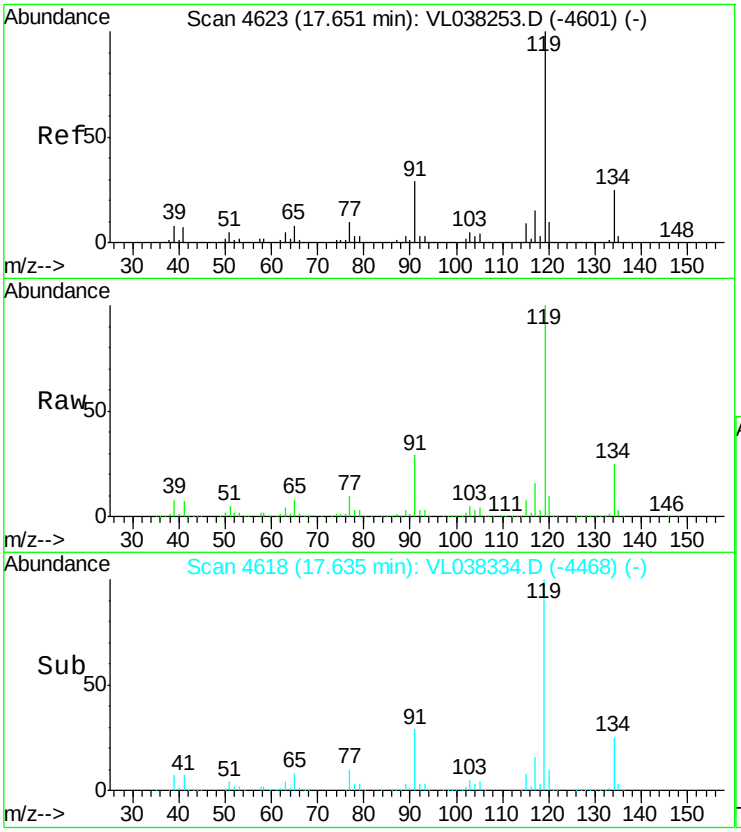




#68
1-Bromo-4-Fluorobenzene
Concen: 8.721 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 95 Resp: 1748227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 60.0 | 48.3 | 72.5 |
| 175 | 4.5 | 3.5 | 5.3 |



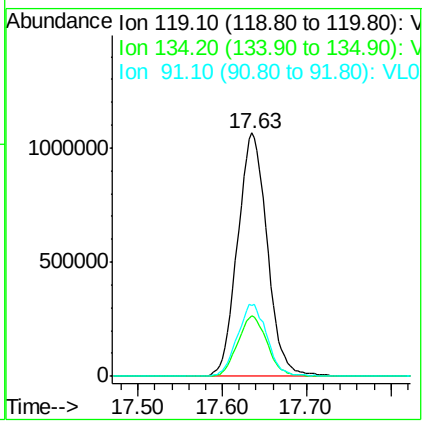


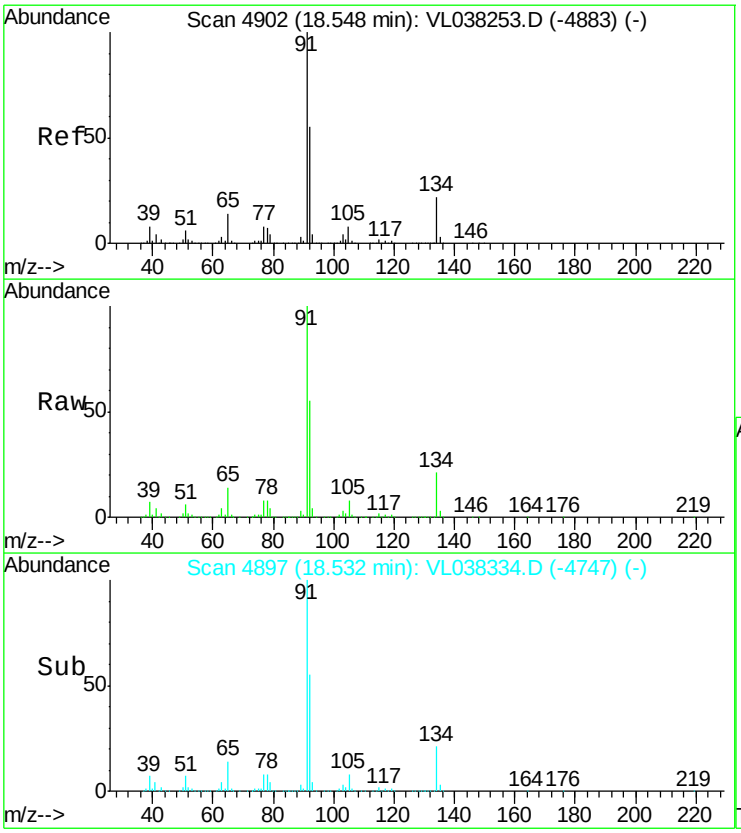

#69
p-Isopropyltoluene
Concen: 7.234 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:119 Resp: 2604366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 24.9 | 20.2 | 30.2 |
| 91 | 29.7 | 23.2 | 34.8 |

