Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038375.D
Acq On : 22 Feb 2022 4:10
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Quant Time: Mar 14 07:57:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 974905 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.15 | 114 | 2383011 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.06 | 117 | 2827804 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.39 | 95 | 1916795 | 8.19 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 81.90% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.04 | 85 | 1521324 | 9.85 | ppbv | | 100 |
| 3) Chlorodifluoromethane | 2.98 | 51 | 1597378 | 9.28 | ppbv | | 100 |
| 4) Chloromethane | 3.13 | 50 | 551171 | 9.21 | ppbv | | 100 |
| 5) Vinyl Chloride | 3.25 | 62 | 577460 | 9.23 | ppbv | | 100 |
| 6) Bromomethane | 3.46 | 94 | 301694 | 9.15 | ppbv | | 100 |
| 7) Chloroethane | 3.55 | 64 | 191772 | 9.55 | ppbv | | 100 |
| 8) Dichlorotetrafluoroethane | 3.18 | 85 | 1349624 | 9.40 | ppbv | | 100 |
| 9) Propene | 3.00 | 41 | 537333 | 9.45 | ppbv | | 100 |
| 10) Heptane | 8.10 | 43 | 1375824 | 9.94 | ppbv | | 100 |
| 11) Trichlorofluoromethane | 3.94 | 101 | 1388727 | 9.39 | ppbv | | 100 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.47 | 101 | 1022845 | 9.44 | ppbv | | 100 |
| 13) Ethanol | 3.60 | 45 | 11858 | 2.09 | ppbv | # | 1 |
| 14) Bromoethene | 3.73 | 108 | 407982 | 9.45 | ppbv | | 100 |
| 15) Acetone | 3.84 | 43 | 696111 | 8.40 | ppbv | | 99 |
| 16) 1,3-Butadiene | 3.32 | 39 | 542027 | 9.79 | ppbv | | 99 |
| 17) tert-Butyl alcohol | 4.27 | 59 | 783562 | 9.47 | ppbv | | 99 |
| 18) 1,1-Dichloroethene | 4.28 | 96 | 441368 | 9.28 | ppbv | | 100 |
| 19) Isopropyl Alcohol | 3.95 | 45 | 428424 | 8.92 | ppbv | | 100 |
| 20) Methylene Chloride | 4.33 | 84 | 363116 | 8.84 | ppbv | | 100 |
| 21) Allyl Chloride | 4.40 | 41 | 666489 | 9.52 | ppbv | | 99 |
| 22) trans-1,2-Dichloroethene | 4.87 | 96 | 467630 | 9.74 | ppbv | | 100 |
| 23) Vinyl Acetate | 5.06 | 43 | 1063018 | 9.68 | ppbv | | 100 |
| 24) 1,1-Dichloroethane | 4.99 | 63 | 920606 | 9.32 | ppbv | | 100 |
| 25) Ethyl Acetate | 5.66 | 43 | 2130878 | 9.57 | ppbv | | 100 |
| 26) Hexane | 5.67 | 57 | 958399 | 9.50 | ppbv | | 100 |
| 27) Carbon Disulfide | 4.53 | 76 | 1150877 | 10.26 | ppbv | | 100 |
| 28) Methyl tert-Butyl Ether | 5.02 | 73 | 987217 | 9.61 | ppbv | | 100 |
| 29) Chloroform | 5.73 | 83 | 1581934 | 9.61 | ppbv | | 100 |
| 30) Cyclohexane | 7.11 | 84 | 804263 | 9.75 | ppbv | | 100 |
| 31) cis-1,2-Dichloroethene | 5.53 | 61 | 970562 | 9.93 | ppbv | | 100 |
| 32) 1,1,1-Trichloroethane | 6.49 | 97 | 1548660 | 9.35 | ppbv | | 100 |
| 34) 2-Butanone | 5.22 | 43 | 736935 | 9.83 | ppbv | | 100 |
| 35) Carbon Tetrachloride | 7.00 | 117 | 1636906 | 9.77 | ppbv | | 100 |
| 36) Benzene | 6.87 | 78 | 2064946 | 9.84 | ppbv | | 100 |
| 37) 1,2-Dichloroethane | 6.28 | 62 | 1210673 | 9.99 | ppbv | | 100 |
| 38) Trichloroethene | 7.81 | 130 | 734331 | 9.61 | ppbv | | 100 |
| 39) 1,2-Dichloropropane | 7.59 | 63 | 811044 | 9.71 | ppbv | | 100 |
| 40) 1,4-Dioxane | 7.81 | 88 | 190224 | 9.60 | ppbv | | 100 |
| 41) Tetrahydrofuran | 6.03 | 42 | 514515 | 10.16 | ppbv | | 100 |
| 42) Bromodichloromethane | 7.77 | 83 | 1756783 | 10.04 | ppbv | | 100 |
| 43) Methyl Methacrylate | 7.99 | 69 | 771723 | 10.58 | ppbv | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038375.D
Acq On : 22 Feb 2022 4:10
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Quant Time: Mar 14 07:57:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.85 | 57 | 3468940 | 9.62 | ppbv | | 100 |
| 45) t-1,3-Dichloropropene | 9.25 | 75 | 678862 | 11.65 | ppbv | | 100 |
| 46) cis-1,3-Dichloropropene | 8.68 | 75 | 849778 | 11.12 | ppbv | | 100 |
| 47) 1,1,2-Trichloroethane | 9.45 | 97 | 829880 | 9.98 | ppbv | | 100 |
| 48) Dibromochloromethane | 10.28 | 129 | 1438473 | 10.58 | ppbv | | 100 |
| 49) Bromoform | 13.01 | 173 | 1125745 | 11.22 | ppbv | | 100 |
| 50) 4-Methyl-2-Pentanone | 8.72 | 43 | 1420309 | 10.72 | ppbv | | 100 |
| 51) 2-Hexanone | 10.11 | 43 | 657590 | 11.08 | ppbv | # | 100 |
| 52) Tetrachloroethene | 11.19 | 164 | 667391 | 9.58 | ppbv | | 100 |
| 53) Toluene | 9.78 | 91 | 2286445 | 10.04 | ppbv | | 99 |
| 54) 1,2-Dibromoethane | 10.58 | 107 | 1198521 | 10.24 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.10 | 131 | 931160 | 7.90 | ppbv | | 98 |
| 57) Chlorobenzene | 12.12 | 112 | 1651330 | 7.57 | ppbv | | 100 |
| 58) Ethyl Benzene | 12.68 | 91 | 3120390 | 8.07 | ppbv | | 100 |
| 59) m/p-Xylene | 12.97 | 91 | 2975670 | 8.96 | ppbv | # | 48 |
| 60) o-Xylene | 13.66 | 91 | 2501464 | 7.97 | ppbv | | 100 |
| 61) Styrene | 13.50 | 104 | 1295270 | 8.95 | ppbv | | 100 |
| 62) Isopropylbenzene | 14.64 | 105 | 3334302 | 7.91 | ppbv | | 100 |
| 63) 1,1,2,2-Tetrachloroethane | 13.65 | 83 | 1852692 | 7.26 | ppbv | | 100 |
| 64) n-propylbenzene | 15.53 | 120 | 872122 | 8.36 | ppbv | | 100 |
| 65) tert-Butylbenzene | 16.72 | 119 | 2905149 | 7.96 | ppbv | | 100 |
| 66) Benzyl Chloride | 16.96 | 91 | 196900 | 9.98 | ppbv | | 100 |
| 67) sec-Butylbenzene | 17.26 | 105 | 4108827 | 7.95 | ppbv | | 100 |
| 69) p-Isopropyltoluene | 17.62 | 119 | 3388391 | 8.34 | ppbv | | 100 |
| 70) n-Butylbenzene | 18.52 | 91 | 3551820 | 8.45 | ppbv | | 100 |
| 71) 2-Chlorotoluene | 15.42 | 91 | 2651132 | 8.18 | ppbv | | 100 |
| 72) 4-Ethyltoluene | 15.81 | 105 | 2922272 | 8.45 | ppbv | | 100 |
| 73) 1,3,5-Trimethylbenzene | 15.97 | 105 | 2617897 | 8.33 | ppbv | | 100 |
| 74) 1,2,4-Trimethylbenzene | 16.73 | 105 | 2736287 | 8.25 | ppbv | | 100 |
| 75) 1,3-Dichlorobenzene | 16.96 | 146 | 1537798 | 8.28 | ppbv | | 100 |
| 76) 1,4-Dichlorobenzene | 17.10 | 146 | 1487225 | 8.12 | ppbv | | 100 |
| 77) 1,2-Dichlorobenzene | 17.79 | 146 | 1453804 | 8.13 | ppbv | | 100 |
| 78) Hexachloro-1,3-Butadiene | 23.35 | 225 | 983935 | 7.22 | ppbv | | 100 |
| 79) Naphthalene | 22.16 | 128 | 1830187 | 10.19 | ppbv | | 100 |
| 80) Naphthalene,2-methyl- | 24.95 | 142 | 424422 | 12.09 | ppbv | | 98 |
| 81) 1,2,4-Trichlorobenzene | 21.89 | 180 | 1017005 | 9.36 | ppbv | | 100 |

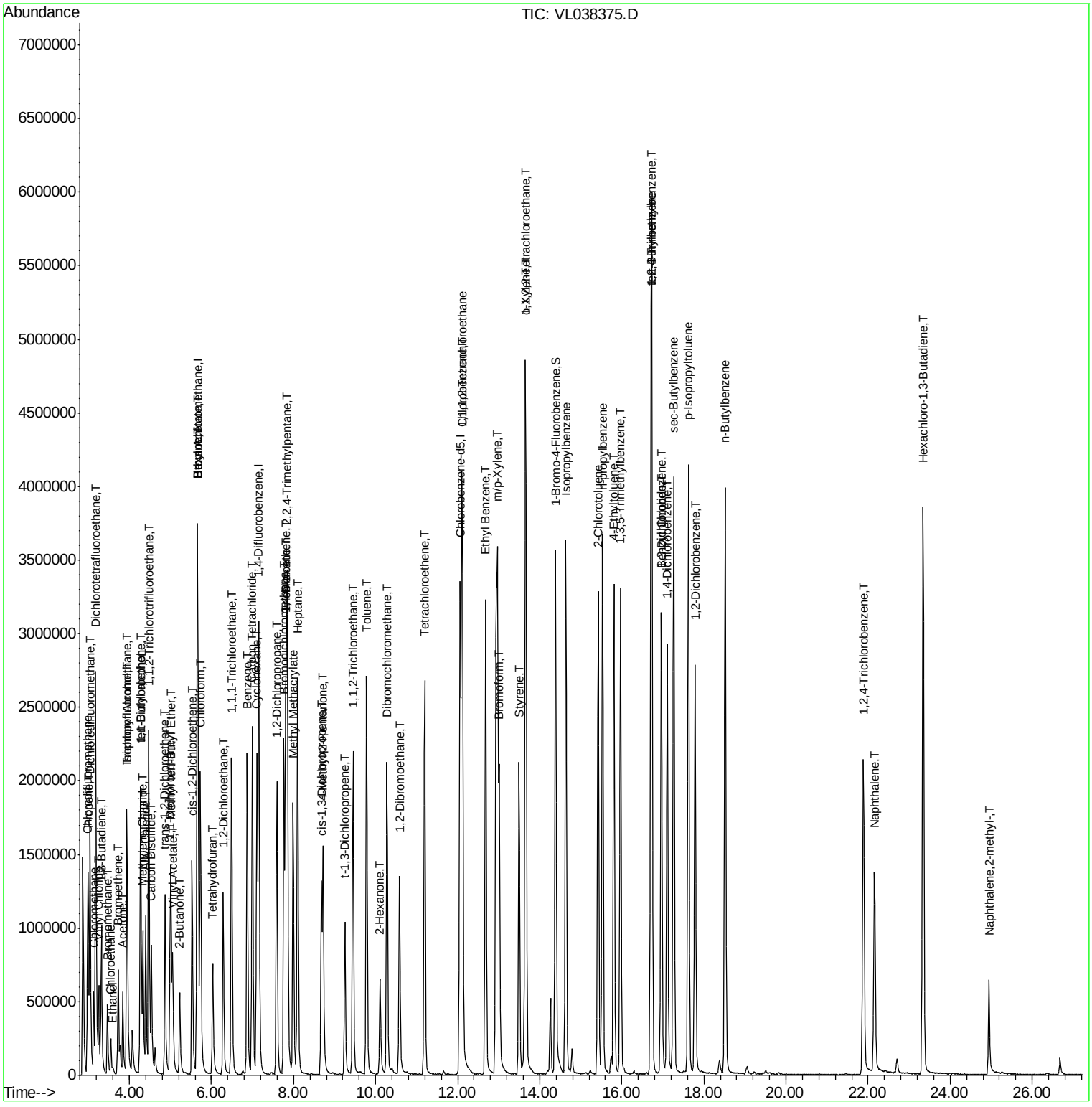
(#) = qualifier out of range (m) = manual integration (+) = signals summed

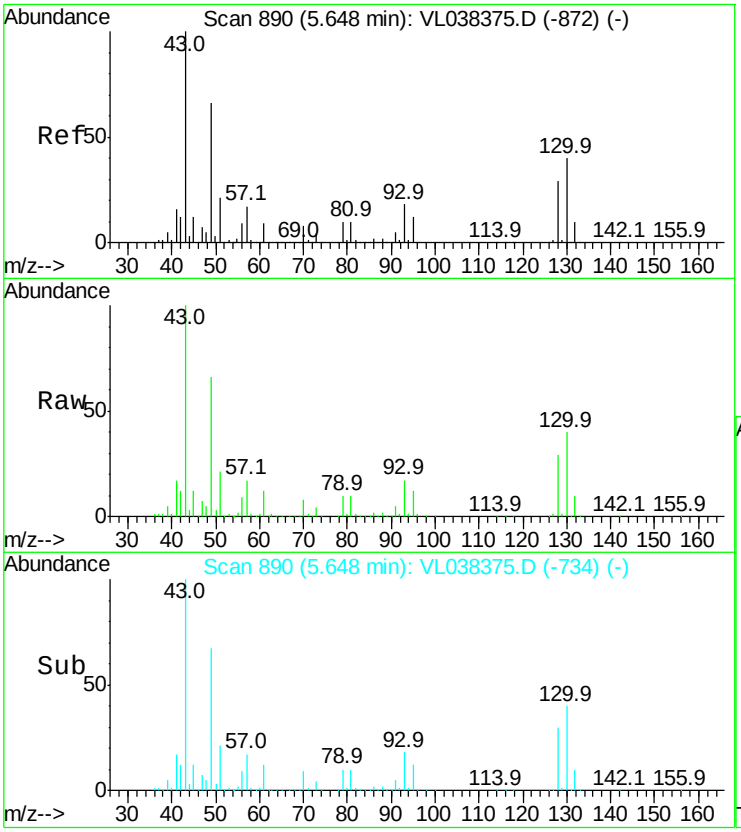
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038375.D
Acq On : 22 Feb 2022 4:10
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Quant Time: Mar 14 07:57:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



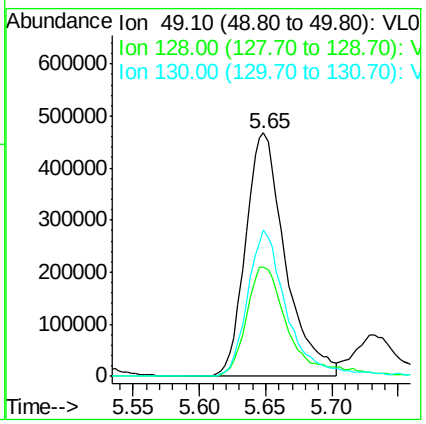


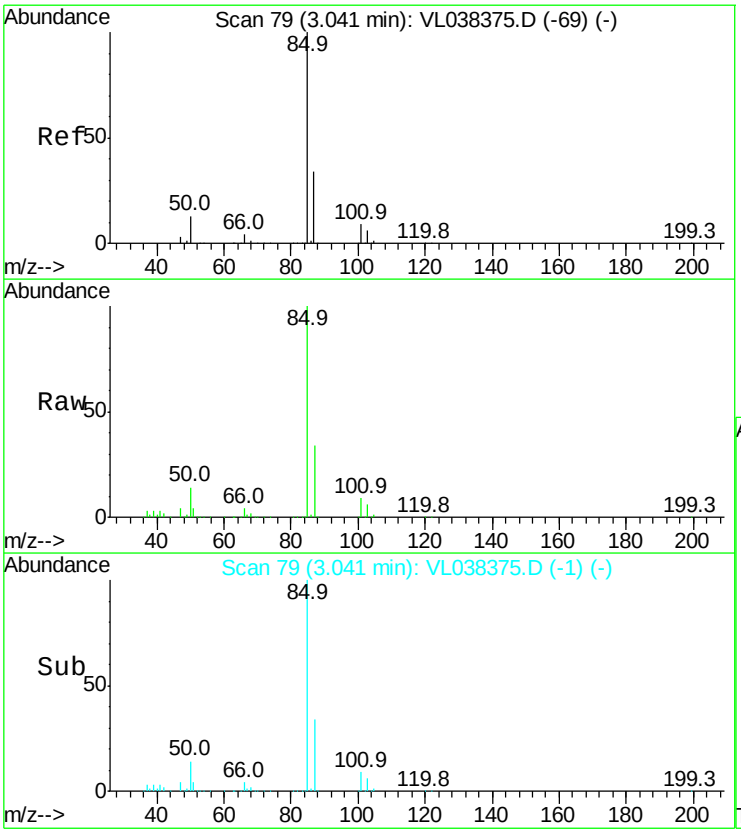

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 49 Resp: 974905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 48.6 | 24.3 | 72.9 |
| 130 | 60.3 | 30.1 | 90.5 |

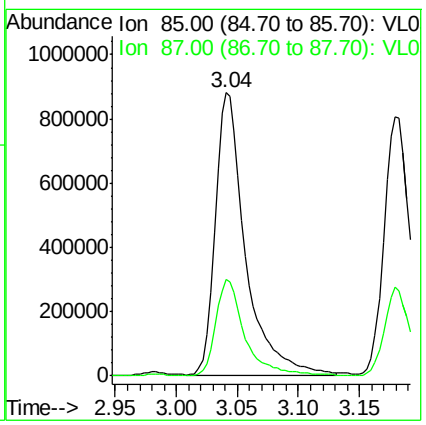


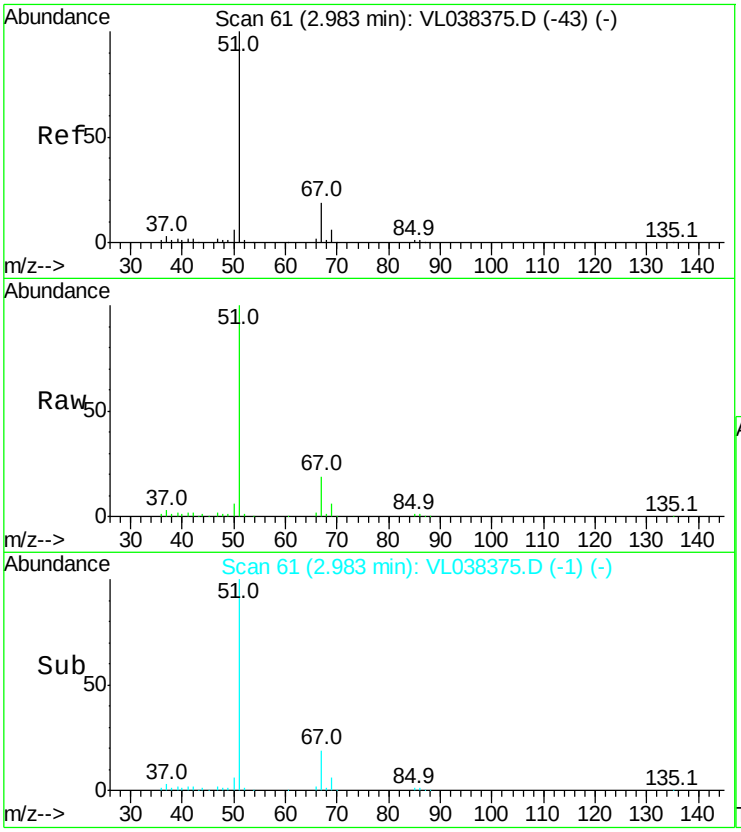




#2
Dichlorodifluoromethane
Concen: 9.85 ppbv
RT: 3.04 min Scan# 79
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 85 Resp: 1521324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.2 | 27.4 | 41.0 |



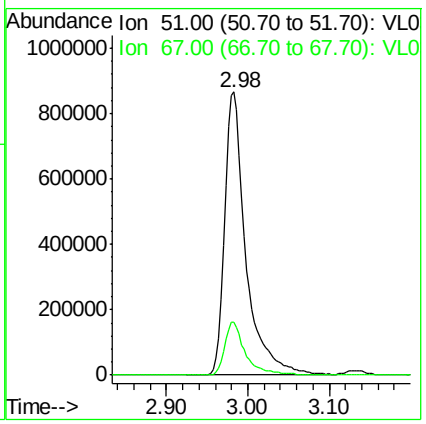


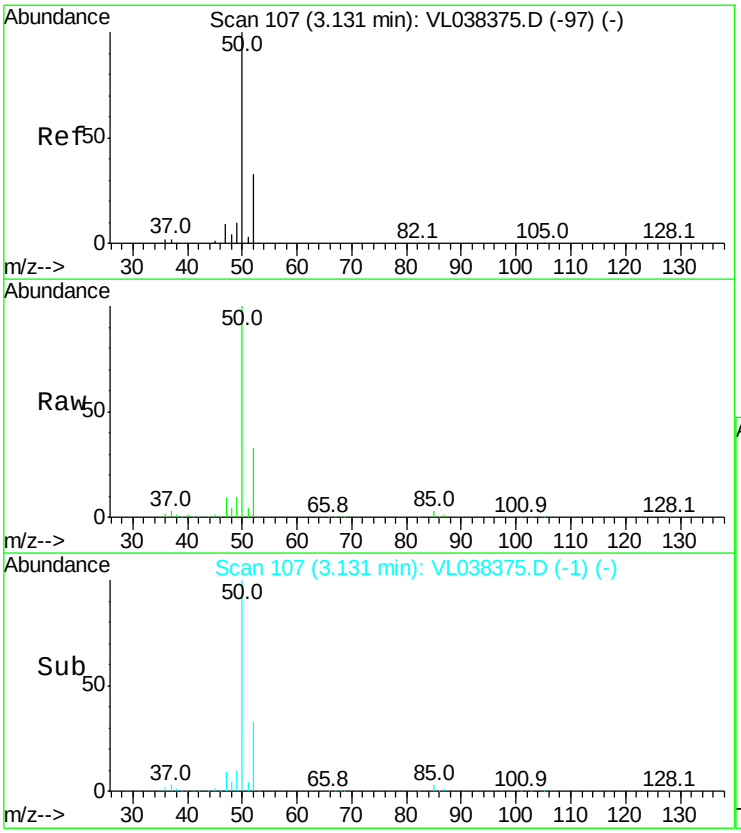

#3
Chlorodifluoromethane
Concen: 9.28 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 51 Resp: 1597378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 18.4 | 14.7 | 22.1 |

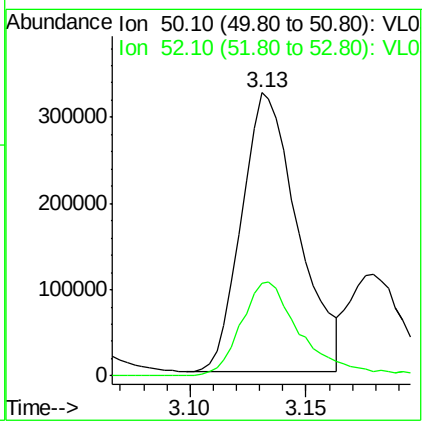


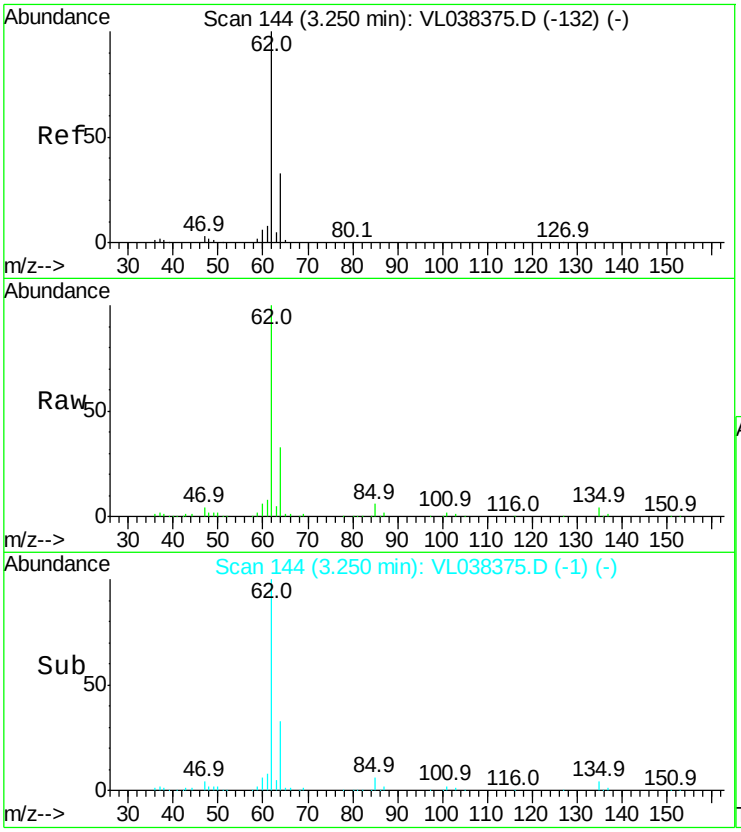




#4
Chloromethane
Concen: 9.21 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 50 Resp: 551171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.1 | 26.5 | 39.7 |



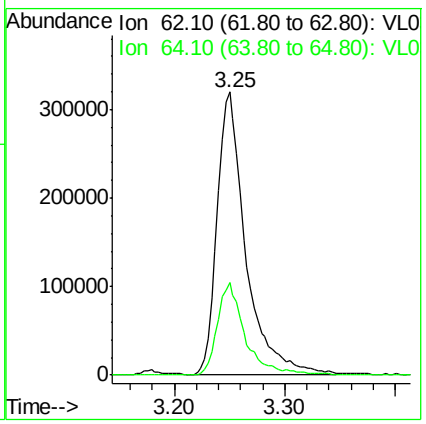


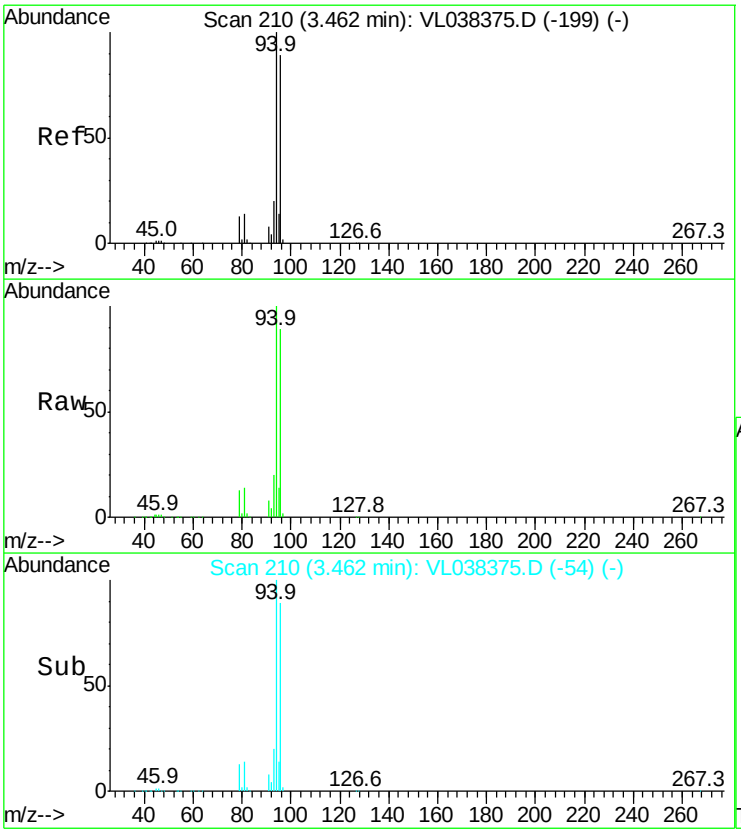

#5
Vinyl Chloride
Concen: 9.23 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 62 Resp: 577460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.7 | 26.2 | 39.2 |

