Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038589.D
Acq On : 10 Mar 2022 9:52
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 11 00:19:11 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 829952 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.16 | 114 | 2197471 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.07 | 117 | 2646021 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.39 | 95 | 1671132 | 8.31 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 83.10% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.04 | 85 | 1281350 | 10.22 | ppbv | | 100 |
| 3) Chlorodifluoromethane | 2.98 | 51 | 1372701 | 9.38 | ppbv | | 99 |
| 4) Chloromethane | 3.13 | 50 | 526941 | 9.71 | ppbv | | 100 |
| 5) Vinyl Chloride | 3.25 | 62 | 527448 | 9.69 | ppbv | | 100 |
| 6) Bromomethane | 3.47 | 94 | 279372 | 9.56 | ppbv | | 98 |
| 7) Chloroethane | 3.55 | 64 | 171132 | 9.71 | ppbv | | 94 |
| 8) Dichlorotetrafluoroethane | 3.18 | 85 | 1229612 | 10.12 | ppbv | | 99 |
| 9) Propene | 3.01 | 41 | 484362 | 9.38 | ppbv | | 99 |
| 10) Heptane | 8.10 | 43 | 1287408 | 10.42 | ppbv | | 98 |
| 11) Trichlorofluoromethane | 3.94 | 101 | 1121079 | 10.20 | ppbv | | 99 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.47 | 101 | 877067 | 10.26 | ppbv | | 100 |
| 13) Ethanol | 3.60 | 45 | 41689 | 7.03 | ppbv | | 97 |
| 14) Bromoethene | 3.73 | 108 | 372428 | 10.23 | ppbv | | 98 |
| 15) Acetone | 3.84 | 43 | 588801 | 10.06 | ppbv | | 100 |
| 16) 1,3-Butadiene | 3.32 | 39 | 485174 | 10.31 | ppbv | | 99 |
| 17) tert-Butyl alcohol | 4.28 | 59 | 672989 | 10.58 | ppbv | | 100 |
| 18) 1,1-Dichloroethene | 4.28 | 96 | 398425 | 10.42 | ppbv | | 99 |
| 19) Isopropyl Alcohol | 3.95 | 45 | 378564 | 9.68 | ppbv | # | 96 |
| 20) Methylene Chloride | 4.33 | 84 | 322191 | 9.15 | ppbv | | 99 |
| 21) Allyl Chloride | 4.40 | 41 | 581532 | 10.31 | ppbv | | 99 |
| 22) trans-1,2-Dichloroethene | 4.87 | 96 | 416458 | 10.39 | ppbv | | 99 |
| 23) Vinyl Acetate | 5.06 | 43 | 909745 | 10.84 | ppbv | | 100 |
| 24) 1,1-Dichloroethane | 5.00 | 63 | 791832 | 10.38 | ppbv | | 100 |
| 25) Ethyl Acetate | 5.66 | 43 | 1972770 | 10.01 | ppbv | | 100 |
| 26) Hexane | 5.67 | 57 | 922042 | 9.96 | ppbv | | 99 |
| 27) Carbon Disulfide | 4.54 | 76 | 1041240 | 11.29 | ppbv | | 98 |
| 28) Methyl tert-Butyl Ether | 5.02 | 73 | 760676 | 10.09 | ppbv | | 99 |
| 29) Chloroform | 5.74 | 83 | 1422222 | 9.87 | ppbv | | 98 |
| 30) Cyclohexane | 7.11 | 84 | 815077 | 10.18 | ppbv | | 97 |
| 31) cis-1,2-Dichloroethene | 5.53 | 61 | 854763 | 9.65 | ppbv | | 97 |
| 32) 1,1,1-Trichloroethane | 6.49 | 97 | 1367125 | 9.78 | ppbv | | 100 |
| 34) 2-Butanone | 5.23 | 43 | 651690 | 11.44 | ppbv | | 99 |
| 35) Carbon Tetrachloride | 7.00 | 117 | 1455477 | 9.71 | ppbv | | 100 |
| 36) Benzene | 6.87 | 78 | 1992546 | 10.05 | ppbv | | 99 |
| 37) 1,2-Dichloroethane | 6.29 | 62 | 967408 | 10.21 | ppbv | | 100 |
| 38) Trichloroethene | 7.82 | 130 | 771262 | 9.74 | ppbv | | 99 |
| 39) 1,2-Dichloropropane | 7.60 | 63 | 766419 | 10.05 | ppbv | | 98 |
| 40) 1,4-Dioxane | 7.82 | 88 | 189538 | 9.93 | ppbv | | 95 |
| 41) Tetrahydrofuran | 6.04 | 42 | 459808 | 9.87 | ppbv | | 99 |
| 42) Bromodichloromethane | 7.77 | 83 | 1556355 | 10.36 | ppbv | | 99 |
| 43) Methyl Methacrylate | 8.00 | 69 | 716976 | 10.53 | ppbv | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038589.D
Acq On : 10 Mar 2022 9:52
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 11 00:19:11 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.85 | 57 | 3304417 | 9.86 | ppbv | | 100 |
| 45) t-1,3-Dichloropropene | 9.26 | 75 | 561707 | 11.45 | ppbv | | 97 |
| 46) cis-1,3-Dichloropropene | 8.68 | 75 | 748793 | 11.16 | ppbv | | 98 |
| 47) 1,1,2-Trichloroethane | 9.46 | 97 | 822650 | 10.58 | ppbv | | 97 |
| 48) Dibromochloromethane | 10.28 | 129 | 1430871 | 11.59 | ppbv | | 100 |
| 49) Bromoform | 13.02 | 173 | 1220236 | 12.91 | ppbv | | 99 |
| 50) 4-Methyl-2-Pentanone | 8.73 | 43 | 1351622 | 11.58 | ppbv | | 99 |
| 51) 2-Hexanone | 10.12 | 43 | 629205 | 12.75 | ppbv | | 100 |
| 52) Tetrachloroethene | 11.20 | 164 | 726760 | 10.00 | ppbv | | 98 |
| 53) Toluene | 9.79 | 91 | 2305930 | 10.89 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.59 | 107 | 1213117 | 10.92 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.10 | 131 | 925645 | 8.59 | ppbv | | 98 |
| 57) Chlorobenzene | 12.13 | 112 | 1698926 | 8.41 | ppbv | | 97 |
| 58) Ethyl Benzene | 12.69 | 91 | 2992433 | 8.73 | ppbv | | 100 |
| 59) m/p-Xylene | 12.98 | 91 | 2736120 | 9.33 | ppbv | # | 40 |
| 60) o-Xylene | 13.67 | 91 | 2440570 | 8.81 | ppbv | | 100 |
| 61) Styrene | 13.51 | 104 | 1308907 | 9.59 | ppbv | | 99 |
| 62) Isopropylbenzene | 14.64 | 105 | 3370538 | 8.82 | ppbv | | 99 |
| 63) 1,1,2,2-Tetrachloroethane | 13.65 | 83 | 1913684 | 8.18 | ppbv | | 100 |
| 64) n-propylbenzene | 15.54 | 120 | 912054 | 9.36 | ppbv | | 98 |
| 65) tert-Butylbenzene | 16.72 | 119 | 3007996 | 8.80 | ppbv | | 99 |
| 66) Benzyl Chloride | 16.97 | 91 | 178541 | 8.82 | ppbv | | 100 |
| 67) sec-Butylbenzene | 17.27 | 105 | 4312259 | 8.88 | ppbv | | 100 |
| 69) p-Isopropyltoluene | 17.63 | 119 | 3522959 | 8.76 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.53 | 91 | 3617503 | 8.44 | ppbv | | 99 |
| 71) 2-Chlorotoluene | 15.43 | 91 | 2538163 | 8.95 | ppbv | | 98 |
| 72) 4-Ethyltoluene | 15.82 | 105 | 2958589 | 9.30 | ppbv | | 99 |
| 73) 1,3,5-Trimethylbenzene | 15.98 | 105 | 2643514 | 8.95 | ppbv | | 100 |
| 74) 1,2,4-Trimethylbenzene | 16.74 | 105 | 2732127 | 8.66 | ppbv | # | 92 |
| 75) 1,3-Dichlorobenzene | 16.97 | 146 | 1743963 | 8.76 | ppbv | | 99 |
| 76) 1,4-Dichlorobenzene | 17.12 | 146 | 1679582 | 8.52 | ppbv | | 99 |
| 77) 1,2-Dichlorobenzene | 17.79 | 146 | 1679834 | 8.34 | ppbv | | 99 |
| 78) Hexachloro-1,3-Butadiene | 23.35 | 225 | 1157162 | 5.89 | ppbv | | 100 |
| 79) Naphthalene | 22.17 | 128 | 2028062 | 7.15 | ppbv | | 99 |
| 80) Naphthalene,2-methyl- | 24.96 | 142 | 433793 | 8.66 | ppbv | | 99 |
| 81) 1,2,4-Trichlorobenzene | 21.90 | 180 | 1198285 | 6.61 | ppbv | | 99 |

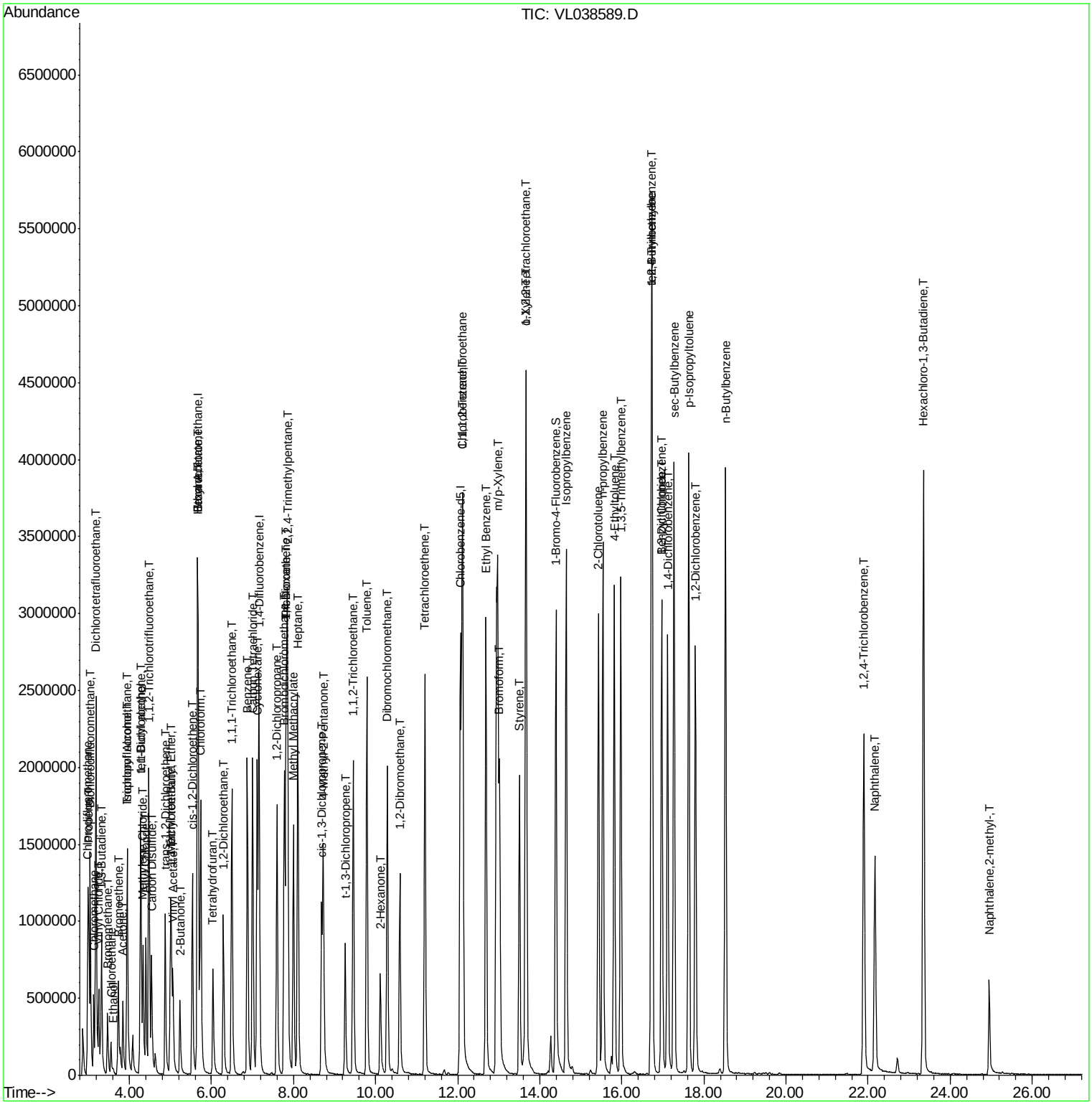
(#) = qualifier out of range (m) = manual integration (+) = signals summed

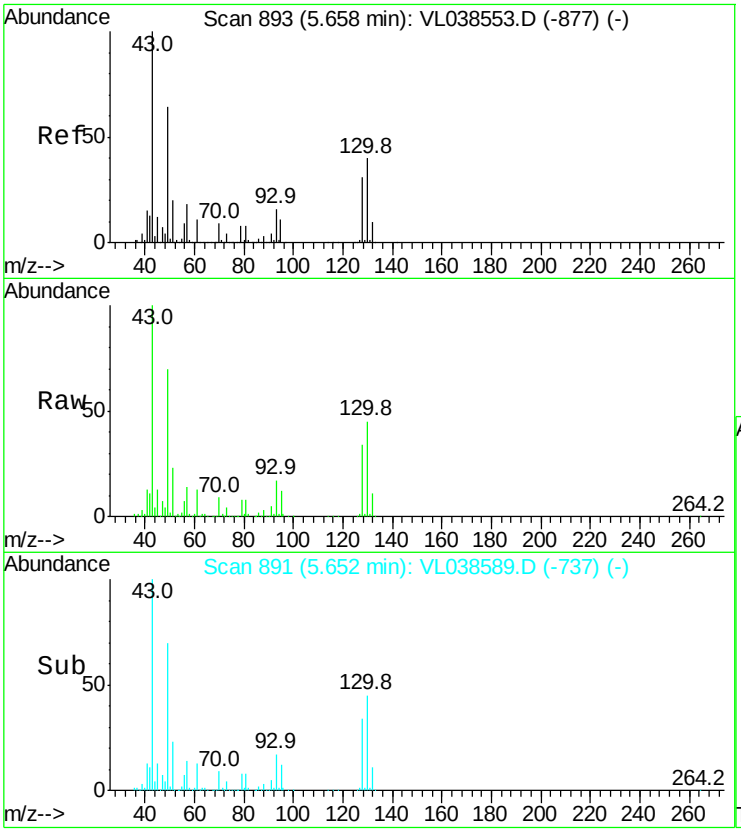
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038589.D
Acq On : 10 Mar 2022 9:52
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 11 00:19:11 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