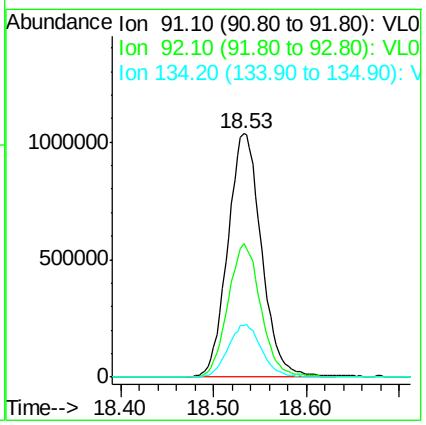


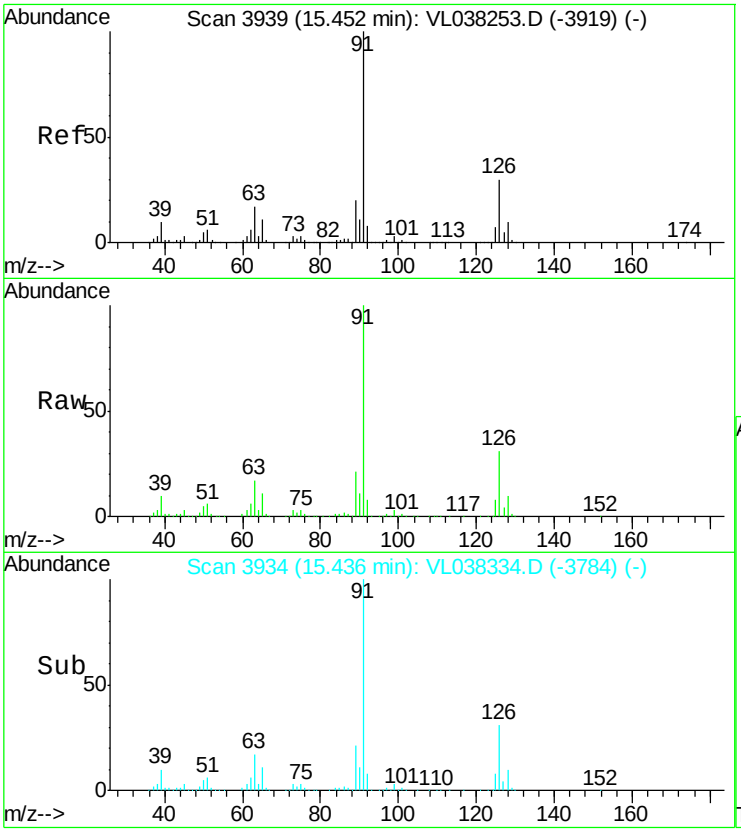




#70
n-Butylbenzene
Concen: 7.388 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 91 Resp: 2605318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.0 | 43.4 | 65.0 |
| 134 | 21.5 | 17.3 | 25.9 |



