Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034817.D
Acq On : 6 Mar 2020 7:12
Operator : SY/AP
Sample : VSTDCCC010EC
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 06 08:00:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.66 | 49 | 459605 | 10.00 | ppbv | -0.02 |
| 33) 1,4-Difluorobenzene | 7.19 | 114 | 1094520 | 10.00 | ppbv | -0.02 |
| 55) Chlorobenzene-d5 | 12.12 | 117 | 1372028 | 10.00 | ppbv | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.45 | 95 | 858684 | 7.51 | ppbv | -0.03 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 75.10% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.01 | 85 | 702381 | 9.365 | ppbv | 97 |
| 3) Chlorodifluoromethane | 2.95 | 51 | 475257 | 9.076 | ppbv | 95 |
| 4) Chloromethane | 3.10 | 50 | 283624 | 10.056 | ppbv | 96 |
| 5) Vinyl Chloride | 3.22 | 62 | 269730 | 9.053 | ppbv | 99 |
| 6) Bromomethane | 3.44 | 94 | 152842 | 9.399 | ppbv | 98 |
| 7) Chloroethane | 3.53 | 64 | 98403 | 9.552 | ppbv | 99 |
| 8) Dichlorotetrafluoroethane | 3.15 | 85 | 582767 | 8.944 | ppbv | 89 |
| 9) Propene | 2.97 | 41 | 246437 | 11.957 | ppbv | 97 |
| 10) Heptane | 8.13 | 43 | 620804 | 11.852 | ppbv | 95 |
| 11) Trichlorofluoromethane | 3.92 | 101 | 604946 | 9.013 | ppbv | 94 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.47 | 101 | 439741 | 9.496 | ppbv | 92 |
| 13) Ethanol | 3.58 | 45 | 54293 | 7.688 | ppbv | 100 |
| 14) Bromoethene | 3.71 | 108 | 195618 | 10.295 | ppbv | 98 |
| 15) Acetone | 3.82 | 43 | 532922 | 9.683 | ppbv | 99 |
| 16) 1,3-Butadiene | 3.29 | 39 | 258213 | 10.369 | ppbv | 97 |
| 17) tert-Butyl alcohol | 4.27 | 59 | 469778 | 10.825 | ppbv | 98 |
| 18) 1,1-Dichloroethene | 4.27 | 96 | 201380 | 9.860 | ppbv | 99 |
| 19) Isopropyl Alcohol | 3.95 | 45 | 309780 | 9.394 | ppbv # | 1 |
| 20) Methylene Chloride | 4.32 | 84 | 174481 | 8.883 | ppbv | 99 |
| 21) Allyl Chloride | 4.39 | 41 | 375543 | 10.775 | ppbv | 98 |
| 22) trans-1,2-Dichloroethene | 4.87 | 96 | 203800 | 10.222 | ppbv | 99 |
| 23) Vinyl Acetate | 5.06 | 43 | 892847 | 12.098 | ppbv | 99 |
| 24) 1,1-Dichloroethane | 5.00 | 63 | 546904 | 9.547 | ppbv | 98 |
| 25) Ethyl Acetate | 5.67 | 43 | 1005686 | 10.574 | ppbv | 100 |
| 26) Hexane | 5.68 | 57 | 440033 | 10.591 | ppbv | 97 |
| 27) Carbon Disulfide | 4.53 | 76 | 554960 | 11.433 | ppbv | 98 |
| 28) Methyl tert-Butyl Ether | 5.02 | 73 | 732655 | 11.847 | ppbv | 100 |
| 29) Chloroform | 5.75 | 83 | 622131 | 8.895 | ppbv | 98 |
| 30) Cyclohexane | 7.14 | 84 | 370111 | 11.644 | ppbv | 99 |
| 31) cis-1,2-Dichloroethene | 5.54 | 61 | 446248 | 10.471 | ppbv | 97 |
| 32) 1,1,1-Trichloroethane | 6.51 | 97 | 625900 | 9.056 | ppbv | 97 |
| 34) 2-Butanone | 5.23 | 43 | 681808 | 9.575 | ppbv | 97 |
| 35) Carbon Tetrachloride | 7.02 | 117 | 652274 | 7.898 | ppbv | 99 |
| 36) Benzene | 6.90 | 78 | 906521 | 9.693 | ppbv | 97 |
| 37) 1,2-Dichloroethane | 6.31 | 62 | 478016 | 7.483 | ppbv # | 97 |
| 38) Trichloroethene | 7.85 | 130 | 347006 | 9.519 | ppbv | 92 |
| 39) 1,2-Dichloropropane | 7.63 | 63 | 357547 | 9.473 | ppbv | 94 |
| 40) 1,4-Dioxane | 7.84 | 88 | 114836 | 8.796 | ppbv # | 98 |
| 41) Tetrahydrofuran | 6.05 | 42 | 401215 | 11.043 | ppbv | 93 |
| 42) Bromodichloromethane | 7.81 | 83 | 690992 | 8.549 | ppbv | 99 |
| 43) Methyl Methacrylate | 8.02 | 69 | 398988 | 10.067 | ppbv | 95 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034817.D
Acq On : 6 Mar 2020 7:12
Operator : SY/AP
Sample : VSTDCCC010EC
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 06 08:00:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.88 | 57 | 1550758 | 9.488 | ppbv | | 98 |
| 45) t-1,3-Dichloropropene | 9.30 | 75 | 497609 | 11.960 | ppbv | | 98 |
| 46) cis-1,3-Dichloropropene | 8.72 | 75 | 581504 | 11.446 | ppbv | | 91 |
| 47) 1,1,2-Trichloroethane | 9.49 | 97 | 350777 | 8.803 | ppbv | | 98 |
| 48) Dibromochloromethane | 10.33 | 129 | 624729 | 10.026 | ppbv | | 99 |
| 49) Bromoform | 13.08 | 173 | 576169 | 10.596 | ppbv | | 99 |
| 50) 4-Methyl-2-Pentanone | 8.75 | 43 | 998122 | 9.783 | ppbv | | 98 |
| 51) 2-Hexanone | 10.15 | 43 | 829873 | 10.369 | ppbv | # | 99 |
| 52) Tetrachloroethene | 11.25 | 164 | 343049 | 9.928 | ppbv | | 99 |
| 53) Toluene | 9.83 | 91 | 1043760 | 10.544 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.64 | 107 | 541044 | 9.182 | ppbv | | 97 |
| 56) 1,1,1,2-Tetrachloroethane | 12.16 | 131 | 462178 | 7.603 | ppbv | # | 60 |
| 57) Chlorobenzene | 12.18 | 112 | 767920 | 7.327 | ppbv | | 98 |
| 58) Ethyl Benzene | 12.74 | 91 | 1391113 | 8.227 | ppbv | | 95 |
| 59) m/p-Xylene | 13.03 | 91 | 1164970 | 7.959 | ppbv | # | 29 |
| 60) o-Xylene | 13.73 | 91 | 1083289 | 7.315 | ppbv | | 98 |
| 61) Styrene | 13.56 | 104 | 824625 | 8.976 | ppbv | | 97 |
| 62) Isopropylbenzene | 14.71 | 105 | 1651484 | 7.577 | ppbv | | 100 |
| 63) 1,1,2,2-Tetrachloroethane | 13.71 | 83 | 742884 | 6.364 | ppbv | | 96 |
| 64) n-propylbenzene | 15.60 | 120 | 430339 | 7.875 | ppbv | | 93 |
| 65) tert-Butylbenzene | 16.78 | 119 | 692077 | 3.757 | ppbv | # | 26 |
| 66) Benzyl Chloride | 17.03 | 91 | 772497 | 12.973 | ppbv | # | 93 |
| 67) sec-Butylbenzene | 17.33 | 105 | 2007782 | 7.481 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.69 | 119 | 1728753 | 7.959 | ppbv | | 96 |
| 70) n-Butylbenzene | 18.59 | 91 | 1731101 | 7.289 | ppbv | | 97 |
| 71) 2-Chlorotoluene | 15.49 | 91 | 1214697 | 7.379 | ppbv | | 95 |
| 72) 4-Ethyltoluene | 15.88 | 105 | 1299079 | 7.879 | ppbv | | 96 |
| 73) 1,3,5-Trimethylbenzene | 16.04 | 105 | 1219870 | 7.713 | ppbv | | 96 |
| 74) 1,2,4-Trimethylbenzene | 16.80 | 105 | 1244094 | 7.236 | ppbv | | 93 |
| 75) 1,3-Dichlorobenzene | 17.04 | 146 | 750800 | 7.377 | ppbv | | 97 |
| 76) 1,4-Dichlorobenzene | 17.18 | 146 | 760269 | 7.806 | ppbv | | 97 |
| 77) 1,2-Dichlorobenzene | 17.86 | 146 | 756043 | 7.765 | ppbv | | 97 |
| 78) Hexachloro-1,3-Butadiene | 23.42 | 225 | 691912 | 8.515 | ppbv | | 99 |
| 79) Naphthalene | 22.26 | 128 | 1345030 | 10.410 | ppbv | | 100 |
| 80) Naphthalene,2-methyl- | 25.01 | 142 | 489381 | 15.858 | ppbv | | 99 |
| 81) 1,2,4-Trichlorobenzene | 21.99 | 180 | 789436 | 9.665 | ppbv | | 99 |

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

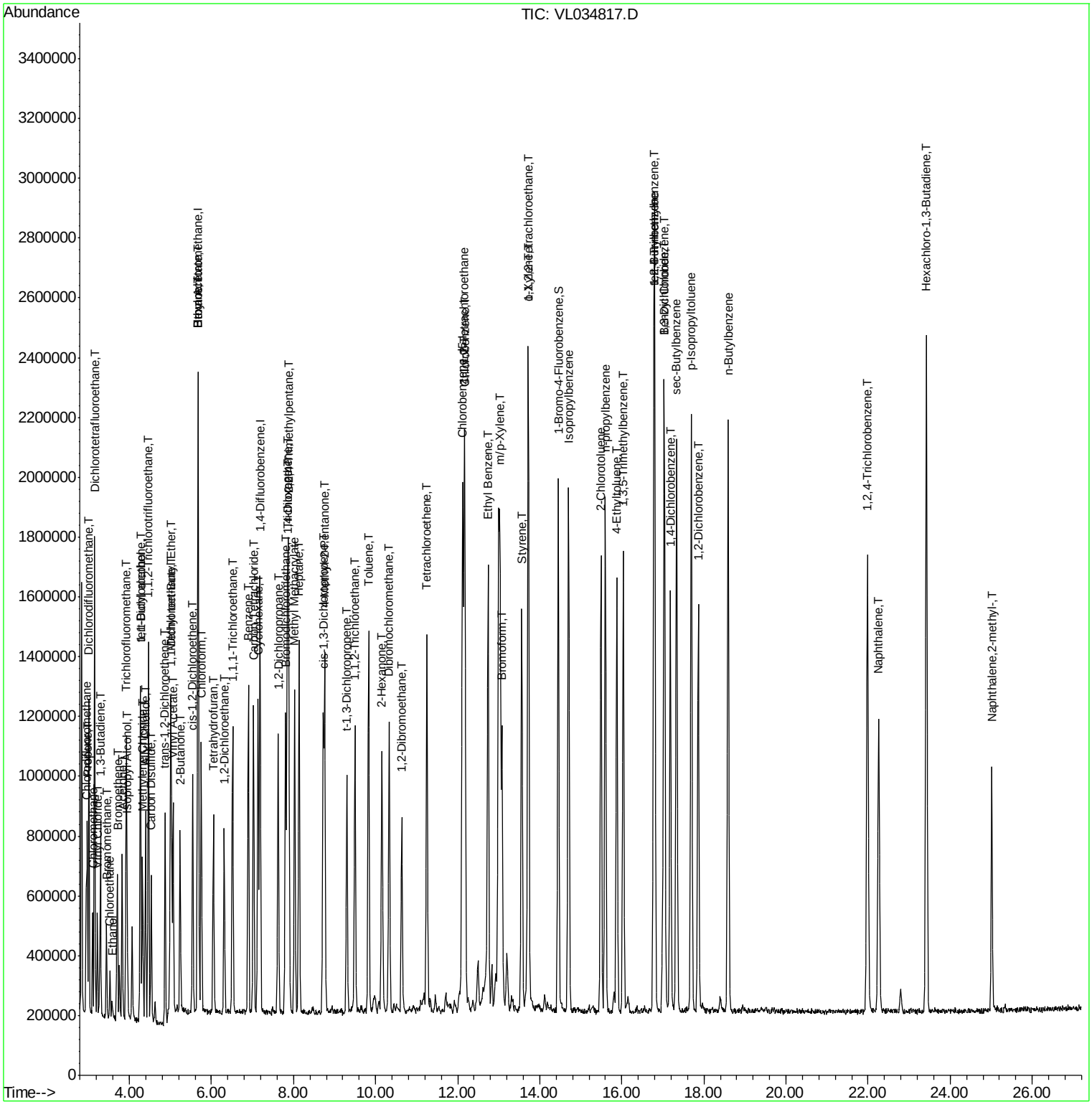
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

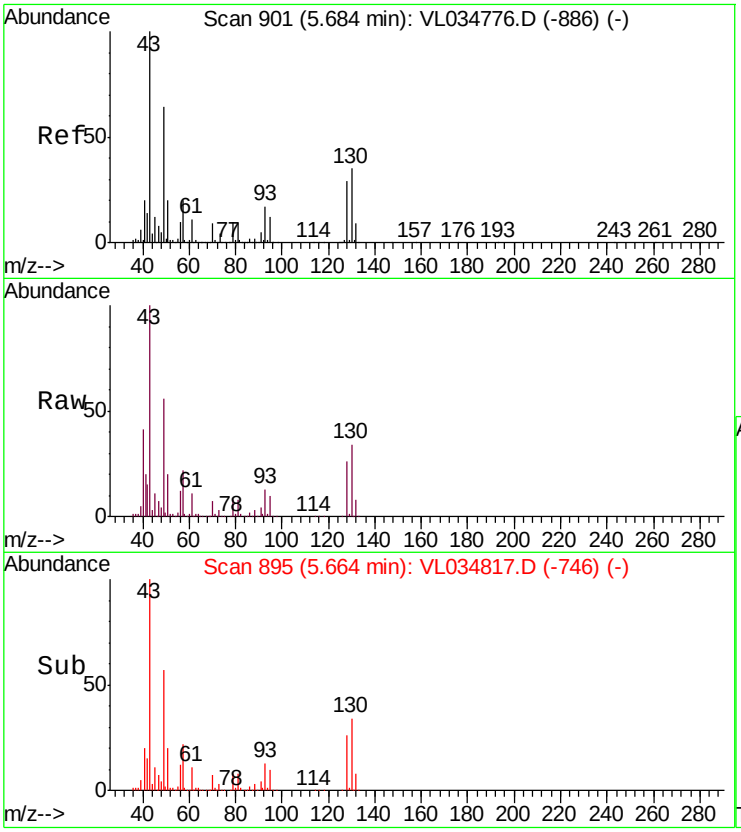
Quantitation Report (Not Reviewed)

Data File : VL034817.D
Acq On : 6 Mar 2020 7:12
Operator : SY/AP
Sample : VSTDCCC010EC
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 06 08:00:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration



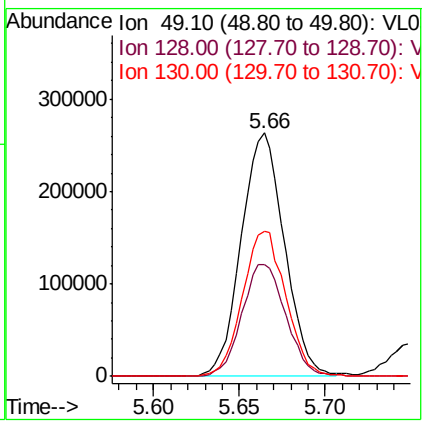


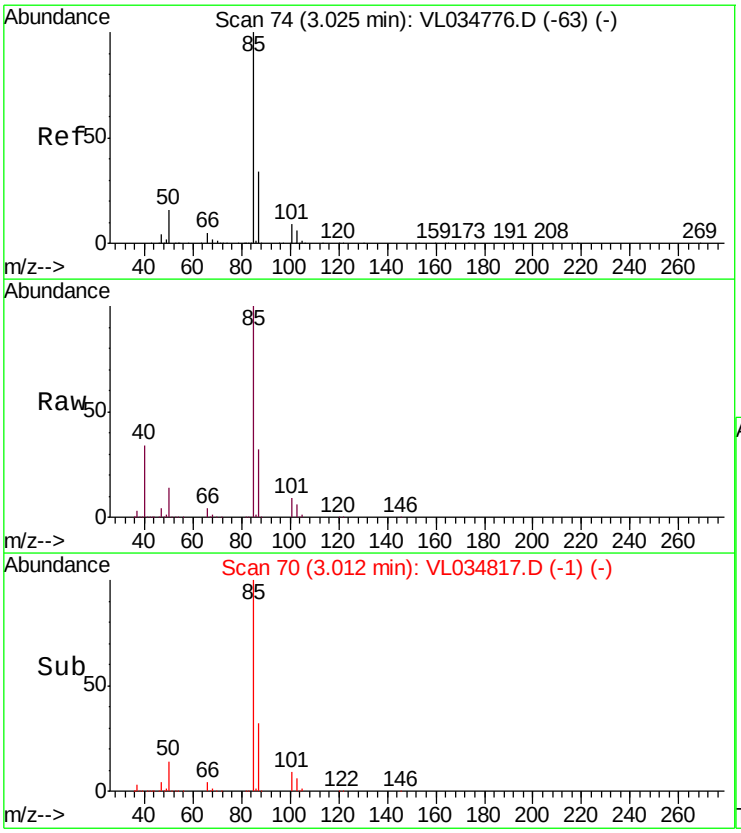

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 49 Resp: 459605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 46.9 | 21.6 | 64.6 |
| 130 | 60.3 | 27.4 | 82.2 |

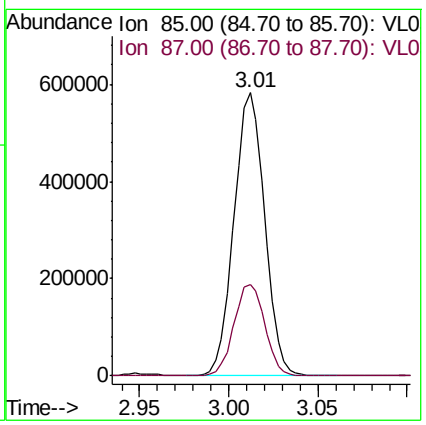


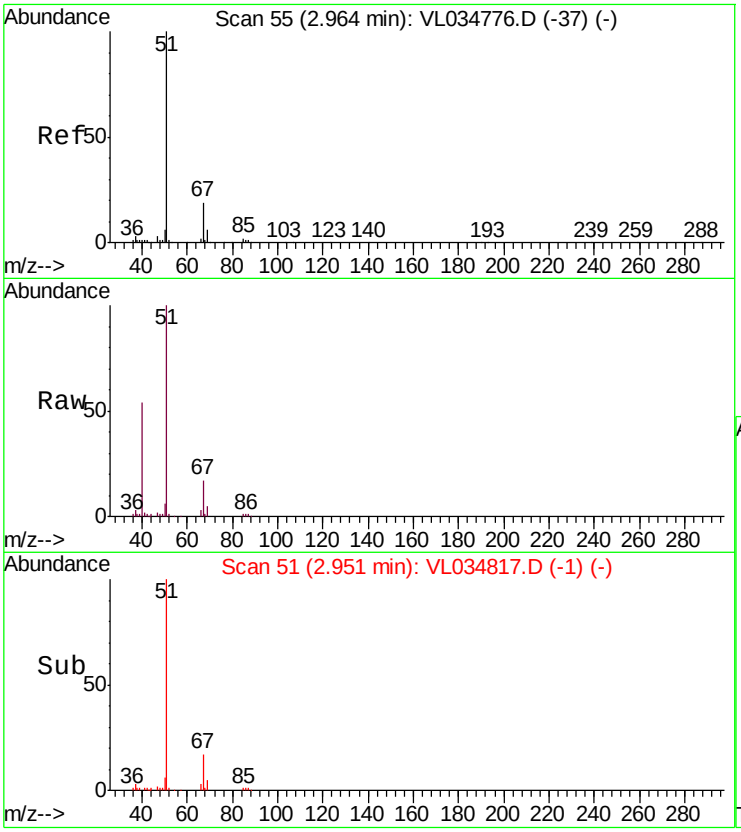




#2
Dichlorodifluoromethane
Concen: 9.365 ppbv
RT: 3.01 min Scan# 70
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 85 Resp: 702381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.4 | 27.2 | 40.8 |



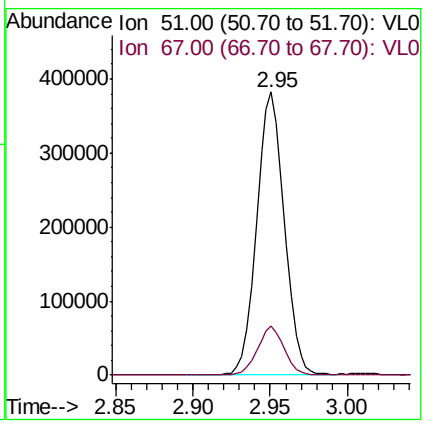


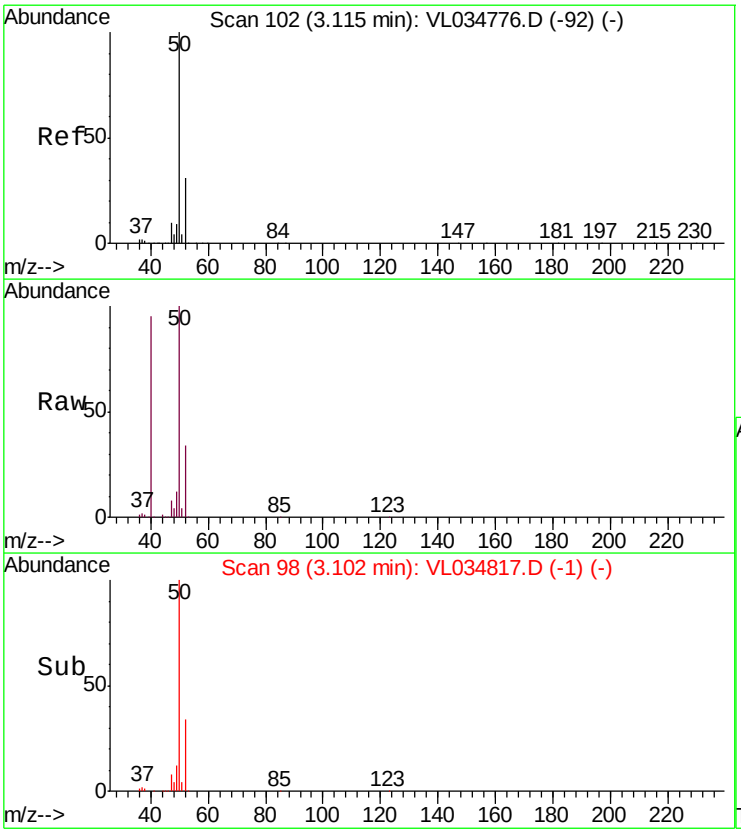

#3
Chlorodifluoromethane
Concen: 9.076 ppbv
RT: 2.95 min Scan# 51
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 51 Resp: 475257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 16.8 | 15.3 | 22.9 |

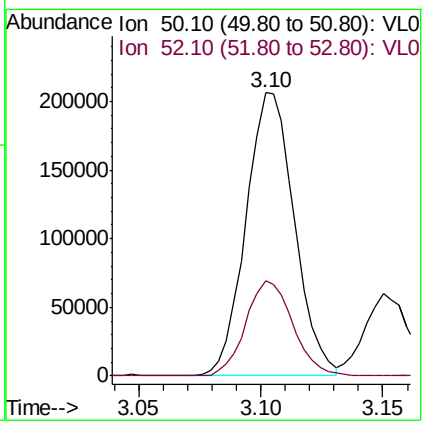


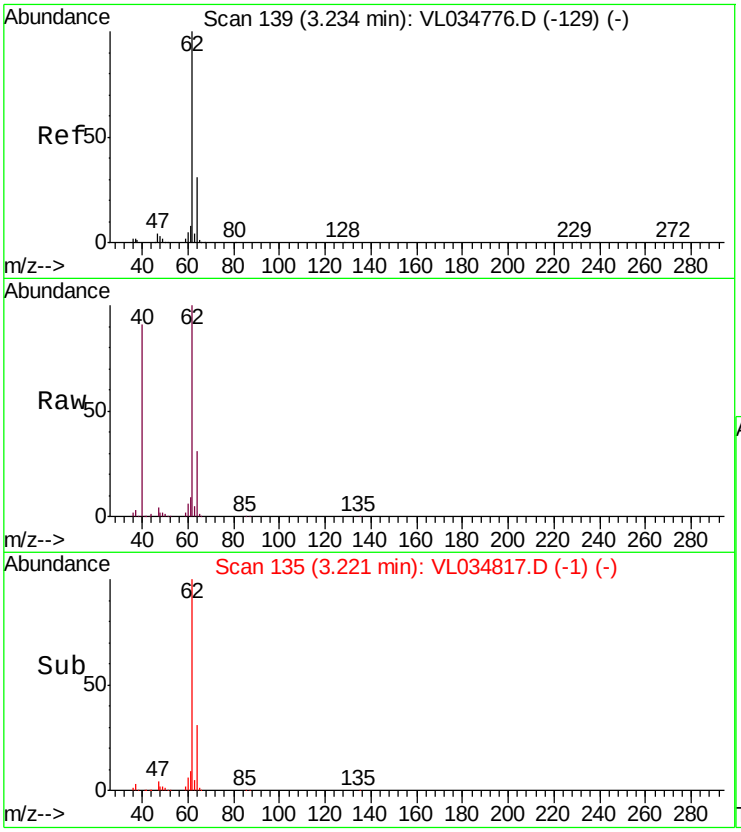




#4
Chloromethane
Concen: 10.056 ppbv
RT: 3.10 min Scan# 98
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 50 Resp: 283624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.6 | 25.0 | 37.4 |



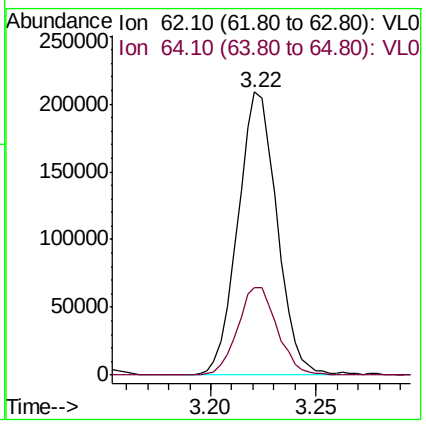


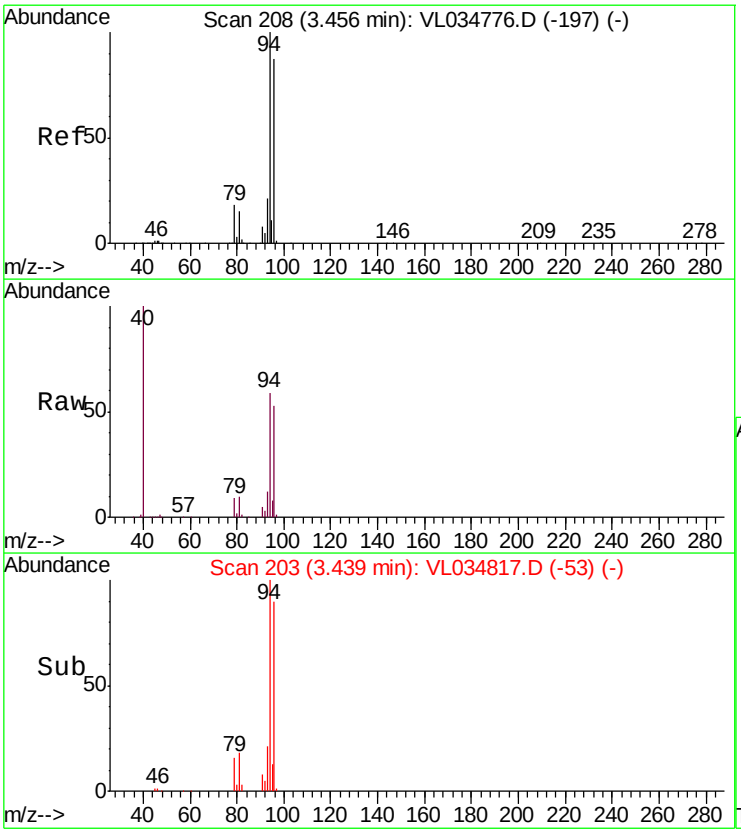

#5
Vinyl Chloride
Concen: 9.053 ppbv
RT: 3.22 min Scan# 135
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 62 Resp: 269730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.8 | 25.1 | 37.7 |