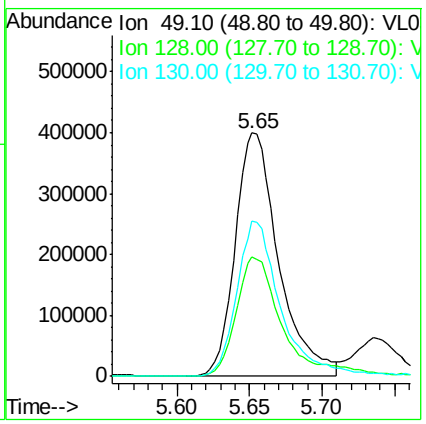


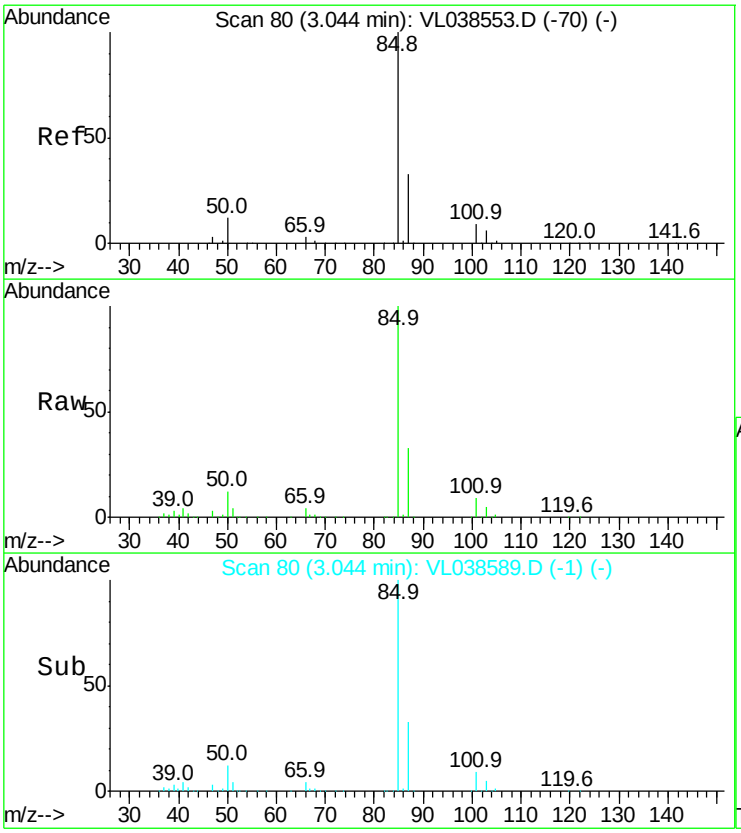

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 49 Resp: 829952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 53.3 | 26.4 | 79.2 |
| 130 | 65.7 | 33.0 | 98.9 |

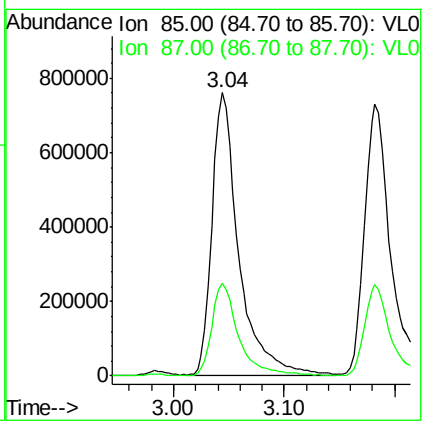


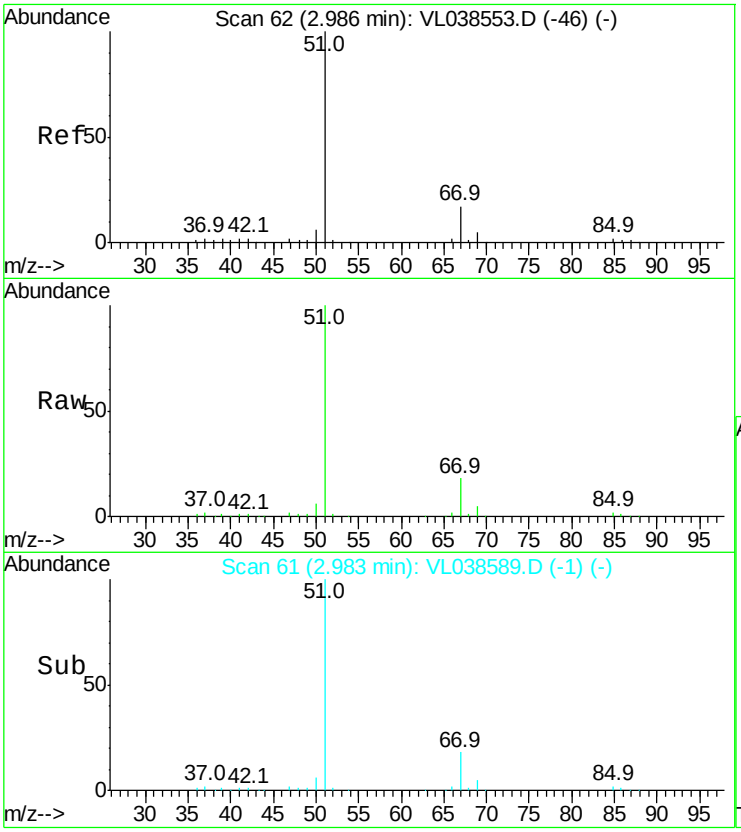




#2
Dichlorodifluoromethane
Concen: 10.22 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 85 Resp: 1281350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.6 | 26.2 | 39.2 |



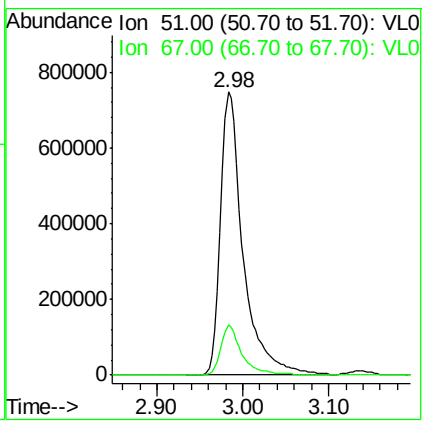


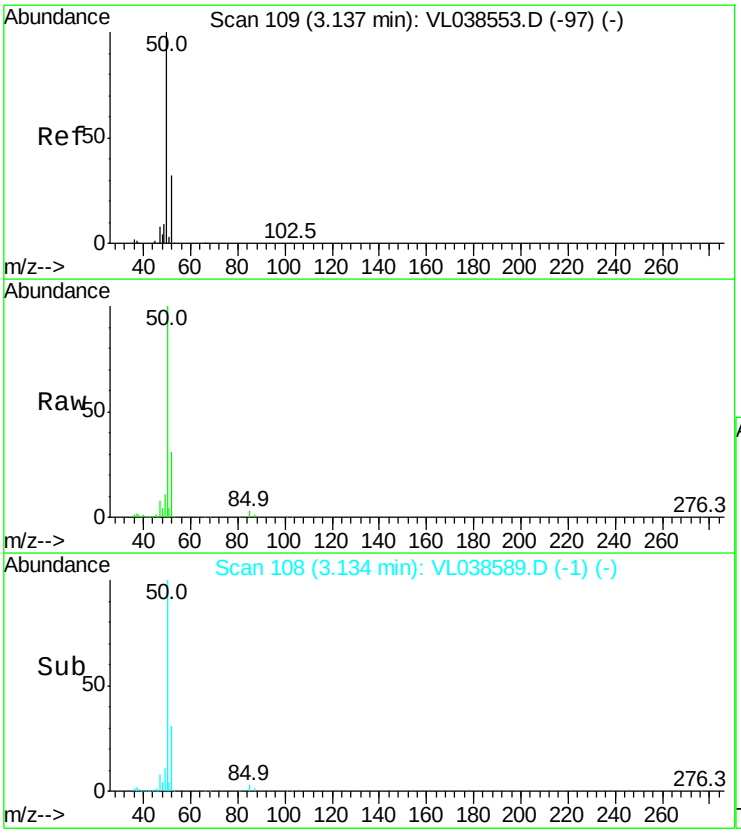

#3
Chlorodifluoromethane
Concen: 9.38 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 51 Resp: 1372701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 16.8 | 13.6 | 20.4 |

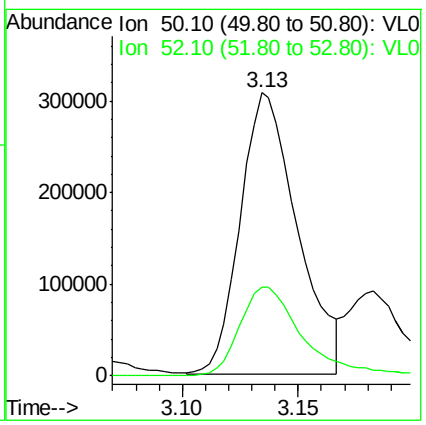


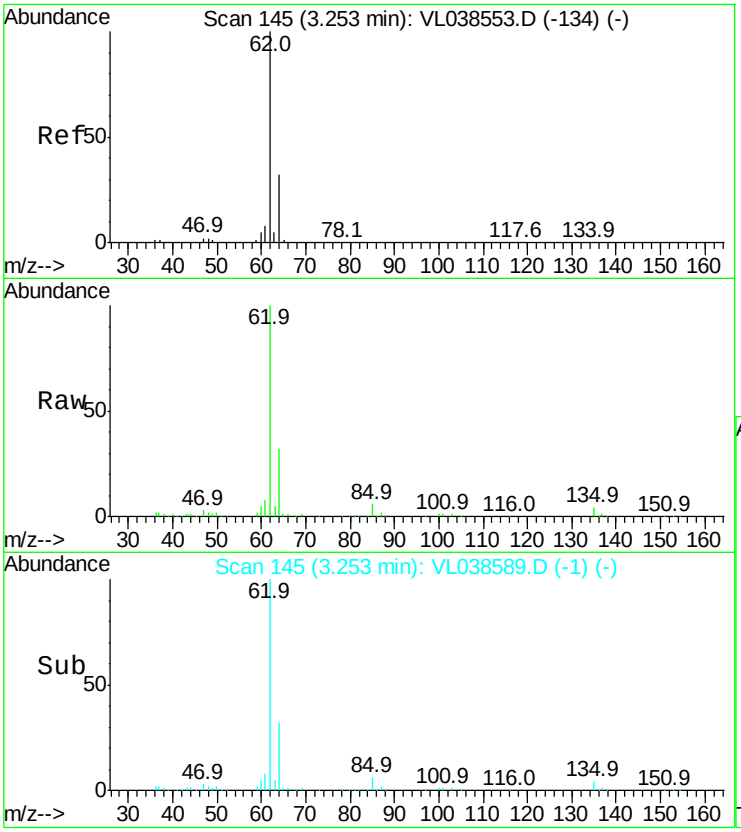




#4
Chloromethane
Concen: 9.71 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 50 Resp: 526941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.8 | 25.6 | 38.4 |



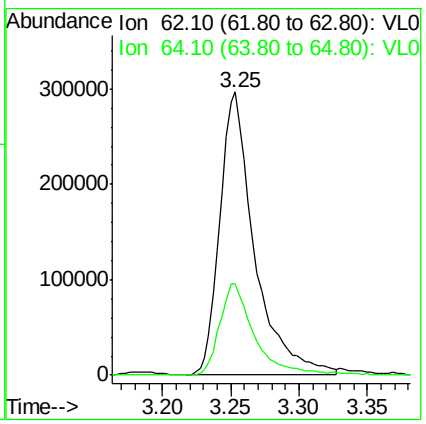


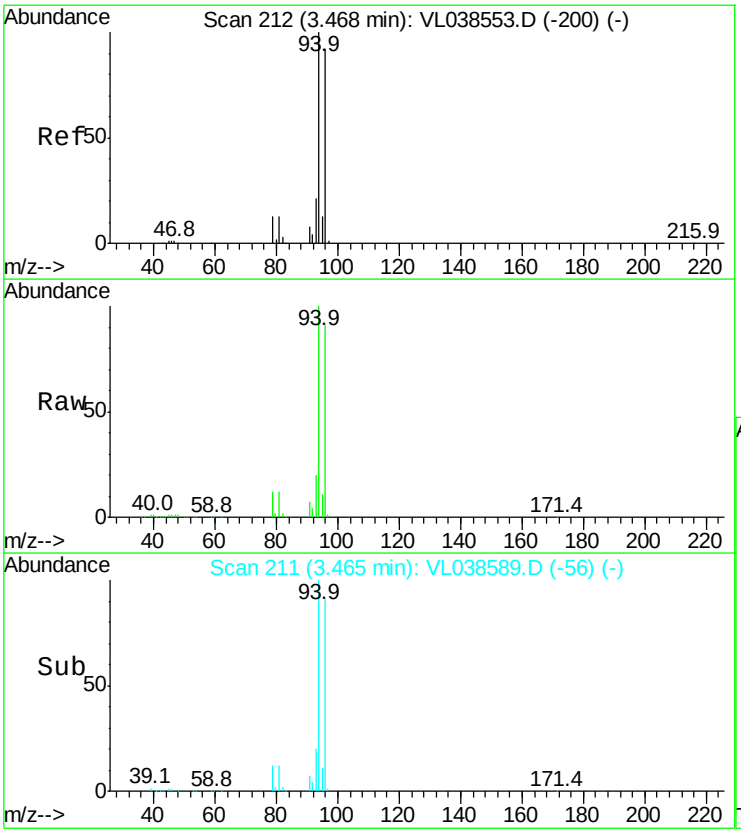

#5
Vinyl Chloride
Concen: 9.69 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 62 Resp: 527448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.8 | 38.6 |

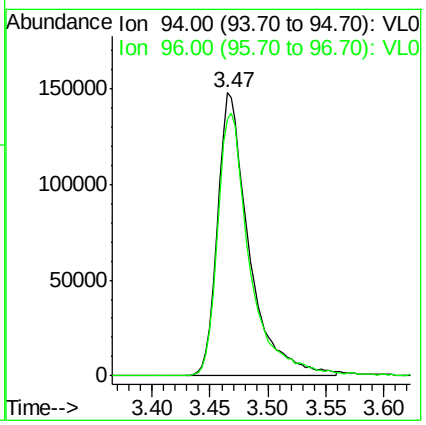


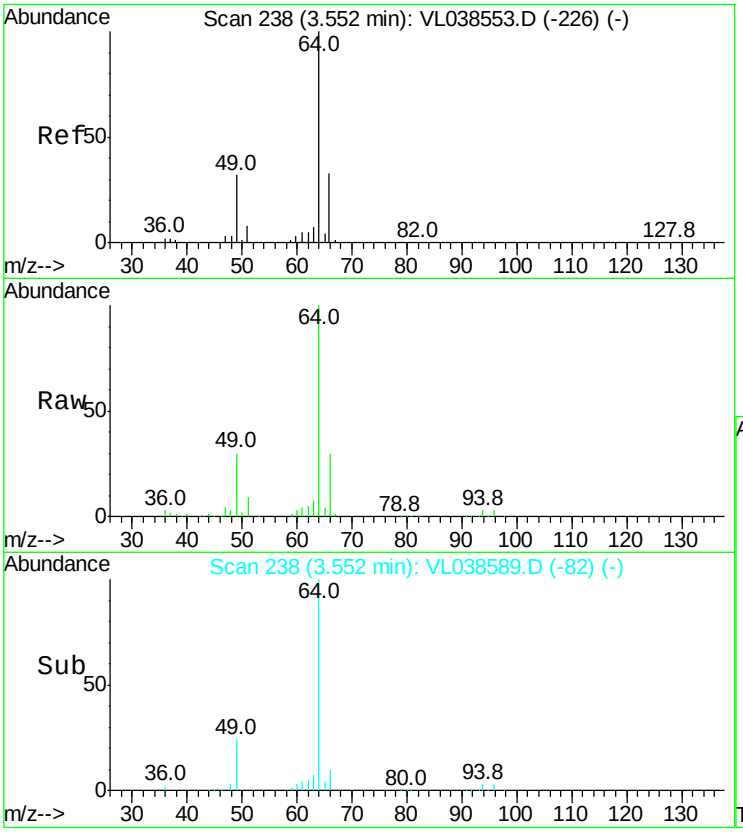




#6
Bromomethane
Concen: 9.56 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 94 Resp: 279372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 90.6 | 73.7 | 110.5 |