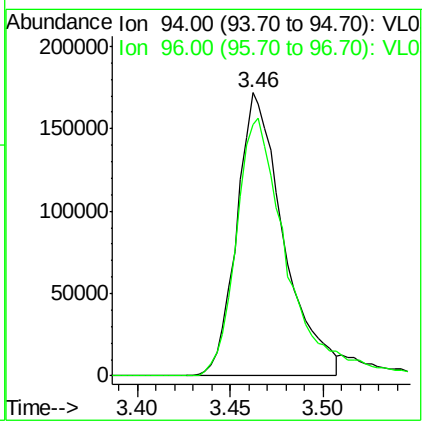


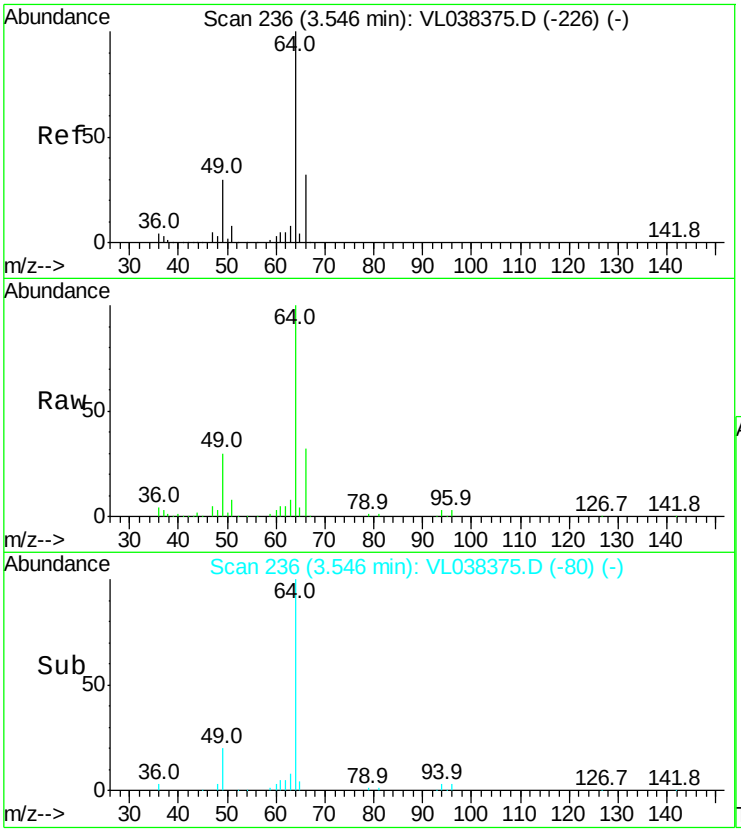




#6
Bromomethane
Concen: 9.15 ppbv
RT: 3.46 min Scan# 210
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 94 Resp: 301694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 88.8 | 71.0 | 106.6 |



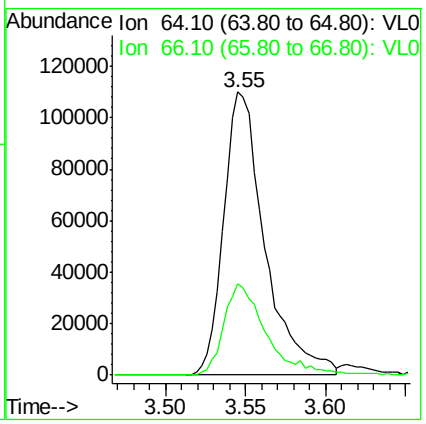


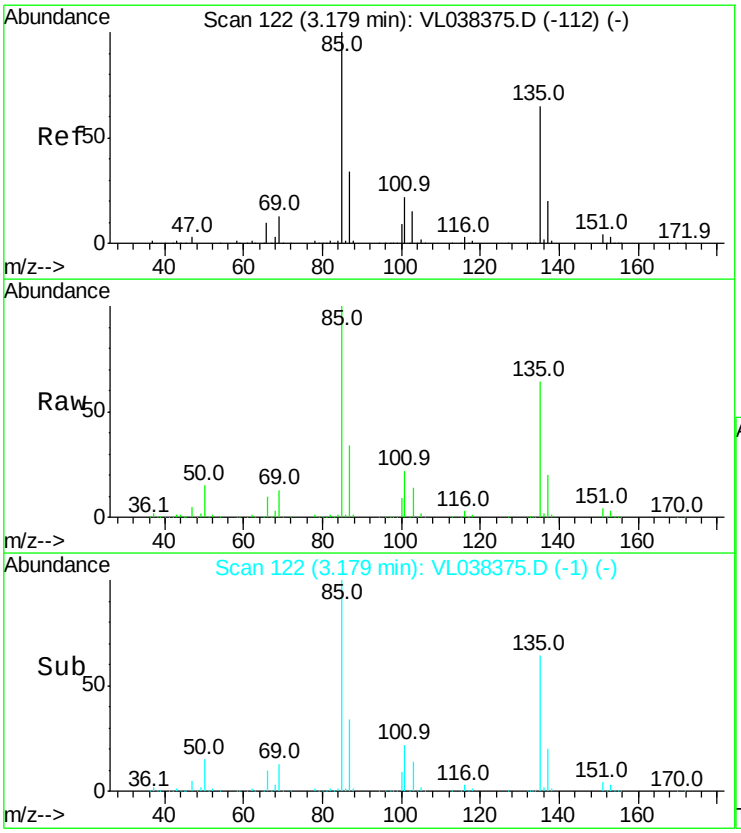

#7
Chloroethane
Concen: 9.55 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 64 Resp: 191772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.4 | 25.9 | 38.9 |

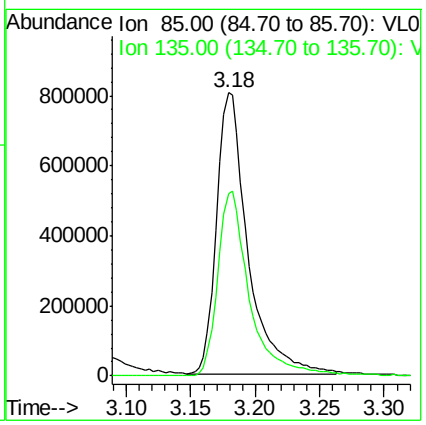


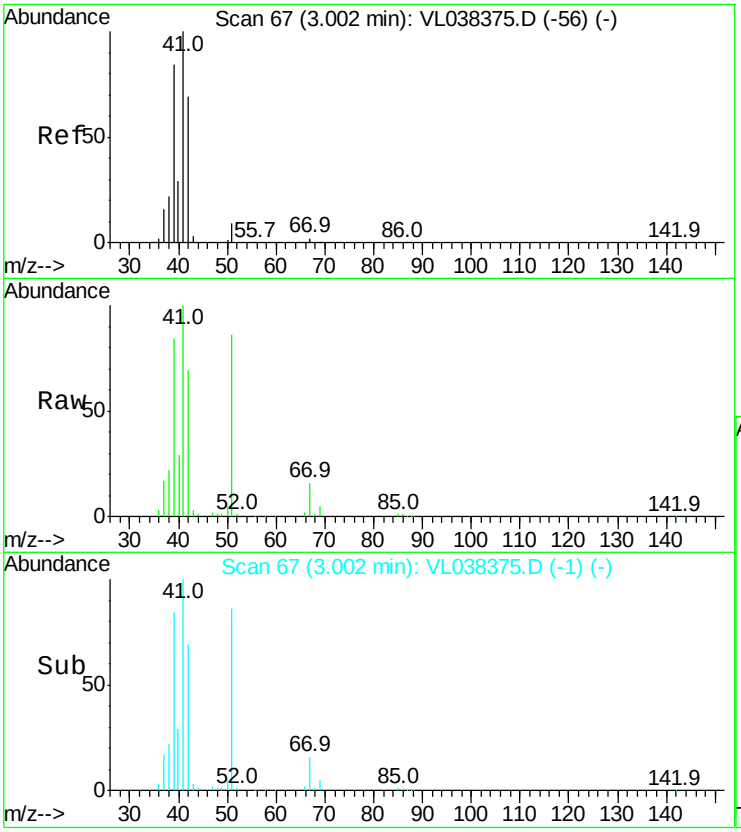




#8
Dichlorotetrafluoroethane
Concen: 9.40 ppbv
RT: 3.18 min Scan# 122
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 85 Resp: 1349624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 67.6 | 54.1 | 81.1 |



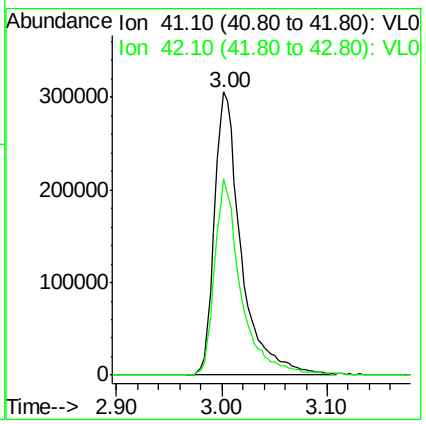


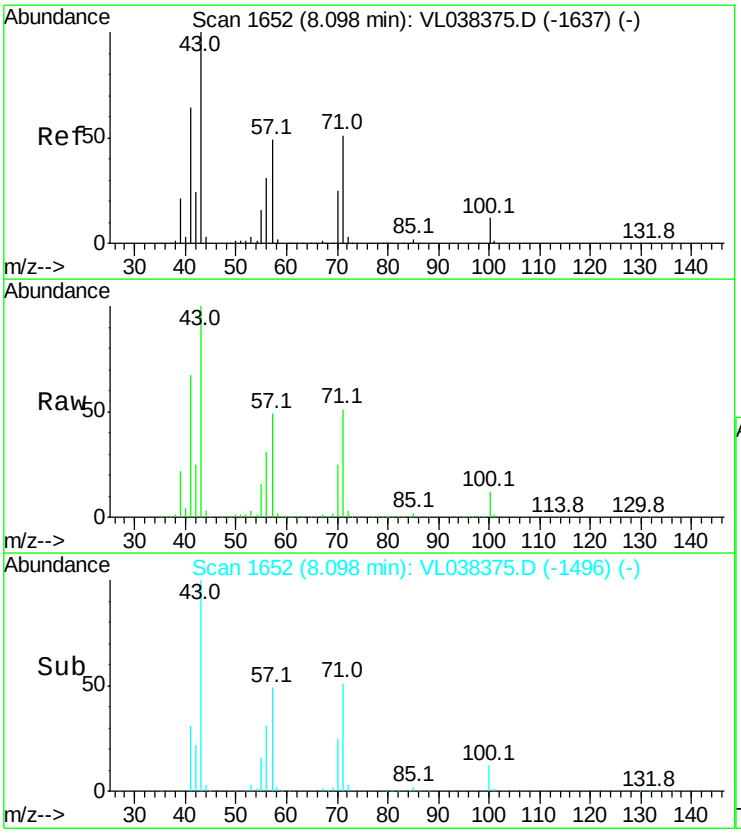

#9
Propene
Concen: 9.45 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 41 Resp: 537333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 68.3 | 54.6 | 82.0 |

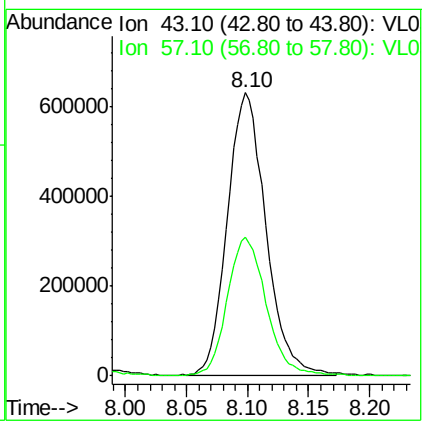


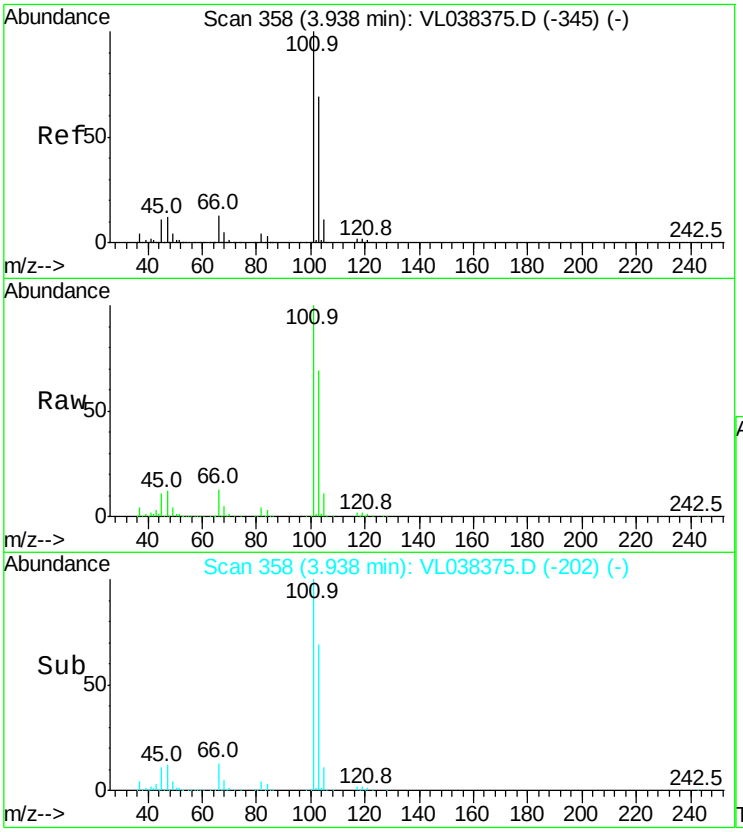




#10
Heptane
Concen: 9.94 ppbv
RT: 8.10 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 43 Resp: 1375824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 49.7 | 39.8 | 59.8 |



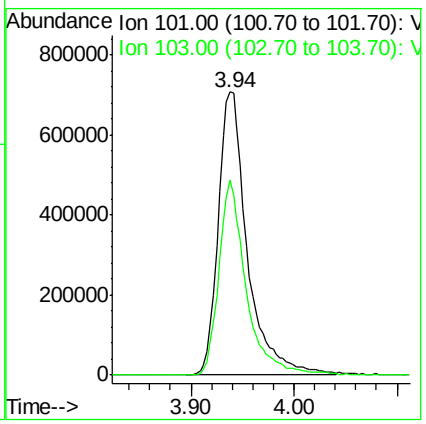


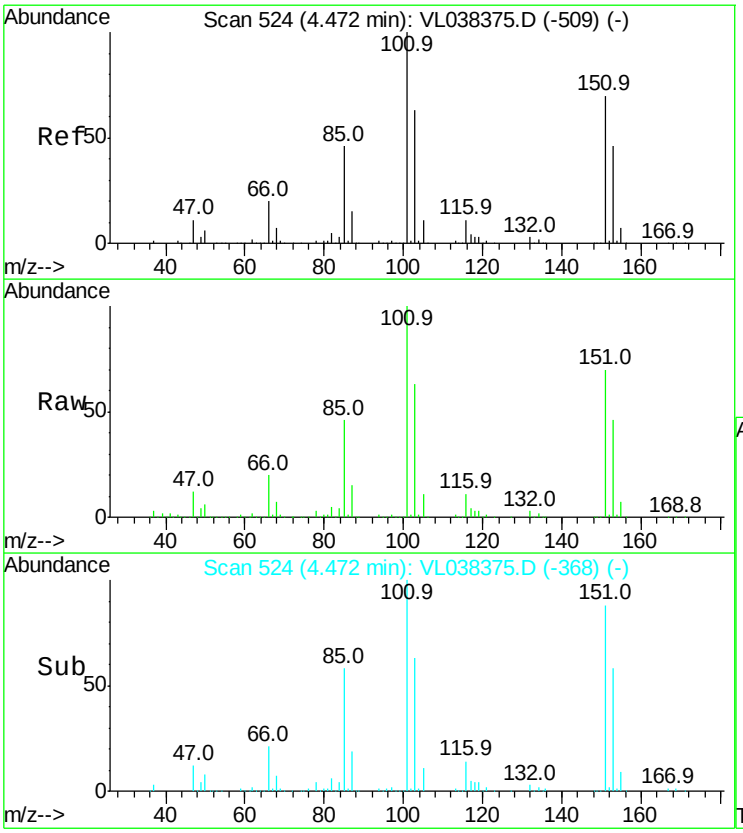

#11
Trichlorofluoromethane
Concen: 9.39 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:101 Resp: 1388727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 68.7 | 55.0 | 82.4 |

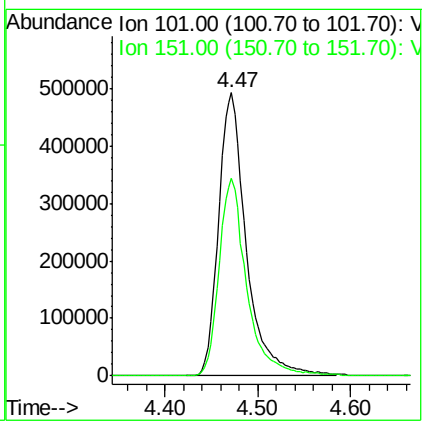


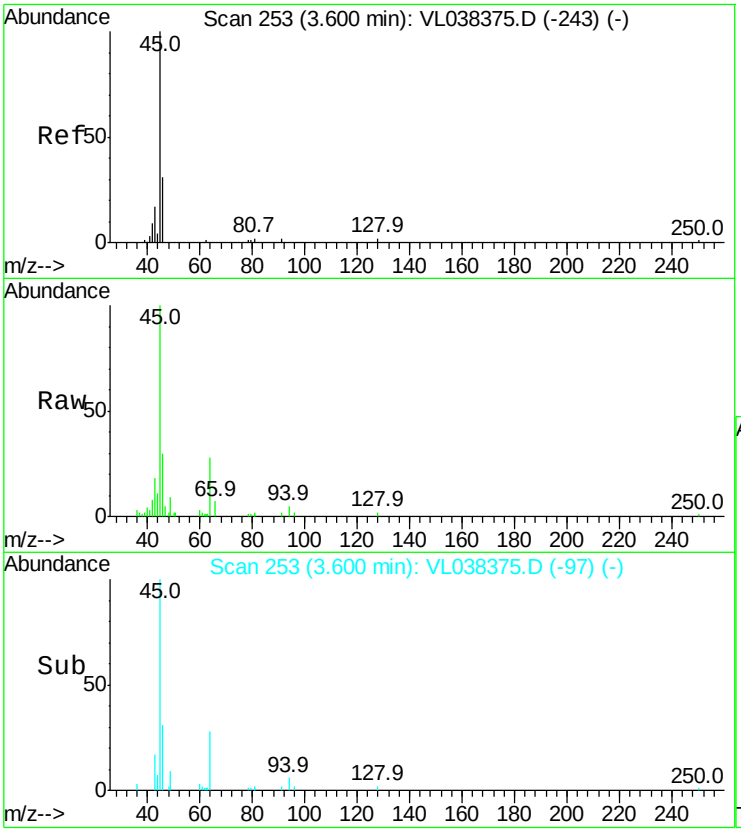




#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.44 ppbv
RT: 4.47 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:101 Resp: 1022845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 70.0 | 55.9 | 83.9 |



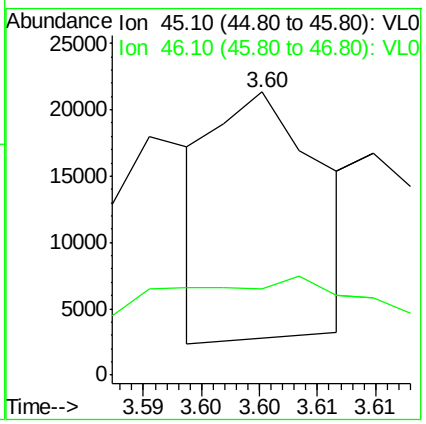


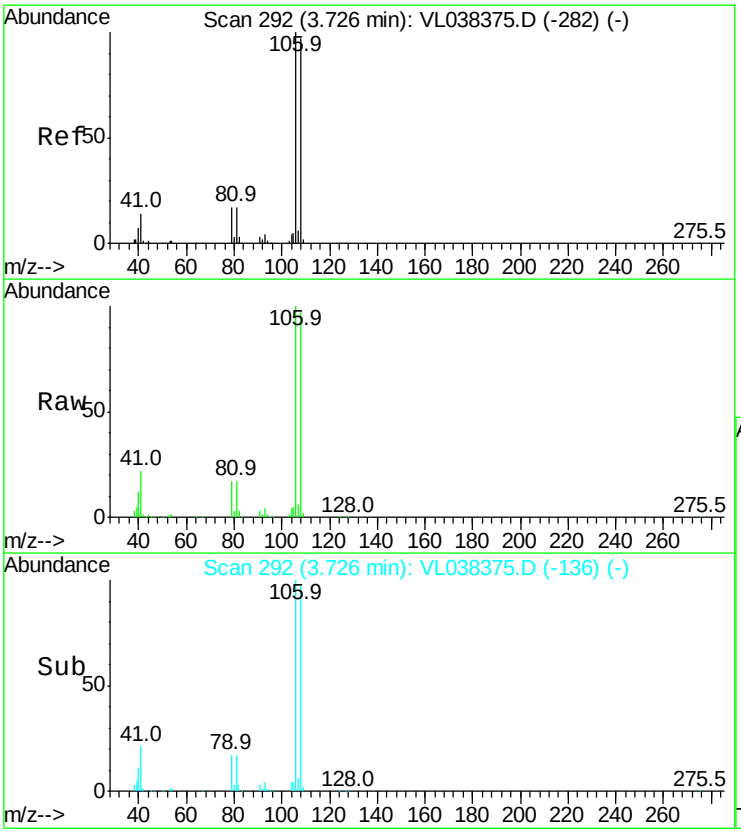

#13
Ethanol
Concen: 2.09 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 45 Resp: 11858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 162.9 | 18.2 | 72.8# |

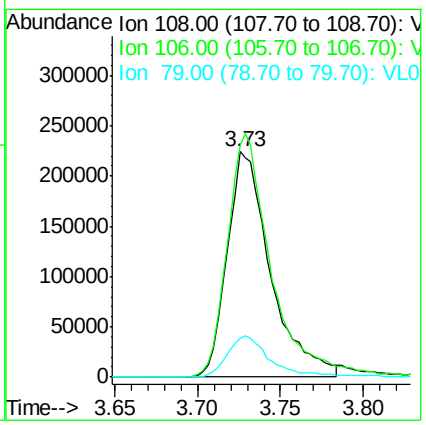


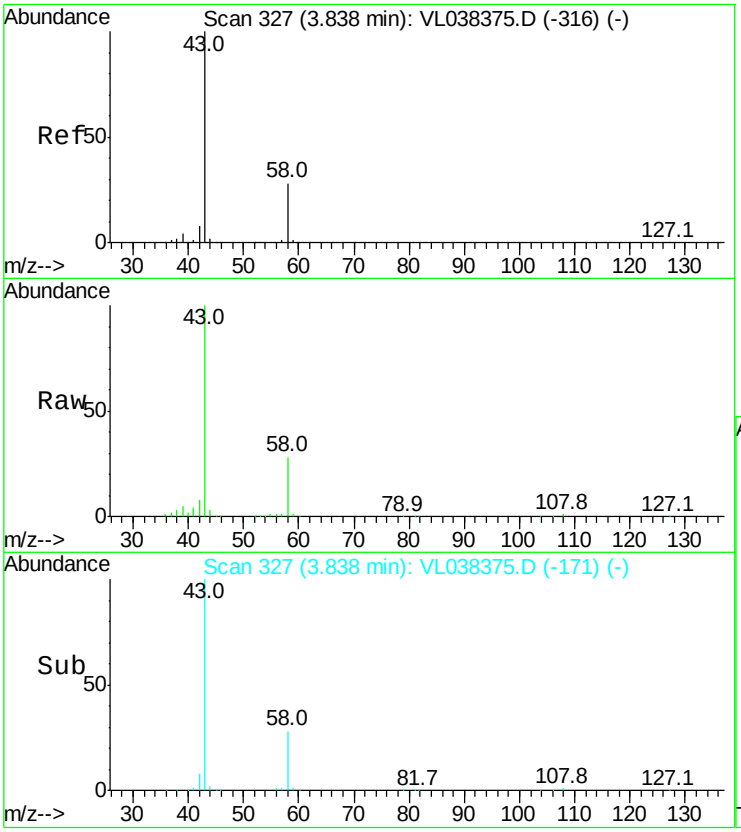




#14
Bromoethene
Concen: 9.45 ppbv
RT: 3.73 min Scan# 292
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:108 Resp: 407982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 110.5 | 88.4 | 132.6 |
| 79 | 18.8 | 15.0 | 22.6 |



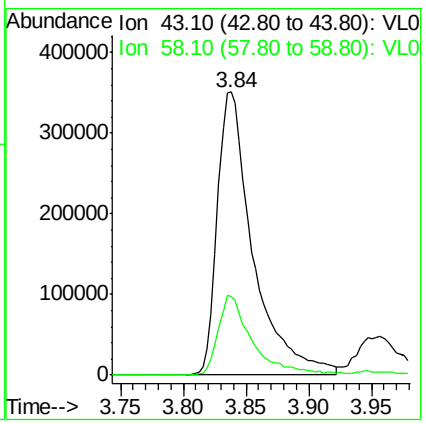


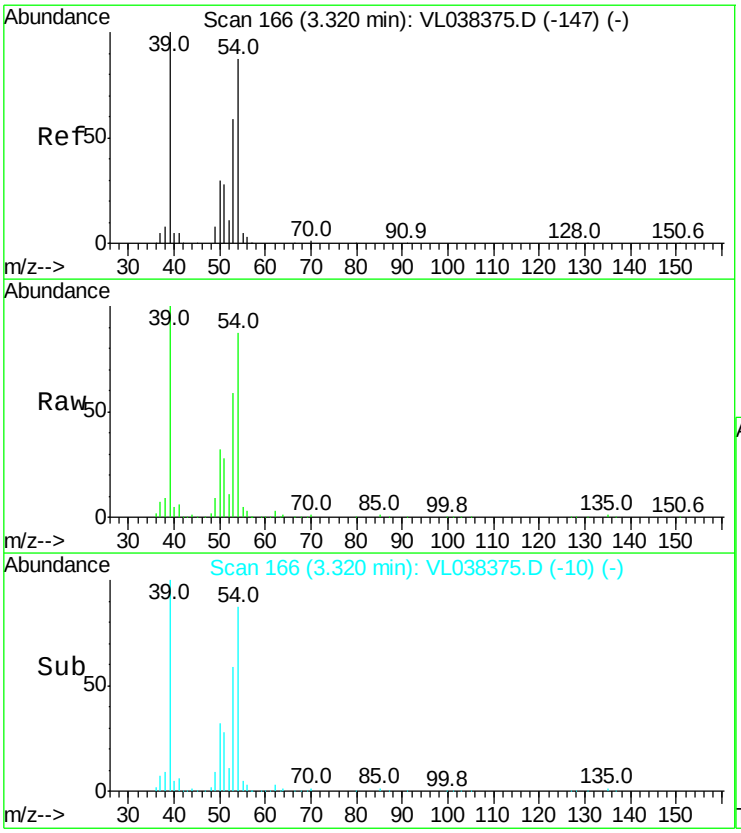

#15
Acetone
Concen: 8.40 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 43 Resp: 696111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.8 | 21.7 | 32.5 |

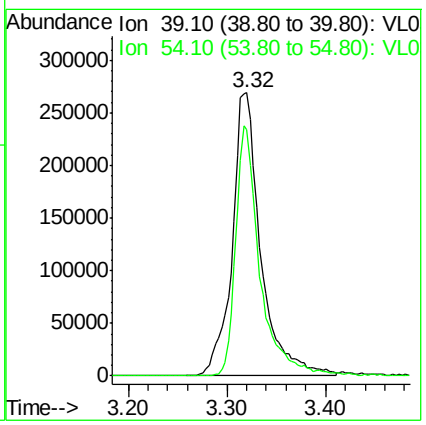


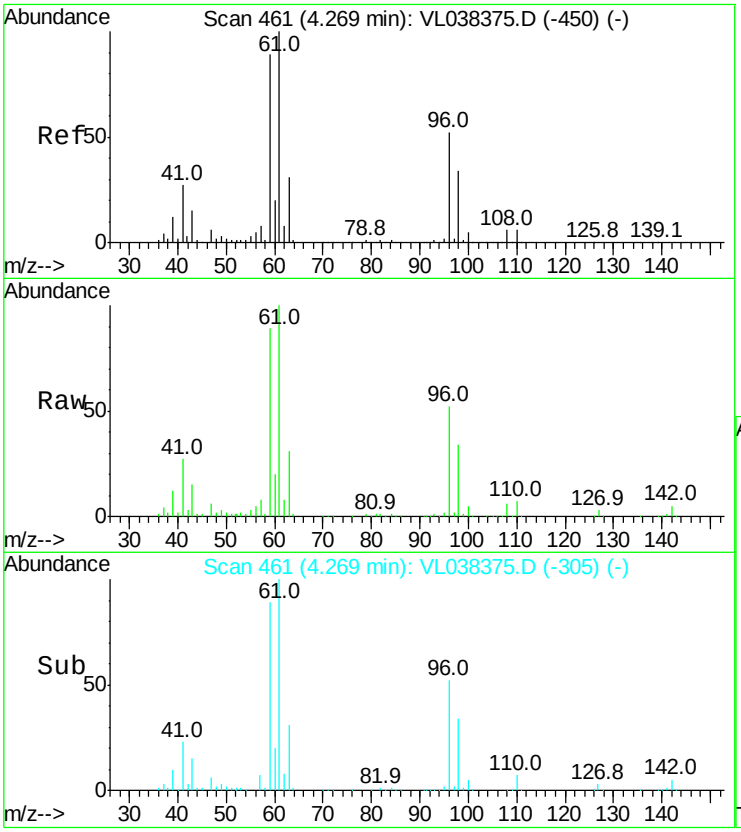




#16
1,3-Butadiene
Concen: 9.79 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 39 Resp: 542027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 74.9 | 60.3 | 90.5 |



