Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

Quantitation Report (Not Reviewed)

Data File : VL034357.D
Acq On : 24 Oct 2019 23:31
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 25 01:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.69 | 49 | 917275 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.21 | 114 | 1927074 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.15 | 117 | 2440912 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.48 | 95 | 1621450 | 7.84 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 78.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.02 | 85 | 1537037 | 9.720 | ppbv | 100 |
| 3) Chlorodifluoromethane | 2.96 | 51 | 997093 | 9.274 | ppbv | 100 |
| 4) Chloromethane | 3.12 | 50 | 527649 | 8.297 | ppbv | 99 |
| 5) Vinyl Chloride | 3.23 | 62 | 508095 | 8.379 | ppbv | 98 |
| 6) Bromomethane | 3.46 | 94 | 296497 | 9.985 | ppbv | 95 |
| 7) Chloroethane | 3.54 | 64 | 187603 | 8.790 | ppbv | 96 |
| 8) Dichlorotetrafluoroethane | 3.17 | 85 | 1200239 | 8.759 | ppbv | 96 |
| 9) Propene | 2.99 | 41 | 446881 | 9.376 | ppbv | 100 |
| 10) Heptane | 8.16 | 43 | 1173449 | 9.593 | ppbv | 99 |
| 11) Trichlorofluoromethane | 3.94 | 101 | 1300492 | 8.662 | ppbv | 97 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.48 | 101 | 899505 | 9.145 | ppbv | 99 |
| 13) Ethanol | 3.59 | 45 | 79608 | 7.460 | ppbv | 100 |
| 14) Bromoethene | 3.73 | 108 | 381747 | 9.857 | ppbv | 99 |
| 15) Acetone | 3.84 | 43 | 957068 | 7.295 | ppbv | 100 |
| 16) 1,3-Butadiene | 3.31 | 39 | 488566 | 9.165 | ppbv | 100 |
| 17) tert-Butyl alcohol | 4.29 | 59 | 704034 | 8.408 | ppbv | 99 |
| 18) 1,1-Dichloroethene | 4.29 | 96 | 403713 | 9.374 | ppbv | 96 |
| 19) Isopropyl Alcohol | 3.96 | 45 | 556509 | 7.603 | ppbv | 100 |
| 20) Methylene Chloride | 4.34 | 84 | 354106 | 7.466 | ppbv | 98 |
| 21) Allyl Chloride | 4.41 | 41 | 678989 | 9.361 | ppbv | 99 |
| 22) trans-1,2-Dichloroethene | 4.89 | 96 | 407193 | 9.479 | ppbv | 98 |
| 23) Vinyl Acetate | 5.08 | 43 | 1509522 | 9.213 | ppbv | 98 |
| 24) 1,1-Dichloroethane | 5.02 | 63 | 1089475 | 8.959 | ppbv | 99 |
| 25) Ethyl Acetate | 5.69 | 43 | 1916714 | 8.653 | ppbv | 99 |
| 26) Hexane | 5.70 | 57 | 851308 | 9.017 | ppbv | 96 |
| 27) Carbon Disulfide | 4.55 | 76 | 961385 | 9.809 | ppbv | 98 |
| 28) Methyl tert-Butyl Ether | 5.04 | 73 | 1479130 | 10.352 | ppbv | 97 |
| 29) Chloroform | 5.77 | 83 | 1362474 | 9.123 | ppbv | 99 |
| 30) Cyclohexane | 7.16 | 84 | 702966 | 10.124 | ppbv | 96 |
| 31) cis-1,2-Dichloroethene | 5.56 | 61 | 913956 | 9.539 | ppbv | 98 |
| 32) 1,1,1-Trichloroethane | 6.54 | 97 | 1324290 | 9.119 | ppbv | 98 |
| 34) 2-Butanone | 5.26 | 43 | 1307558 | 8.301 | ppbv | 97 |
| 35) Carbon Tetrachloride | 7.05 | 117 | 1290611 | 7.689 | ppbv | 100 |
| 36) Benzene | 6.92 | 78 | 1705752 | 9.225 | ppbv | 99 |
| 37) 1,2-Dichloroethane | 6.33 | 62 | 1118210 | 8.115 | ppbv | 98 |
| 38) Trichloroethene | 7.88 | 130 | 639344 | 8.617 | ppbv | 97 |
| 39) 1,2-Dichloropropane | 7.65 | 63 | 688485 | 8.648 | ppbv | 94 |
| 40) 1,4-Dioxane | 7.87 | 88 | 219601 | 7.849 | ppbv # | 62 |
| 41) Tetrahydrofuran | 6.07 | 42 | 786838 | 9.001 | ppbv | 96 |
| 42) Bromodichloromethane | 7.83 | 83 | 1490780 | 8.833 | ppbv | 98 |
| 43) Methyl Methacrylate | 8.05 | 69 | 707156 | 9.247 | ppbv | 94 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

Quantitation Report (Not Reviewed)

Data File : VL034357.D
Acq On : 24 Oct 2019 23:31
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 25 01:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.91 | 57 | 2939107 | 8.588 | ppbv | | 98 |
| 45) t-1,3-Dichloropropene | 9.33 | 75 | 881017 | 9.456 | ppbv | | 99 |
| 46) cis-1,3-Dichloropropene | 8.75 | 75 | 1036721 | 9.685 | ppbv | | 96 |
| 47) 1,1,2-Trichloroethane | 9.53 | 97 | 713373 | 8.846 | ppbv | | 96 |
| 48) Dibromochloromethane | 10.36 | 129 | 1206454 | 9.120 | ppbv | | 98 |
| 49) Bromoform | 13.11 | 173 | 1079141 | 9.206 | ppbv | | 99 |
| 50) 4-Methyl-2-Pentanone | 8.78 | 43 | 1956685 | 8.677 | ppbv | | 98 |
| 51) 2-Hexanone | 10.18 | 43 | 1668187 | 9.025 | ppbv | # | 98 |
| 52) Tetrachloroethene | 11.28 | 164 | 648060 | 8.942 | ppbv | | 94 |
| 53) Toluene | 9.86 | 91 | 1971086 | 9.660 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.67 | 107 | 1112572 | 9.308 | ppbv | | 99 |
| 56) 1,1,1,2-Tetrachloroethane | 12.19 | 131 | 800560 | 7.117 | ppbv | # | 59 |
| 57) Chlorobenzene | 12.21 | 112 | 1453852 | 7.140 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.77 | 91 | 2715261 | 7.958 | ppbv | | 96 |
| 59) m/p-Xylene | 13.06 | 91 | 2220179 | 7.510 | ppbv | # | 32 |
| 60) o-Xylene | 13.76 | 91 | 2187686 | 7.431 | ppbv | | 99 |
| 61) Styrene | 13.59 | 104 | 1638452 | 7.906 | ppbv | | 99 |
| 62) Isopropylbenzene | 14.73 | 105 | 2964568 | 7.629 | ppbv | | 98 |
| 63) 1,1,2,2-Tetrachloroethane | 13.74 | 83 | 1556843 | 6.581 | ppbv | | 99 |
| 64) n-propylbenzene | 15.63 | 120 | 770183 | 7.723 | ppbv | | 99 |
| 65) tert-Butylbenzene | 16.82 | 119 | 2611138 | 7.581 | ppbv | | 99 |
| 66) Benzyl Chloride | 17.06 | 91 | 963779 | 7.085 | ppbv | | 100 |
| 67) sec-Butylbenzene | 17.37 | 105 | 3694773 | 7.623 | ppbv | | 98 |
| 69) p-Isopropyltoluene | 17.73 | 119 | 3053885 | 7.728 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.62 | 91 | 3280132 | 7.629 | ppbv | | 99 |
| 71) 2-Chlorotoluene | 15.52 | 91 | 2342101 | 7.773 | ppbv | | 100 |
| 72) 4-Ethyltoluene | 15.91 | 105 | 2579078 | 7.794 | ppbv | | 98 |
| 73) 1,3,5-Trimethylbenzene | 16.07 | 105 | 2458617 | 7.499 | ppbv | | 99 |
| 74) 1,2,4-Trimethylbenzene | 16.83 | 105 | 2519773 | 7.369 | ppbv | | 99 |
| 75) 1,3-Dichlorobenzene | 17.08 | 146 | 1442143 | 7.025 | ppbv | | 98 |
| 76) 1,4-Dichlorobenzene | 17.21 | 146 | 1436024 | 7.161 | ppbv | | 99 |
| 77) 1,2-Dichlorobenzene | 17.90 | 146 | 1440506 | 7.157 | ppbv | | 99 |
| 78) Hexachloro-1,3-Butadiene | 23.45 | 225 | 1247530 | 7.493 | ppbv | | 100 |
| 79) Naphthalene | 22.30 | 128 | 2316843 | 9.276 | ppbv | | 98 |
| 80) Naphthalene,2-methyl- | 25.04 | 142 | 648187 | 8.978 | ppbv | | 96 |
| 81) 1,2,4-Trichlorobenzene | 22.02 | 180 | 1288737 | 7.900 | ppbv | | 99 |

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

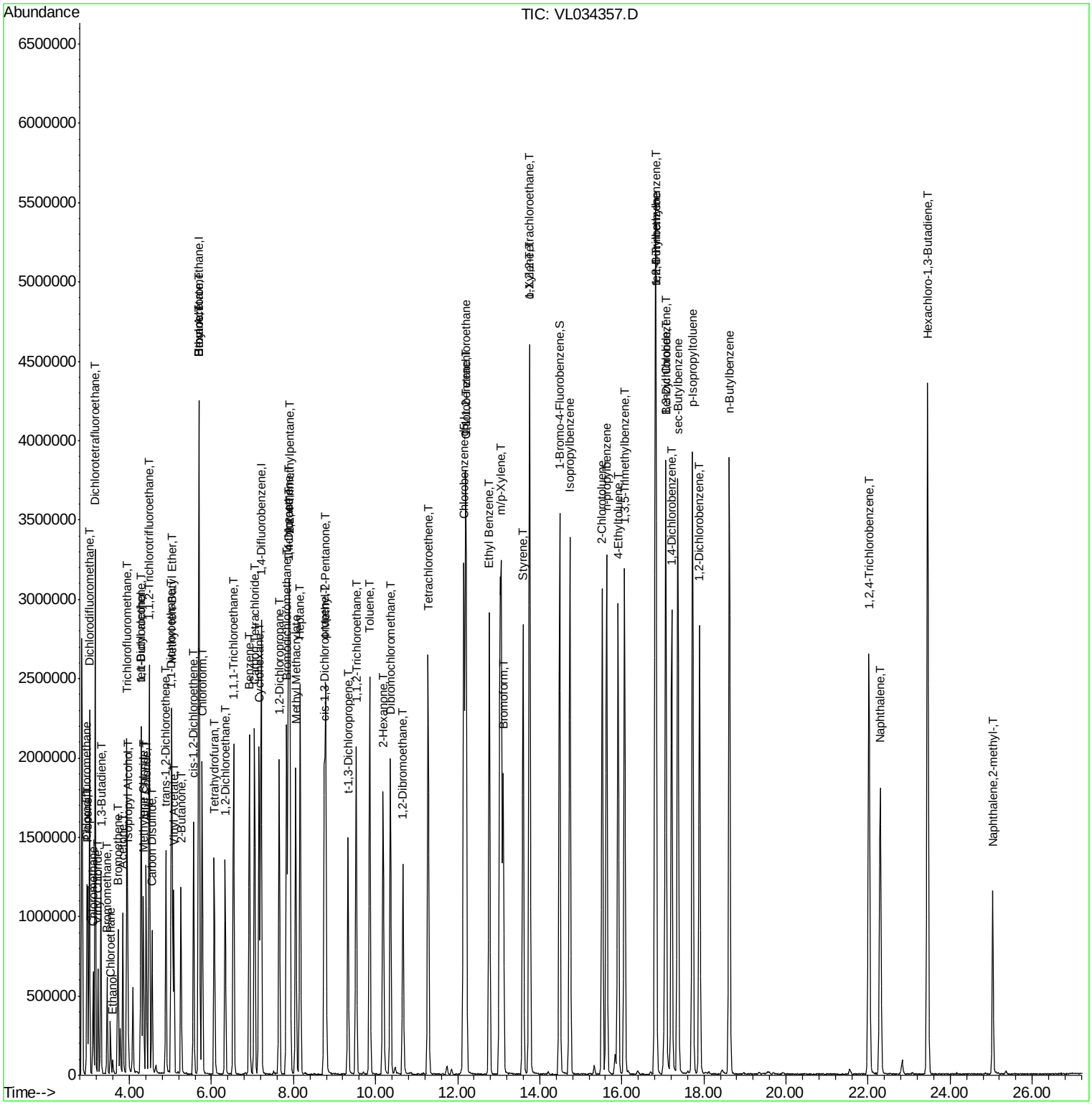
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

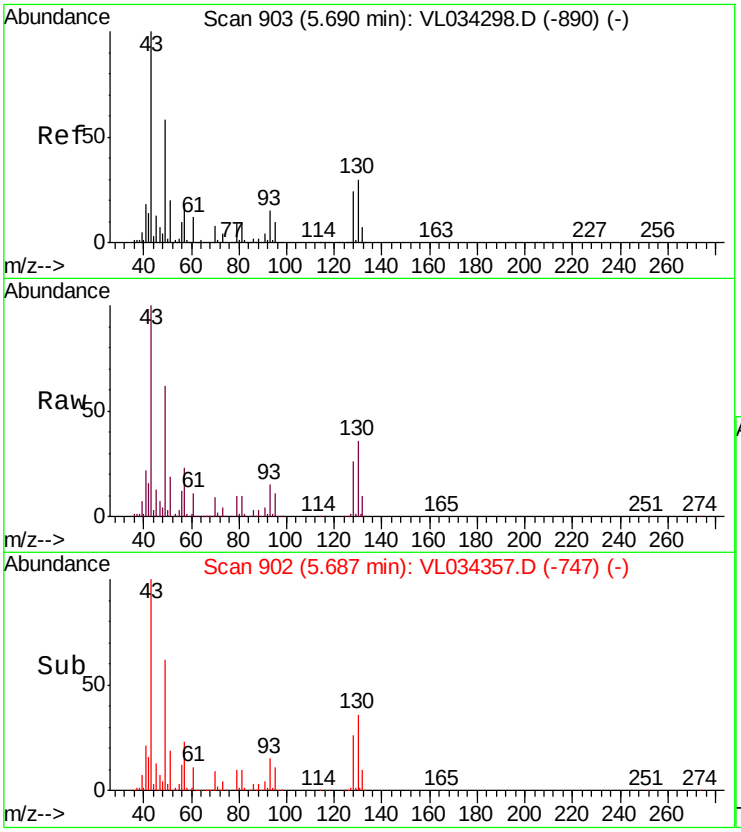
Quantitation Report (Not Reviewed)

Data File : VL034357.D
Acq On : 24 Oct 2019 23:31
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 25 01:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



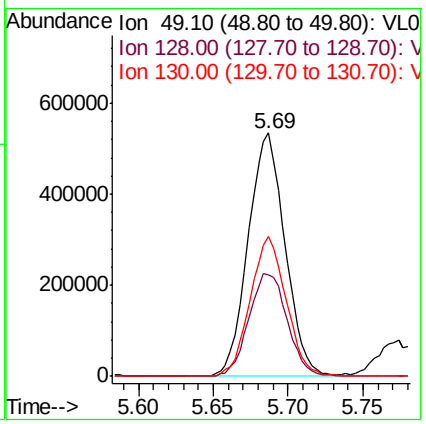


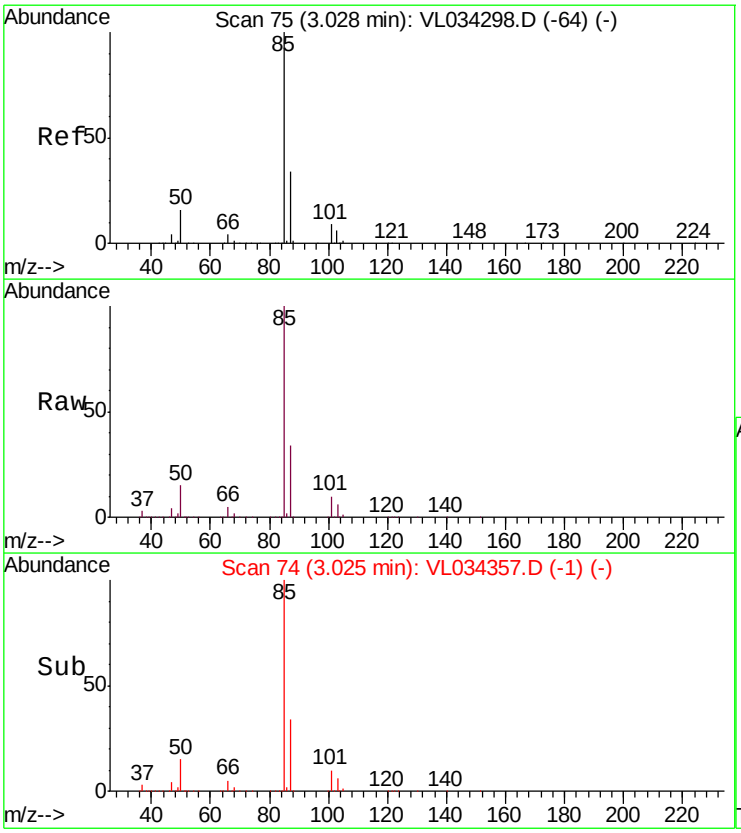

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 49 Resp: 917275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 44.1 | 20.6 | 61.8 |
| 130 | 56.2 | 26.2 | 78.5 |

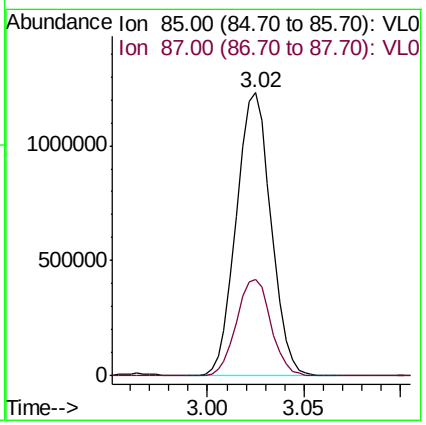


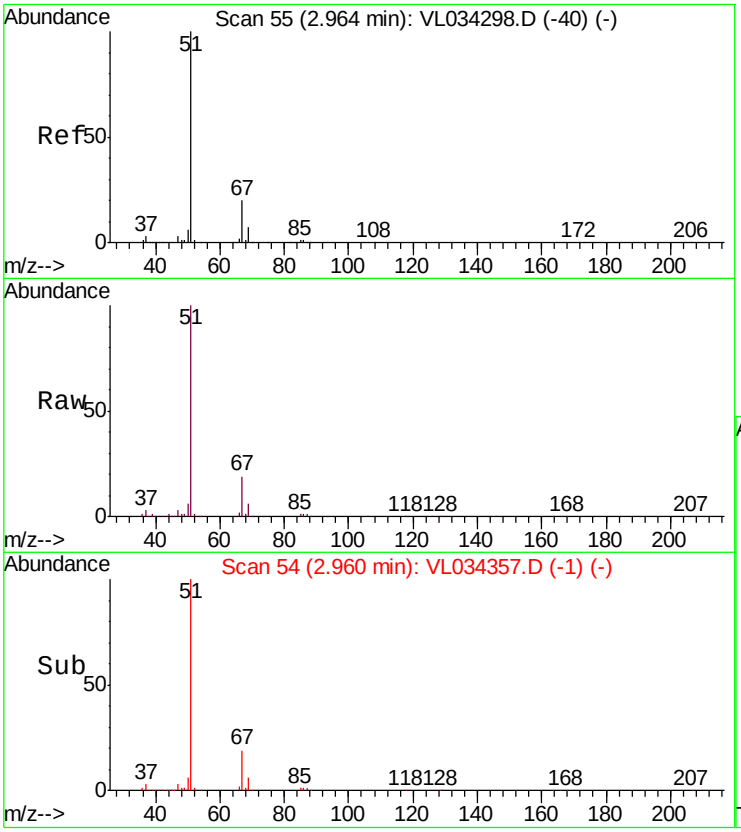




#2
Dichlorodifluoromethane
Concen: 9.720 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 85 Resp: 1537037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.9 | 27.0 | 40.6 |



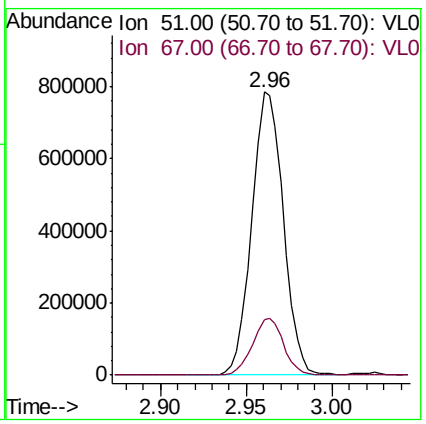


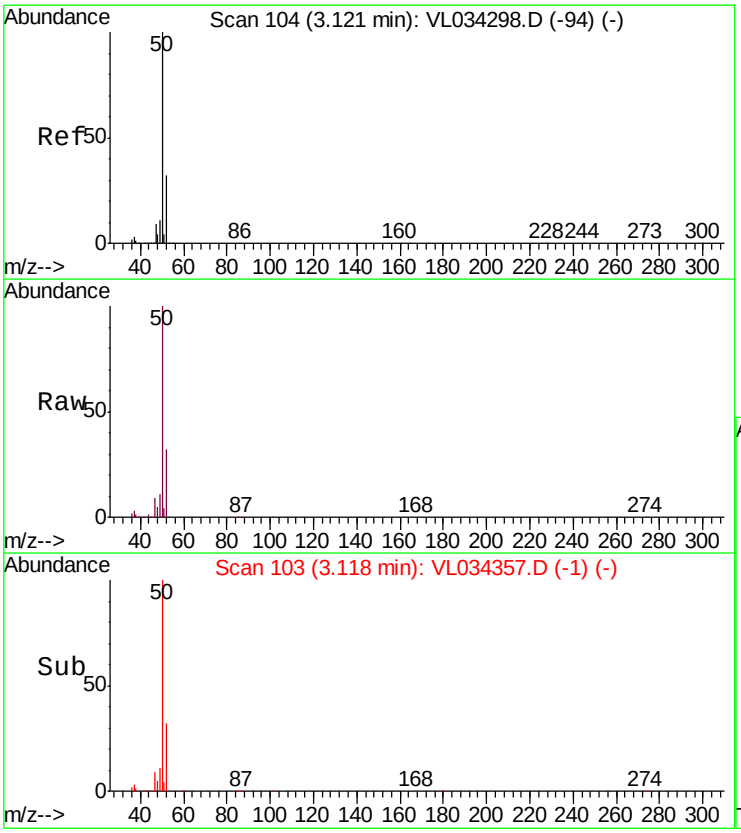

#3
Chlorodifluoromethane
Concen: 9.274 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 51 Resp: 997093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 19.8 | 15.8 | 23.8 |

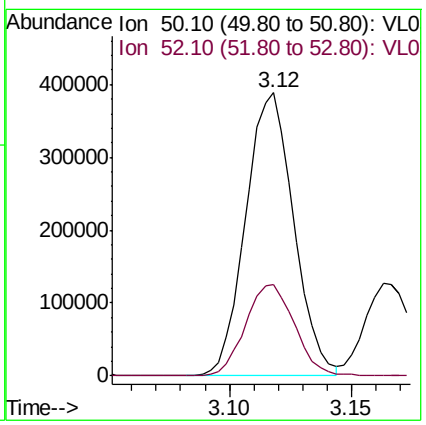


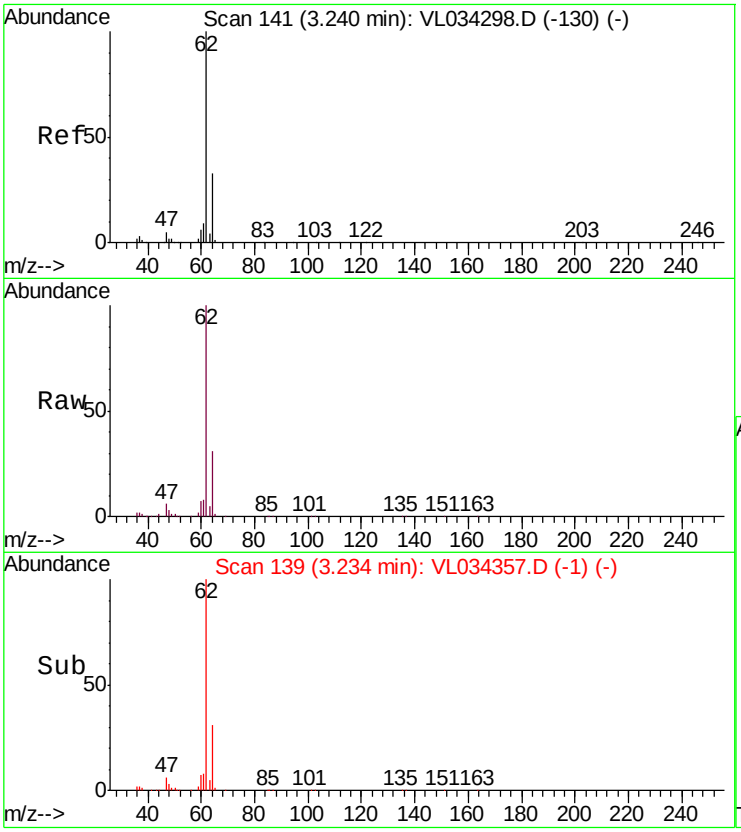




#4
Chloromethane
Concen: 8.297 ppbv
RT: 3.12 min Scan# 103
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 50 Resp: 527649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.2 | 25.4 | 38.2 |



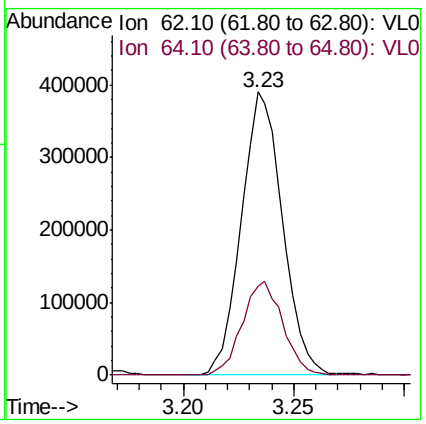


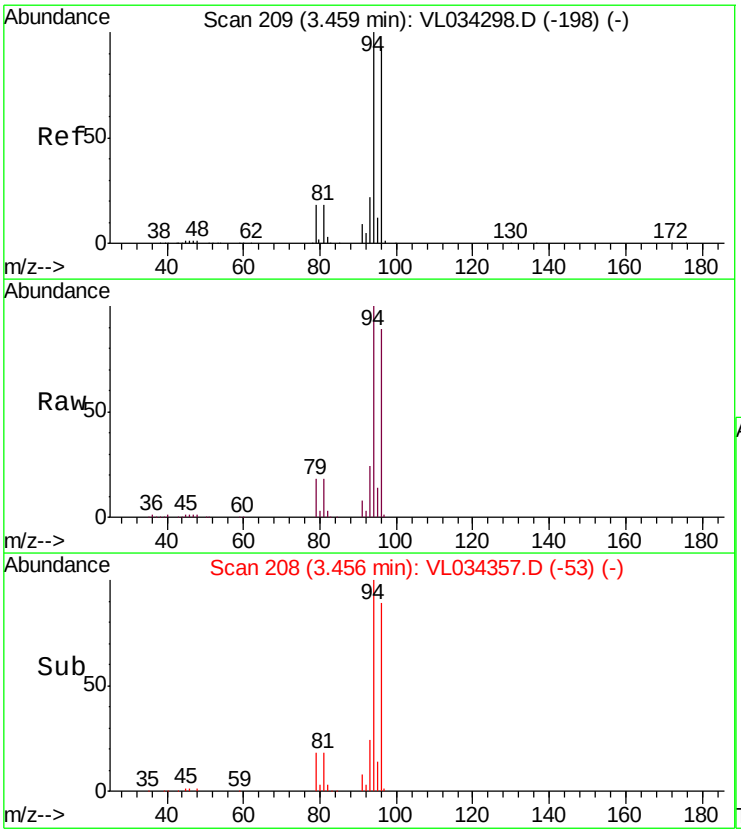

#5
Vinyl Chloride
Concen: 8.379 ppbv
RT: 3.23 min Scan# 139
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 62 Resp: 508095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.4 | 26.0 | 39.0 |

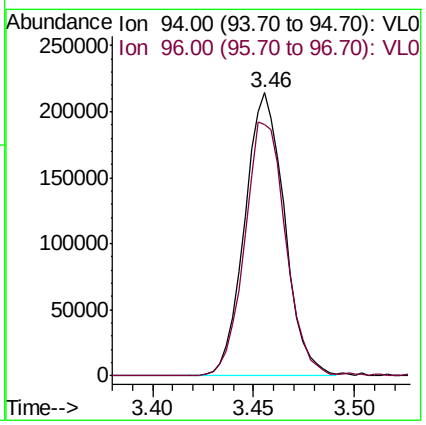


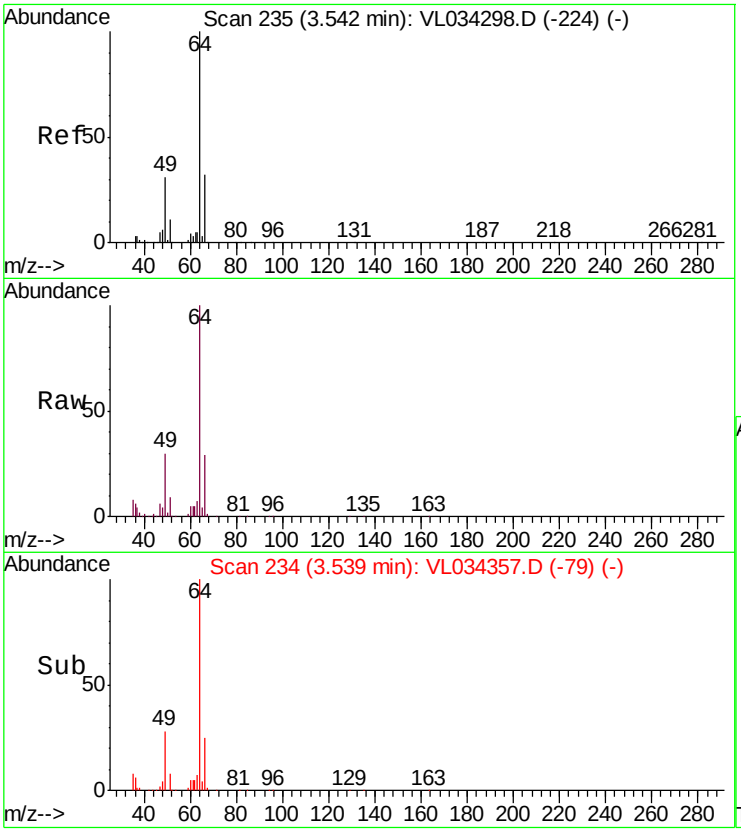




#6
Bromomethane
Concen: 9.985 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 94 Resp: 296497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 88.9 | 74.6 | 112.0 |