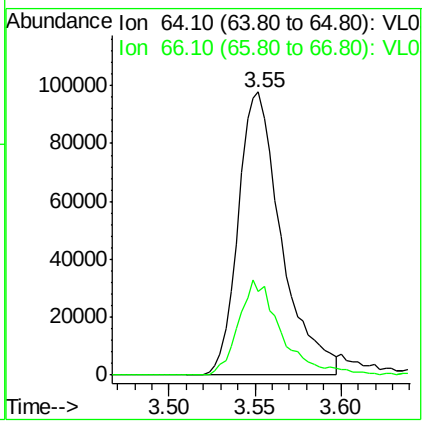


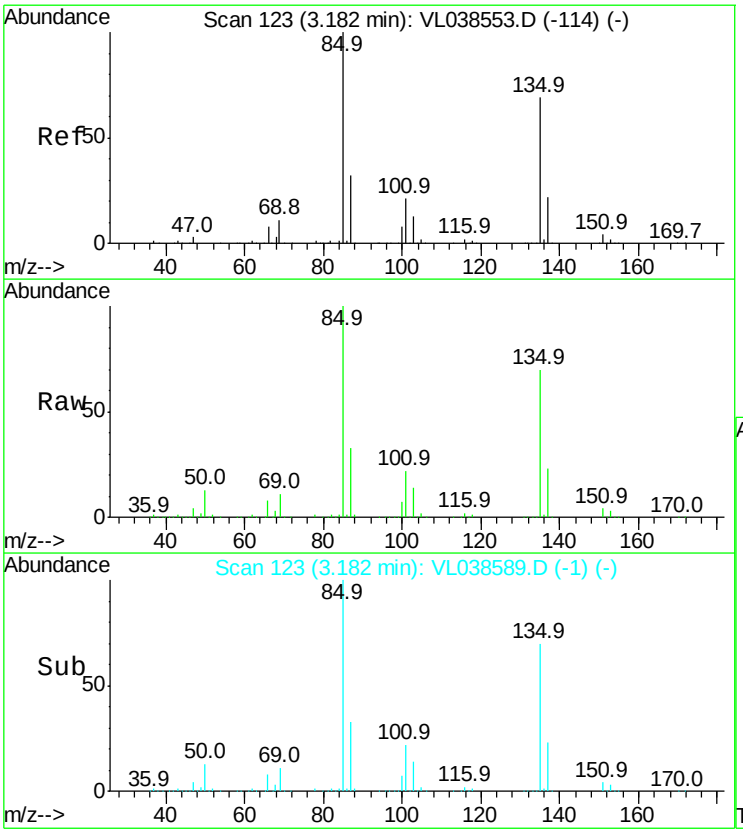

#7
Chloroethane
Concen: 9.71 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 64 Resp: 171132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.8 | 26.6 | 39.8 |

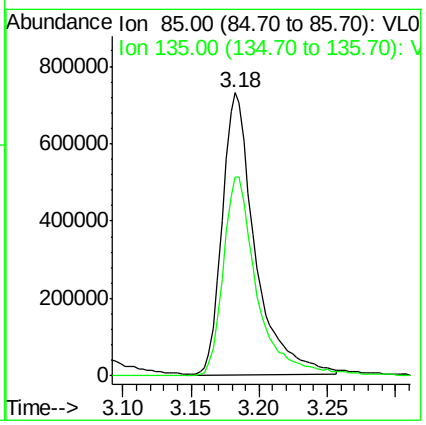


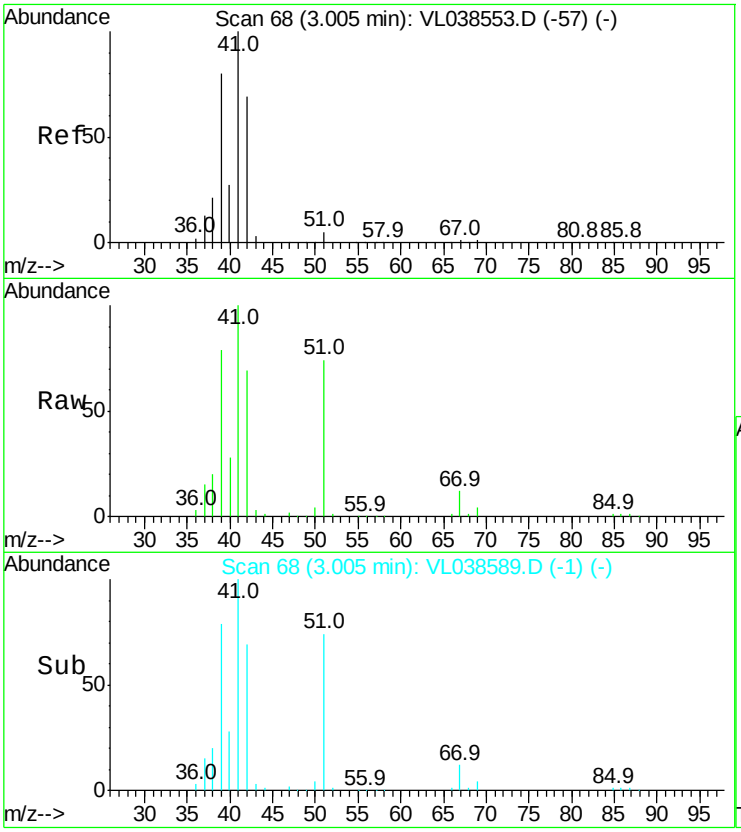




#8
Dichlorotetrafluoroethane
Concen: 10.12 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 85 Resp: 1229612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 73.0 | 59.0 | 88.4 |



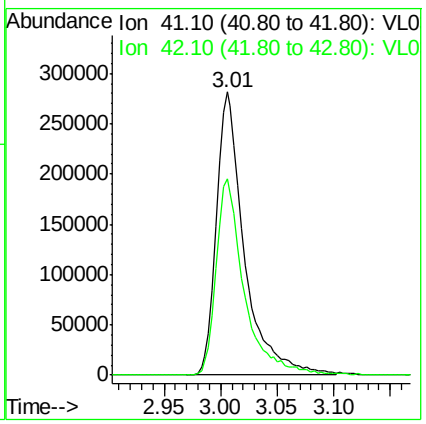


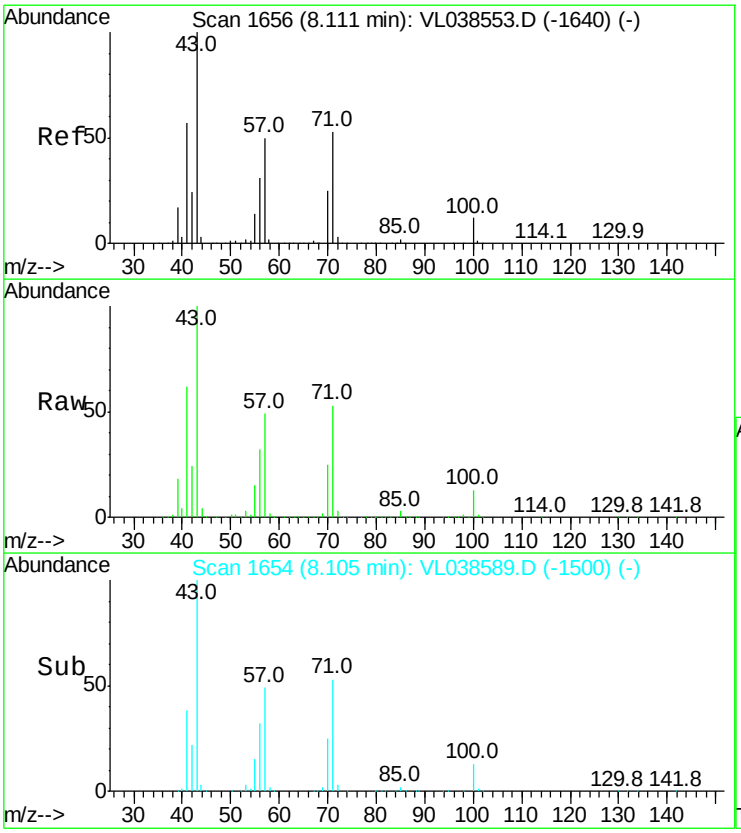

#9
Propene
Concen: 9.38 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 41 Resp: 484362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 70.2 | 55.7 | 83.5 |

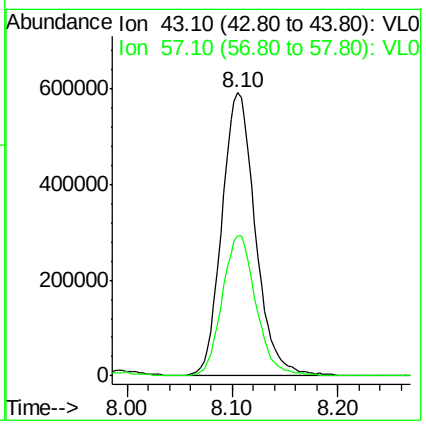


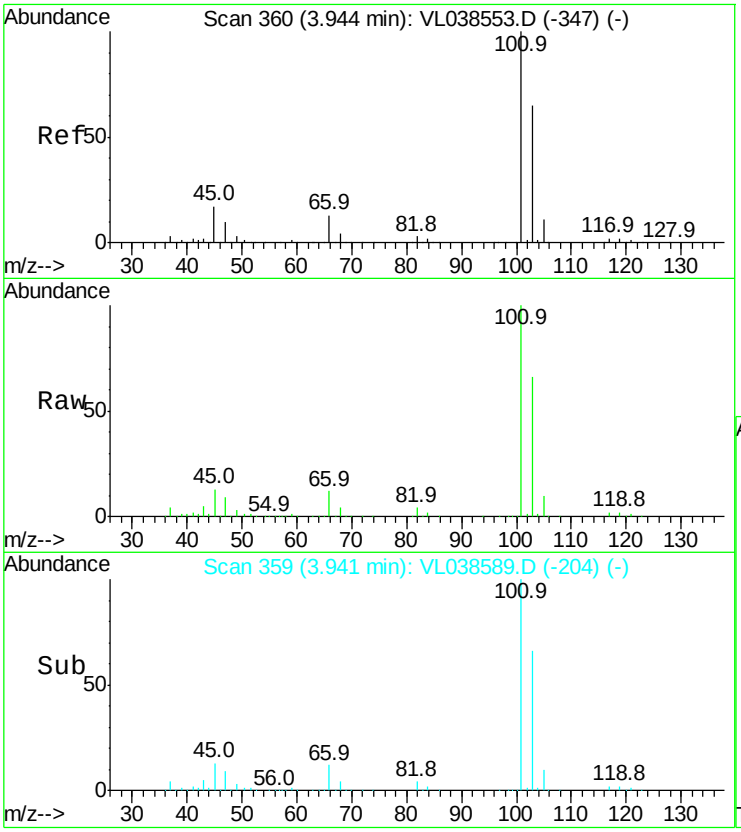




#10
Heptane
Concen: 10.42 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 43 Resp: 1287408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 50.8 | 39.6 | 59.4 |



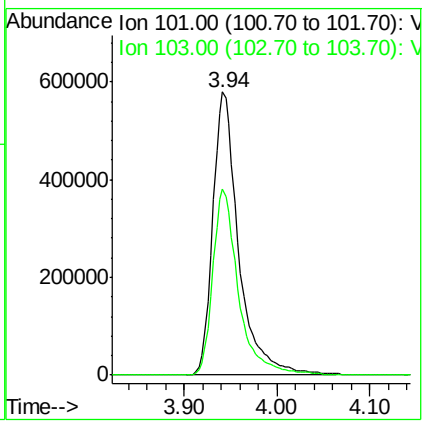


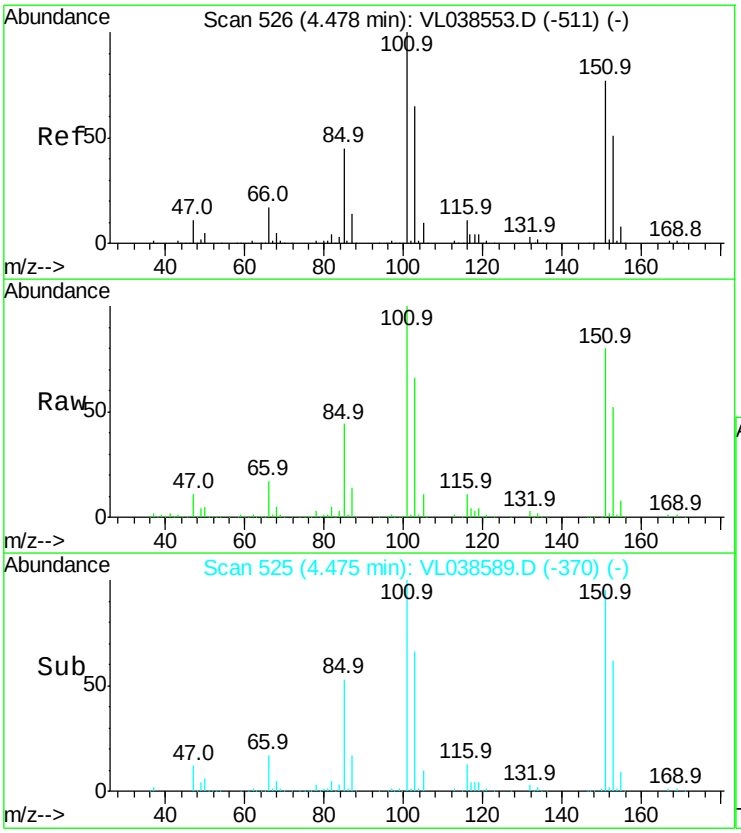

#11
Trichlorofluoromethane
Concen: 10.20 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:101 Resp: 1121079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.8 | 52.0 | 78.0 |

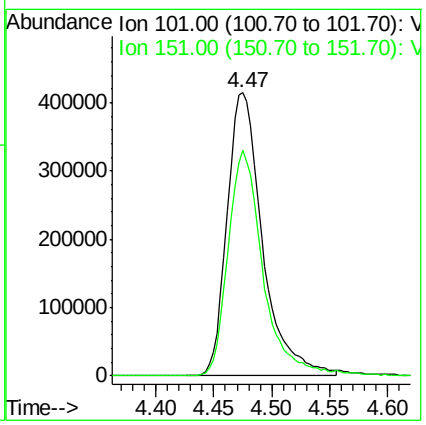


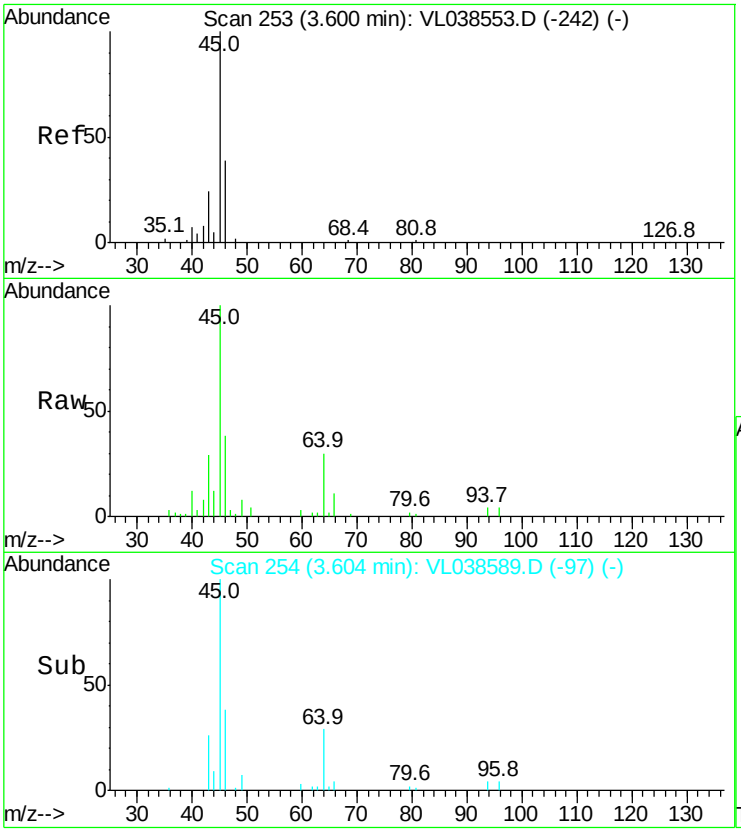




#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.26 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:101 Resp: 877067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 79.0 | 63.4 | 95.0 |