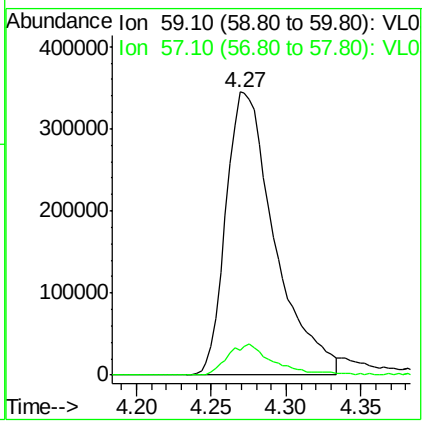


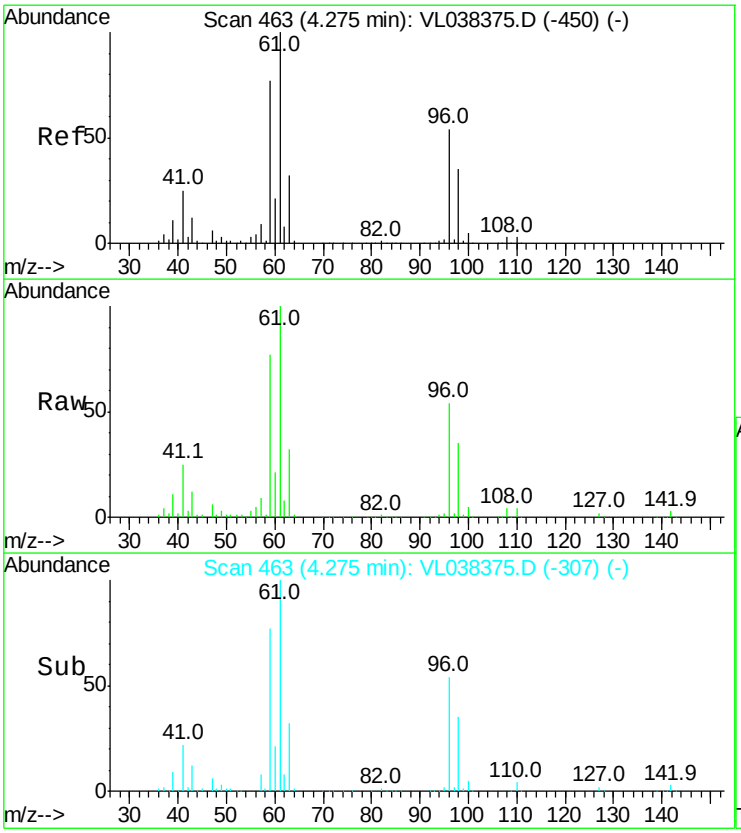

#17
tert-Butyl alcohol
Concen: 9.47 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 59 Resp: 783562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.9 | 8.4 | 12.6 |

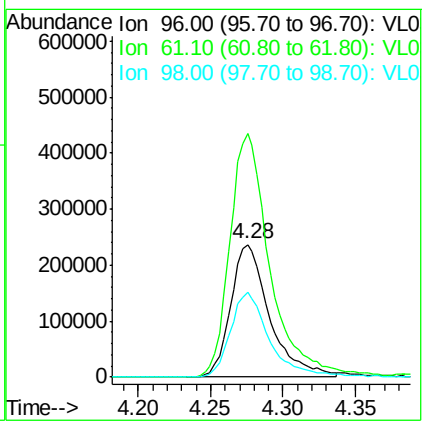


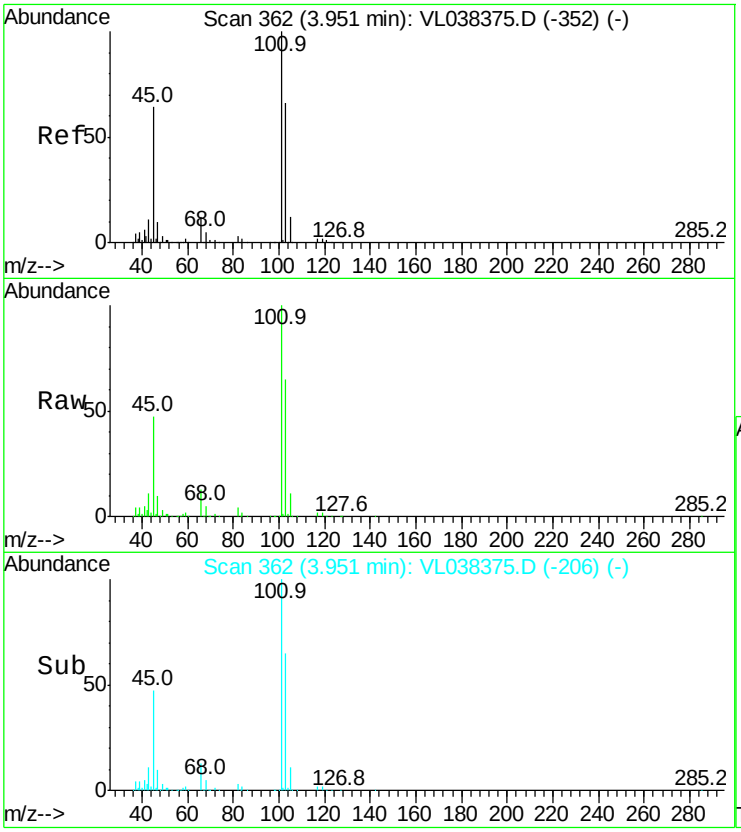




#18
1,1-Dichloroethene
Concen: 9.28 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 96 Resp: 441368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 183.5 | 146.8 | 220.2 |
| 98 | 64.4 | 51.5 | 77.3 |



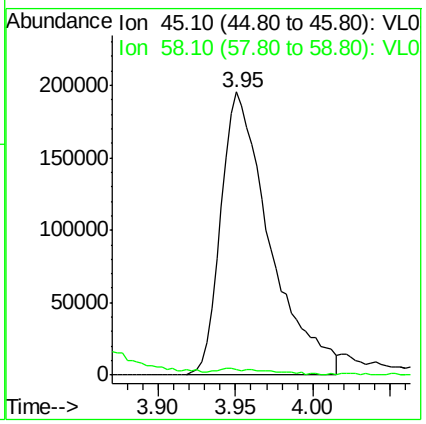


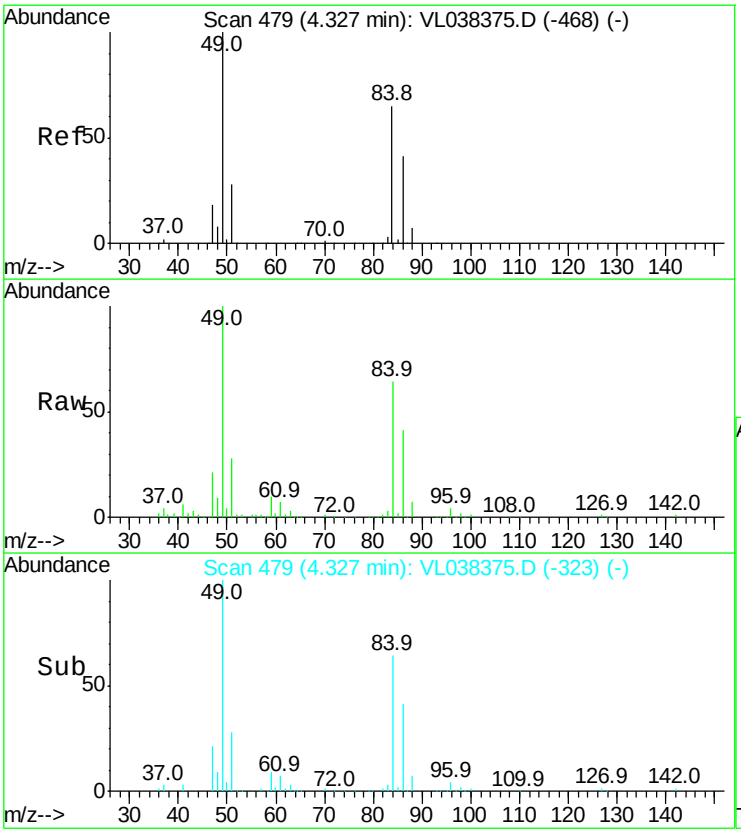

#19
Isopropyl Alcohol
Concen: 8.92 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 45 Resp: 428424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 2.2 | 1.8 | 2.8 |

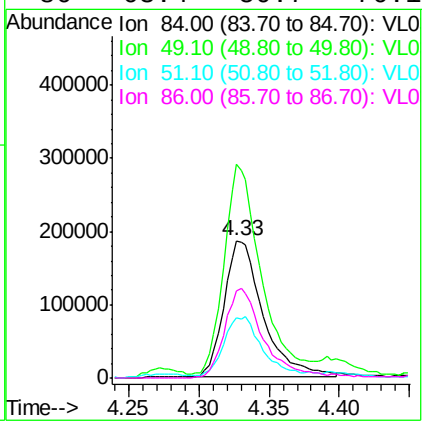


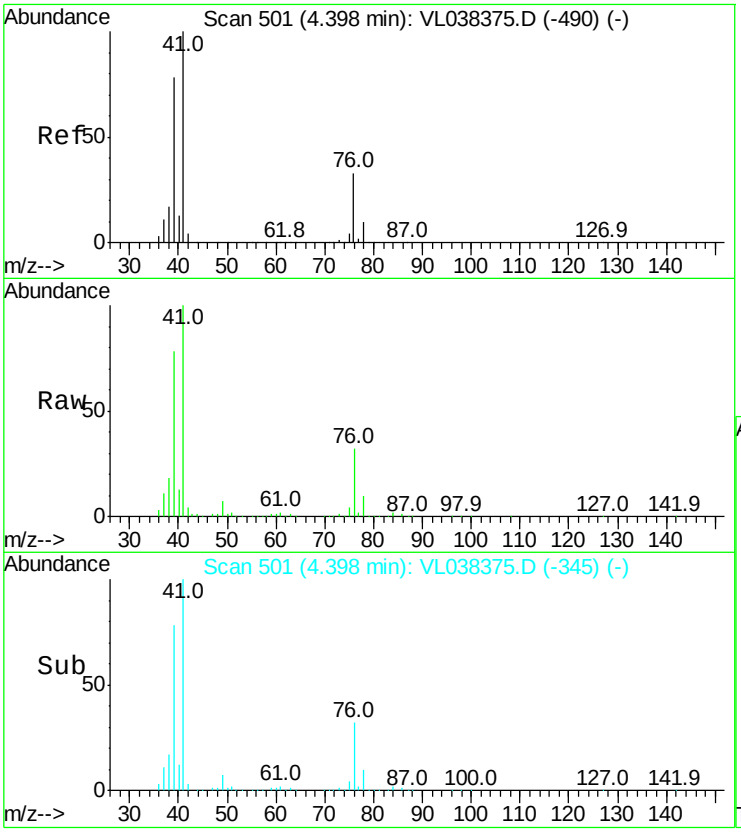




#20
Methylene Chloride
Concen: 8.84 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 84 Resp: 363116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 153.0 | 122.4 | 183.6 |
| 51 | 41.6 | 33.3 | 49.9 |
| 86 | 63.4 | 50.7 | 76.1 |



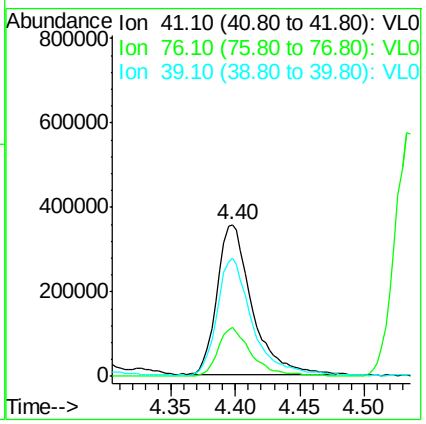


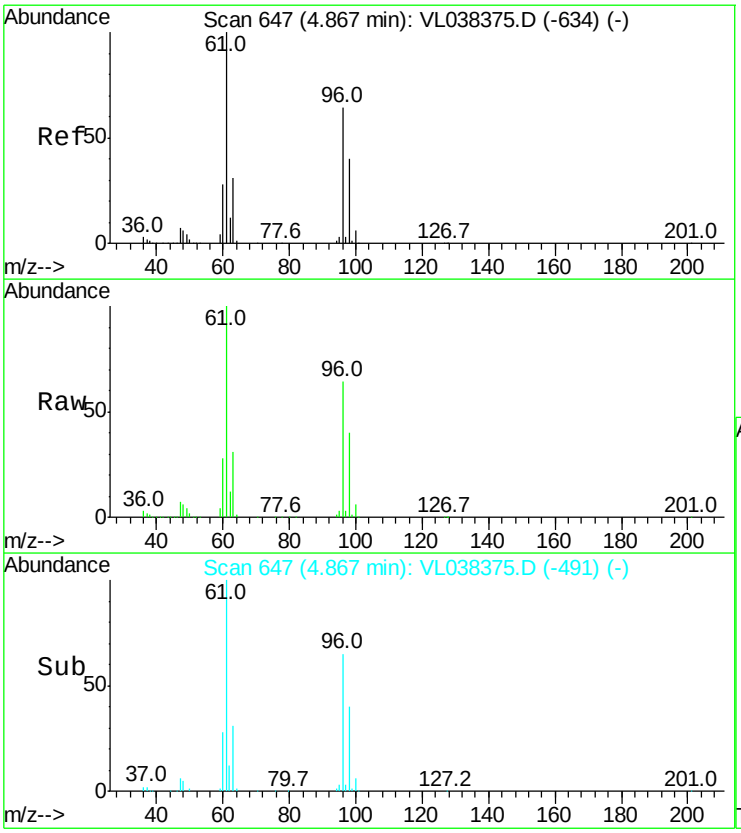

#21
Allyl Chloride
Concen: 9.52 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 41 Resp: 666489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 31.6 | 25.4 | 38.0 |
| 39 | 79.4 | 63.0 | 94.6 |

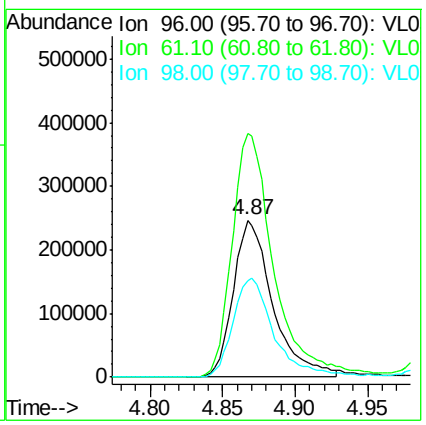


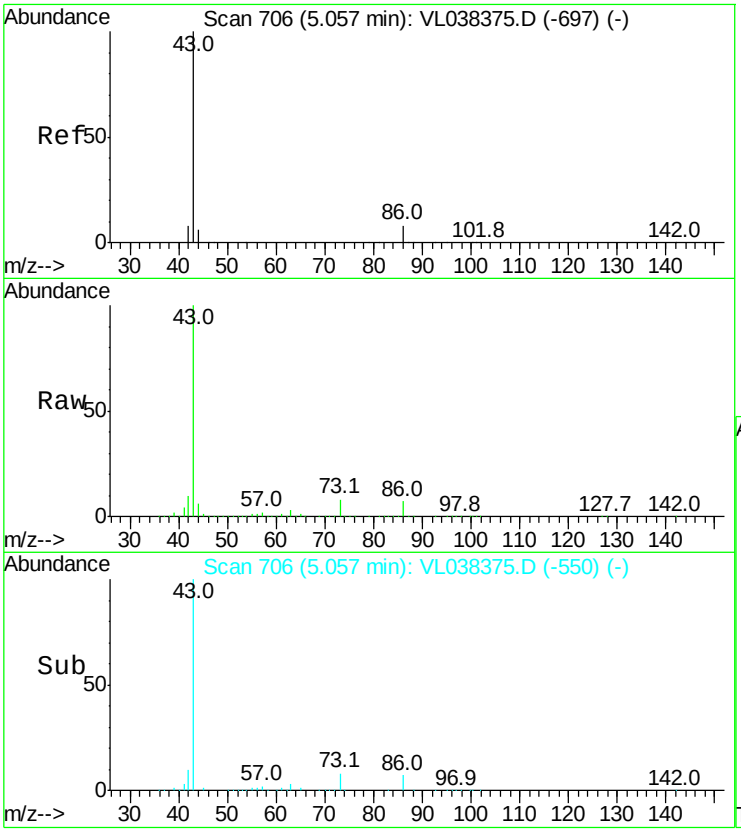




#22
trans-1,2-Dichloroethene
Concen: 9.74 ppbv
RT: 4.87 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 96 Resp: 467630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 155.3 | 124.2 | 186.4 |
| 98 | 61.4 | 49.1 | 73.7 |



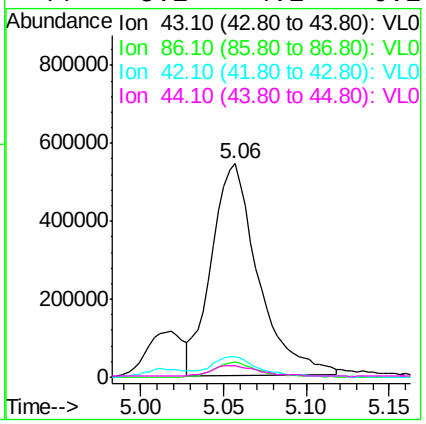


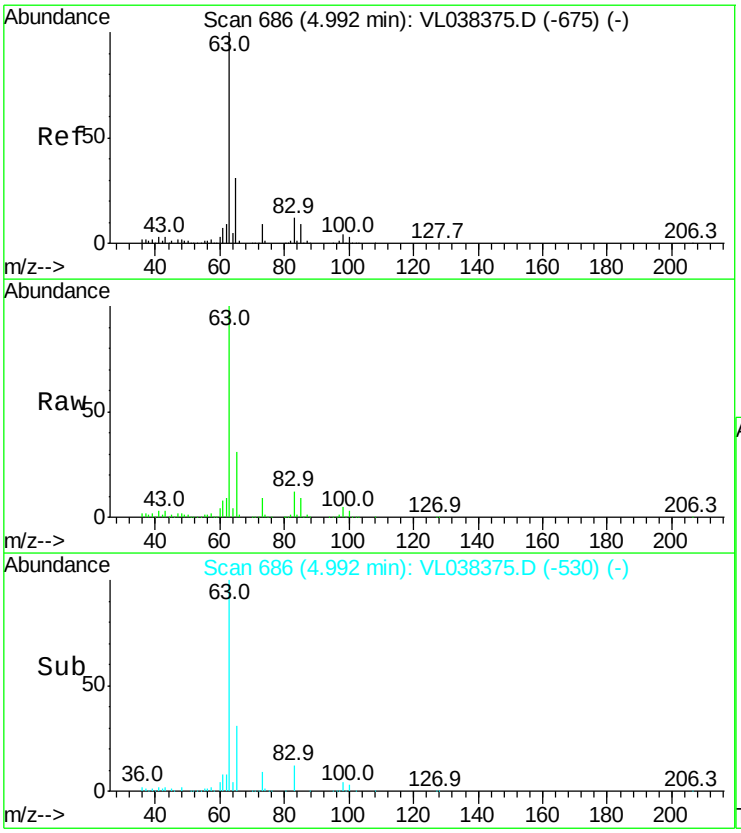

#23
Vinyl Acetate
Concen: 9.68 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 43 Resp: 1063018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.2 | 5.8 | 8.6 |
| 42 | 9.2 | 7.4 | 11.0 |
| 44 | 5.2 | 4.2 | 6.2 |

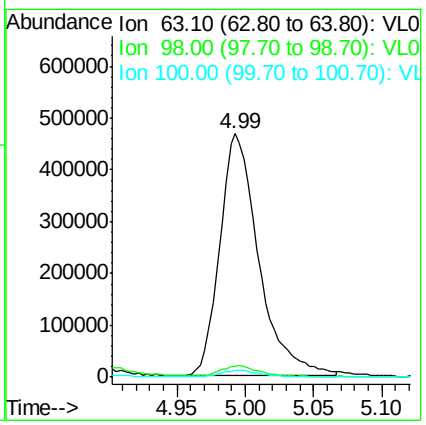


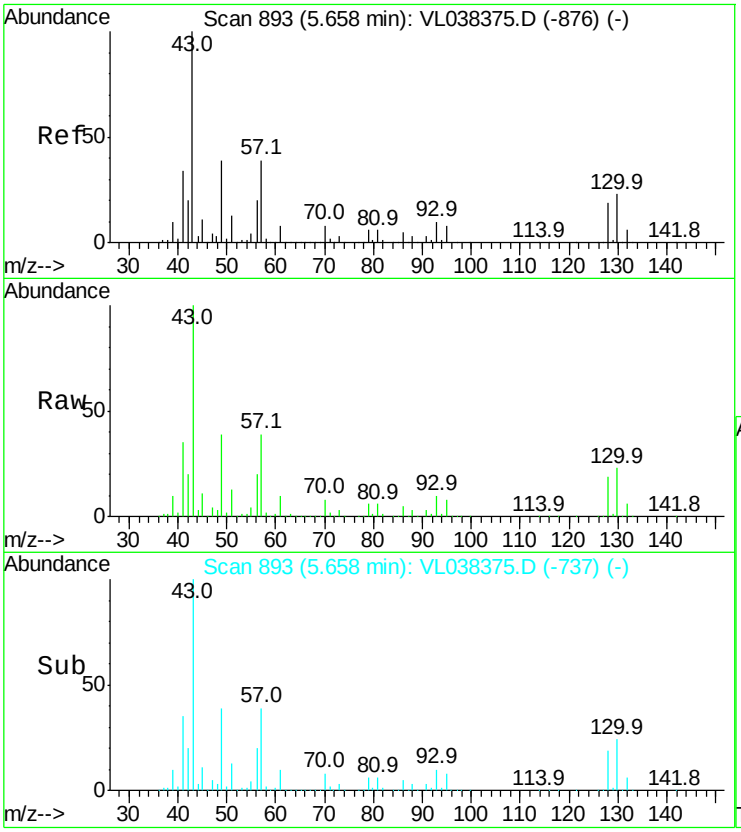




#24
1,1-Dichloroethane
Concen: 9.32 ppbv
RT: 4.99 min Scan# 686
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 63 Resp: 920606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.3 | 2.1 | 6.5 |
| 100 | 2.8 | 1.4 | 4.2 |



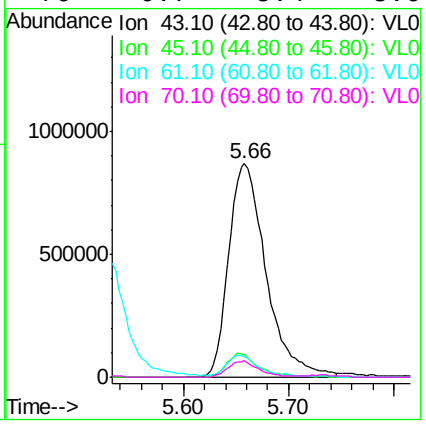


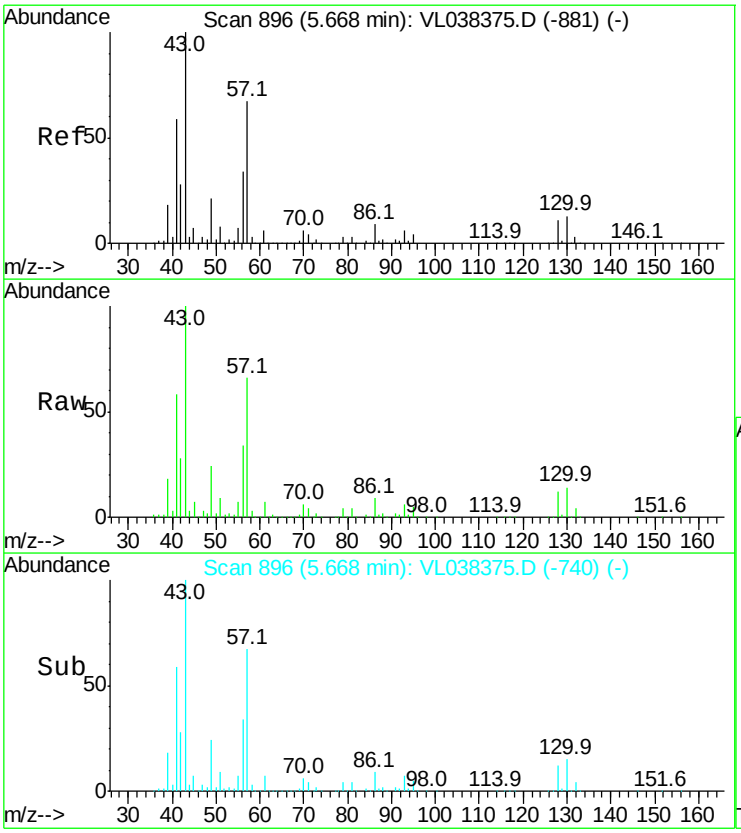

#25
Ethyl Acetate
Concen: 9.57 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 43 Resp: 2130878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.7 | 7.8 | 11.6 |
| 61 | 9.4 | 7.5 | 11.3 |
| 70 | 6.7 | 5.4 | 8.0 |

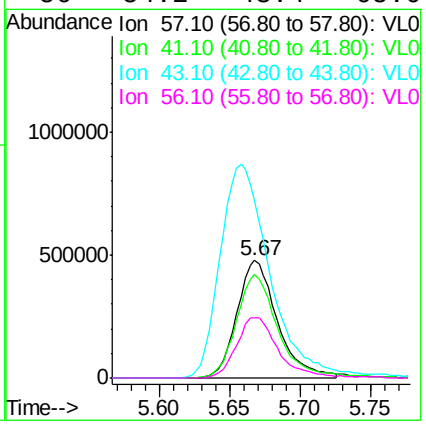


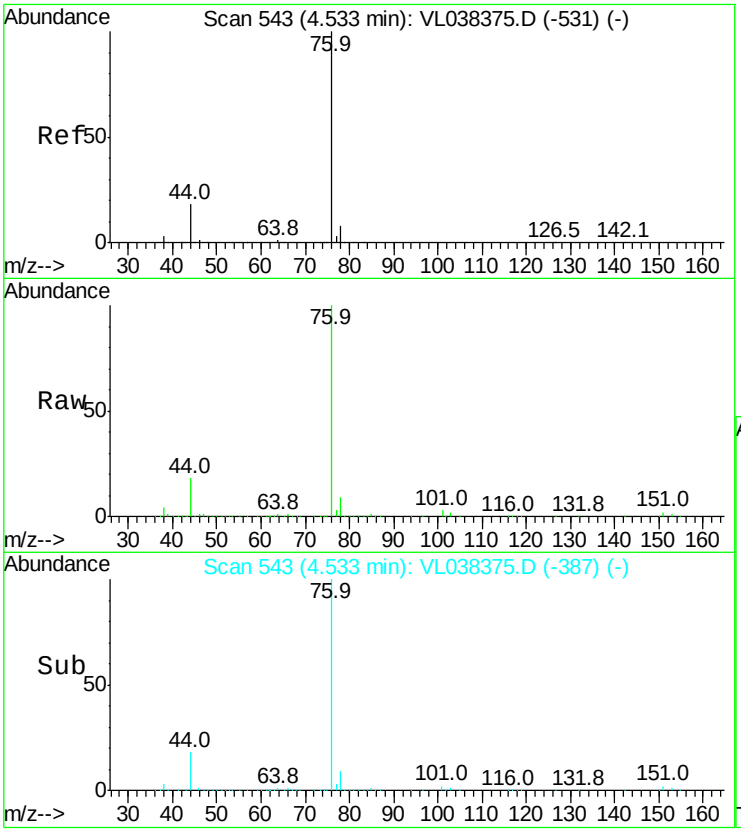




#26
Hexane
Concen: 9.50 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 57 Resp: 958399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 91.4 | 73.1 | 109.7 |
| 43 | 226.2 | 181.0 | 271.4 |
| 56 | 54.2 | 43.4 | 65.0 |



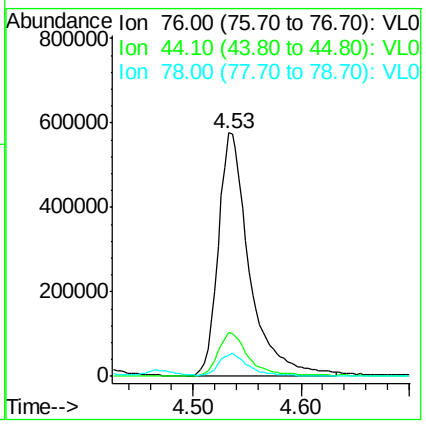


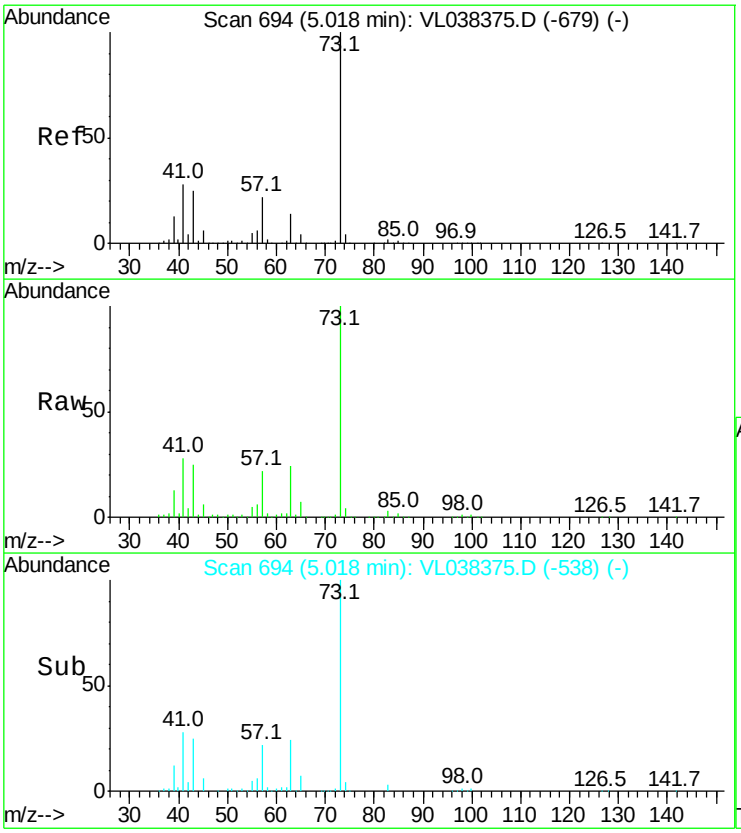

#27
Carbon Disulfide
Concen: 10.26 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 76 Resp: 1150877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 17.7 | 14.2 | 21.2 |
| 78 | 9.7 | 7.8 | 11.6 |