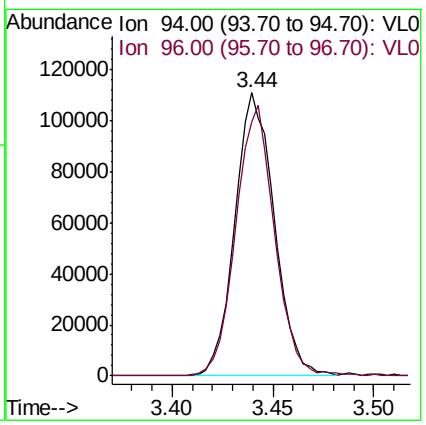


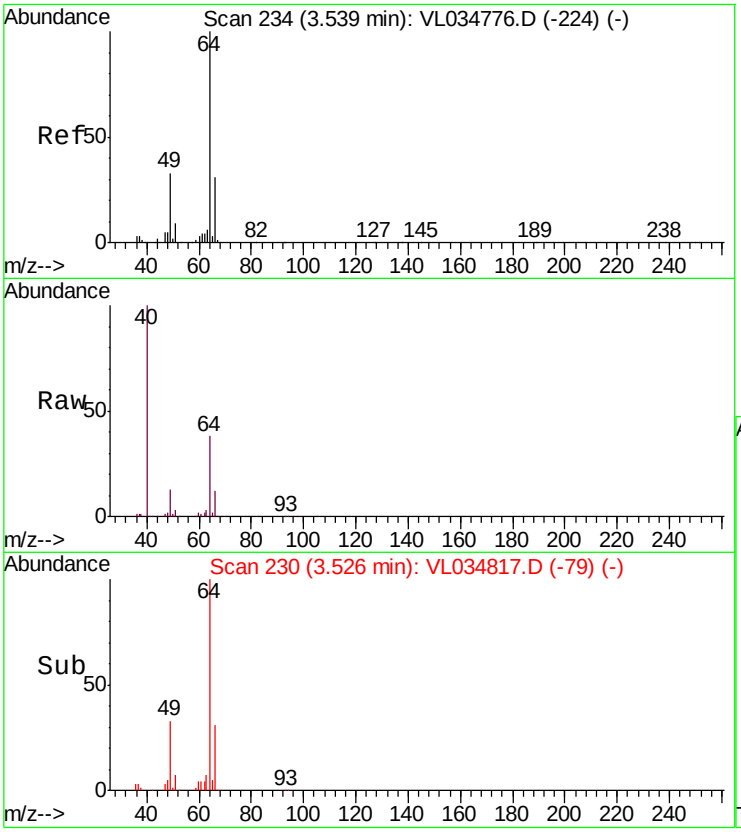




#6
Bromomethane
Concen: 9.399 ppbv
RT: 3.44 min Scan# 203
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 94 Resp: 152842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 89.6 | 70.0 | 105.0 |



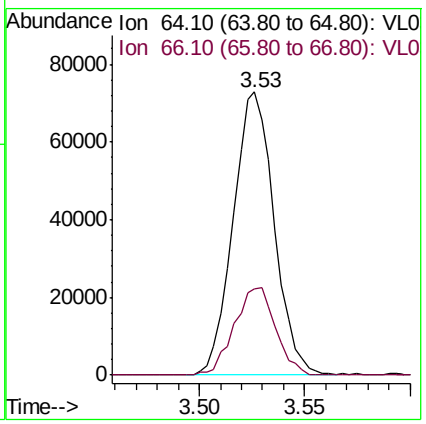


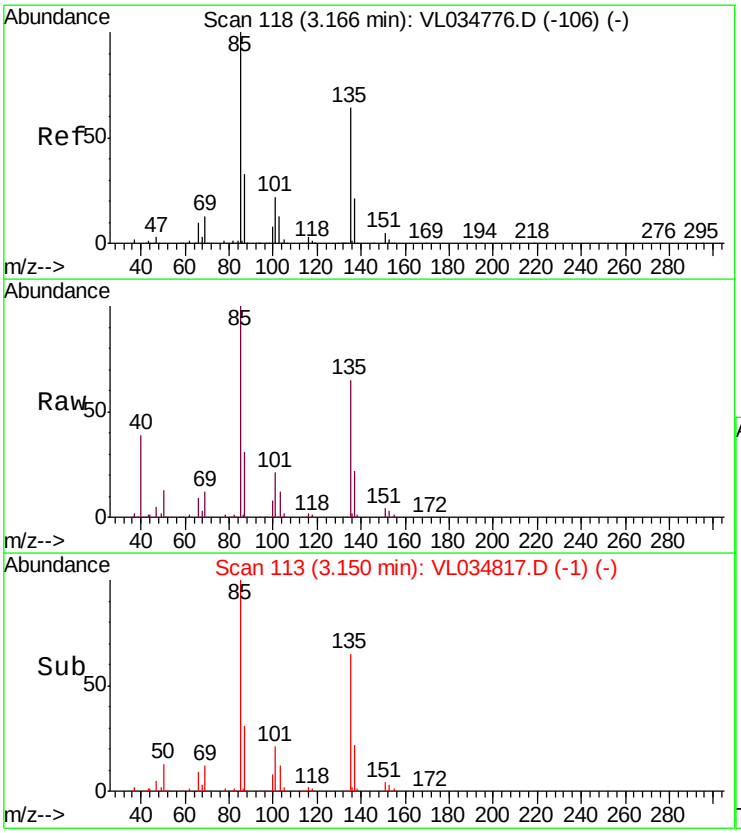

#7
Chloroethane
Concen: 9.552 ppbv
RT: 3.53 min Scan# 230
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 64 Resp: 98403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.7 | 24.8 | 37.2 |

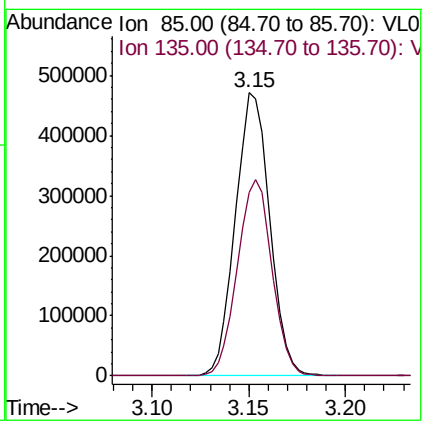


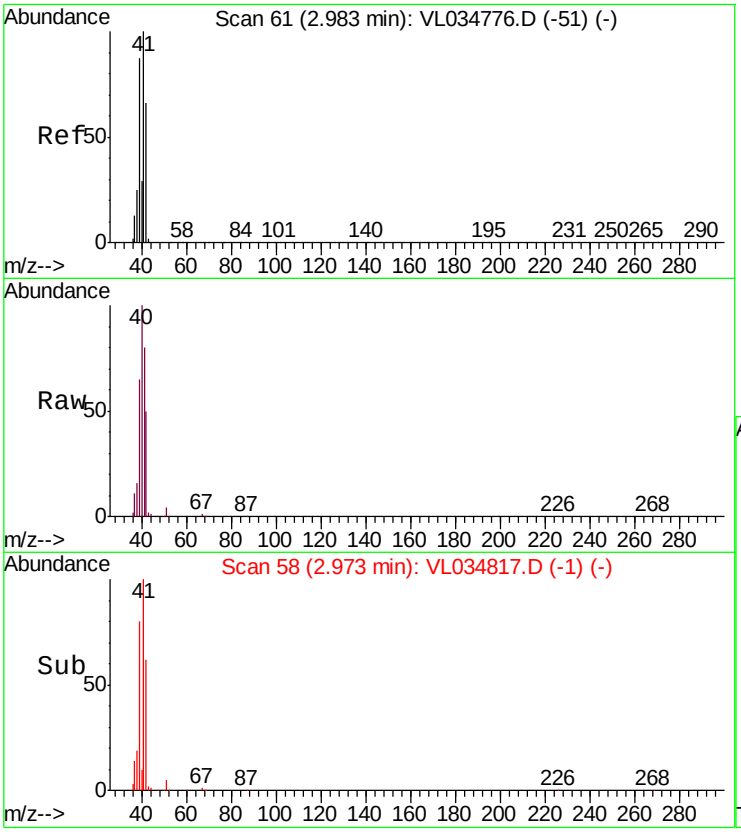




#8
Dichlorotetrafluoroethane
Concen: 8.944 ppbv
RT: 3.15 min Scan# 113
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 85 Resp: 582767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 70.2 | 49.4 | 74.2 |



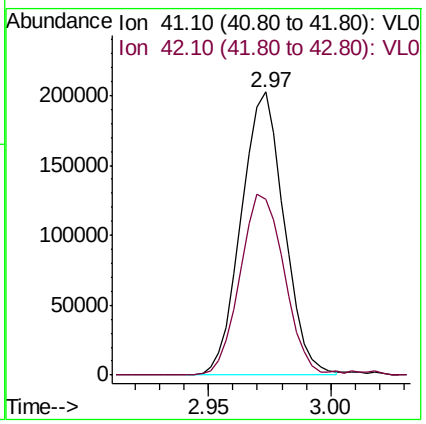


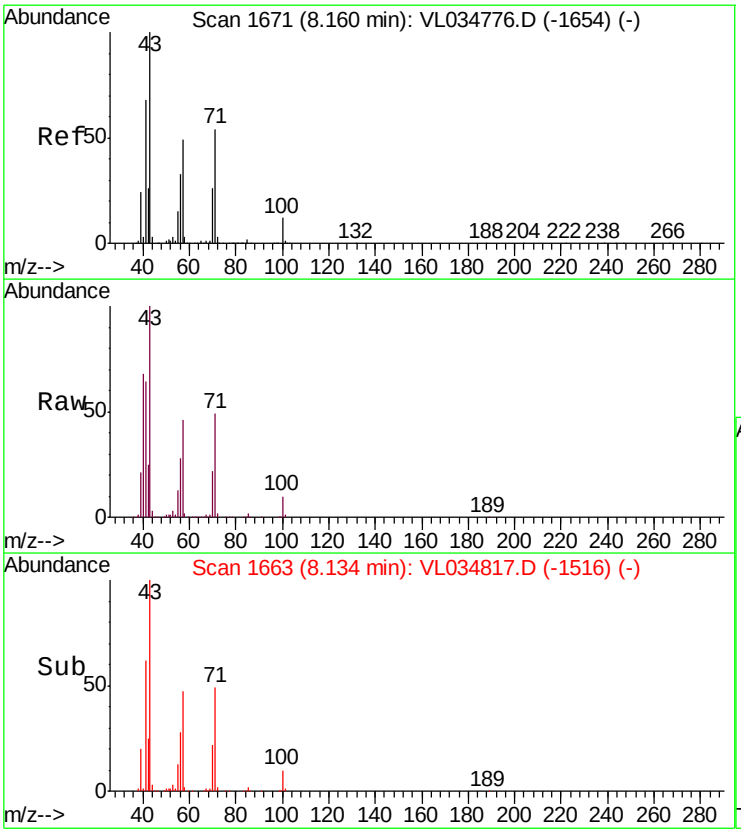

#9
Propene
Concen: 11.957 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 41 Resp: 246437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 67.2 | 55.6 | 83.4 |

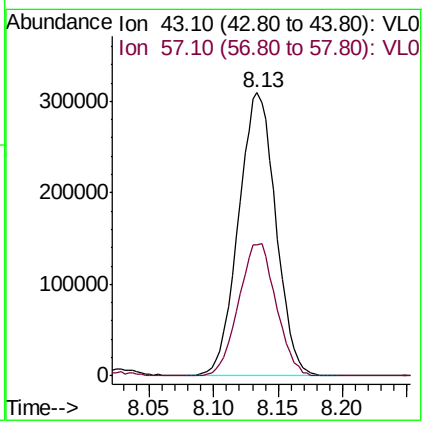


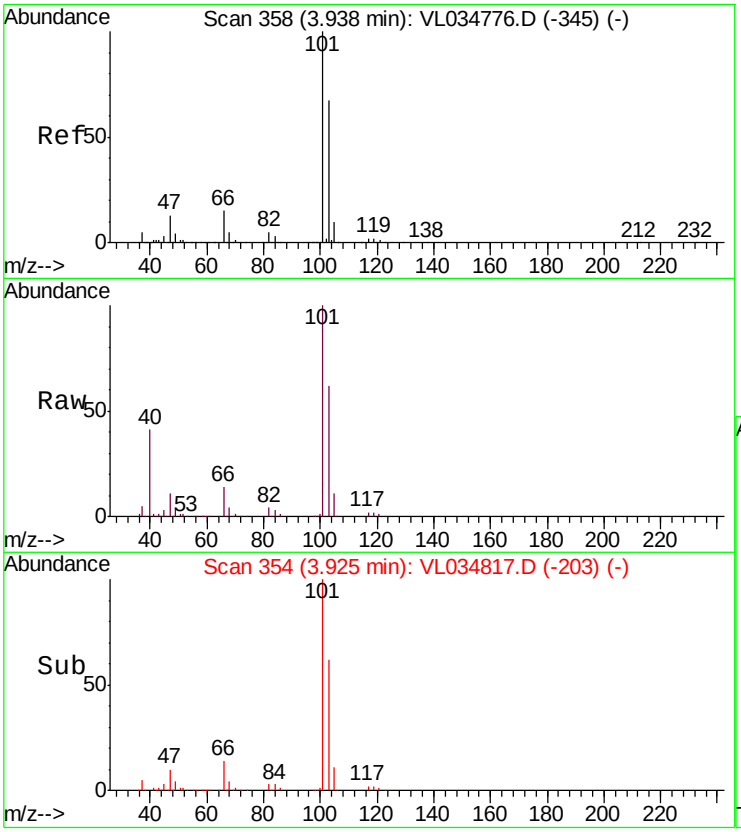




#10
Heptane
Concen: 11.852 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 43 Resp: 620804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 47.4 | 40.5 | 60.7 |



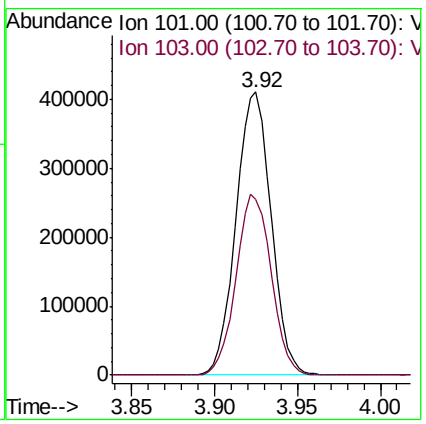


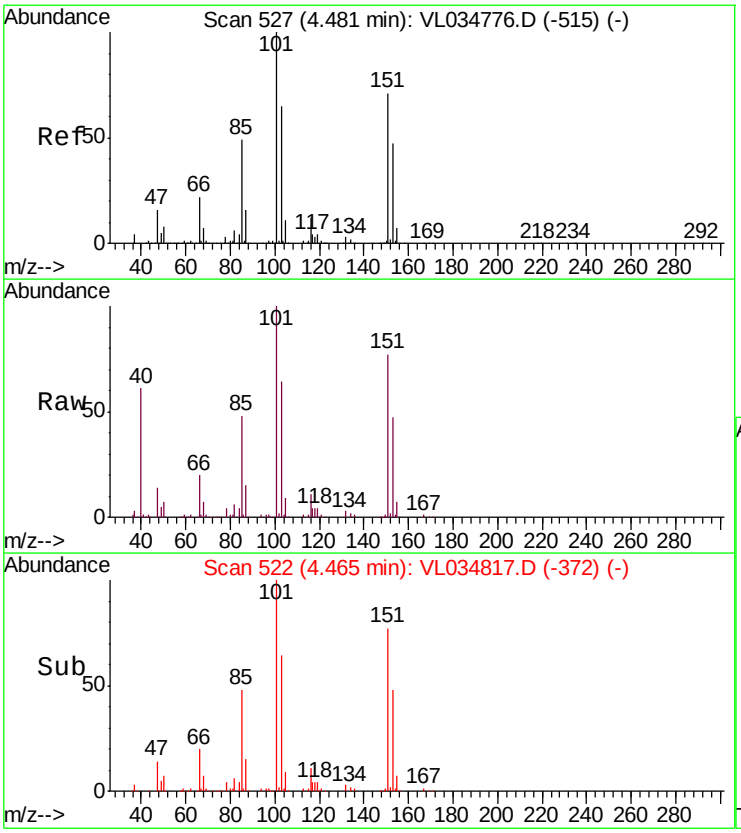

#11
Trichlorofluoromethane
Concen: 9.013 ppbv
RT: 3.92 min Scan# 354
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:101 Resp: 604946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.1 | 53.6 | 80.4 |

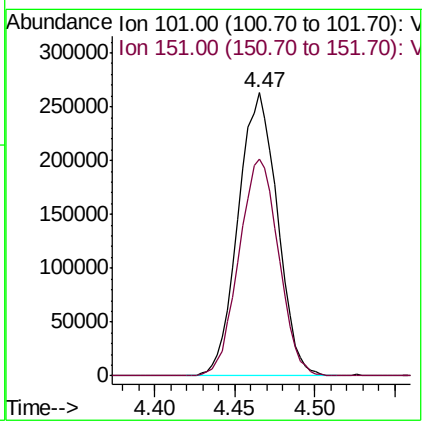


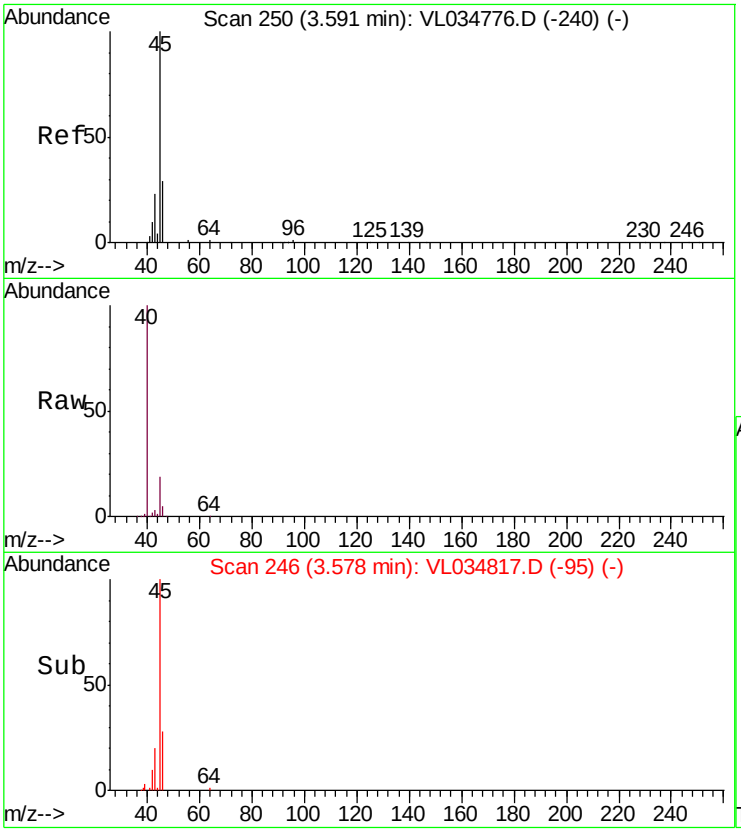




#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.496 ppbv
RT: 4.47 min Scan# 522
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:101 Resp: 439741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 77.8 | 56.6 | 85.0 |



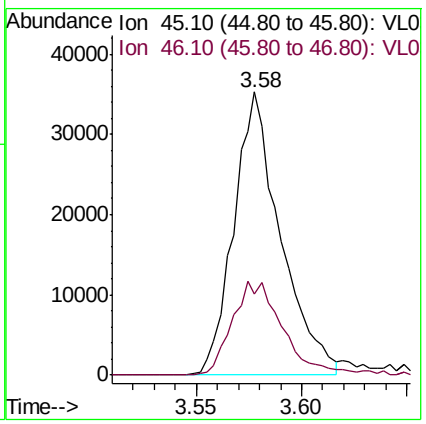


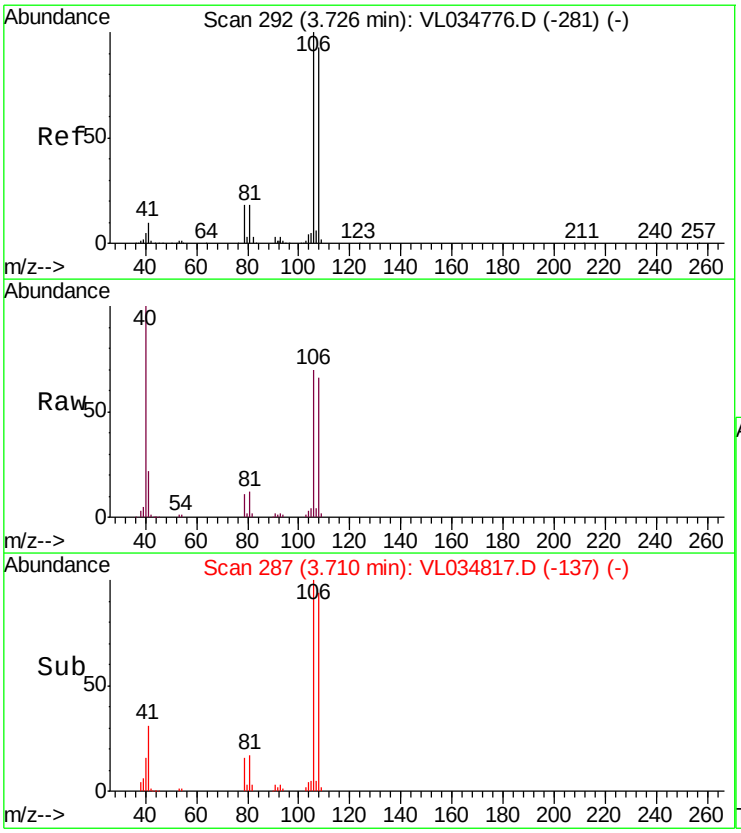

#13
Ethanol
Concen: 7.688 ppbv
RT: 3.58 min Scan# 246
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 45 Resp: 54293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 36.9 | 14.7 | 58.9 |

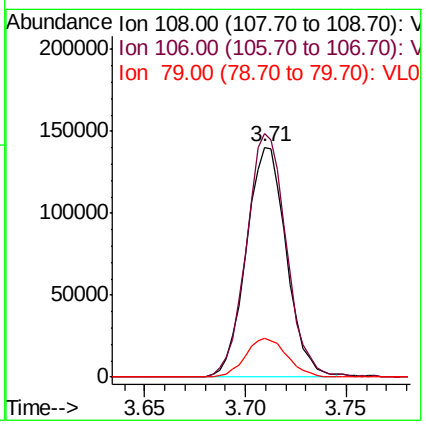


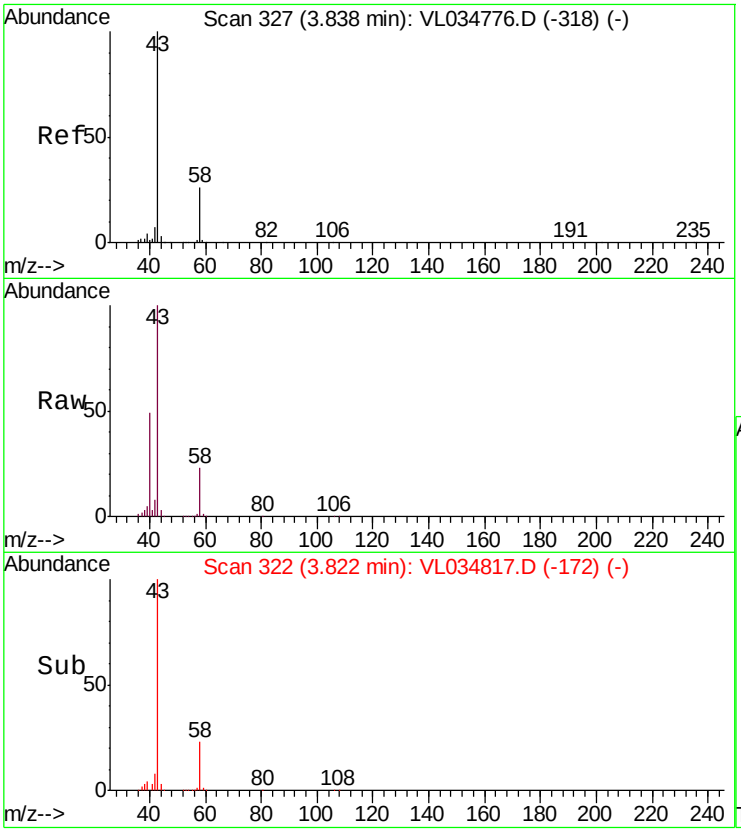




#14
Bromoethene
Concen: 10.295 ppbv
RT: 3.71 min Scan# 287
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:108 Resp: 195618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 106.5 | 83.5 | 125.3 |
| 79 | 17.7 | 15.6 | 23.4 |



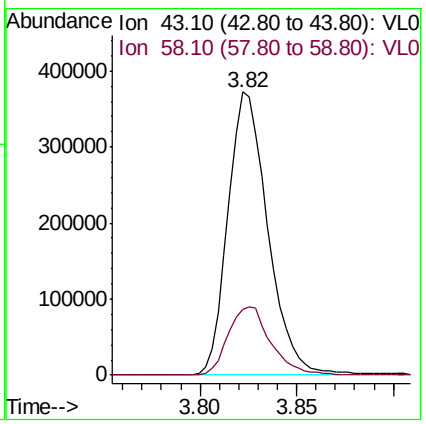


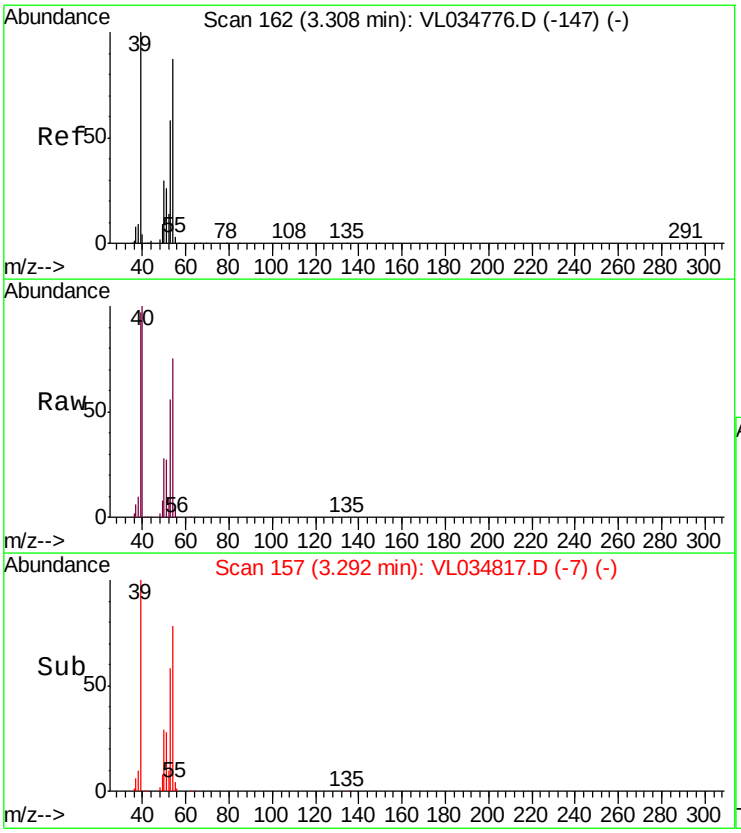

#15
Acetone
Concen: 9.683 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 43 Resp: 532922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.8 | 21.0 | 31.6 |

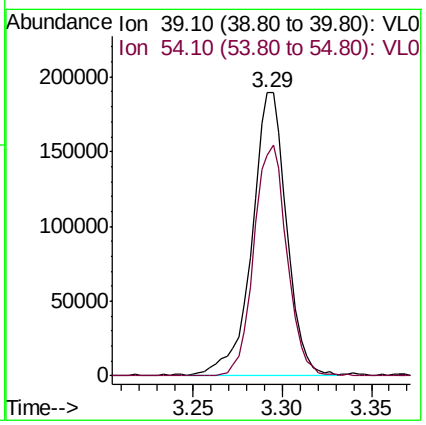


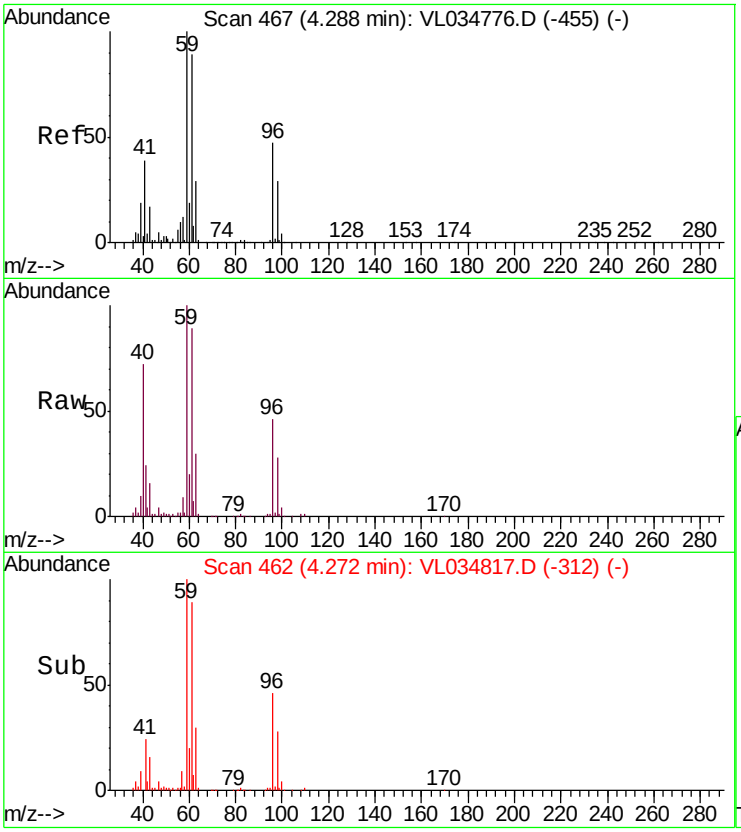




#16
1,3-Butadiene
Concen: 10.369 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 39 Resp: 258213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 77.8 | 64.2 | 96.2 |