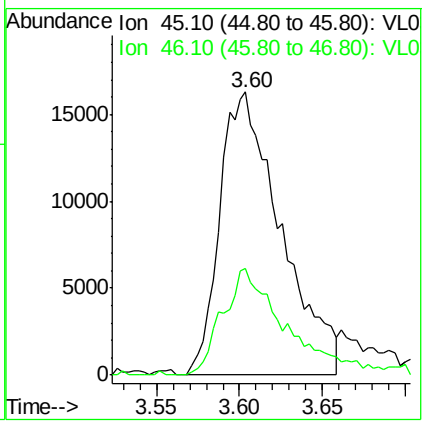


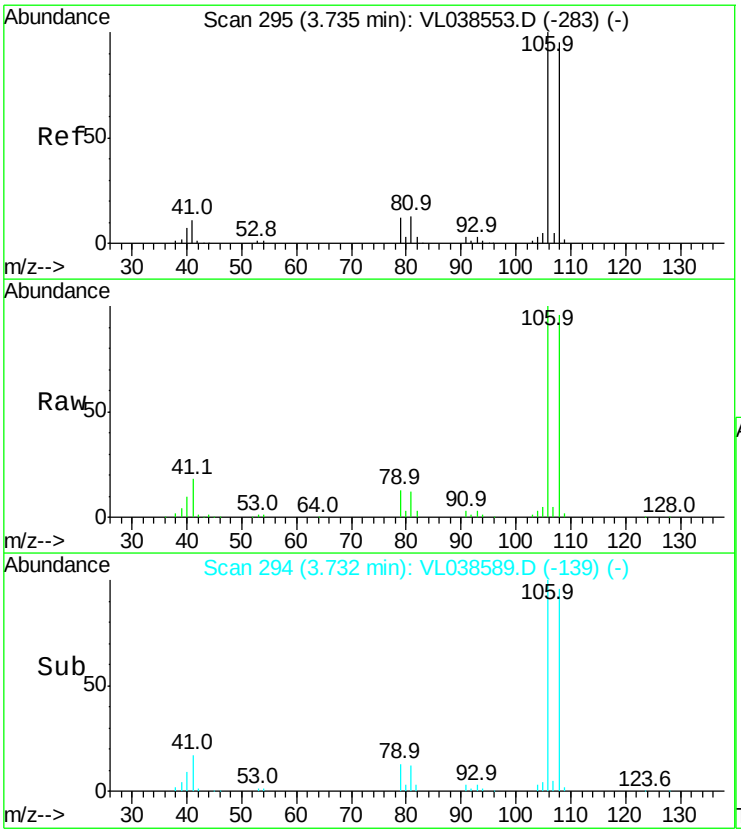

#13
Ethanol
Concen: 7.03 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 45 Resp: 41689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 40.1 | 16.8 | 67.0 |

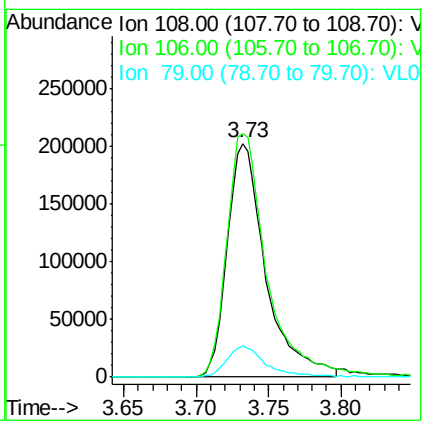


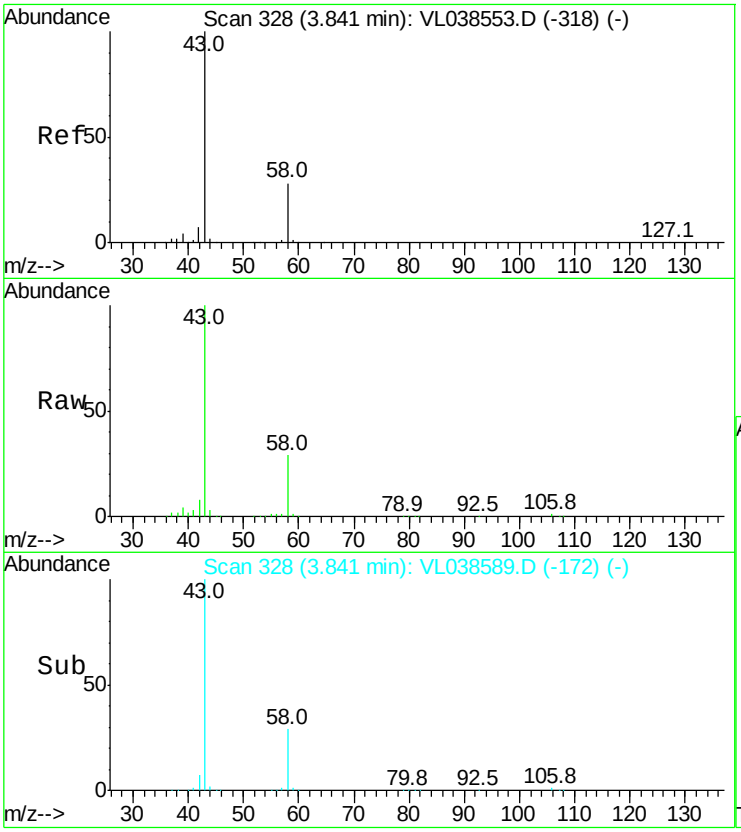




#14
Bromoethene
Concen: 10.23 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:108 Resp: 372428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 110.1 | 85.9 | 128.9 |
| 79 | 14.1 | 11.0 | 16.6 |



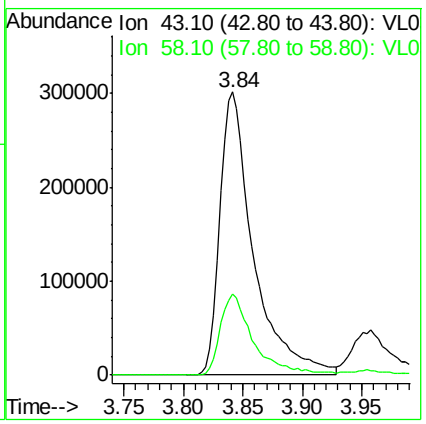


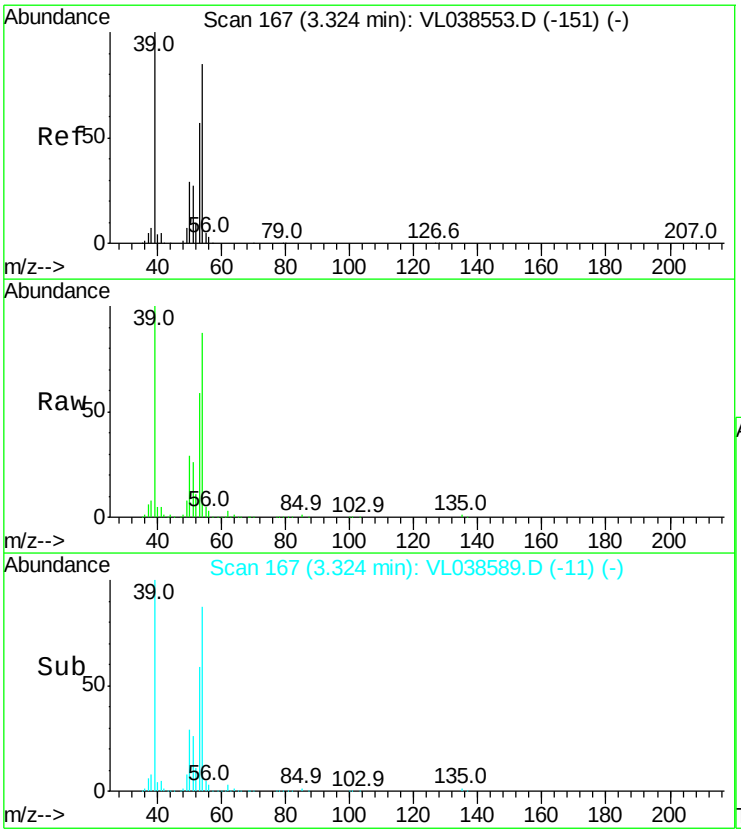

#15
Acetone
Concen: 10.06 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 43 Resp: 588801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.4 | 22.7 | 34.1 |

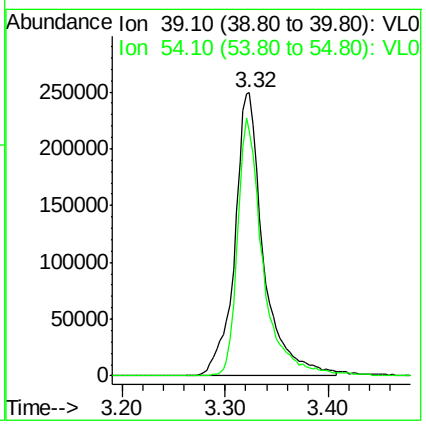


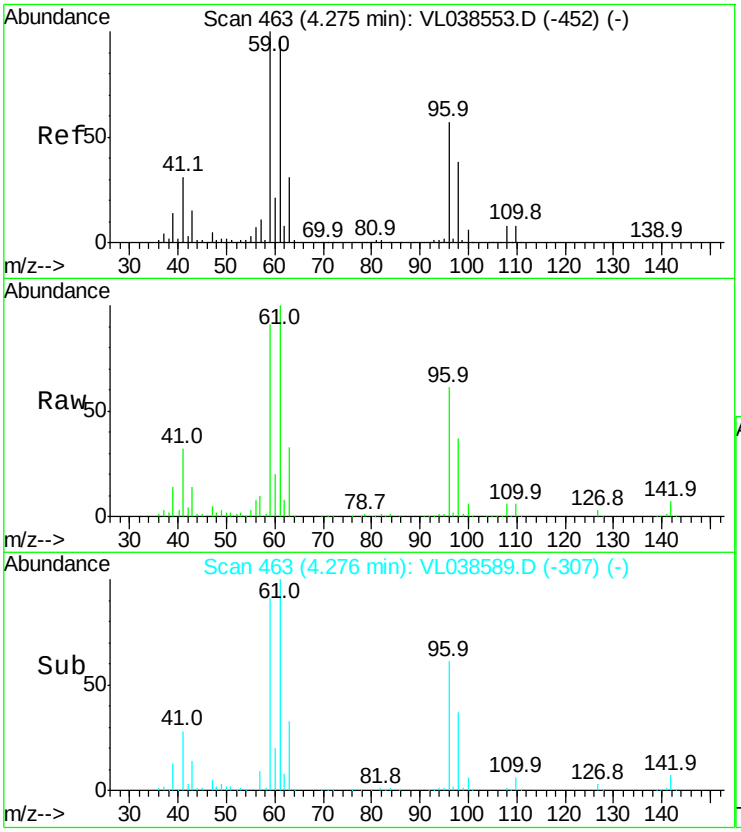




#16
1,3-Butadiene
Concen: 10.31 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 39 Resp: 485174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 80.9 | 64.2 | 96.2 |



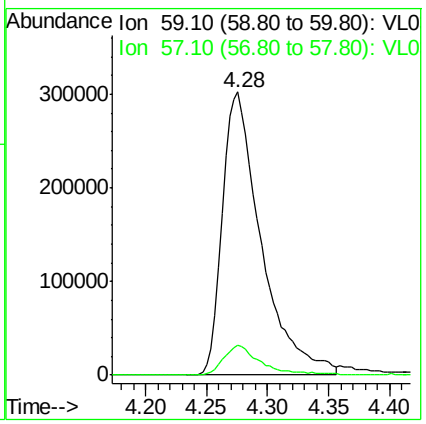


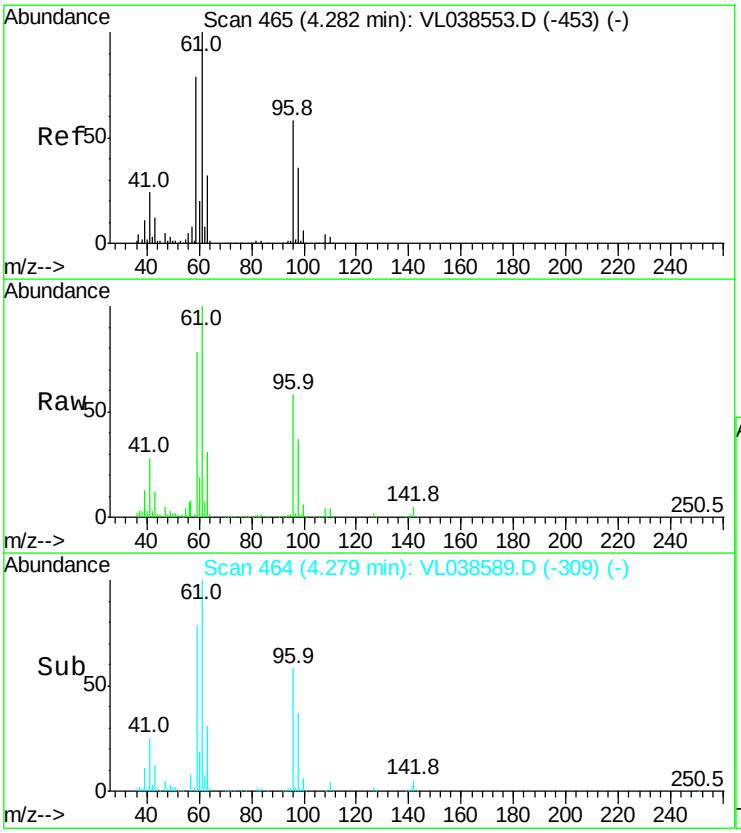

#17
tert-Butyl alcohol
Concen: 10.58 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 59 Resp: 672989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 8.1 | 12.1 |