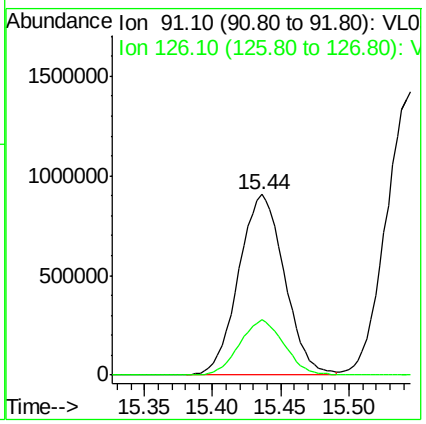


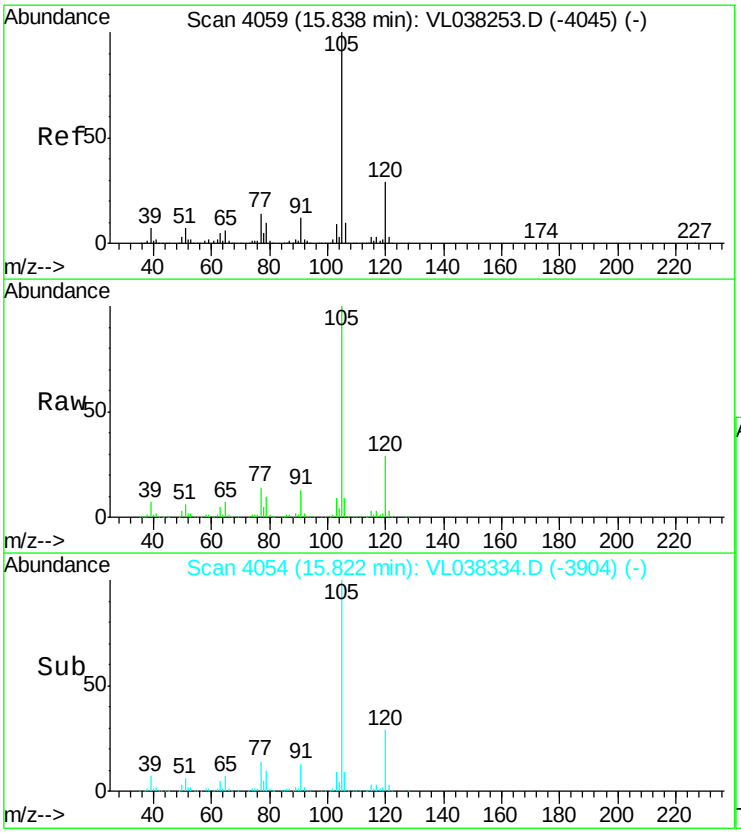

#71
2-Chlorotoluene
Concen: 6.932 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion: 91 Resp: 2108195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.1 | 12.1 | 48.5 |

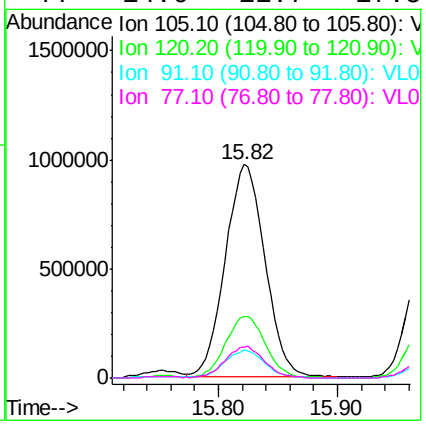


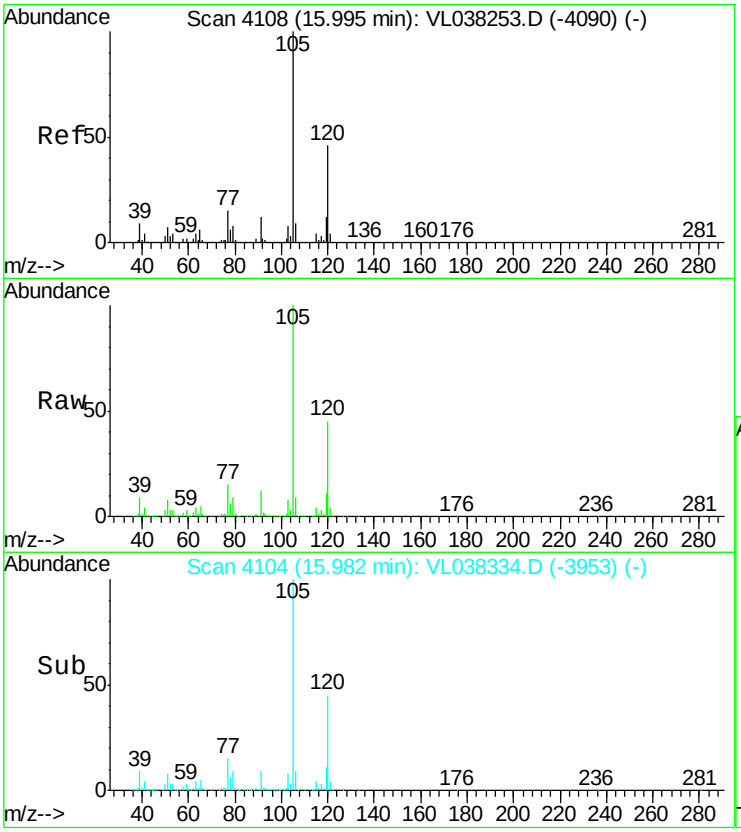




#72
4-Ethyltoluene
Concen: 6.998 ppbv
RT: 15.82 min Scan# 4054
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:105 Resp: 2254042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.1 | 23.8 | 35.8 |
| 91 | 13.0 | 10.2 | 15.4 |
| 77 | 14.6 | 11.7 | 17.5 |