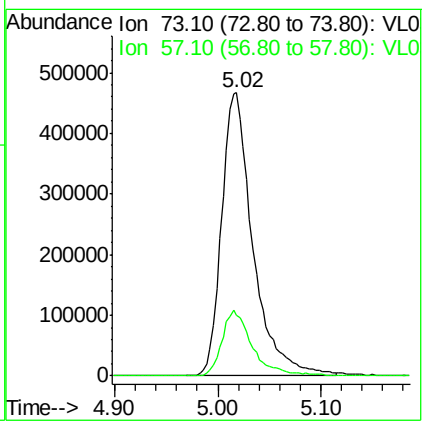


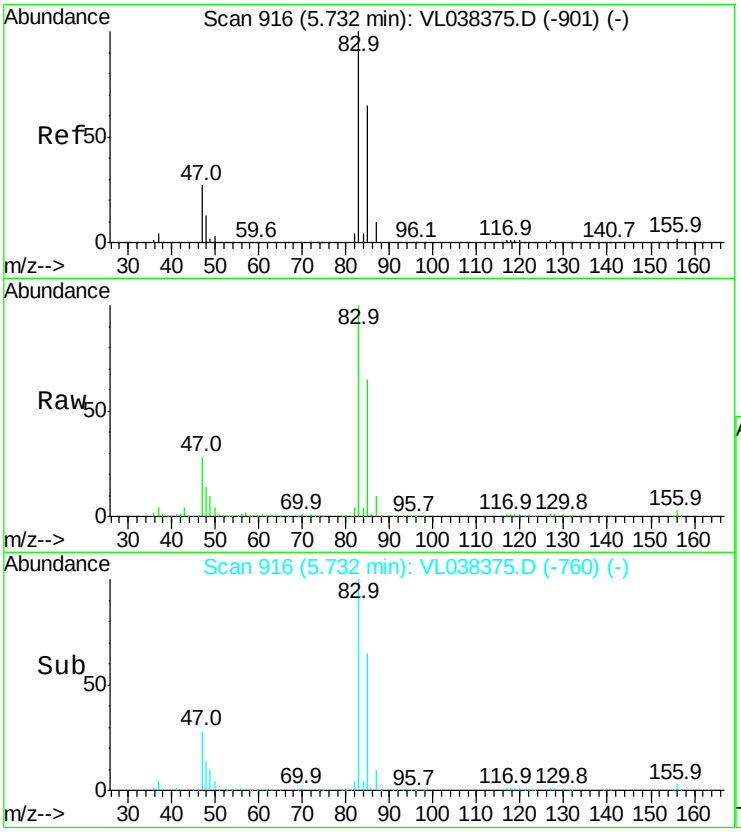




#28
Methyl tert-Butyl Ether
Concen: 9.61 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 73 Resp: 987217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.8 | 18.2 | 27.4 |



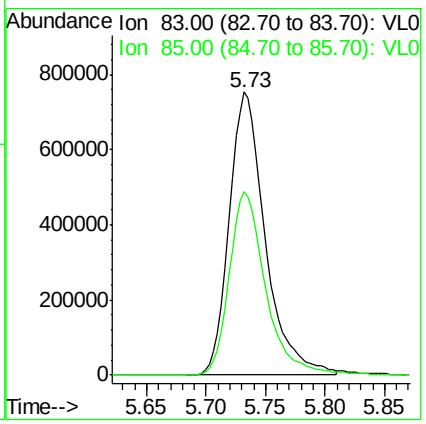


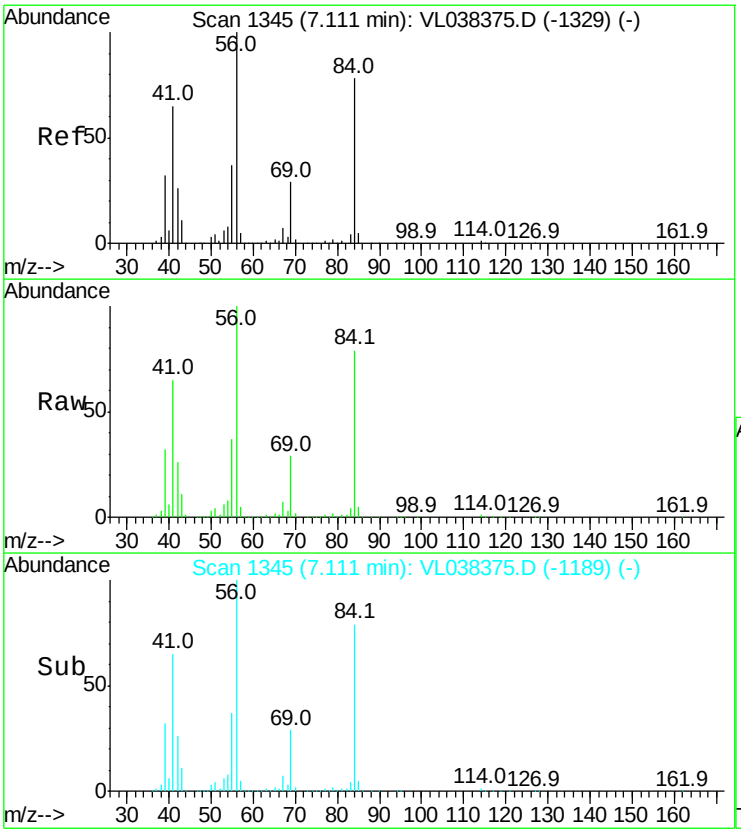

#29
Chloroform
Concen: 9.61 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 83 Resp: 1581934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 51.6 | 77.4 |

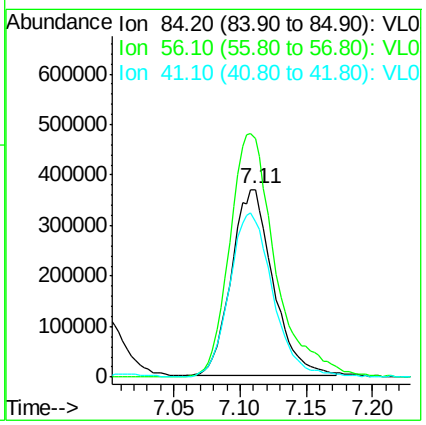


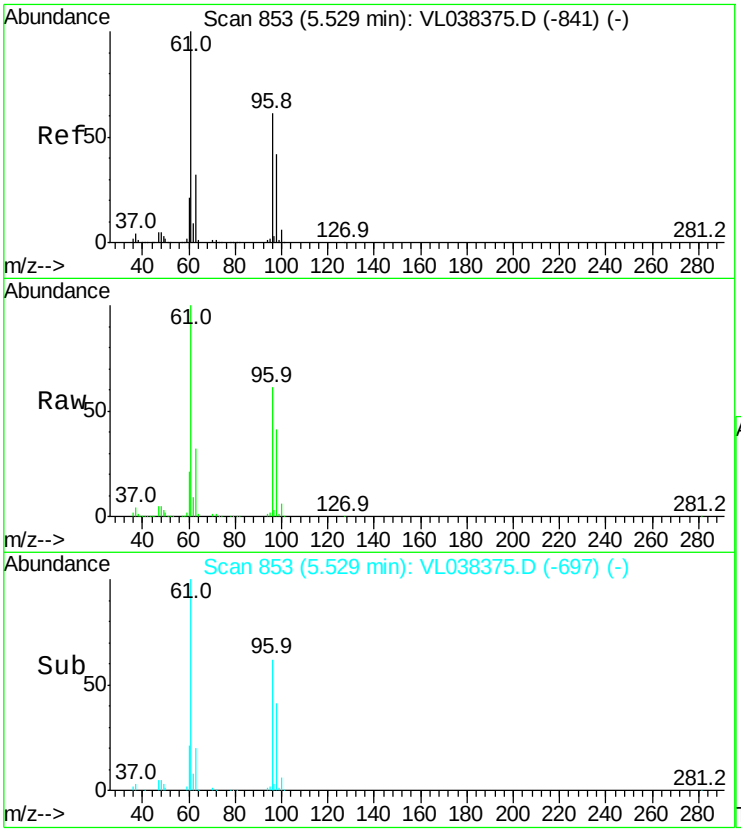




#30
Cyclohexane
Concen: 9.75 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 84 Resp: 804263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 145.3 | 116.2 | 174.4 |
| 41 | 92.7 | 74.3 | 111.5 |



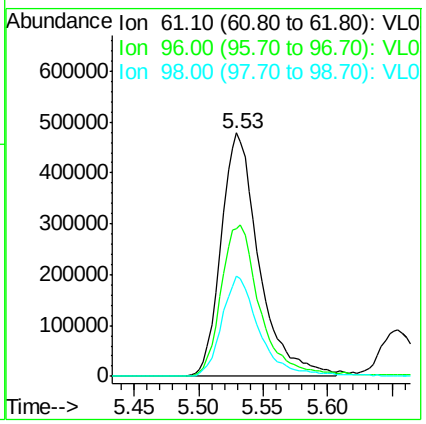


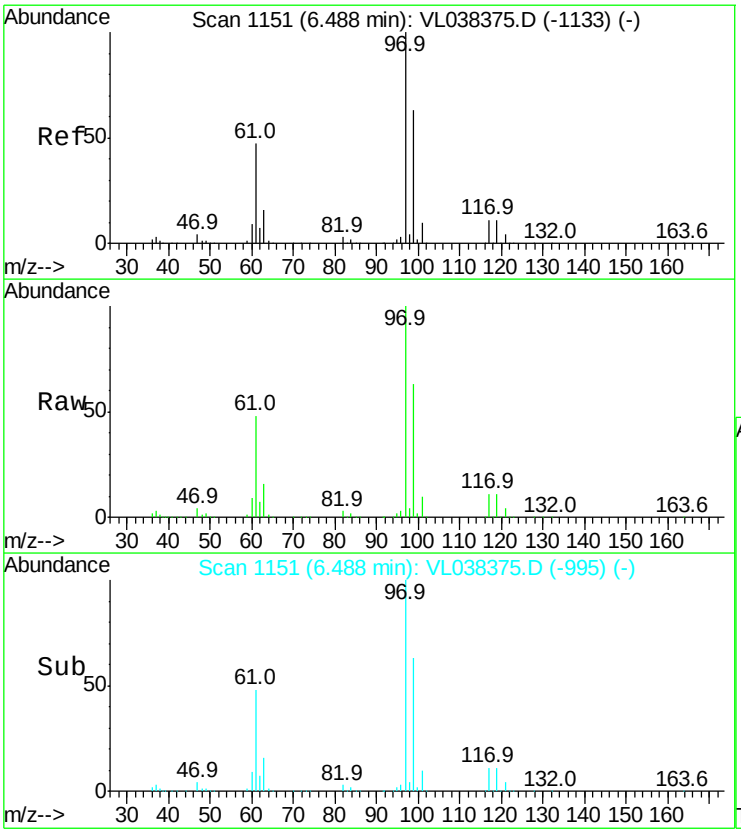

#31
cis-1,2-Dichloroethene
Concen: 9.93 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 61 Resp: 970562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 60.8 | 48.6 | 73.0 |
| 98 | 41.5 | 33.2 | 49.8 |

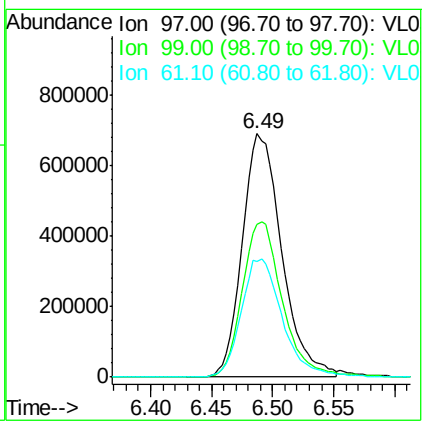


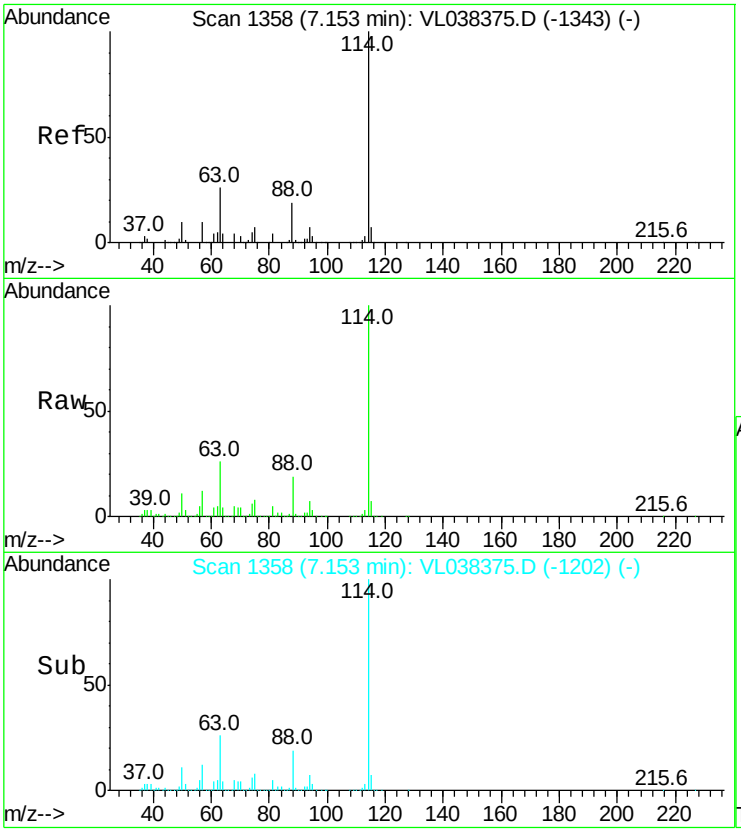




#32
1,1,1-Trichloroethane
Concen: 9.35 ppbv
RT: 6.49 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 97 Resp: 1548660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.9 | 51.9 | 77.9 |
| 61 | 50.7 | 40.5 | 60.7 |



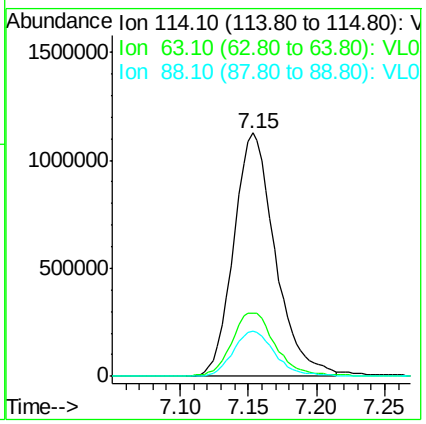


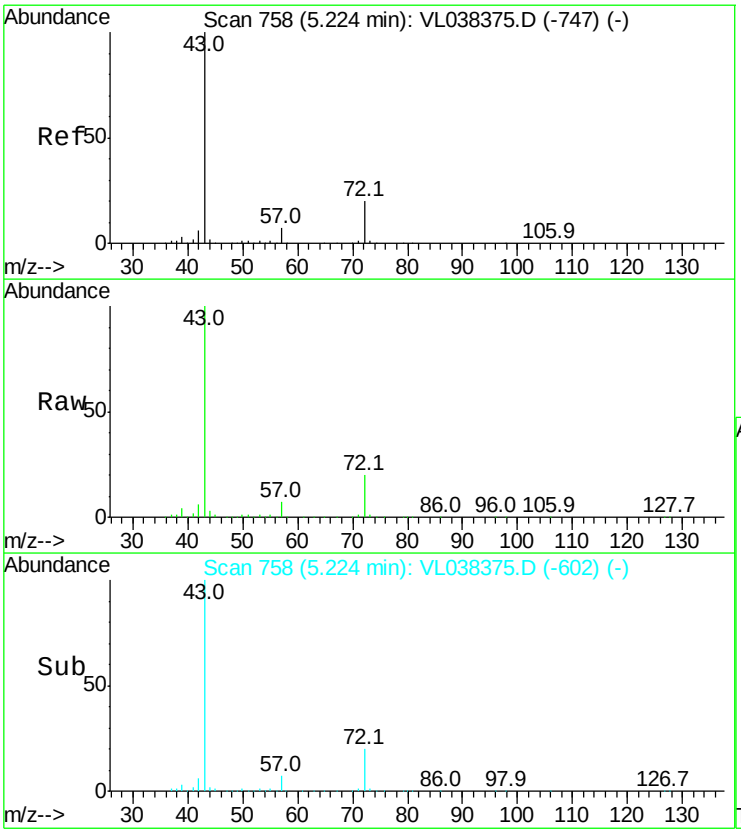

#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:114 Resp: 2383011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 28.0 | 22.2 | 33.2 |
| 88 | 19.0 | 15.2 | 22.8 |

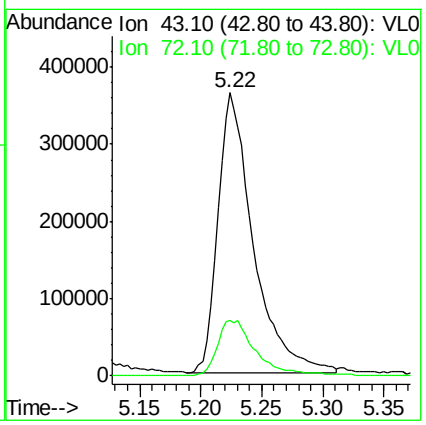


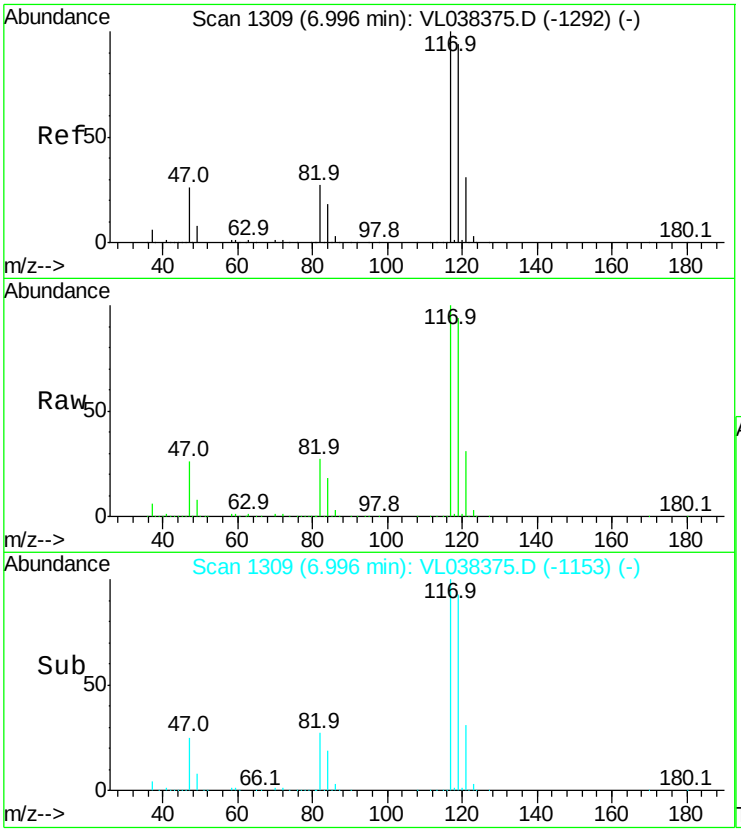




#34
2-Butanone
Concen: 9.83 ppbv
RT: 5.22 min Scan# 758
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 43 Resp: 736935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.9 | 17.4 | 26.2 |



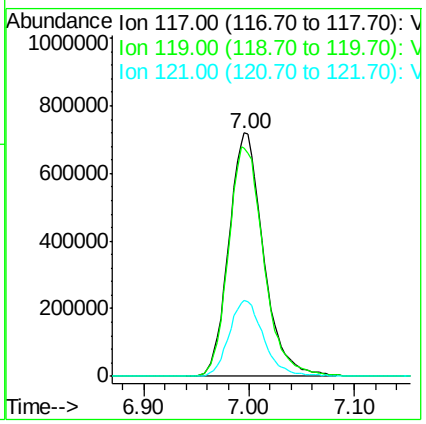


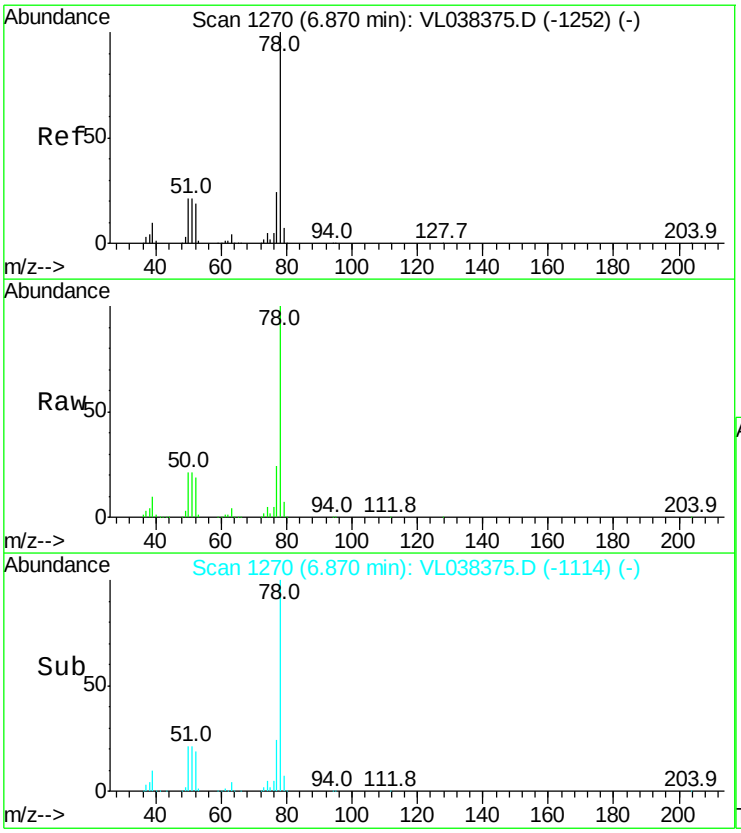

#35
Carbon Tetrachloride
Concen: 9.77 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:117 Resp: 1636906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.6 | 74.9 | 112.3 |
| 121 | 31.0 | 24.8 | 37.2 |

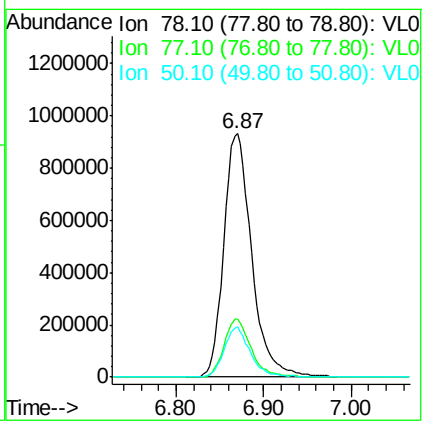


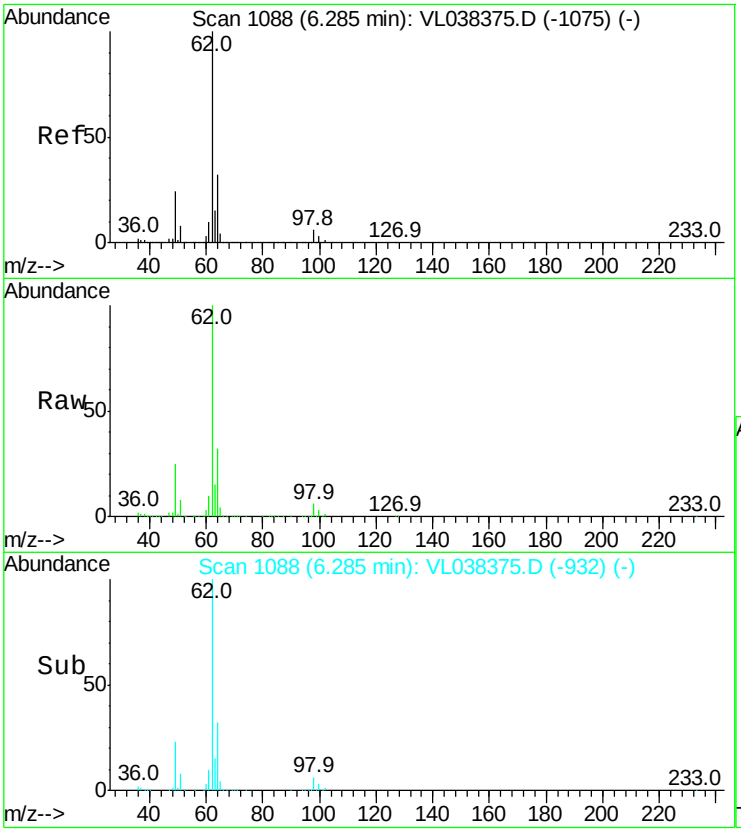




#36
Benzene
Concen: 9.84 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 78 Resp: 2064946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.8 | 19.0 | 28.6 |
| 50 | 20.7 | 16.6 | 24.8 |



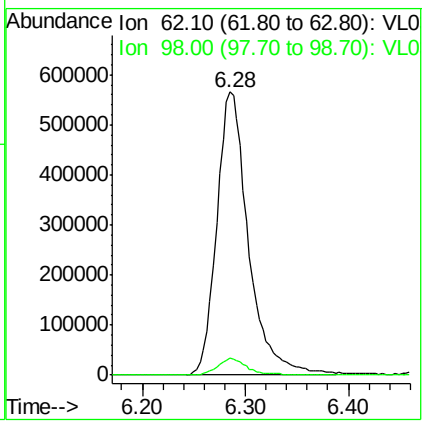


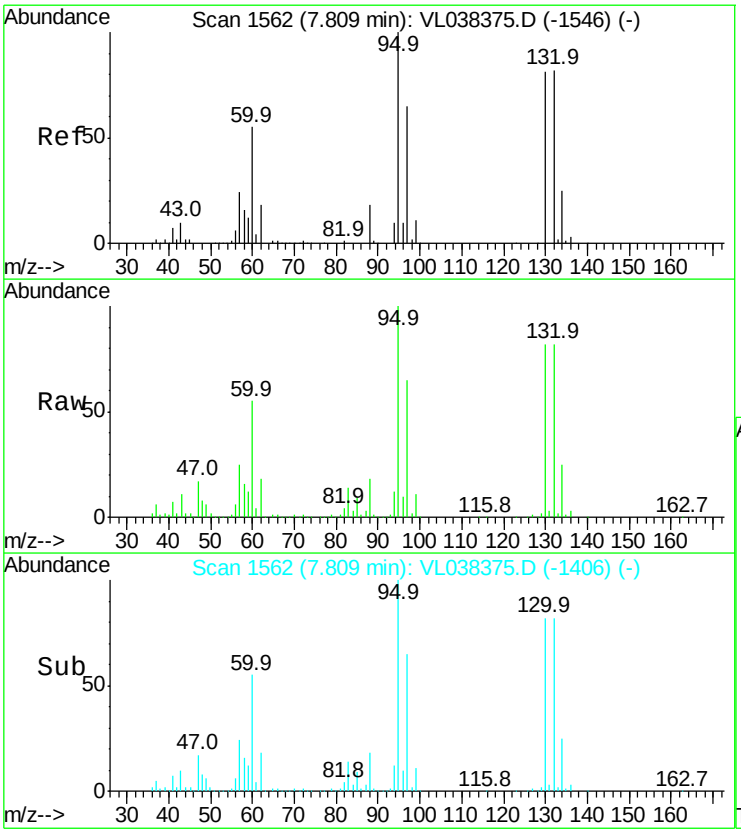

#37
1,2-Dichloroethane
Concen: 9.99 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 62 Resp: 1210673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.8 | 4.6 | 7.0 |

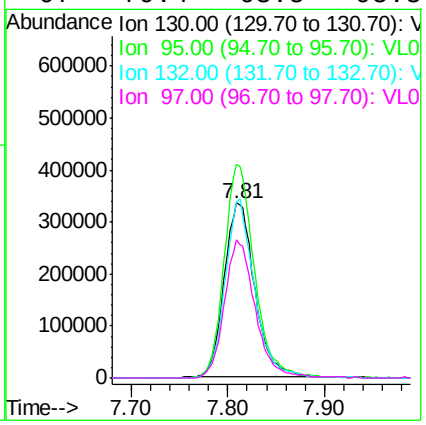


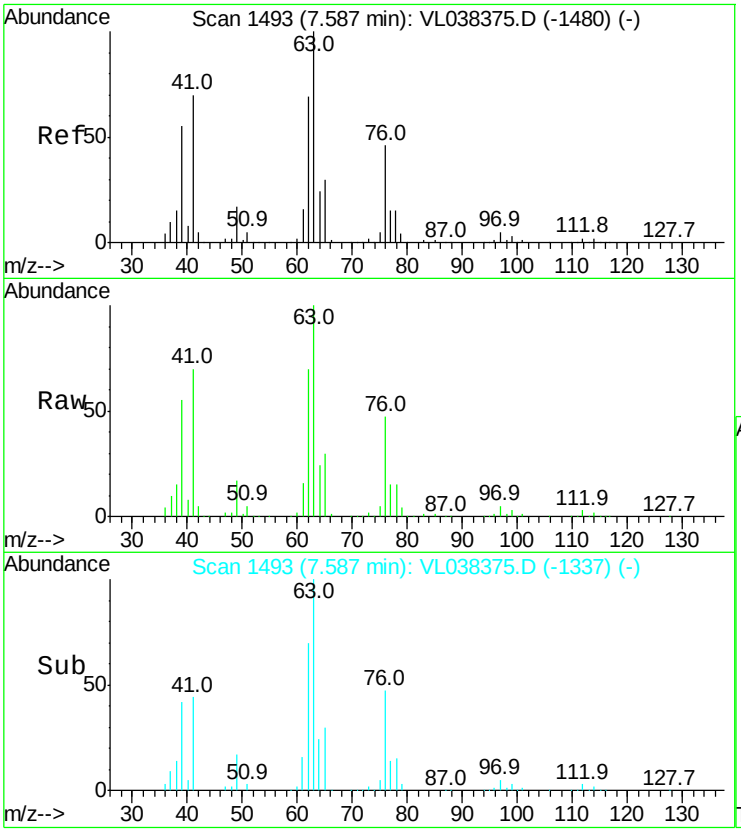




#38
Trichloroethene
Concen: 9.61 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:130 Resp: 734331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 122.6 | 98.1 | 147.1 |
| 132 | 100.4 | 80.3 | 120.5 |
| 97 | 79.4 | 63.5 | 95.3 |