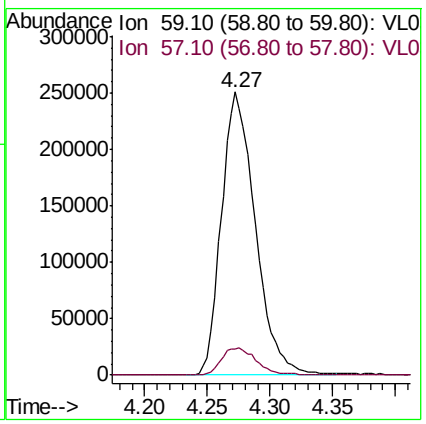


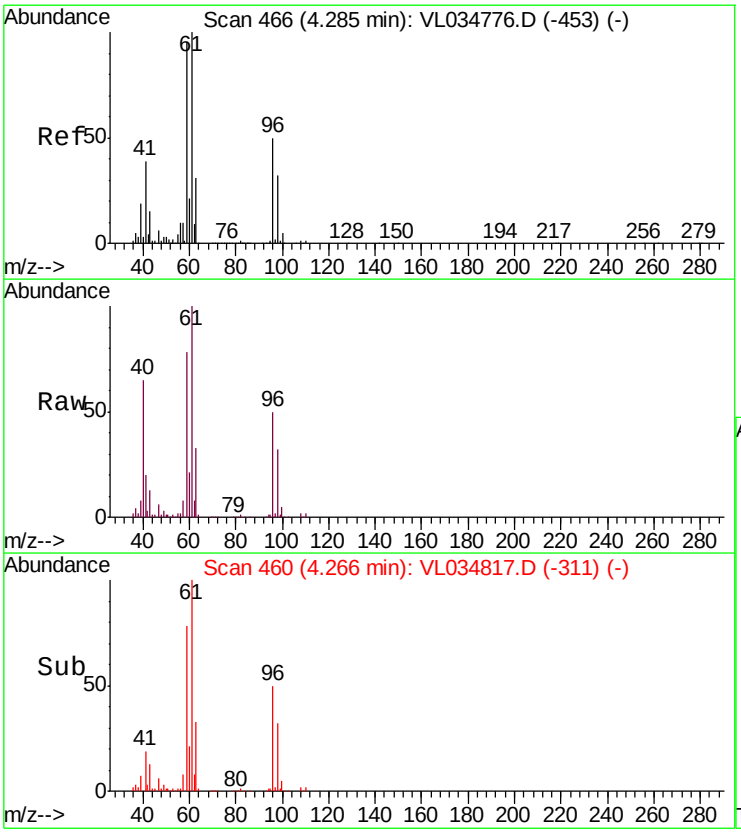

#17
tert-Butyl alcohol
Concen: 10.825 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 59 Resp: 469778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.6 | 13.0 |

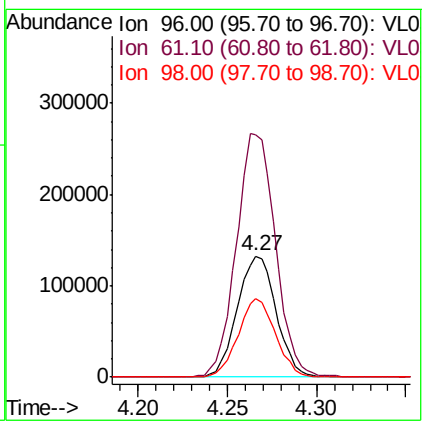


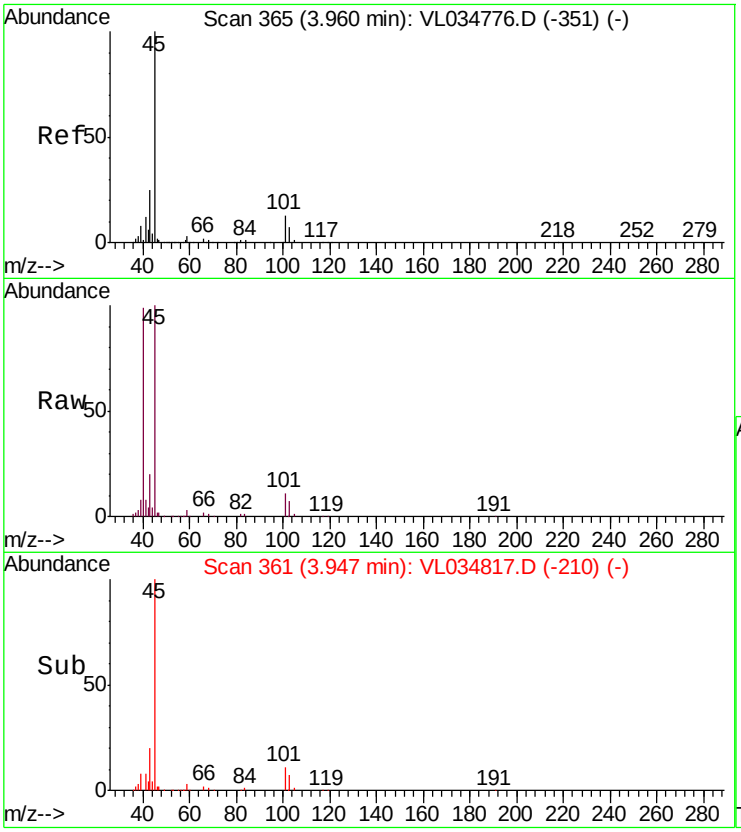




#18
1,1-Dichloroethene
Concen: 9.860 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 96 Resp: 201380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 200.2 | 159.5 | 239.3 |
| 98 | 64.9 | 51.1 | 76.7 |



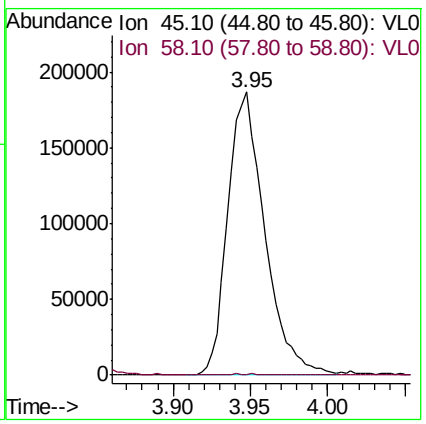


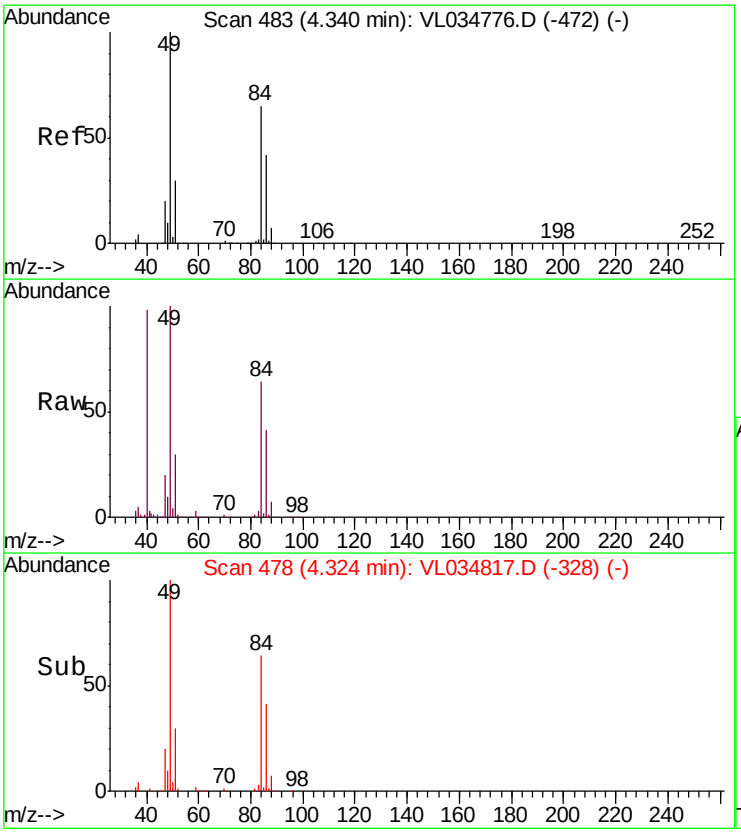

#19
Isopropyl Alcohol
Concen: 9.394 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.01 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 45 Resp: 309780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 44.4 | 1.8 | 2.8# |

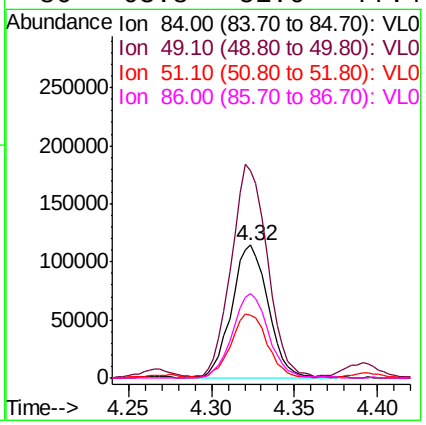


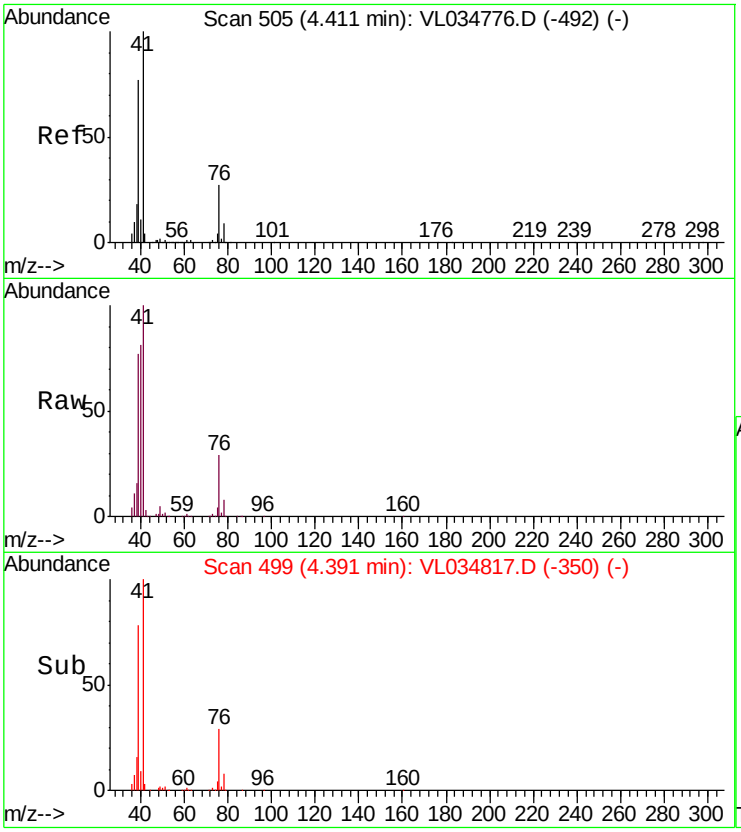




#20
Methylene Chloride
Concen: 8.883 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 84 Resp: 174481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 155.5 | 123.2 | 184.8 |
| 51 | 46.4 | 37.4 | 56.2 |
| 86 | 63.8 | 51.6 | 77.4 |



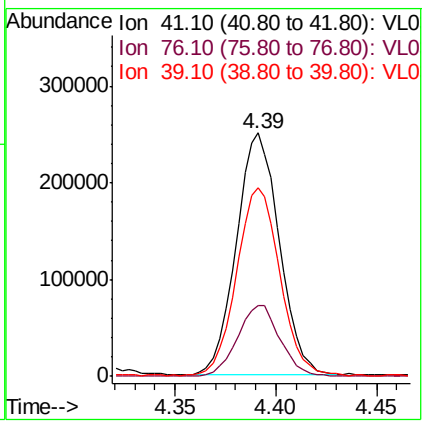


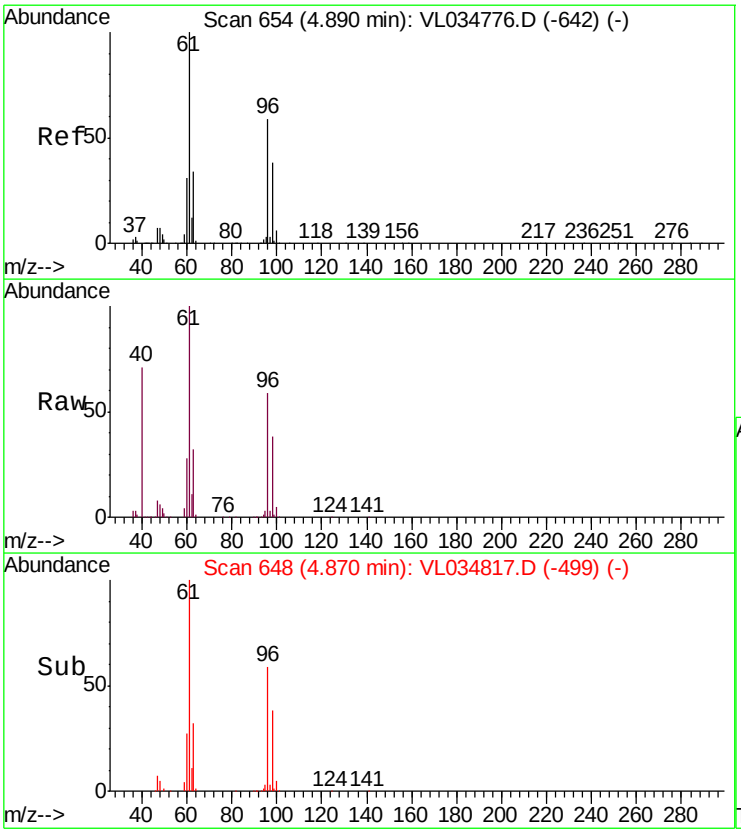

#21
Allyl Chloride
Concen: 10.775 ppbv
RT: 4.39 min Scan# 499
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 41 Resp: 375543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 28.8 | 22.5 | 33.7 |
| 39 | 78.8 | 65.0 | 97.6 |

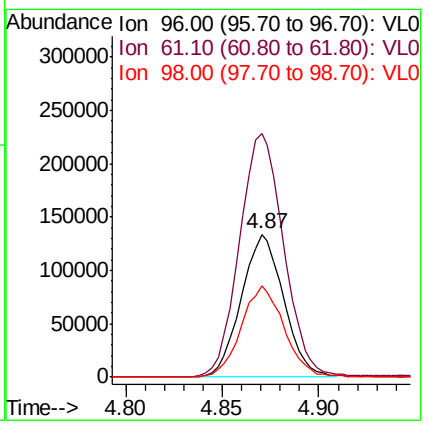


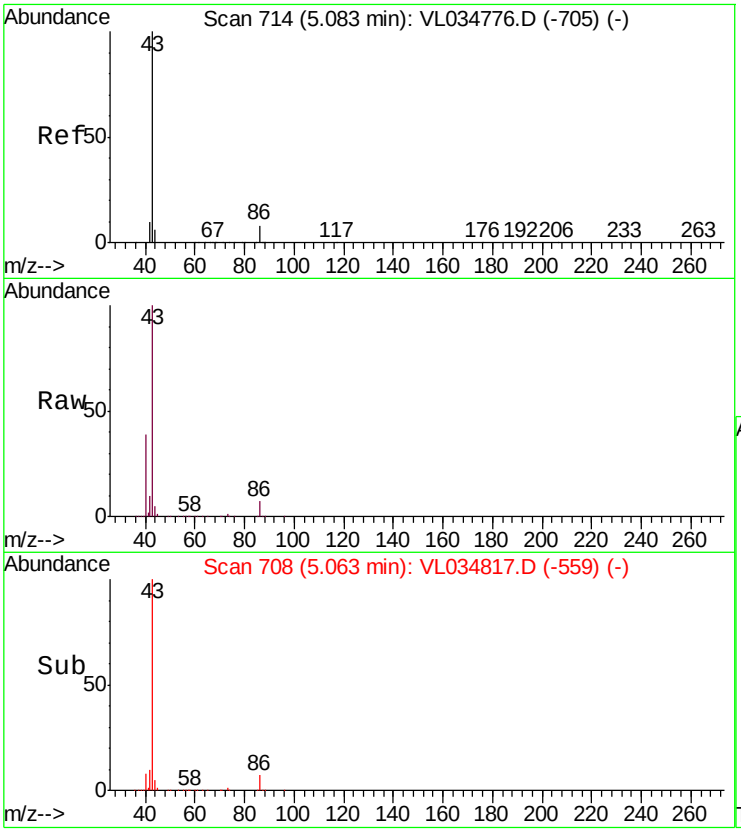




#22
trans-1,2-Dichloroethene
Concen: 10.222 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 96 Resp: 203800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 170.2 | 135.2 | 202.8 |
| 98 | 63.9 | 50.8 | 76.2 |



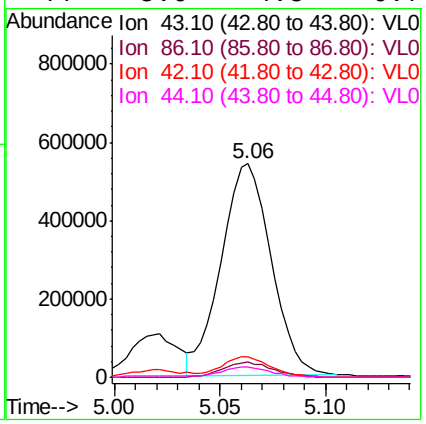


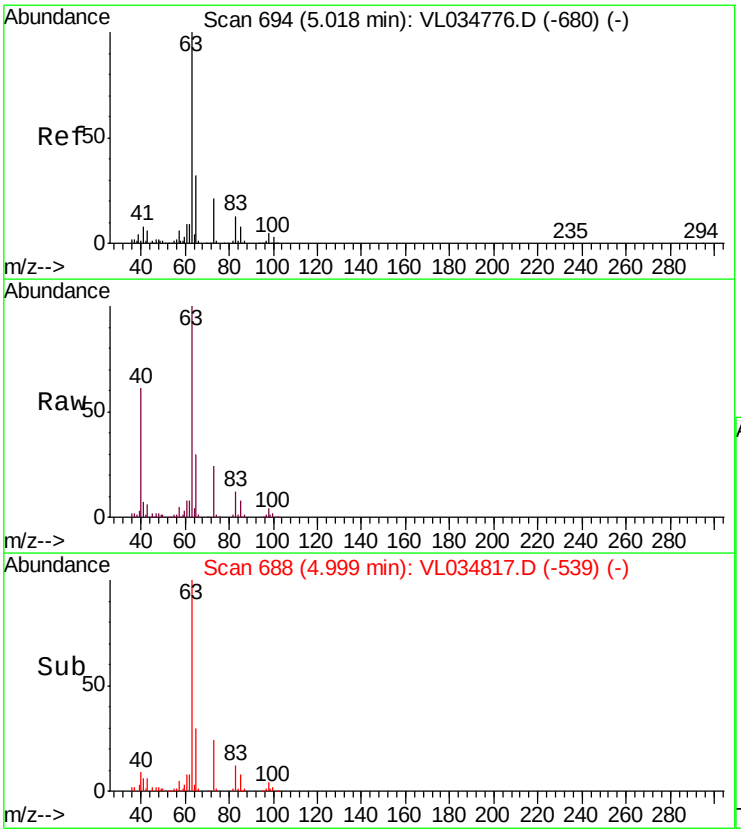

#23
Vinyl Acetate
Concen: 12.098 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 43 Resp: 892847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.3 | 5.9 | 8.9 |
| 42 | 9.6 | 8.2 | 12.2 |
| 44 | 5.0 | 4.5 | 6.7 |

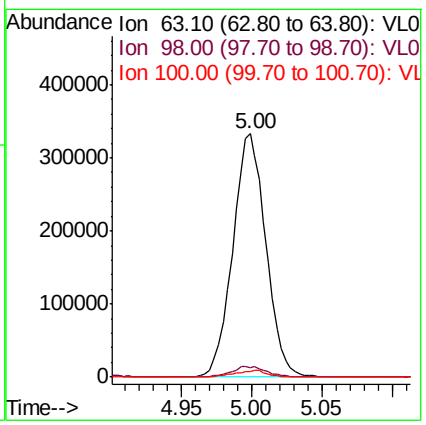


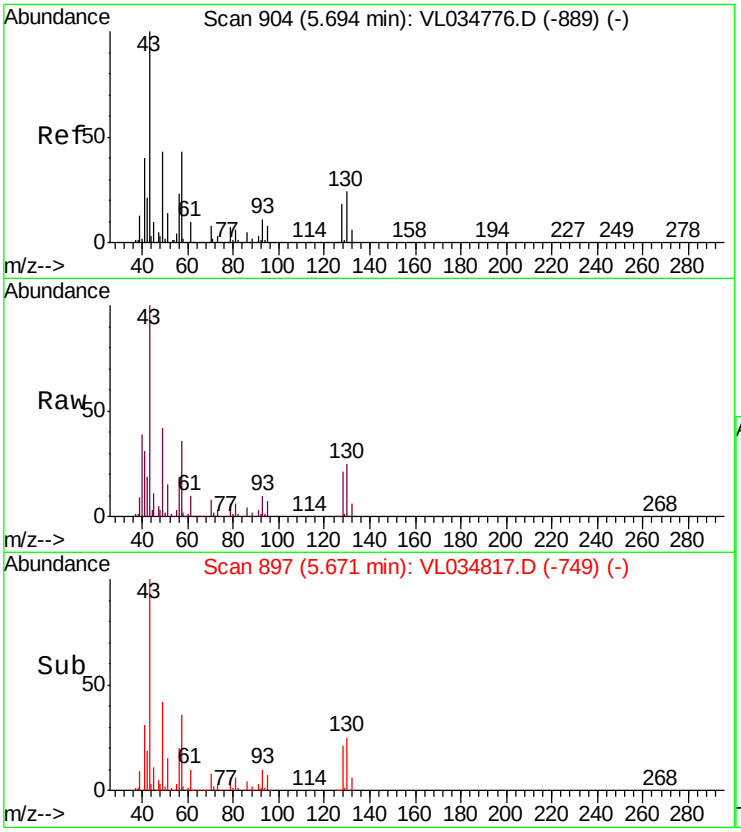




#24
1,1-Dichloroethane
Concen: 9.547 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 63 Resp: 546904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 3.9 | 2.3 | 6.8 |
| 100 | 2.5 | 1.5 | 4.4 |



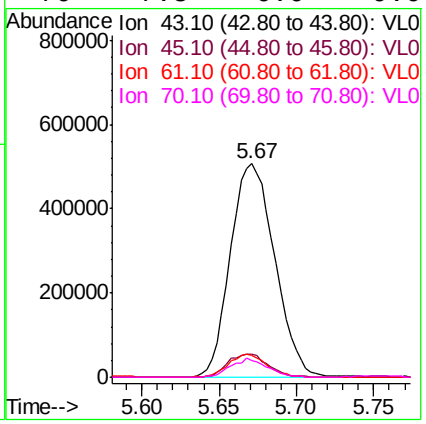


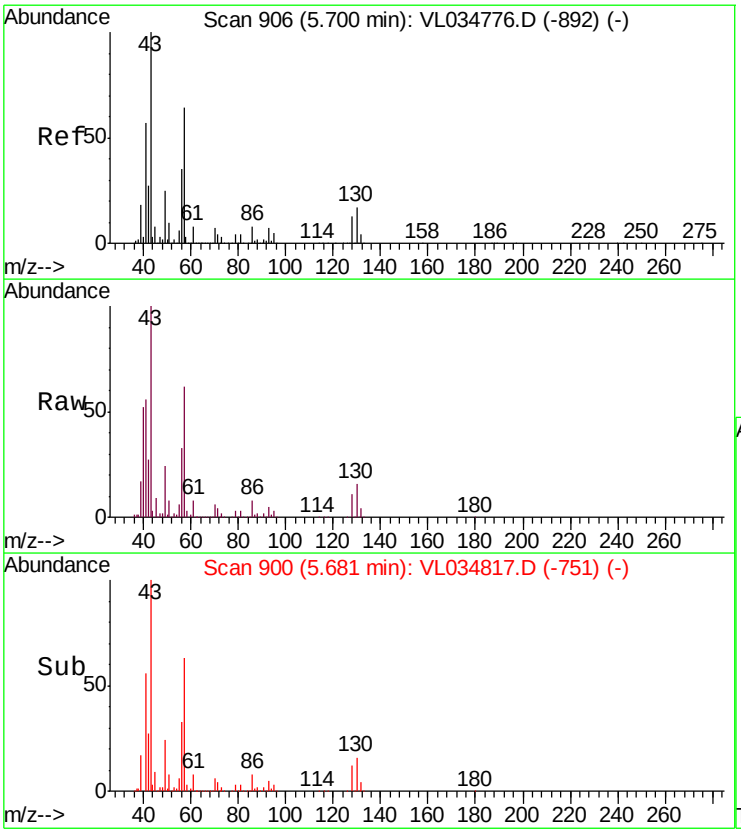

#25
Ethyl Acetate
Concen: 10.574 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 43 Resp: 1005686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 10.0 | 8.2 | 12.4 |
| 61 | 9.4 | 7.5 | 11.3 |
| 70 | 7.3 | 6.0 | 9.0 |

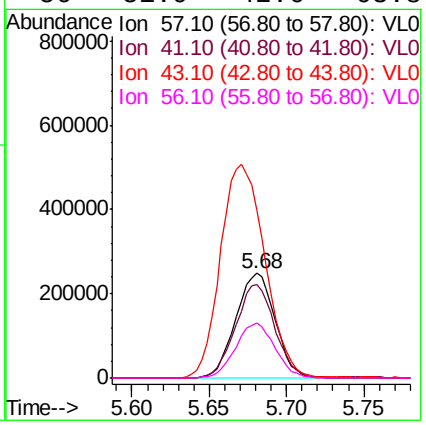


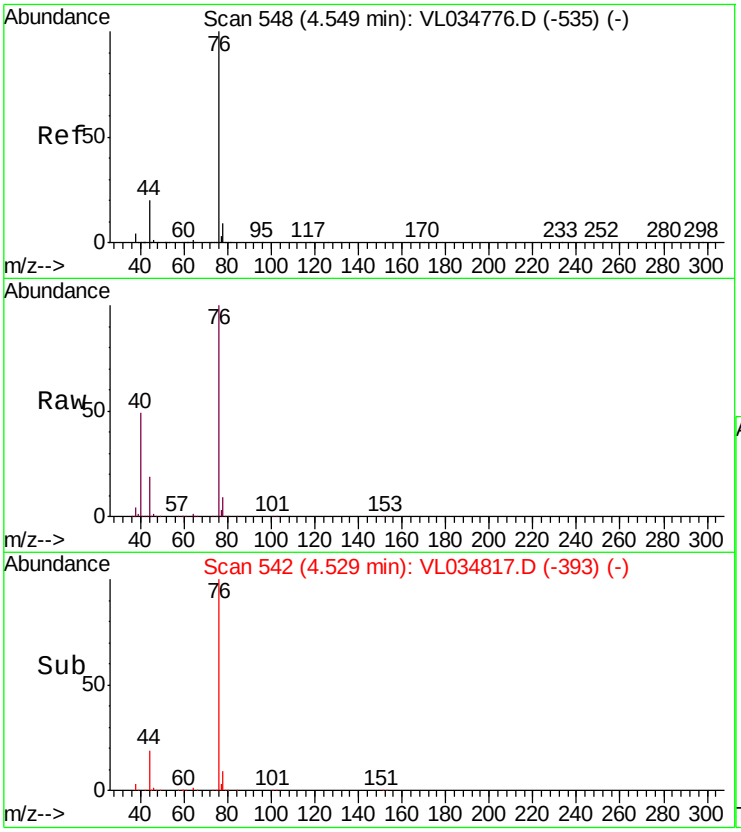




#26
Hexane
Concen: 10.591 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 57 Resp: 440033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 89.5 | 72.0 | 108.0 |
| 43 | 230.8 | 179.1 | 268.7 |
| 56 | 51.9 | 42.6 | 63.8 |



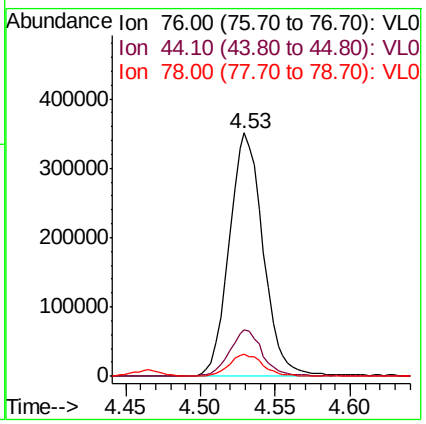


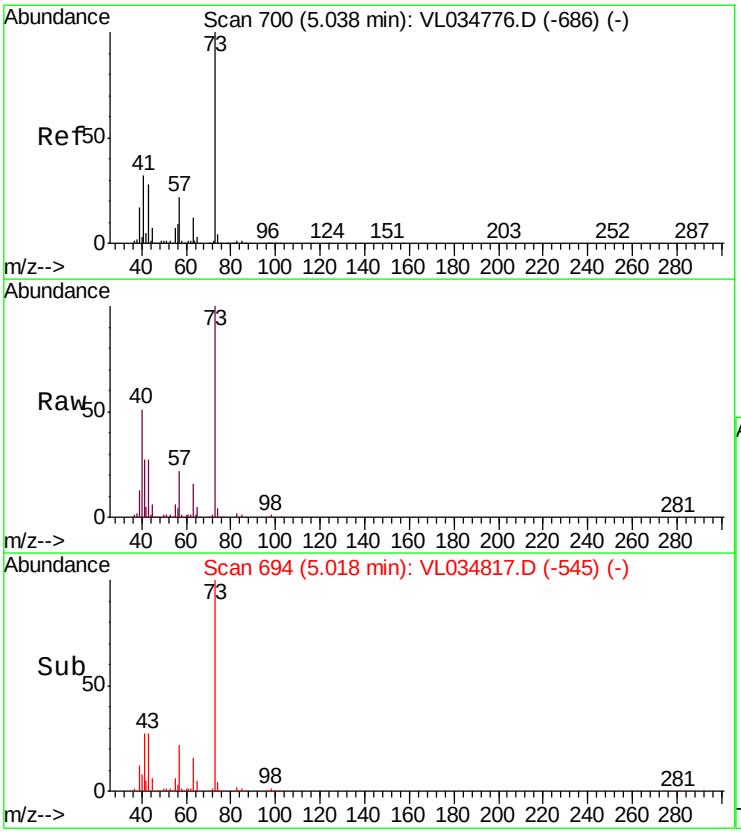

#27
Carbon Disulfide
Concen: 11.433 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 76 Resp: 554960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 18.8 | 16.1 | 24.1 |
| 78 | 9.0 | 7.5 | 11.3 |