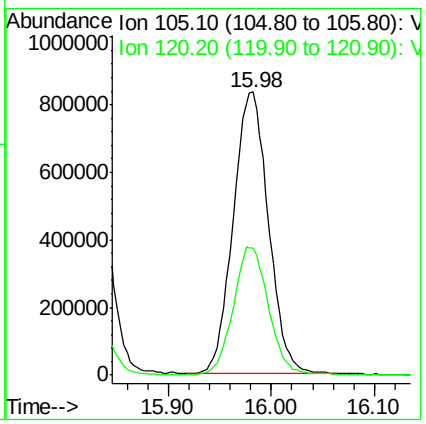


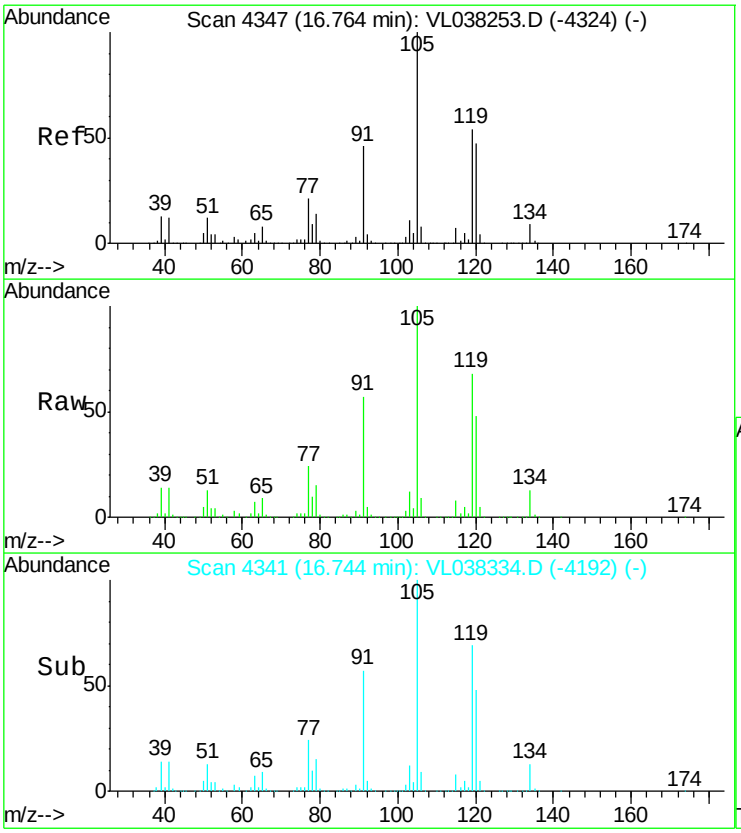

#73
1,3,5-Trimethylbenzene
Concen: 6.855 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:105 Resp: 1985617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.2 | 36.6 | 55.0 |