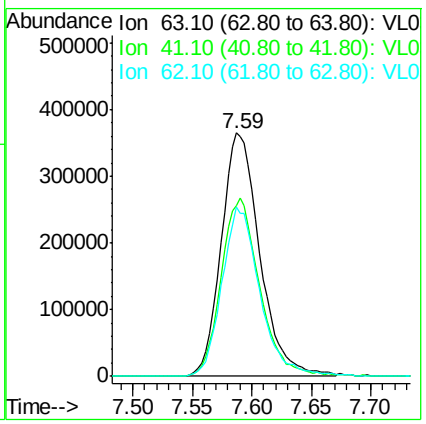


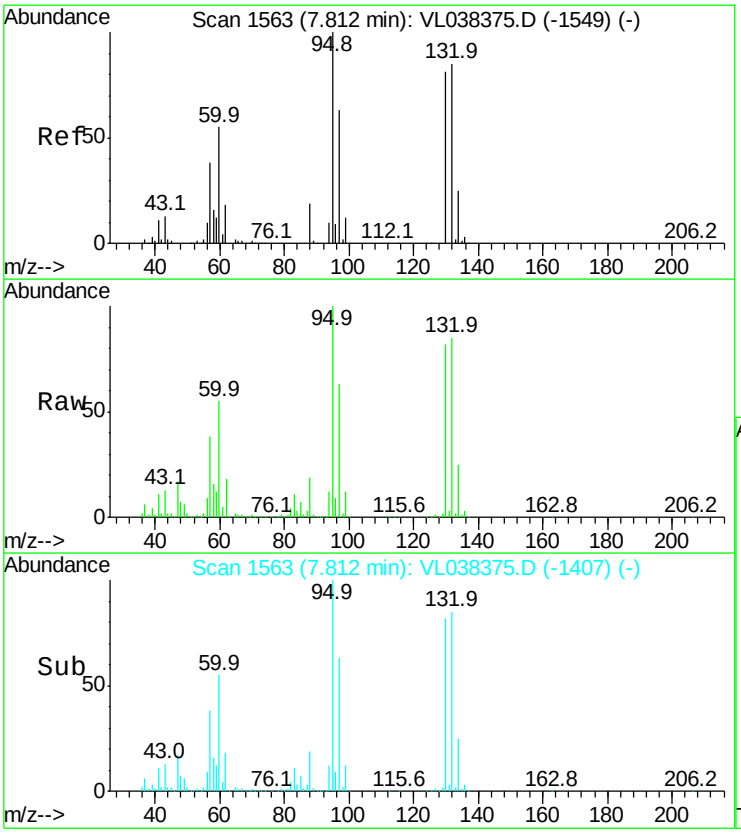

#39
1,2-Dichloropropane
Concen: 9.71 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 63 Resp: 811044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 70.1 | 56.1 | 84.1 |
| 62 | 69.4 | 55.5 | 83.3 |

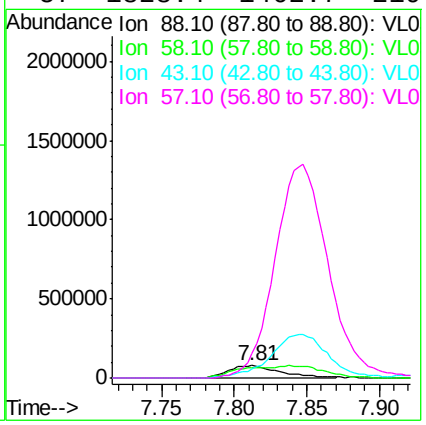


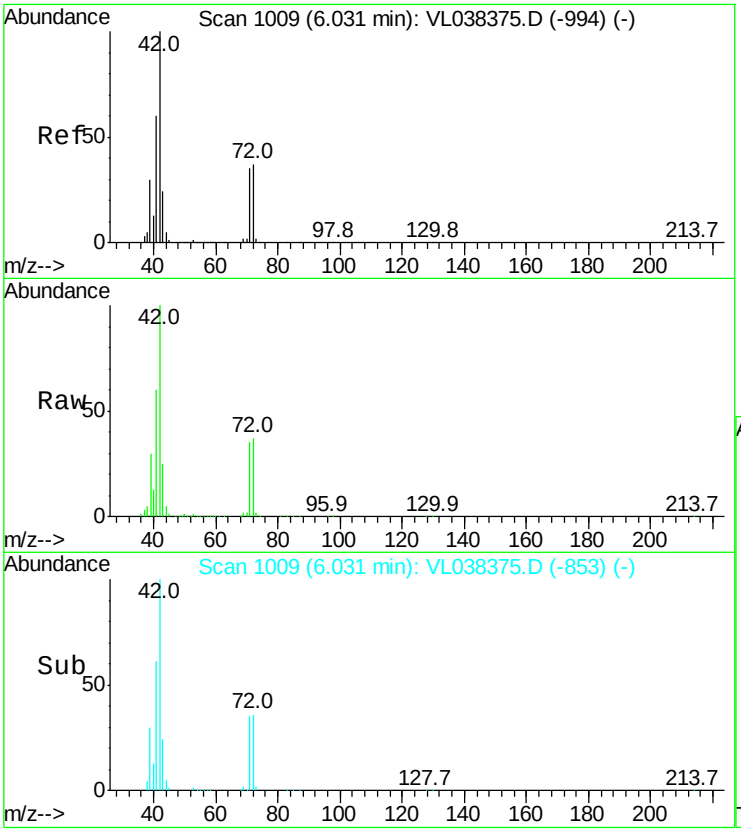




#40
1,4-Dioxane
Concen: 9.60 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 88 Resp: 190224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 166.5 | 133.2 | 199.8 |
| 43 | 413.3 | 330.6 | 496.0 |
| 57 | 1828.4 | 1462.7 | 2194.1 |



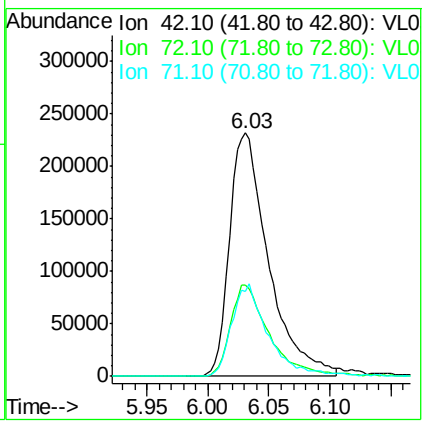


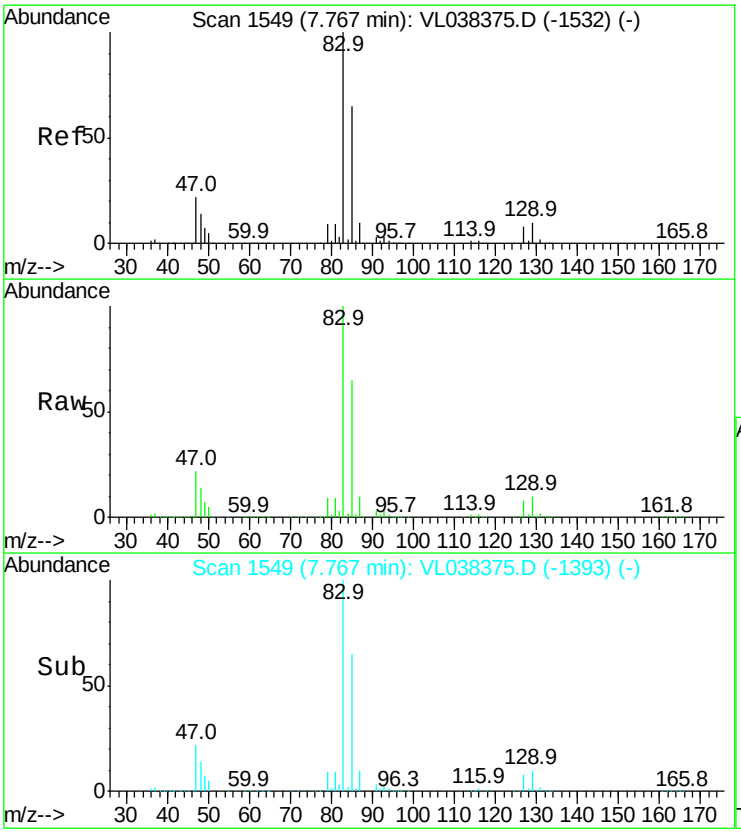

#41
Tetrahydrofuran
Concen: 10.16 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 42 Resp: 514515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 37.5 | 29.9 | 44.9 |
| 71 | 35.9 | 28.6 | 42.8 |

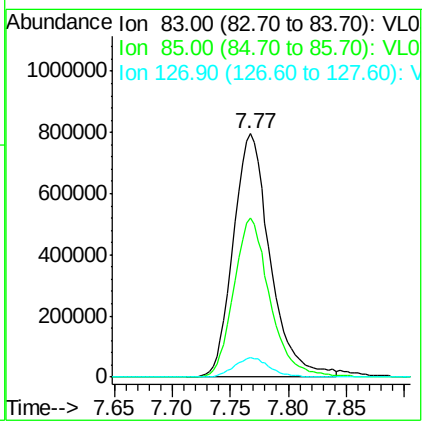


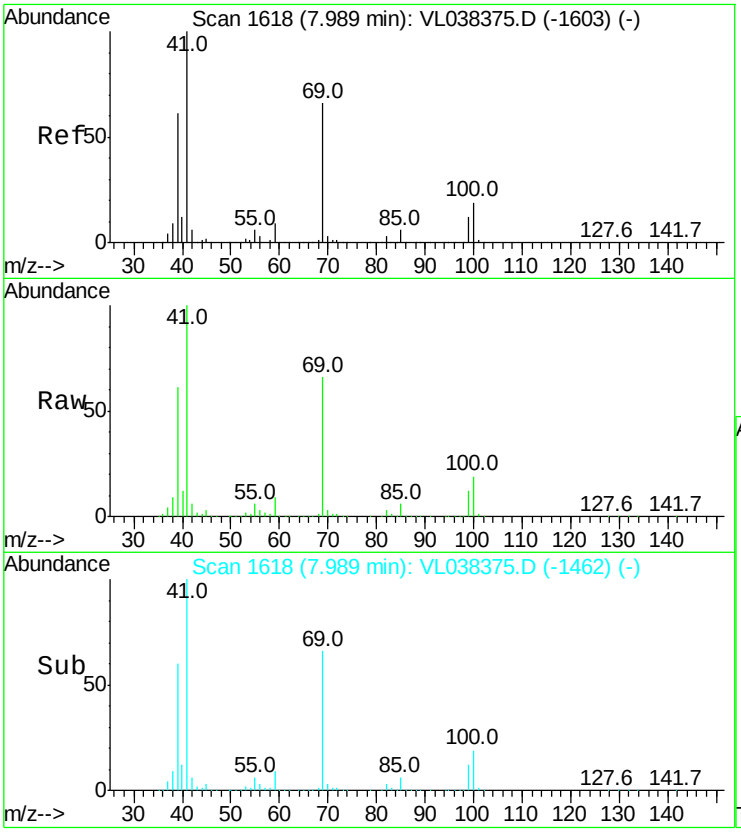




#42
Bromodichloromethane
Concen: 10.04 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 83 Resp: 1756783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.3 | 52.2 | 78.4 |
| 127 | 7.8 | 6.2 | 9.4 |



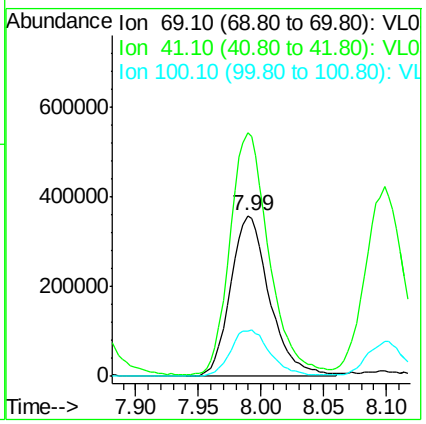


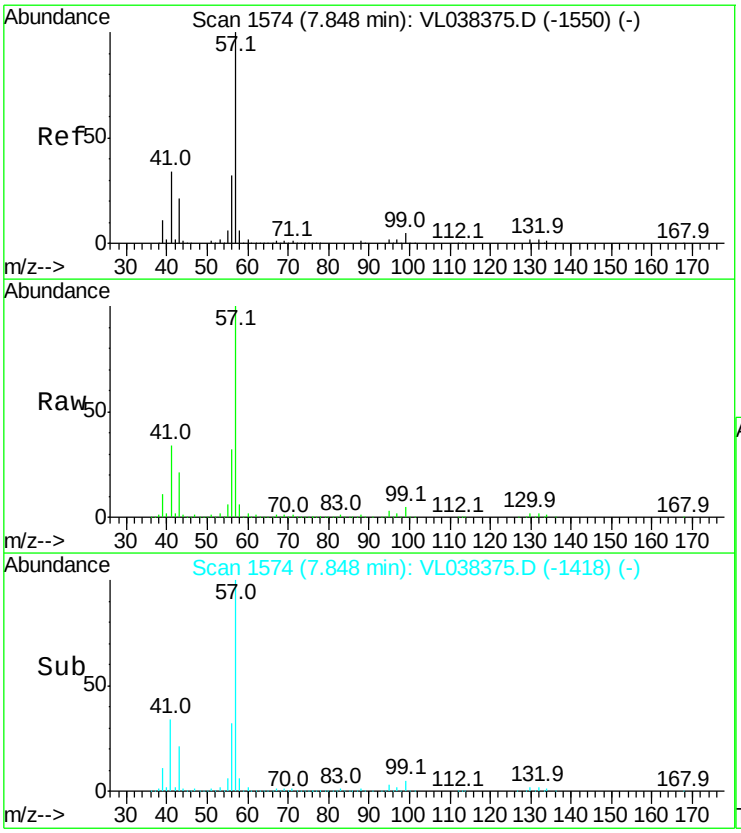

#43
Methyl Methacrylate
Concen: 10.58 ppbv
RT: 7.99
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 69 Resp: 771723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 153.6 | 122.9 | 184.3 |
| 100 | 29.5 | 23.6 | 35.4 |

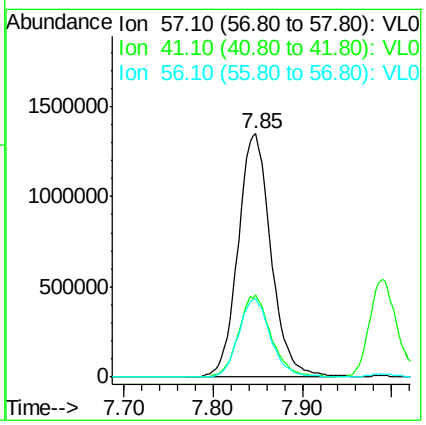


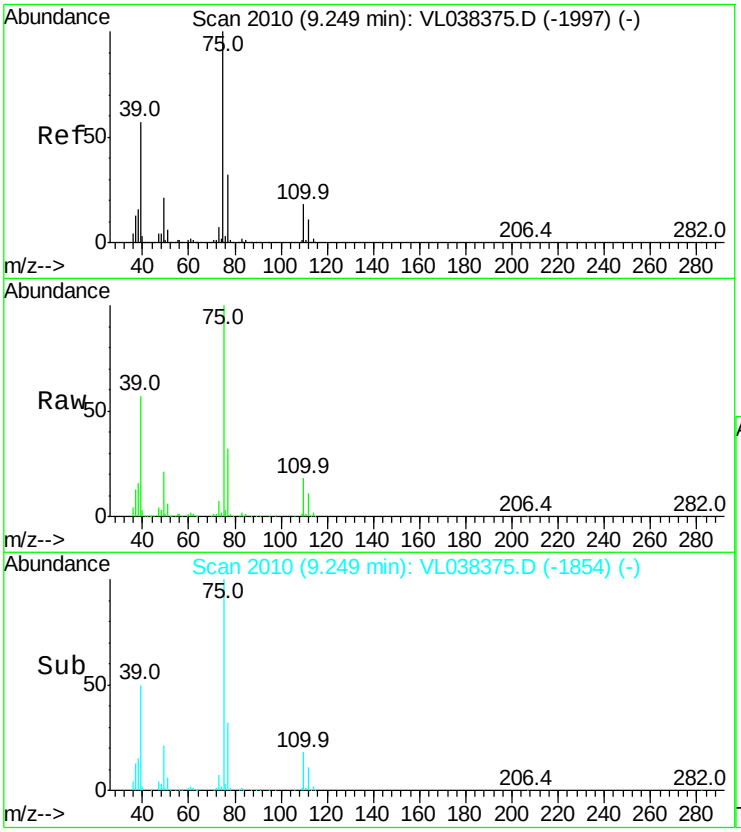




#44
2,2,4-Trimethylpentane
Concen: 9.62 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 57 Resp: 3468940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 33.2 | 26.6 | 39.8 |
| 56 | 31.3 | 25.0 | 37.6 |



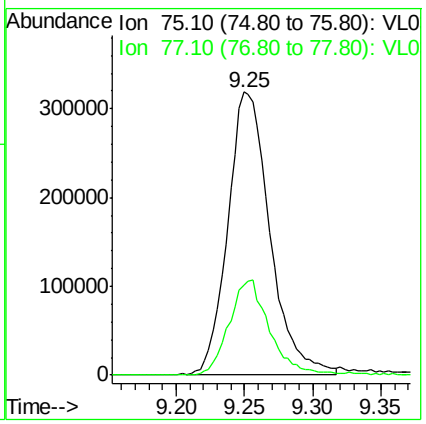


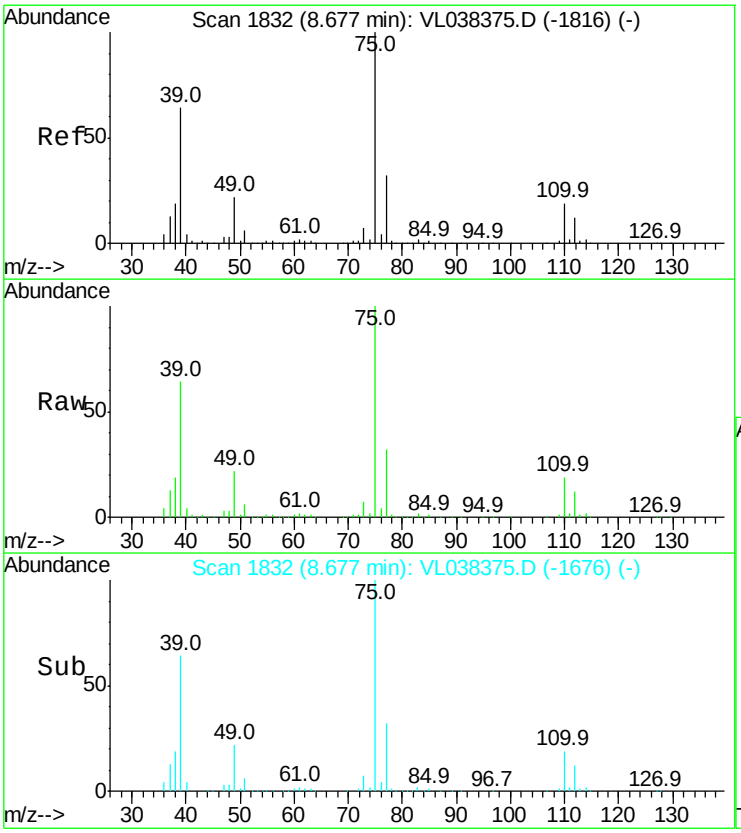

#45
t-1,3-Dichloropropene
Concen: 11.65 ppbv
RT: 9.25
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 75 Resp: 678862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 25.4 | 38.0 |

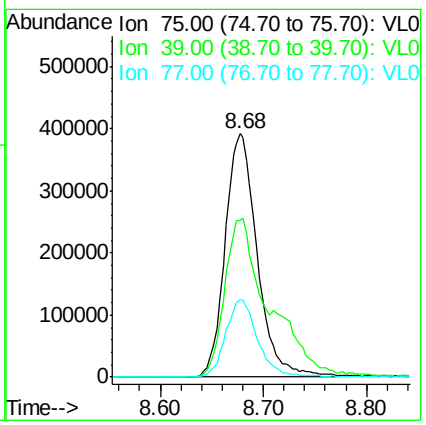


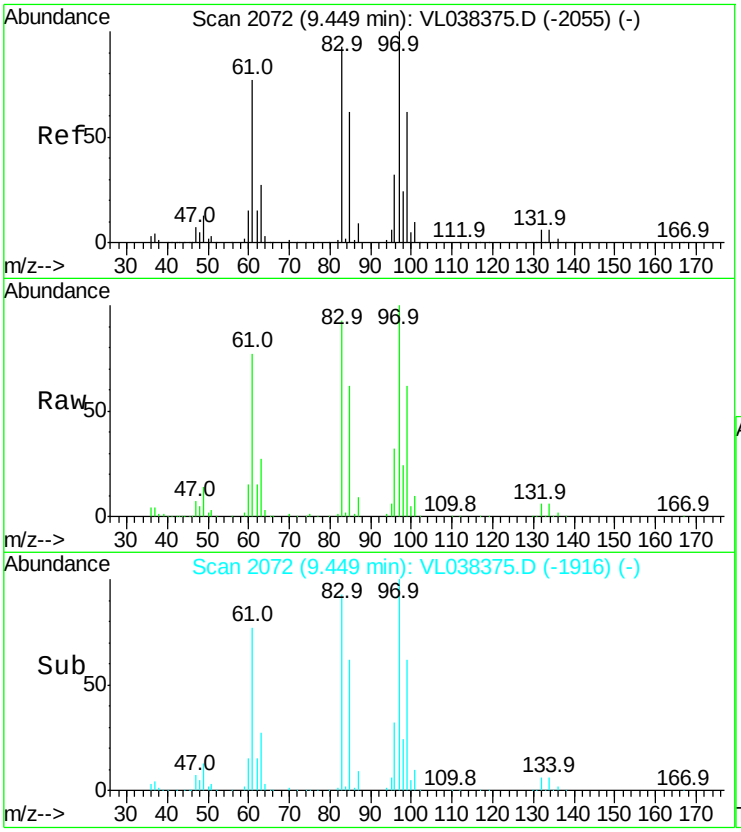




#46
cis-1,3-Dichloropropene
Concen: 11.12 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 75 Resp: 849778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 64.3 | 51.4 | 77.2 |
| 77 | 31.8 | 25.4 | 38.2 |



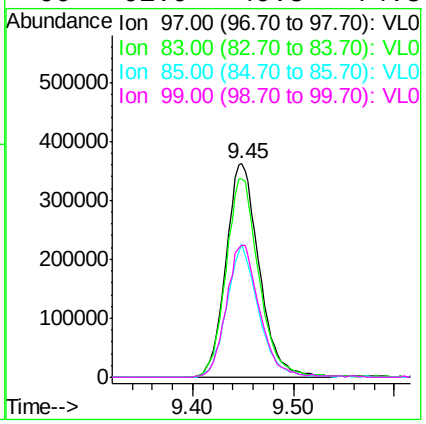


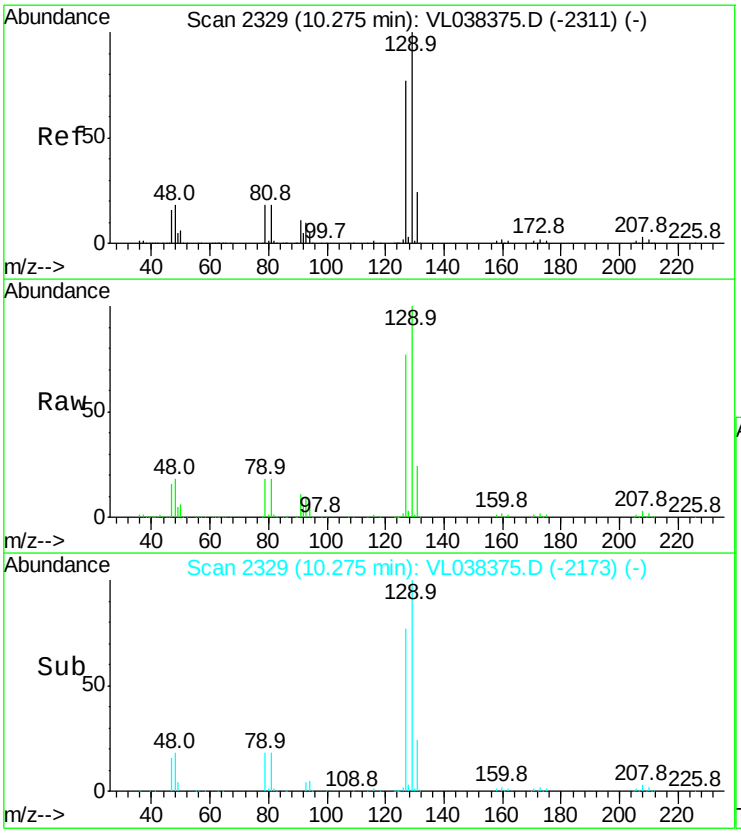

#47
1,1,2-Trichloroethane
Concen: 9.98 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 97 Resp: 829880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 92.8 | 74.2 | 111.4 |
| 85 | 62.3 | 49.8 | 74.8 |
| 99 | 61.9 | 49.5 | 74.3 |

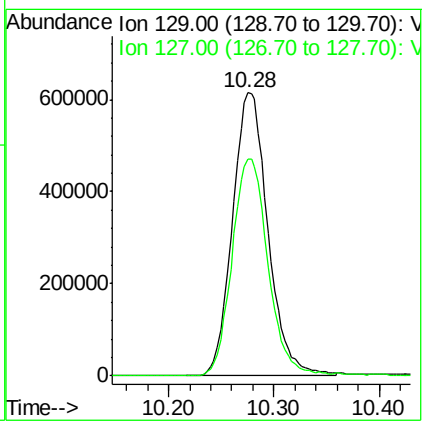


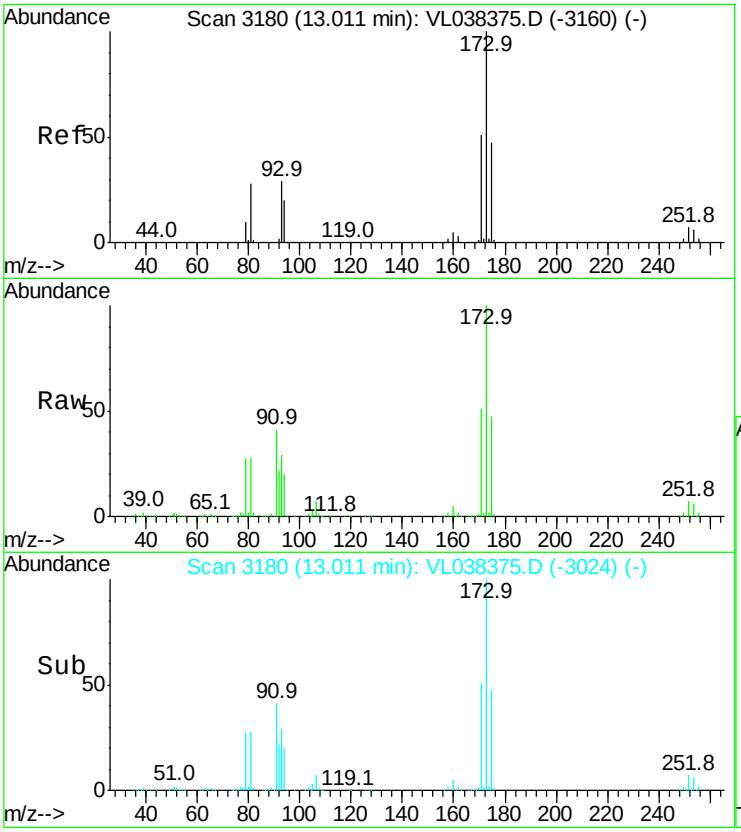




#48
Dibromochloromethane
Concen: 10.58 ppbv
RT: 10.28 min Scan# 2329
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:129 Resp: 1438473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.7 | 39.4 | 118.1 |