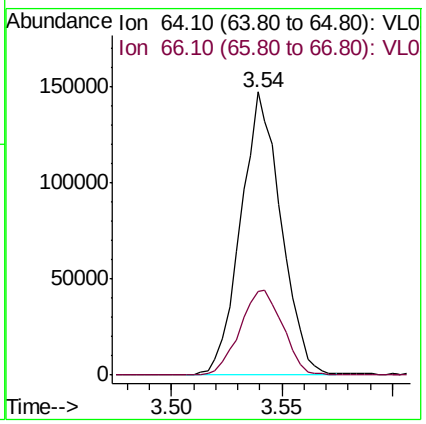


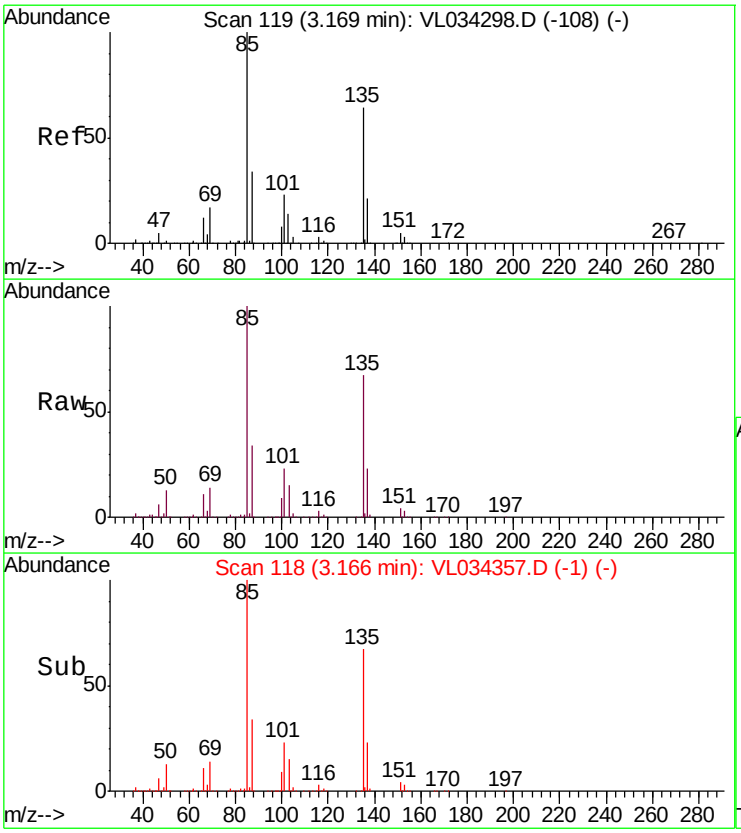

#7
Chloroethane
Concen: 8.790 ppbv
RT: 3.54 min Scan# 234
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 64 Resp: 187603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.5 | 25.4 | 38.0 |

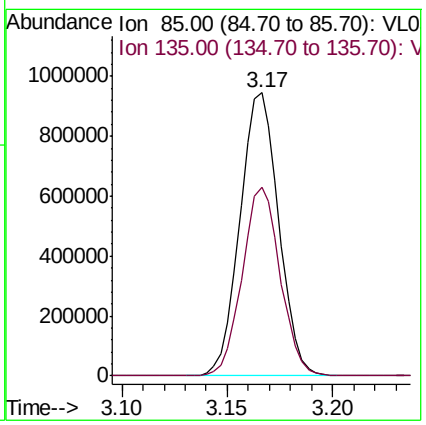


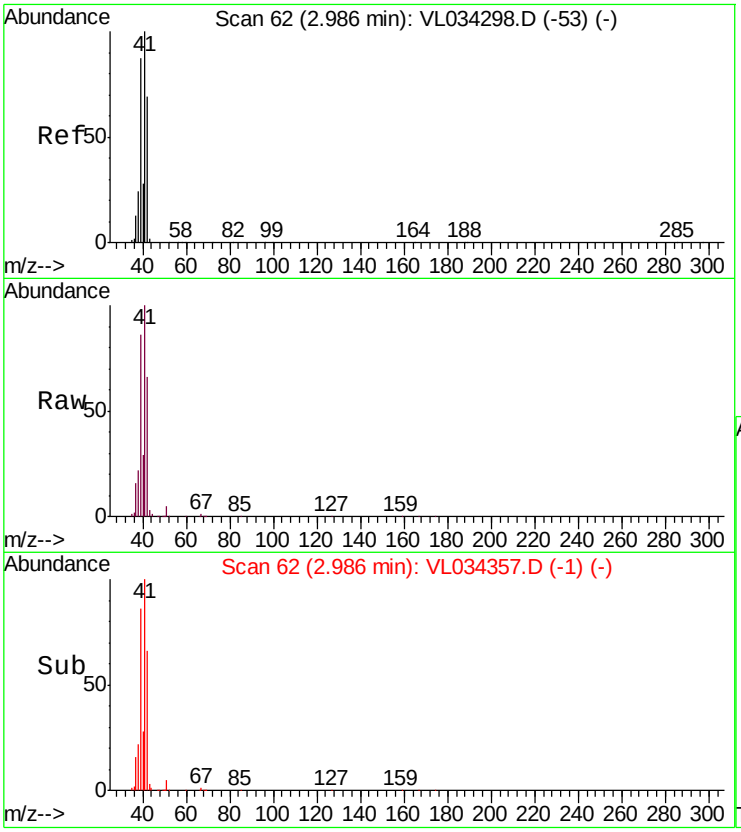




#8
Dichlorotetrafluoroethane
Concen: 8.759 ppbv
RT: 3.17 min Scan# 118
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 85 Resp: 1200239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 65.9 | 50.2 | 75.2 |



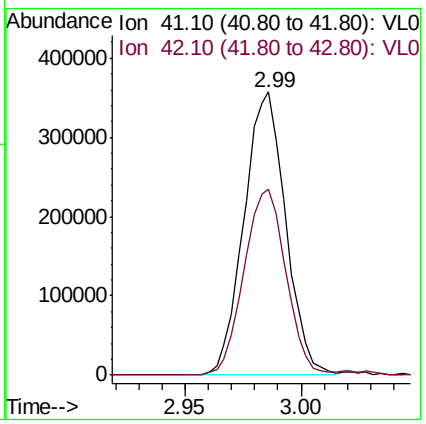


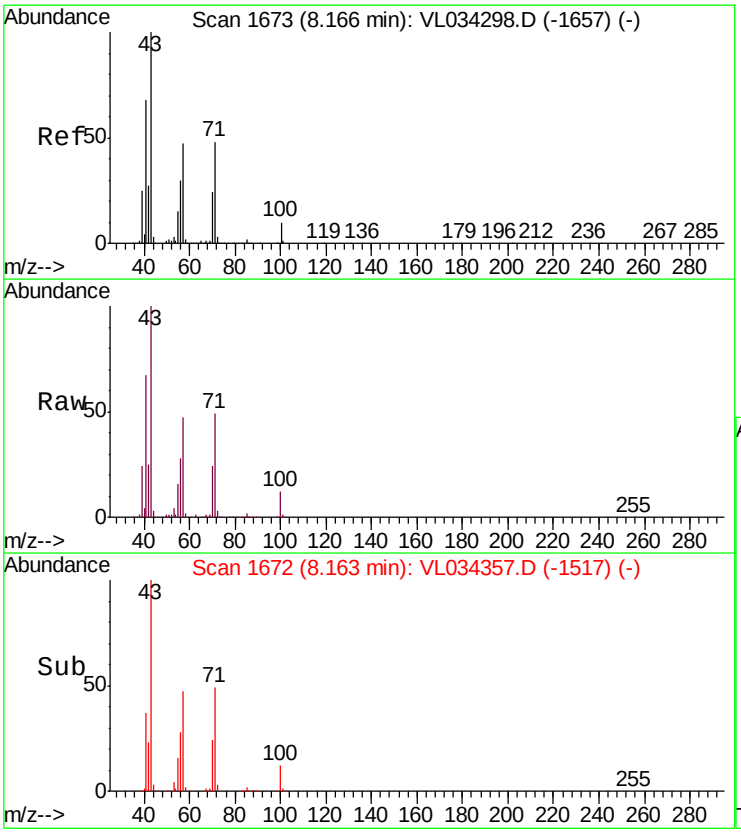

#9
Propene
Concen: 9.376 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 41 Resp: 446881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 67.6 | 53.9 | 80.9 |

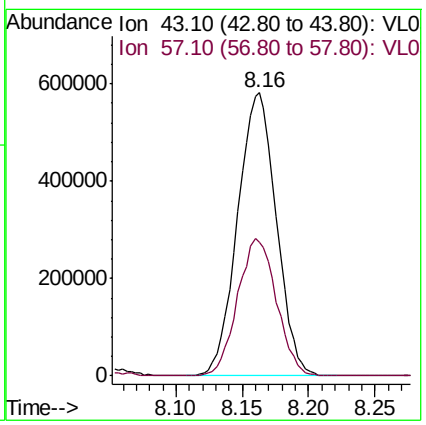


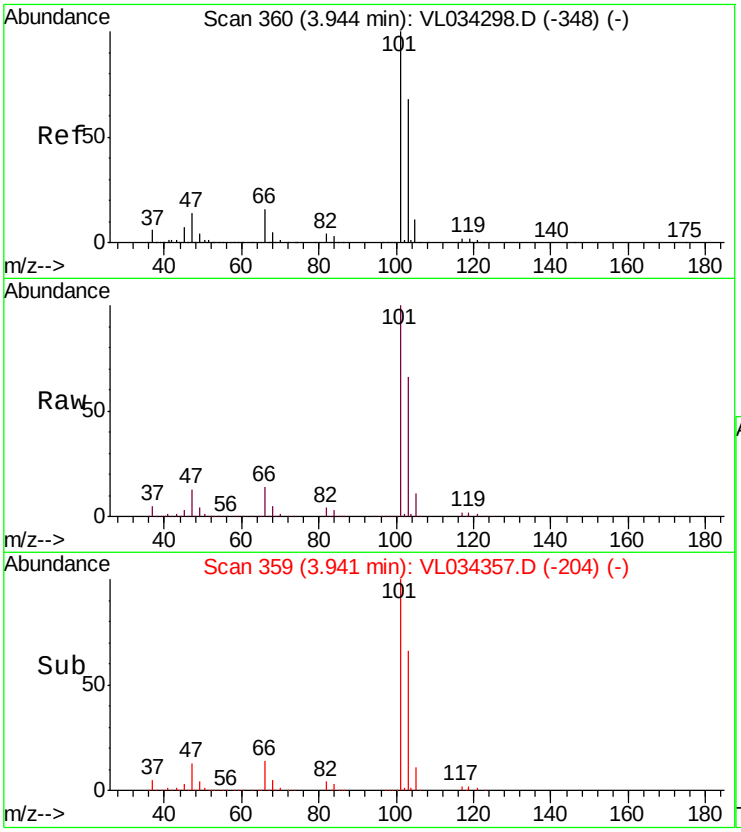




#10
Heptane
Concen: 9.593 ppbv
RT: 8.16 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 43 Resp: 1173449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 49.0 | 39.5 | 59.3 |



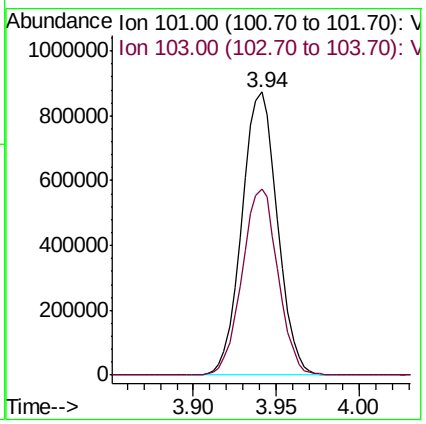


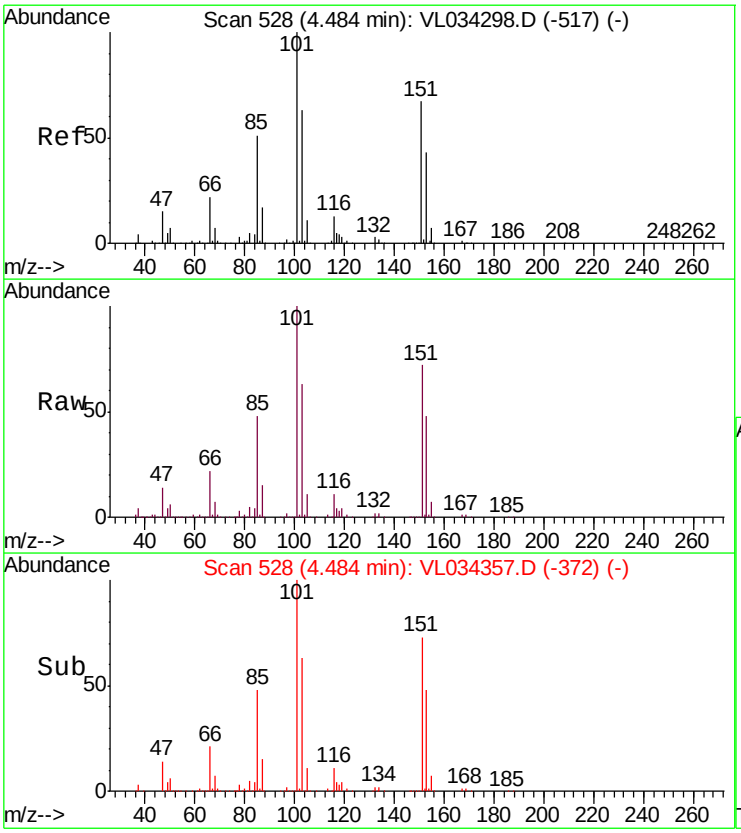

#11
Trichlorofluoromethane
Concen: 8.662 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:101 Resp: 1300492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.9 | 54.5 | 81.7 |

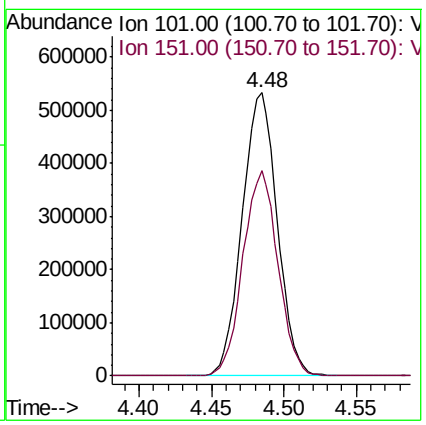


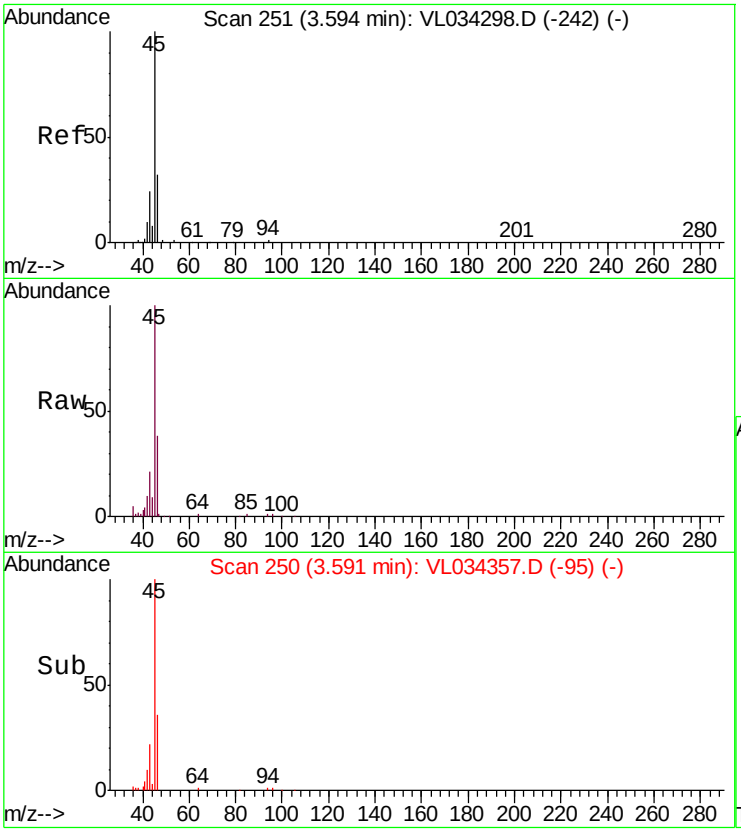




#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.145 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:101 Resp: 899505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 72.5 | 57.4 | 86.2 |



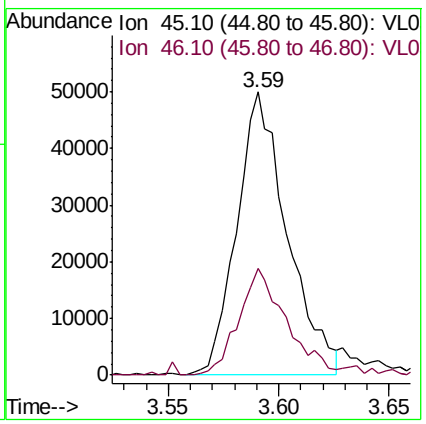


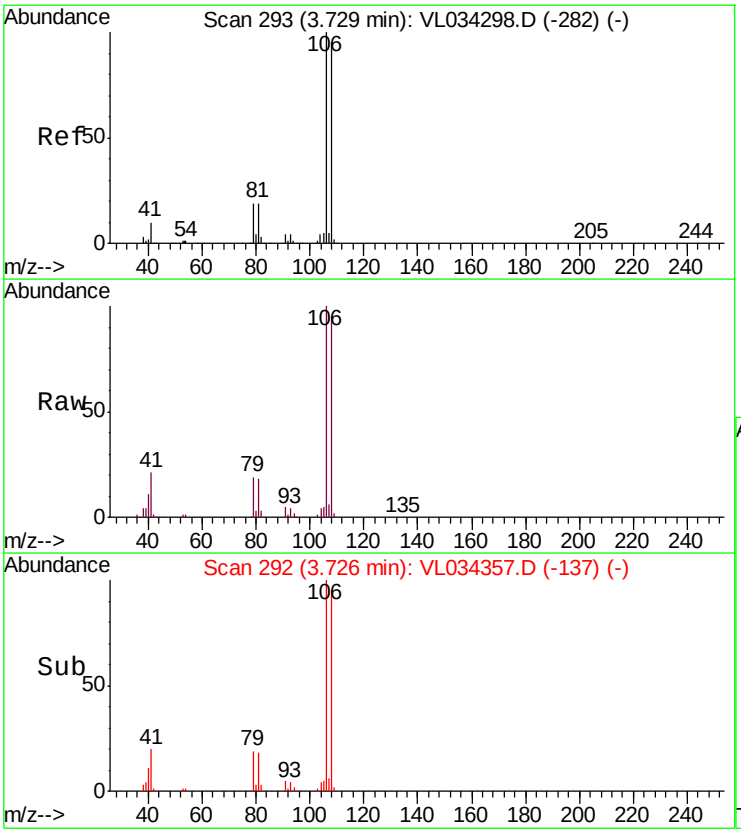

#13
Ethanol
Concen: 7.460 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 45 Resp: 79608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 39.5 | 15.8 | 63.2 |

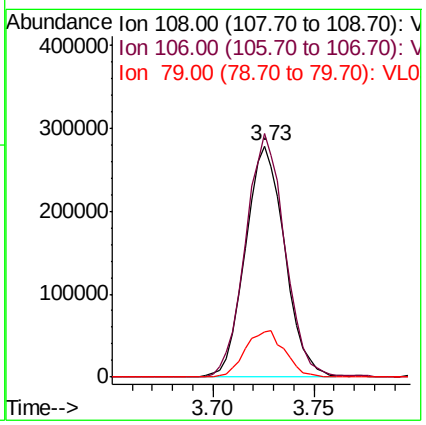


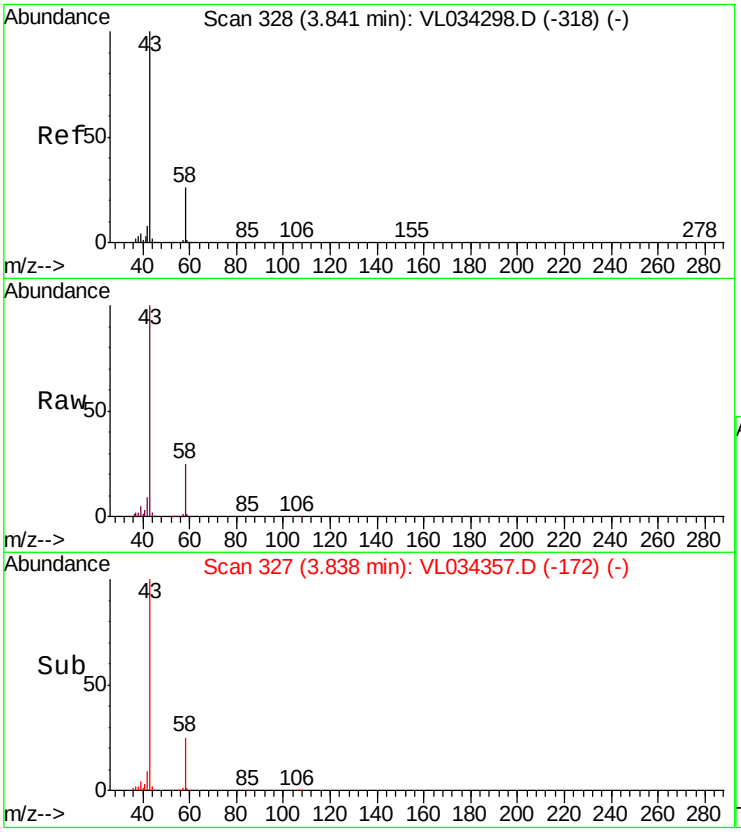




#14
Bromoethene
Concen: 9.857 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:108 Resp: 381747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 105.5 | 84.8 | 127.2 |
| 79 | 20.7 | 17.0 | 25.4 |



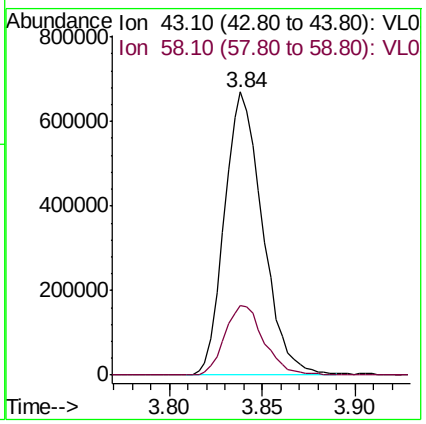


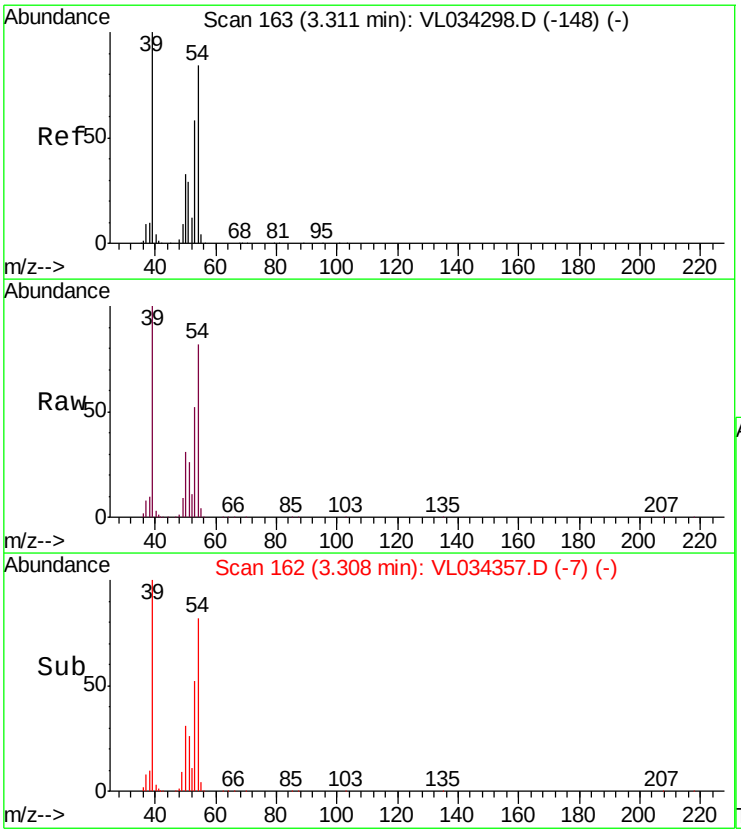

#15
Acetone
Concen: 7.295 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 43 Resp: 957068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.3 | 20.4 | 30.6 |

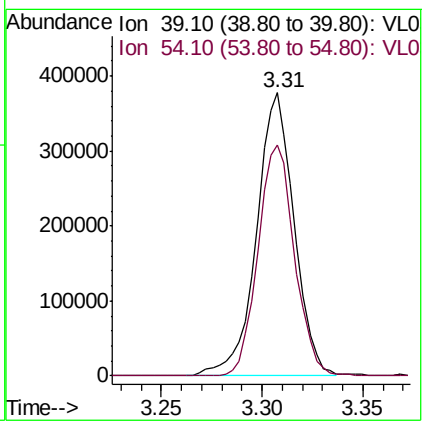


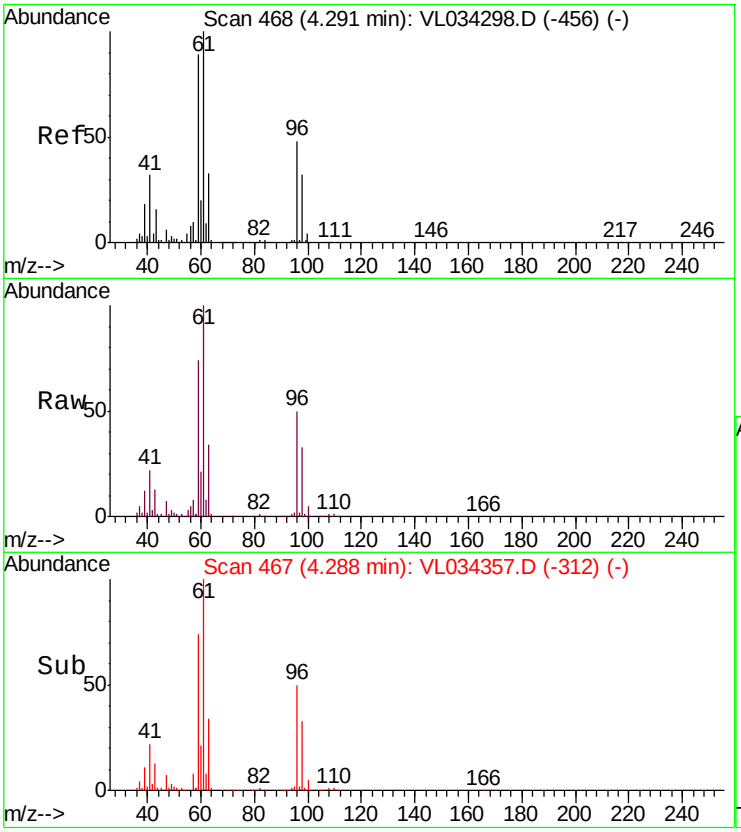




#16
1,3-Butadiene
Concen: 9.165 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 39 Resp: 488566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 80.2 | 63.9 | 95.9 |