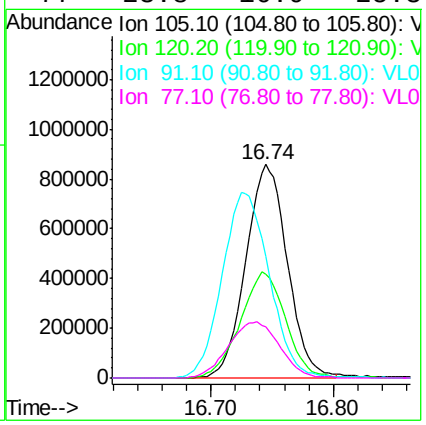


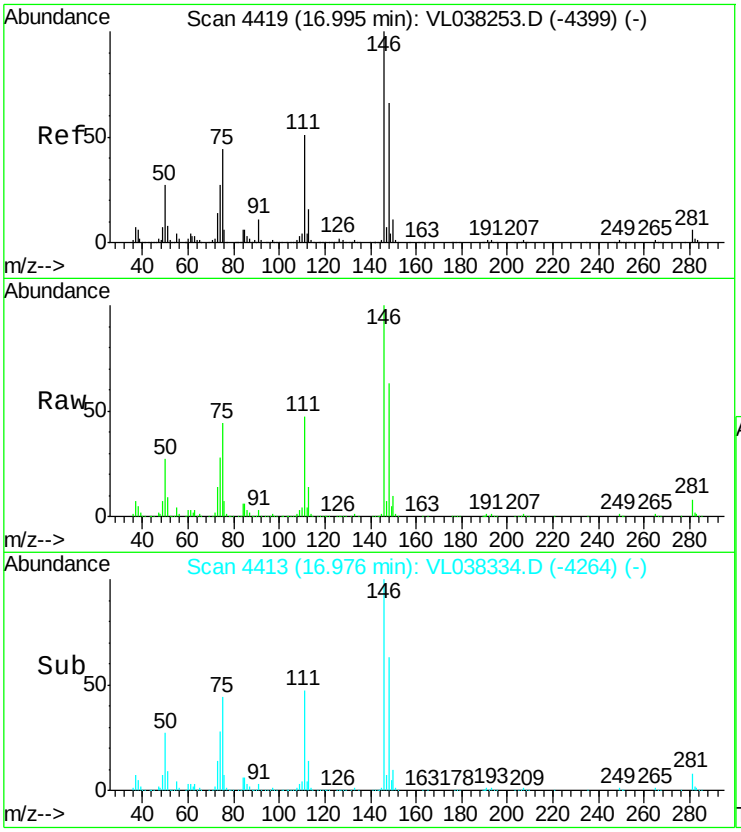




#74
1,2,4-Trimethylbenzene
Concen: 6.627 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:105 Resp: 2022191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.3 | 37.2 | 55.8 |
| 91 | 56.2 | 36.6 | 55.0# |
| 77 | 23.8 | 16.9 | 25.3 |



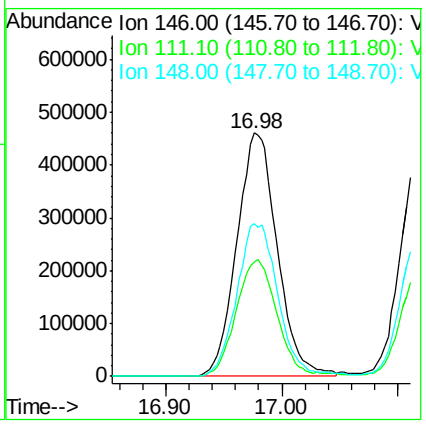


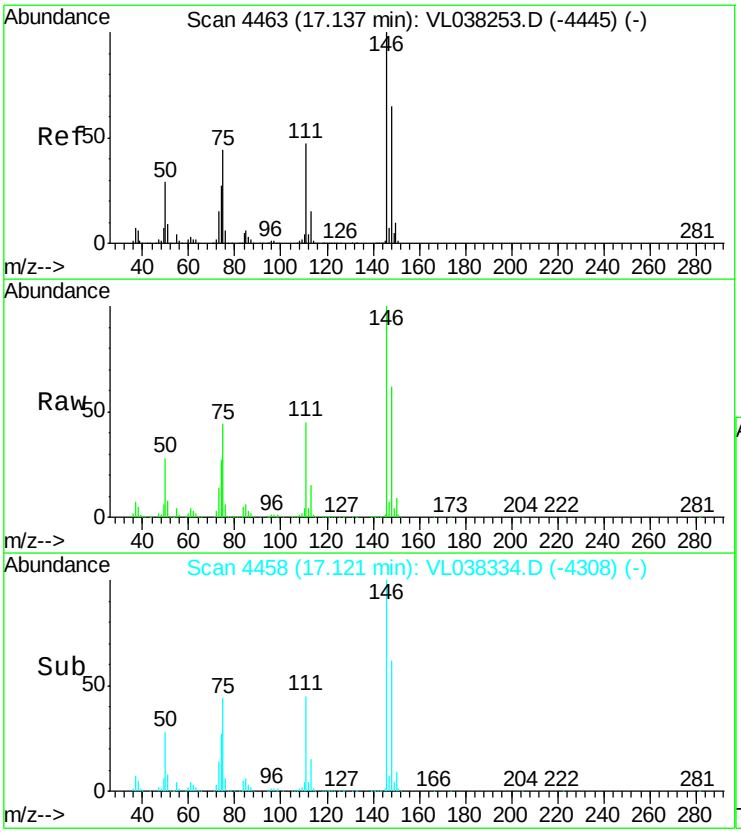

#75
1,3-Dichlorobenzene
Concen: 6.816 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:146 Resp: 1116135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.3 | 24.1 | 72.4 |
| 148 | 64.0 | 32.1 | 96.5 |