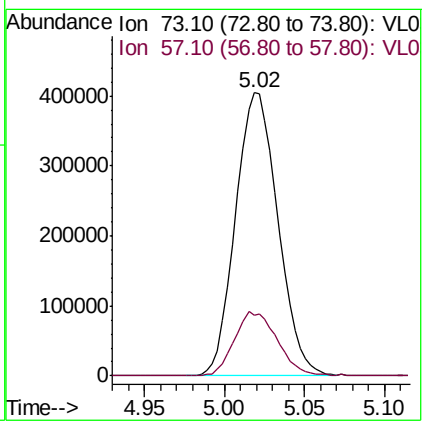


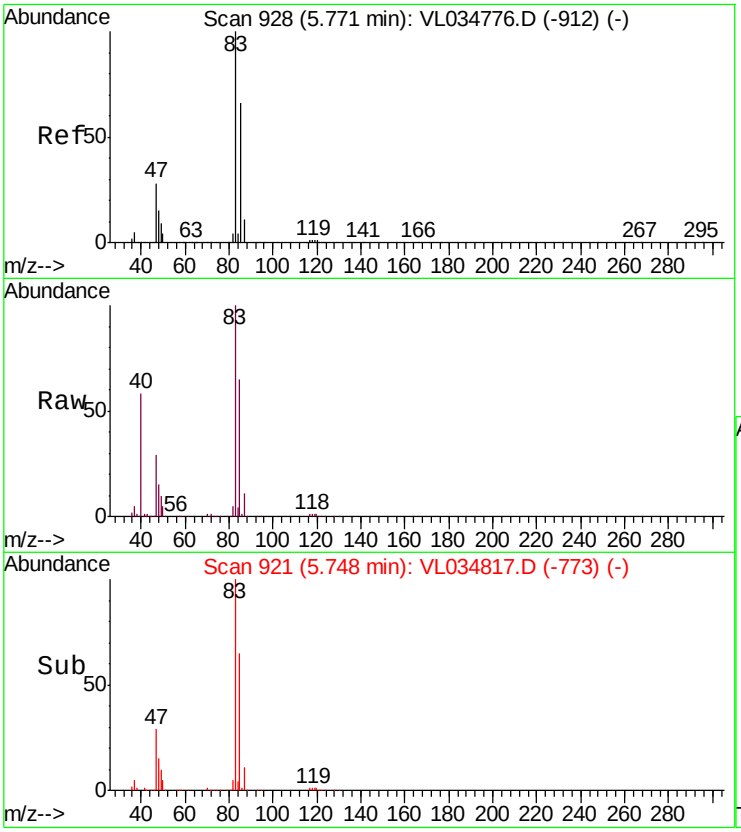




#28
Methyl tert-Butyl Ether
Concen: 11.847 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 73 Resp: 732655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.1 | 18.5 | 27.7 |



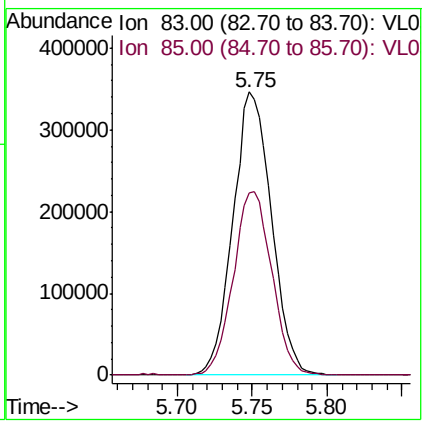


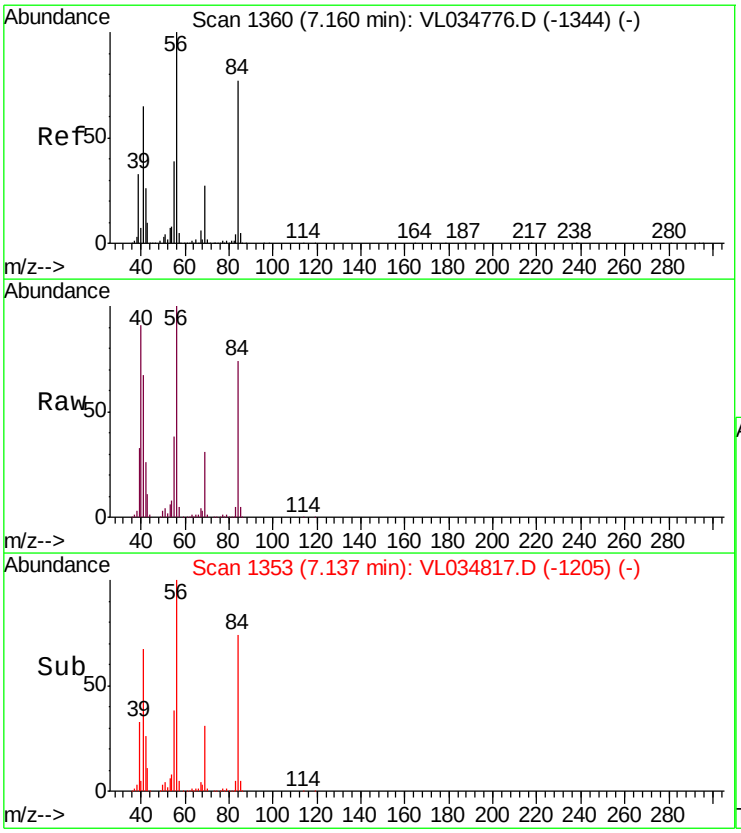

#29
Chloroform
Concen: 8.895 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 83 Resp: 622131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 53.0 | 79.4 |

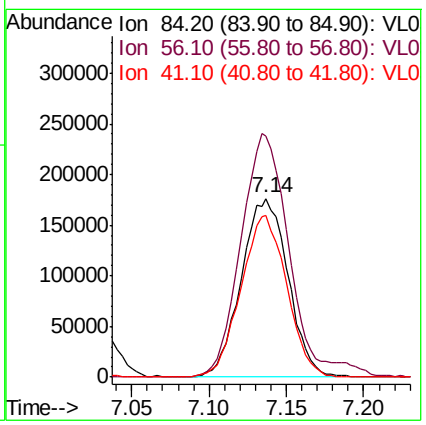


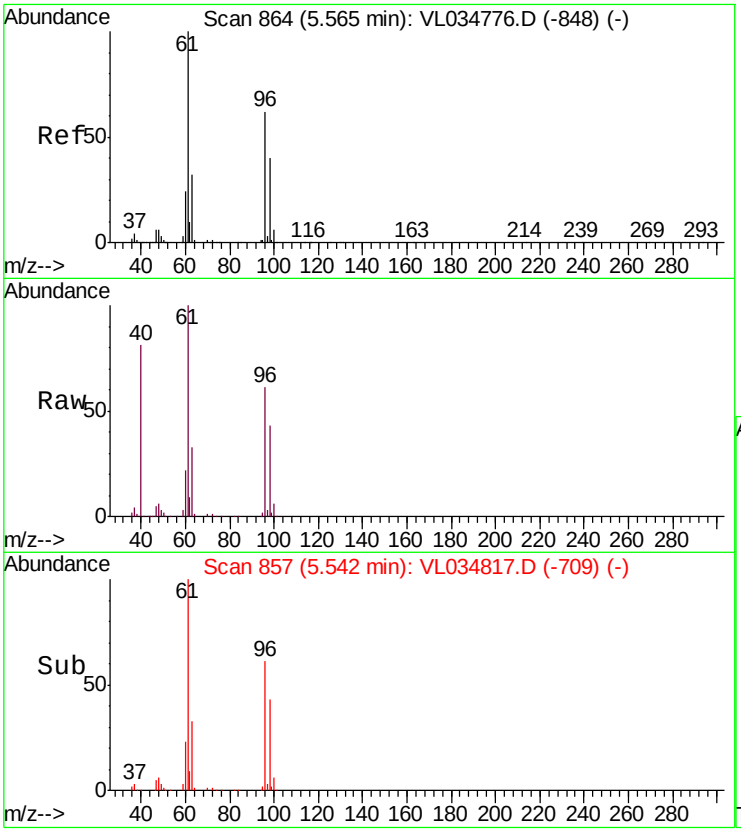




#30
Cyclohexane
Concen: 11.644 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 84 Resp: 370111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 142.6 | 113.2 | 169.8 |
| 41 | 88.9 | 70.2 | 105.4 |



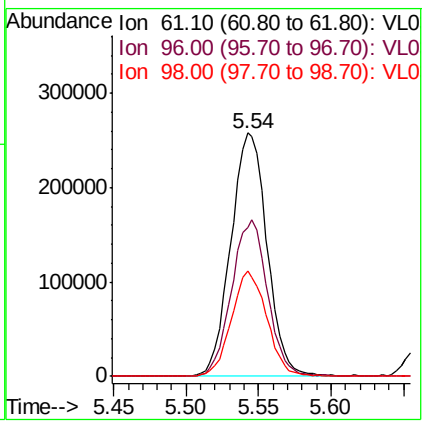


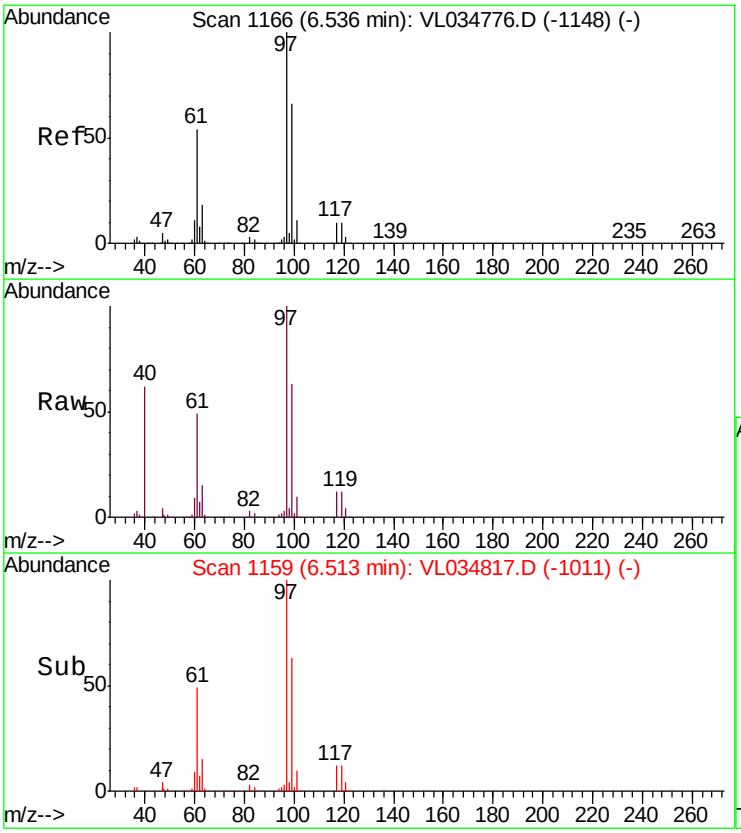

#31
cis-1,2-Dichloroethene
Concen: 10.471 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 61 Resp: 446248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 61.3 | 49.7 | 74.5 |
| 98 | 43.1 | 31.9 | 47.9 |

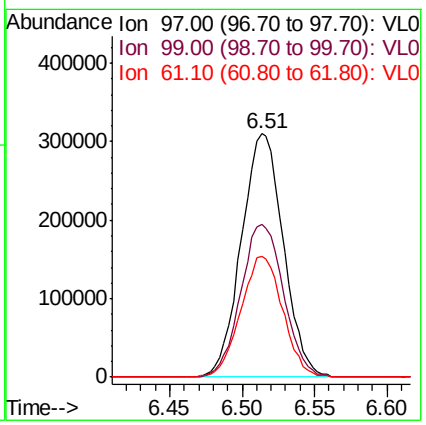


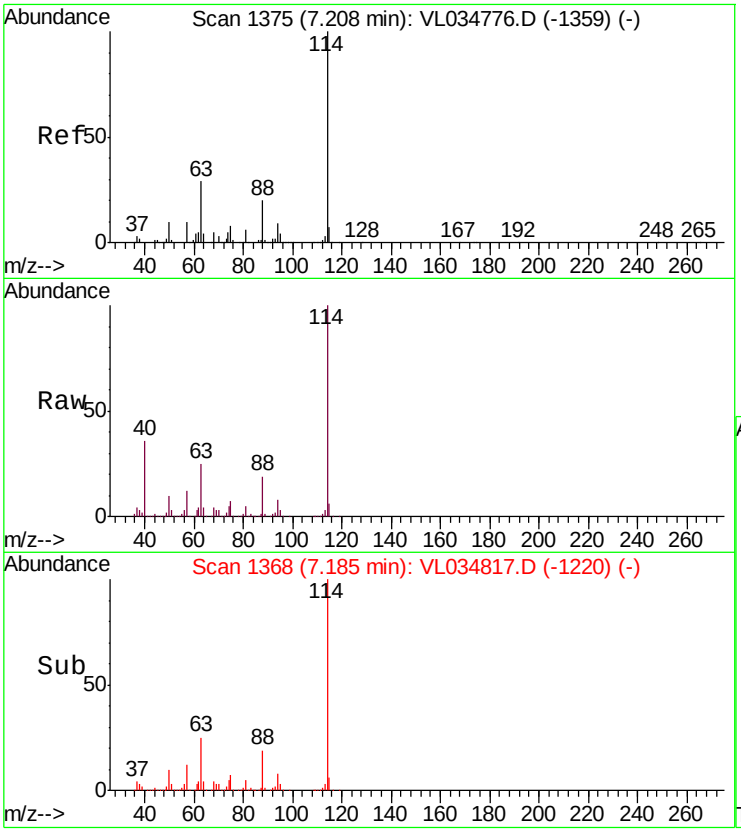




#32
1,1,1-Trichloroethane
Concen: 9.056 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 97 Resp: 625900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.2 | 51.7 | 77.5 |
| 61 | 49.6 | 43.4 | 65.0 |



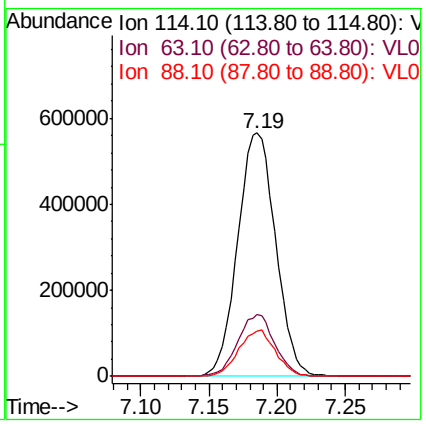


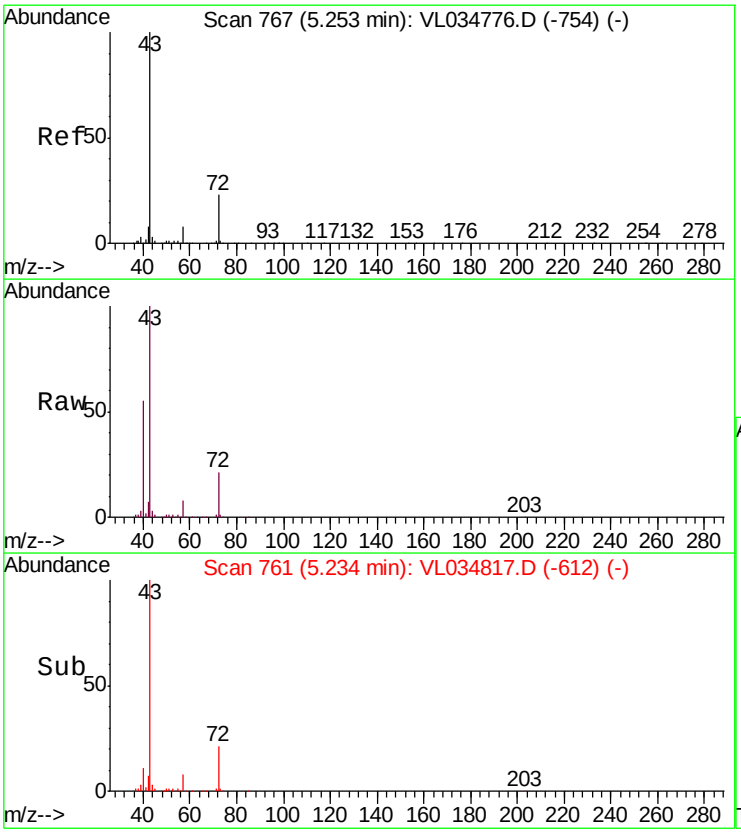

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:114 Resp: 1094520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 25.0 | 23.6 | 35.4 |
| 88 | 18.3 | 15.8 | 23.8 |

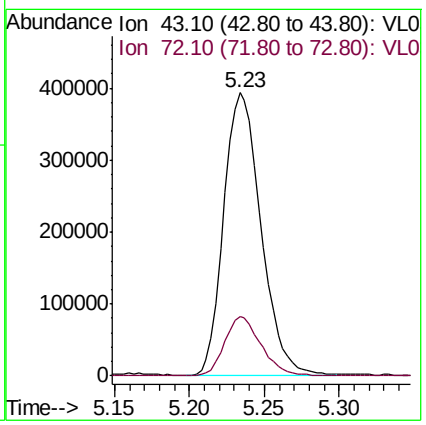


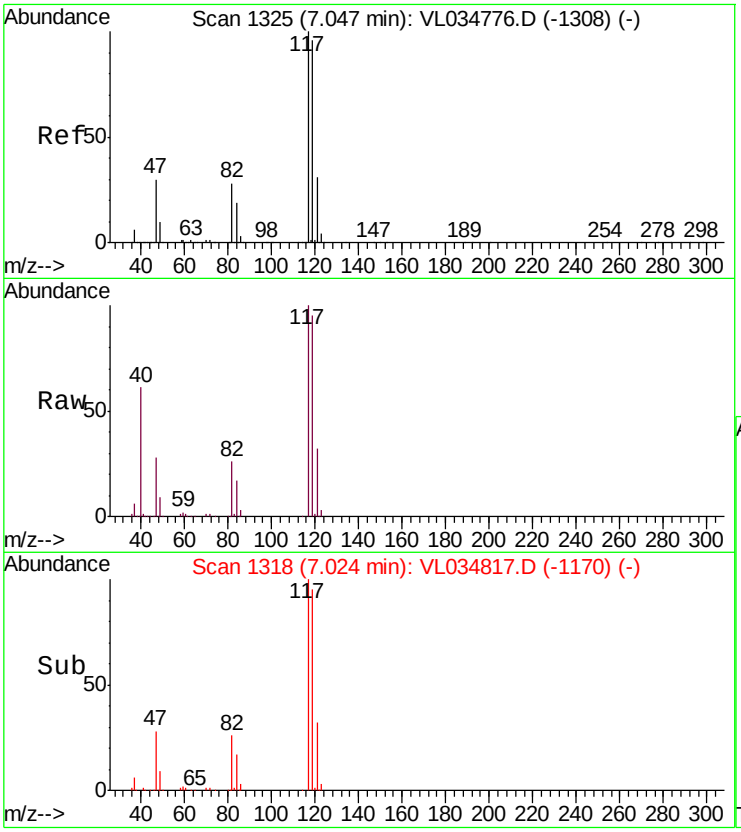




#34
2-Butanone
Concen: 9.575 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 43 Resp: 681808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 20.7 | 17.5 | 26.3 |



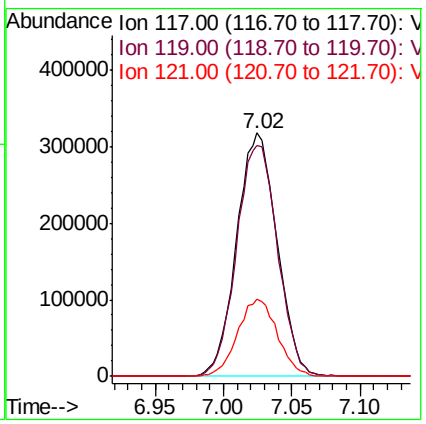


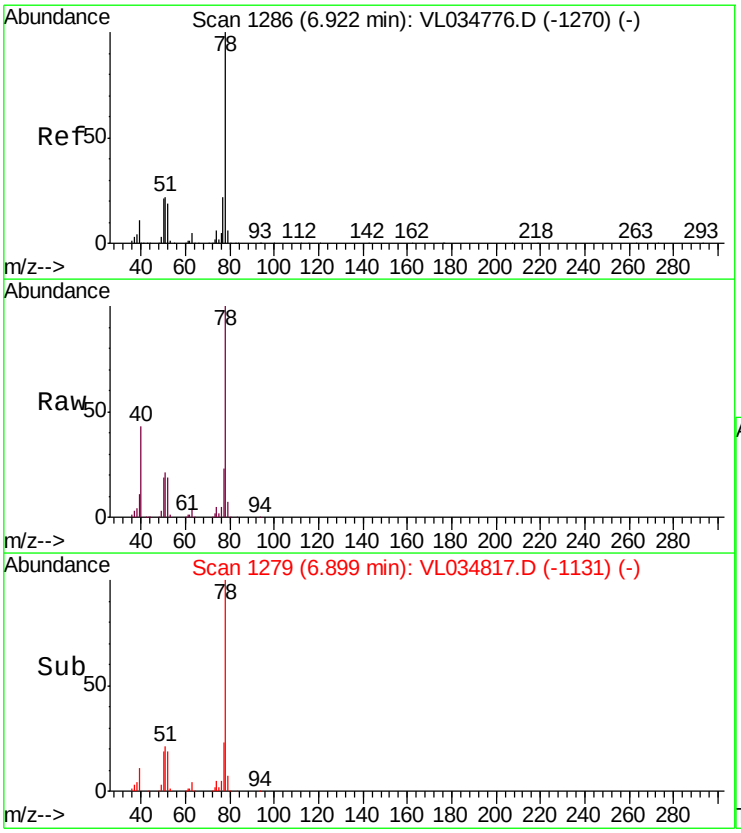

#35
Carbon Tetrachloride
Concen: 7.898 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:117 Resp: 652274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.8 | 76.8 | 115.2 |
| 121 | 31.7 | 24.6 | 37.0 |

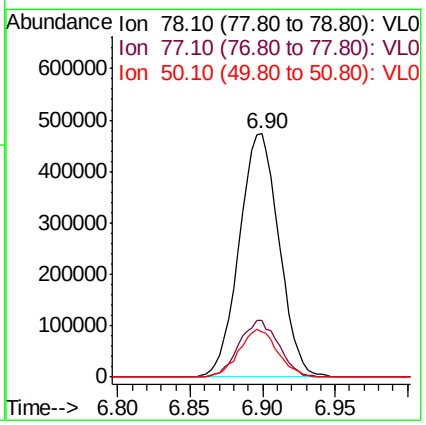


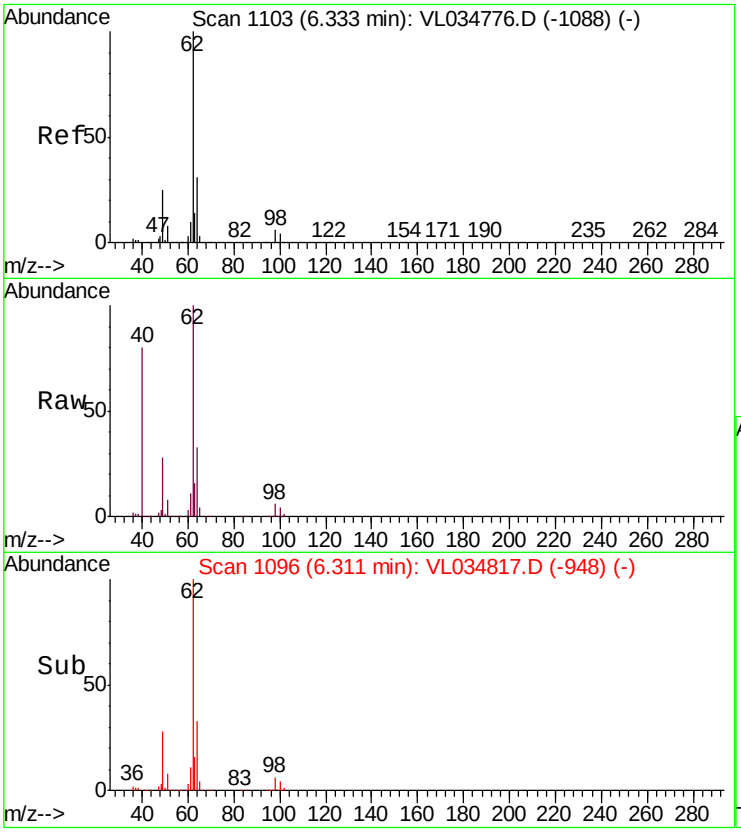




#36
Benzene
Concen: 9.693 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 78 Resp: 906521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.4 | 18.0 | 27.0 |
| 50 | 18.7 | 16.9 | 25.3 |



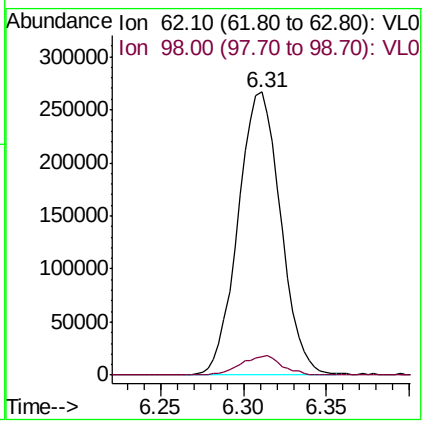


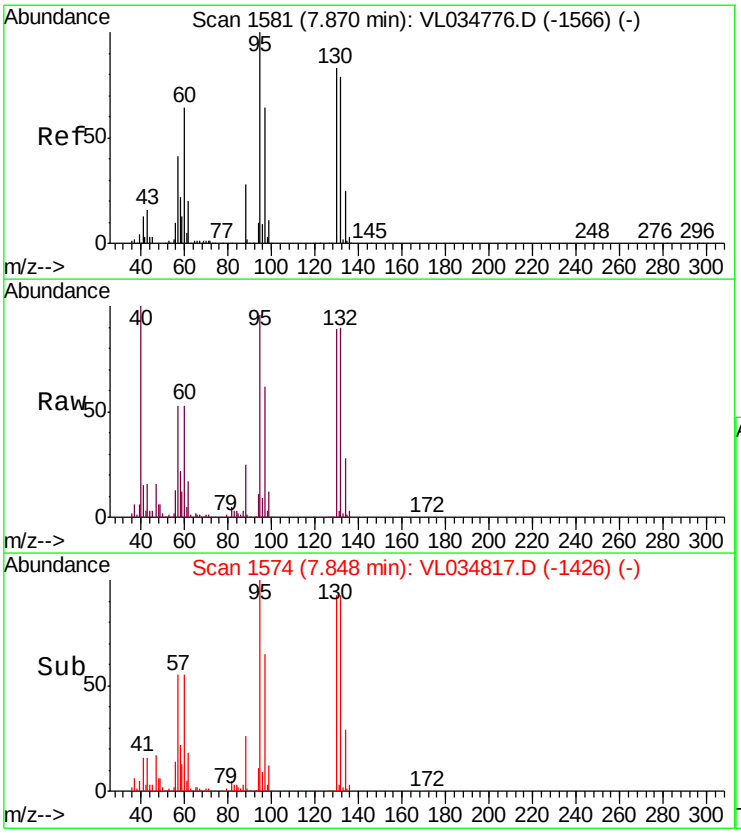

#37
1,2-Dichloroethane
Concen: 7.483 ppbv
RT: 6.31 min Scan# 1096
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 62 Resp: 478016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.7 | 4.4 | 6.6# |

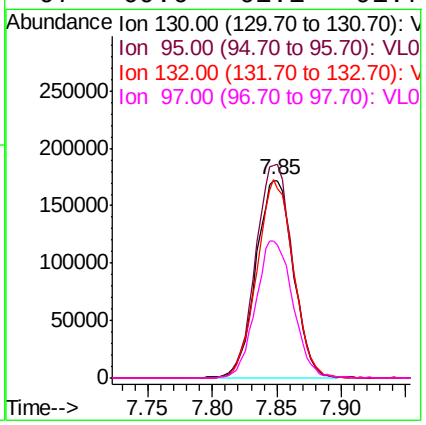


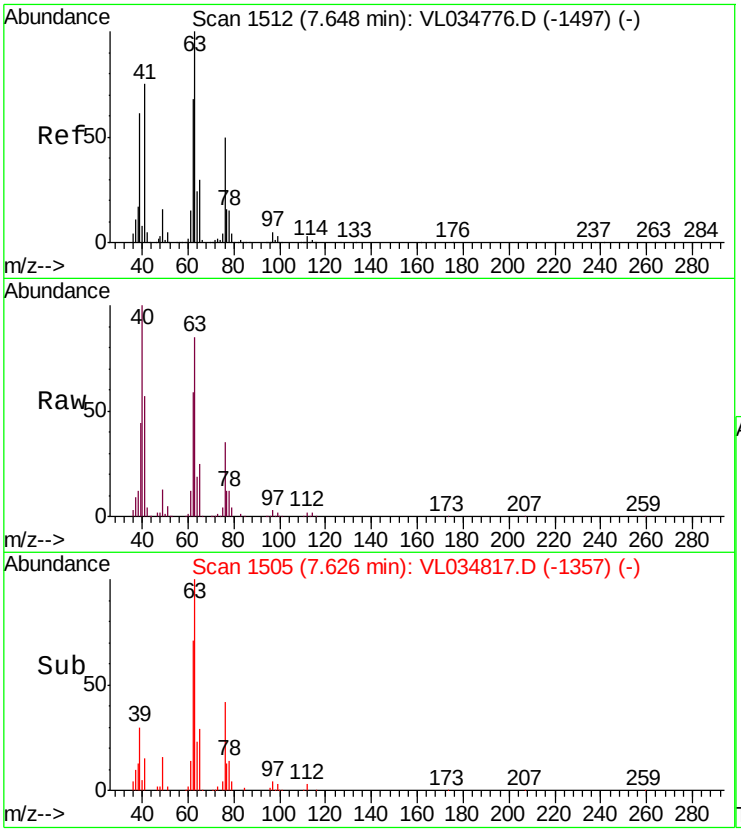




#38
Trichloroethene
Concen: 9.519 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:130 Resp: 347006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 107.9 | 95.8 | 143.8 |
| 132 | 100.5 | 76.1 | 114.1 |
| 97 | 69.6 | 61.1 | 91.7 |