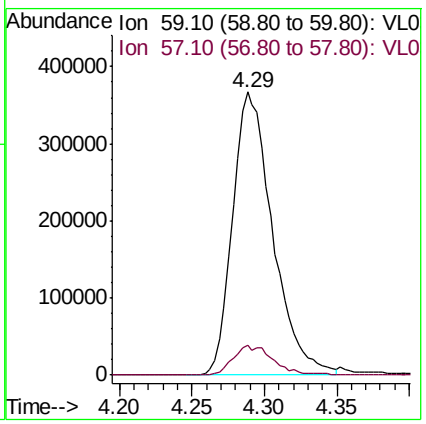


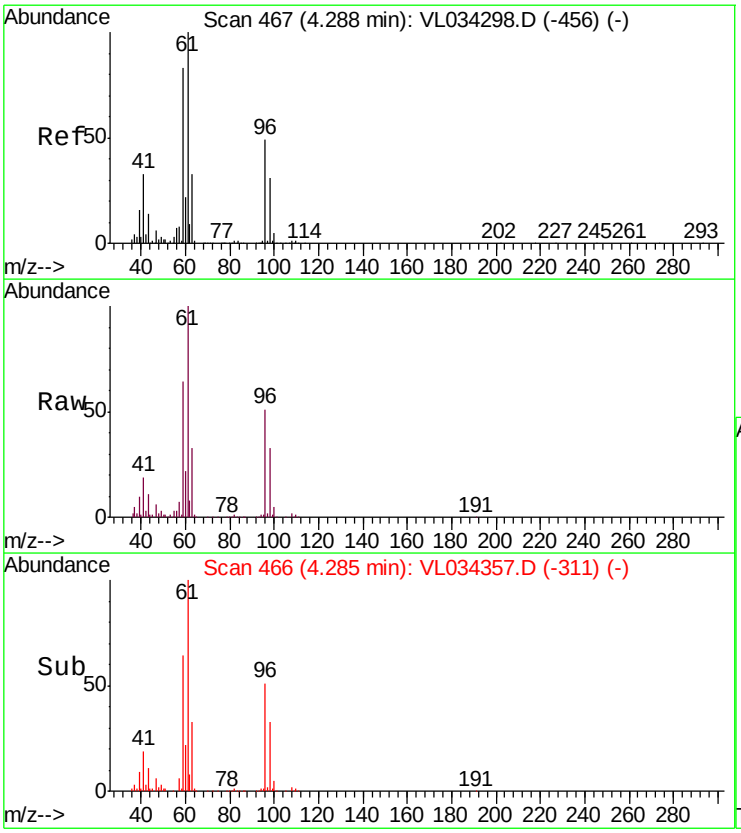

#17
tert-Butyl alcohol
Concen: 8.408 ppbv
RT: 4.29 min Scan# 467
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 59 Resp: 704034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.4 | 8.8 | 13.2 |

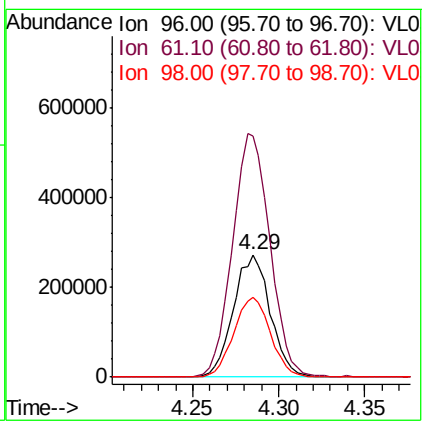


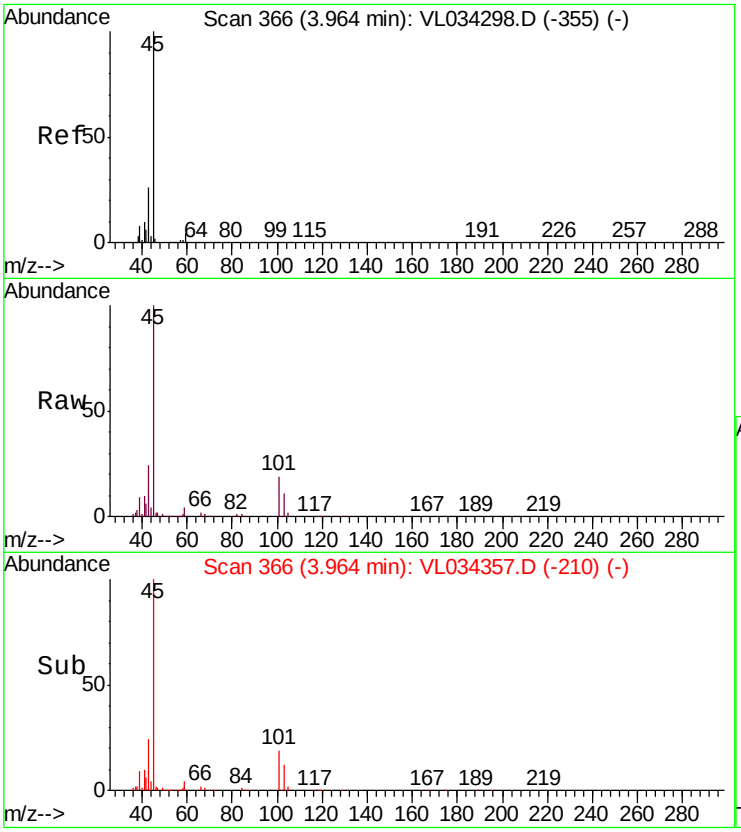




#18
1,1-Dichloroethene
Concen: 9.374 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 96 Resp: 403713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 197.5 | 164.5 | 246.7 |
| 98 | 64.9 | 51.7 | 77.5 |



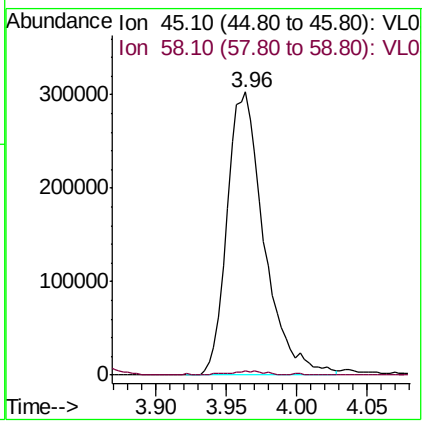


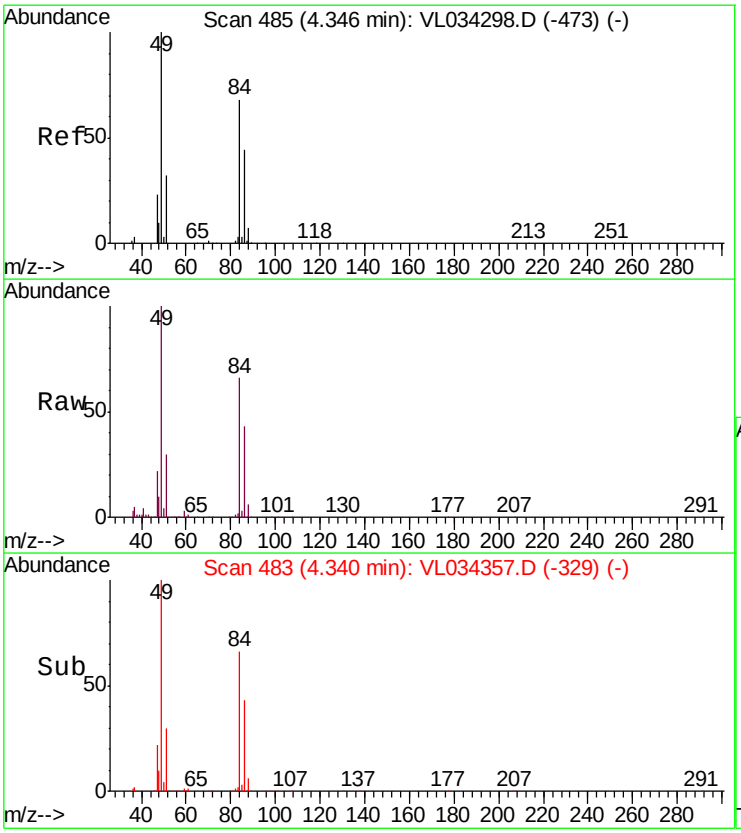

#19
Isopropyl Alcohol
Concen: 7.603 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 45 Resp: 556509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1.8 | 1.4 | 2.2 |

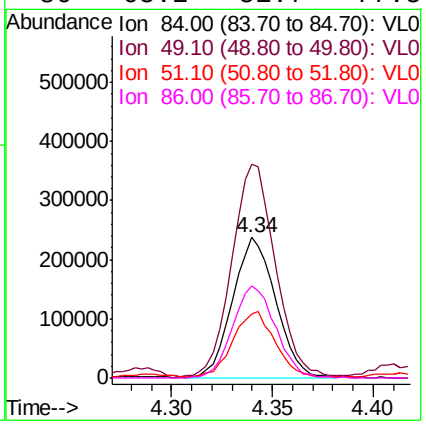


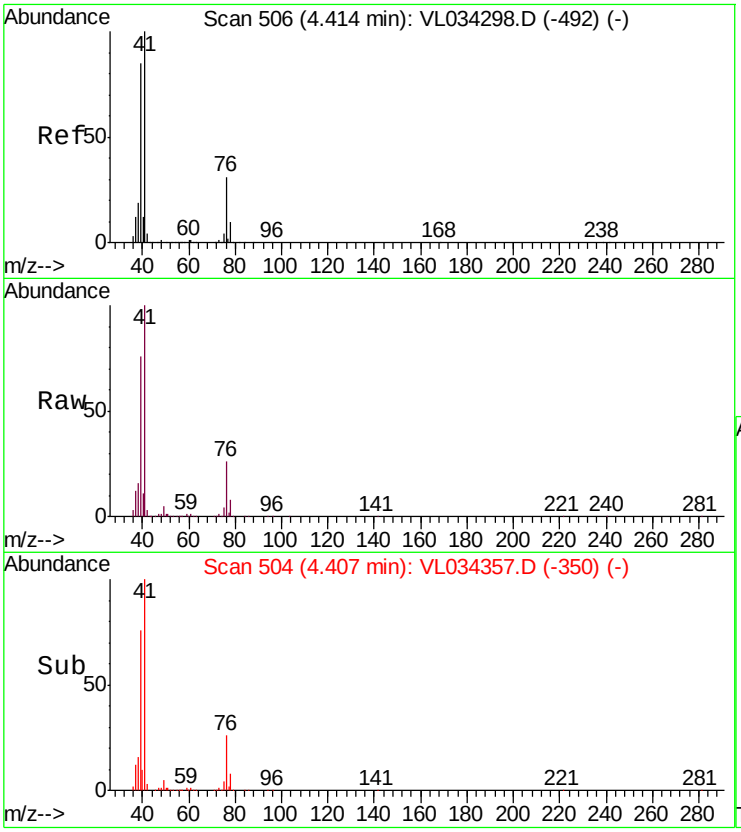




#20
Methylene Chloride
Concen: 7.466 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 84 Resp: 354106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 151.1 | 118.5 | 177.7 |
| 51 | 45.2 | 38.8 | 58.2 |
| 86 | 65.2 | 51.7 | 77.5 |



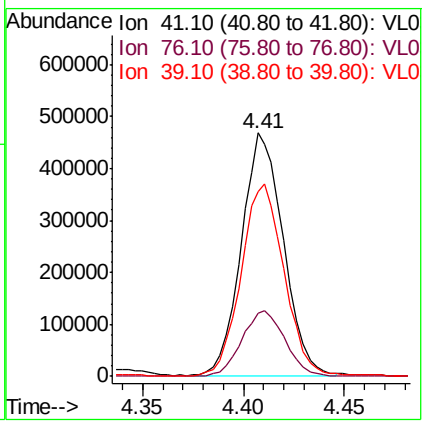


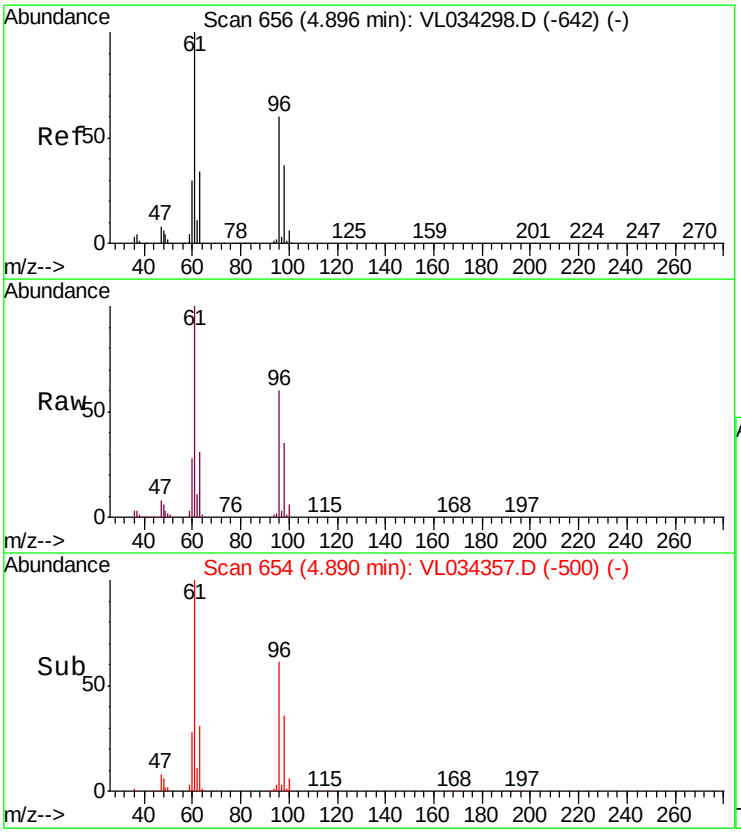

#21
Allyl Chloride
Concen: 9.361 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 41 Resp: 678989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 27.9 | 22.8 | 34.2 |
| 39 | 81.7 | 66.0 | 99.0 |

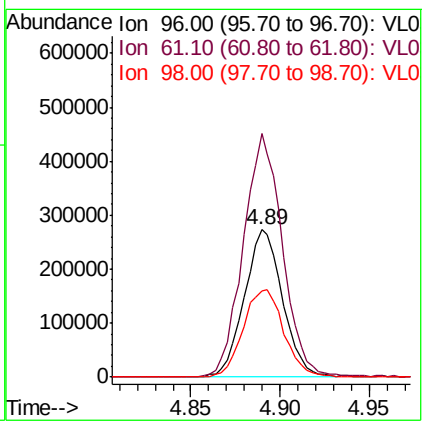


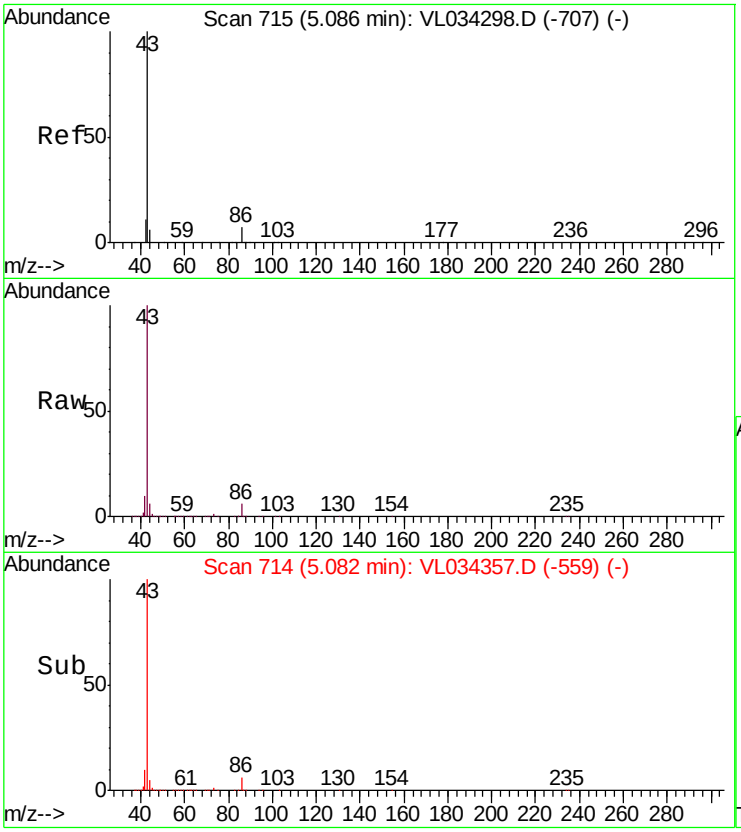




#22
trans-1,2-Dichloroethene
Concen: 9.479 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 96 Resp: 407193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 165.6 | 133.8 | 200.6 |
| 98 | 58.5 | 49.4 | 74.0 |



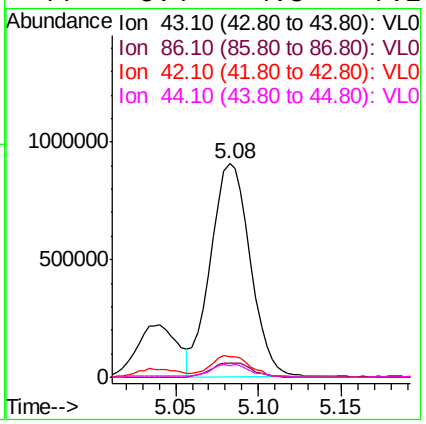


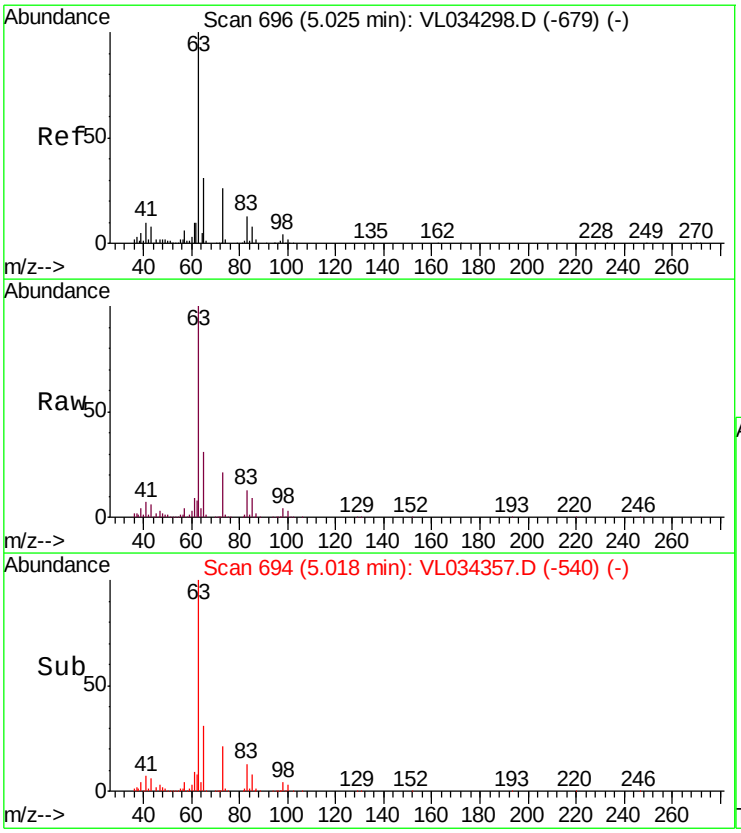

#23
Vinyl Acetate
Concen: 9.213 ppbv
RT: 5.08 min Scan# 714
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 43 Resp: 1509522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.5 | 5.0 | 7.4 |
| 42 | 9.6 | 8.6 | 13.0 |
| 44 | 5.4 | 4.8 | 7.2 |

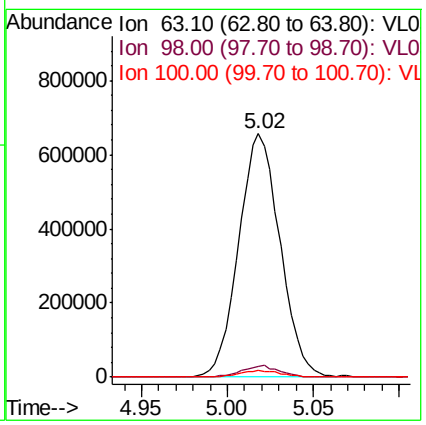


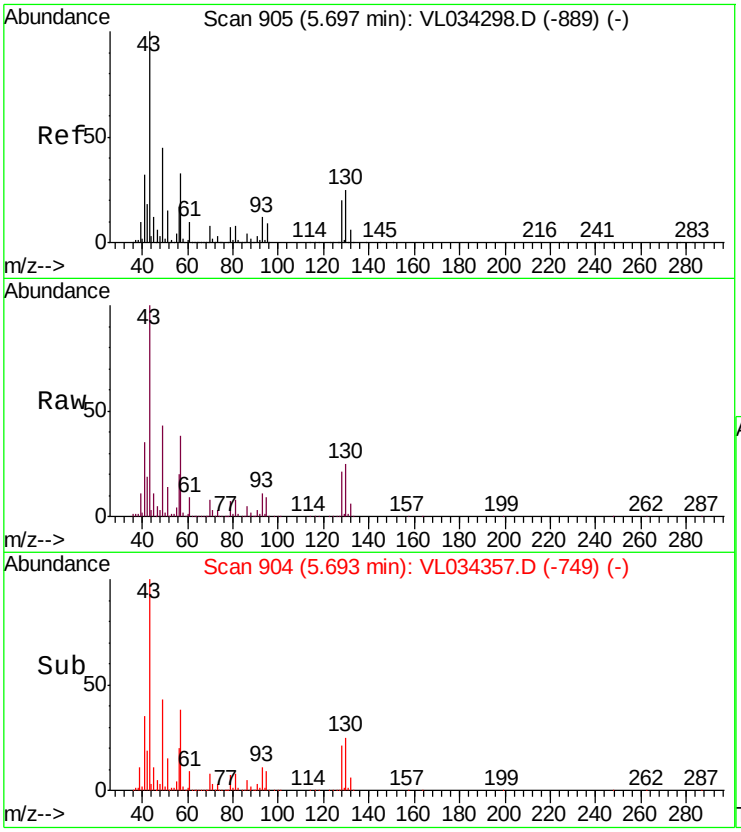




#24
1,1-Dichloroethane
Concen: 8.959 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 63 Resp: 1089475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.2 | 2.0 | 6.0 |
| 100 | 2.9 | 1.1 | 3.5 |



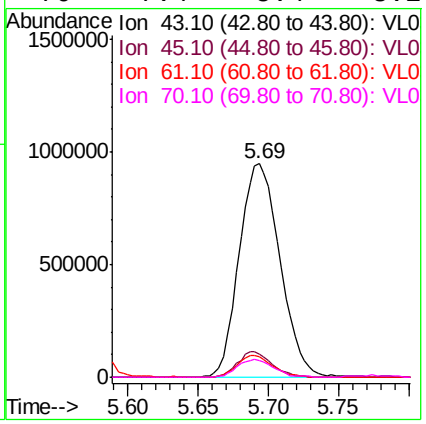


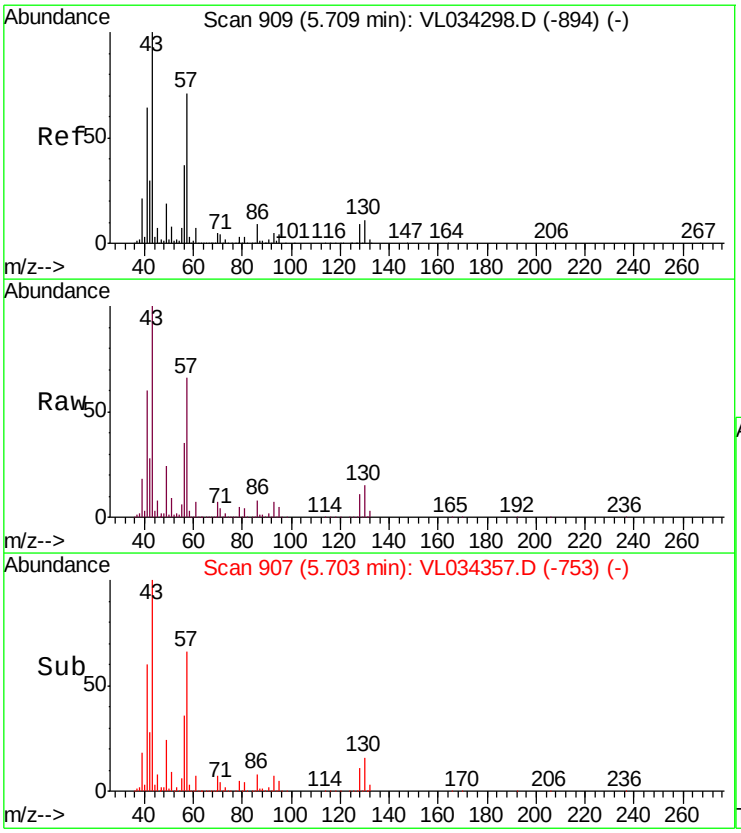

#25
Ethyl Acetate
Concen: 8.653 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 43 Resp: 1916714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 10.3 | 8.3 | 12.5 |
| 61 | 9.2 | 7.7 | 11.5 |
| 70 | 7.4 | 5.4 | 8.2 |

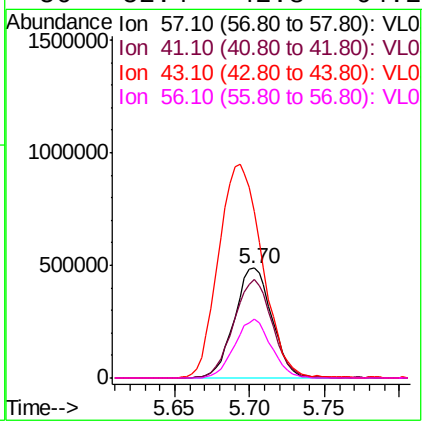


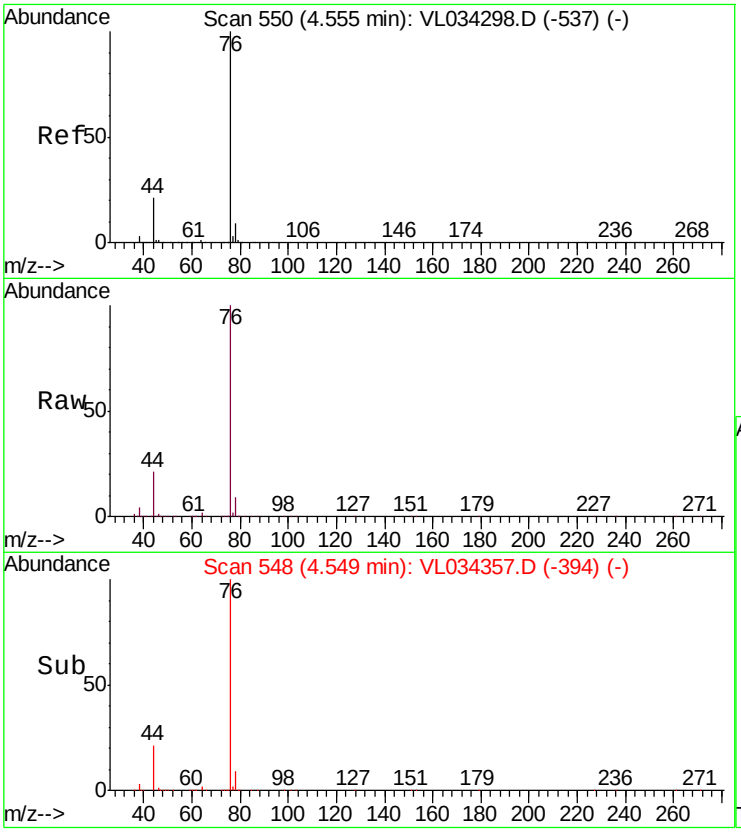




#26
Hexane
Concen: 9.017 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 57 Resp: 851308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 92.9 | 76.5 | 114.7 |
| 43 | 226.1 | 188.5 | 282.7 |
| 56 | 52.4 | 42.8 | 64.2 |



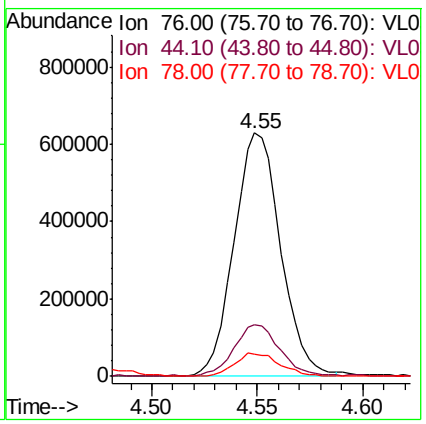


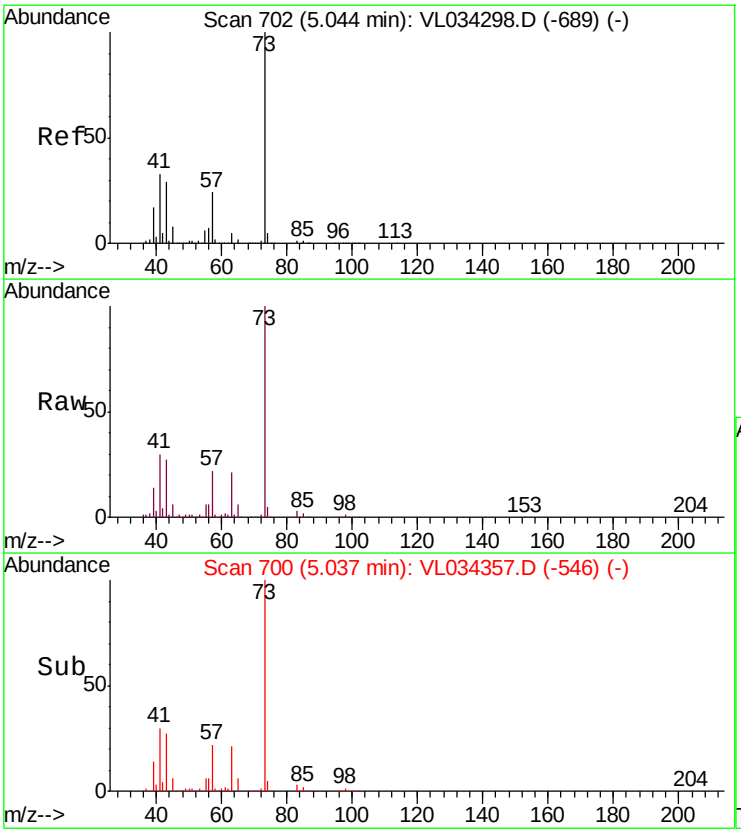

#27
Carbon Disulfide
Concen: 9.809 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 76 Resp: 961385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 20.4 | 17.3 | 25.9 |
| 78 | 9.5 | 7.8 | 11.6 |