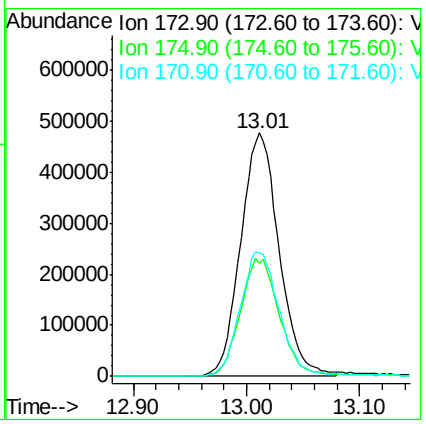


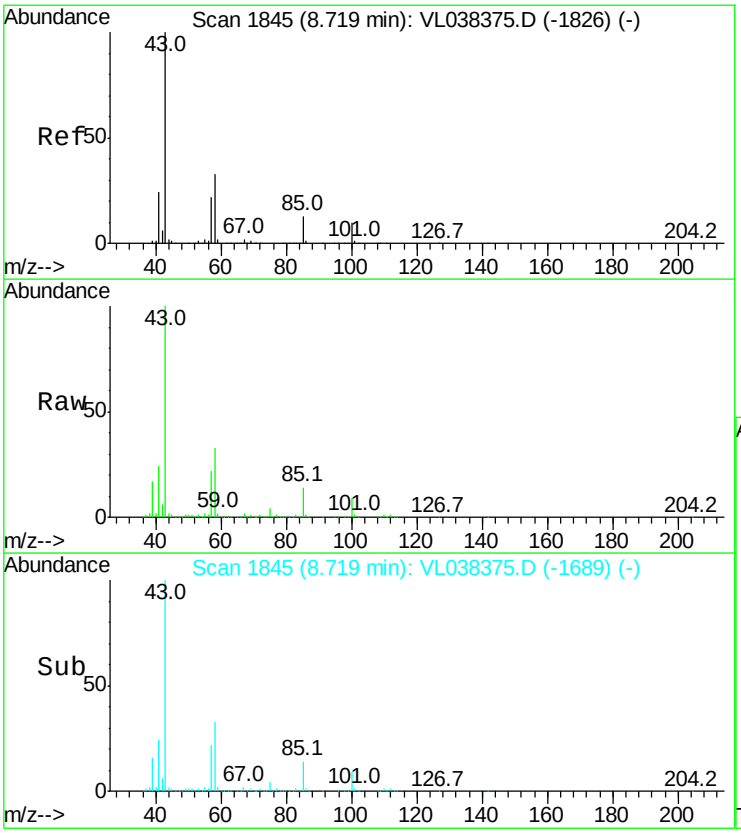

#49
Bromoform
Concen: 11.22 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:173 Resp: 1125745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.2 | 40.2 | 60.2 |
| 171 | 53.4 | 42.7 | 64.1 |

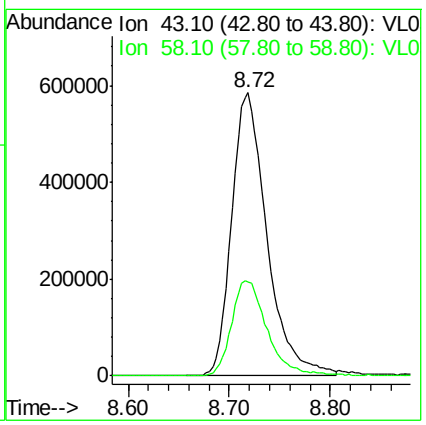


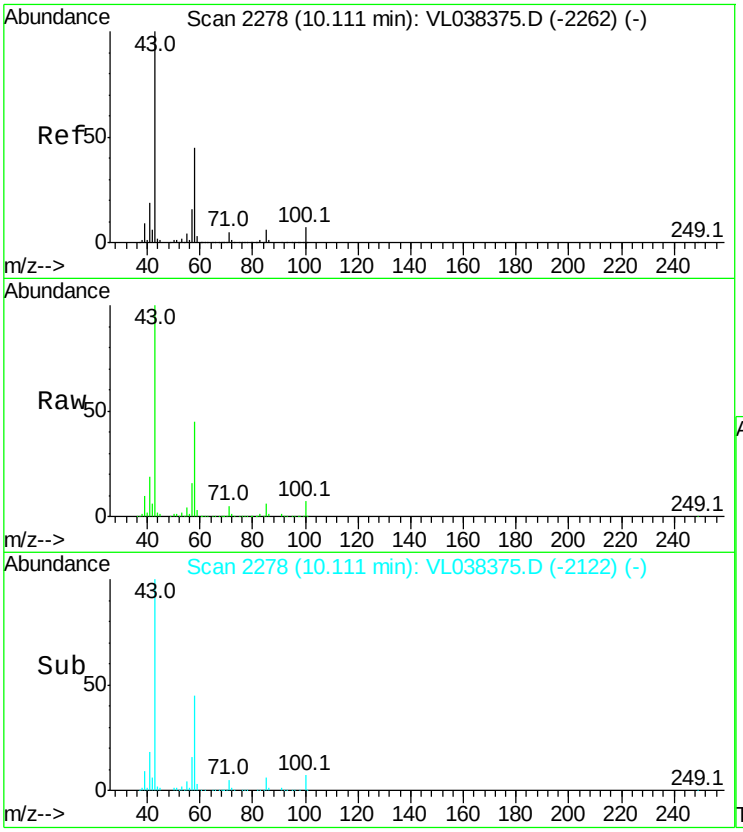




#50
4-Methyl-2-Pentanone
Concen: 10.72 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 43 Resp: 1420309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.5 | 27.7 | 41.5 |



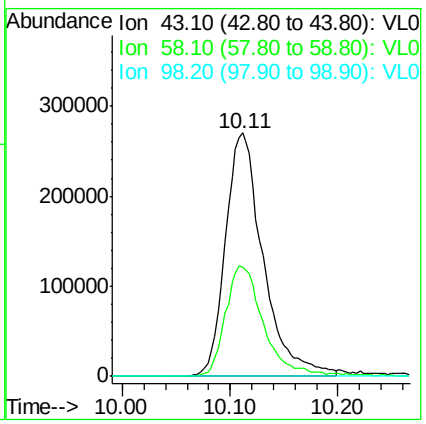


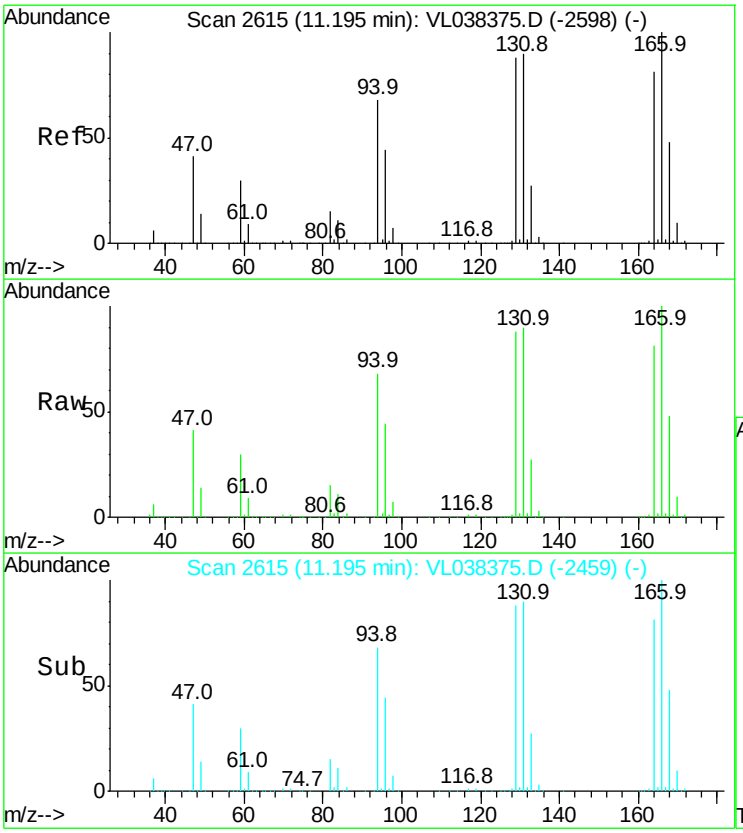

#51
2-Hexanone
Concen: 11.08 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 43 Resp: 657590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.5 | 37.4 | 56.0 |
| 98 | 0.4 | 0.1 | 0.1# |

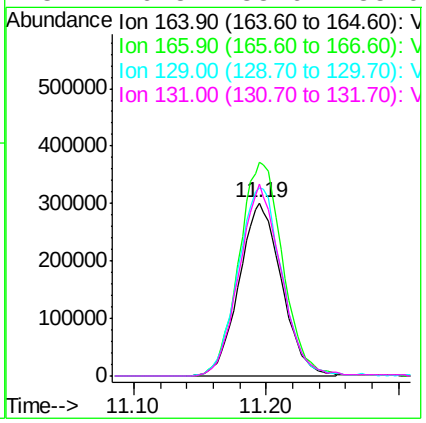


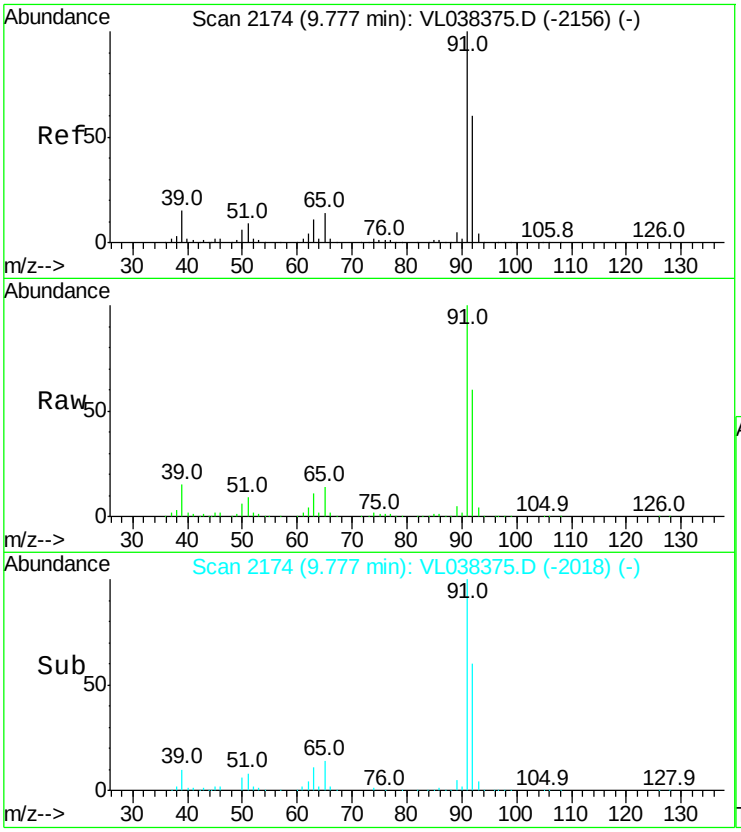




#52
Tetrachloroethene
Concen: 9.58 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:164 Resp: 667391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 123.3 | 98.6 | 148.0 |
| 129 | 108.6 | 86.9 | 130.3 |
| 131 | 110.8 | 88.6 | 133.0 |



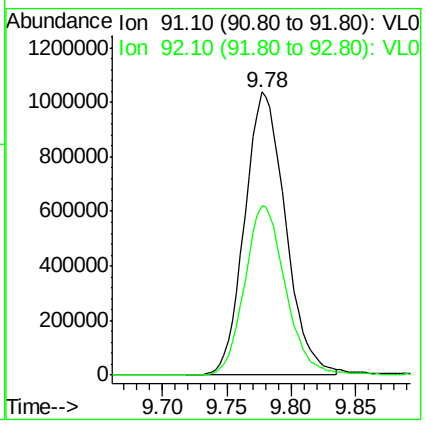


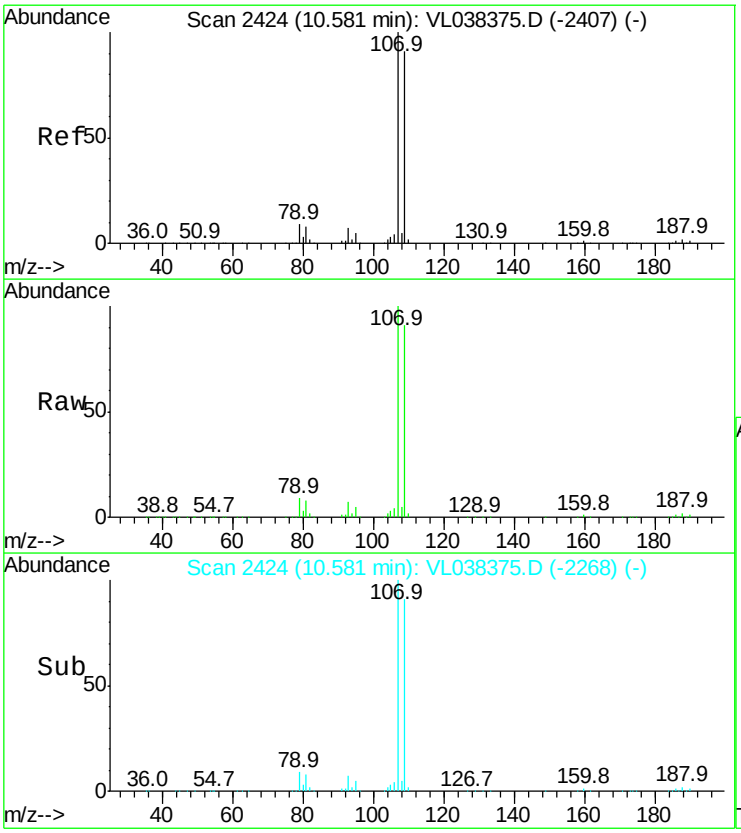

#53
Toluene
Concen: 10.04 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 91 Resp: 2286445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.7 | 48.2 | 72.4 |

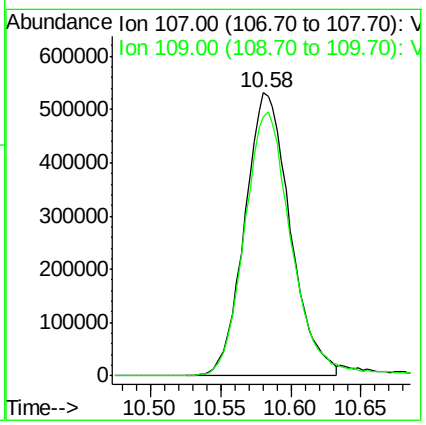


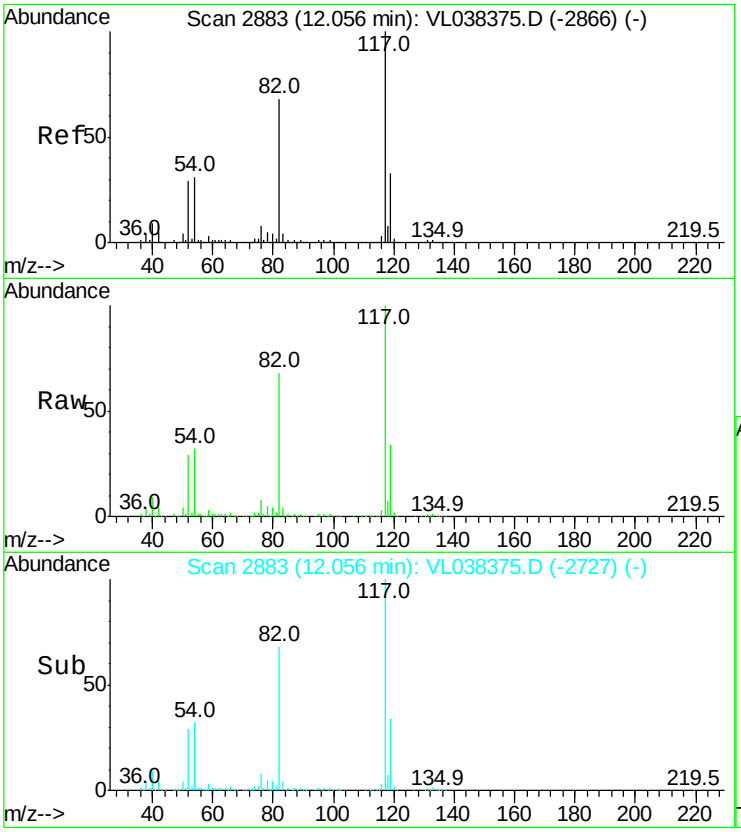




#54
1,2-Dibromoethane
Concen: 10.24 ppbv
RT: 10.58 min Scan# 2424
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:107 Resp: 1198521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 91.3 | 73.0 | 109.6 |



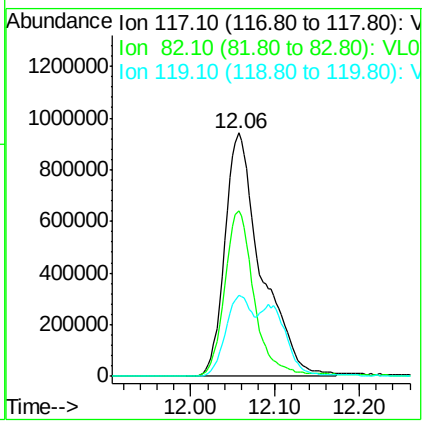


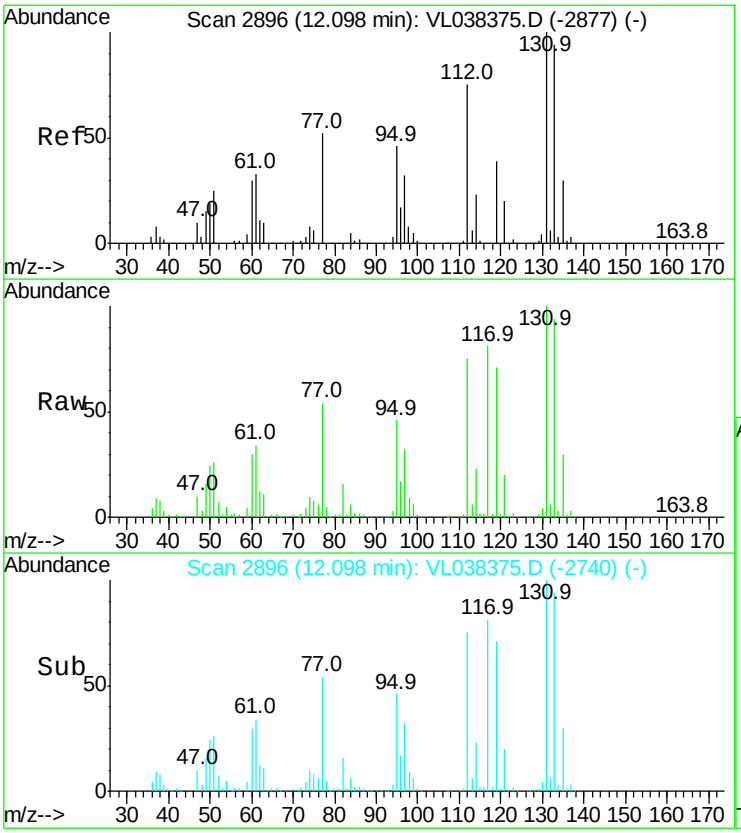

#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:117 Resp: 2827804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.7 | 54.9 | 82.3 |
| 119 | 47.6 | 46.1 | 69.1 |

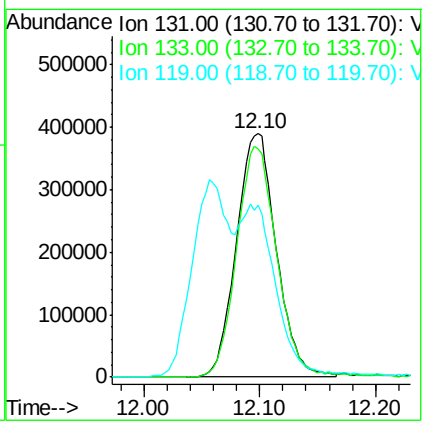


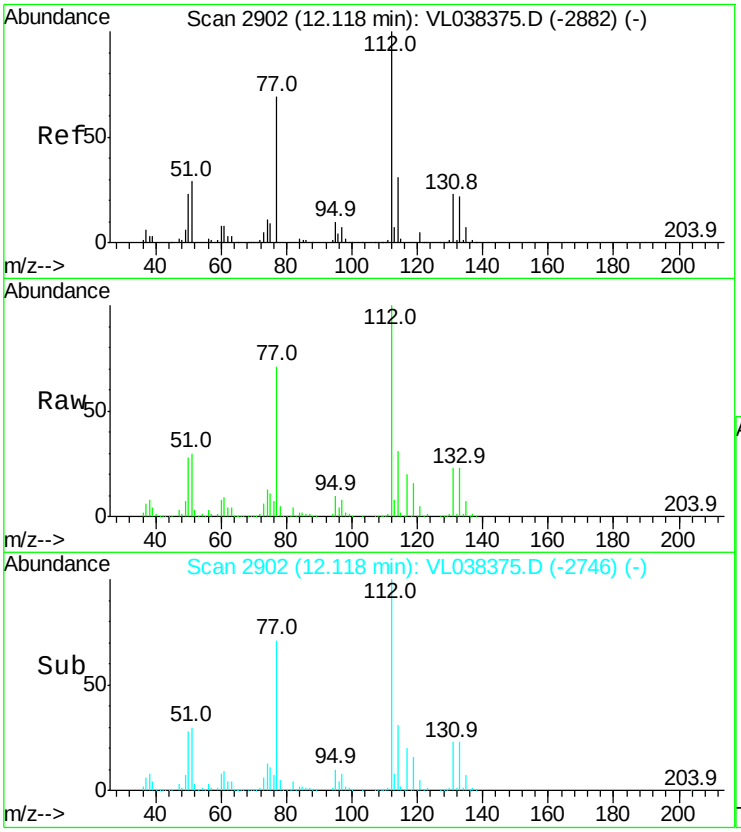




#56
1,1,1,2-Tetrachloroethane
Concen: 7.90 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:131 Resp: 931160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.5 | 77.3 | 115.9 |
| 119 | 64.0 | 48.6 | 73.0 |



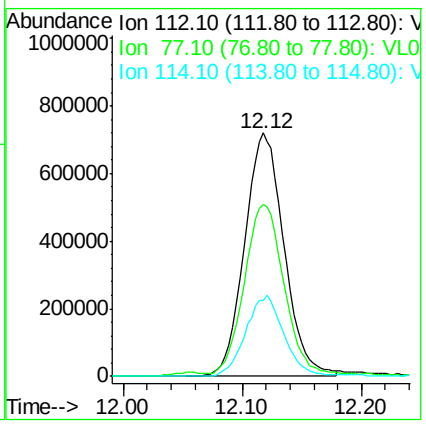


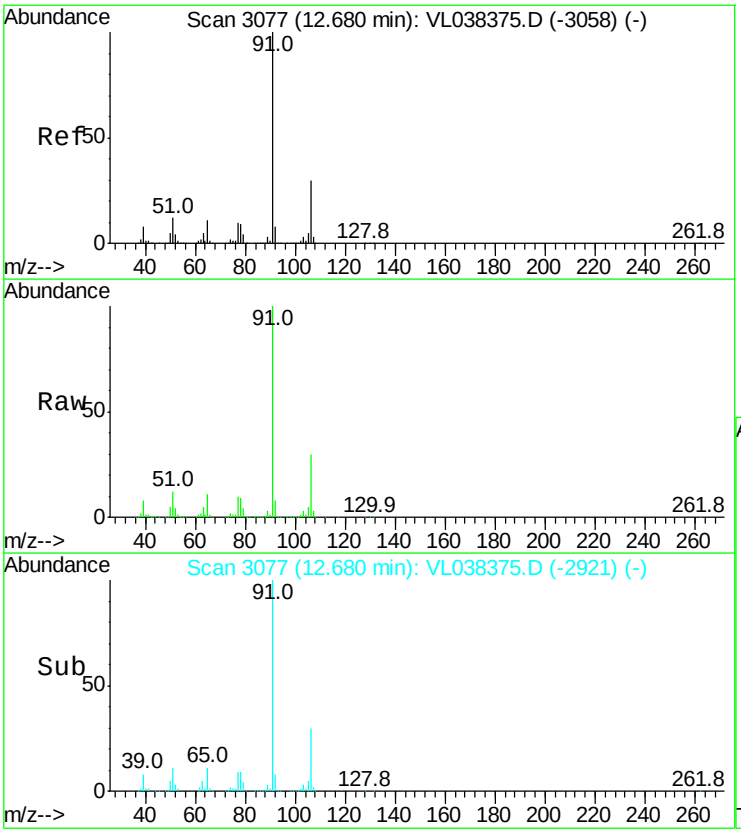

#57
Chlorobenzene
Concen: 7.57 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:112 Resp: 1651330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 69.0 | 55.2 | 82.8 |
| 114 | 31.0 | 27.9 | 34.1 |

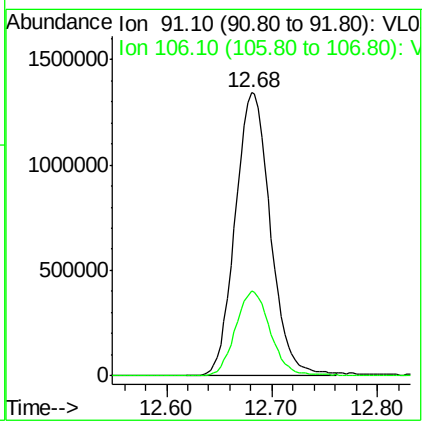


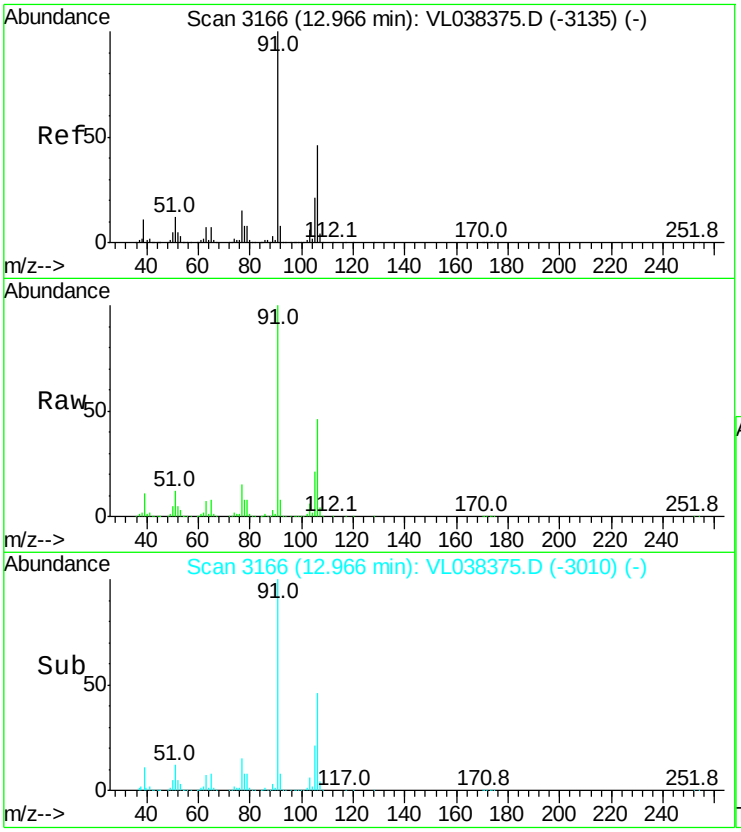




#58
Ethyl Benzene
Concen: 8.07 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 91 Resp: 3120390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.0 | 24.0 | 36.0 |



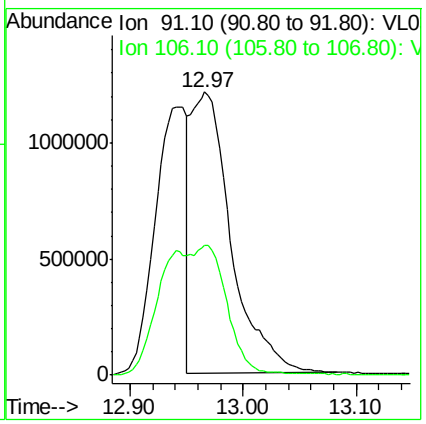


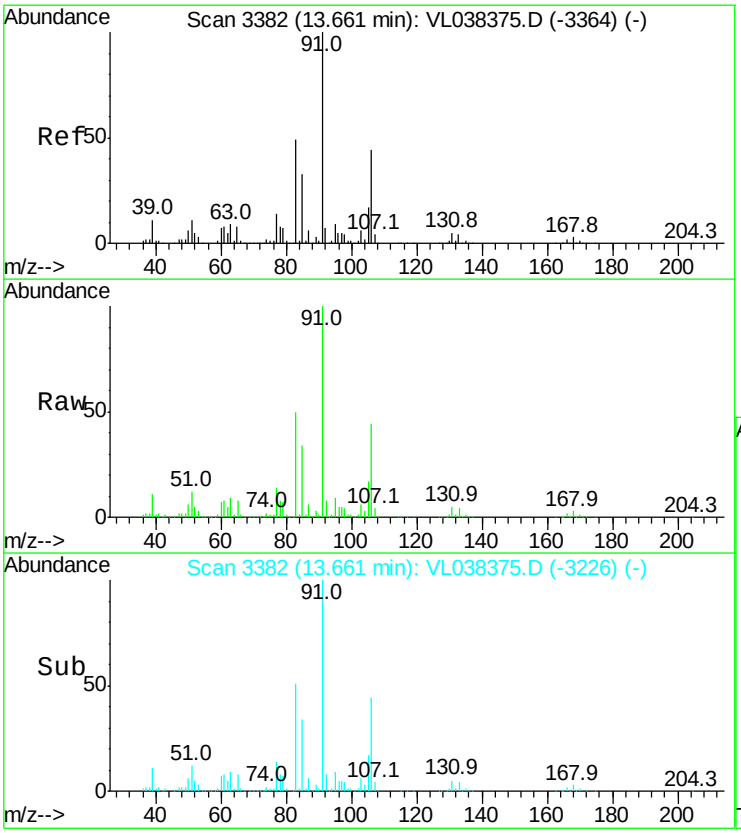

#59
m/p-Xylene
Concen: 8.96 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 91 Resp: 2975670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 76.5 | 34.4 | 51.6# |