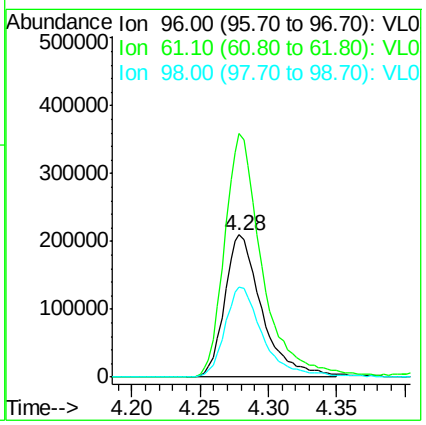


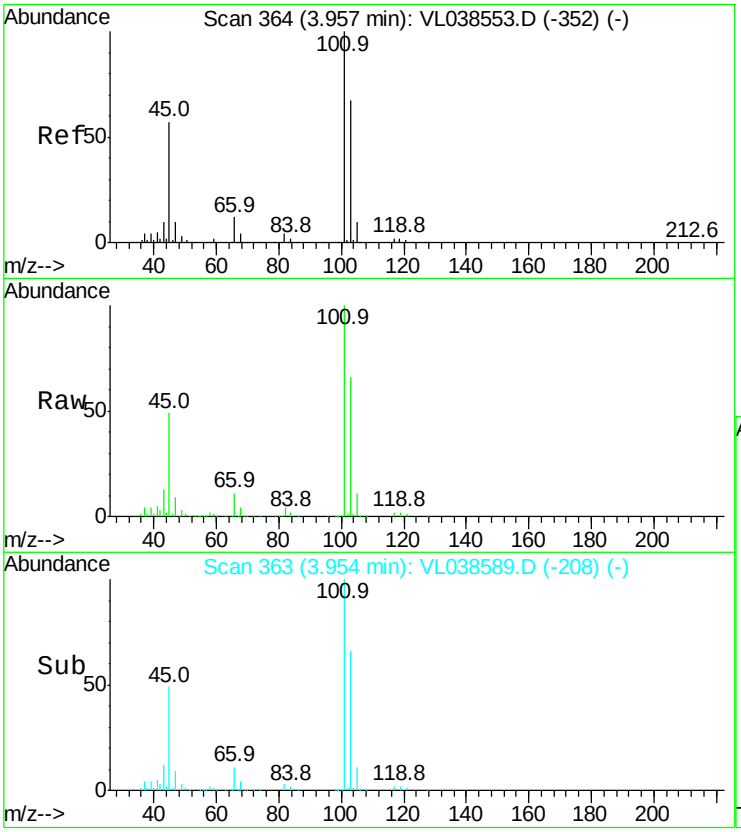




#18
1,1-Dichloroethene
Concen: 10.42 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 96 Resp: 398425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 171.5 | 137.4 | 206.0 |
| 98 | 63.7 | 49.3 | 73.9 |



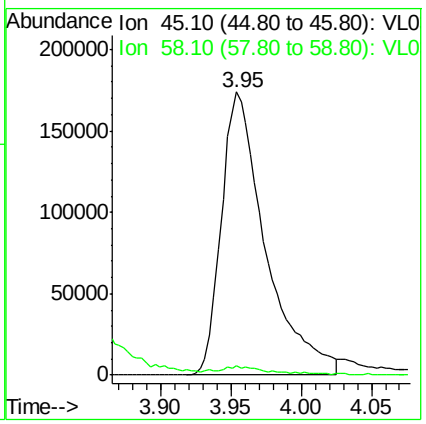


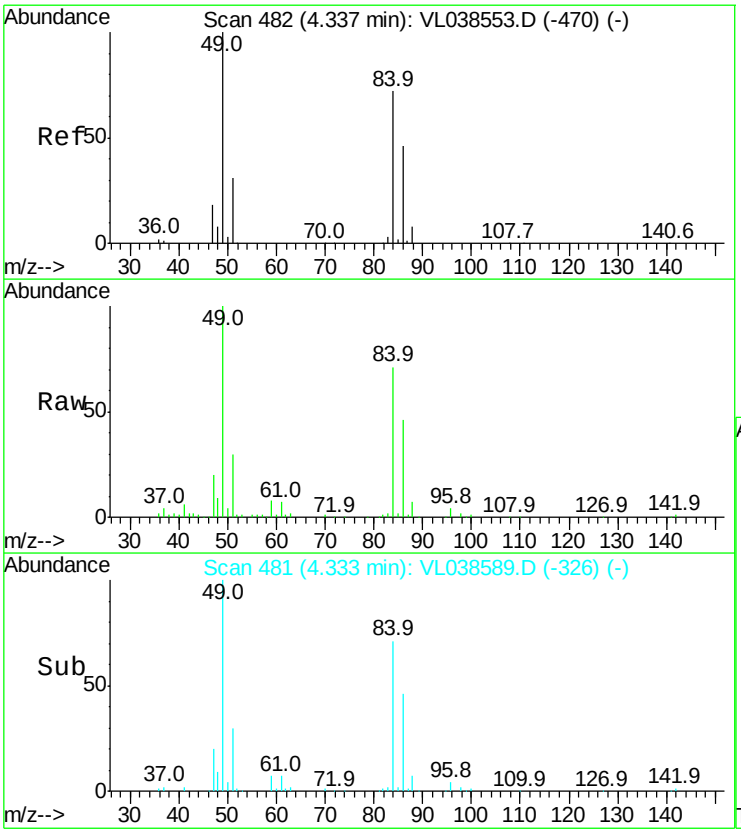

#19
Isopropyl Alcohol
Concen: 9.68 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 45 Resp: 378564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 3.9 | 2.2 | 3.2# |

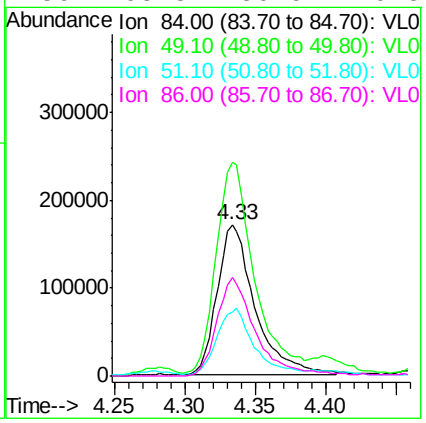


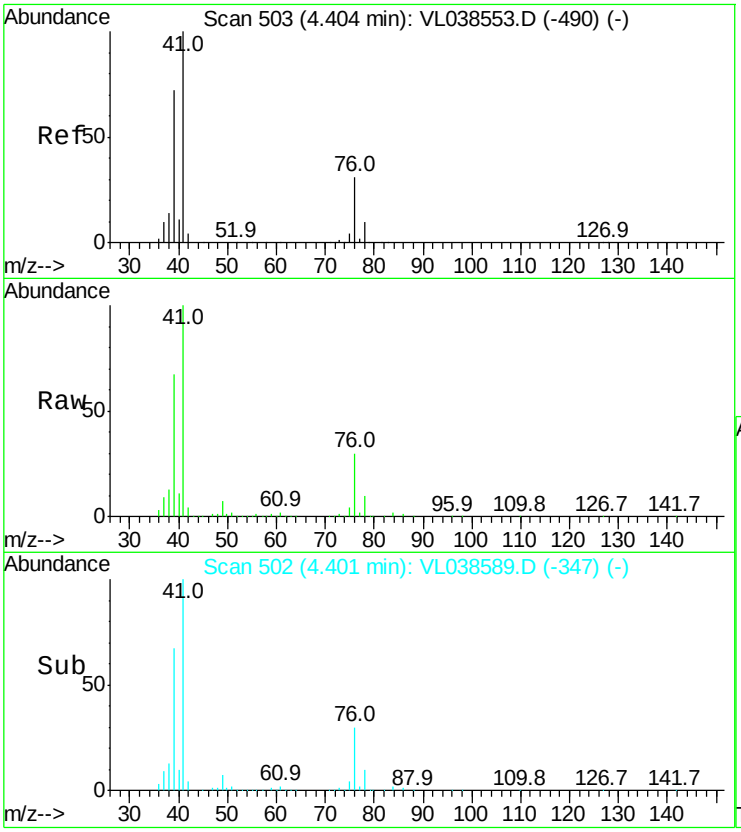




#20
Methylene Chloride
Concen: 9.15 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 84 Resp: 322191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 139.9 | 111.1 | 166.7 |
| 51 | 41.3 | 34.0 | 51.0 |
| 86 | 65.3 | 50.9 | 76.3 |



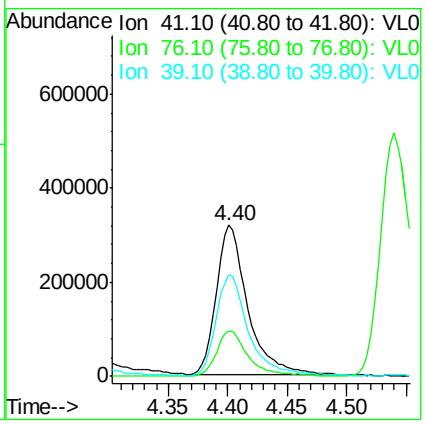


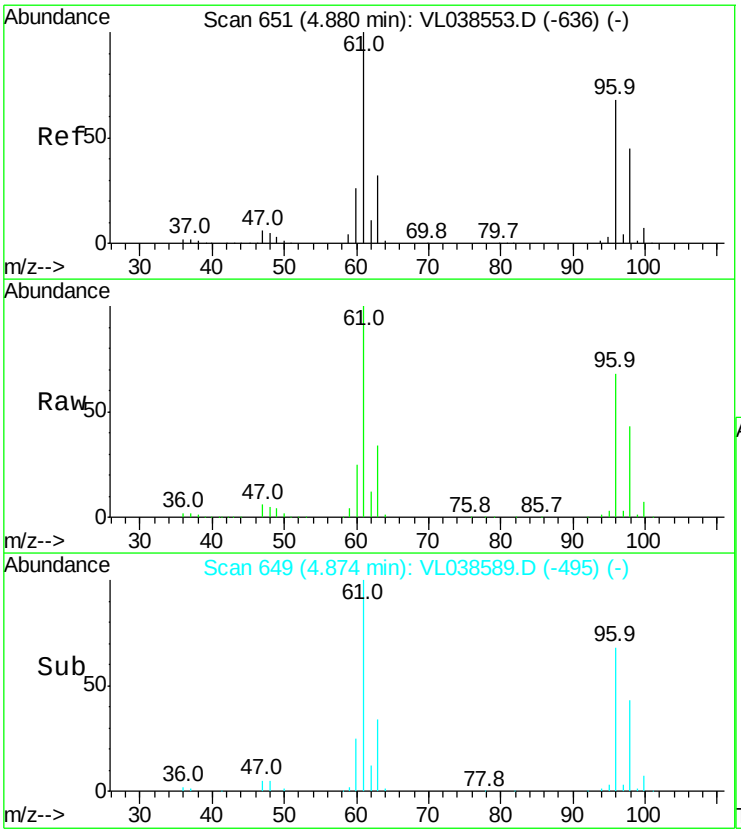

#21
Allyl Chloride
Concen: 10.31 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 41 Resp: 581532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 31.1 | 24.3 | 36.5 |
| 39 | 70.4 | 57.1 | 85.7 |

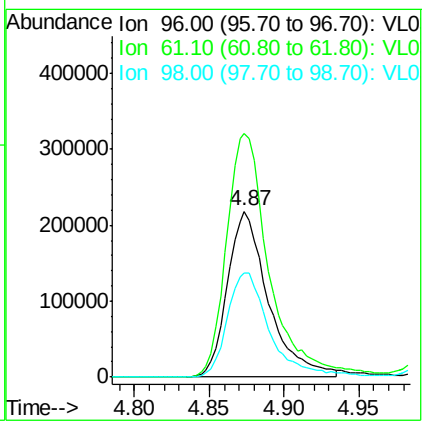


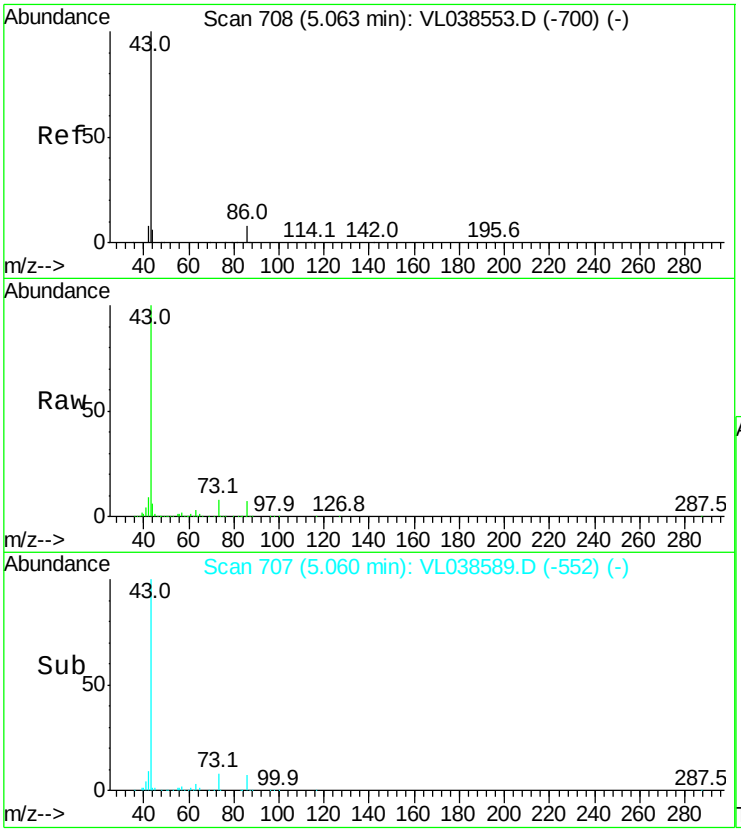




#22
trans-1,2-Dichloroethene
Concen: 10.39 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 96 Resp: 416458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.8 | 117.6 | 176.4 |
| 98 | 63.1 | 52.6 | 78.8 |



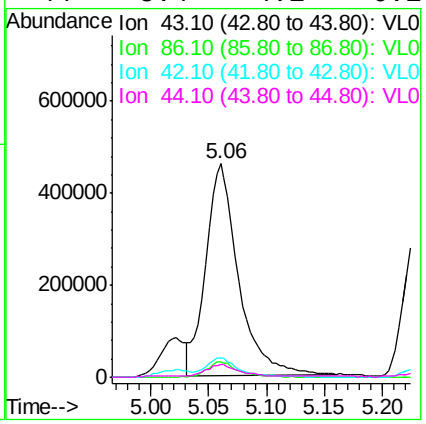


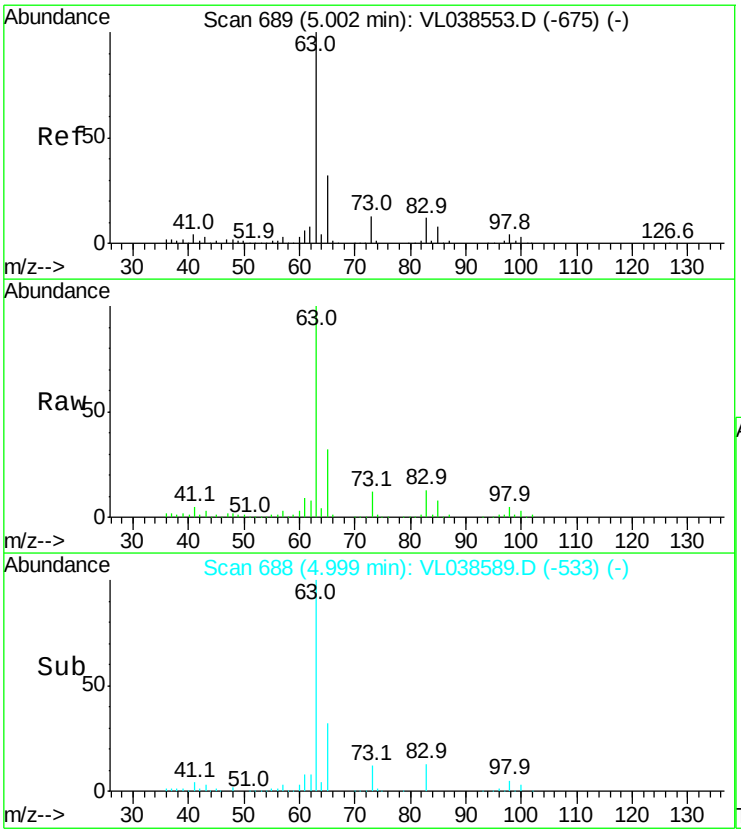

#23
Vinyl Acetate
Concen: 10.84 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 43 Resp: 909745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.0 | 5.6 | 8.4 |
| 42 | 8.7 | 7.1 | 10.7 |
| 44 | 5.4 | 4.1 | 6.1 |