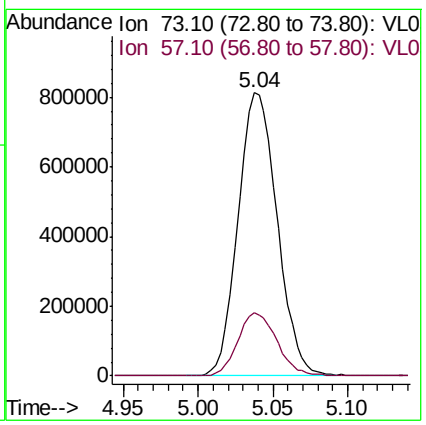


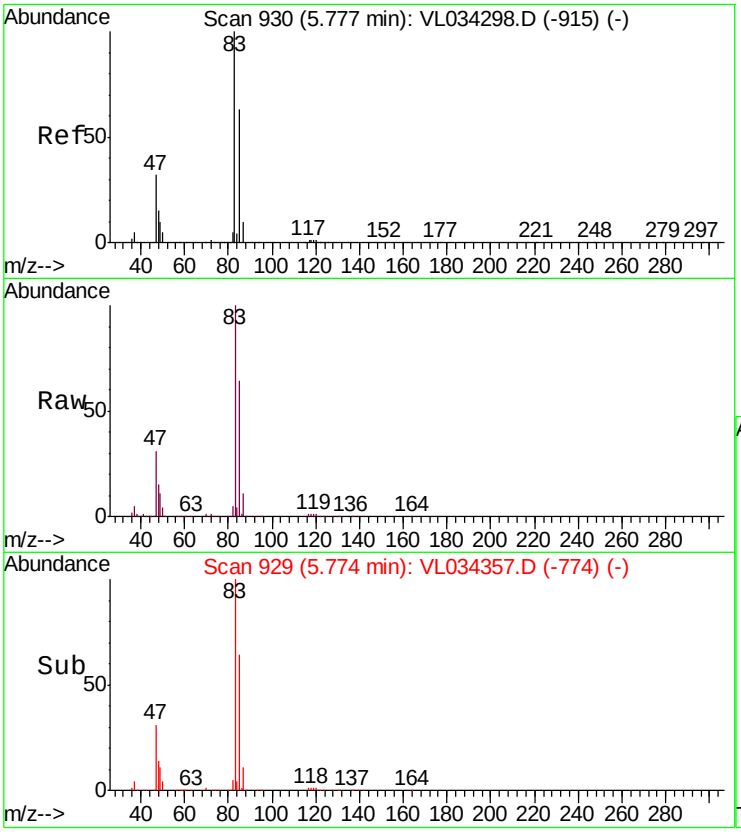




#28
Methyl tert-Butyl Ether
Concen: 10.352 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 73 Resp: 1479130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.4 | 19.2 | 28.8 |



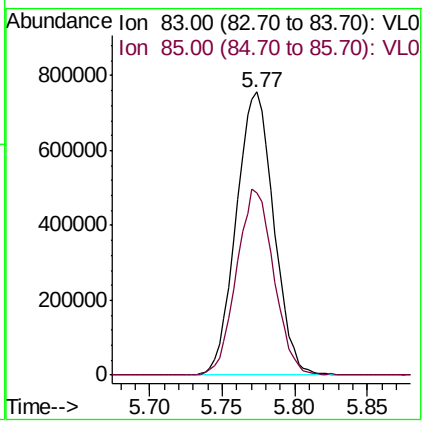


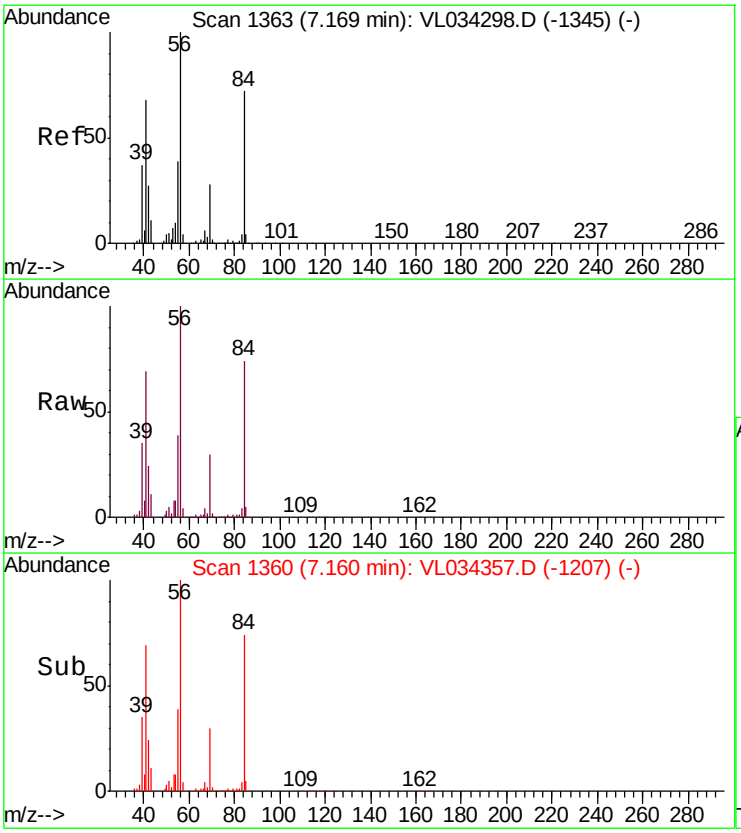

#29
Chloroform
Concen: 9.123 ppbv
RT: 5.77 min Scan# 929
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 83 Resp: 1362474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.1 | 50.5 | 75.7 |

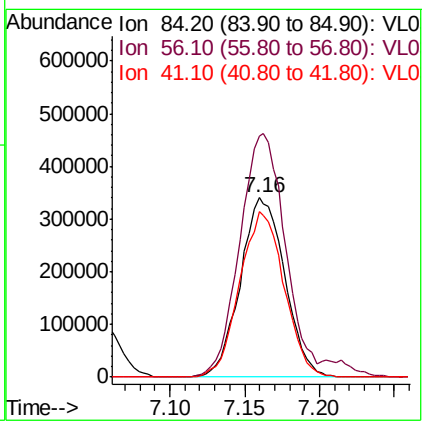


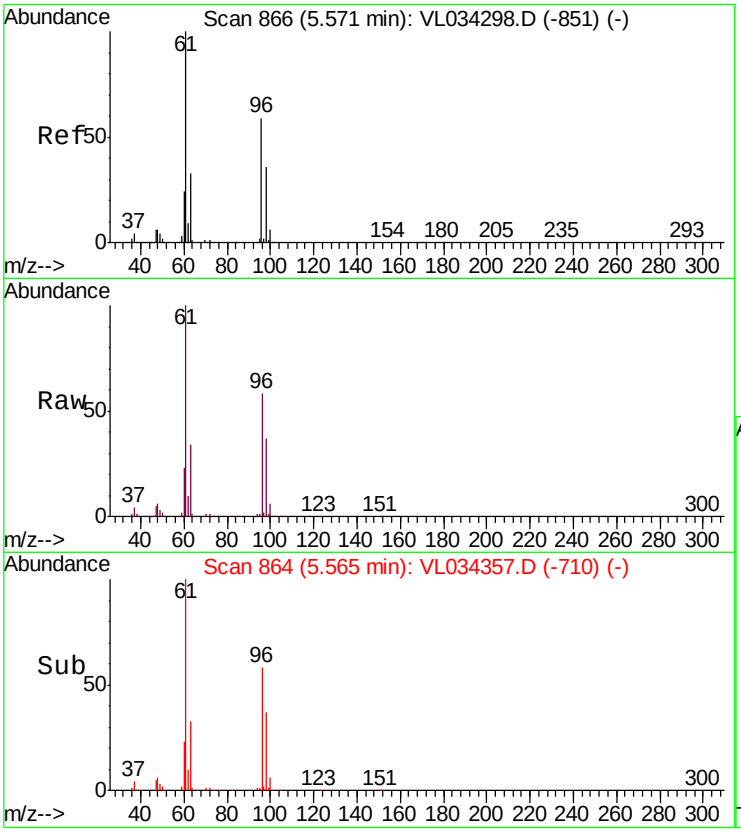




#30
Cyclohexane
Concen: 10.124 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 84 Resp: 702966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 145.2 | 119.4 | 179.0 |
| 41 | 92.4 | 78.7 | 118.1 |



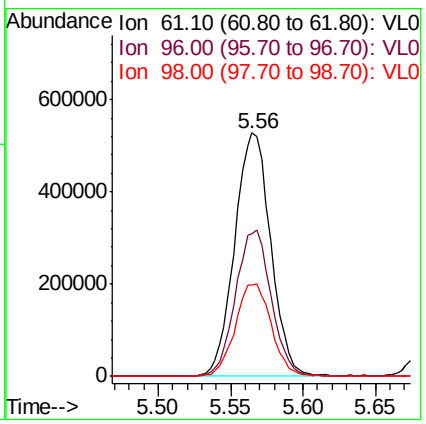


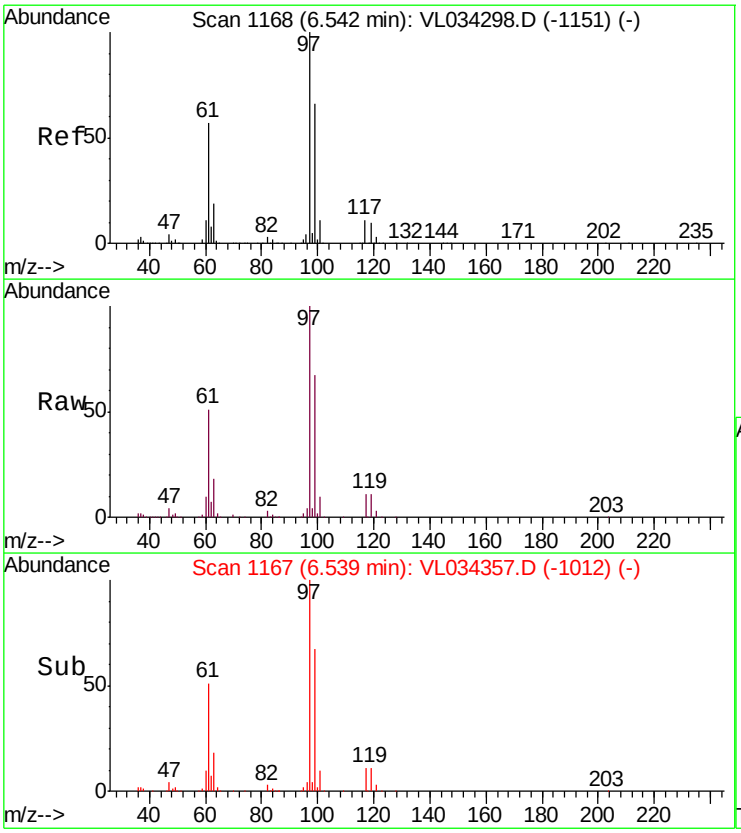

#31
cis-1,2-Dichloroethene
Concen: 9.539 ppbv
RT: 5.56 min Scan# 864
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 61 Resp: 913956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 58.4 | 47.5 | 71.3 |
| 98 | 37.4 | 28.8 | 43.2 |

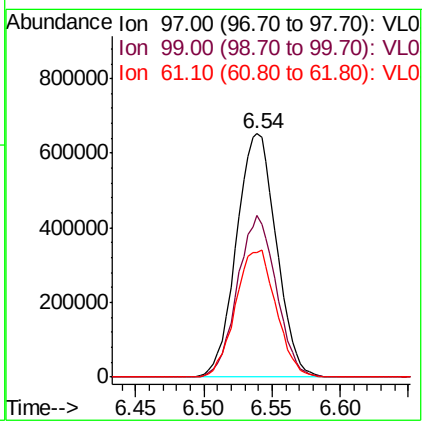


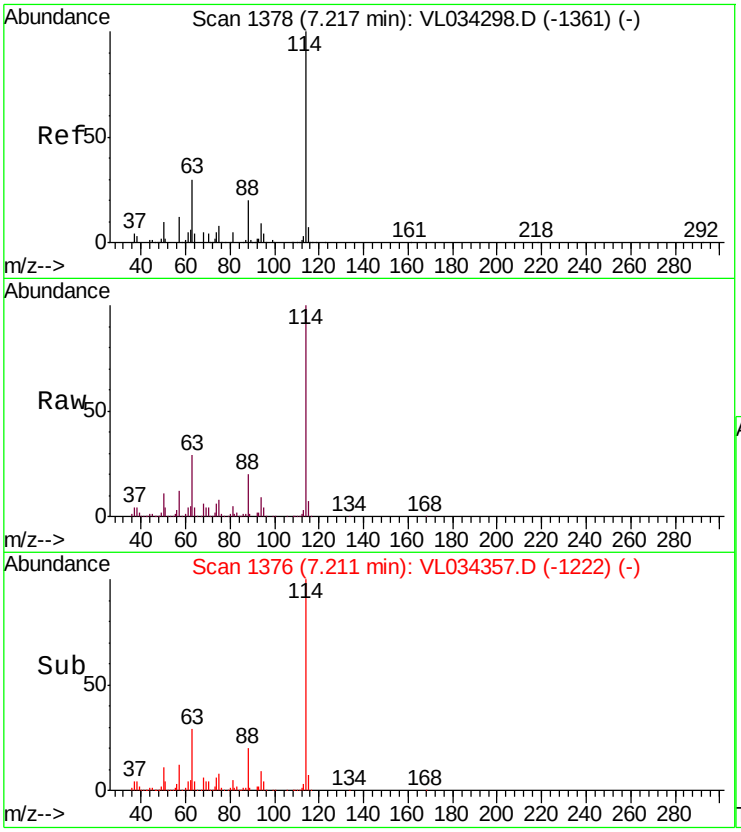




#32
1,1,1-Trichloroethane
Concen: 9.119 ppbv
RT: 6.54 min Scan# 1167
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 97 Resp: 1324290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.6 | 52.6 | 78.8 |
| 61 | 53.2 | 44.5 | 66.7 |



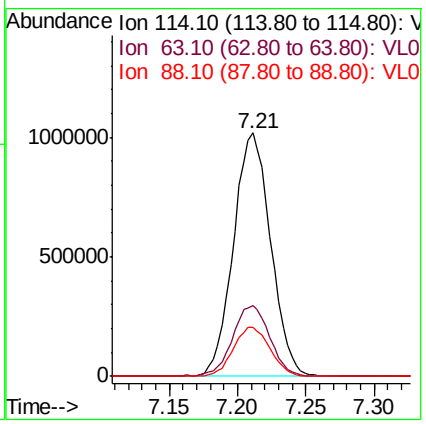


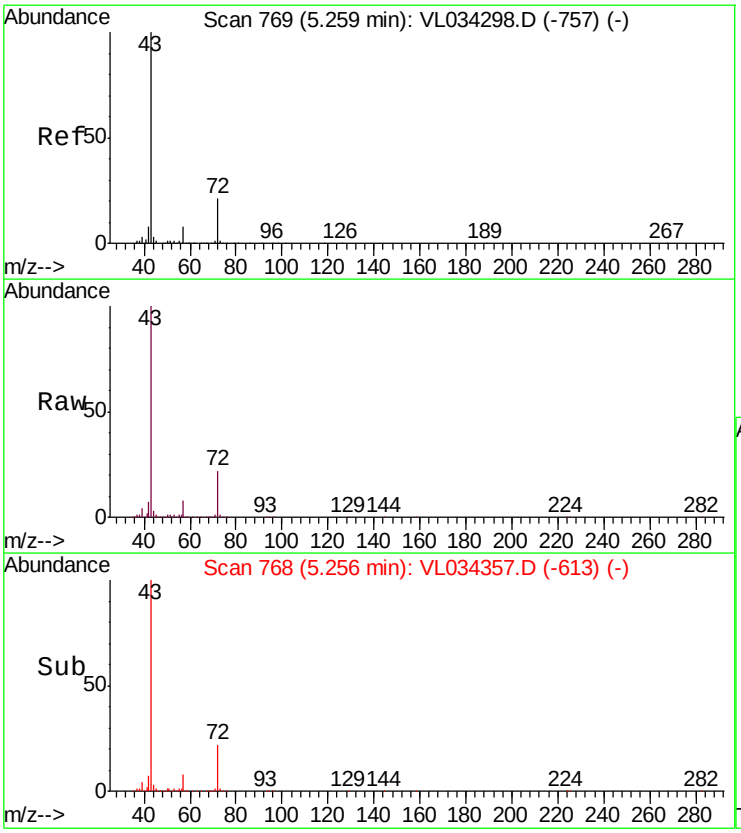

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:114 Resp: 1927074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 29.4 | 25.2 | 37.8 |
| 88 | 20.1 | 16.0 | 24.0 |

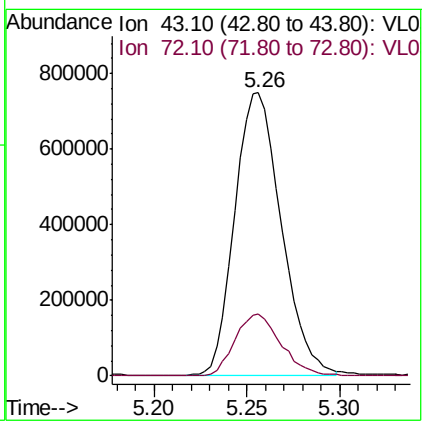


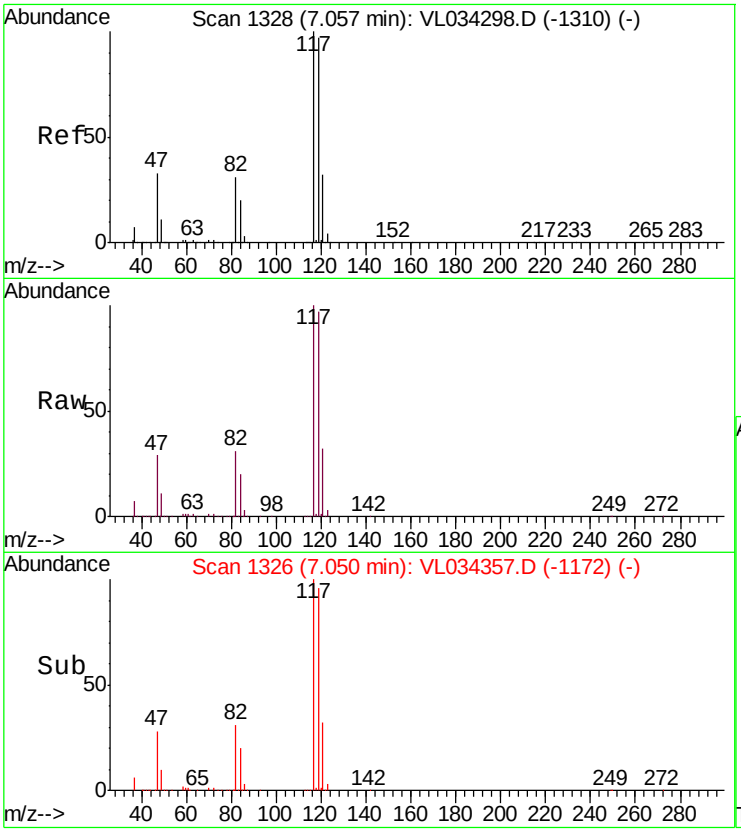




#34
2-Butanone
Concen: 8.301 ppbv
RT: 5.26 min Scan# 768
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 43 Resp: 1307558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.7 | 16.3 | 24.5 |



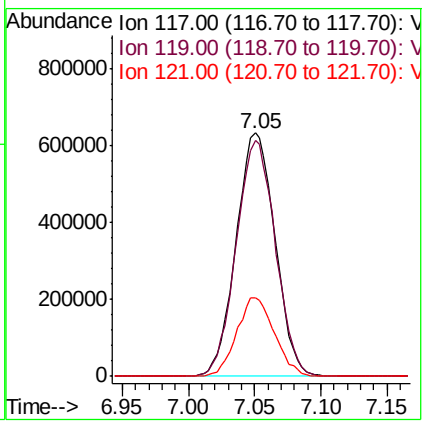


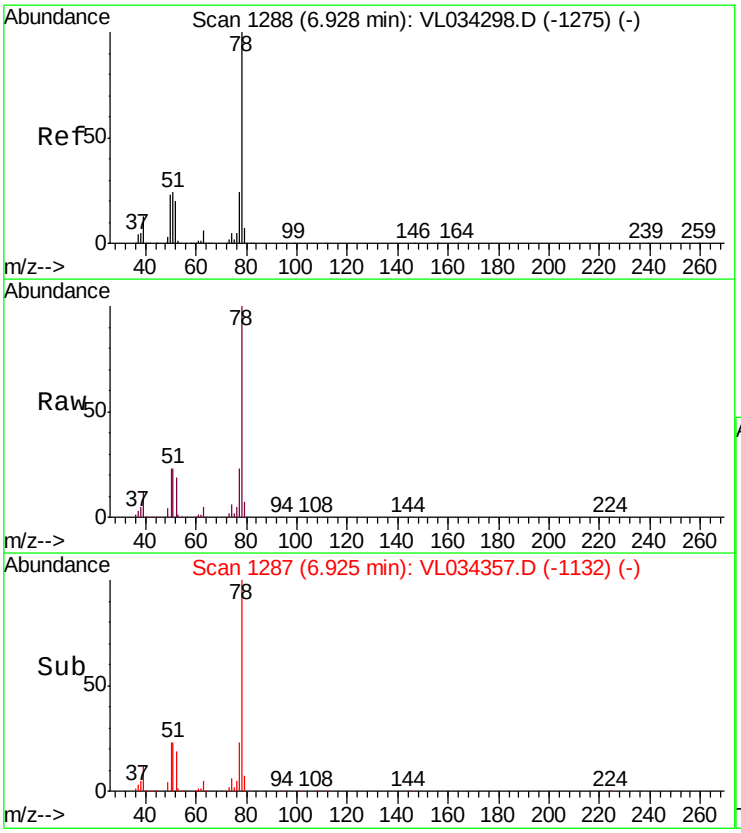

#35
Carbon Tetrachloride
Concen: 7.689 ppbv
RT: 7.05 min Scan# 1326
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:117 Resp: 1290611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 77.3 | 115.9 |
| 121 | 32.1 | 25.5 | 38.3 |

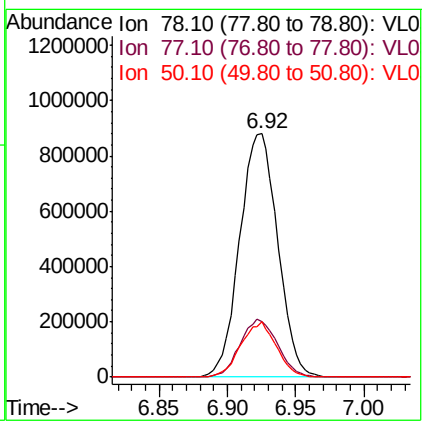


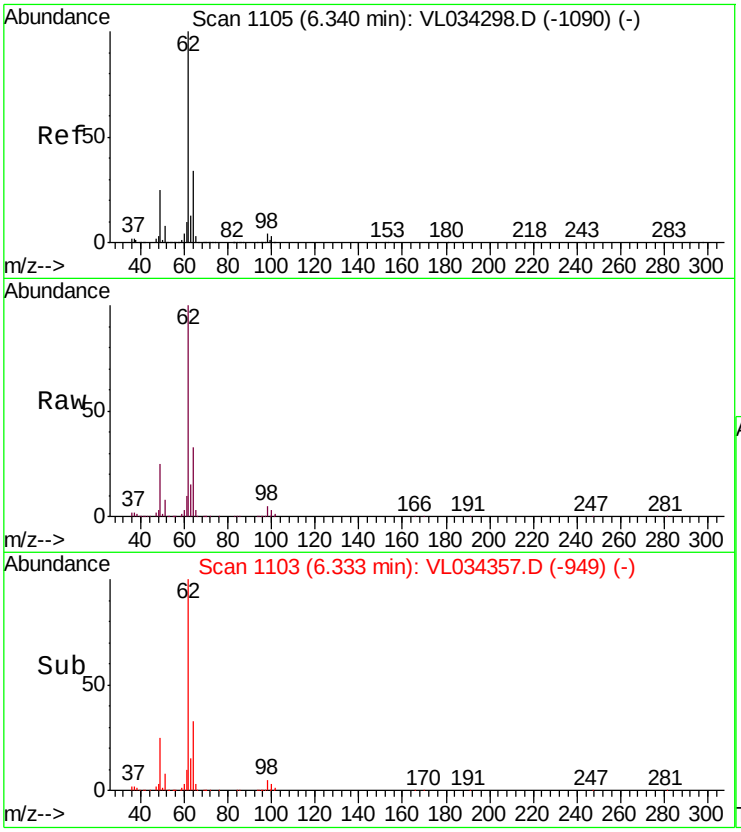




#36
Benzene
Concen: 9.225 ppbv
RT: 6.92 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 78 Resp: 1705752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.9 | 19.0 | 28.4 |
| 50 | 22.7 | 18.6 | 27.8 |



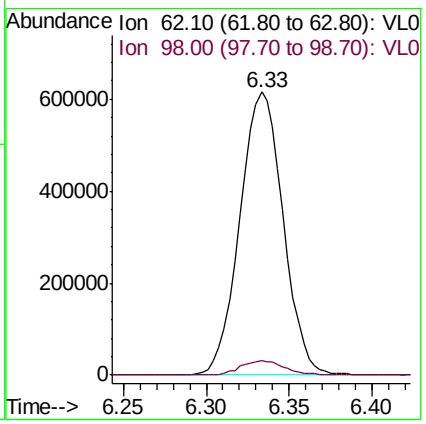


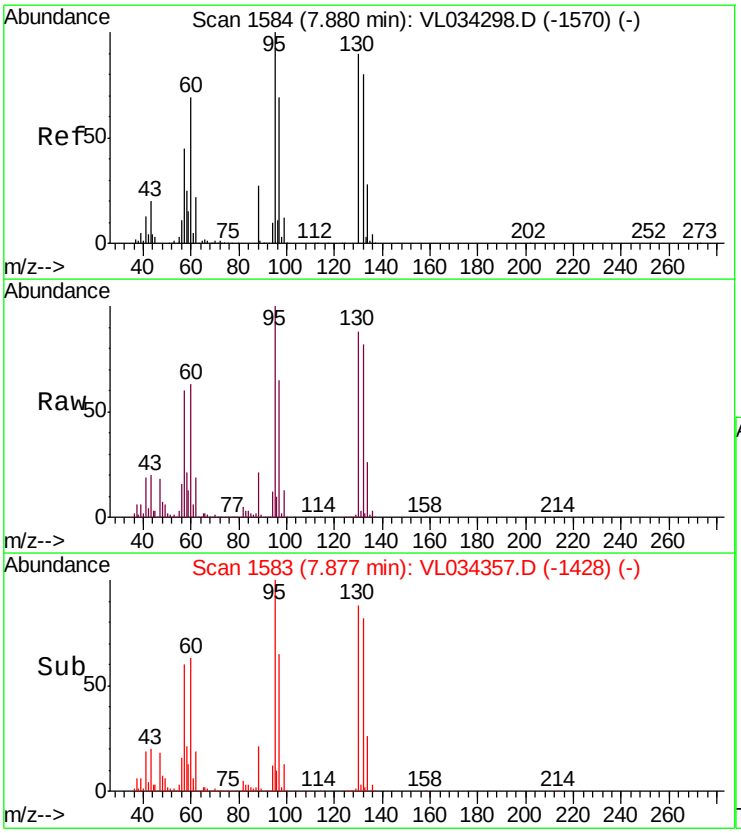

#37
1,2-Dichloroethane
Concen: 8.115 ppbv
RT: 6.33 min Scan# 1103
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 62 Resp: 1118210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.2 | 3.8 | 5.6 |

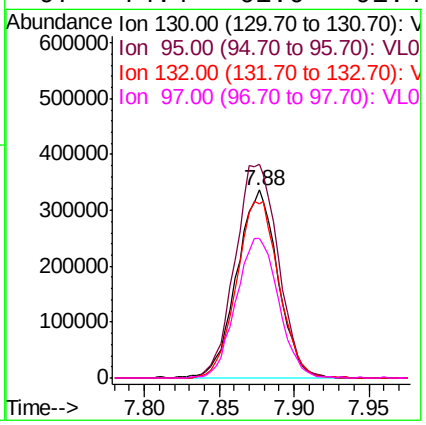


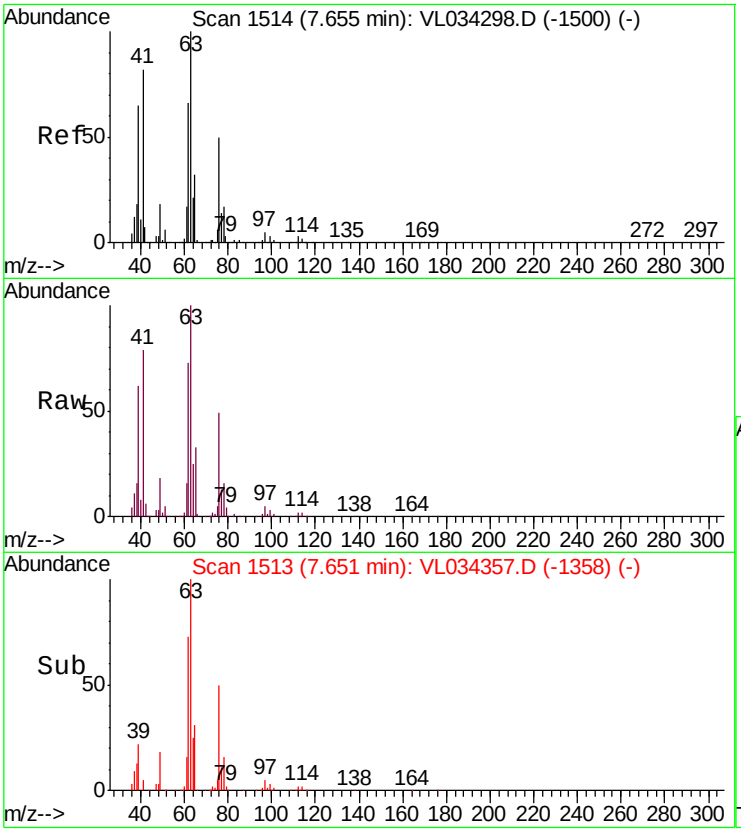




#38
Trichloroethene
Concen: 8.617 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:130 Resp: 639344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 113.9 | 88.6 | 132.8 |
| 132 | 93.1 | 71.2 | 106.8 |
| 97 | 74.4 | 61.0 | 91.4 |