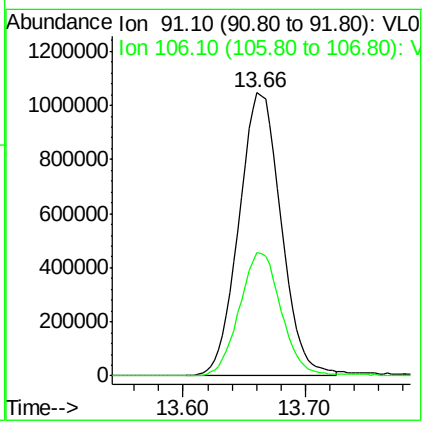


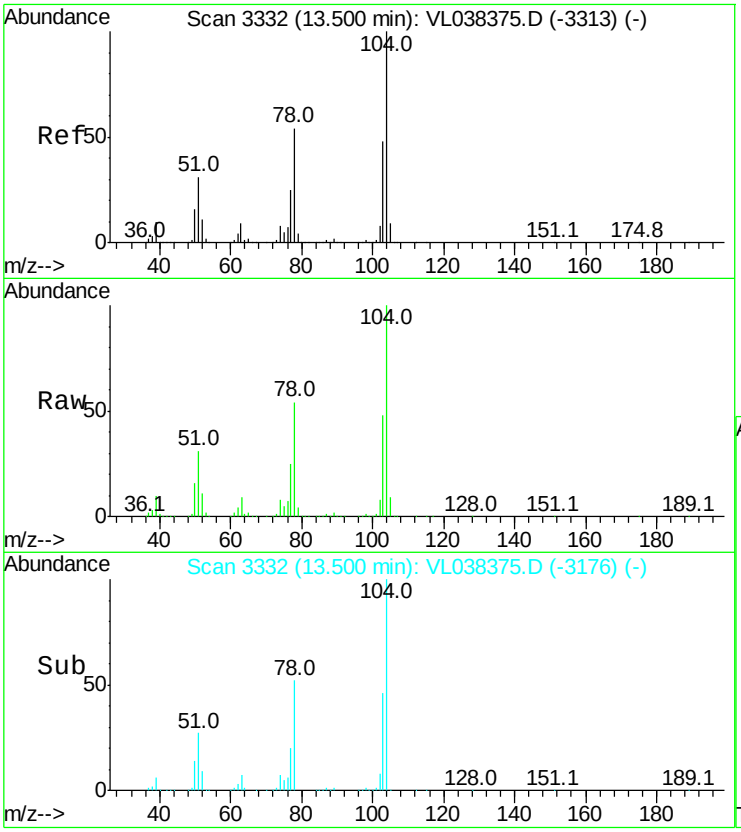




#60
o-Xylene
Concen: 7.97 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 91 Resp: 2501464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 43.7 | 21.9 | 65.5 |



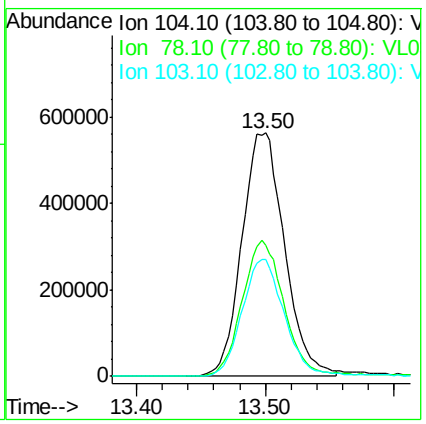


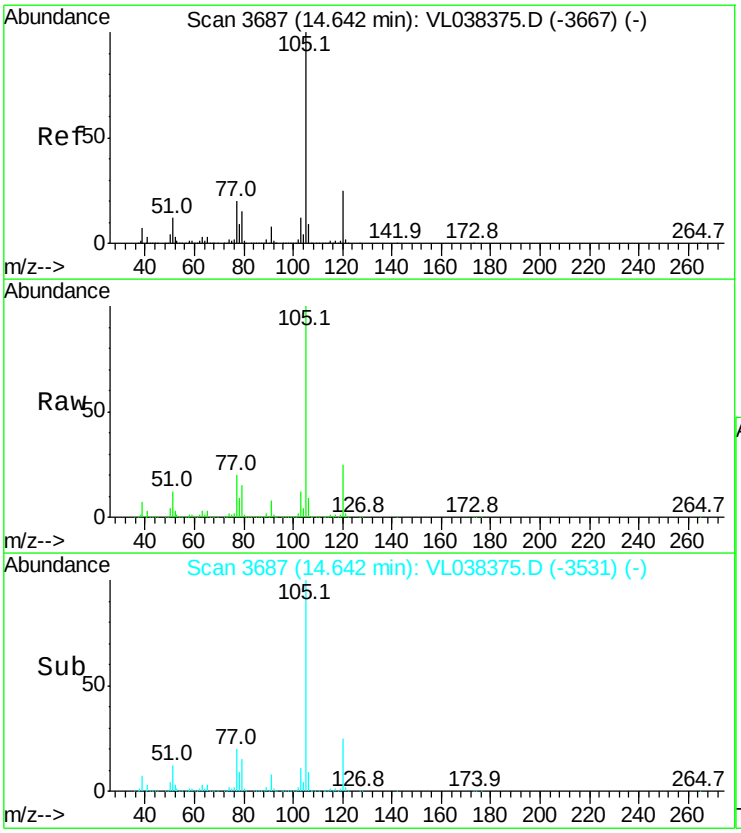

#61
Styrene
Concen: 8.95 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:104 Resp: 1295270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 55.5 | 44.2 | 66.4 |
| 103 | 48.1 | 38.4 | 57.6 |

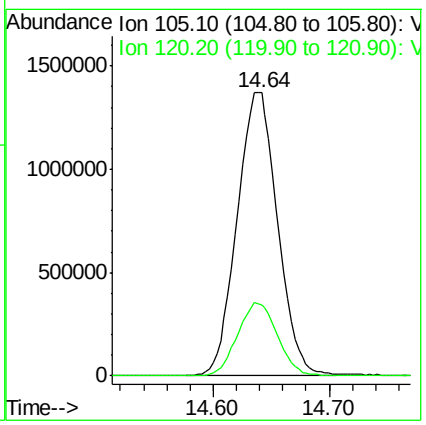


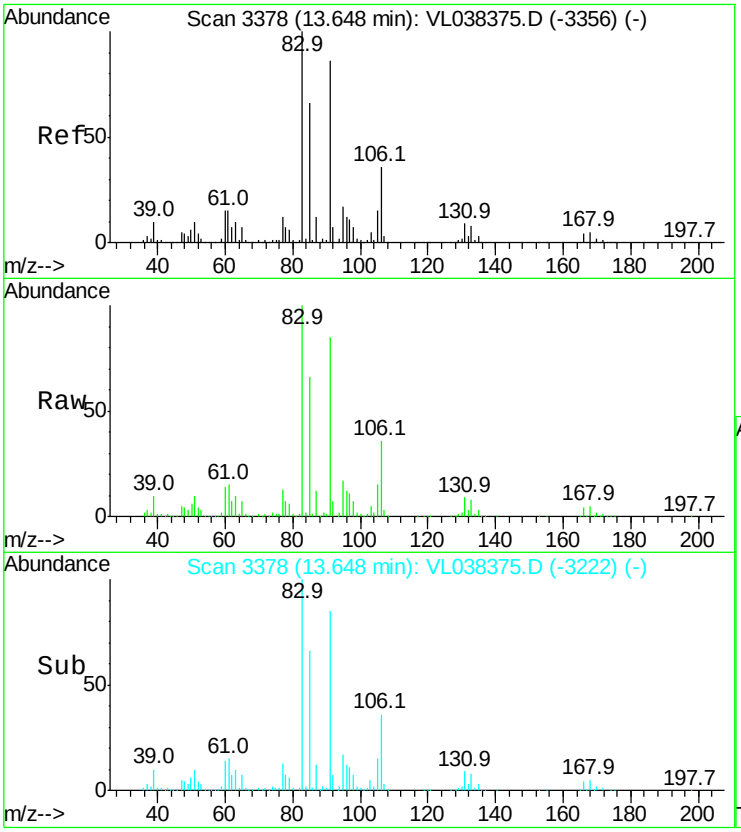




#62
Isopropylbenzene
Concen: 7.91 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:105 Resp: 3334302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.7 | 20.6 | 30.8 |



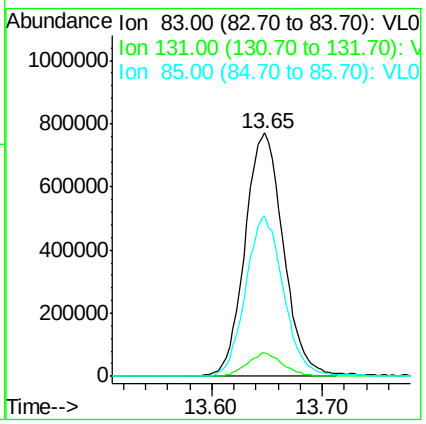


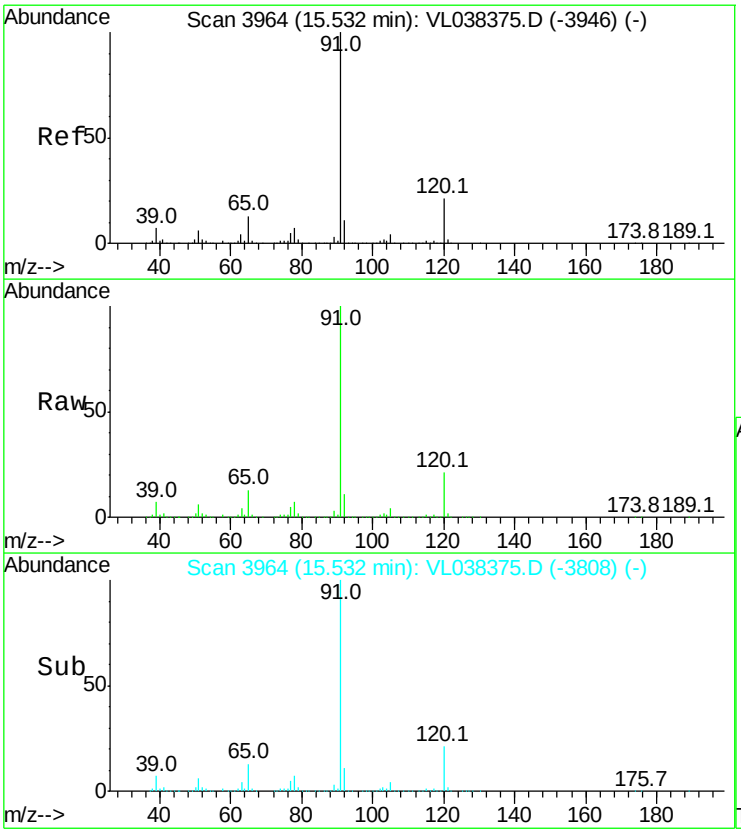

#63
1,1,2,2-Tetrachloroethane
Concen: 7.26 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 83 Resp: 1852692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.1 | 4.5 | 13.7 |
| 85 | 66.0 | 33.0 | 99.0 |

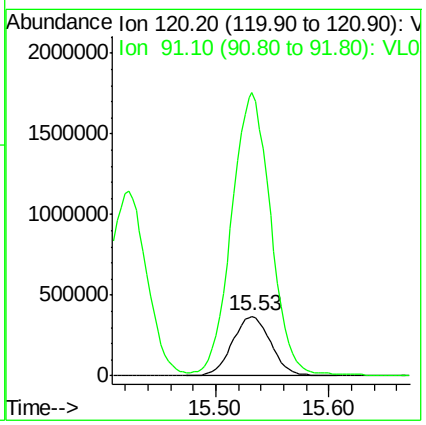


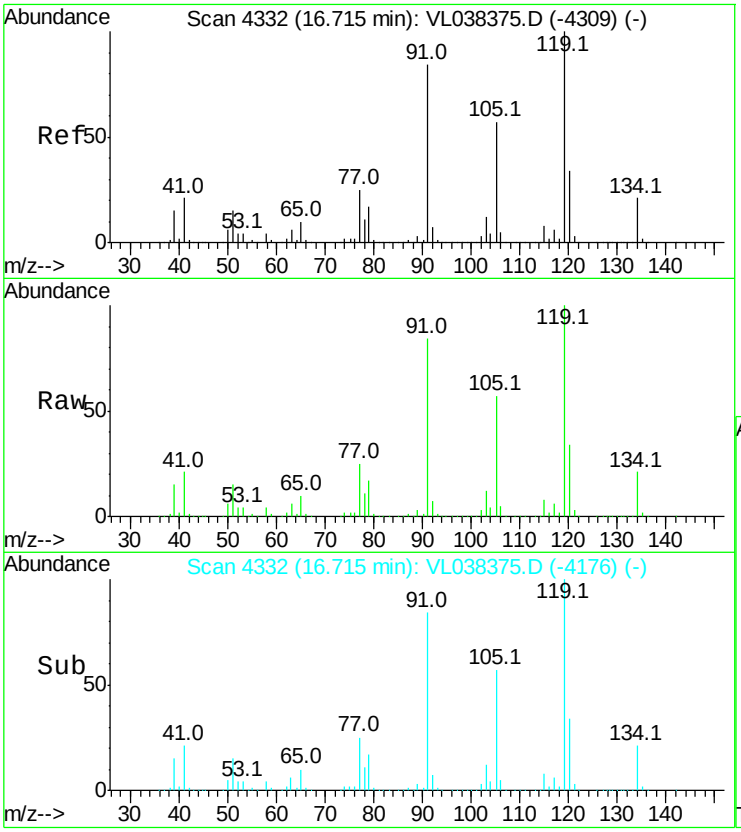




#64
n-propylbenzene
Concen: 8.36 ppbv
RT: 15.53 min Scan# 3964
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:120 Resp: 872122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 485.1 | 388.1 | 582.1 |



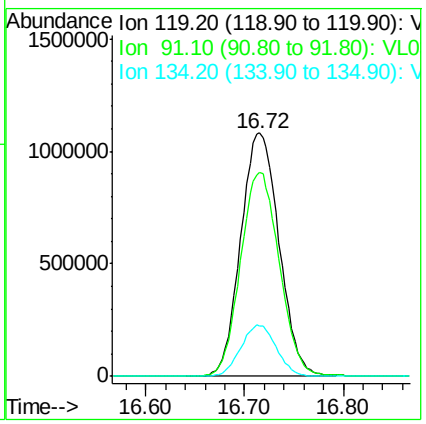


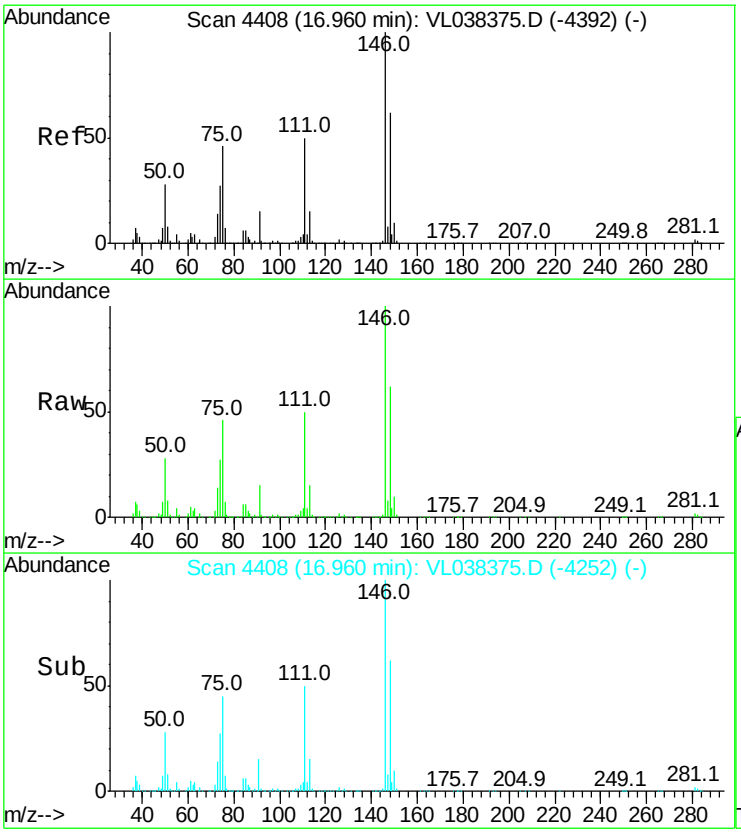

#65
tert-Butylbenzene
Concen: 7.96 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:119 Resp: 2905149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 85.0 | 68.0 | 102.0 |
| 134 | 19.7 | 15.8 | 23.8 |

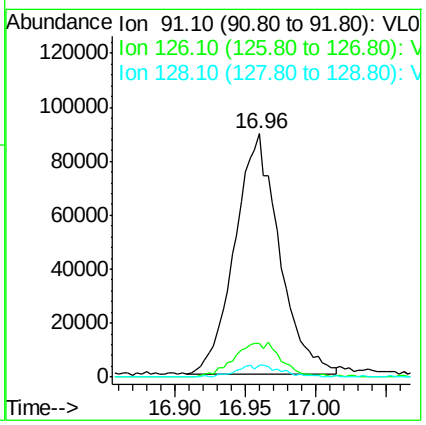


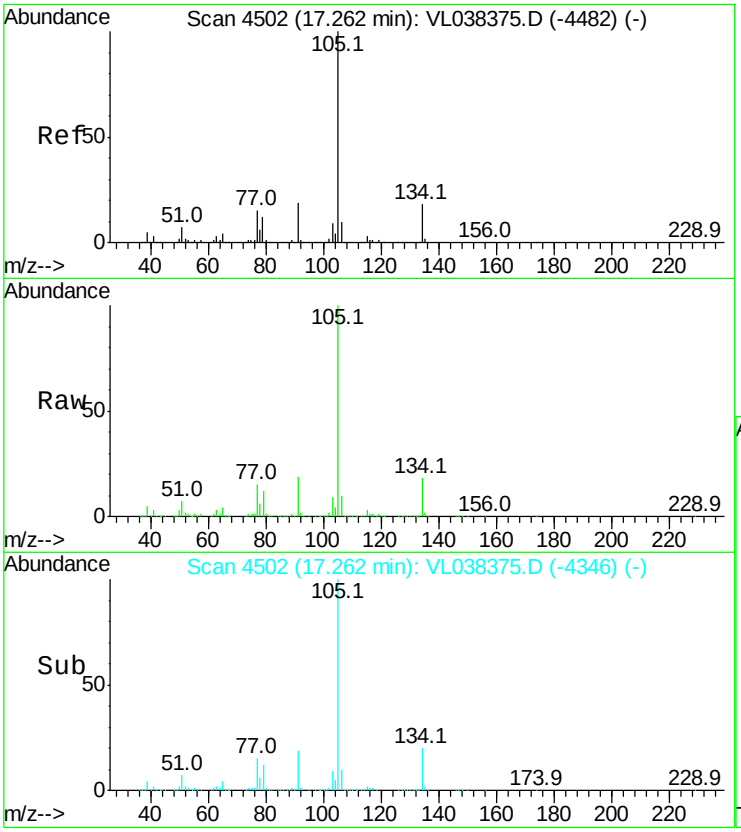




#66
Benzyl Chloride
Concen: 9.98 ppbv
RT: 16.96 min Scan# 4408
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 91 Resp: 196900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 15.4 | 12.3 | 18.5 |
| 128 | 5.3 | 4.2 | 6.4 |



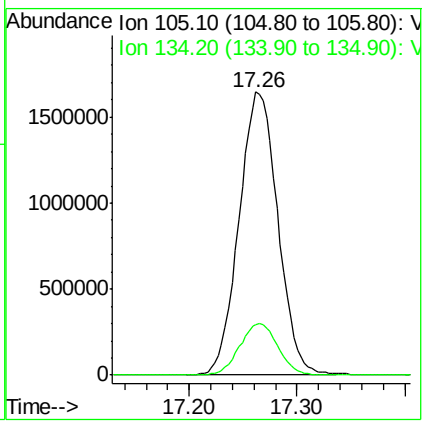


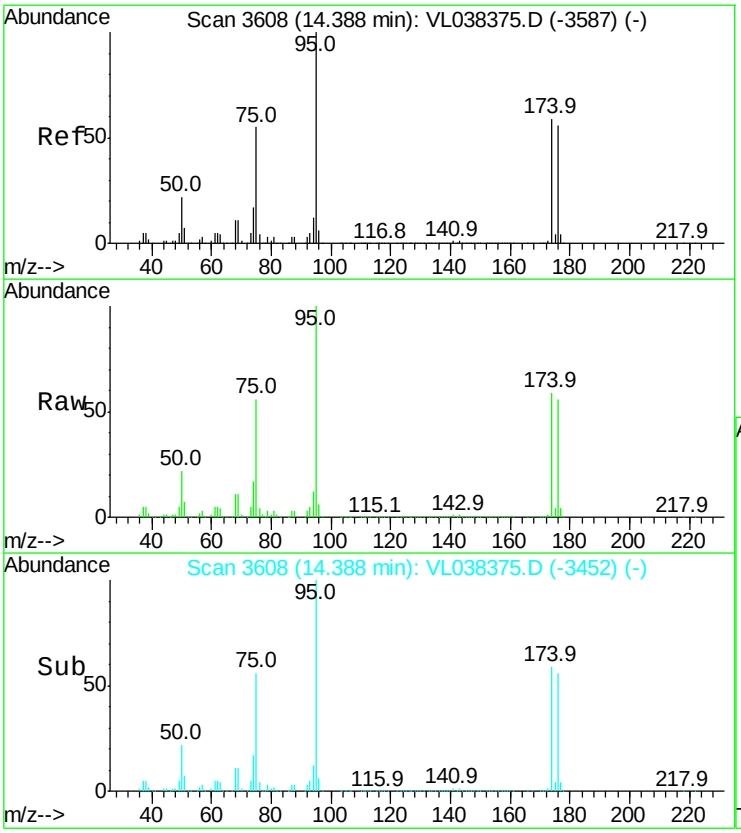

#67
sec-Butylbenzene
Concen: 7.95 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:105 Resp: 4108827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.2 | 14.6 | 21.8 |

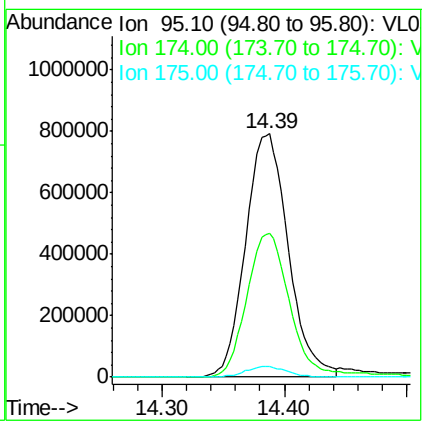


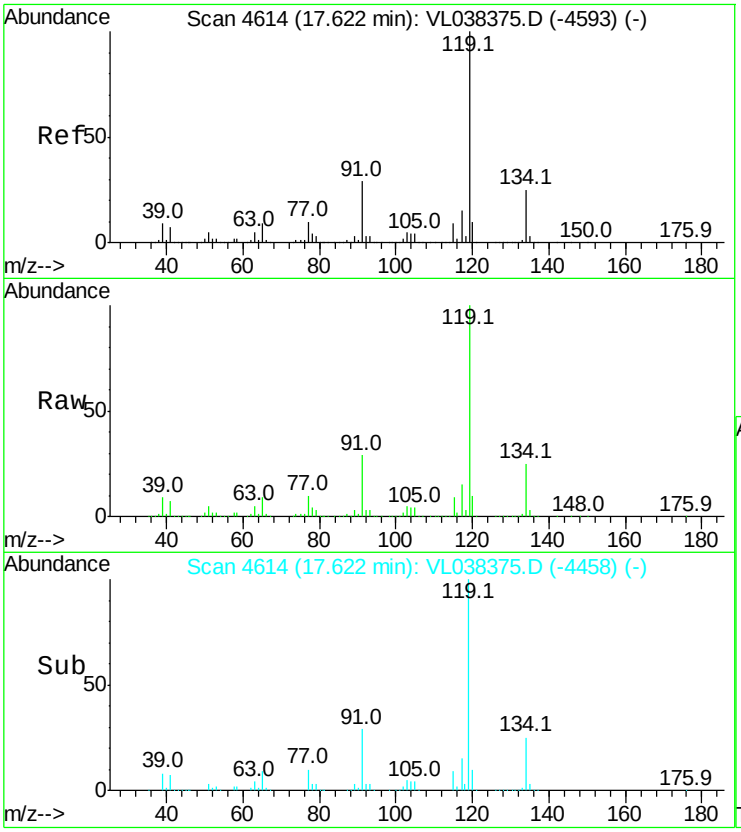




#68
1-Bromo-4-Fluorobenzene
Concen: 8.19 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 95 Resp: 1916795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 61.2 | 49.0 | 73.4 |
| 175 | 4.5 | 3.6 | 5.4 |



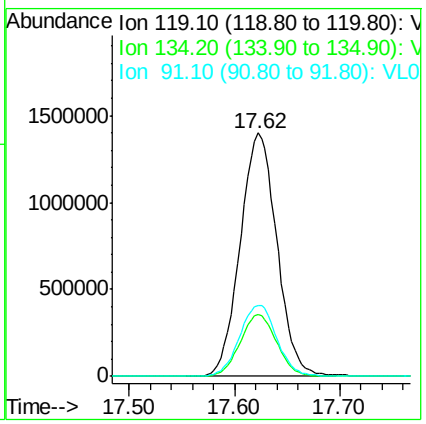


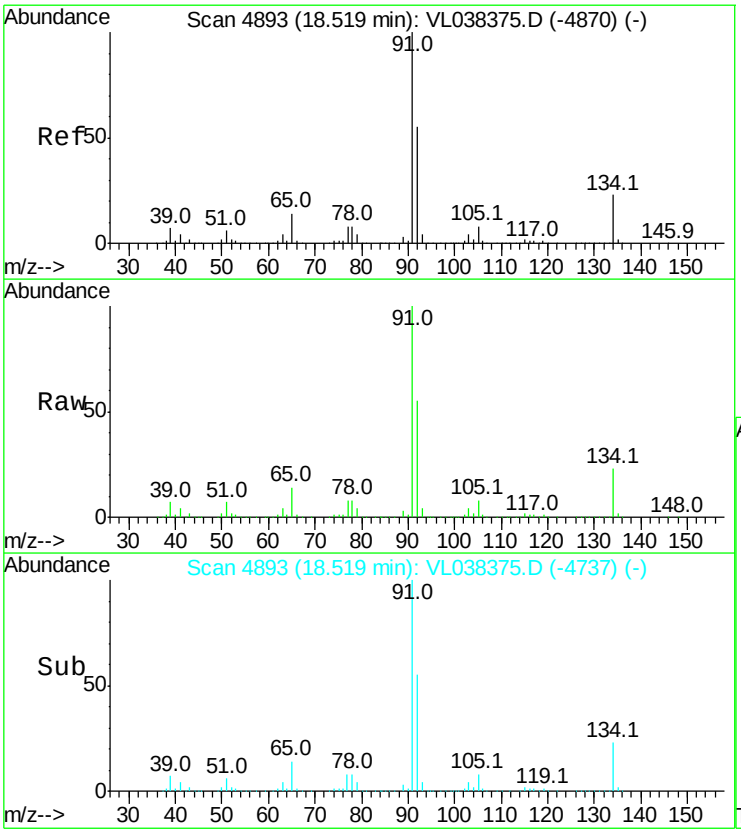

#69
p-Isopropyltoluene
Concen: 8.34 ppbv
RT: 17.62
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:119 Resp: 3388391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 20.4 | 30.6 |
| 91 | 29.8 | 23.8 | 35.8 |

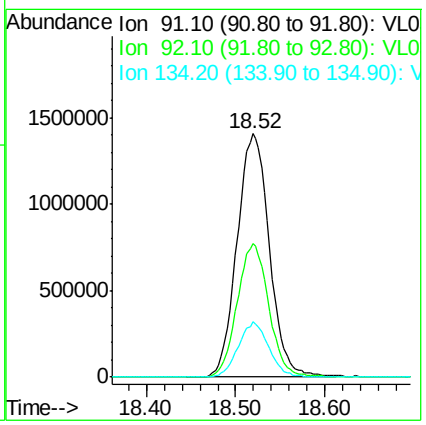


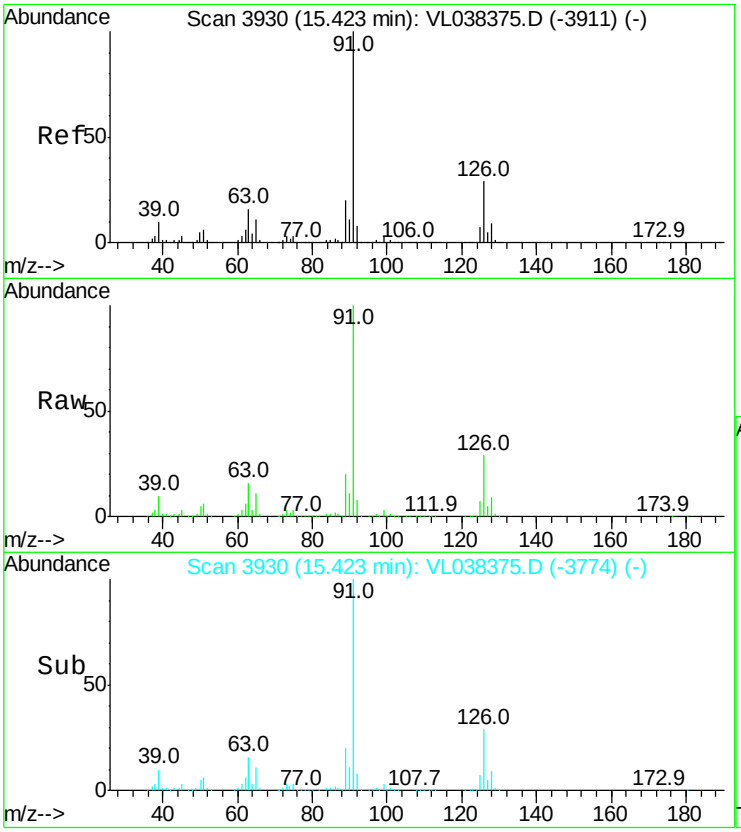




#70
n-Butylbenzene
Concen: 8.45 ppbv
RT: 18.52 min Scan# 4893
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion: 91 Resp: 3551820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.9 | 43.1 | 64.7 |
| 134 | 21.7 | 17.4 | 26.0 |