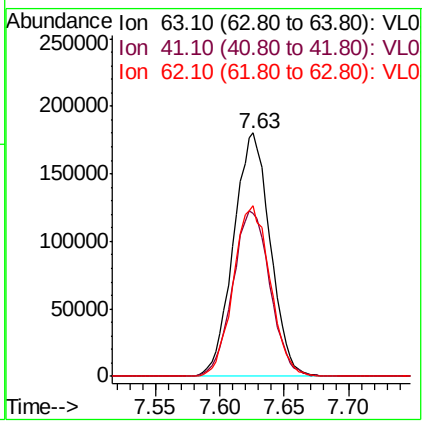


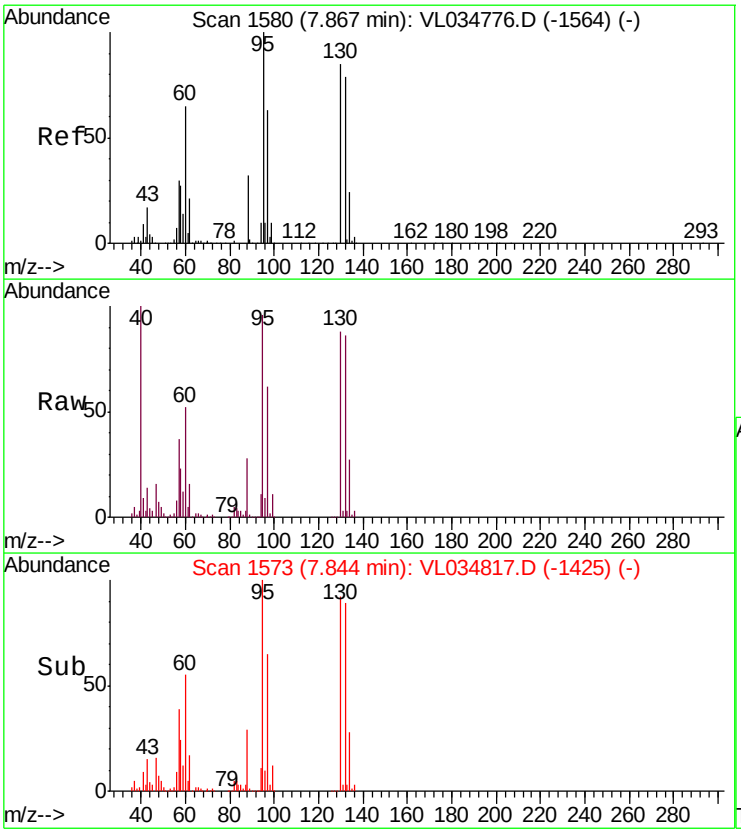

#39
1,2-Dichloropropane
Concen: 9.473 ppbv
RT: 7.63 min Scan# 1505
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 63 Resp: 357547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 66.7 | 60.3 | 90.5 |
| 62 | 70.0 | 54.5 | 81.7 |

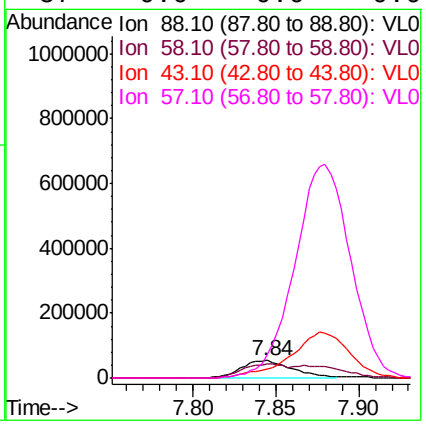


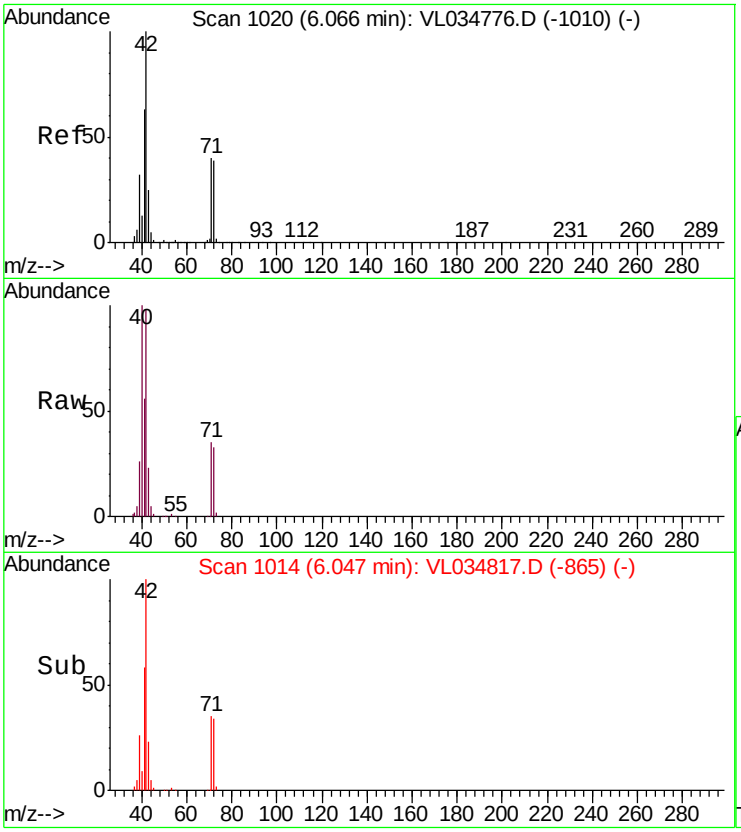




#40
1,4-Dioxane
Concen: 8.796 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 88 Resp: 114836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 140.7 | 110.6 | 166.0 |
| 43 | 0.0 | 0.0 | 0.0 |
| 57 | 0.0 | 0.0 | 0.0 |



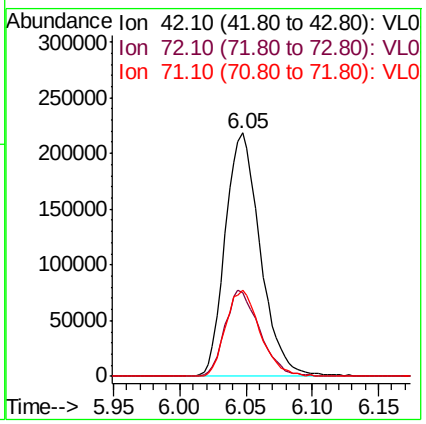


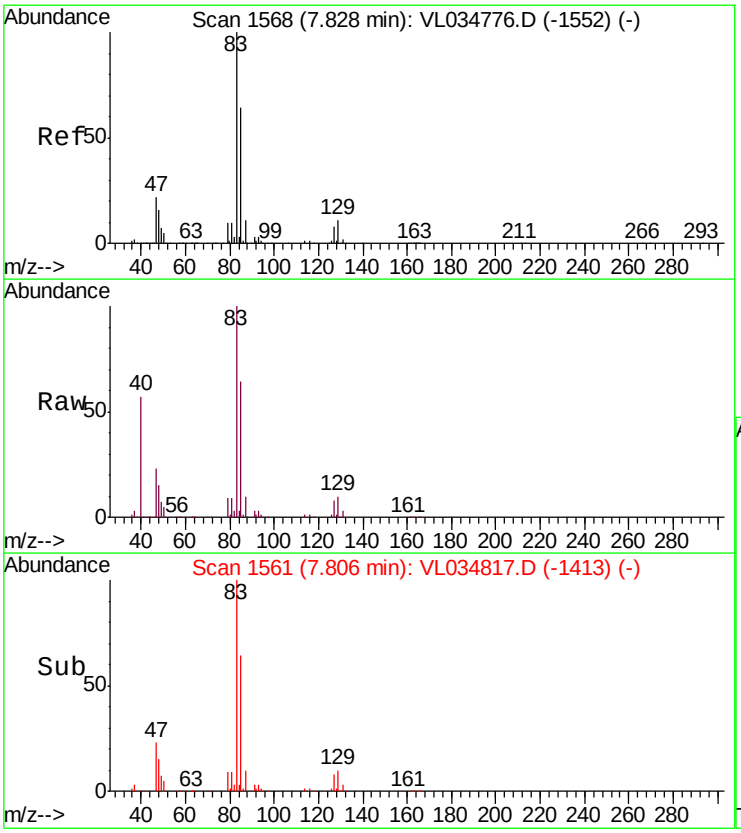

#41
Tetrahydrofuran
Concen: 11.043 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 42 Resp: 401215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 35.3 | 32.0 | 48.0 |
| 71 | 35.1 | 31.3 | 46.9 |

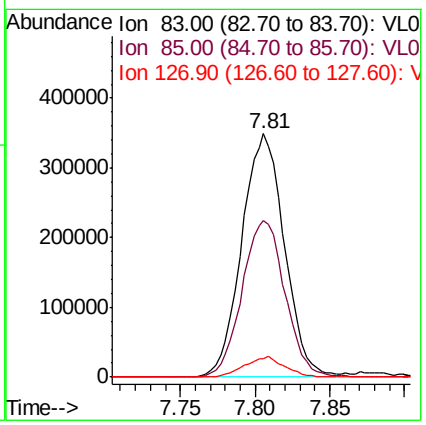


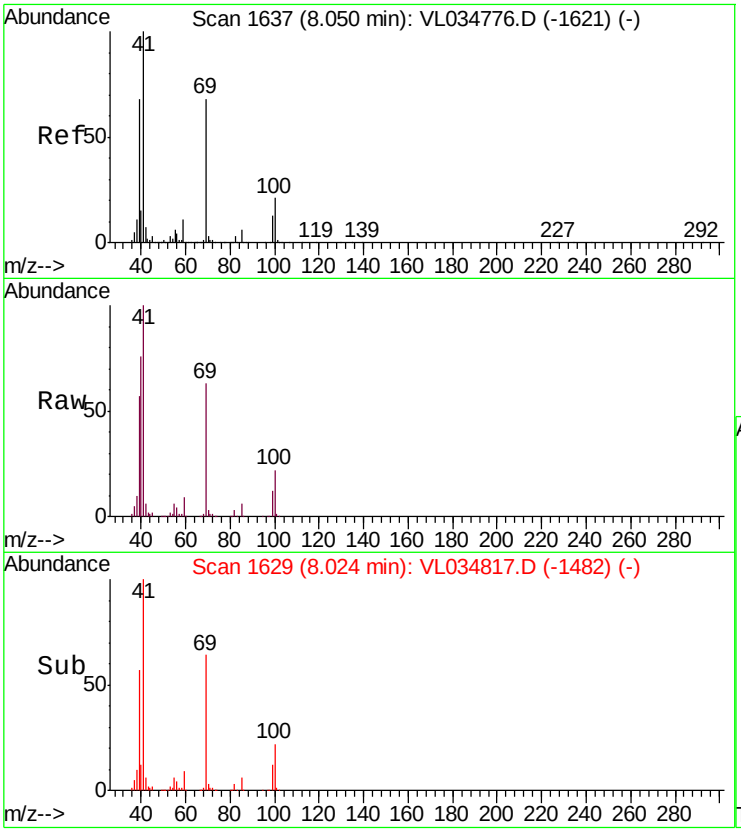




#42
Bromodichloromethane
Concen: 8.549 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 83 Resp: 690992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.2 | 50.8 | 76.2 |
| 127 | 7.6 | 6.5 | 9.7 |



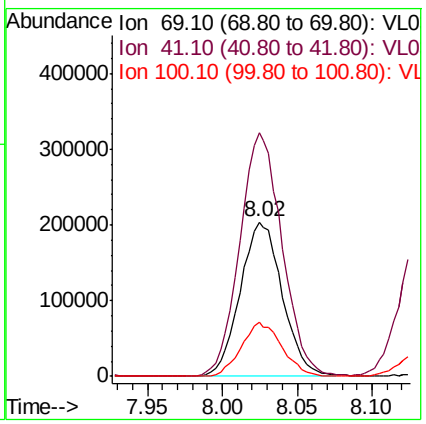


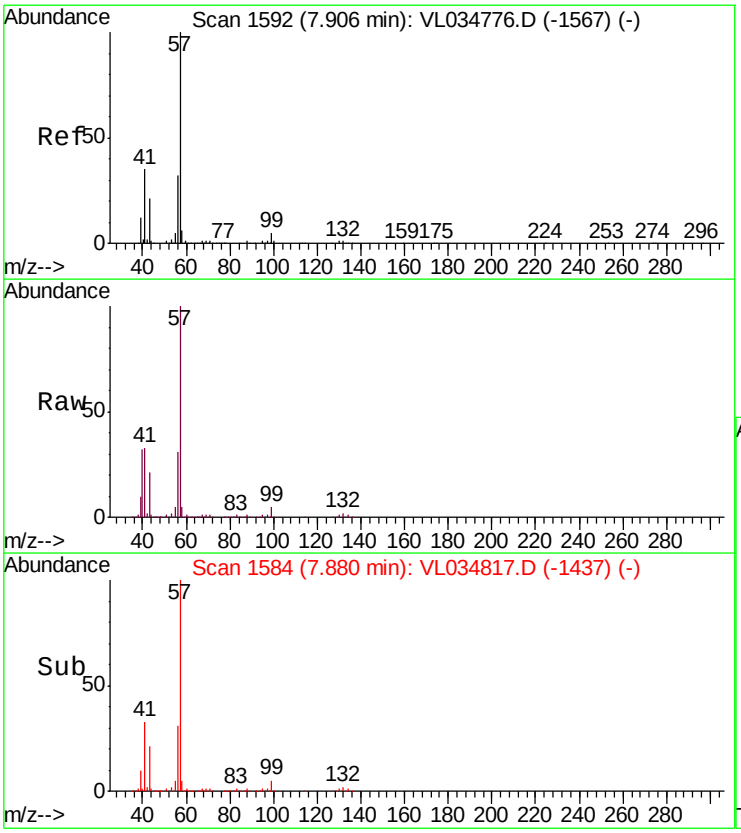

#43
Methyl Methacrylate
Concen: 10.067 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 69 Resp: 398988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 158.1 | 121.6 | 182.4 |
| 100 | 34.0 | 23.8 | 35.8 |

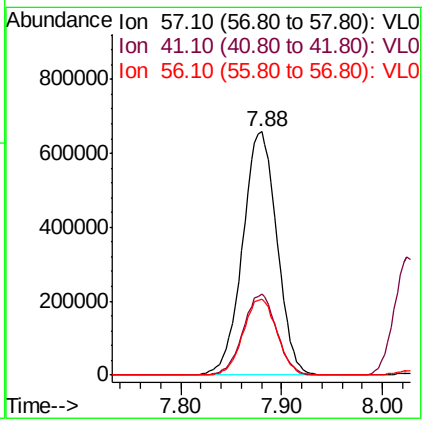


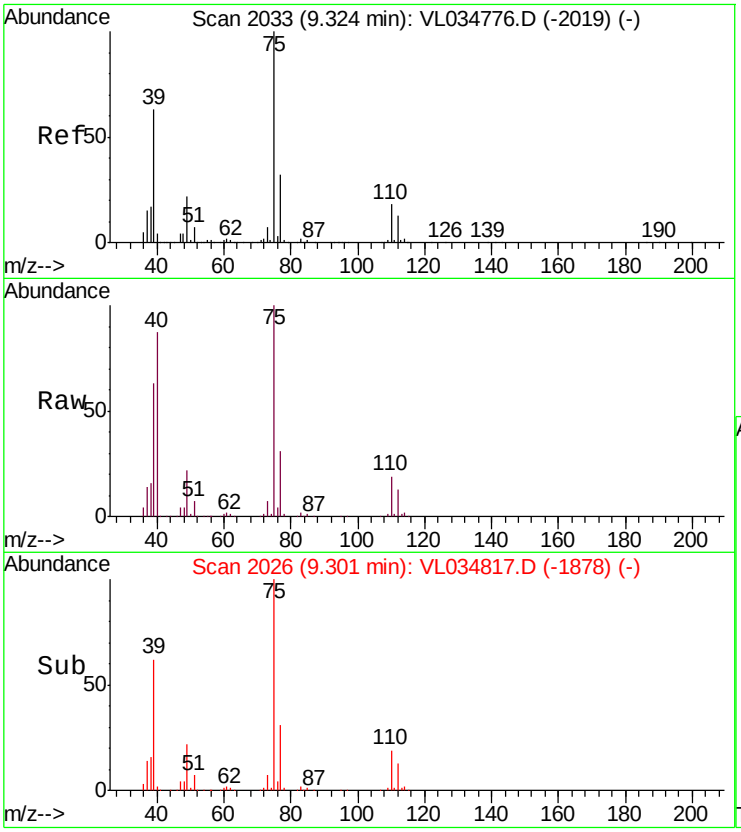




#44
2,2,4-Trimethylpentane
Concen: 9.488 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 57 Resp: 1550758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 32.4 | 27.4 | 41.0 |
| 56 | 30.7 | 25.0 | 37.6 |



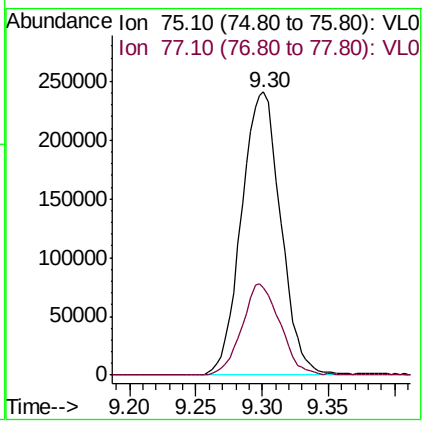


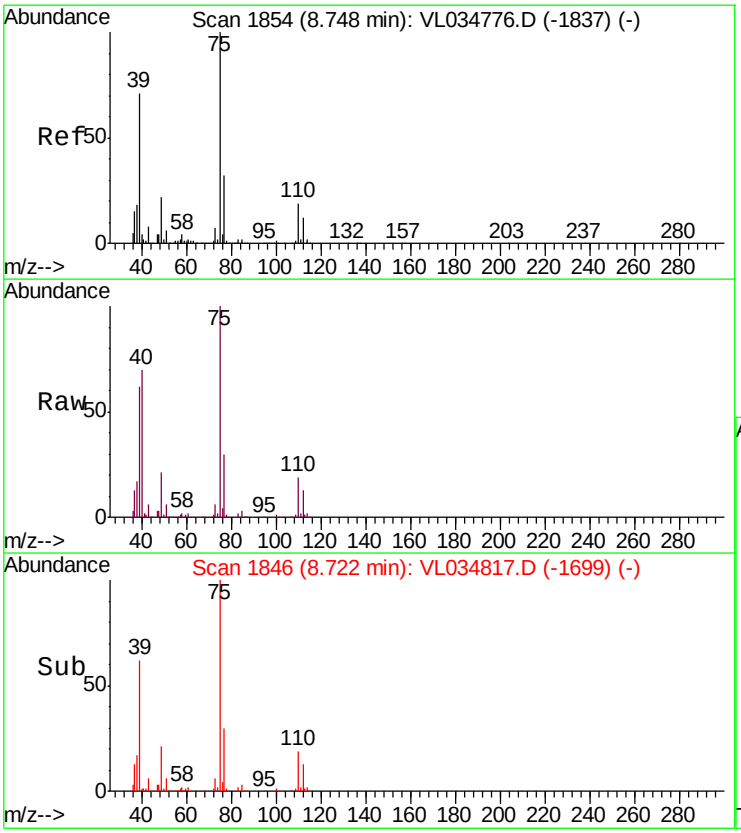

#45
t-1,3-Dichloropropene
Concen: 11.960 ppbv
RT: 9.30 min Scan# 2026
Delta R.T. -0.02 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 75 Resp: 497609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.8 | 25.6 | 38.4 |

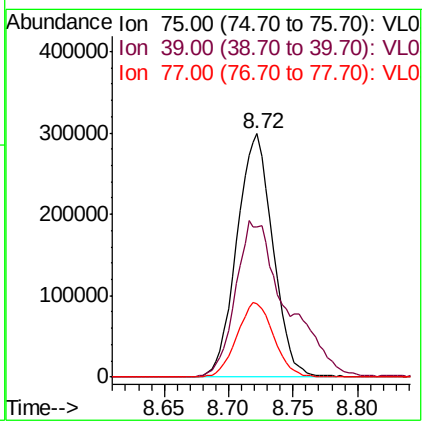


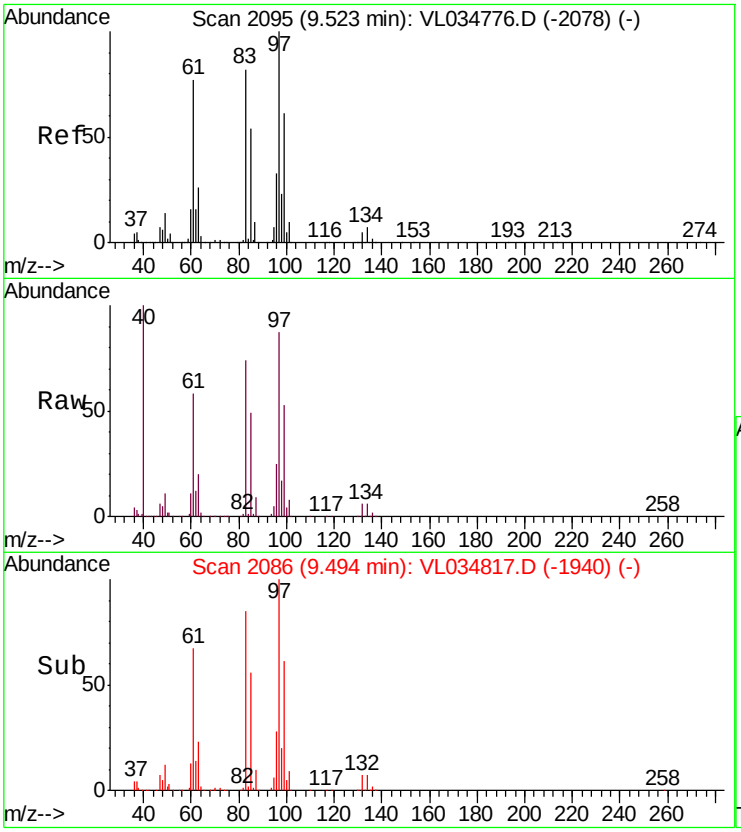




#46
cis-1,3-Dichloropropene
Concen: 11.446 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 75 Resp: 581504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 61.7 | 56.9 | 85.3 |
| 77 | 30.0 | 25.7 | 38.5 |



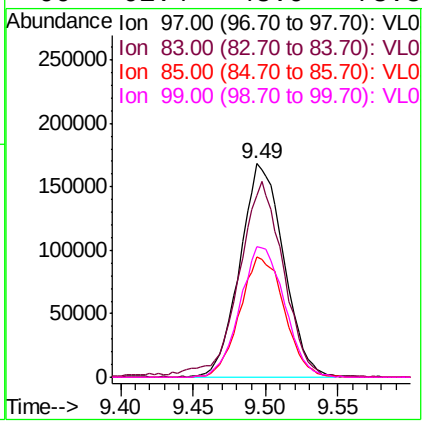


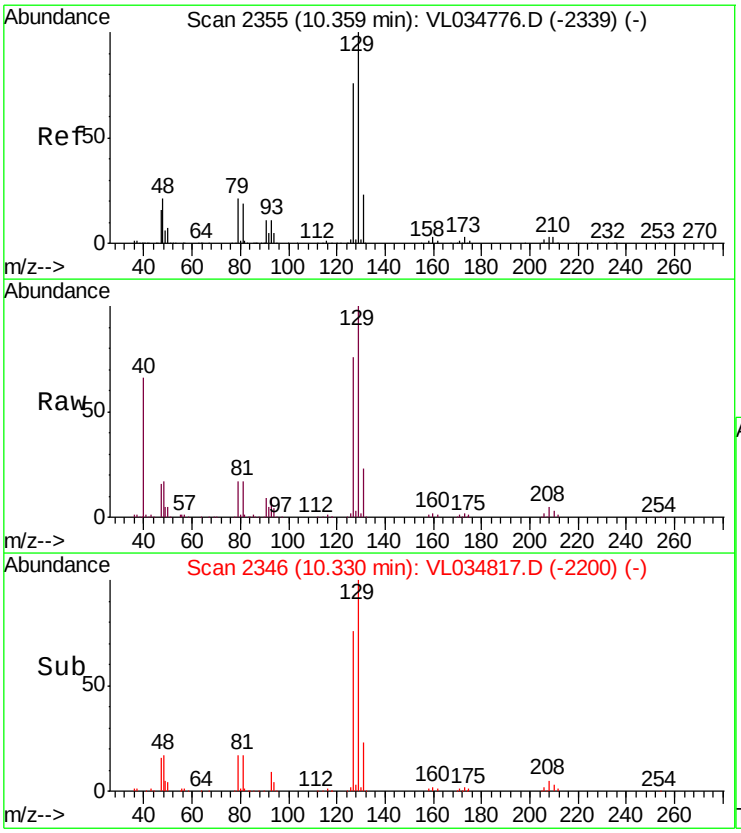

#47
1,1,2-Trichloroethane
Concen: 8.803 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 97 Resp: 350777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.8 | 65.2 | 97.8 |
| 85 | 56.5 | 43.6 | 65.4 |
| 99 | 61.4 | 48.9 | 73.3 |

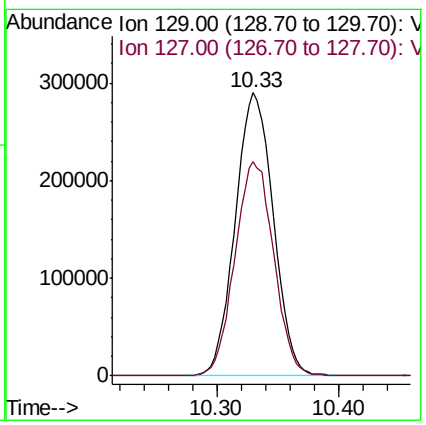


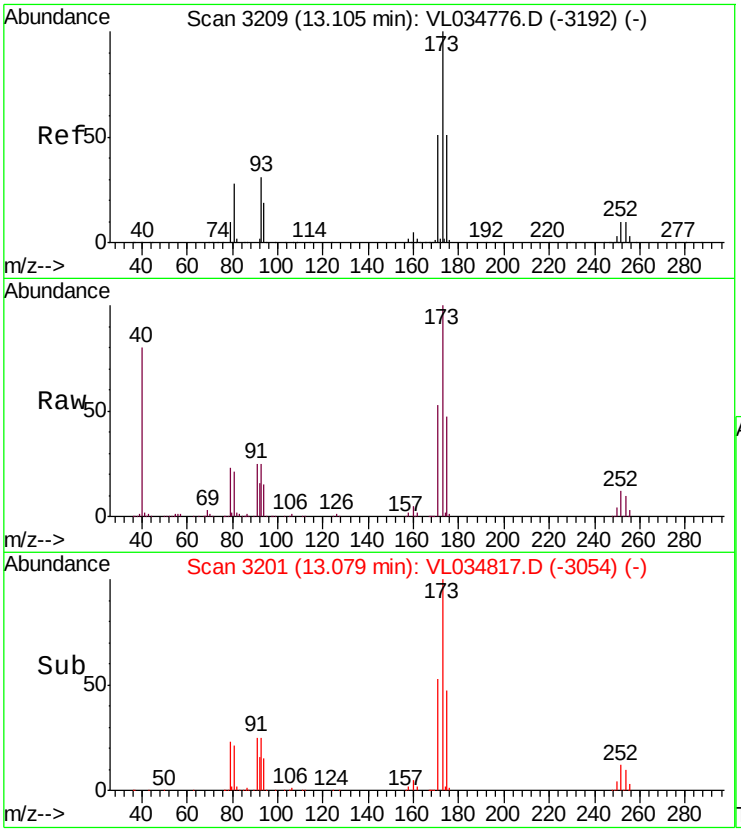




#48
Dibromochloromethane
Concen: 10.026 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:129 Resp: 624729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.2 | 39.0 | 117.0 |