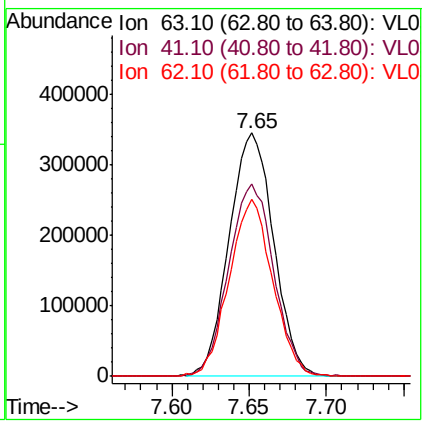


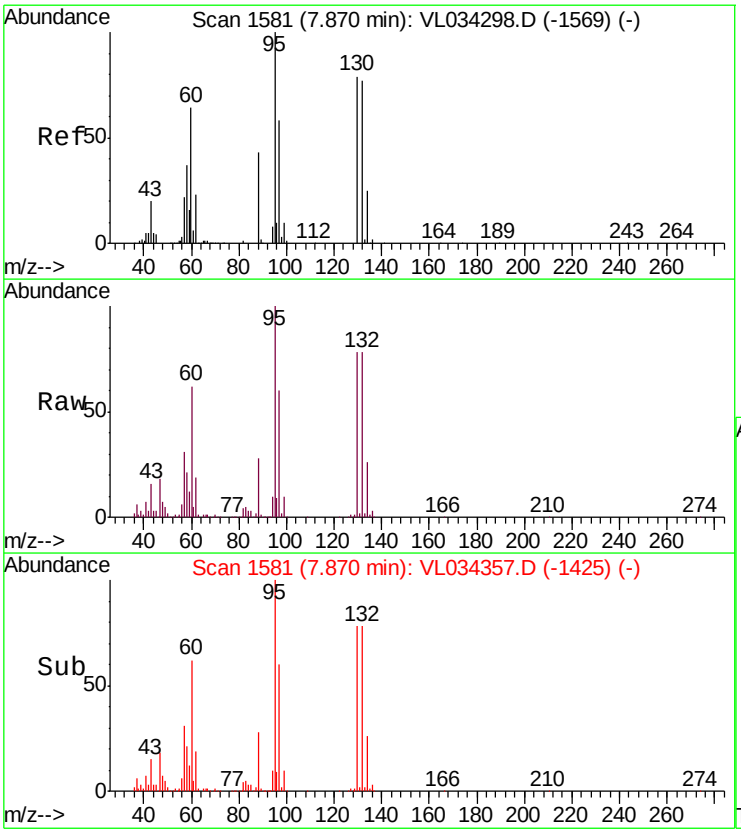

#39
1,2-Dichloropropane
Concen: 8.648 ppbv
RT: 7.65 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 63 Resp: 688485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 78.5 | 65.6 | 98.4 |
| 62 | 72.6 | 53.0 | 79.6 |

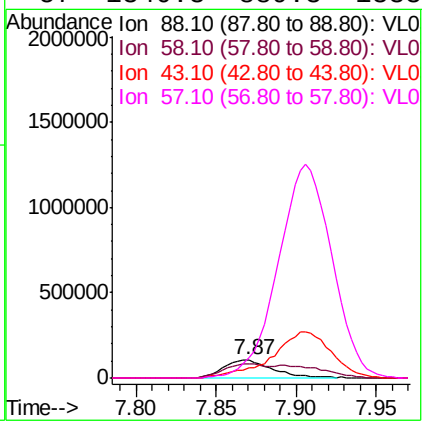


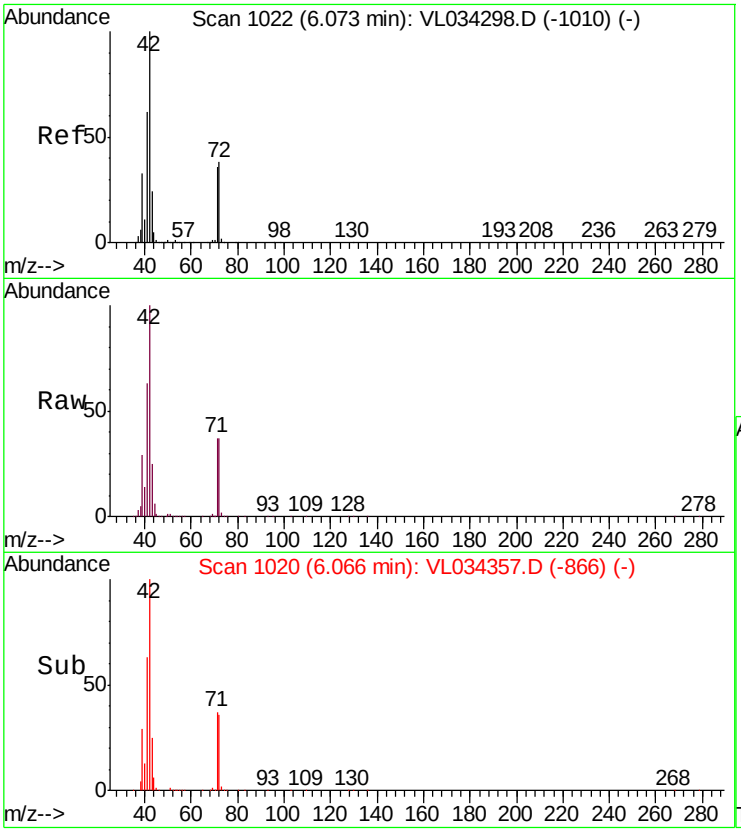




#40
1,4-Dioxane
Concen: 7.849 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 88 Resp: 219601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 143.5 | 110.3 | 165.5 |
| 43 | 317.5 | 228.1 | 342.1 |
| 57 | 1340.3 | 889.3 | 1333.9# |



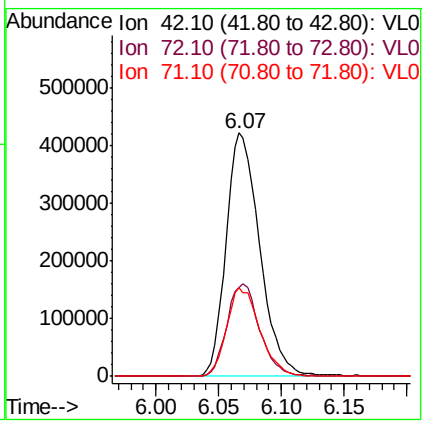


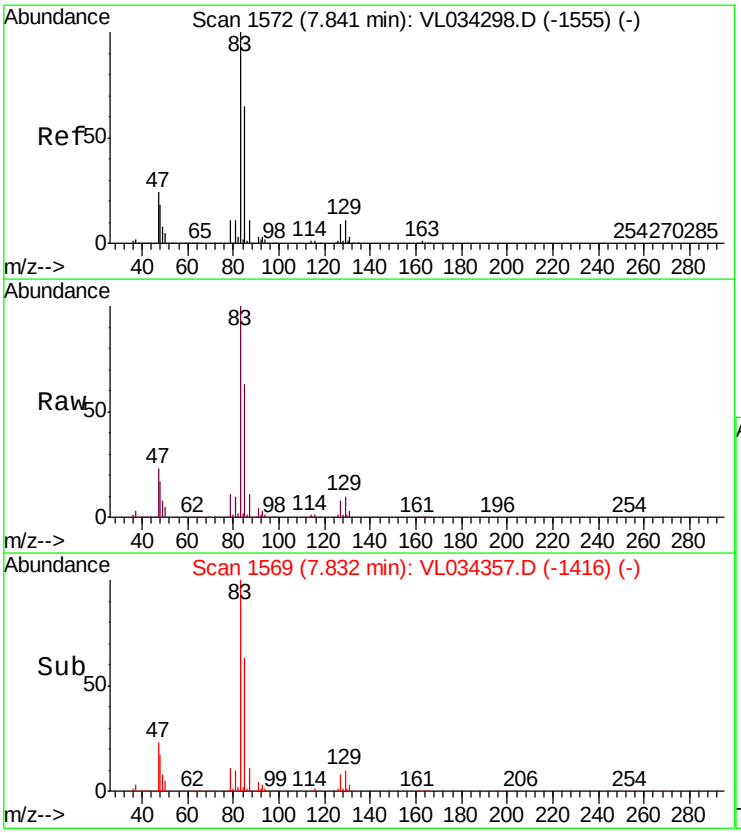

#41
Tetrahydrofuran
Concen: 9.001 ppbv
RT: 6.07 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 42 Resp: 786838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 37.1 | 28.0 | 42.0 |
| 71 | 36.1 | 27.3 | 40.9 |

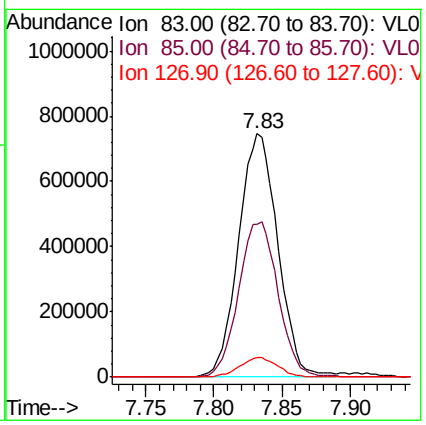


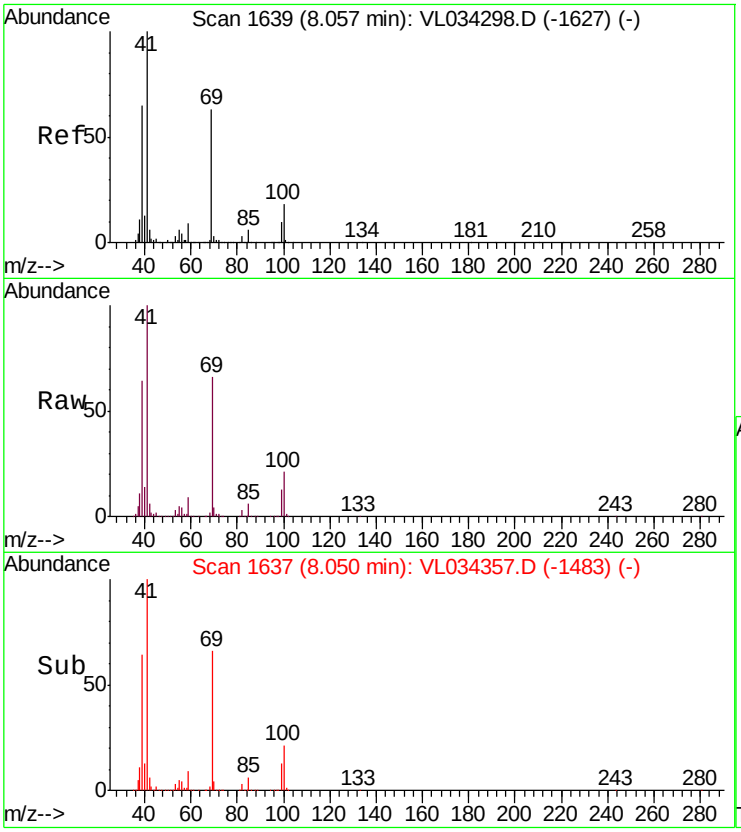




#42
Bromodichloromethane
Concen: 8.833 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 83 Resp: 1490780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 51.8 | 77.6 |
| 127 | 8.2 | 7.0 | 10.6 |



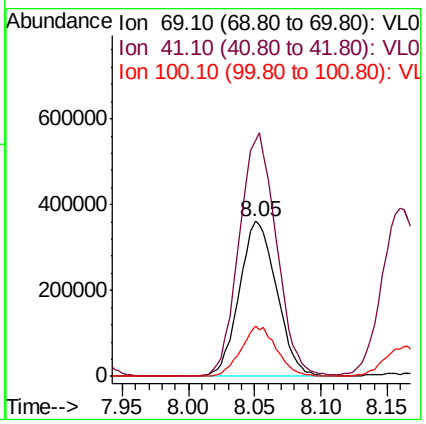


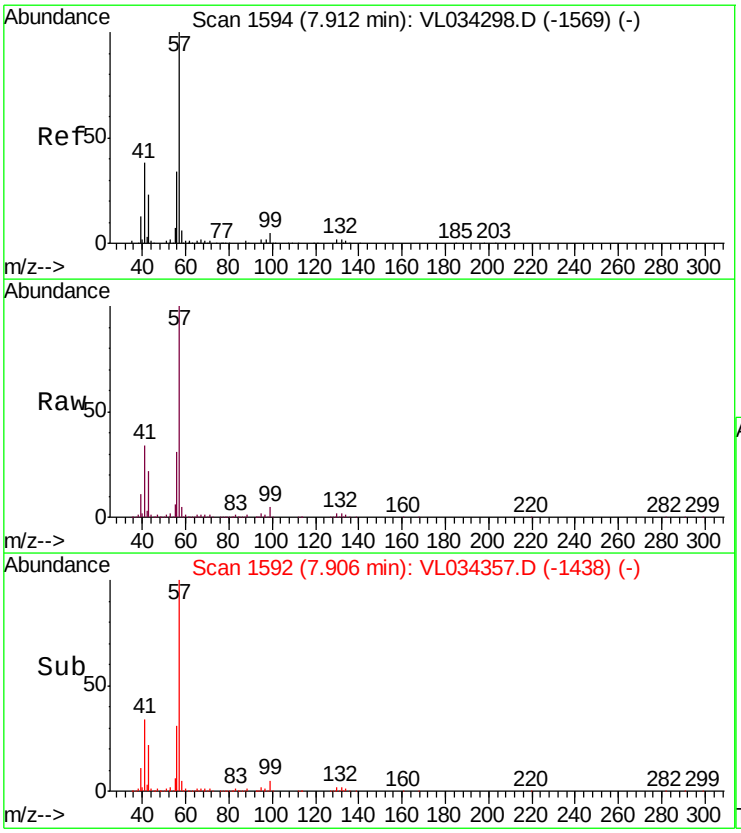

#43
Methyl Methacrylate
Concen: 9.247 ppbv
RT: 8.05 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 69 Resp: 707156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 156.7 | 132.1 | 198.1 |
| 100 | 31.0 | 23.2 | 34.8 |

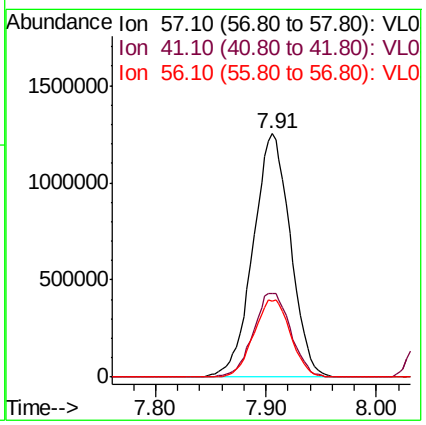


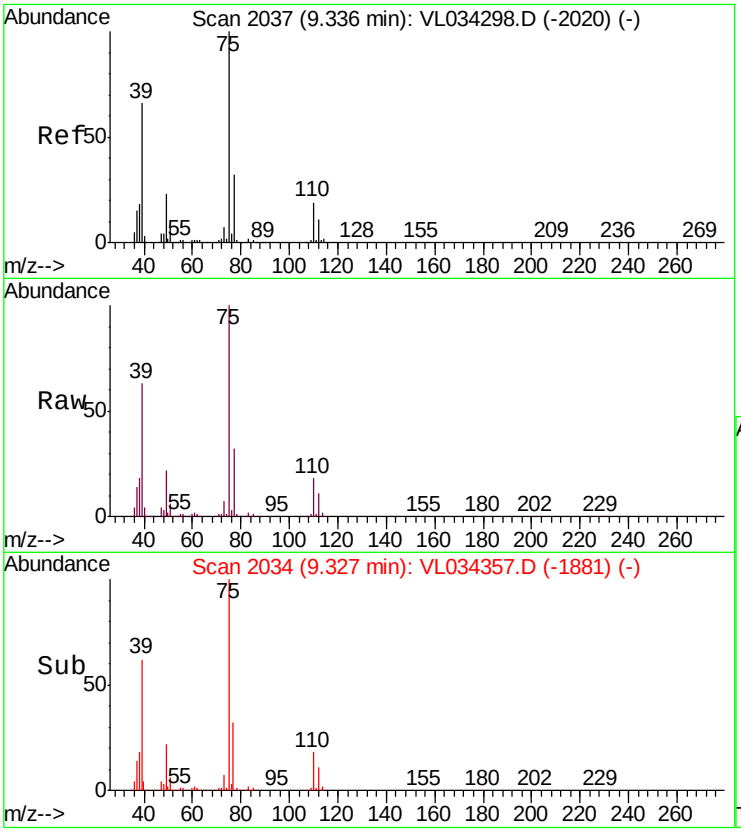




#44
2,2,4-Trimethylpentane
Concen: 8.588 ppbv
RT: 7.91 min Scan# 1592
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 57 Resp: 2939107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 34.5 | 29.3 | 43.9 |
| 56 | 31.3 | 25.3 | 37.9 |



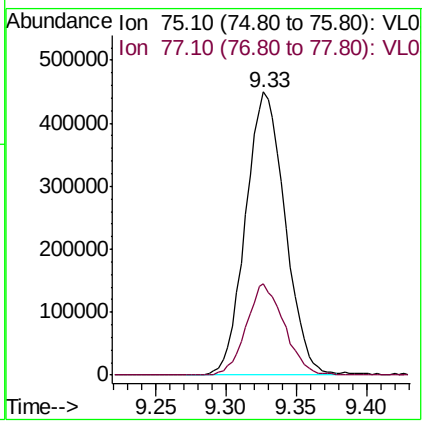


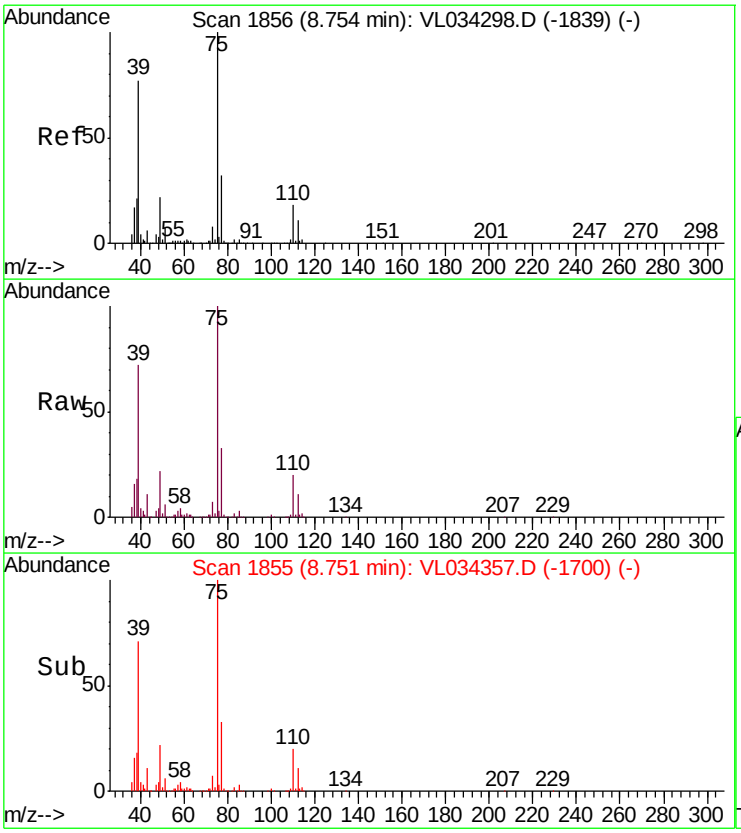

#45
t-1,3-Dichloropropene
Concen: 9.456 ppbv
RT: 9.33 min Scan# 2034
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 75 Resp: 881017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 25.6 | 38.4 |

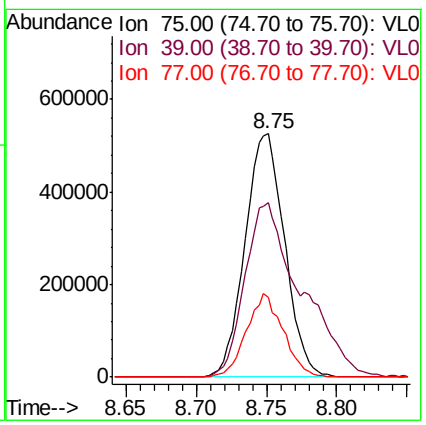


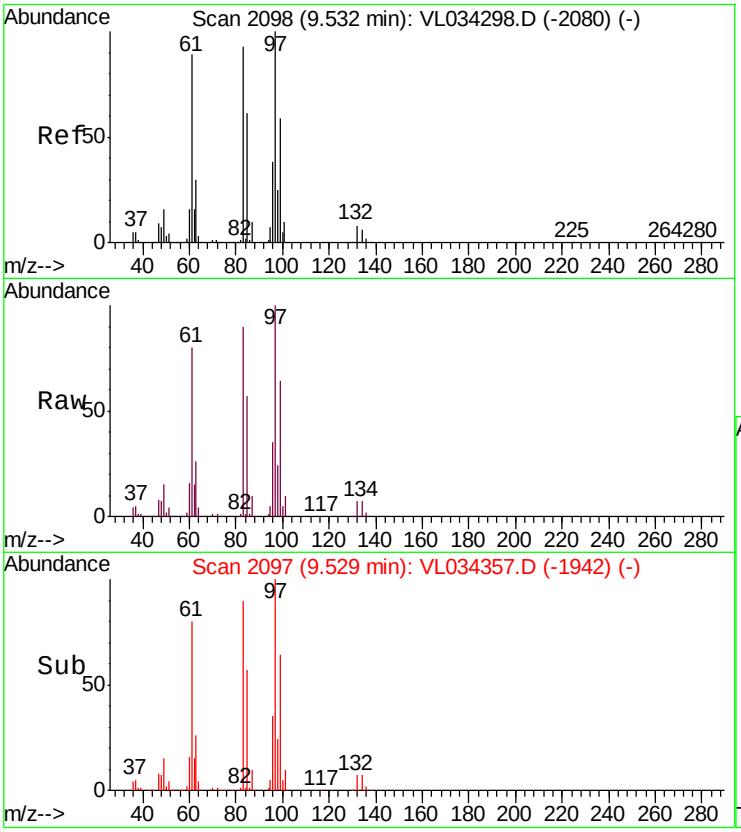




#46
cis-1,3-Dichloropropene
Concen: 9.685 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 75 Resp: 1036721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 71.5 | 61.2 | 91.8 |
| 77 | 32.8 | 25.9 | 38.9 |



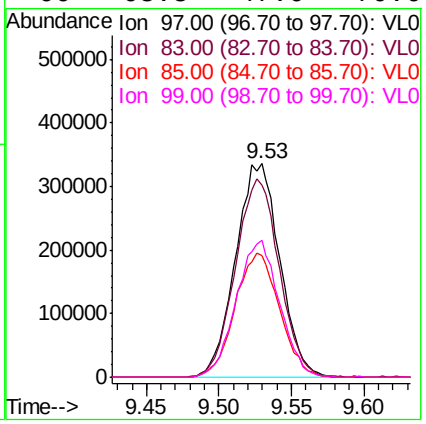


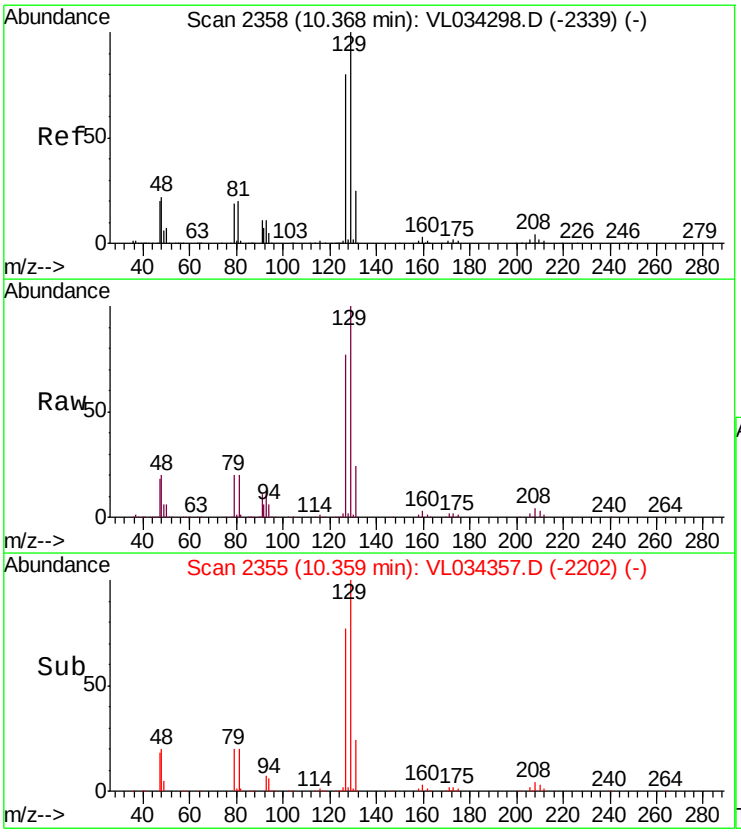

#47
1,1,2-Trichloroethane
Concen: 8.846 ppbv
RT: 9.53 min Scan# 2097
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 97 Resp: 713373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.9 | 74.2 | 111.2 |
| 85 | 57.2 | 48.6 | 73.0 |
| 99 | 63.8 | 47.0 | 70.6 |

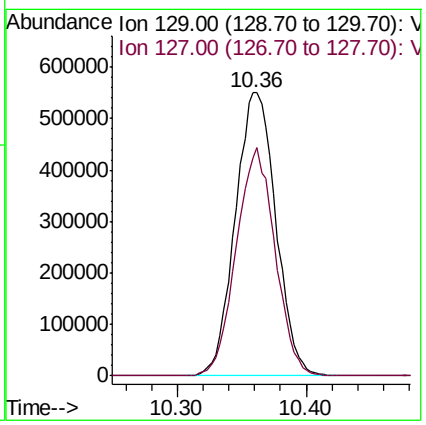


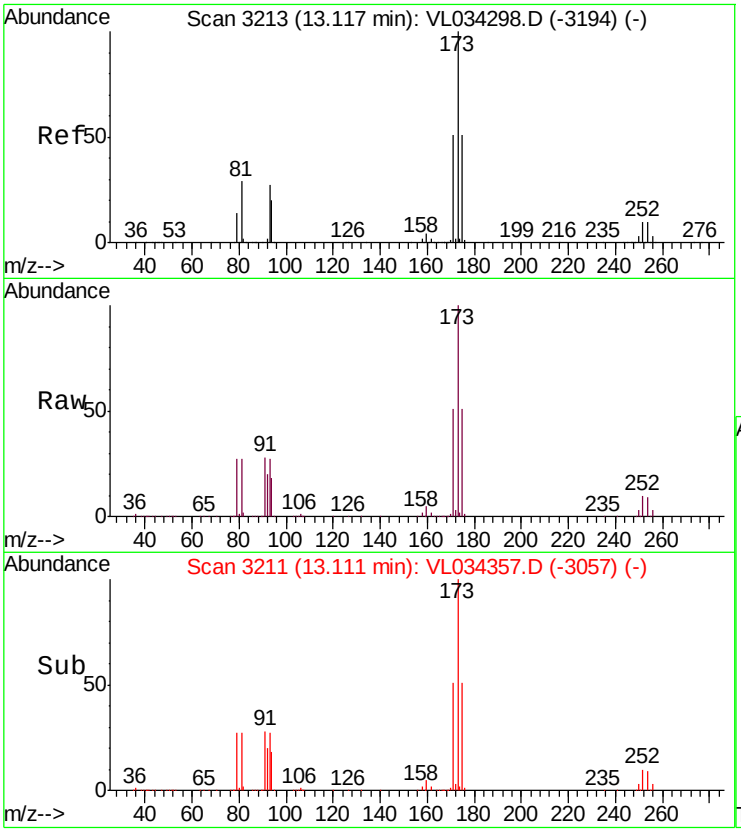




#48
Dibromochloromethane
Concen: 9.120 ppbv
RT: 10.36 min Scan# 2355
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:129 Resp: 1206454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 39.7 | 119.1 |