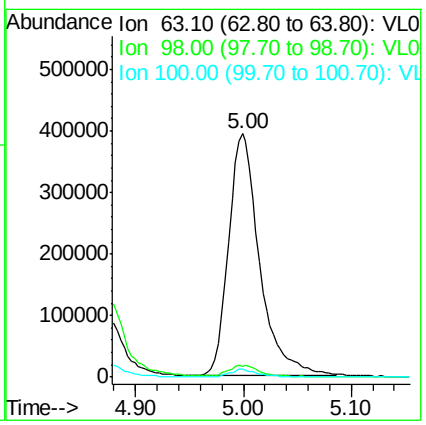


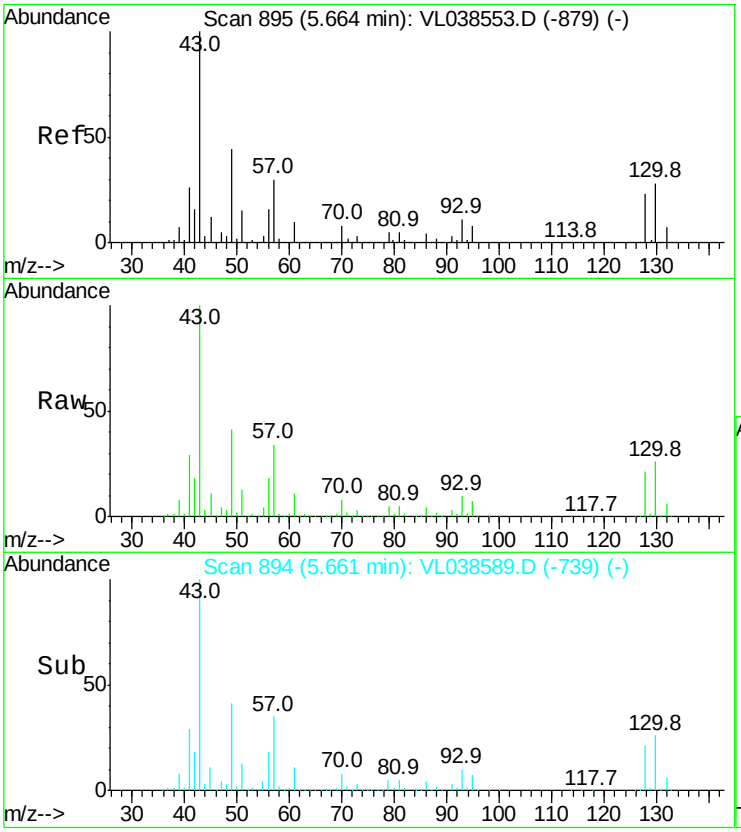




#24
1,1-Dichloroethane
Concen: 10.38 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 63 Resp: 791832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.5 | 2.2 | 6.6 |
| 100 | 3.1 | 1.5 | 4.5 |



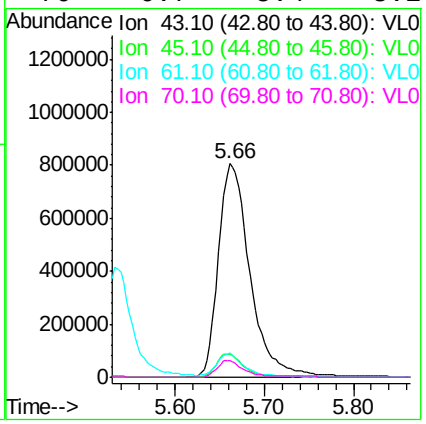


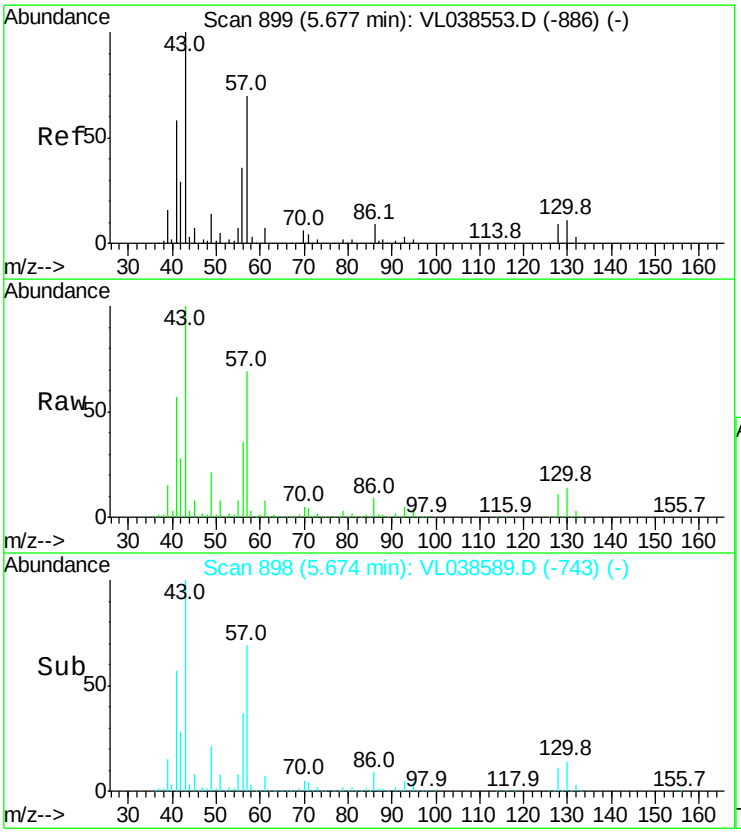

#25
Ethyl Acetate
Concen: 10.01 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 43 Resp: 1972770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.9 | 8.0 | 12.0 |
| 61 | 10.2 | 8.2 | 12.4 |
| 70 | 6.7 | 5.4 | 8.2 |

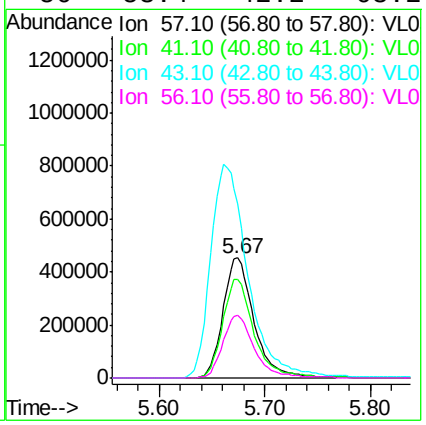


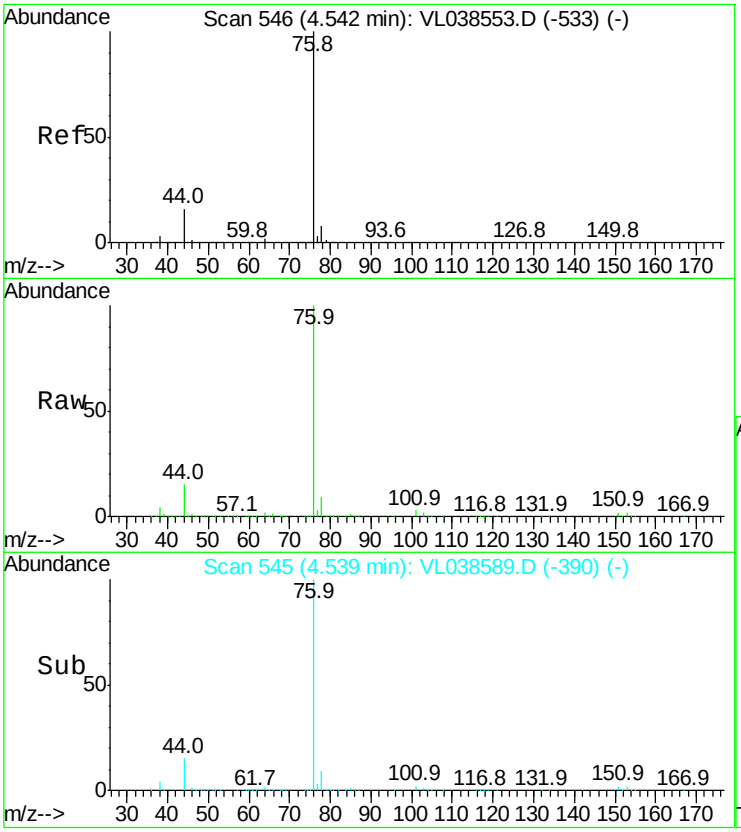




#26
Hexane
Concen: 9.96 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 57 Resp: 922042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 84.6 | 67.8 | 101.6 |
| 43 | 215.8 | 173.6 | 260.4 |
| 56 | 53.4 | 42.2 | 63.2 |



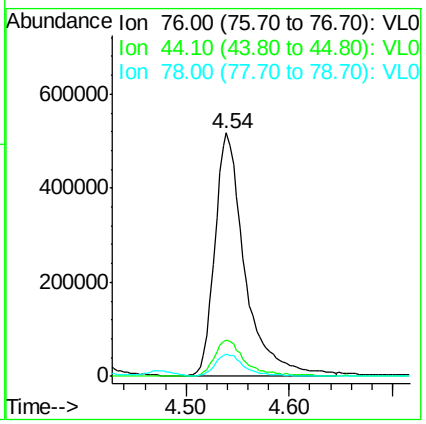


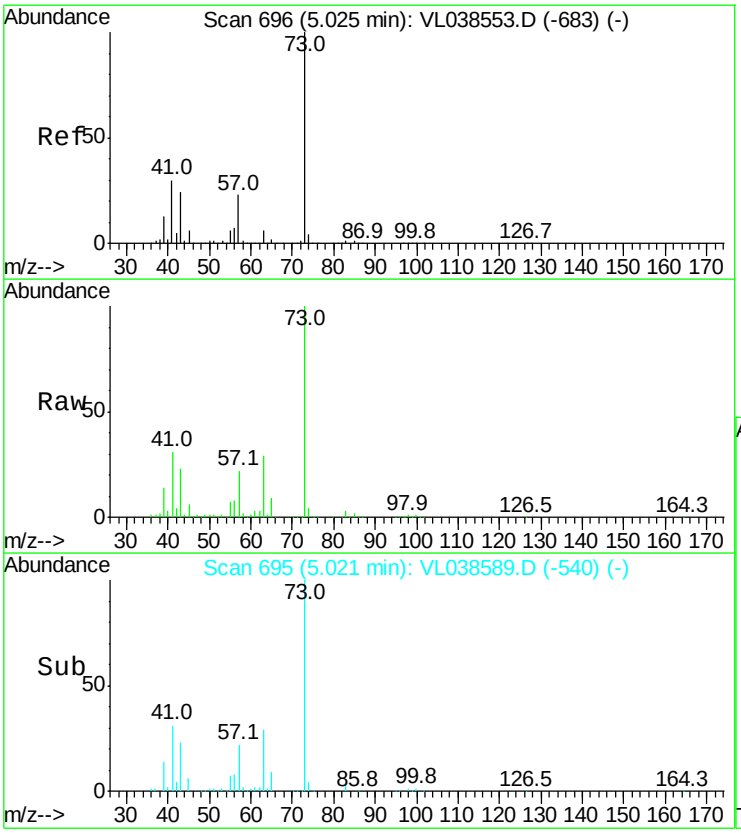

#27
Carbon Disulfide
Concen: 11.29 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 76 Resp: 1041240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 15.1 | 12.9 | 19.3 |
| 78 | 9.3 | 7.8 | 11.6 |

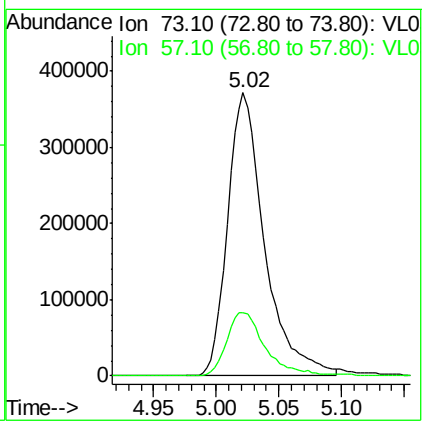


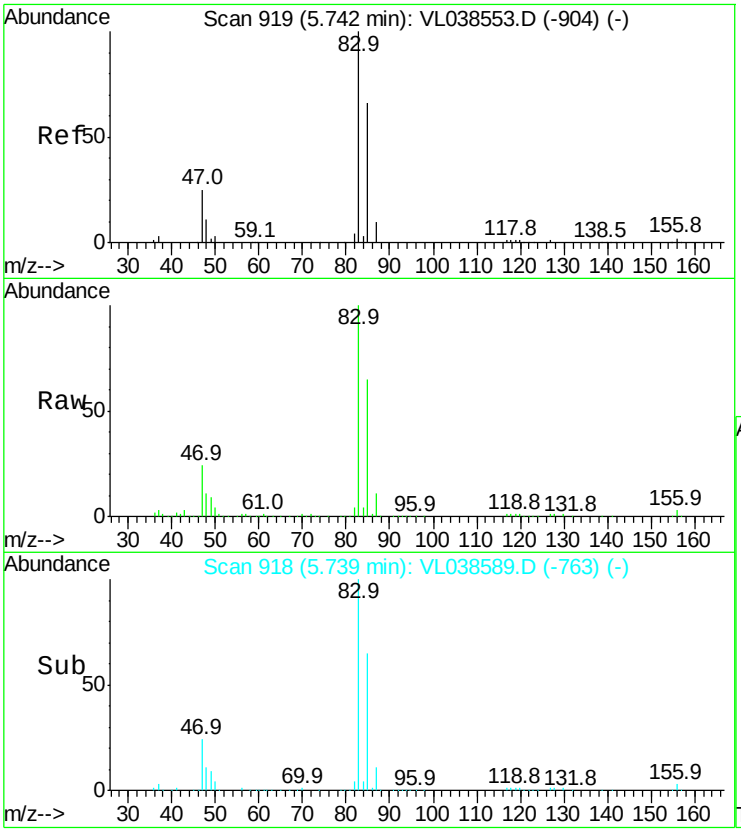




#28
Methyl tert-Butyl Ether
Concen: 10.09 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 73 Resp: 760676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.0 | 18.8 | 28.2 |