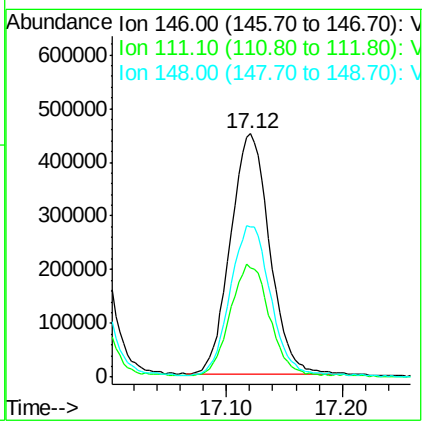


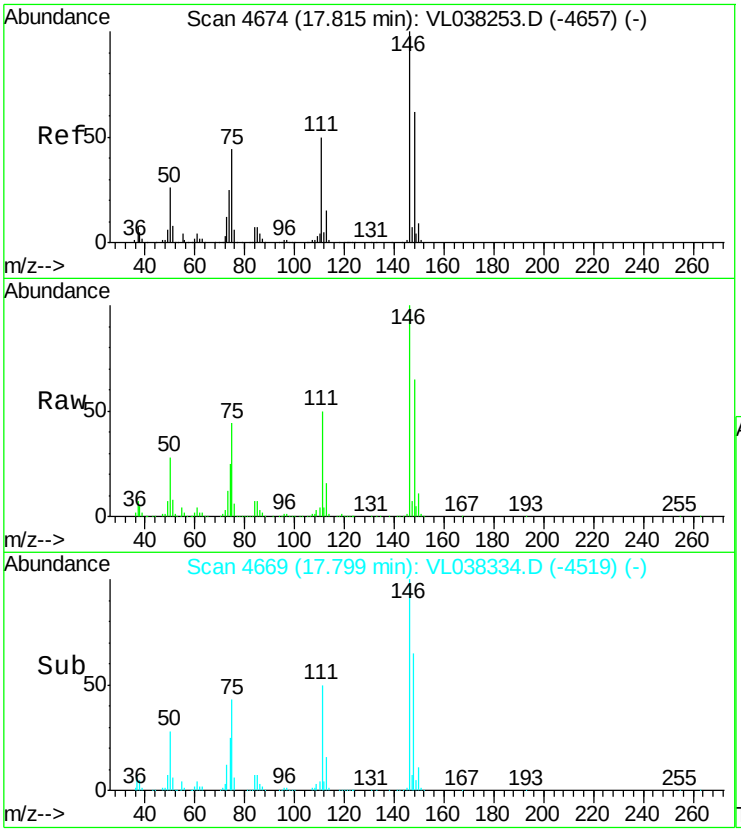




#76
1,4-Dichlorobenzene
Concen: 6.624 ppbv
RT: 17.12 min Scan# 4458
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:146 Resp: 1050267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.4 | 23.2 | 69.6 |
| 148 | 65.4 | 32.4 | 97.0 |



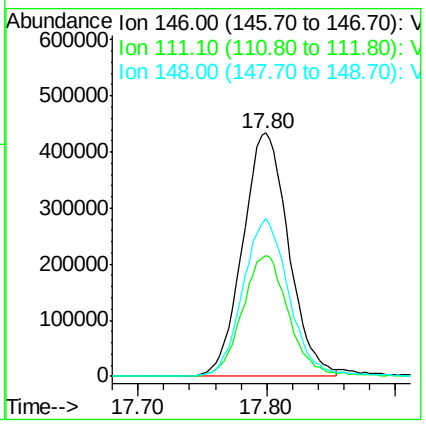


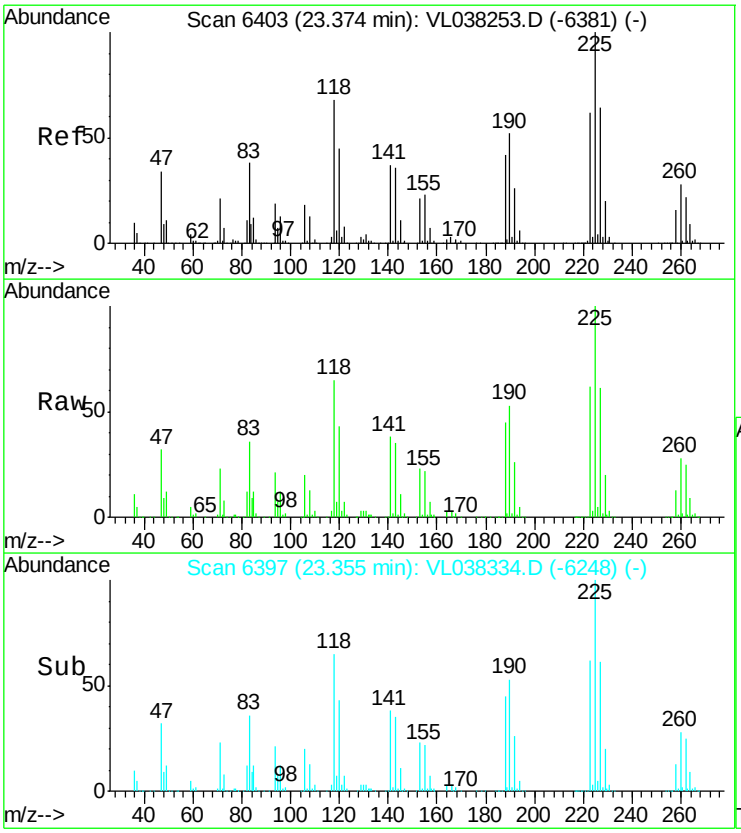

#77
1,2-Dichlorobenzene
Concen: 7.036 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:146 Resp: 1070231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.4 | 25.2 | 75.6 |
| 148 | 65.6 | 32.6 | 97.8 |