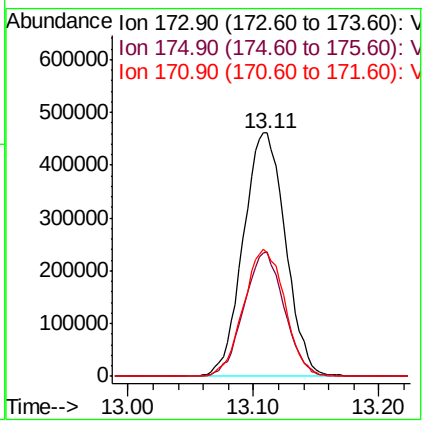


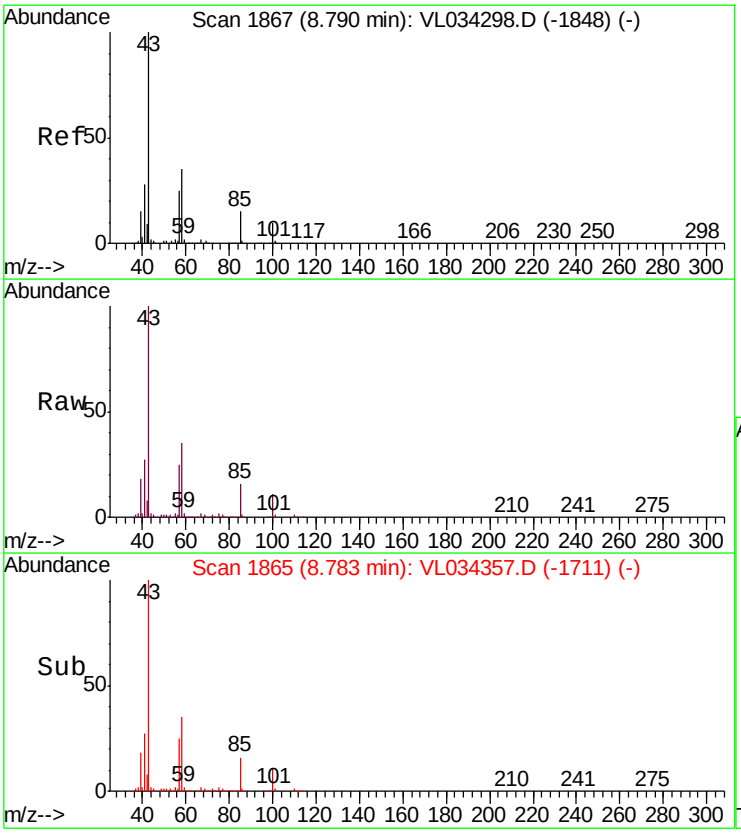

#49
Bromoform
Concen: 9.206 ppbv
RT: 13.11 min Scan# 3211
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:173 Resp: 1079141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.0 | 39.8 | 59.6 |
| 171 | 51.5 | 41.8 | 62.6 |

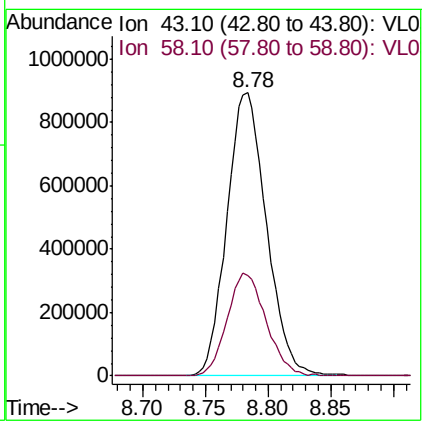


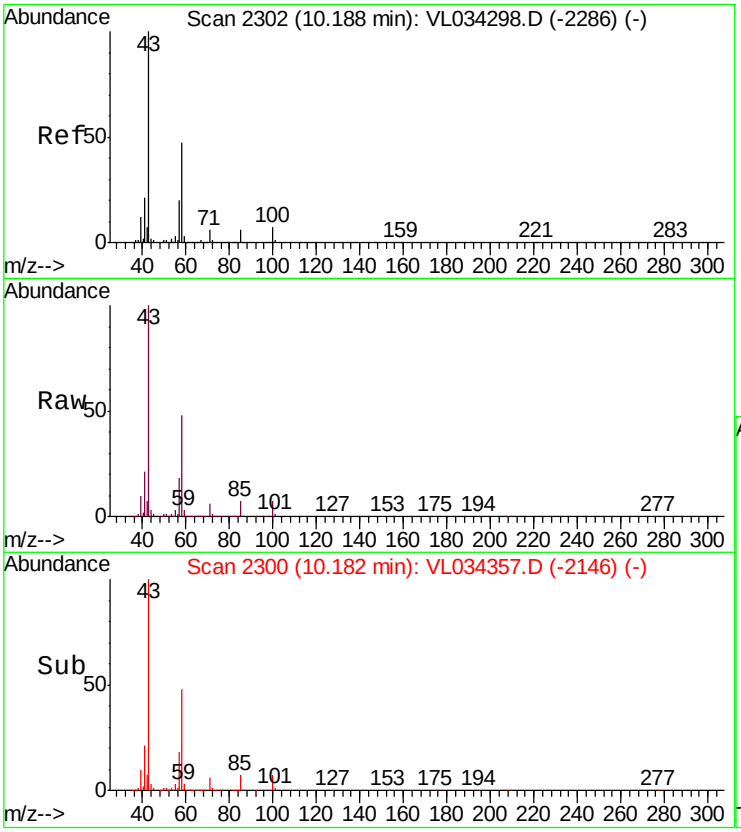




#50
4-Methyl-2-Pentanone
Concen: 8.677 ppbv
RT: 8.78 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 43 Resp: 1956685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.9 | 27.6 | 41.4 |



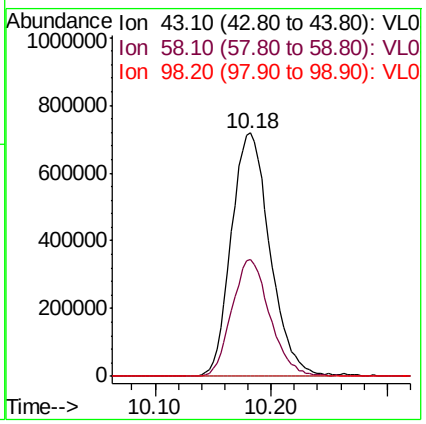


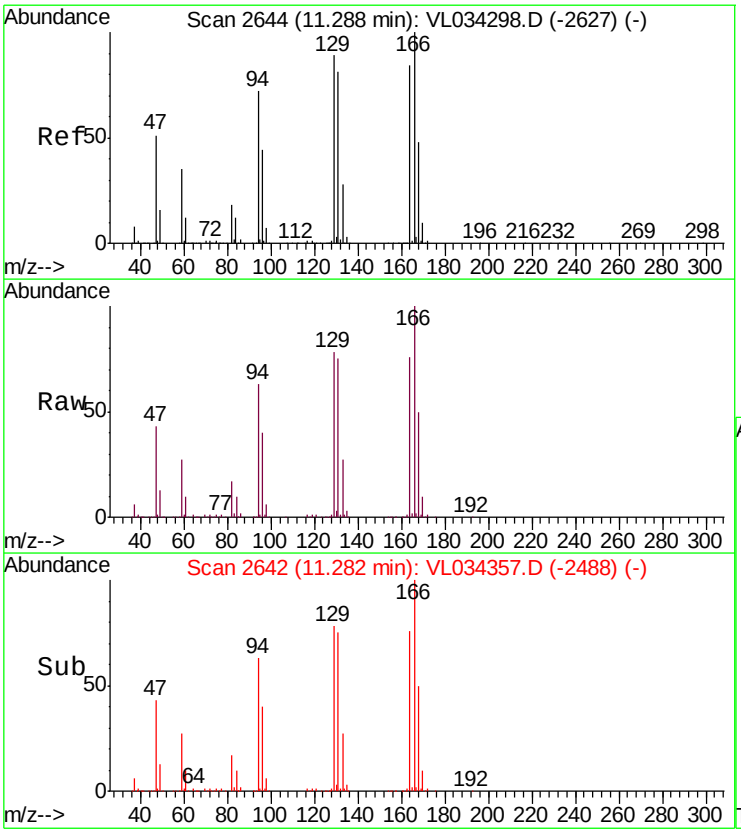

#51
2-Hexanone
Concen: 9.025 ppbv
RT: 10.18 min Scan# 2300
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 43 Resp: 1668187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 47.5 | 37.0 | 55.6 |
| 98 | 0.1 | 0.2 | 0.2# |

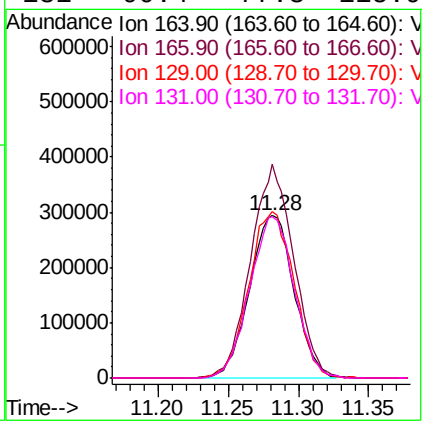


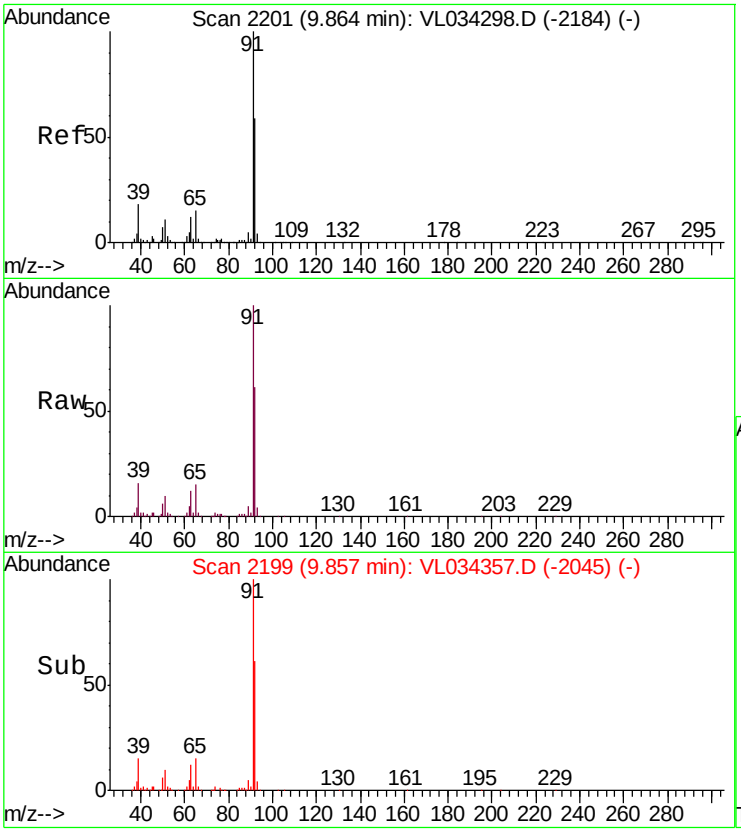




#52
Tetrachloroethene
Concen: 8.942 ppbv
RT: 11.28 min Scan# 2642
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:164 Resp: 648060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.8 | 95.3 | 142.9 |
| 129 | 102.4 | 84.5 | 126.7 |
| 131 | 99.4 | 77.3 | 115.9 |



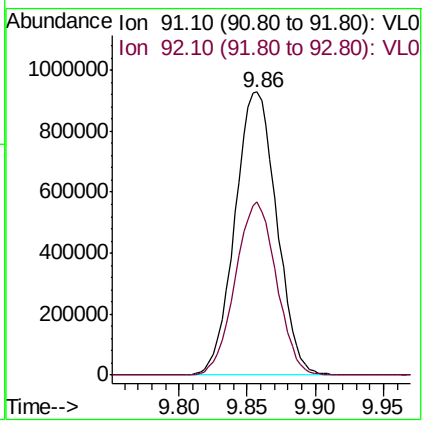


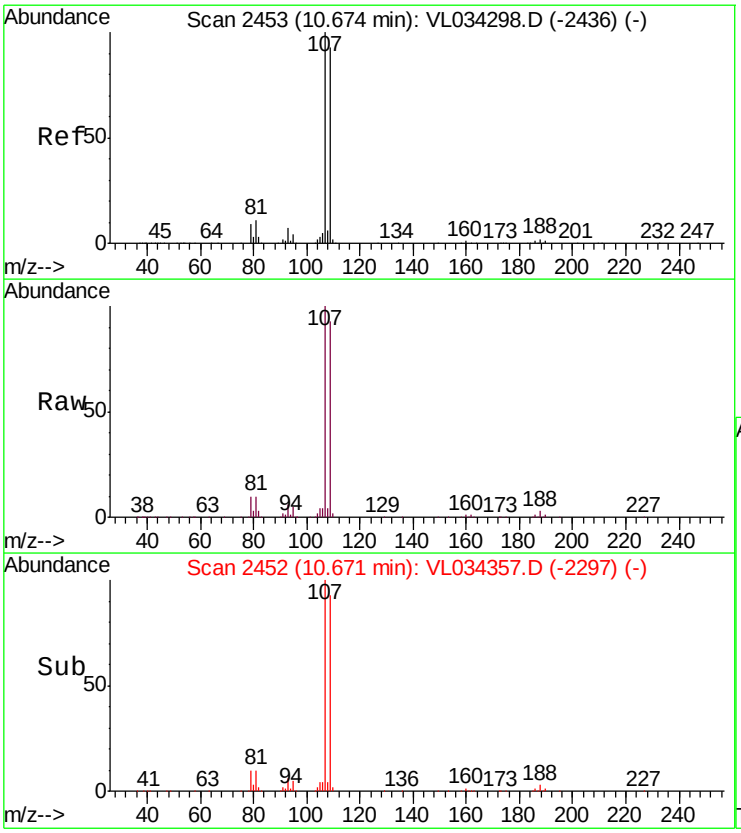

#53
Toluene
Concen: 9.660 ppbv
RT: 9.86 min Scan# 2199
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 91 Resp: 1971086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.3 | 48.4 | 72.6 |

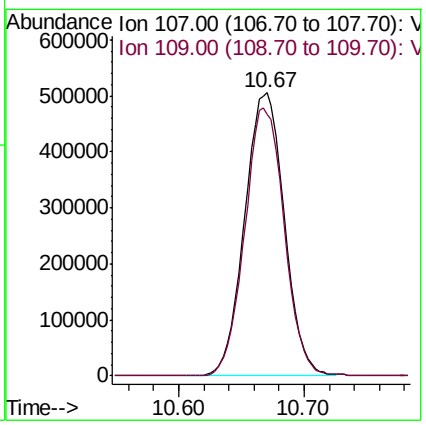


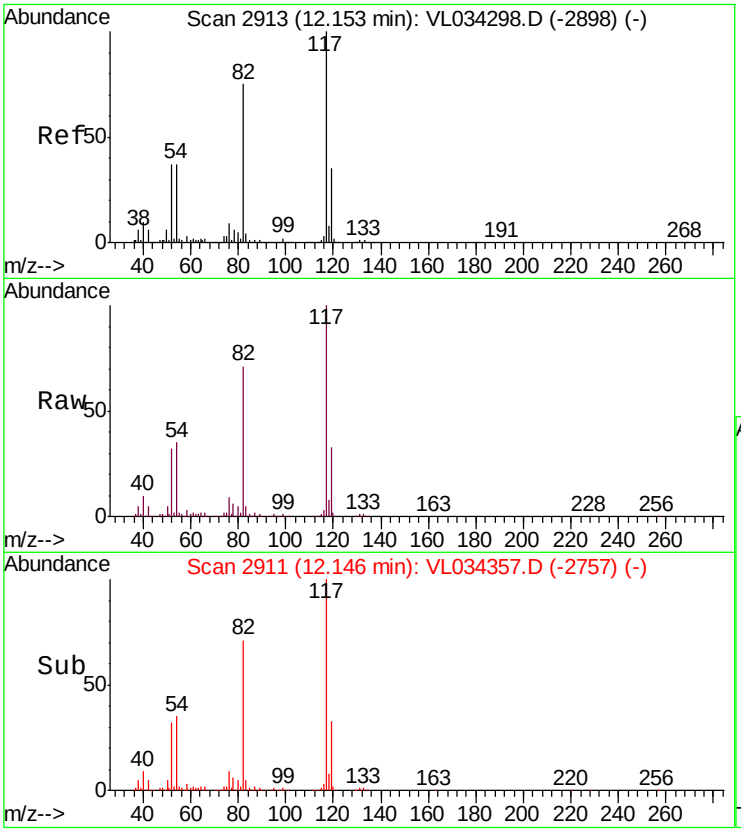




#54
1,2-Dibromoethane
Concen: 9.308 ppbv
RT: 10.67 min Scan# 2452
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:107 Resp: 1112572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.5 | 74.6 | 112.0 |



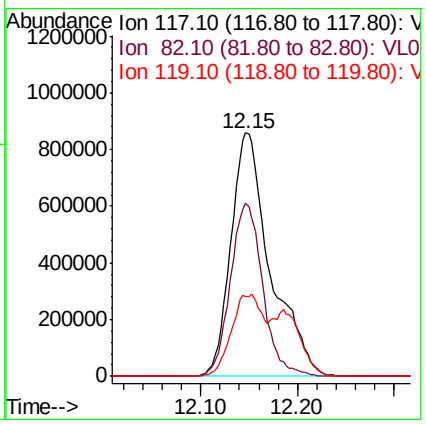


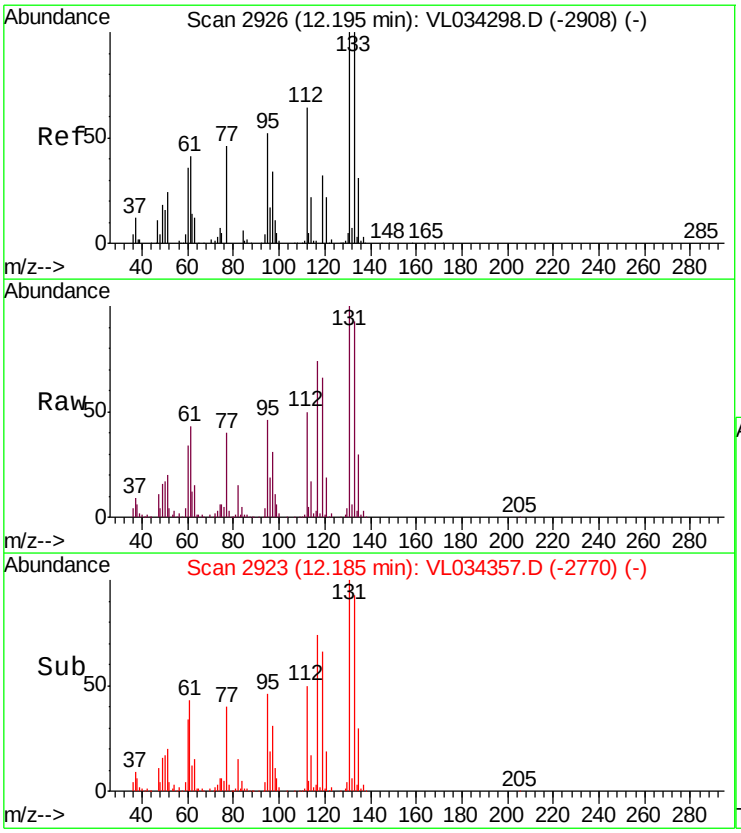

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:117 Resp: 2440912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.3 | 55.5 | 83.3 |
| 119 | 46.6 | 26.5 | 39.7# |

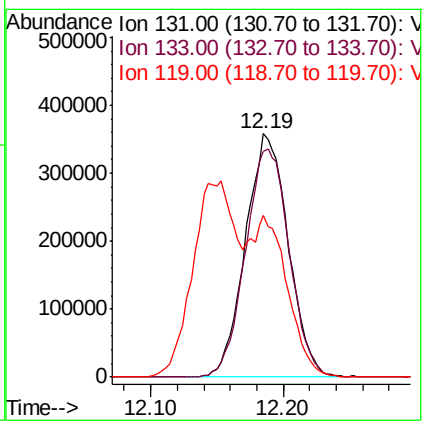


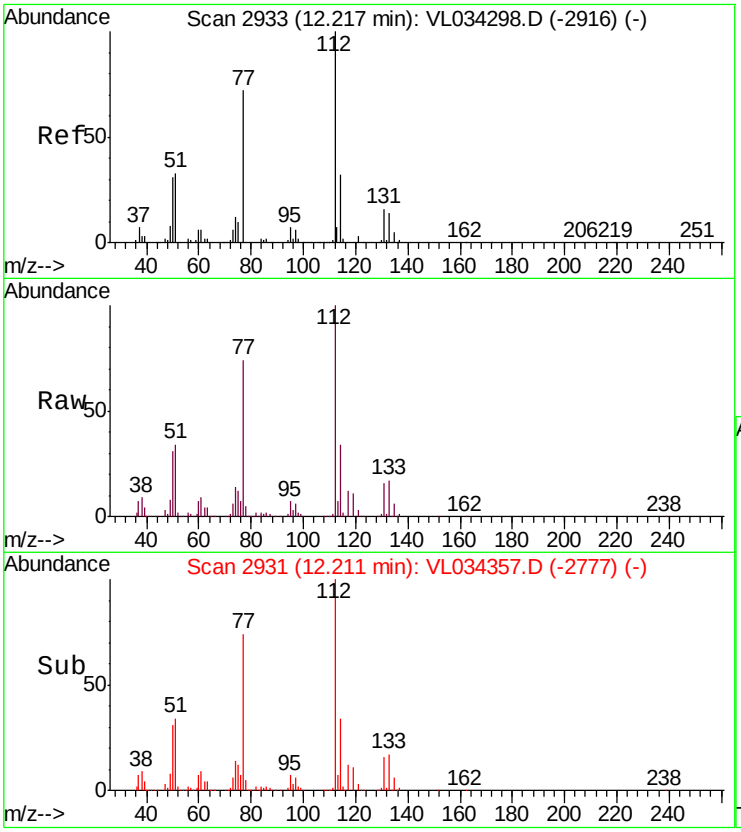




#56
1,1,1,2-Tetrachloroethane
Concen: 7.117 ppbv
RT: 12.19 min Scan# 2923
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:131 Resp: 800560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.6 | 77.1 | 115.7 |
| 119 | 142.2 | 49.0 | 73.4# |



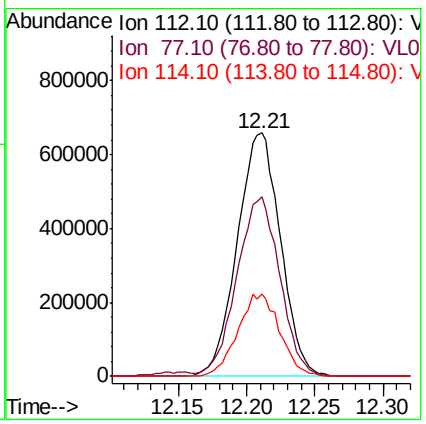


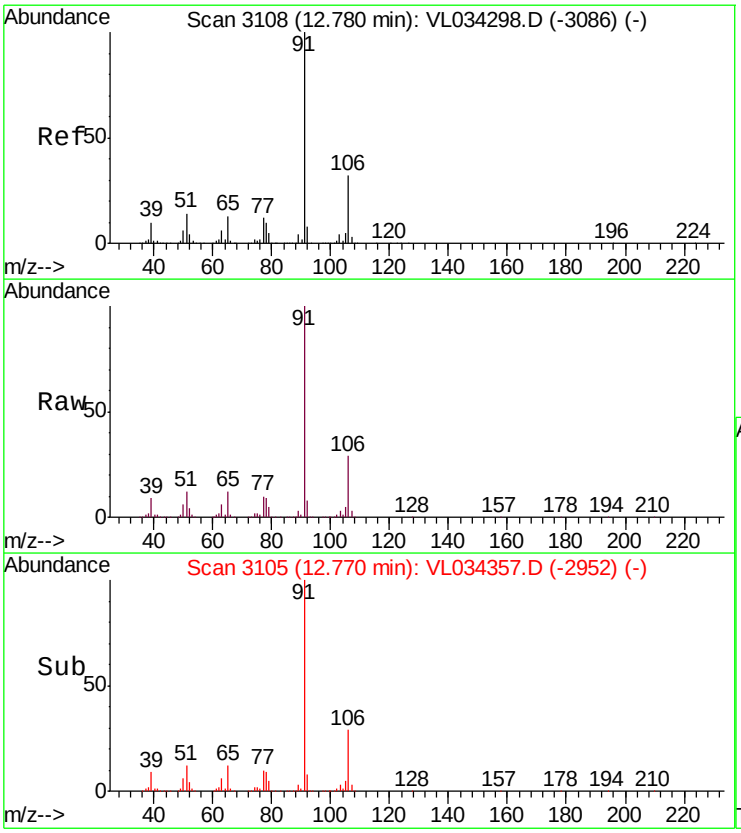

#57
Chlorobenzene
Concen: 7.140 ppbv
RT: 12.21 min Scan# 2931
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:112 Resp: 1453852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 73.5 | 58.6 | 88.0 |
| 114 | 33.6 | 28.6 | 35.0 |

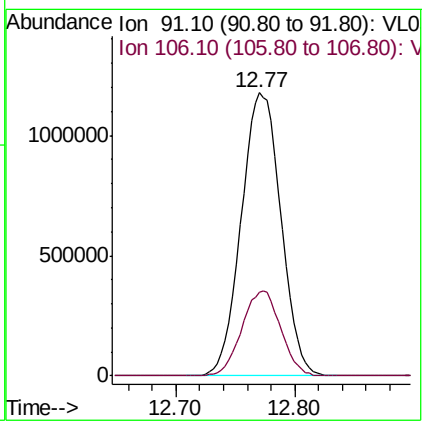


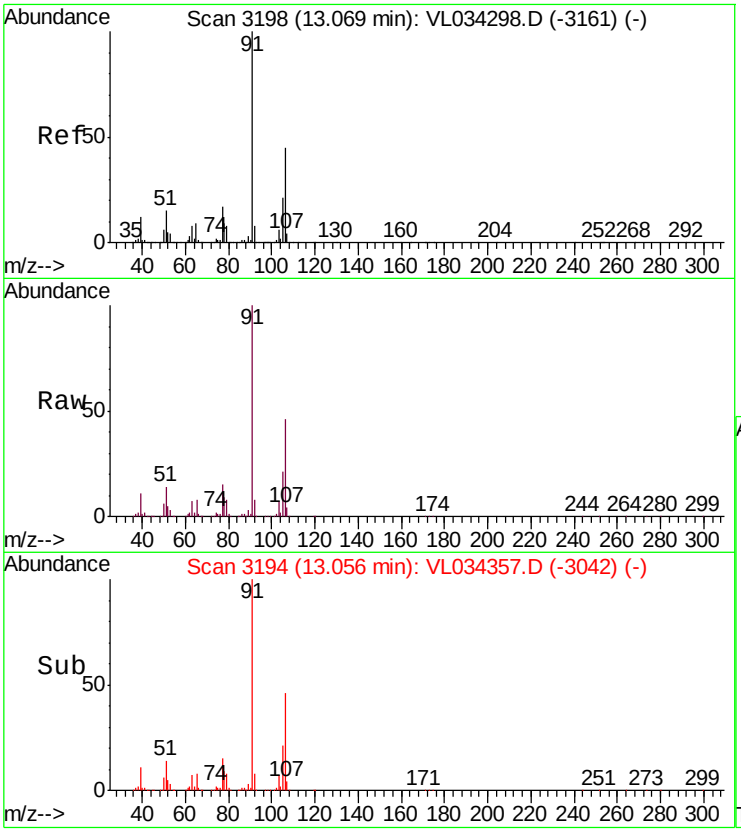




#58
Ethyl Benzene
Concen: 7.958 ppbv
RT: 12.77 min Scan# 3105
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 91 Resp: 2715261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.4 | 25.3 | 37.9 |



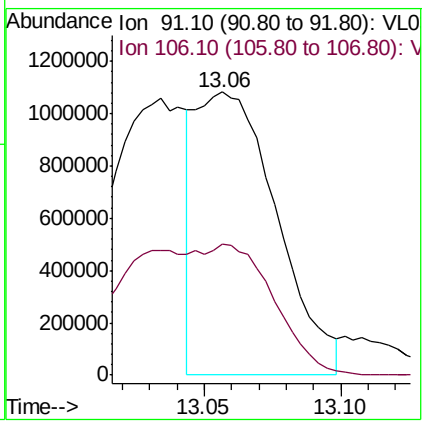


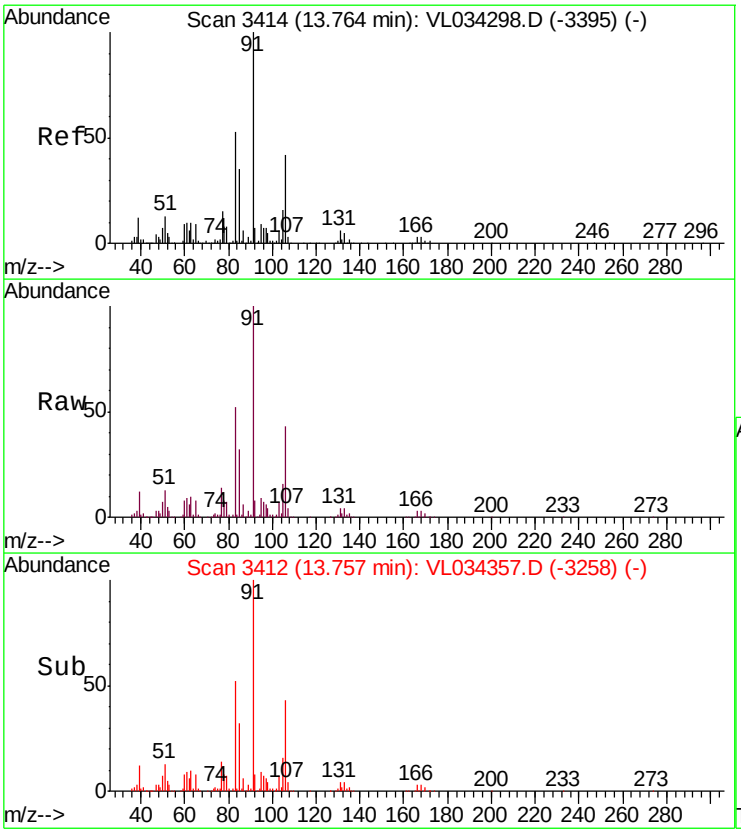

#59
m/p-Xylene
Concen: 7.510 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 91 Resp: 2220179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 88.1 | 35.4 | 53.2# |