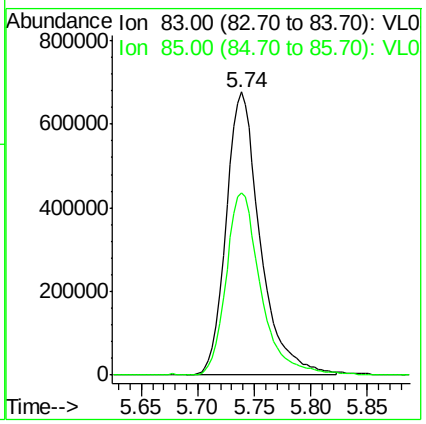


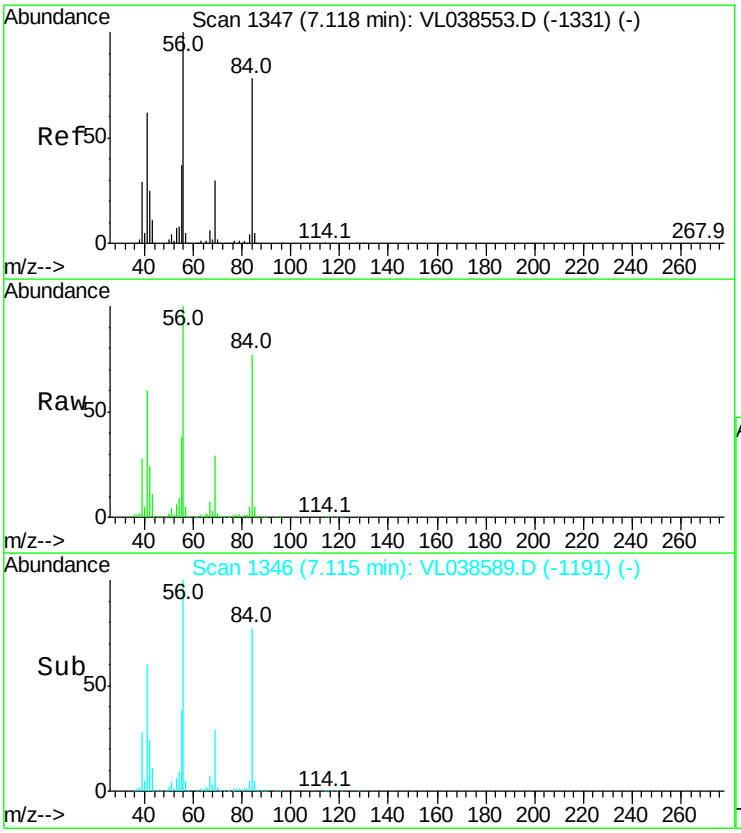

#29
Chloroform
Concen: 9.87 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 83 Resp: 1422222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 52.8 | 79.2 |

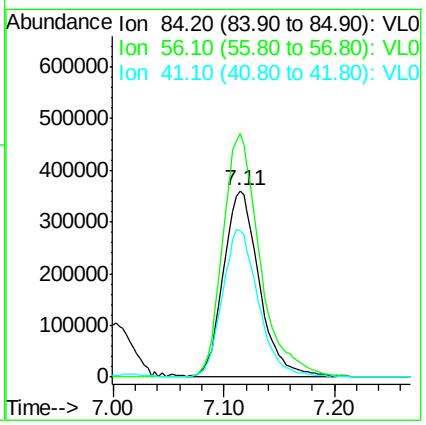


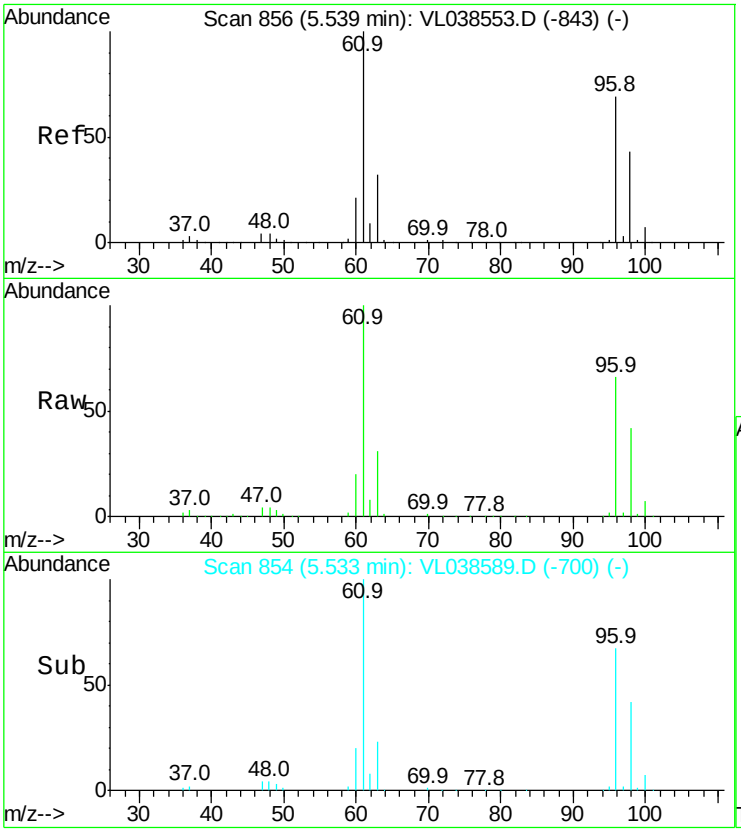




#30
Cyclohexane
Concen: 10.18 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 84 Resp: 815077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 135.4 | 111.4 | 167.0 |
| 41 | 79.8 | 65.5 | 98.3 |



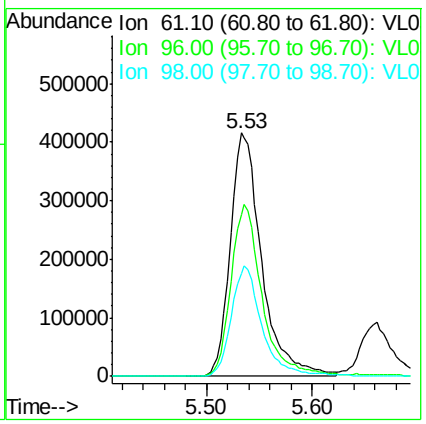


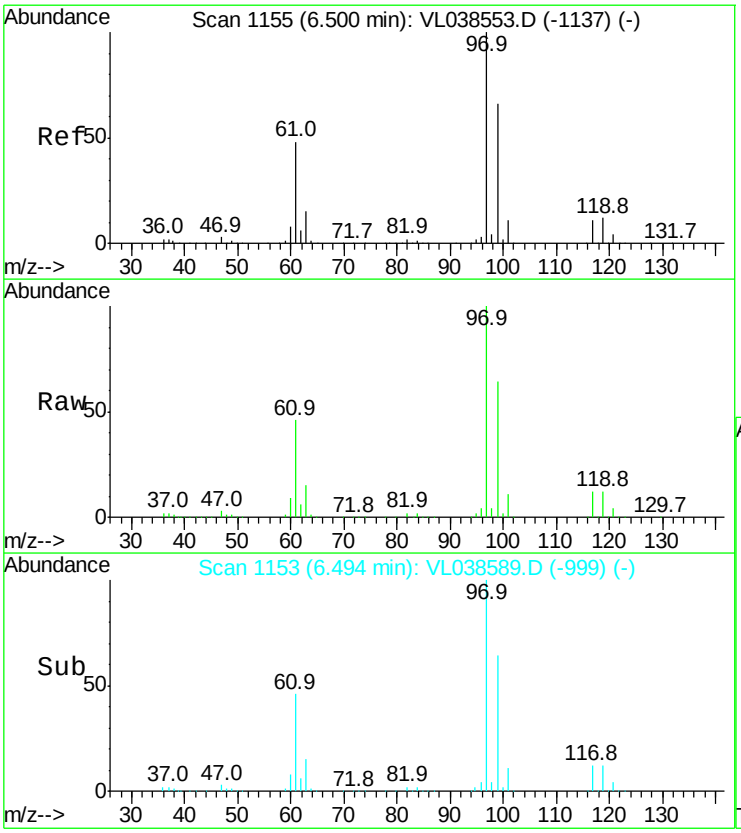

#31
cis-1,2-Dichloroethene
Concen: 9.65 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 61 Resp: 854763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 66.2 | 55.2 | 82.8 |
| 98 | 42.1 | 34.2 | 51.4 |

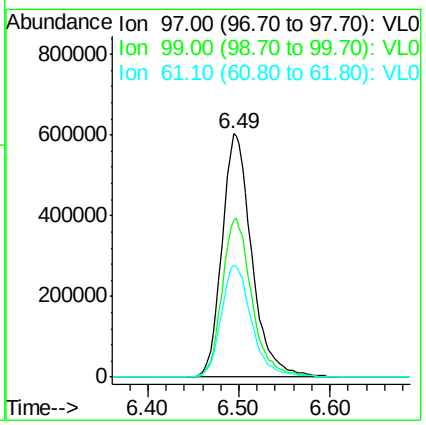


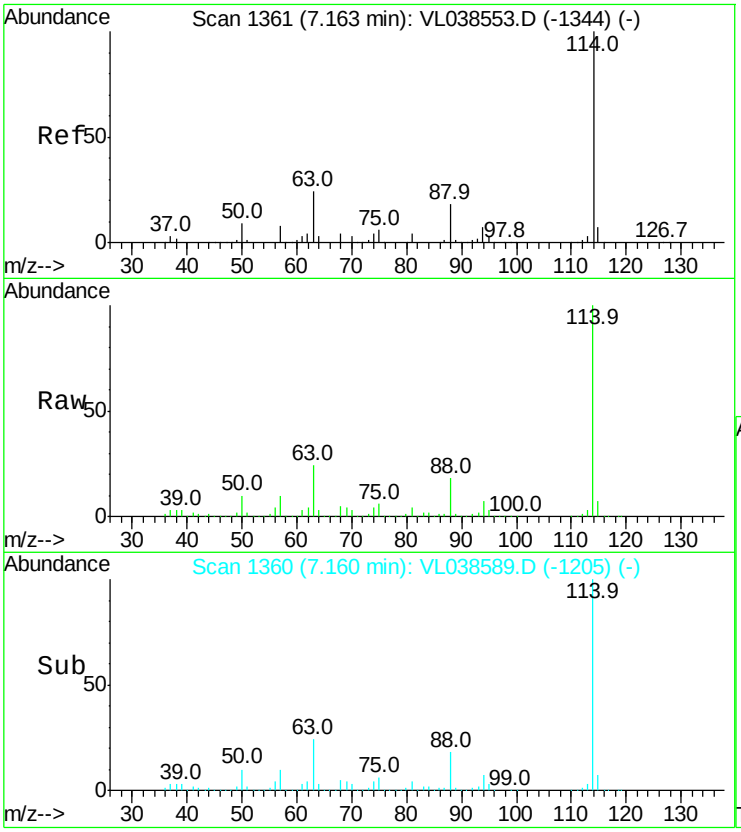




#32
1,1,1-Trichloroethane
Concen: 9.78 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 97 Resp: 1367125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.3 | 52.1 | 78.1 |
| 61 | 46.9 | 37.7 | 56.5 |



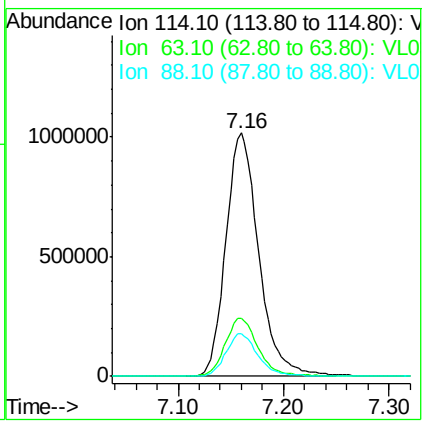


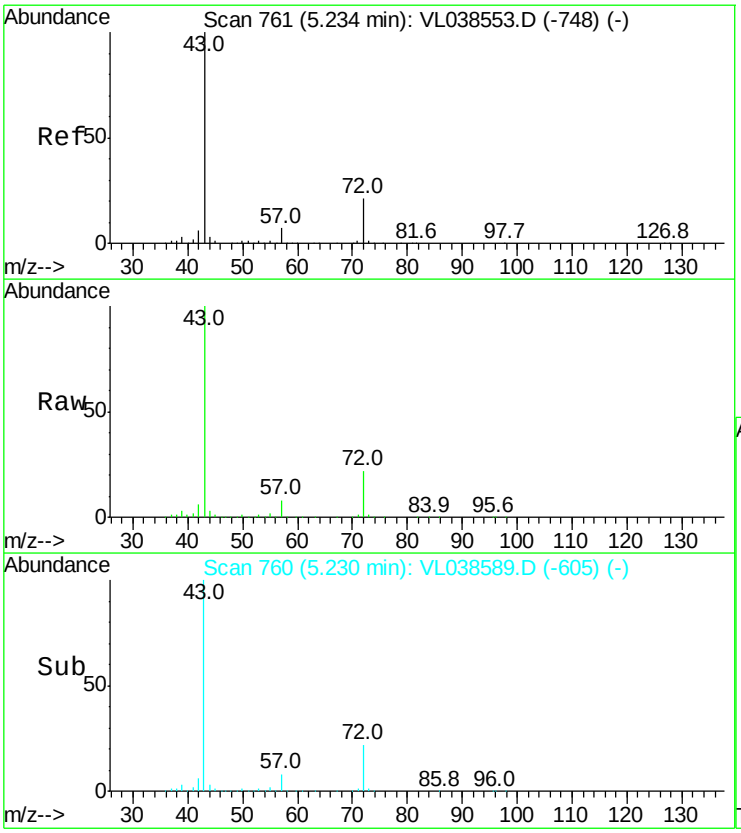

#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:114 Resp: 2197471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.2 | 19.6 | 29.4 |
| 88 | 17.3 | 13.9 | 20.9 |

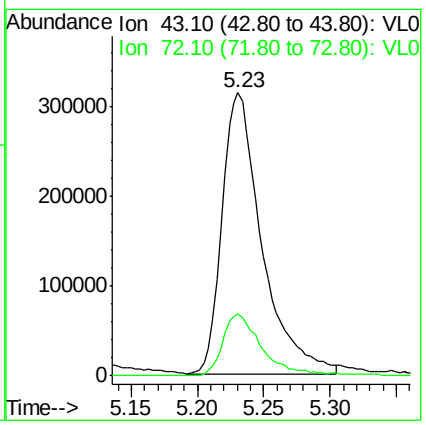


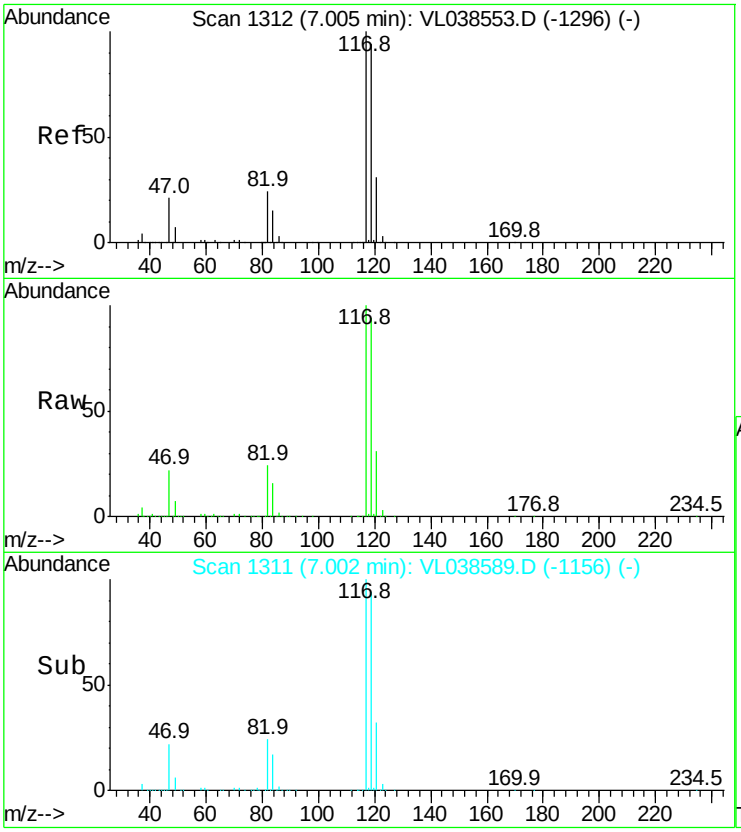




#34
2-Butanone
Concen: 11.44 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 43 Resp: 651690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.6 | 17.8 | 26.6 |