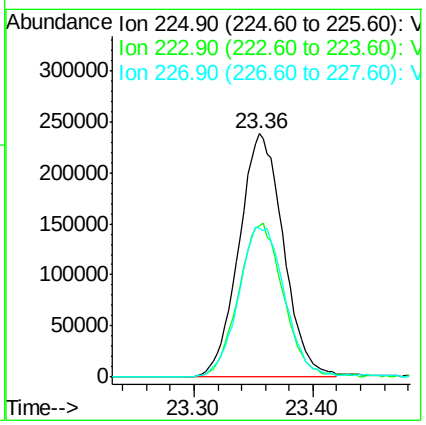


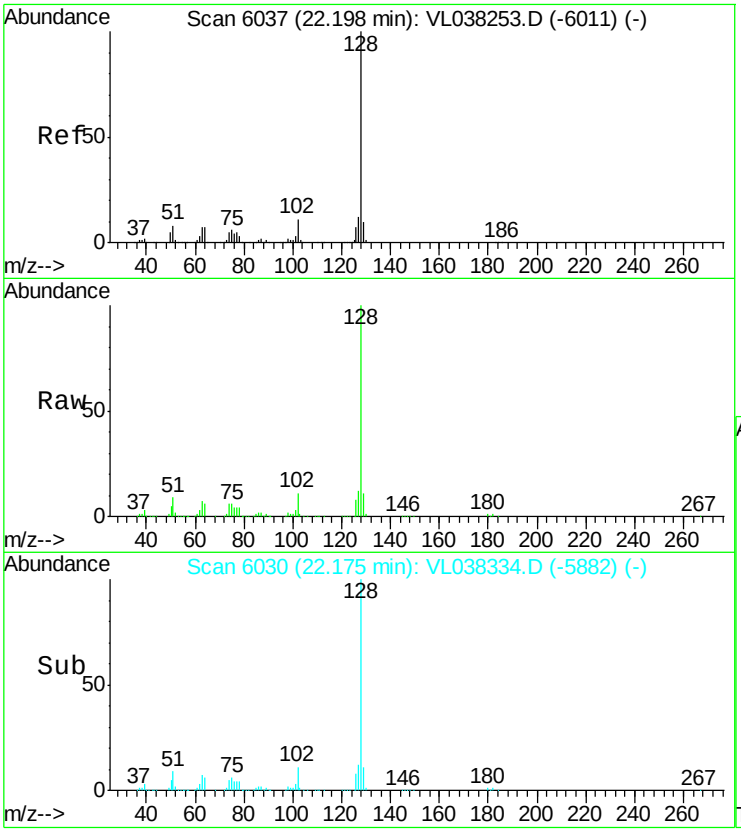




#78
Hexachloro-1,3-Butadiene
Concen: 5.816 ppbv
RT: 23.36 min Scan# 6397
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:225 Resp: 615051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 51.7 | 77.5 |
| 227 | 64.8 | 51.4 | 77.0 |