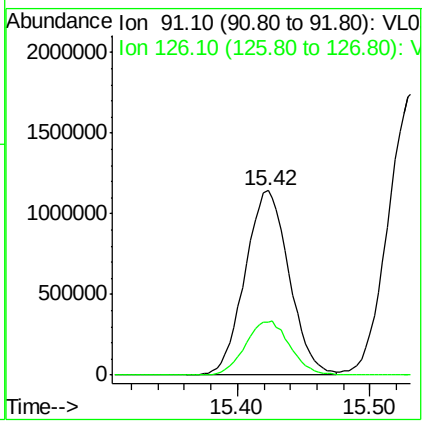


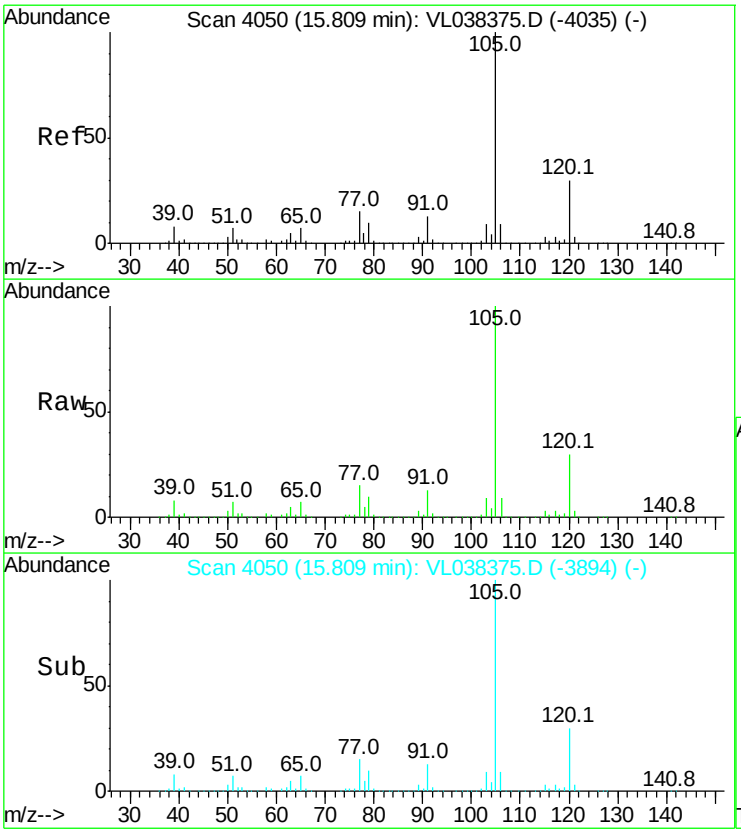

#71
2-Chlorotoluene
Concen: 8.18 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion: 91 Resp: 2651132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.8 | 11.9 | 47.7 |

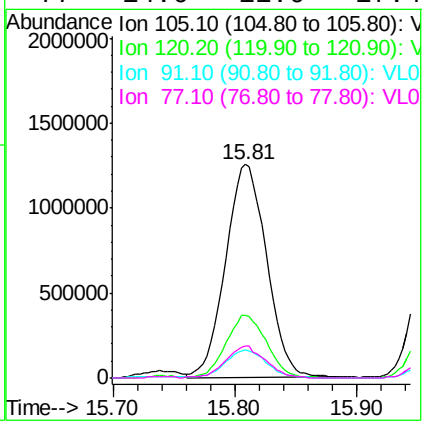


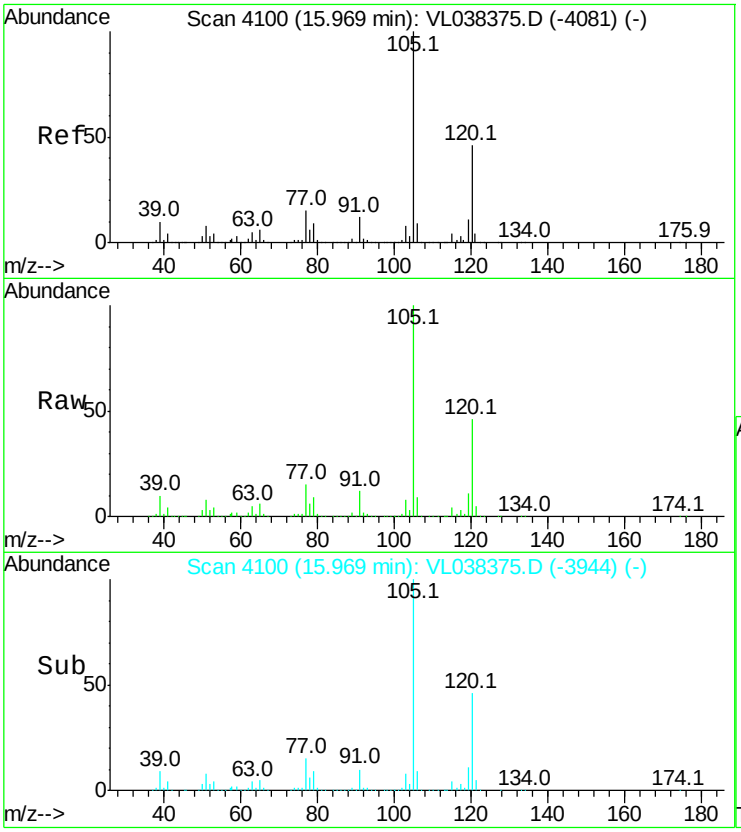




#72
4-Ethyltoluene
Concen: 8.45 ppbv
RT: 15.81 min Scan# 4050
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:105 Resp: 2922272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.3 | 23.4 | 35.2 |
| 91 | 12.7 | 10.4 | 15.6 |
| 77 | 14.6 | 11.6 | 17.4 |



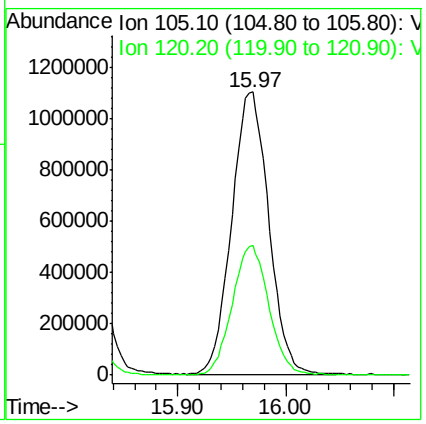


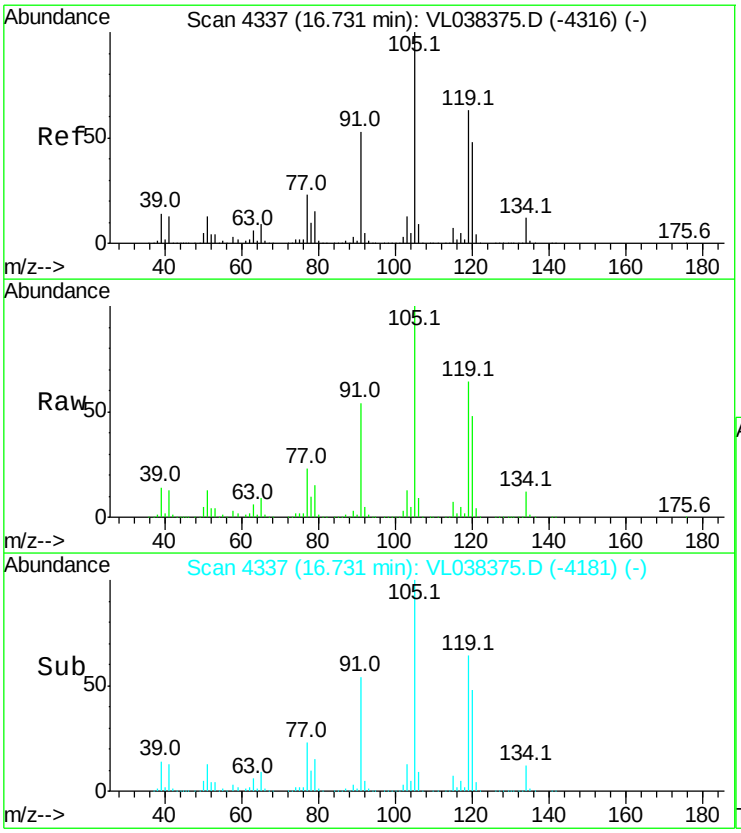

#73
1,3,5-Trimethylbenzene
Concen: 8.33 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:105 Resp: 2617897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.8 | 36.6 | 55.0 |

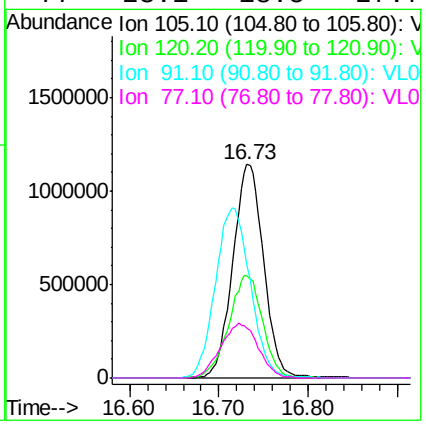


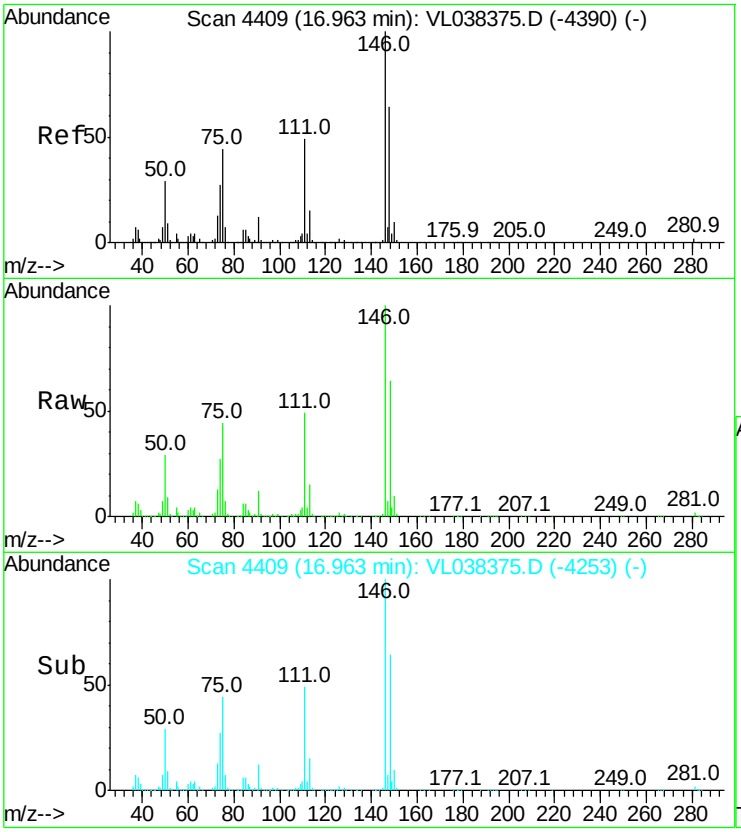




#74
1,2,4-Trimethylbenzene
Concen: 8.25 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:105 Resp: 2736287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.8 | 38.2 | 57.4 |
| 91 | 53.4 | 42.7 | 64.1 |
| 77 | 23.1 | 18.5 | 27.7 |



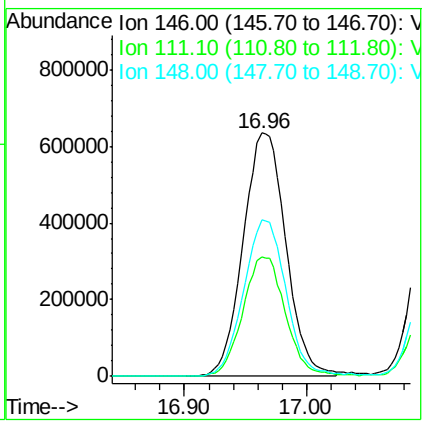


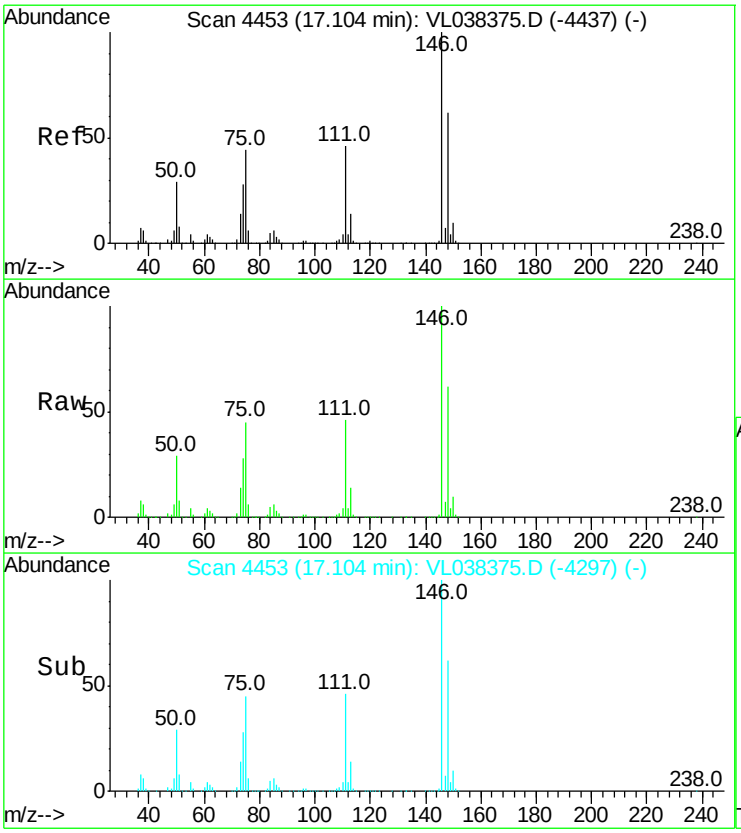

#75
1,3-Dichlorobenzene
Concen: 8.28 ppbv
RT: 16.96
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:146 Resp: 1537798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.6 | 24.3 | 72.9 |
| 148 | 64.0 | 32.0 | 96.0 |

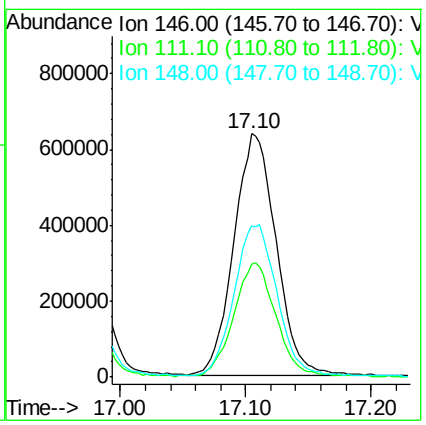


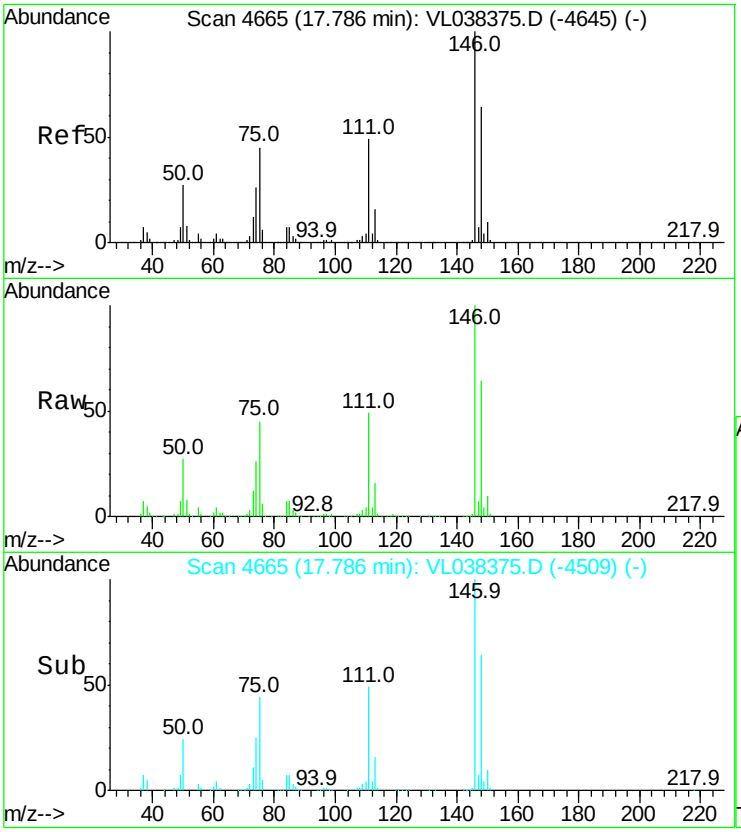




#76
1,4-Dichlorobenzene
Concen: 8.12 ppbv
RT: 17.10 min Scan# 4453
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:146 Resp: 1487225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.1 | 24.1 | 72.2 |
| 148 | 65.6 | 32.8 | 98.4 |



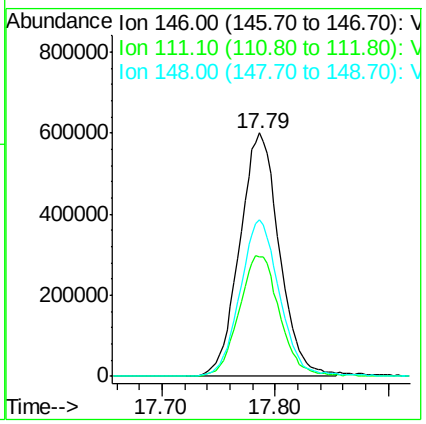


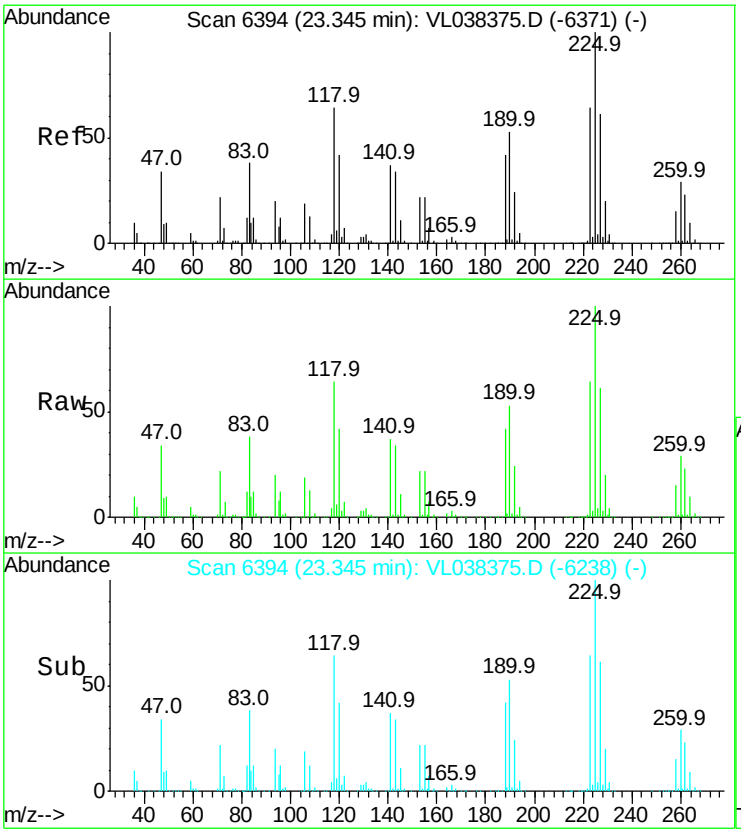

#77
1,2-Dichlorobenzene
Concen: 8.13 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:146 Resp: 1453804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 51.1 | 25.6 | 76.6 |
| 148 | 64.8 | 32.4 | 97.2 |

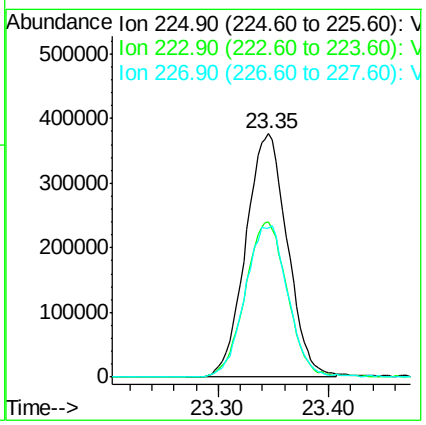


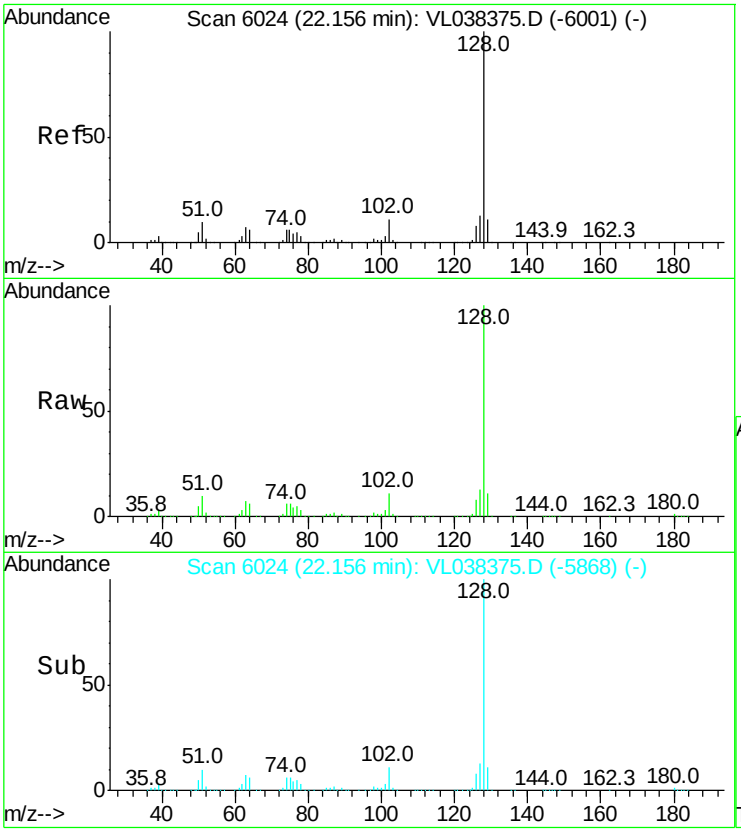




#78
Hexachloro-1,3-Butadiene
Concen: 7.22 ppbv
RT: 23.35 min Scan# 6394
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:225 Resp: 983935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.0 | 52.0 | 78.0 |
| 227 | 64.5 | 51.6 | 77.4 |



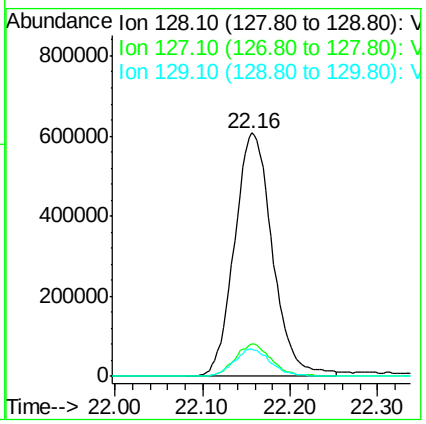


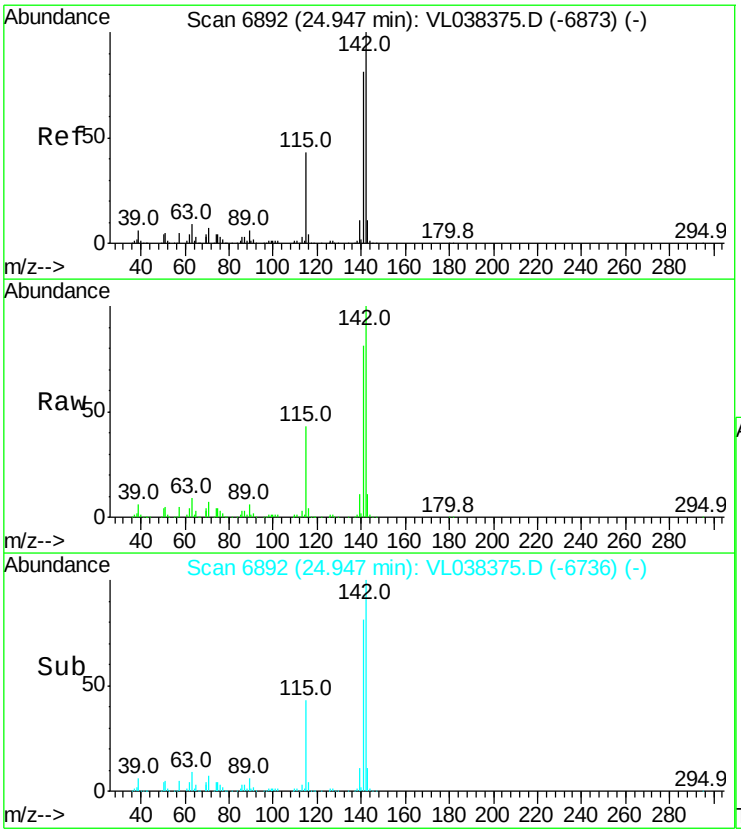

#79
Naphthalene
Concen: 10.19 ppbv
RT: 22.16
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:128 Resp: 1830187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.4 | 10.7 | 16.1 |
| 129 | 11.0 | 8.8 | 13.2 |

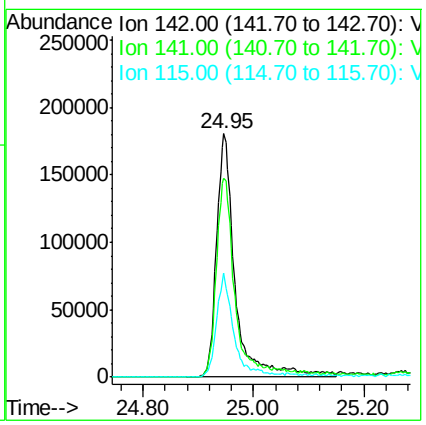


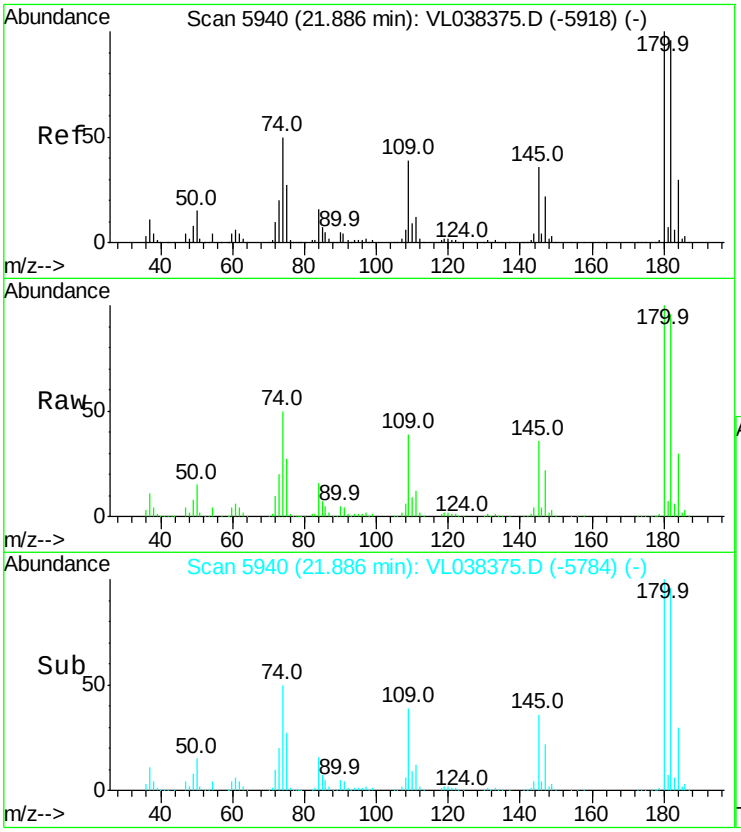




#80
Naphthalene,2-methyl-
Concen: 12.09 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. 0.00 min
Lab File: VL038375.D
Acq: 22 Feb 2022 4:10

Tgt Ion:142 Resp: 424422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.3 | 69.8 | 104.6 |
| 115 | 40.2 | 33.0 | 49.6 |






#81
1,2,4-Trichlorobenzene
Concen: 9.36 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 22 Feb 2022 4.10

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICCC010

Tgt Ion:180 Resp: 1017005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.5 | 77.4 | 116.2 |
| 184 | 31.3 | 24.9 | 37.3 |