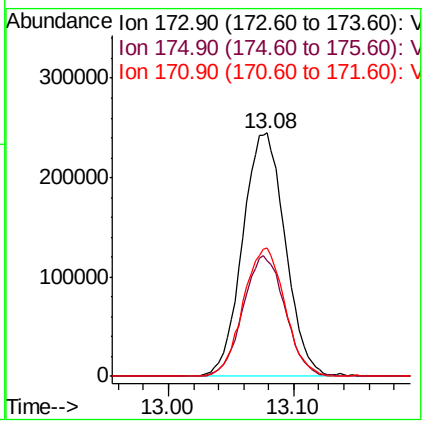


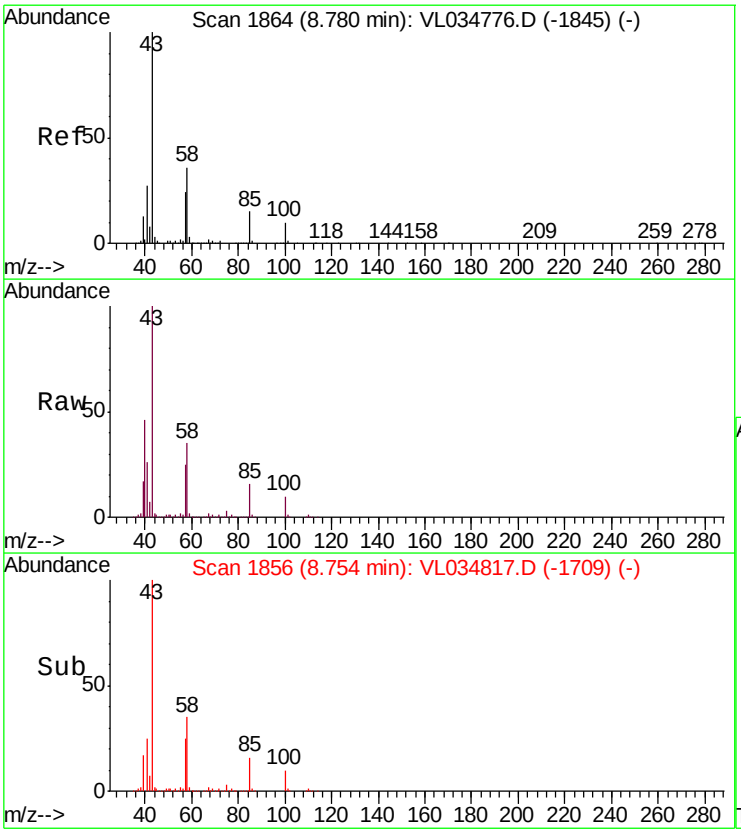

#49
Bromoform
Concen: 10.596 ppbv
RT: 13.08 min Scan# 3201
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:173 Resp: 576169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 39.8 | 59.6 |
| 171 | 52.0 | 41.0 | 61.4 |

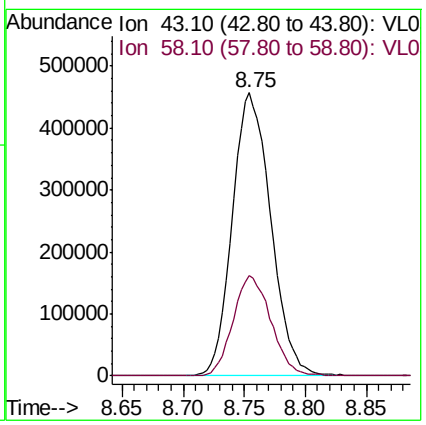


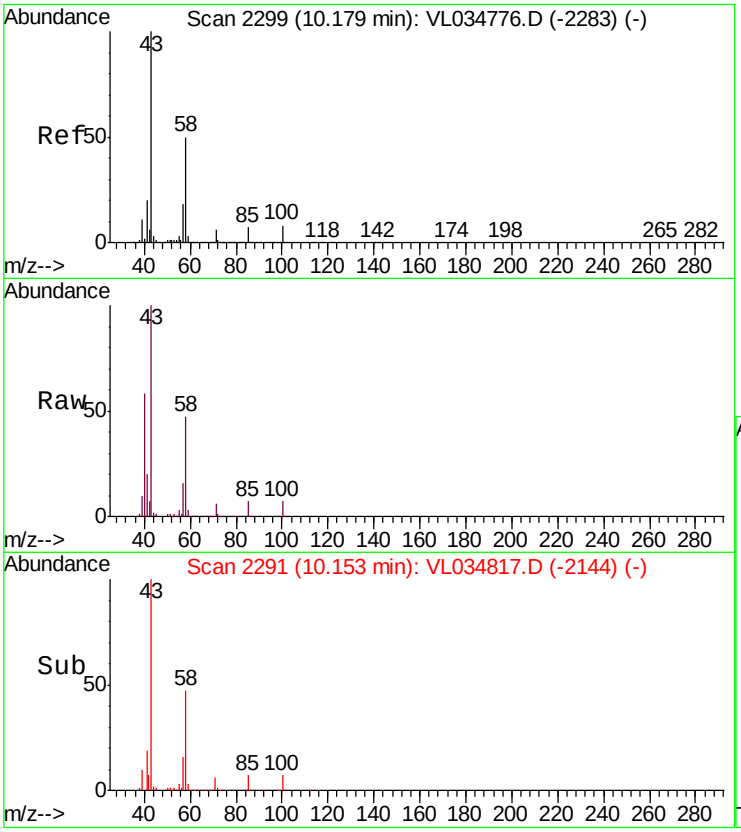




#50
4-Methyl-2-Pentanone
Concen: 9.783 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 43 Resp: 998122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.8 | 28.7 | 43.1 |



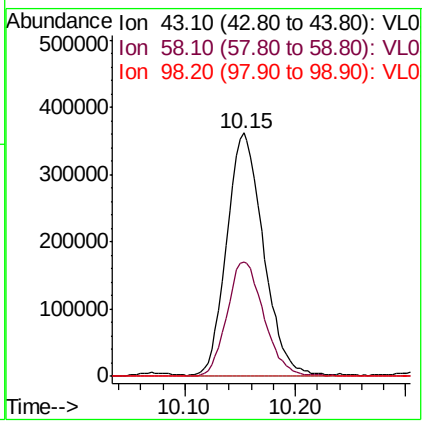


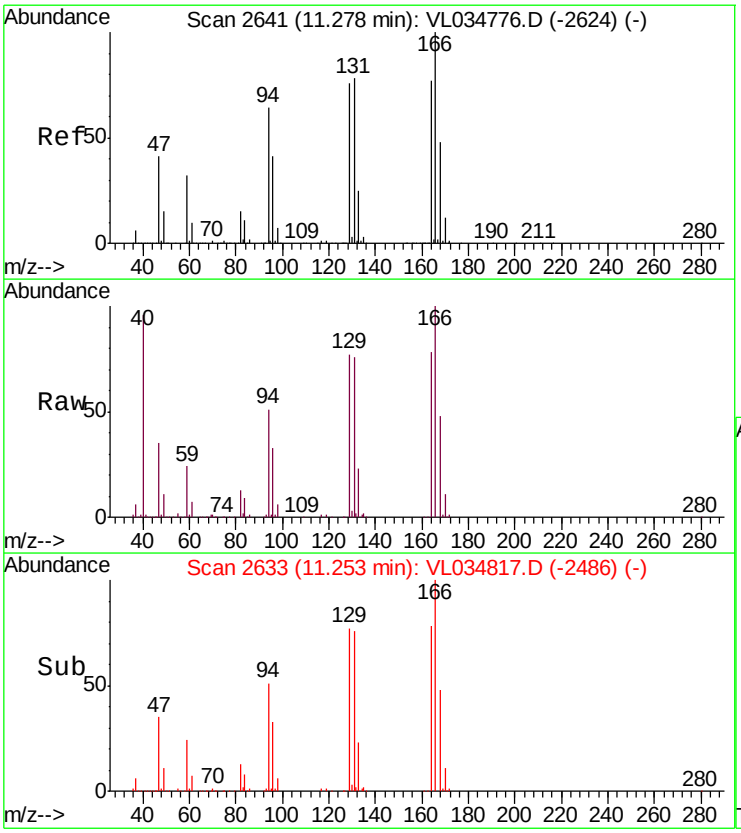

#51
2-Hexanone
Concen: 10.369 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 43 Resp: 829873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 47.8 | 38.6 | 58.0 |
| 98 | 0.0 | 0.2 | 0.4# |

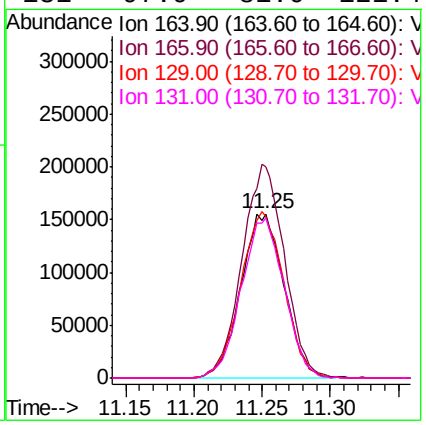


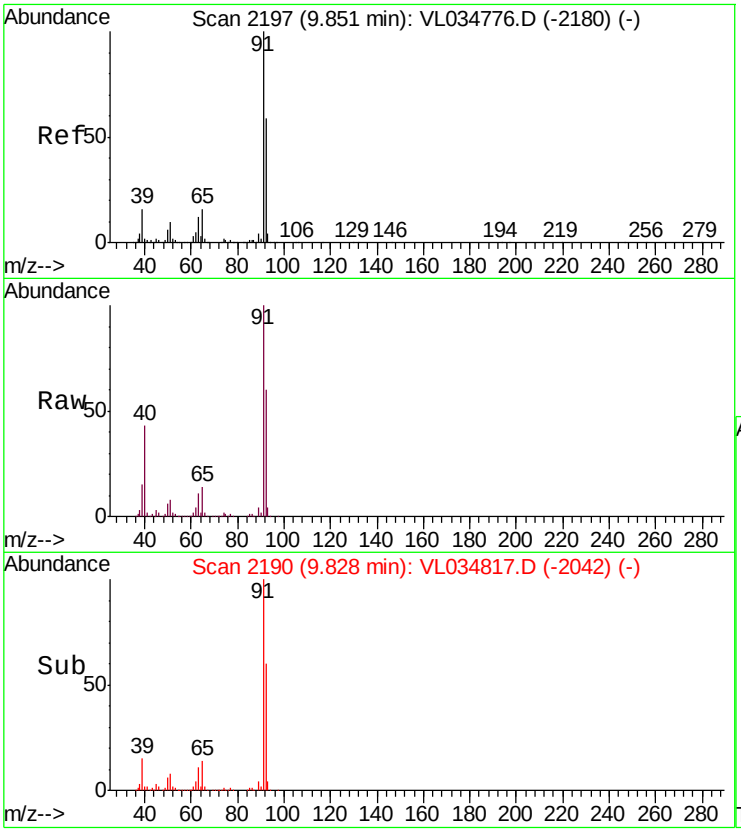




#52
Tetrachloroethene
Concen: 9.928 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:164 Resp: 343049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.6 | 103.3 | 154.9 |
| 129 | 98.6 | 79.0 | 118.4 |
| 131 | 97.9 | 81.0 | 121.4 |



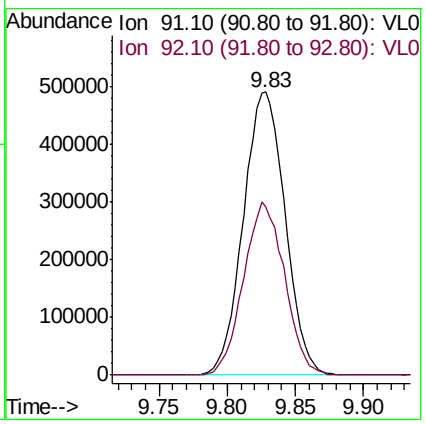


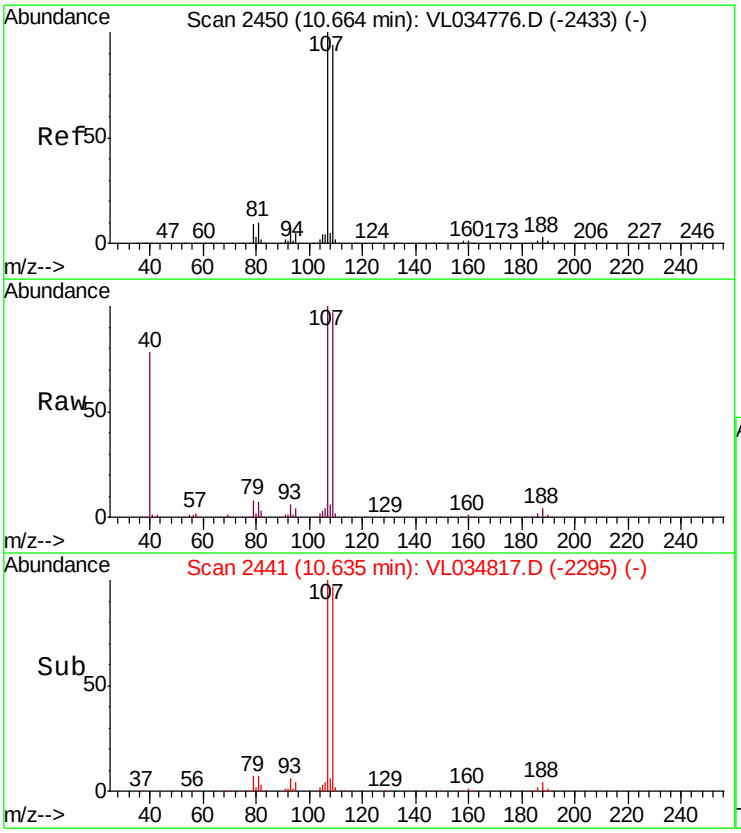

#53
Toluene
Concen:  10.544 ppbv
RT: 9.83 min  Scan# 2190
Delta R.T.  -0.02 min
Lab File:  VL034817.D
Acq:  6 Mar 2020  7:12

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

Tgt Ion: 91 Resp: 1043760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.2 | 48.2 | 72.2 |

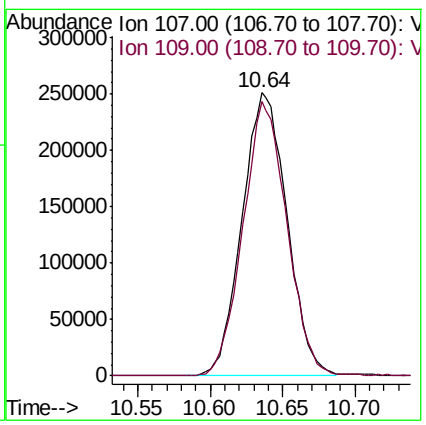


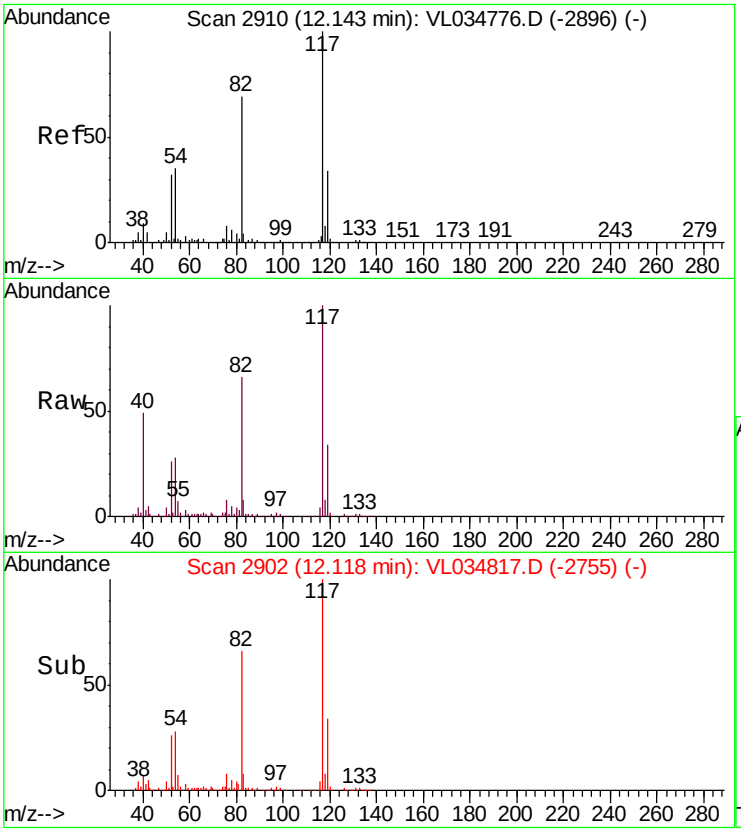




#54
1,2-Dibromoethane
Concen:  9.182 ppbv
RT: 10.64 min  Scan# 2441
Delta R.T.  -0.03 min
Lab File:  VL034817.D
Acq:  6 Mar 2020  7:12

Tgt Ion:107 Resp:  541044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.1 | 75.0 | 112.6 |



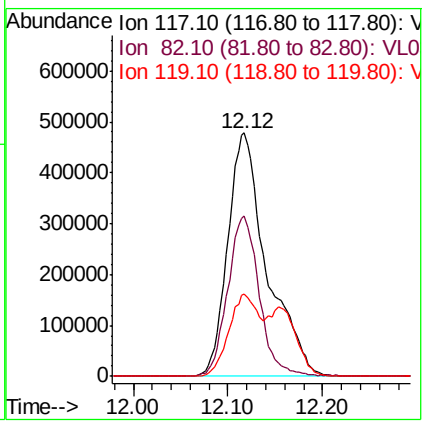


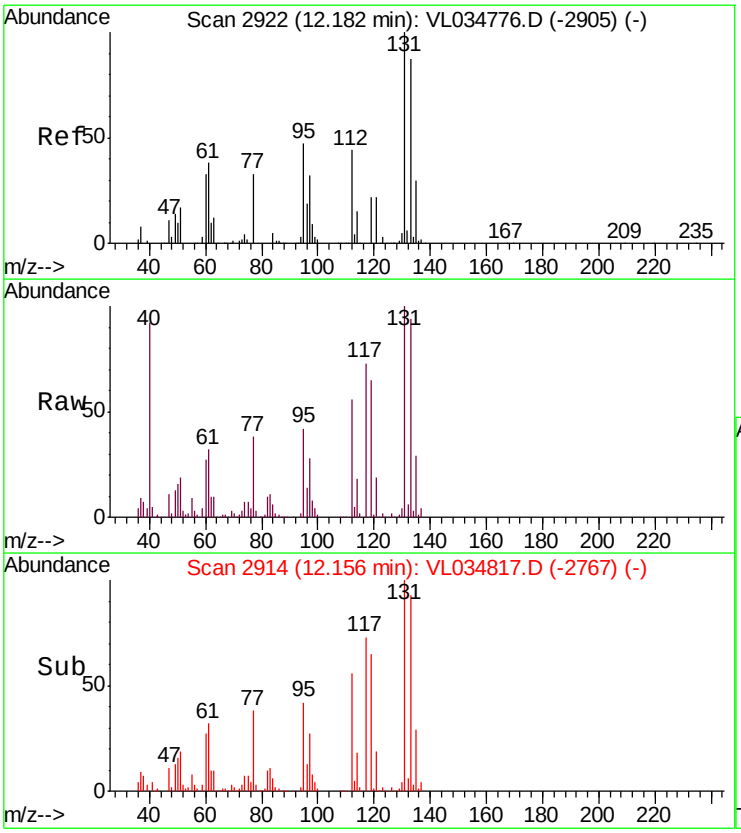

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:117 Resp: 1372028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.4 | 53.9 | 80.9# |
| 119 | 25.8 | 25.0 | 37.4 |

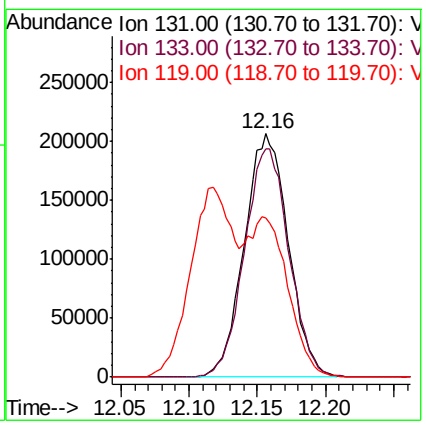


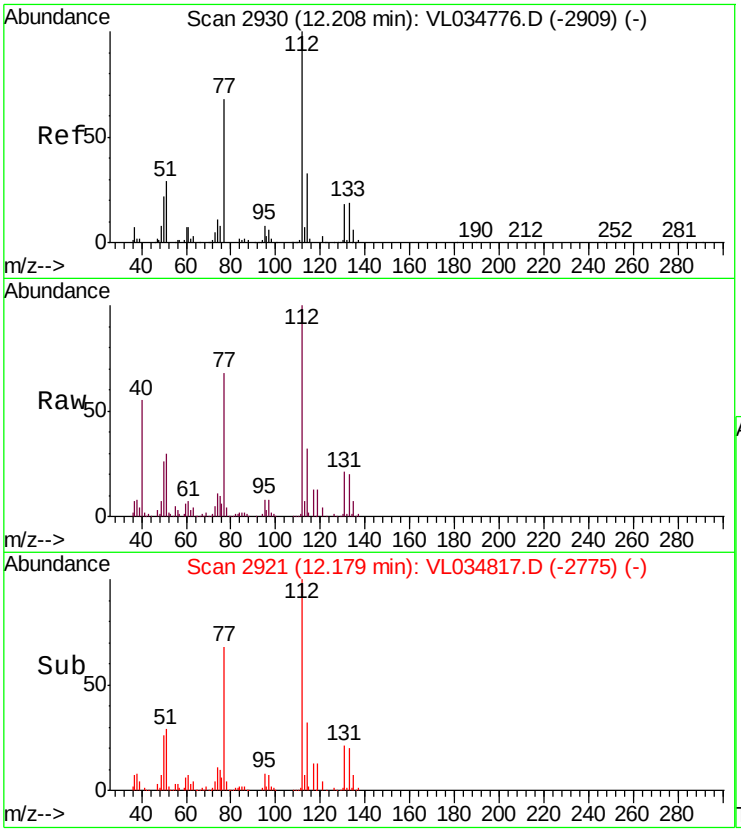




#56
1,1,1,2-Tetrachloroethane
Concen: 7.603 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:131 Resp: 462178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.0 | 75.4 | 113.0 |
| 119 | 57.9 | 110.5 | 165.7# |



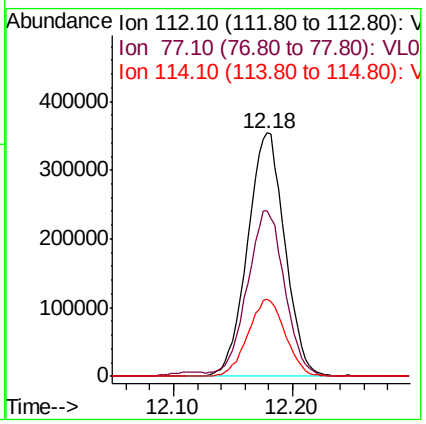


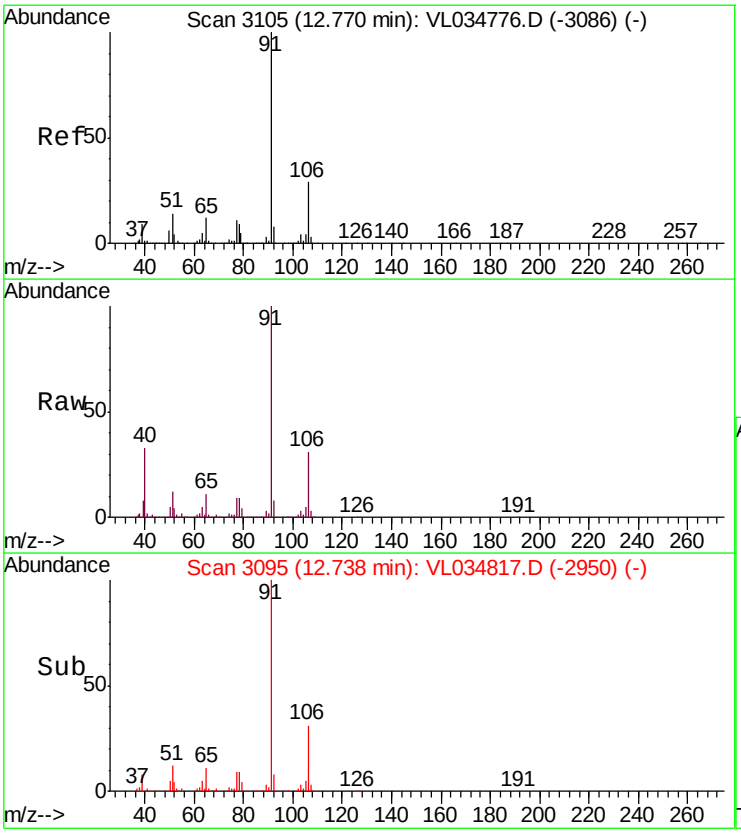

#57
Chlorobenzene
Concen: 7.327 ppbv
RT: 12.18 min Scan# 2921
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:112 Resp: 767920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 67.8 | 55.6 | 83.4 |
| 114 | 31.9 | 29.4 | 36.0 |

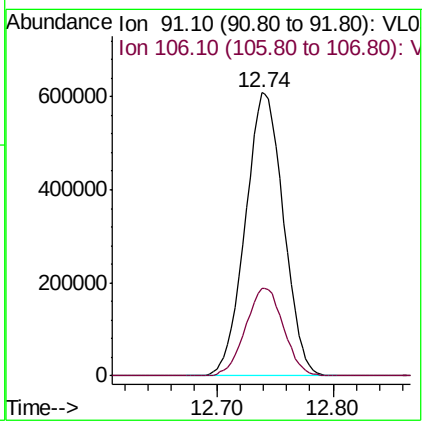


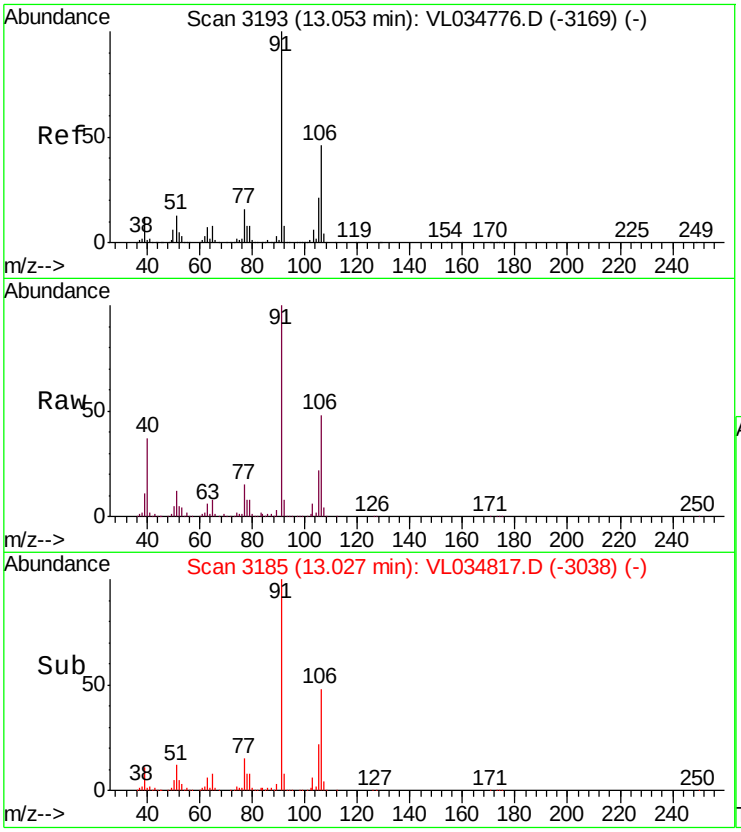




#58
Ethyl Benzene
Concen: 8.227 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 91 Resp: 1391113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.1 | 22.8 | 34.2 |



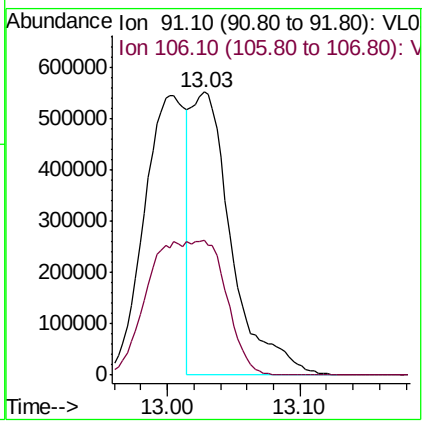


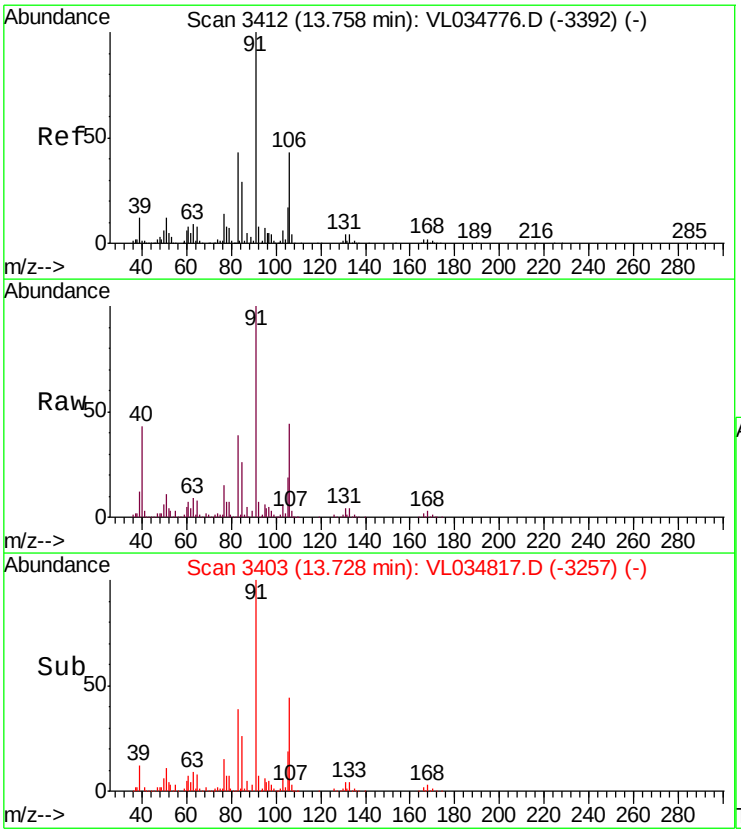

#59
m/p-Xylene
Concen: 7.959 ppbv
RT: 13.03 min Scan# 3185
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 91 Resp: 1164970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 91.2 | 35.8 | 53.8# |