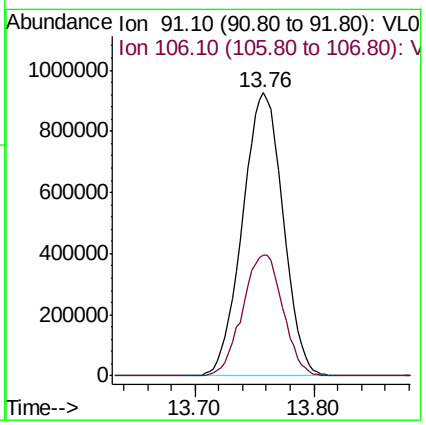


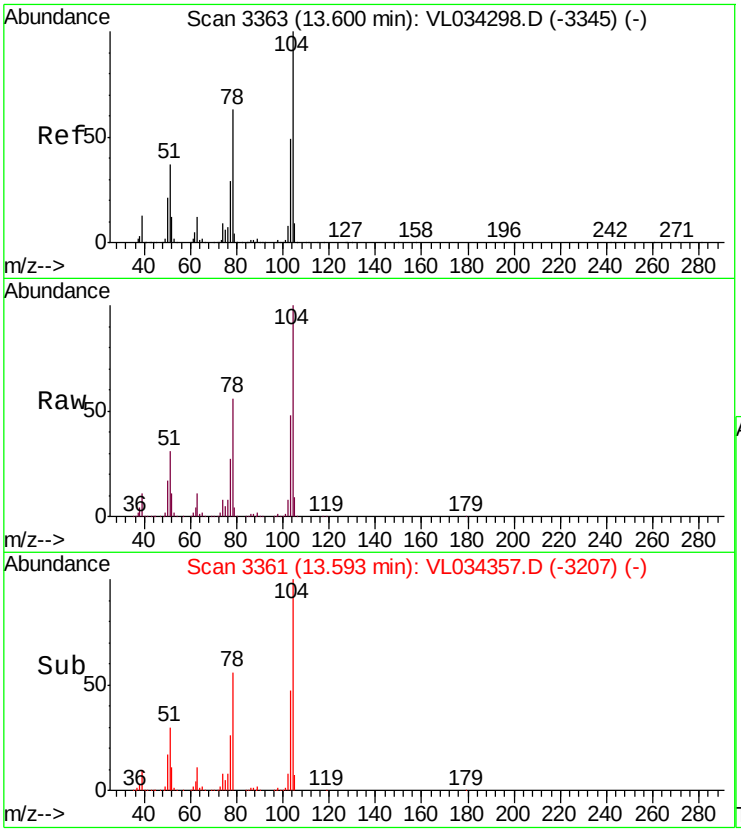




#60
o-Xylene
Concen: 7.431 ppbv
RT: 13.76 min Scan# 3412
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 91 Resp: 2187686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 42.5 | 21.6 | 64.6 |



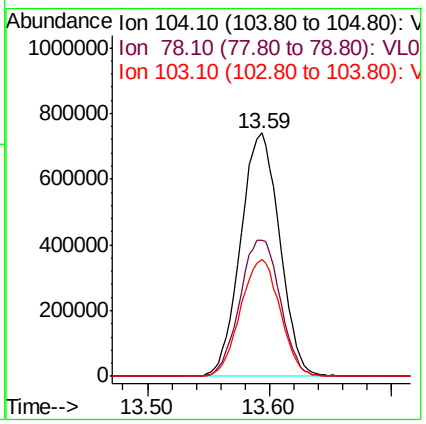


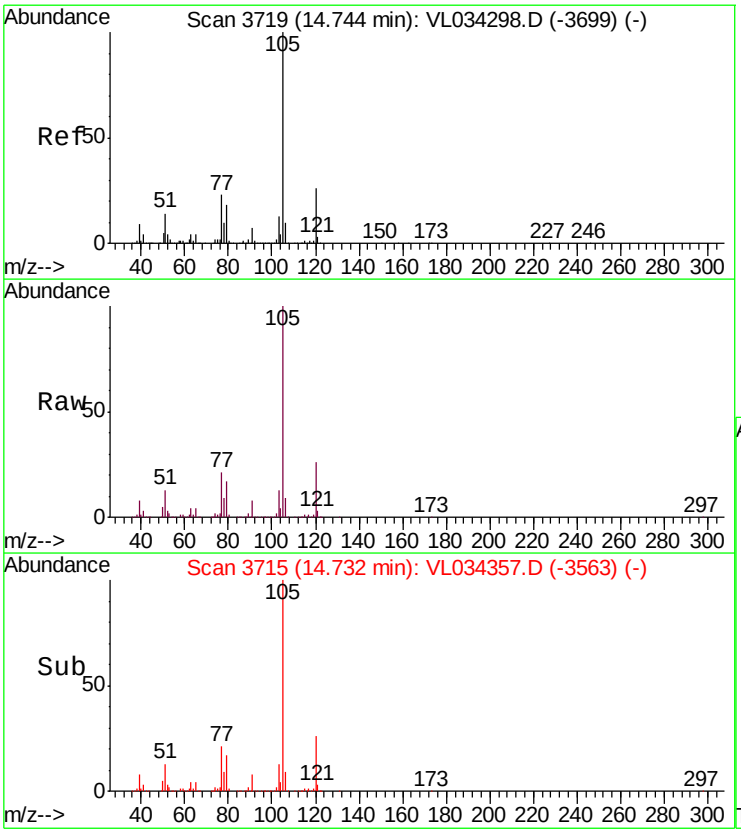

#61
Styrene
Concen: 7.906 ppbv
RT: 13.59 min Scan# 3361
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:104 Resp: 1638452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 58.2 | 47.8 | 71.8 |
| 103 | 48.6 | 39.0 | 58.6 |

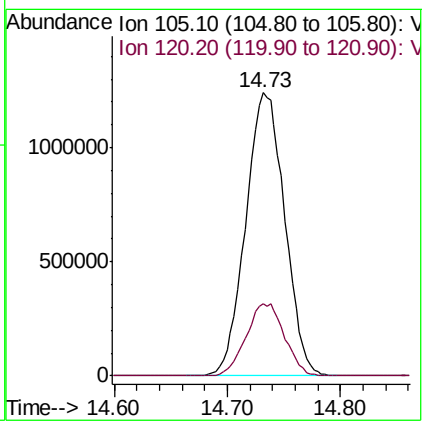


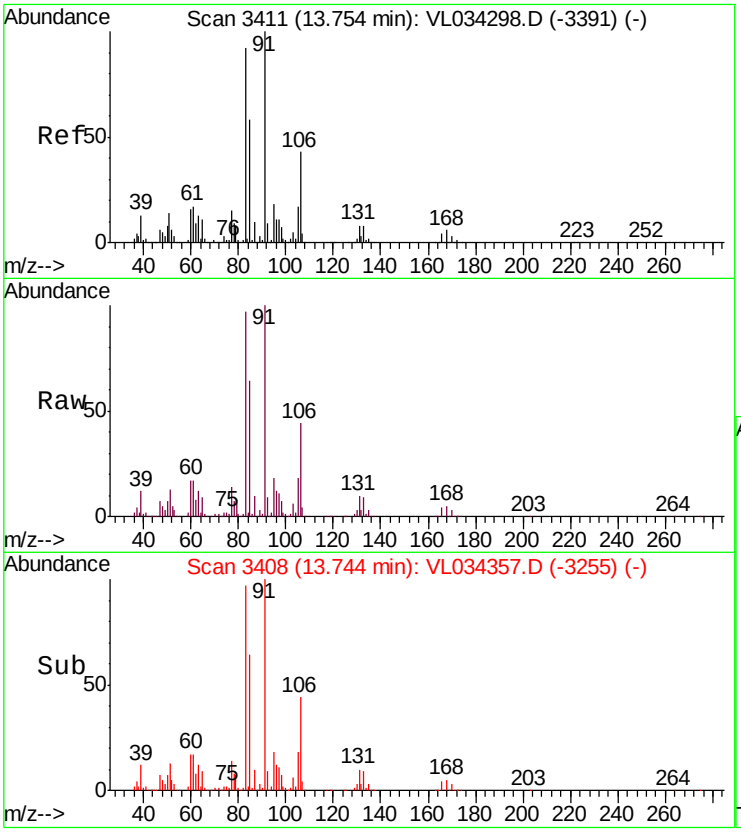




#62
Isopropylbenzene
Concen: 7.629 ppbv
RT: 14.73 min Scan# 3715
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:105 Resp: 2964568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.1 | 20.8 | 31.2 |



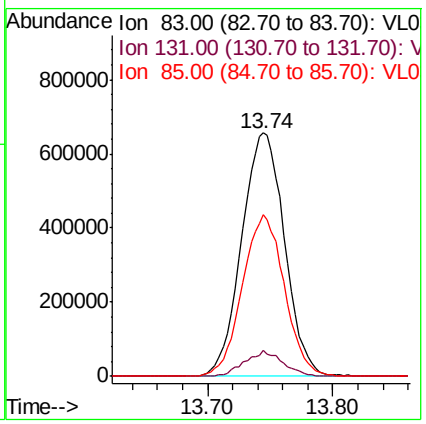


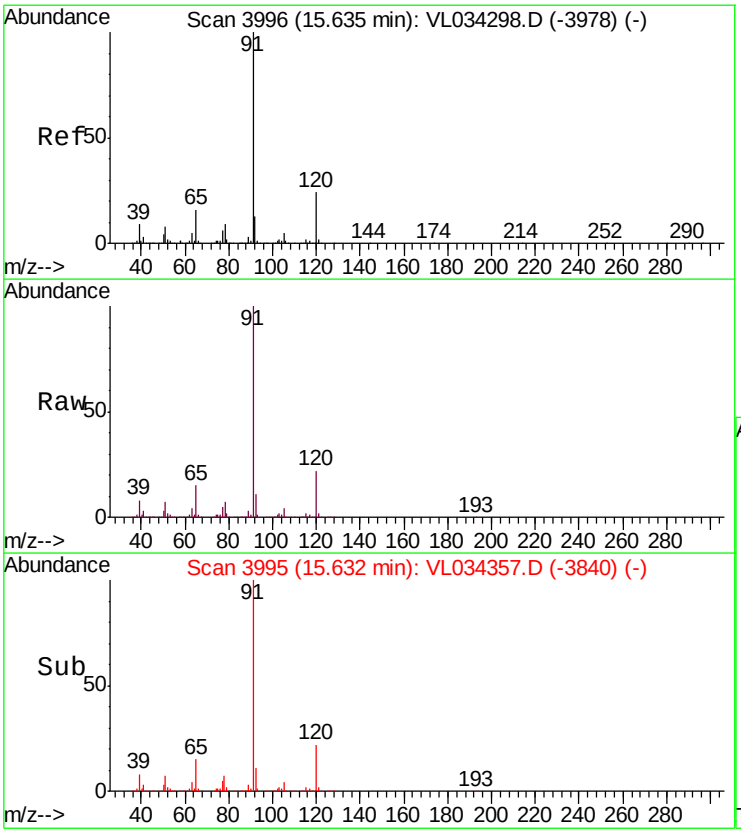

#63
1,1,2,2-Tetrachloroethane
Concen: 6.581 ppbv
RT: 13.74 min Scan# 3408
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 83 Resp: 1556843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.4 | 4.8 | 14.4 |
| 85 | 65.4 | 32.5 | 97.4 |

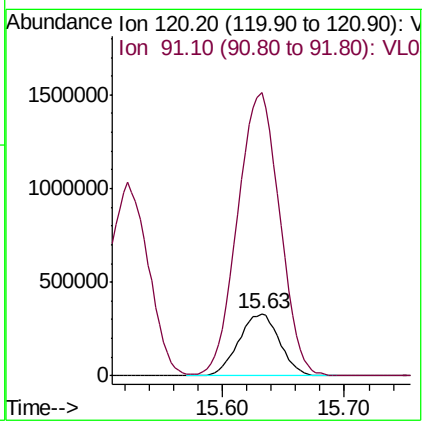


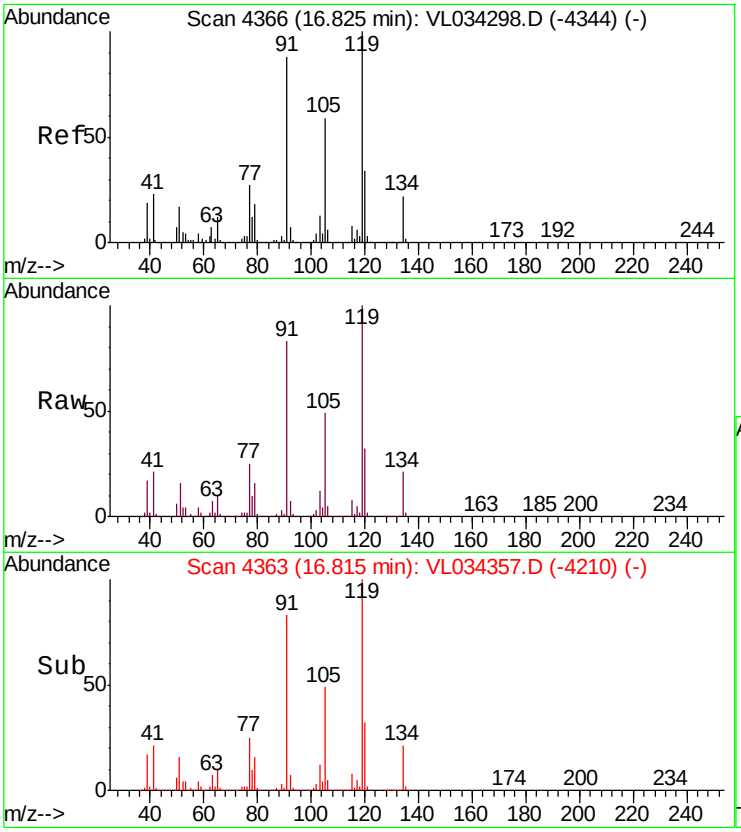




#64
n-propylbenzene
Concen: 7.723 ppbv
RT: 15.63 min Scan# 3995
Delta R.T. -0.00 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:120 Resp: 770183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 471.3 | 374.9 | 562.3 |



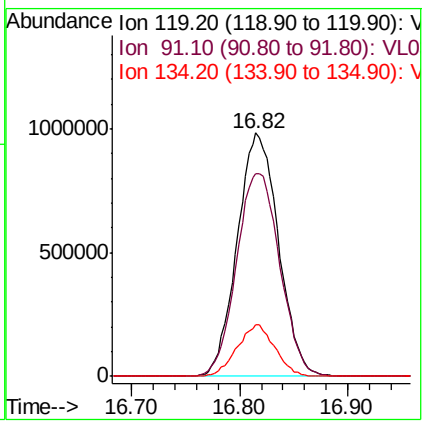


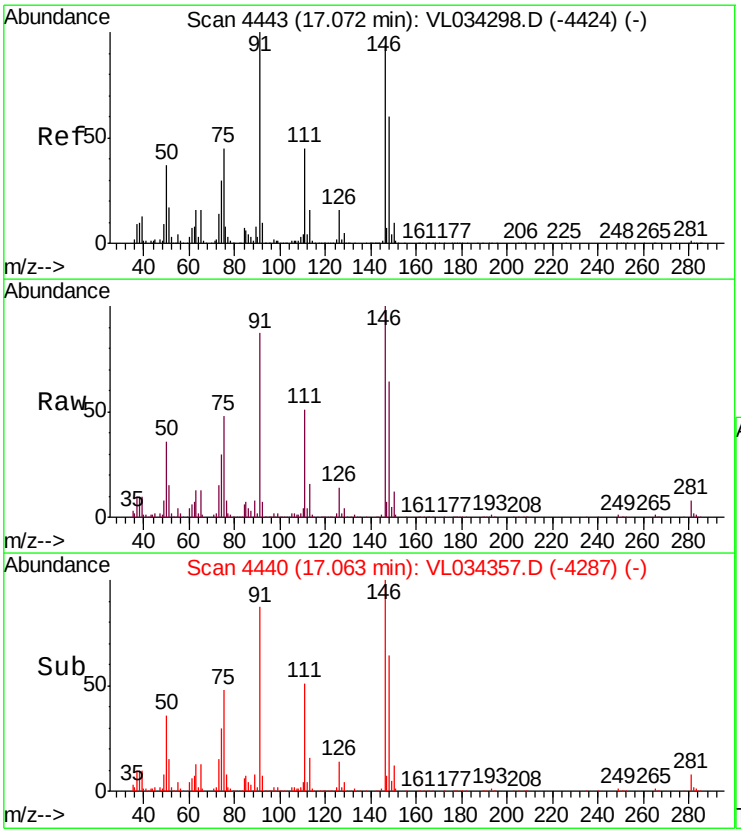

#65
tert-Butylbenzene
Concen: 7.581 ppbv
RT: 16.82 min Scan# 4363
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:119 Resp: 2611138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 87.7 | 71.4 | 107.0 |
| 134 | 19.5 | 15.9 | 23.9 |

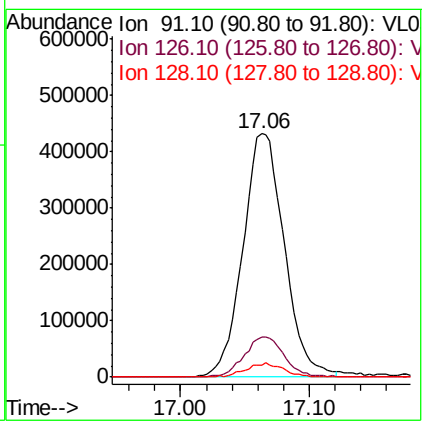


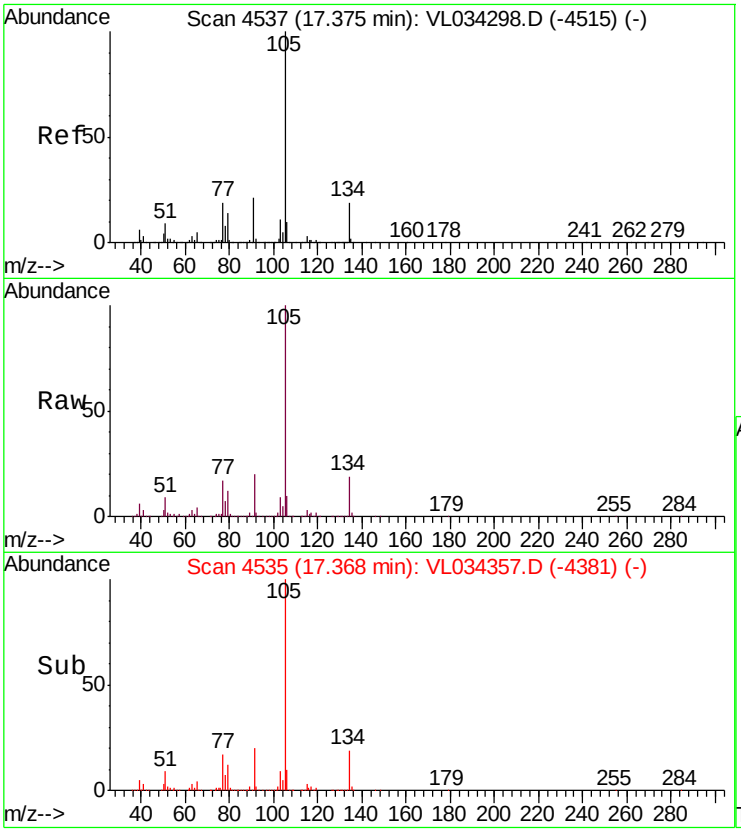




#66
Benzyl Chloride
Concen: 7.085 ppbv
RT: 17.06 min Scan# 4440
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 91 Resp: 963779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 16.4 | 12.9 | 19.3 |
| 128 | 5.4 | 4.3 | 6.5 |



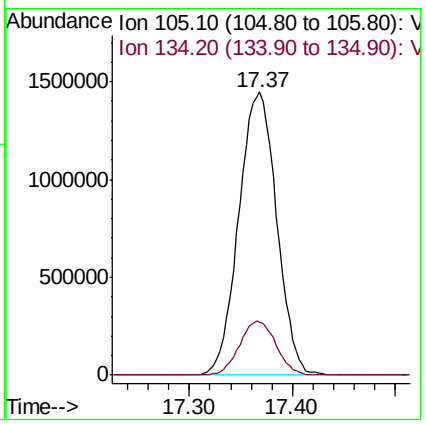


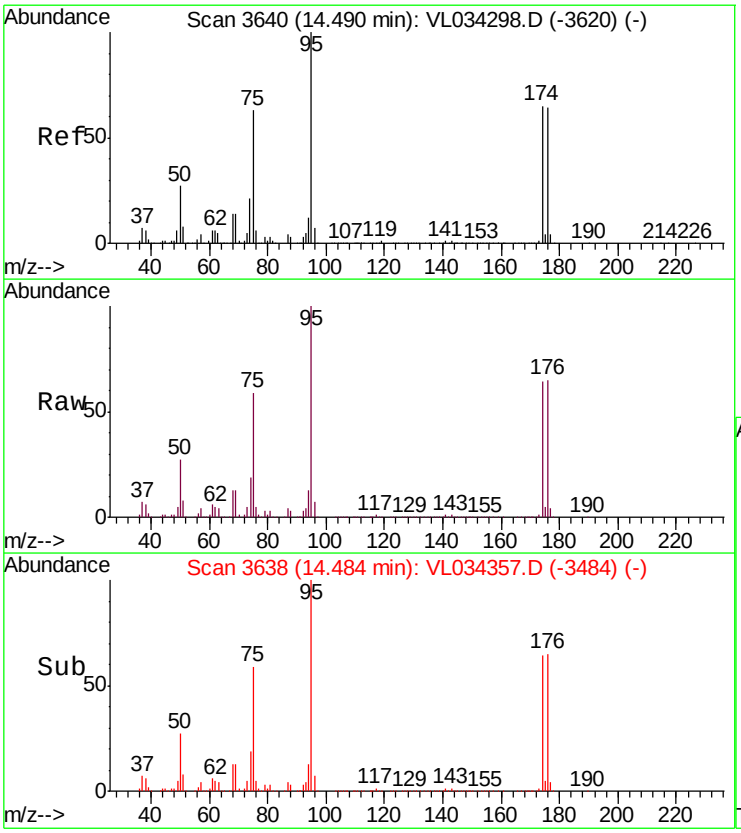

#67
sec-Butylbenzene
Concen: 7.623 ppbv
RT: 17.37 min Scan# 4535
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:105 Resp: 3694773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.4 | 15.4 | 23.0 |

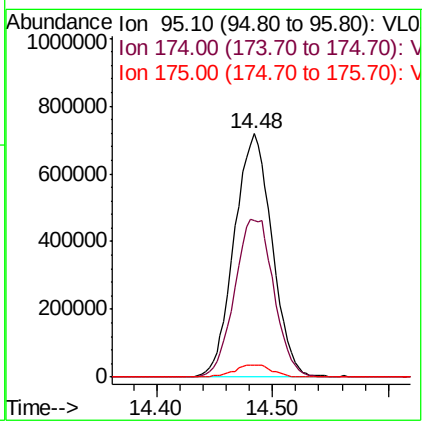


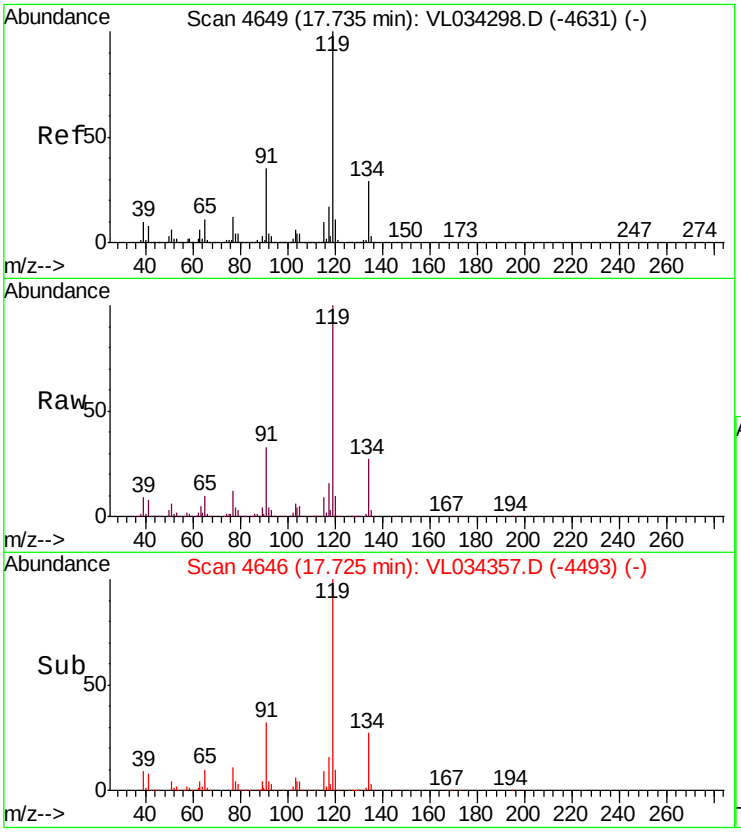




#68
1-Bromo-4-Fluorobenzene
Concen: 7.843 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 95 Resp: 1621450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 67.8 | 52.6 | 78.8 |
| 175 | 5.1 | 3.8 | 5.6 |



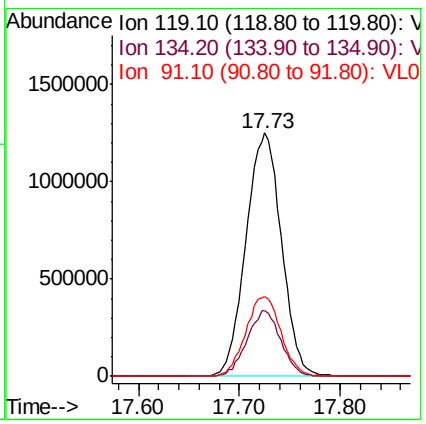


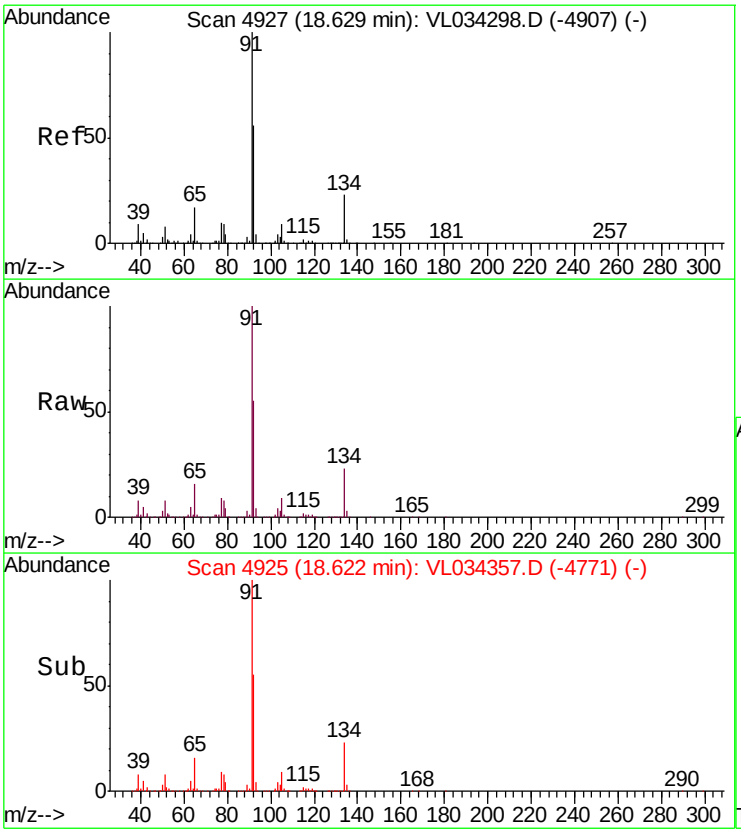

#69
p-Isopropyltoluene
Concen: 7.728 ppbv
RT: 17.73 min Scan# 4646
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:119 Resp: 3053885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 21.3 | 31.9 |
| 91 | 32.8 | 26.6 | 39.8 |

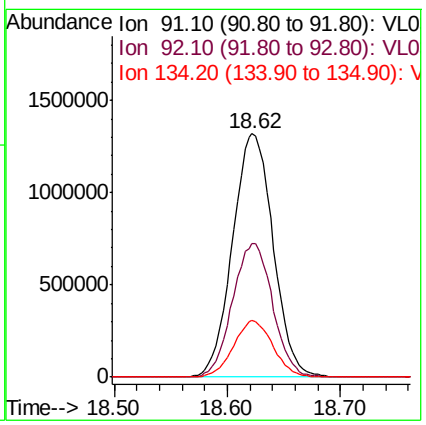


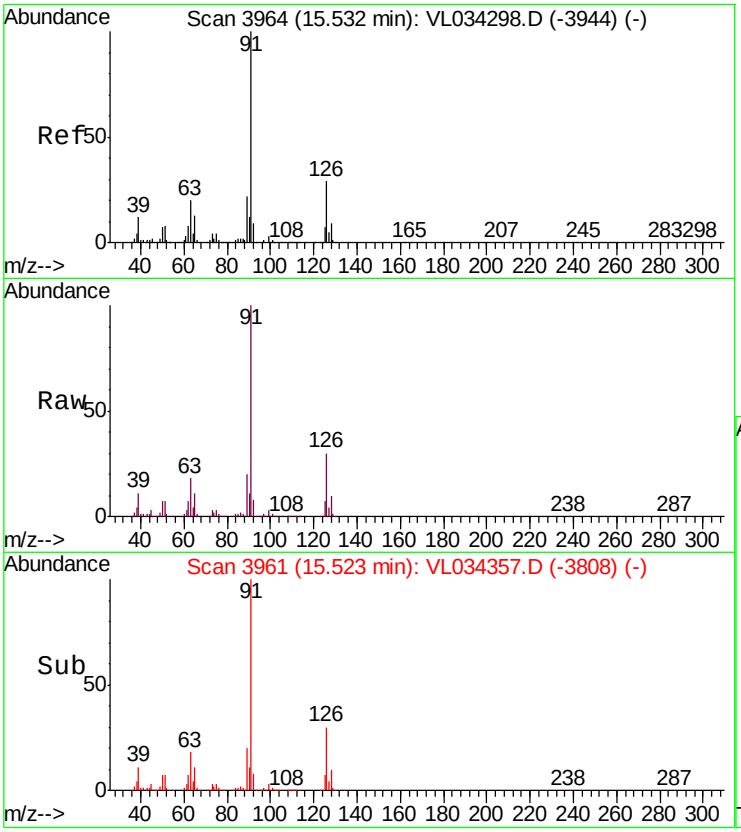




#70
n-Butylbenzene
Concen: 7.629 ppbv
RT: 18.62 min Scan# 4925
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion: 91 Resp: 3280132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.6 | 44.5 | 66.7 |
| 134 | 22.6 | 18.2 | 27.2 |