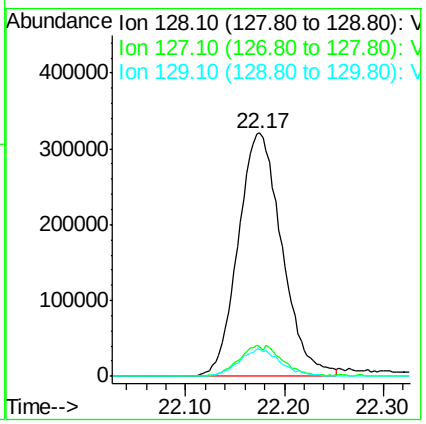


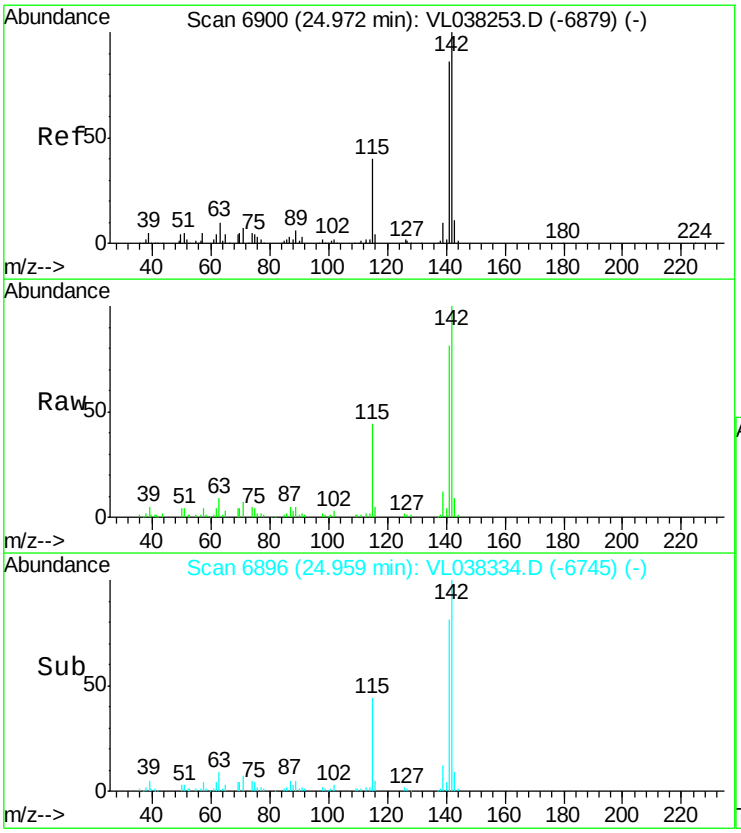

#79
Naphthalene
Concen: 6.884 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 3 Feb 2022 15:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:128 Resp: 982238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.3 | 9.7 | 14.5 |
| 129 | 11.3 | 8.1 | 12.1 |

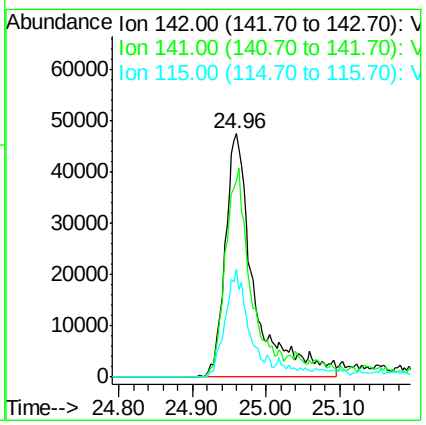


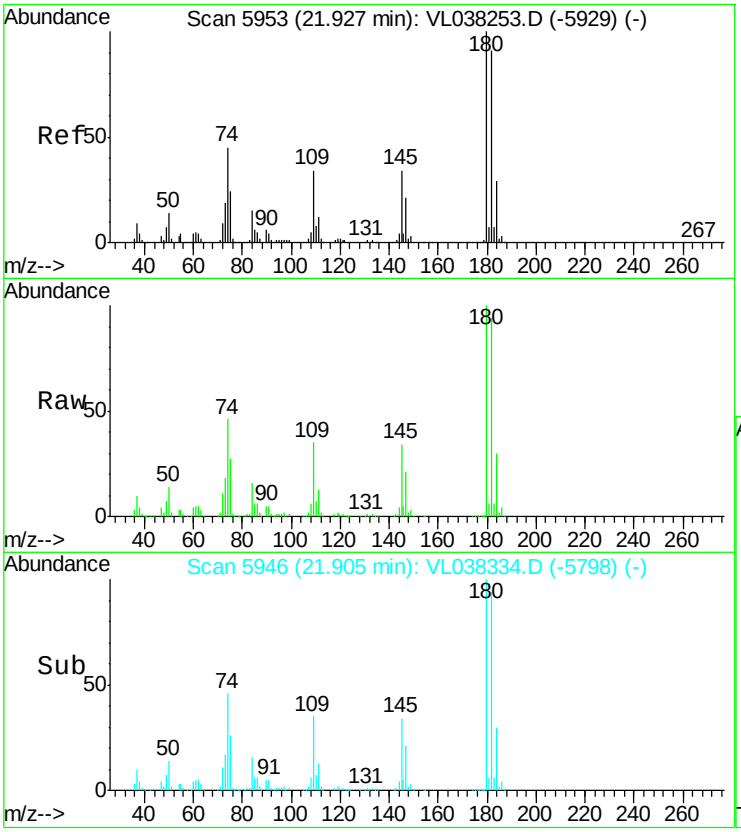




#80
Naphthalene,2-methyl-
Concen: 8.350 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:142 Resp: 129564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.2 | 70.2 | 105.4 |
| 115 | 35.6 | 31.8 | 47.6 |






#81
1,2,4-Trichlorobenzene
Concen: 6.707 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 3 Feb 2022 13:04

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDCCC010EC

Tgt Ion:180 Resp: 562837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.4 | 77.7 | 116.5 |
| 184 | 30.8 | 24.4 | 36.6 |