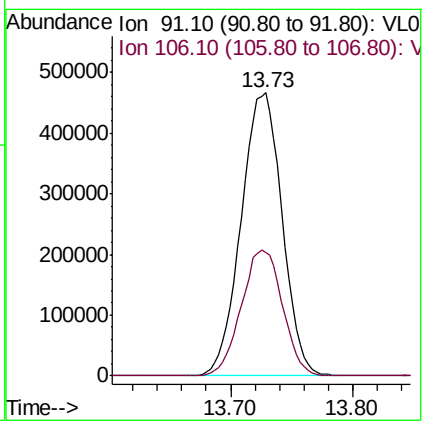


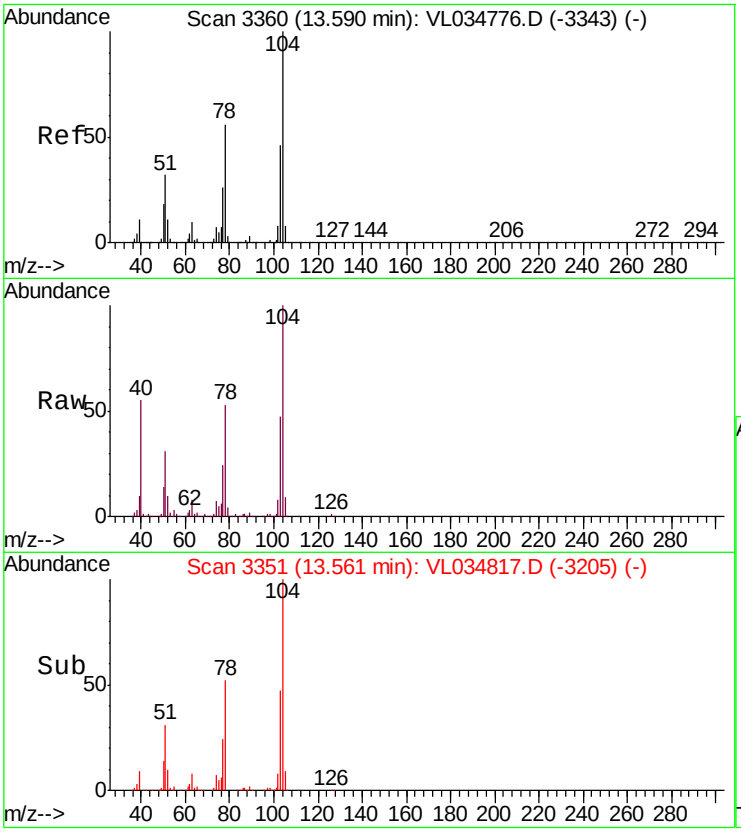




#60
o-Xylene
Concen: 7.315 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 91 Resp: 1083289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 44.8 | 21.7 | 65.1 |



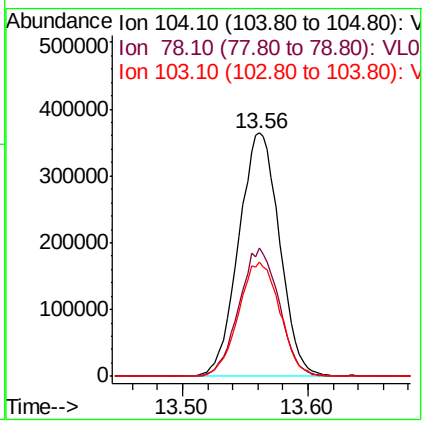


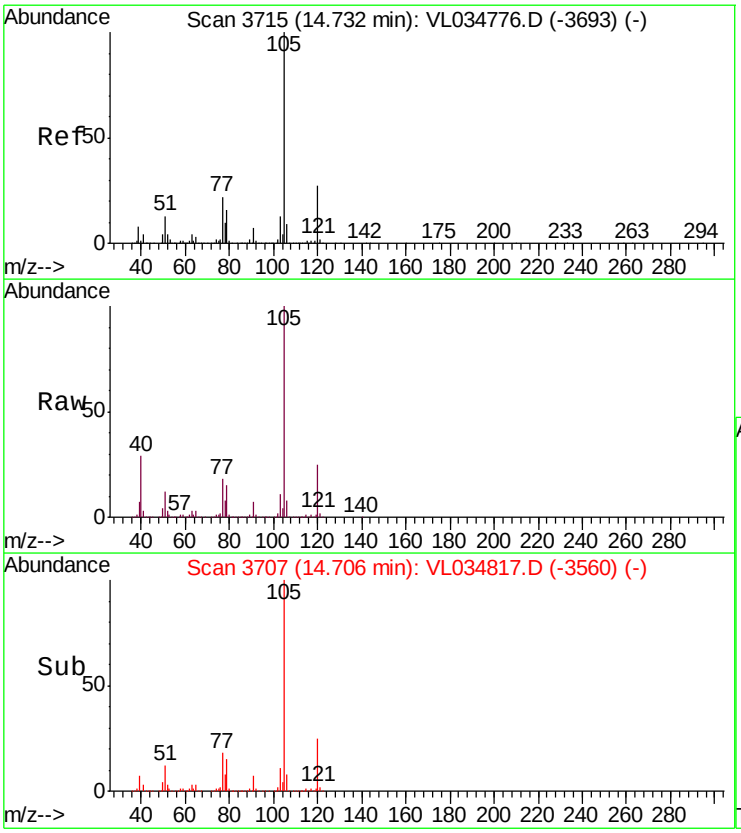

#61
Styrene
Concen: 8.976 ppbv
RT: 13.56 min Scan# 3351
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:104 Resp: 824625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.8 | 44.7 | 67.1 |
| 103 | 47.7 | 38.2 | 57.2 |

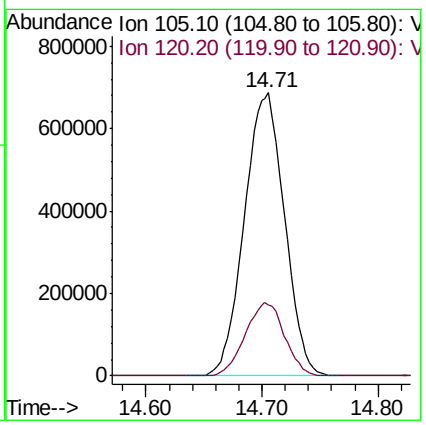


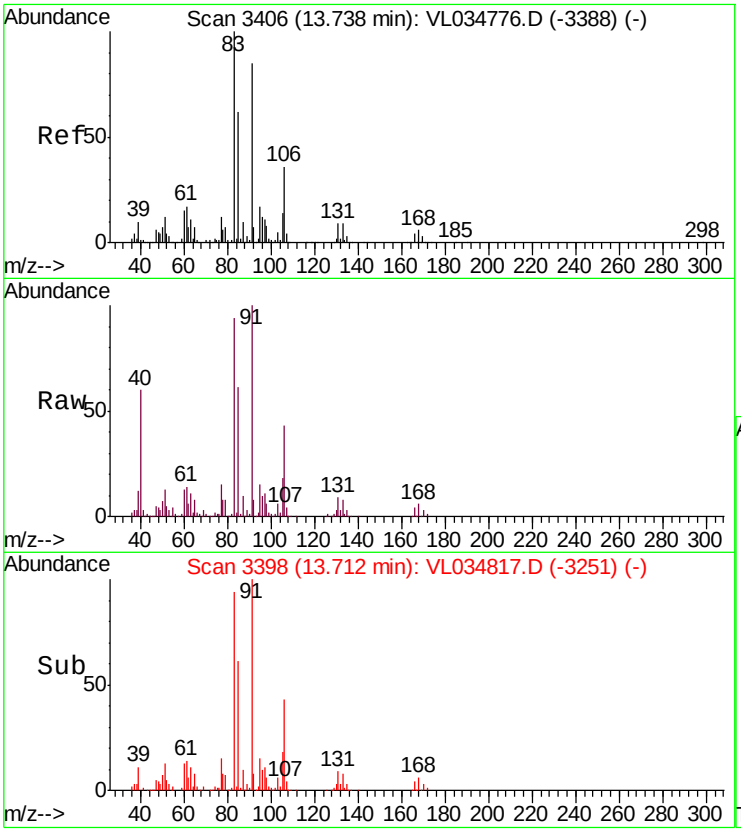




#62
Isopropylbenzene
Concen: 7.577 ppbv
RT: 14.71 min Scan# 3707
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:105 Resp: 1651484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.4 | 20.5 | 30.7 |



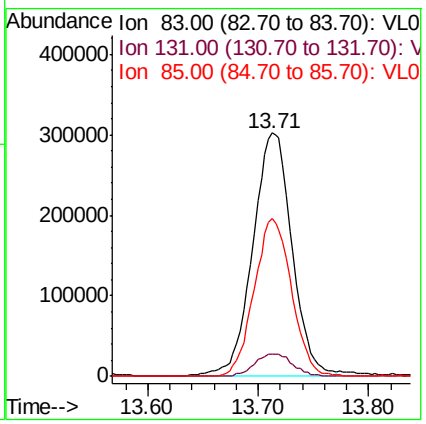


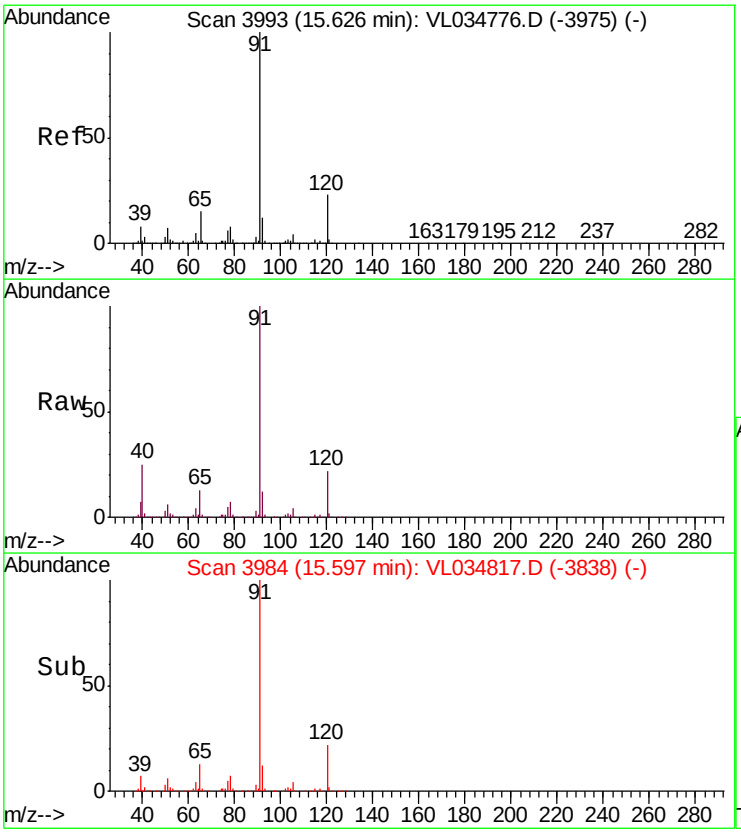

#63
1,1,2,2-Tetrachloroethane
Concen: 6.364 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 83 Resp: 742884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.0 | 4.7 | 14.0 |
| 85 | 62.3 | 32.9 | 98.7 |

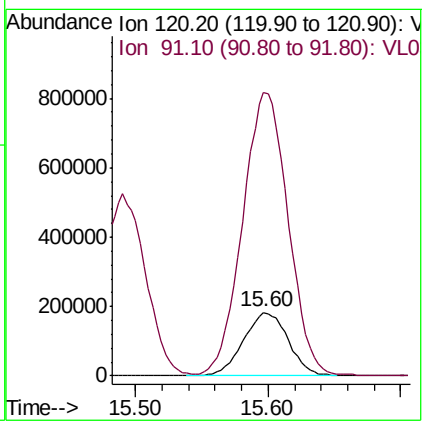


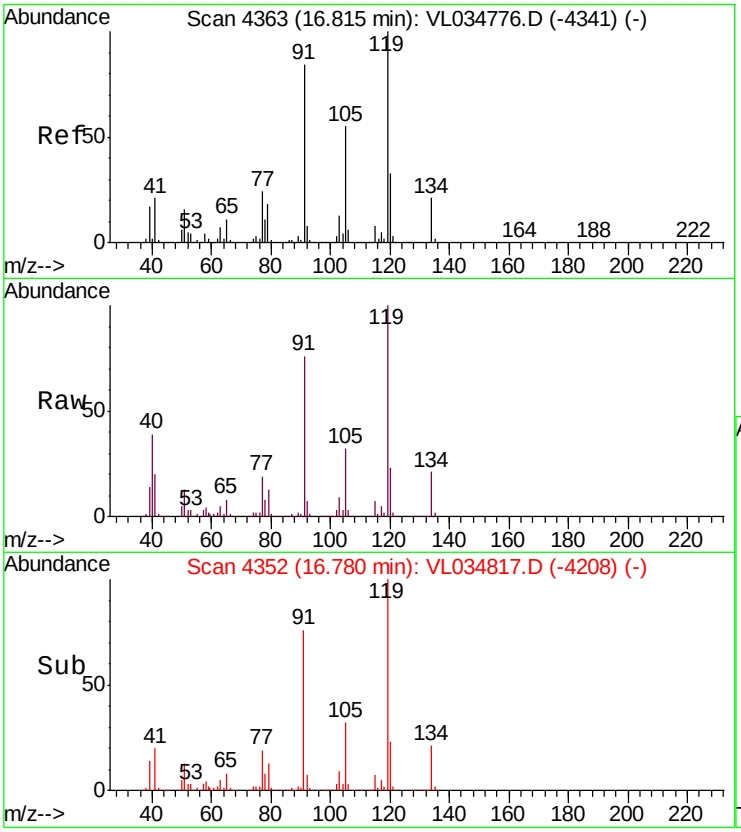




#64
n-propylbenzene
Concen: 7.875 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:120 Resp: 430339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 455.4 | 379.4 | 569.2 |



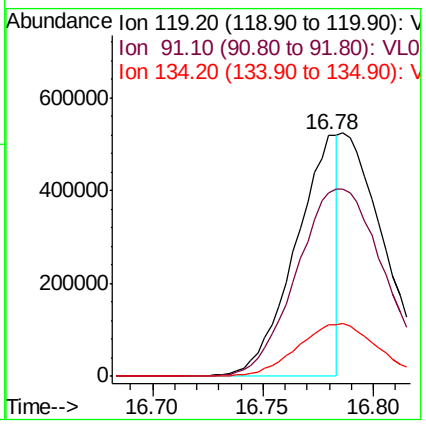


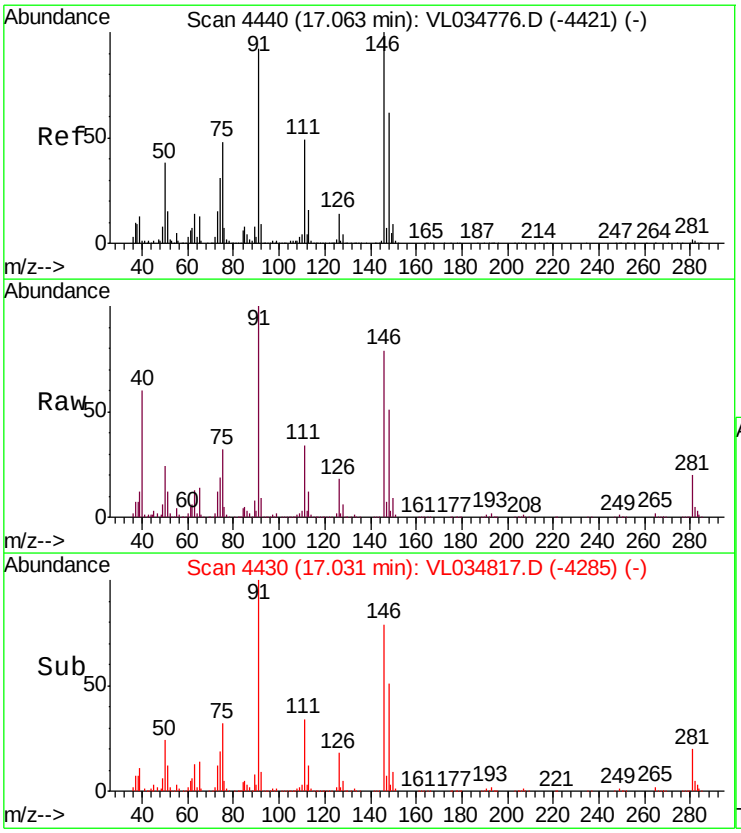

#65
tert-Butylbenzene
Concen: 3.757 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. -0.04 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:119 Resp: 692077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 161.2 | 69.8 | 104.6# |
| 134 | 41.2 | 15.9 | 23.9# |

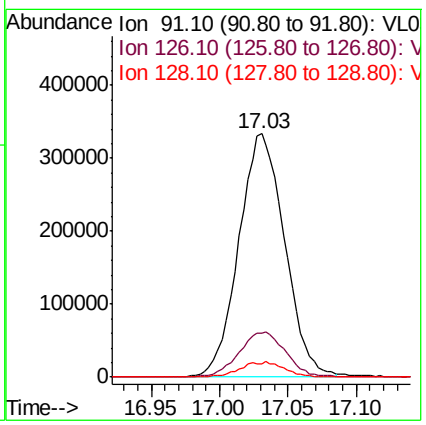


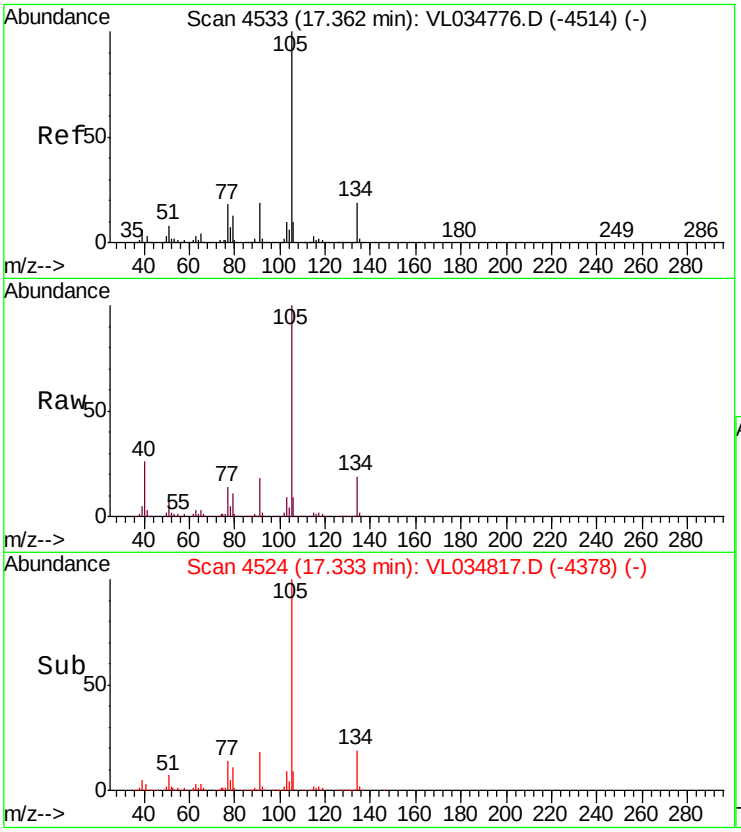




#66
Benzyl Chloride
Concen: 12.973 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 91 Resp: 772497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 19.2 | 12.6 | 18.8# |
| 128 | 6.2 | 4.3 | 6.5 |



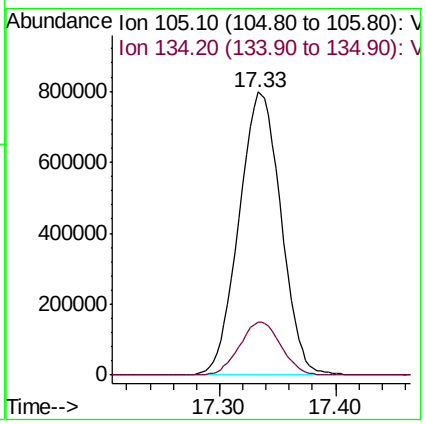


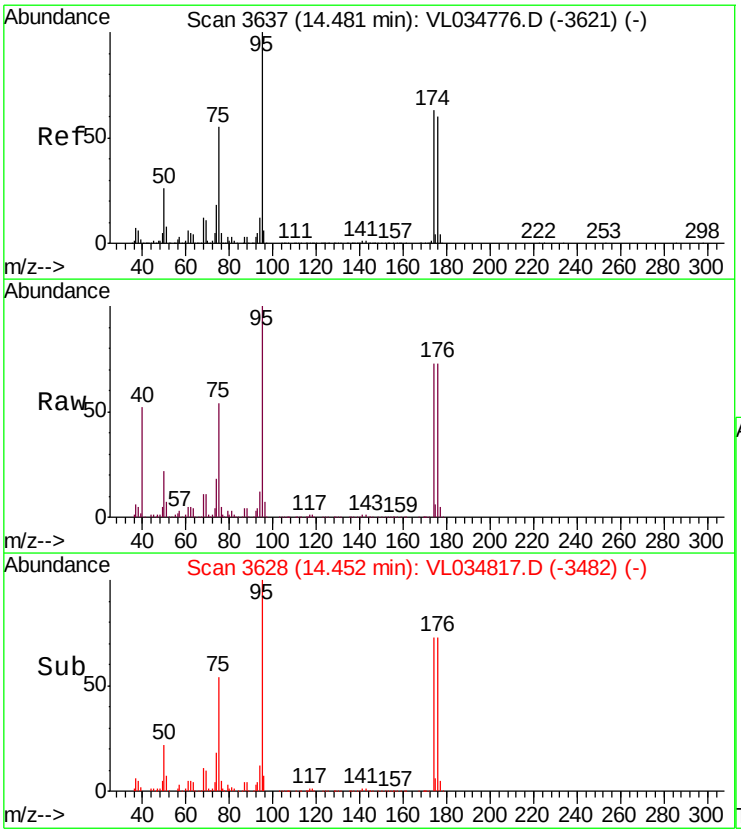

#67
sec-Butylbenzene
Concen: 7.481 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:105 Resp: 2007782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.7 | 14.7 | 22.1 |

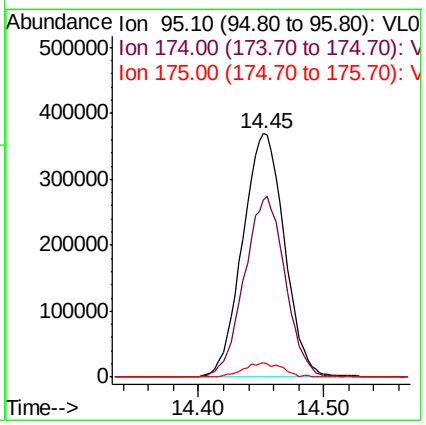


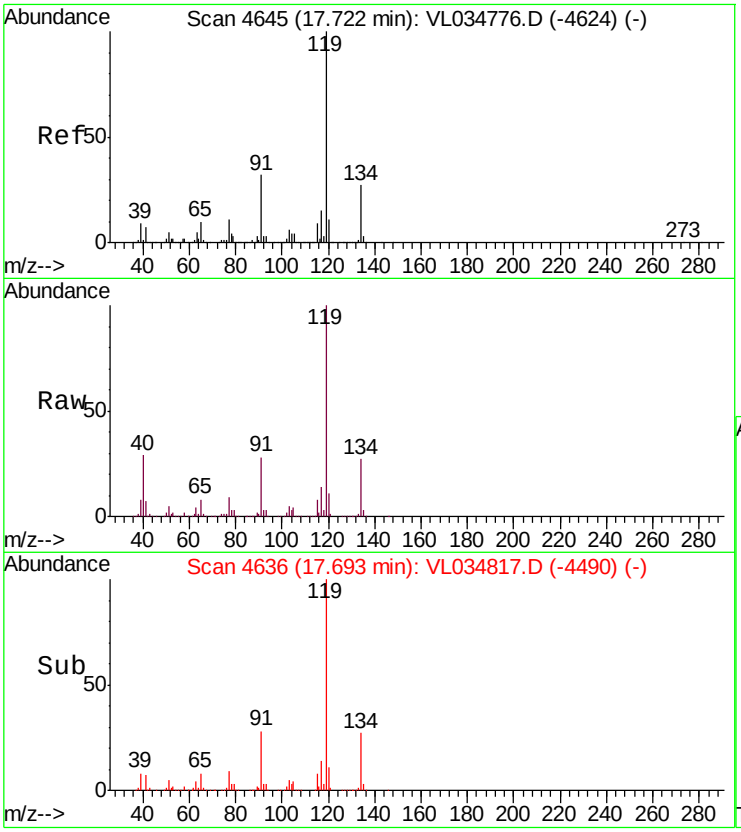




#68
1-Bromo-4-Fluorobenzene
Concen: 7.506 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 95 Resp: 858684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.5 | 50.6 | 76.0 |
| 175 | 5.7 | 3.8 | 5.6# |



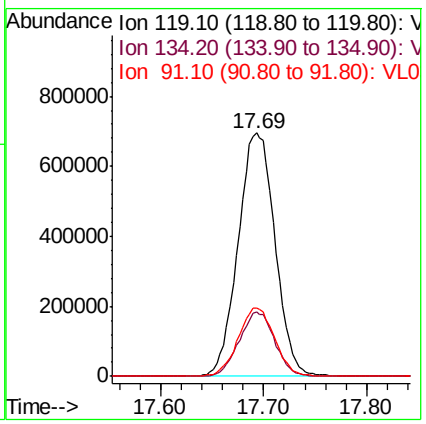


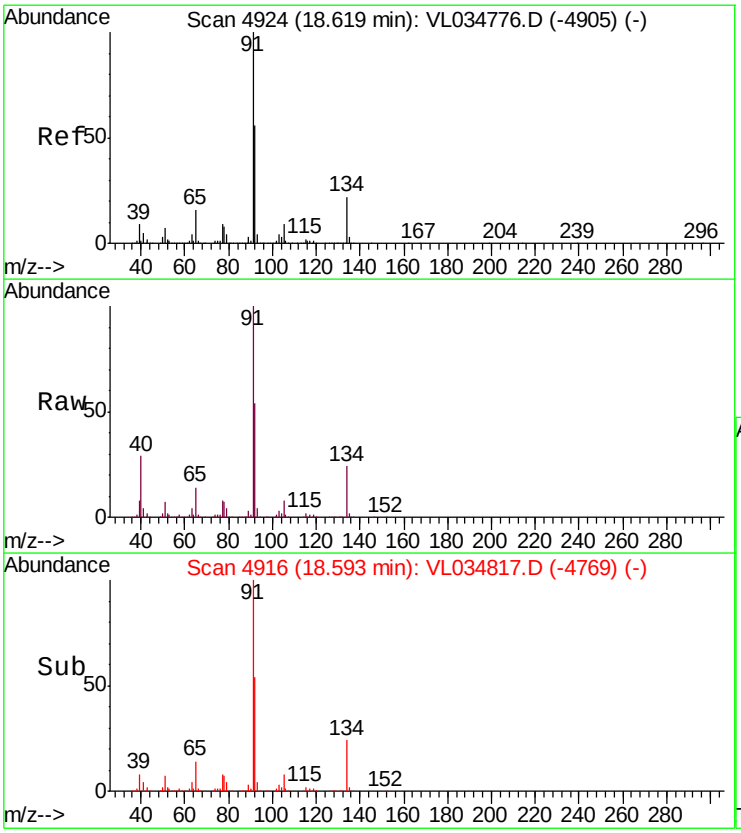

#69
p-Isopropyltoluene
Concen: 7.959 ppbv
RT: 17.69 min Scan# 4636
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:119 Resp: 1728753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 20.6 | 30.8 |
| 91 | 27.8 | 25.3 | 37.9 |

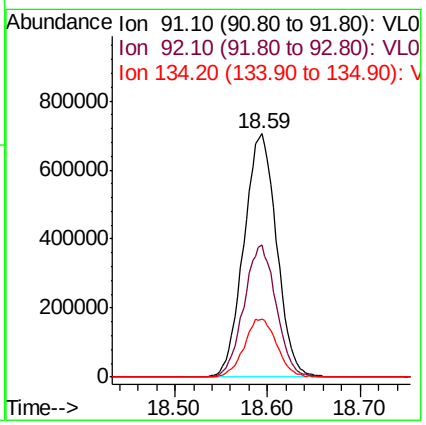


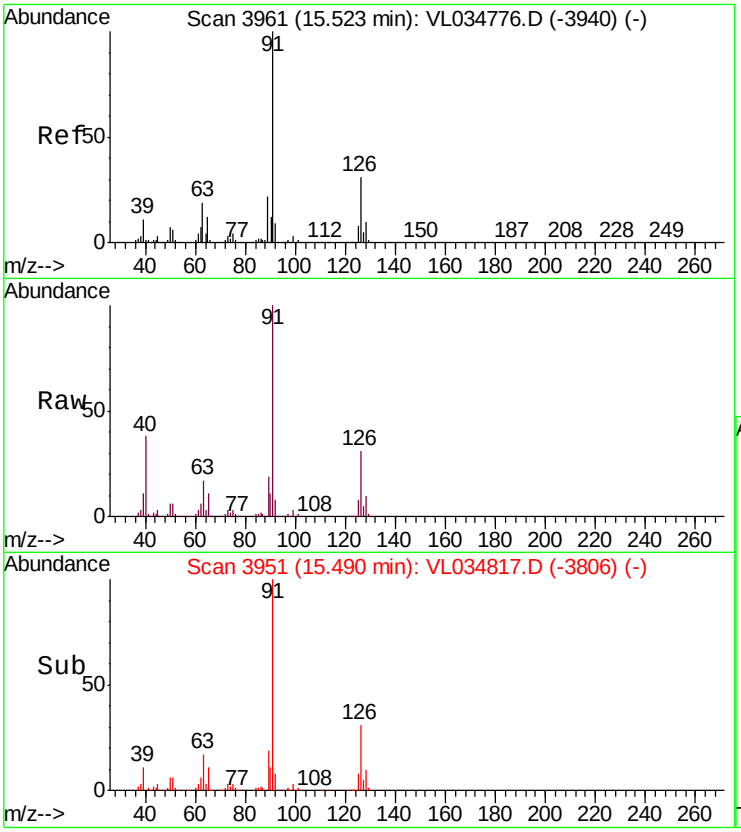




#70
n-Butylbenzene
Concen: 7.289 ppbv
RT: 18.59 min Scan# 4916
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion: 91 Resp: 1731101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.3 | 44.0 | 66.0 |
| 134 | 23.8 | 17.7 | 26.5 |