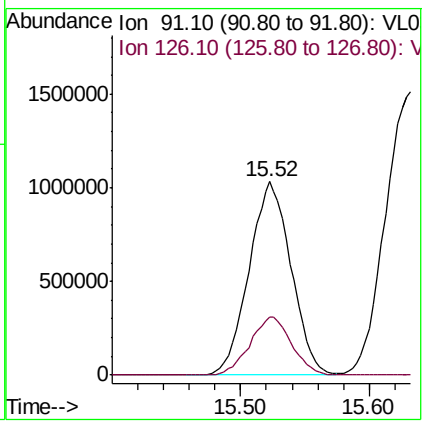


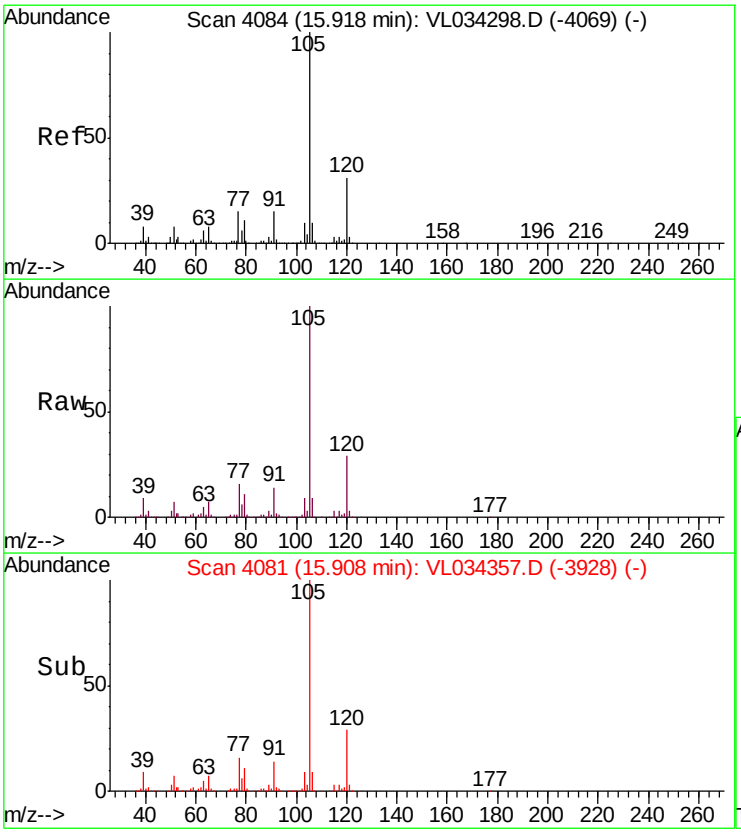

#71
2-Chlorotoluene
Concen: 7.773 ppbv
RT: 15.52 min Scan# 3961
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion: 91 Resp: 2342101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.7 | 11.9 | 47.5 |

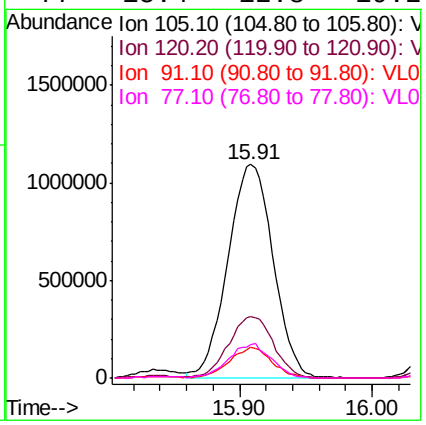


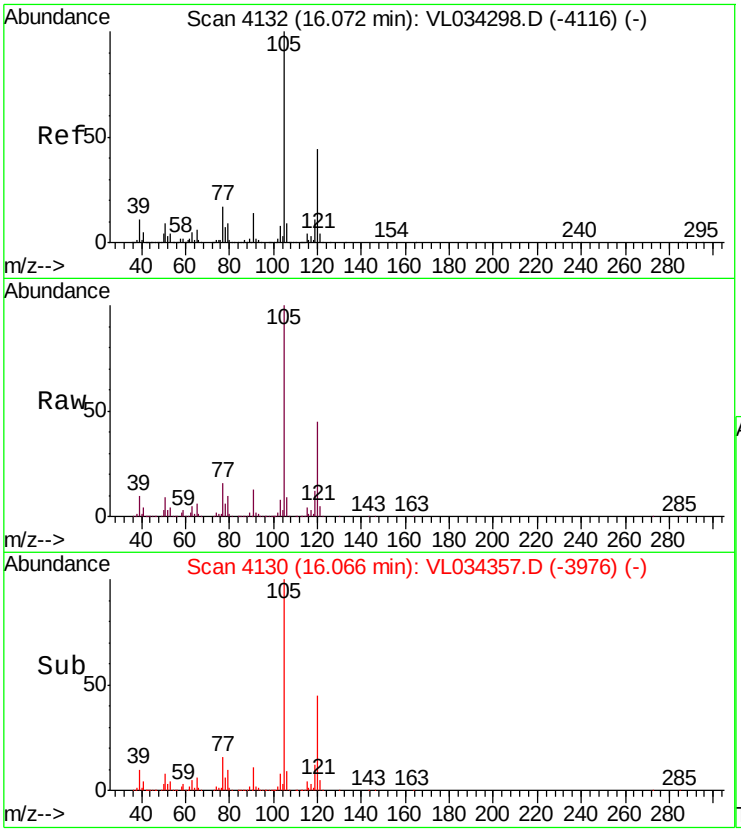




#72
4-Ethyltoluene
Concen: 7.794 ppbv
RT: 15.91 min Scan# 4081
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:105 Resp: 2579078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.8 | 23.8 | 35.8 |
| 91 | 13.4 | 11.2 | 16.8 |
| 77 | 15.4 | 12.8 | 19.2 |



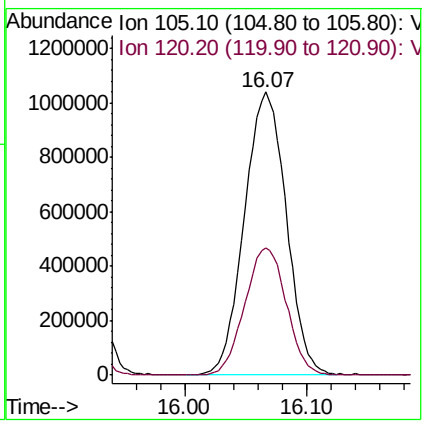


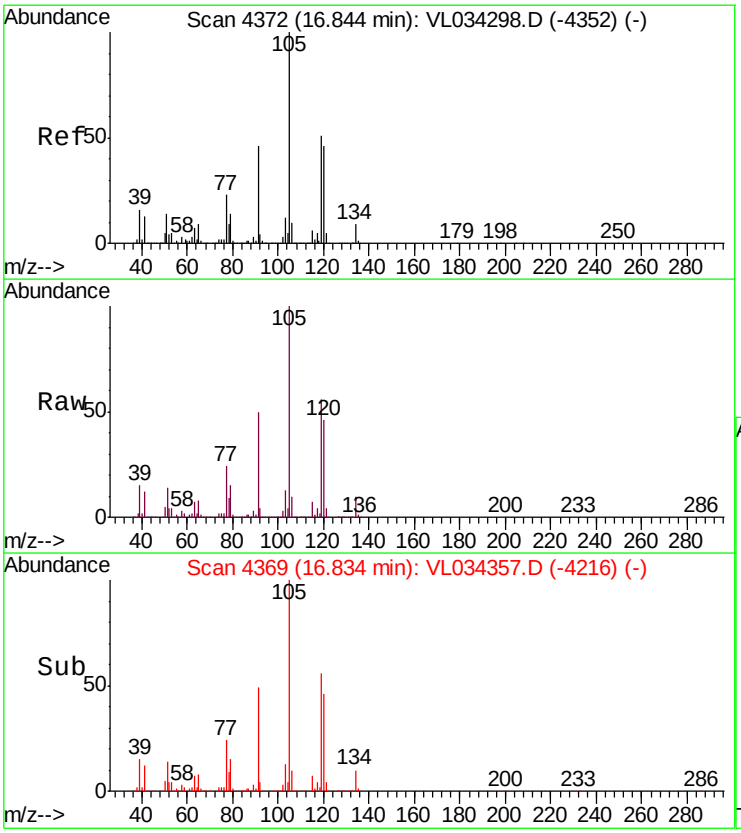

#73
1,3,5-Trimethylbenzene
Concen: 7.499 ppbv
RT: 16.07 min Scan# 4130
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:105 Resp: 2458617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.9 | 35.2 | 52.8 |

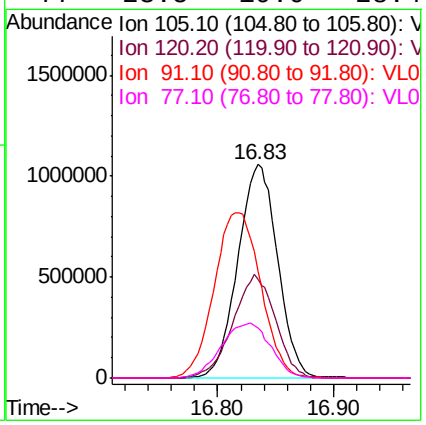


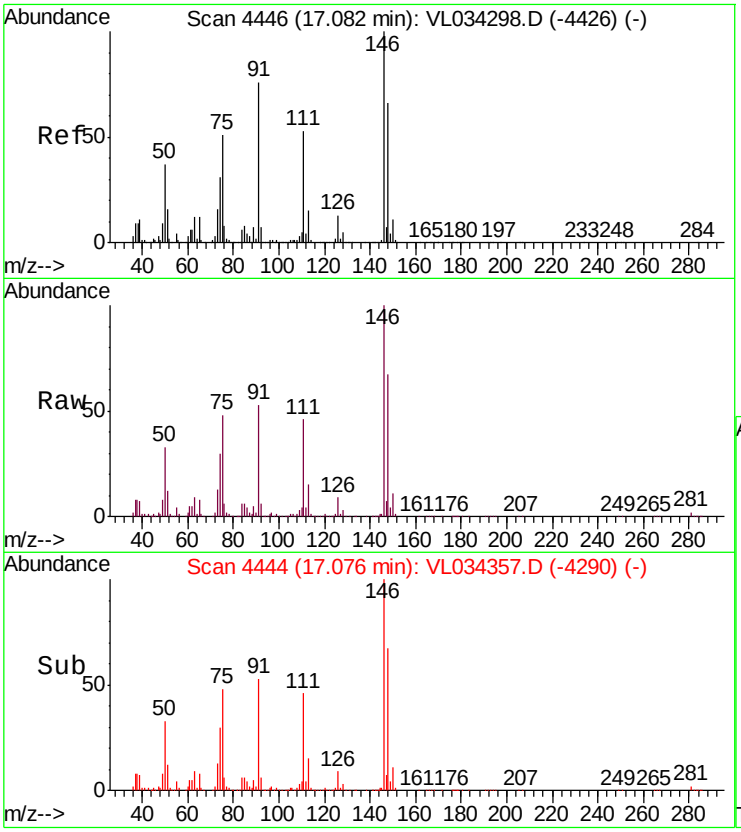




#74
1,2,4-Trimethylbenzene
Concen: 7.369 ppbv
RT: 16.83 min Scan# 4369
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:105 Resp: 2519773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.4 | 37.0 | 55.6 |
| 91 | 49.3 | 38.2 | 57.2 |
| 77 | 23.5 | 19.0 | 28.4 |



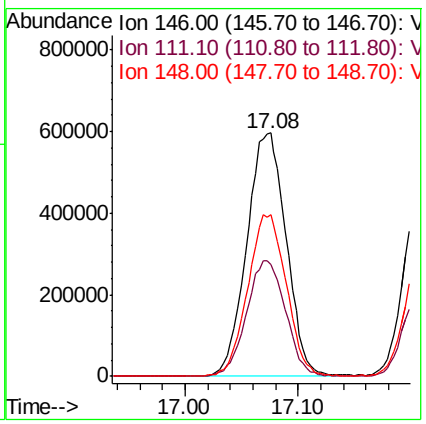


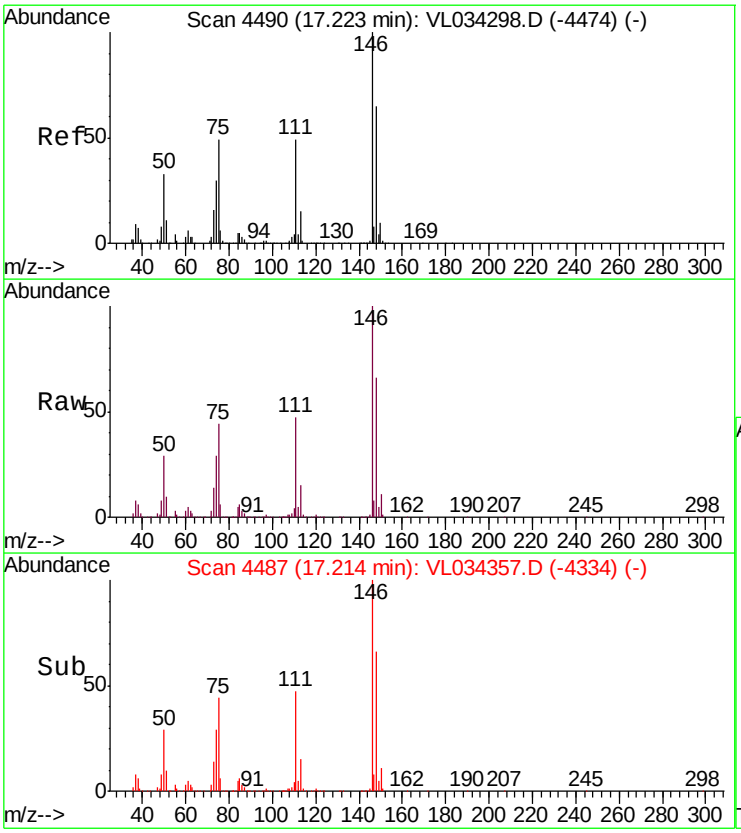

#75
1,3-Dichlorobenzene
Concen: 7.025 ppbv
RT: 17.08 min Scan# 4444
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:146 Resp: 1442143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.2 | 24.5 | 73.5 |
| 148 | 65.1 | 32.3 | 96.8 |

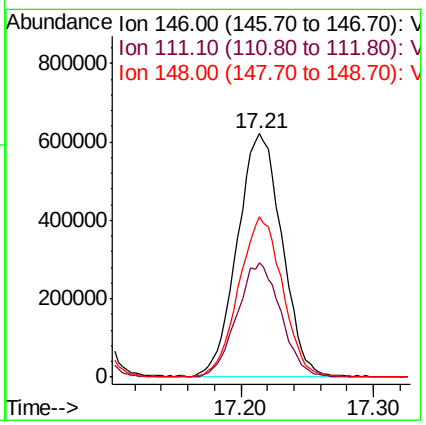


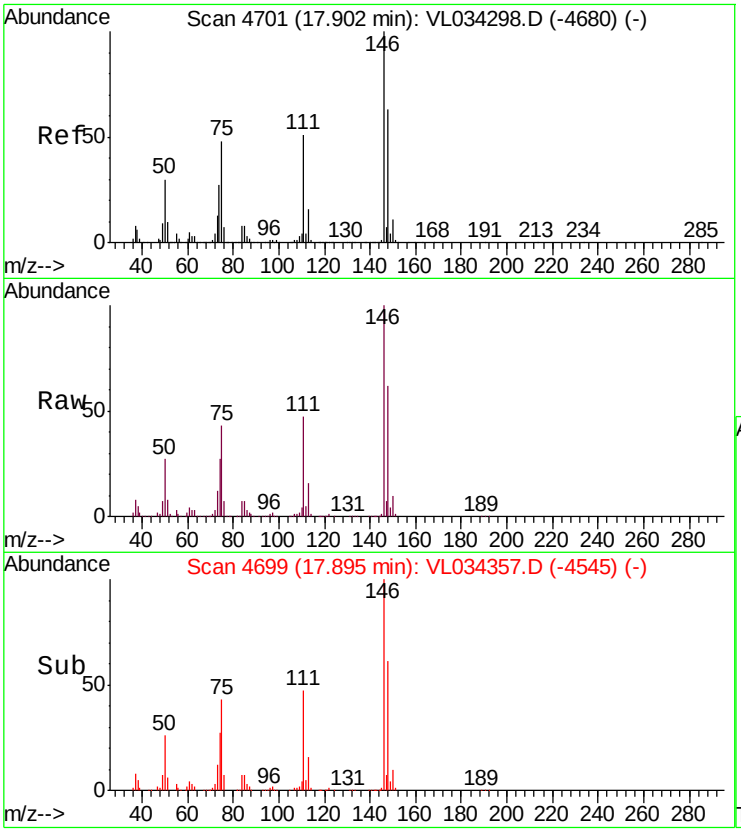




#76
1,4-Dichlorobenzene
Concen: 7.161 ppbv
RT: 17.21 min Scan# 4487
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:146 Resp: 1436024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 46.9 | 23.9 | 71.7 |
| 148 | 65.8 | 33.1 | 99.2 |



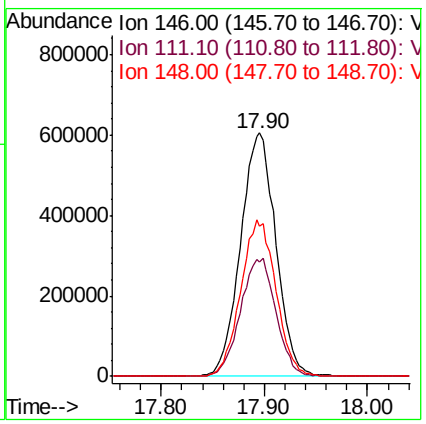


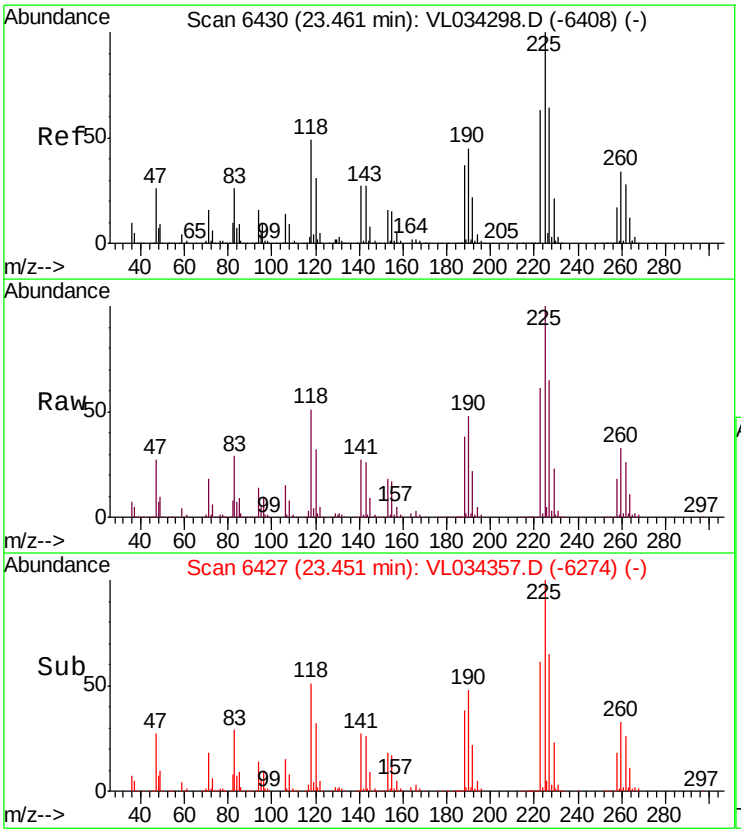

#77
1,2-Dichlorobenzene
Concen: 7.157 ppbv
RT: 17.90 min Scan# 4699
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:146 Resp: 1440506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.8 | 25.1 | 75.3 |
| 148 | 64.1 | 32.3 | 96.8 |

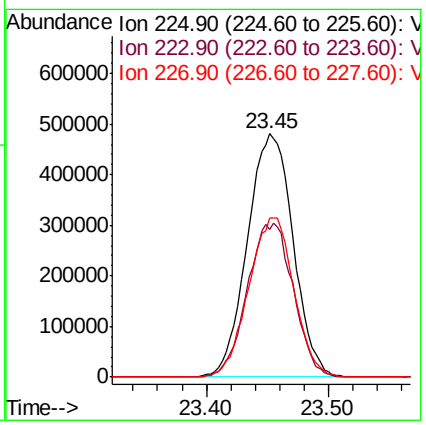


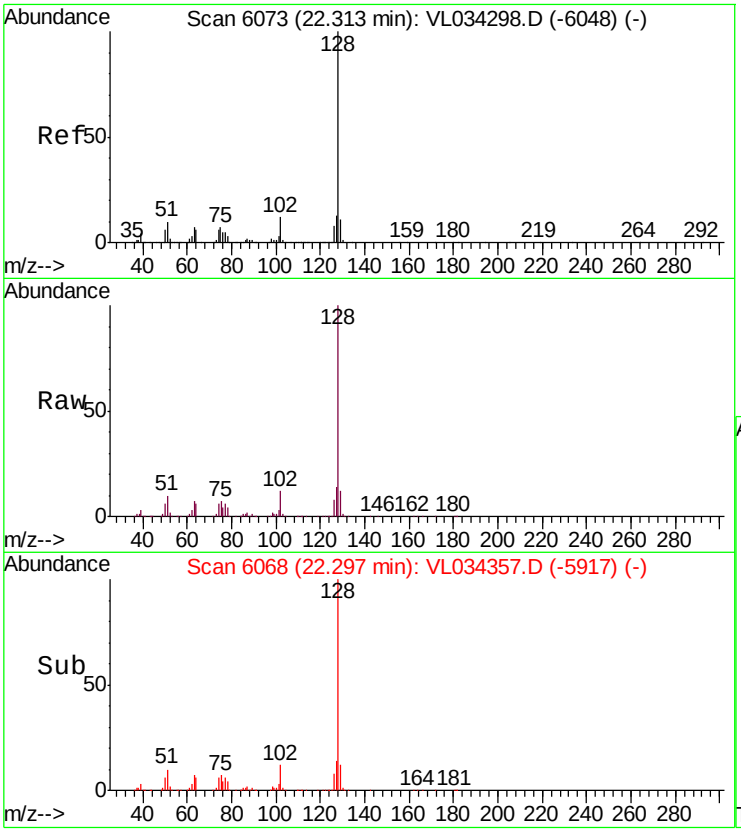




#78
Hexachloro-1,3-Butadiene
Concen: 7.493 ppbv
RT: 23.45 min Scan# 6427
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:225 Resp: 1247530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.5 | 50.8 | 76.2 |
| 227 | 64.8 | 51.5 | 77.3 |



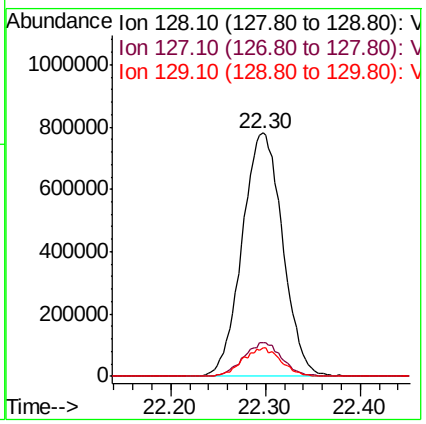


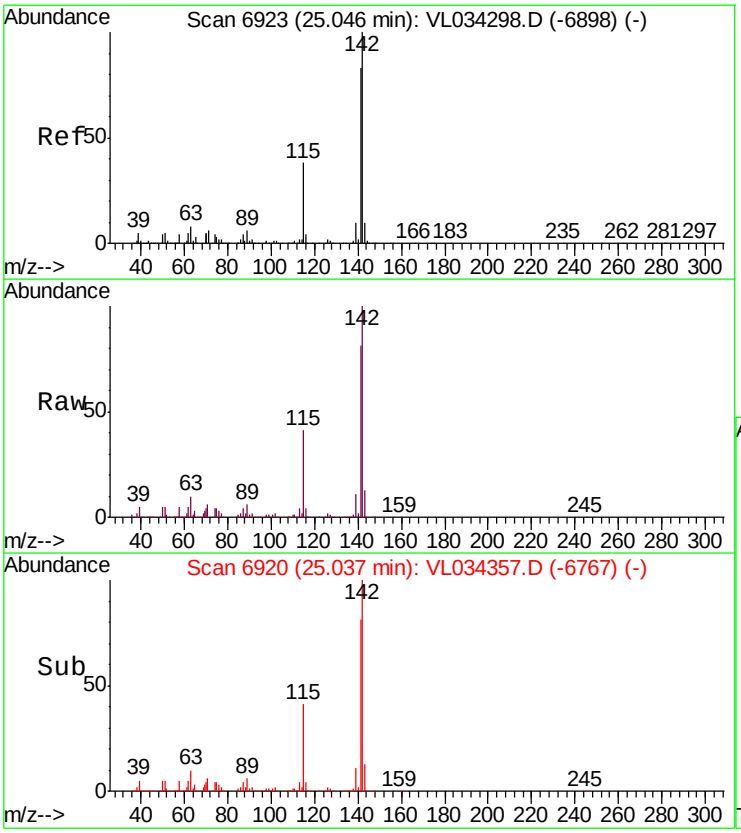

#79
Naphthalene
Concen: 9.276 ppbv
RT: 22.30 min Scan# 6068
Delta R.T. -0.02 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:128 Resp: 2316843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.9 | 10.2 | 15.4 |
| 129 | 11.6 | 8.9 | 13.3 |

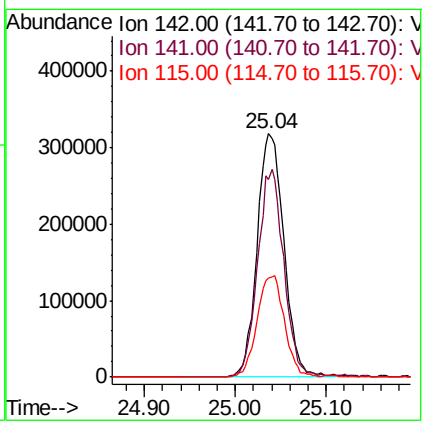


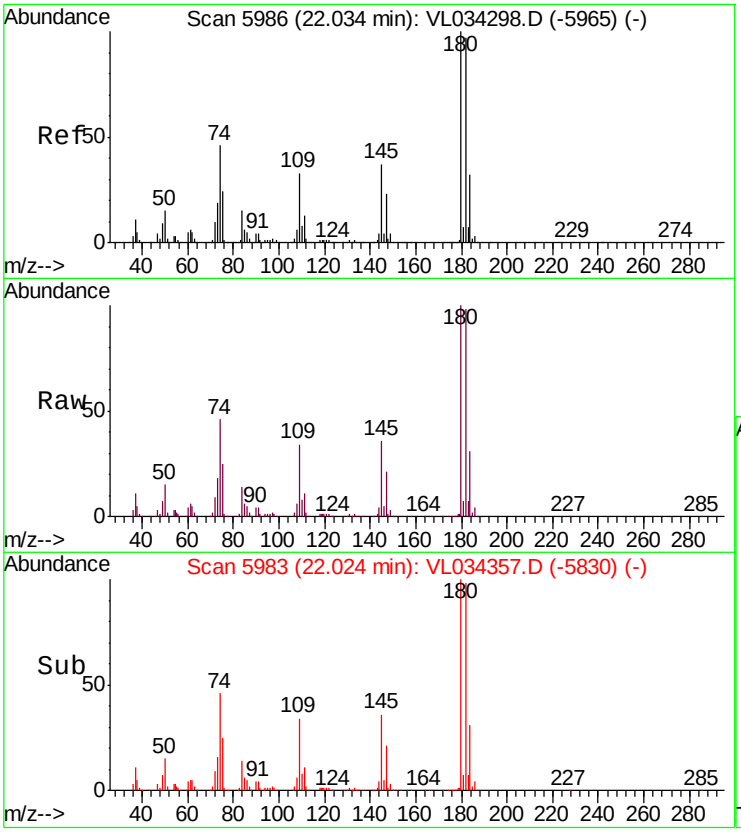




#80
Naphthalene,2-methyl-
Concen: 8.978 ppbv
RT: 25.04 min Scan# 6920
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

Tgt Ion:142 Resp: 648187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.6 | 65.7 | 98.5 |
| 115 | 43.4 | 30.9 | 46.3 |






#81
1,2,4-Trichlorobenzene
Concen: 7.900 ppbv
RT: 22.02 min Scan# 5983
Delta R.T. -0.01 min
Lab File: VL034357.D
Acq: 24 Oct 2019 23:31

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

Tgt Ion:180 Resp: 1288737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 77.8 | 116.8 |
| 184 | 31.8 | 25.4 | 38.2 |