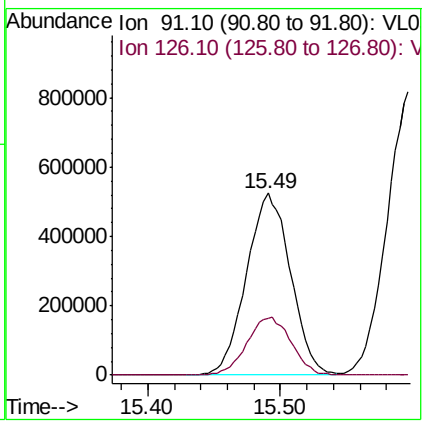


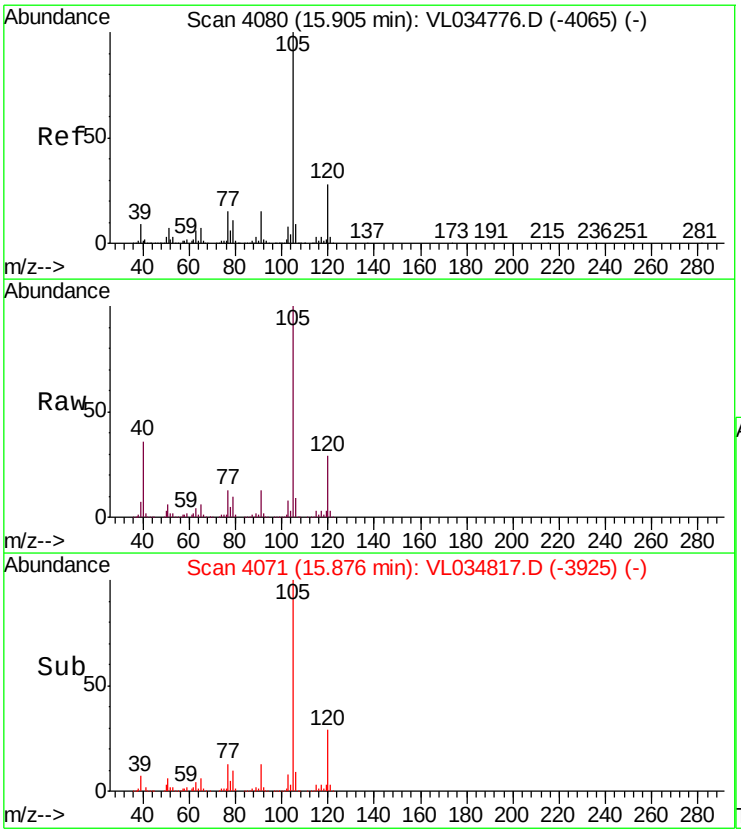

#71
2-Chlorotoluene
Concen: 7.379 ppbv
RT: 15.49 min Scan# 3951
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion: 91 Resp: 1214697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.9 | 11.7 | 46.7 |

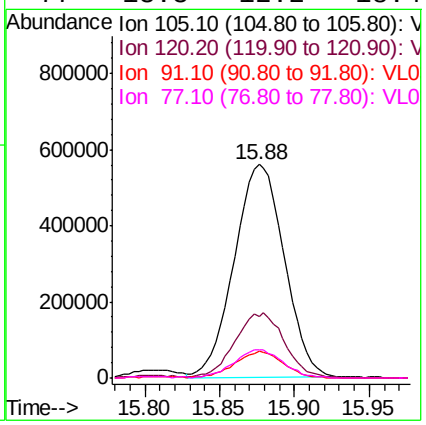


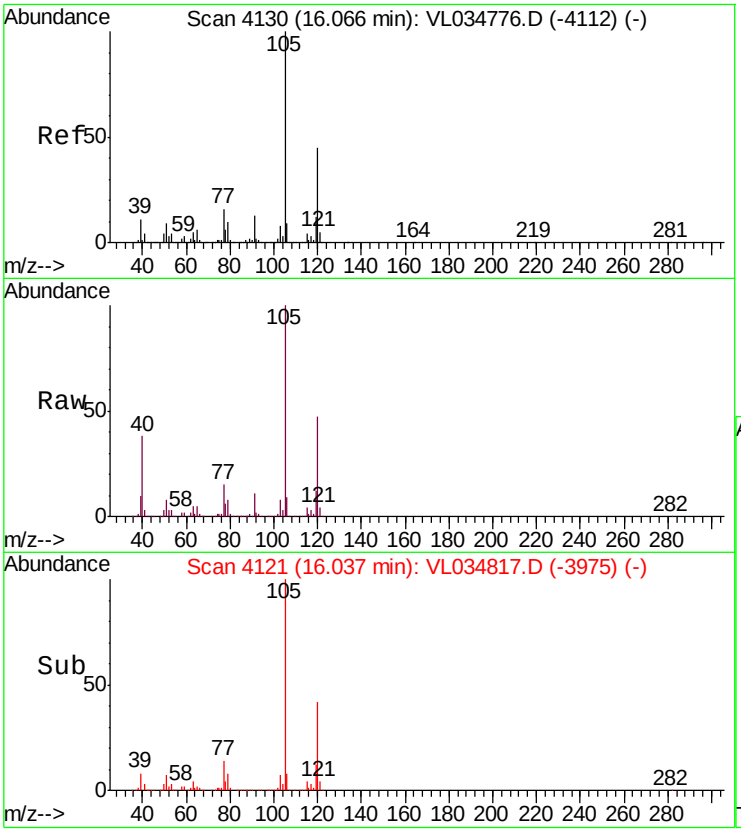




#72
4-Ethyltoluene
Concen: 7.879 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:105 Resp: 1299079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 30.4 | 23.0 | 34.6 |
| 91 | 12.1 | 11.1 | 16.7 |
| 77 | 13.3 | 12.2 | 18.4 |



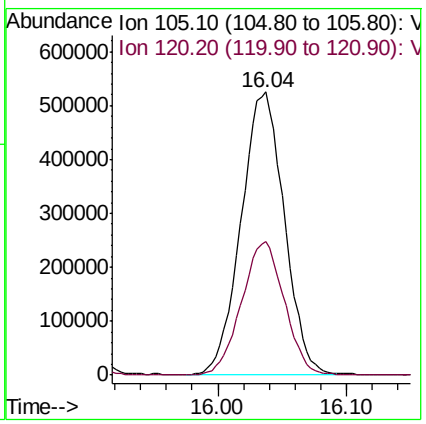


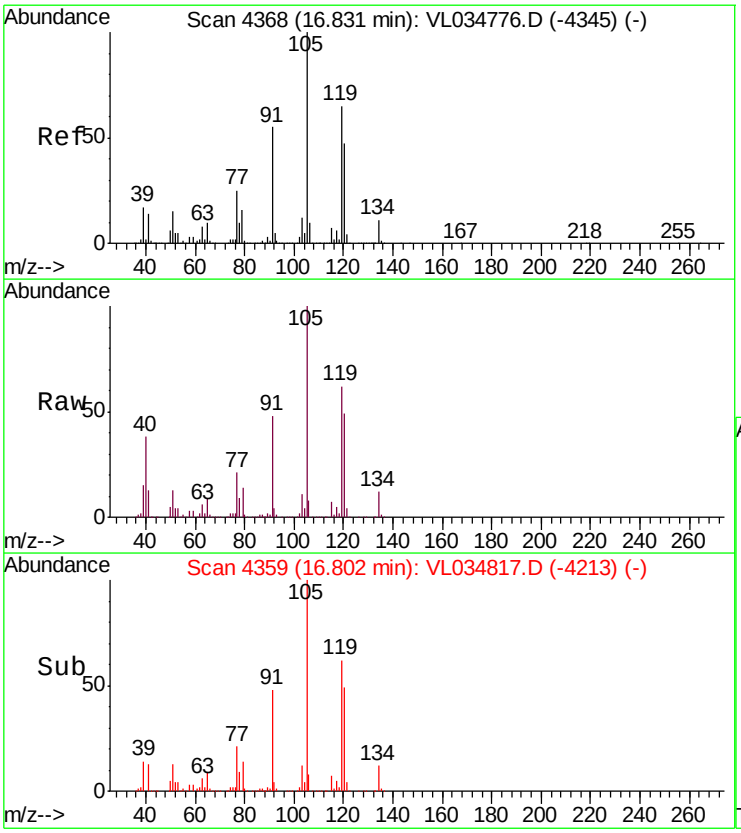

#73
1,3,5-Trimethylbenzene
Concen: 7.713 ppbv
RT: 16.04 min Scan# 4121
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:105 Resp: 1219870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.3 | 35.6 | 53.4 |

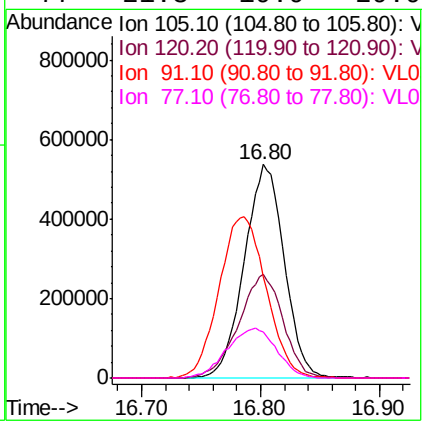


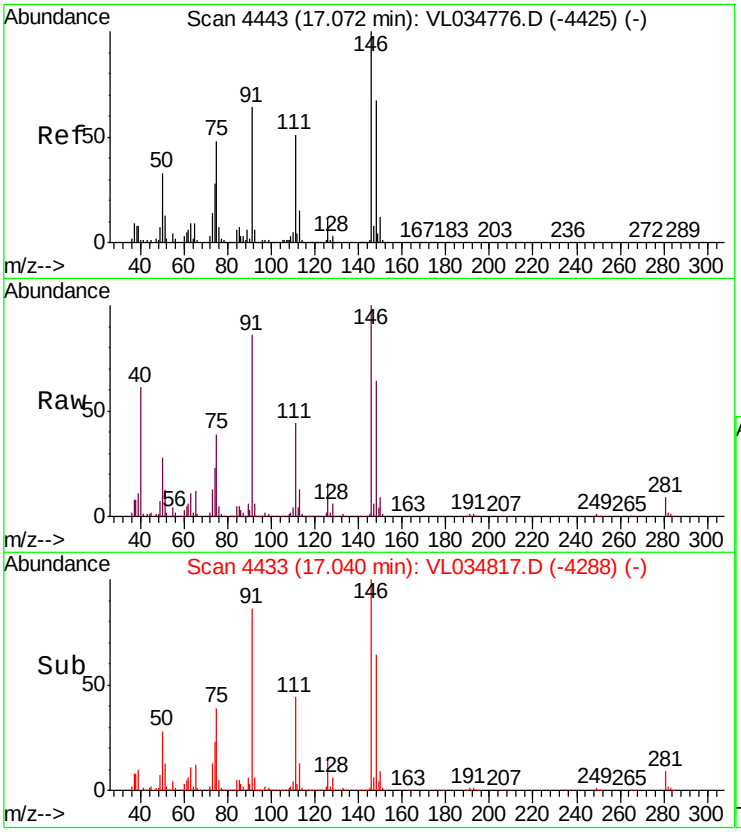




#74
1,2,4-Trimethylbenzene
Concen: 7.236 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:105 Resp: 1244094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.2 | 37.8 | 56.6 |
| 91 | 47.2 | 43.8 | 65.8 |
| 77 | 21.3 | 19.9 | 29.9 |



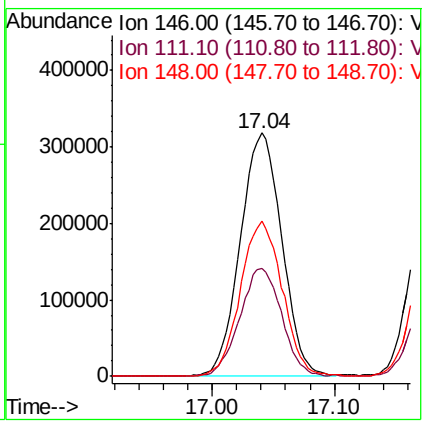


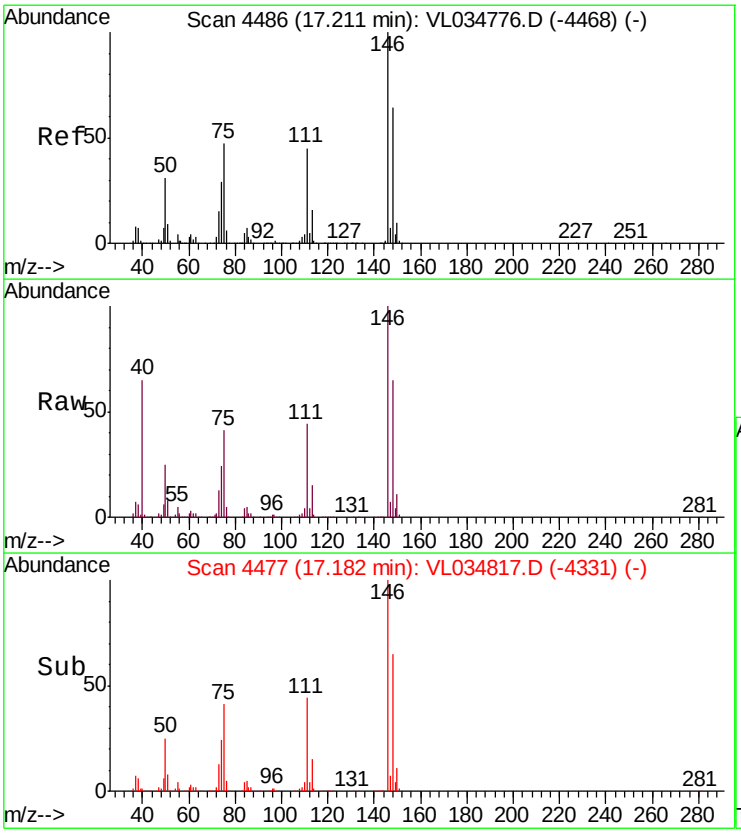

#75
1,3-Dichlorobenzene
Concen: 7.377 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:146 Resp: 750800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.9 | 24.7 | 74.1 |
| 148 | 64.3 | 31.8 | 95.4 |

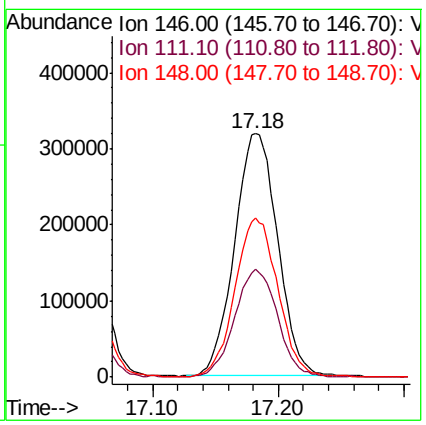


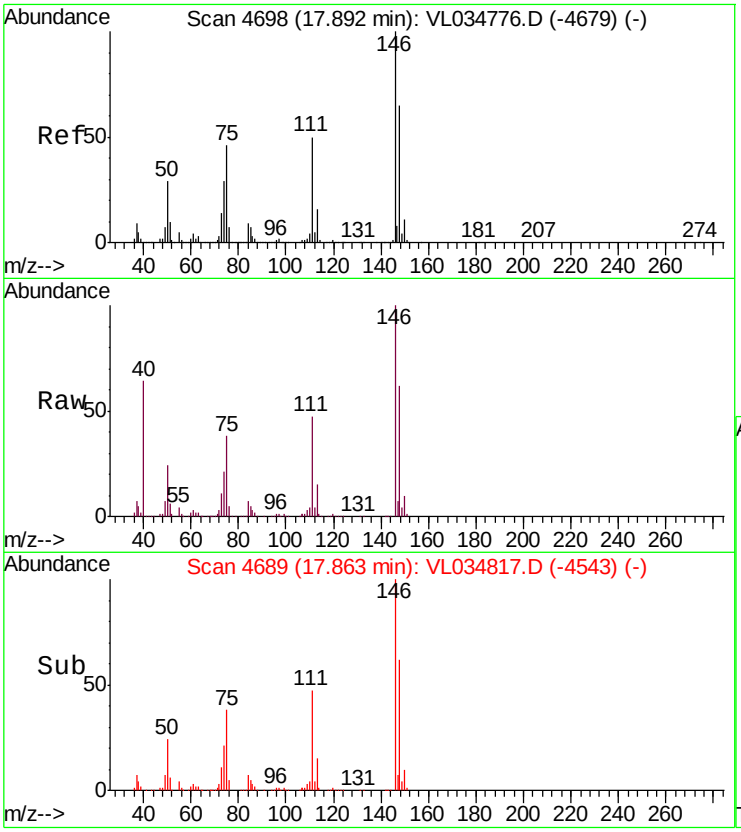




#76
1,4-Dichlorobenzene
Concen: 7.806 ppbv
RT: 17.18 min Scan# 4477
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:146 Resp: 760269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.3 | 23.5 | 70.5 |
| 148 | 65.8 | 32.2 | 96.6 |



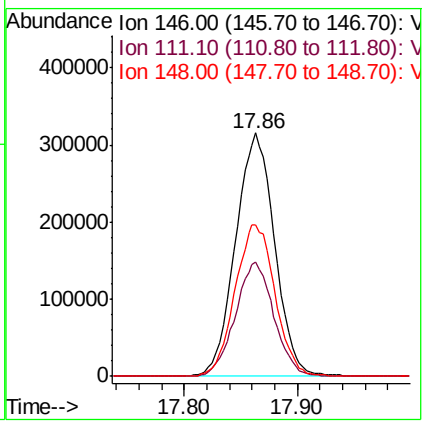


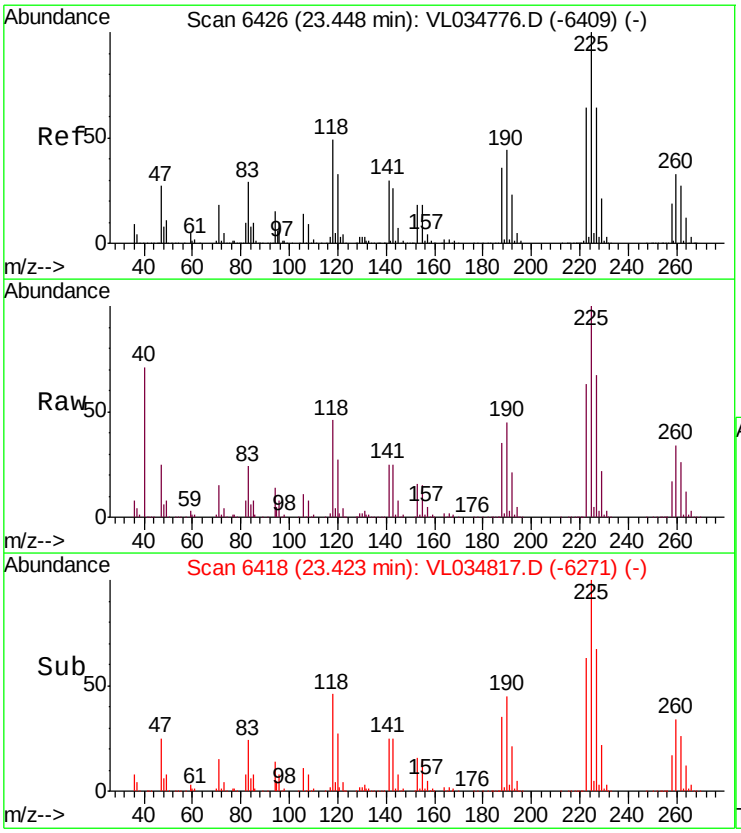

#77
1,2-Dichlorobenzene
Concen: 7.765 ppbv
RT: 17.86 min Scan# 4689
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:146 Resp: 756043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 46.4 | 25.3 | 75.8 |
| 148 | 63.9 | 32.3 | 96.9 |

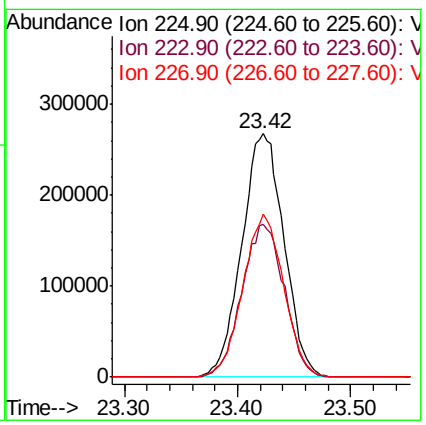


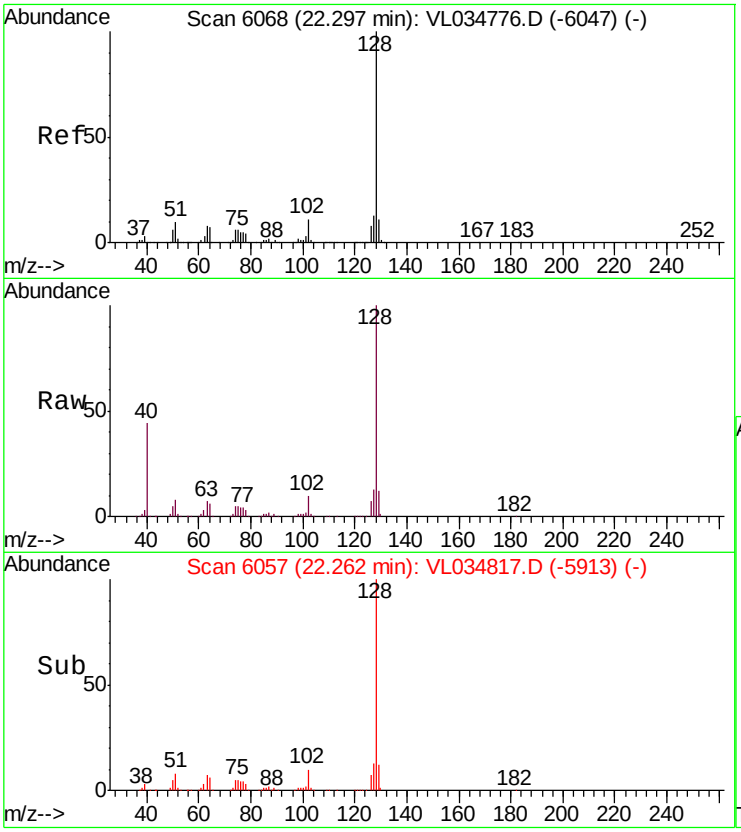




#78
Hexachloro-1,3-Butadiene
Concen: 8.515 ppbv
RT: 23.42 min Scan# 6418
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:225 Resp: 691912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.2 | 51.3 | 76.9 |
| 227 | 65.0 | 51.9 | 77.9 |



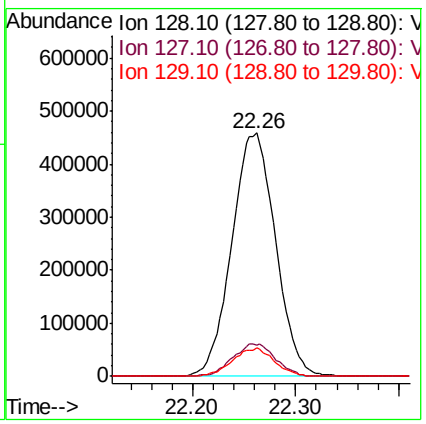


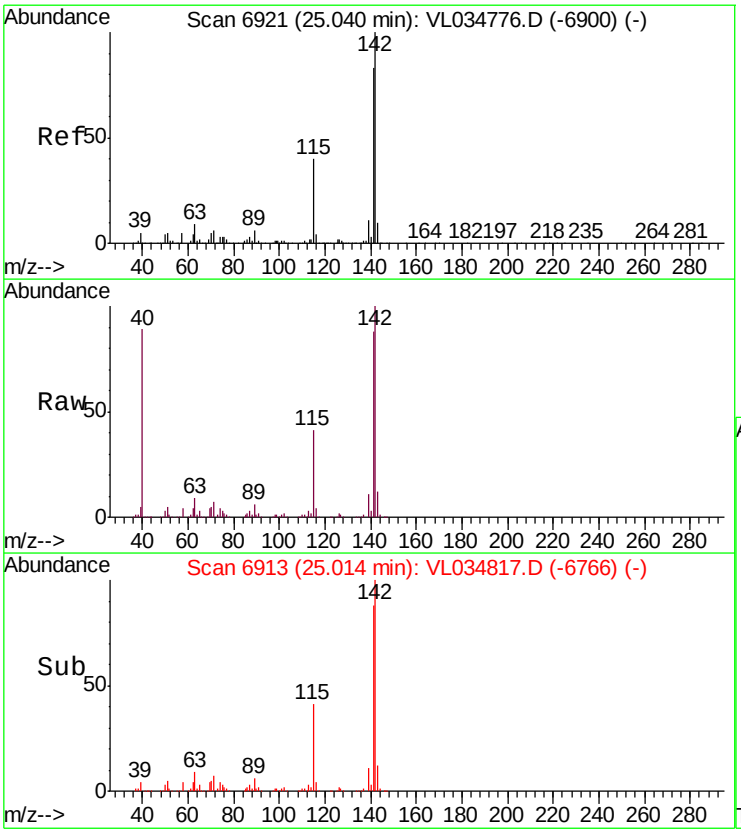

#79
Naphthalene
Concen: 10.410 ppbv
RT: 22.26 min Scan# 6057
Delta R.T. -0.04 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:128 Resp: 1345030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.7 | 10.2 | 15.4 |
| 129 | 11.6 | 9.0 | 13.6 |

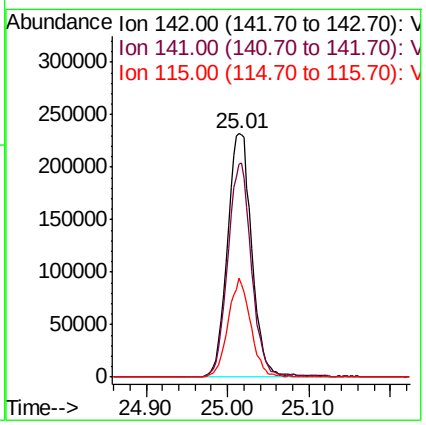


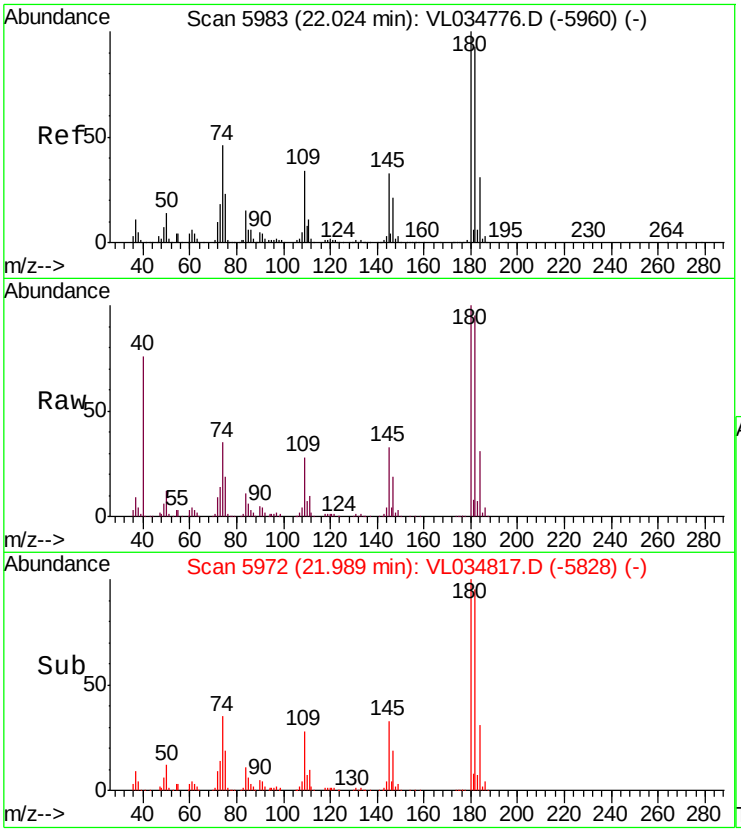




#80
Naphthalene,2-methyl-
Concen: 15.858 ppbv
RT: 25.01 min Scan# 6913
Delta R.T. -0.03 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

Tgt Ion:142 Resp: 489381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.5 | 67.7 | 101.5 |
| 115 | 37.5 | 30.7 | 46.1 |






#81
1,2,4-Trichlorobenzene
Concen: 9.665 ppbv
RT: 21.99 min Scan# 5972
Delta R.T. -0.04 min
Lab File: VL034817.D
Acq: 6 Mar 2020 7:12

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

Tgt Ion:180 Resp: 789436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 76.8 | 115.2 |
| 184 | 30.9 | 24.8 | 37.2 |