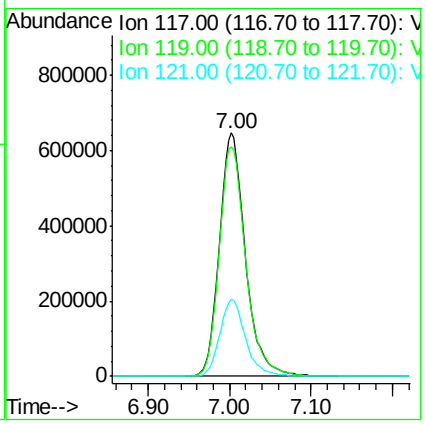


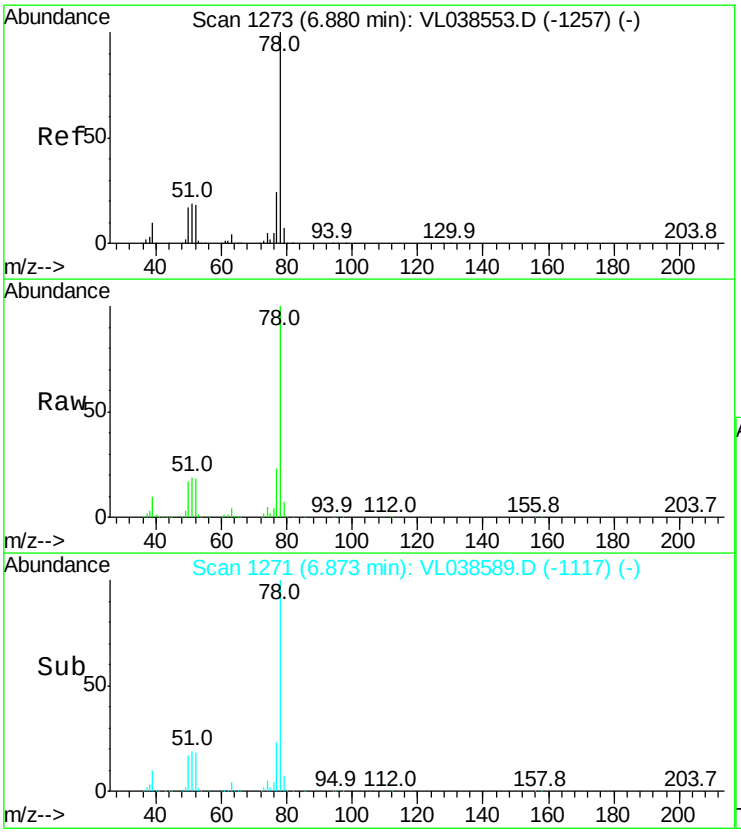

#35
Carbon Tetrachloride
Concen: 9.71 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:117 Resp: 1455477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.2 | 75.2 | 112.8 |
| 121 | 31.5 | 24.8 | 37.2 |

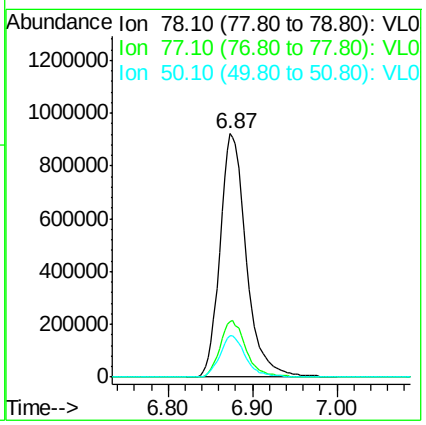


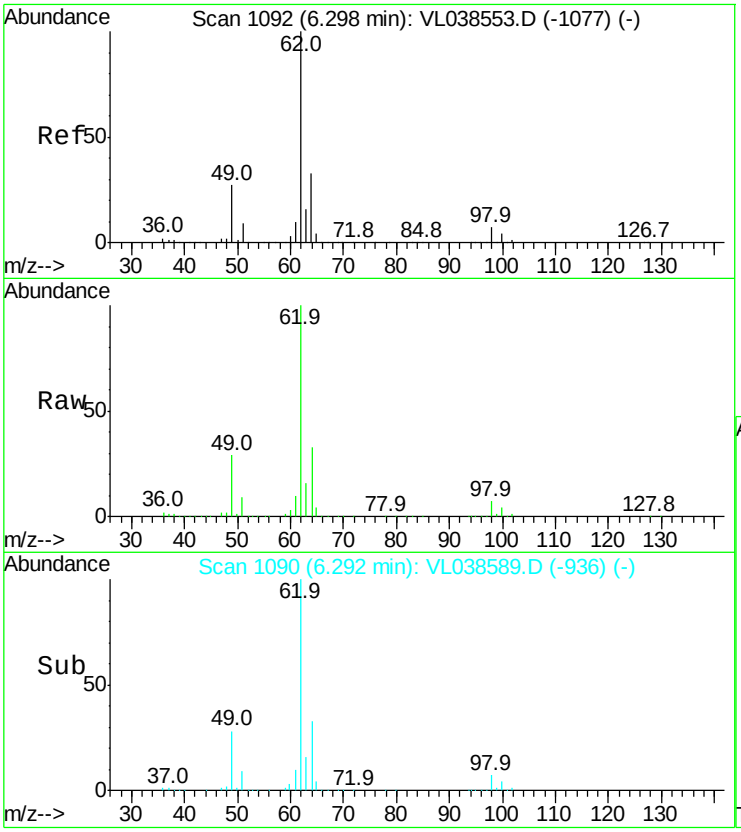




#36
Benzene
Concen: 10.05 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 78 Resp: 1992546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.7 | 19.0 | 28.4 |
| 50 | 17.2 | 13.9 | 20.9 |



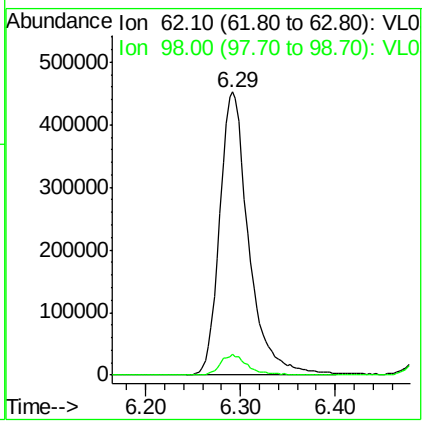


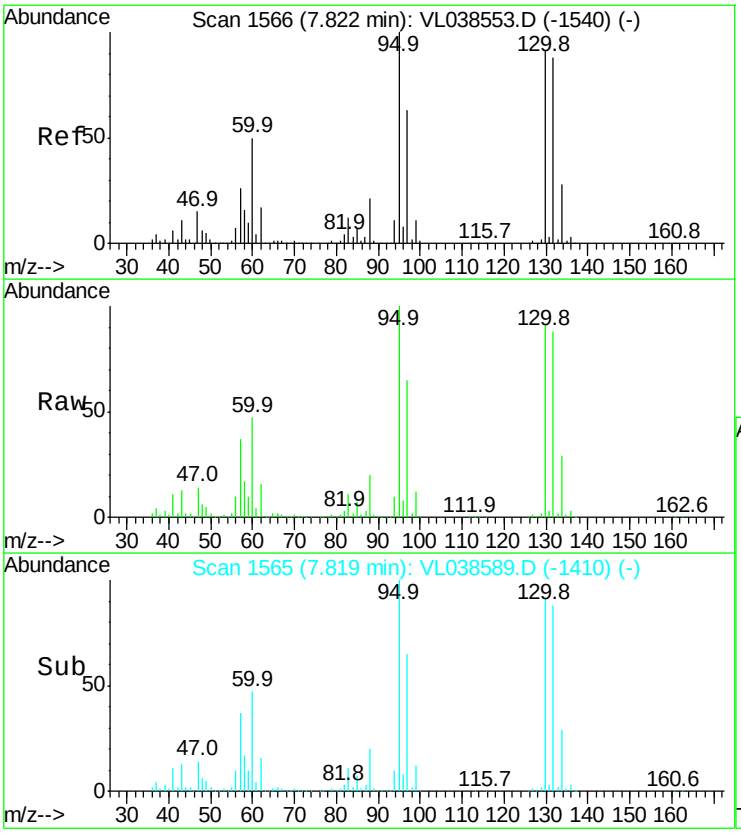

#37
1,2-Dichloroethane
Concen: 10.21 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 62 Resp: 967408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.1 | 5.7 | 8.5 |

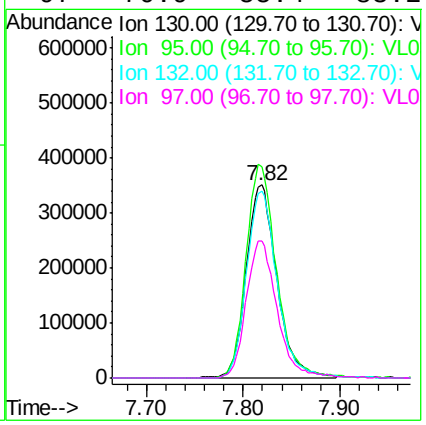


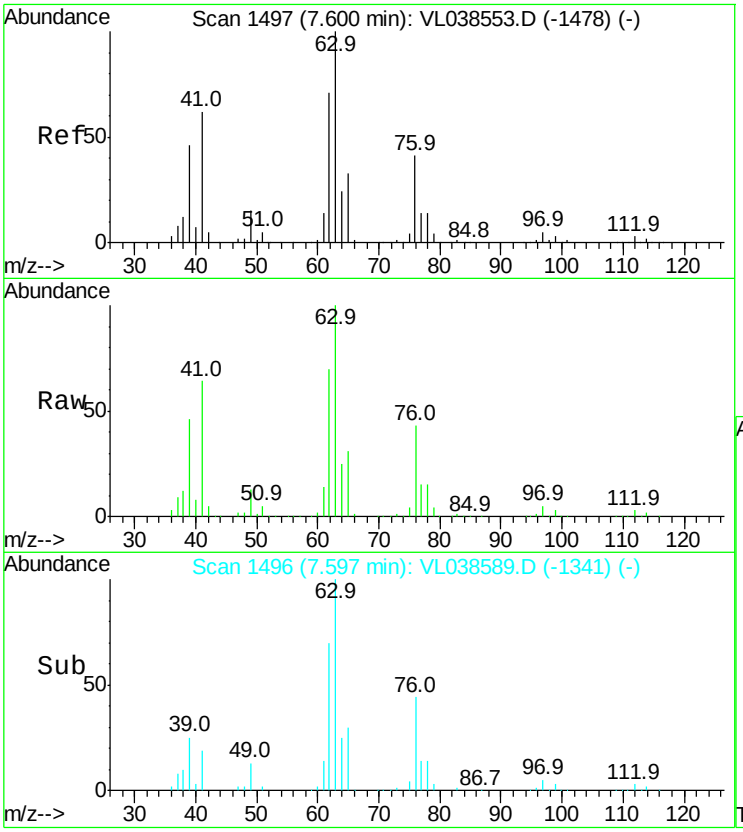




#38
Trichloroethene
Concen: 9.74 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:130 Resp: 771262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 109.7 | 87.8 | 131.8 |
| 132 | 97.1 | 77.5 | 116.3 |
| 97 | 70.9 | 55.4 | 83.2 |



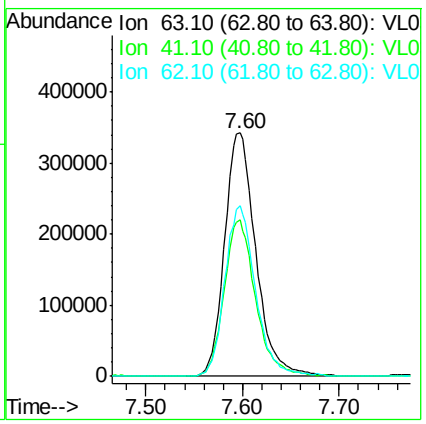


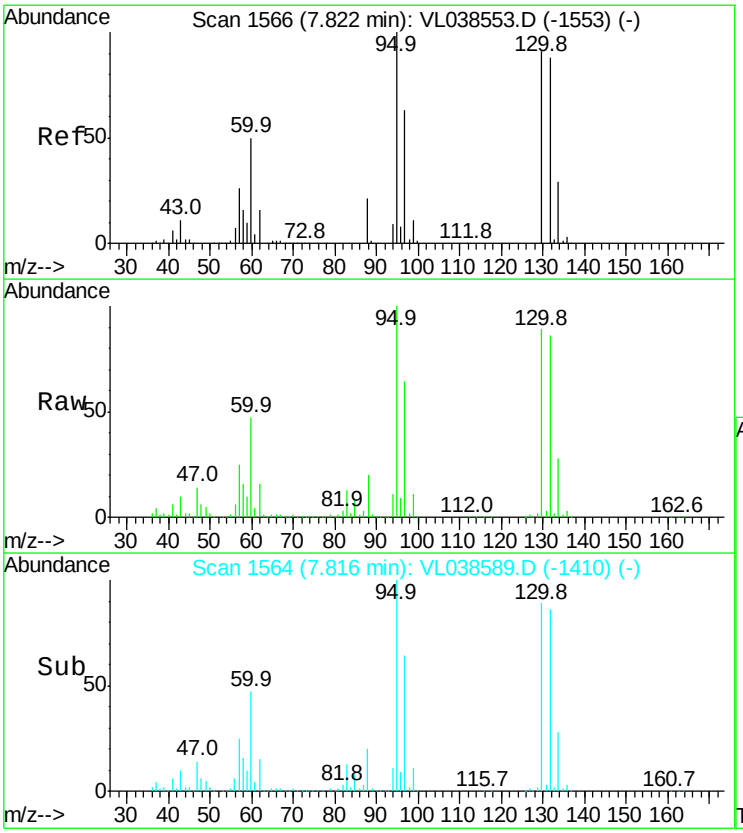

#39
1,2-Dichloropropane
Concen: 10.05 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 63 Resp: 766419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 64.4 | 49.8 | 74.6 |
| 62 | 70.3 | 56.7 | 85.1 |

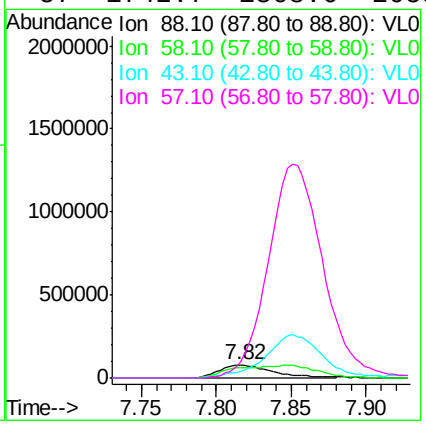


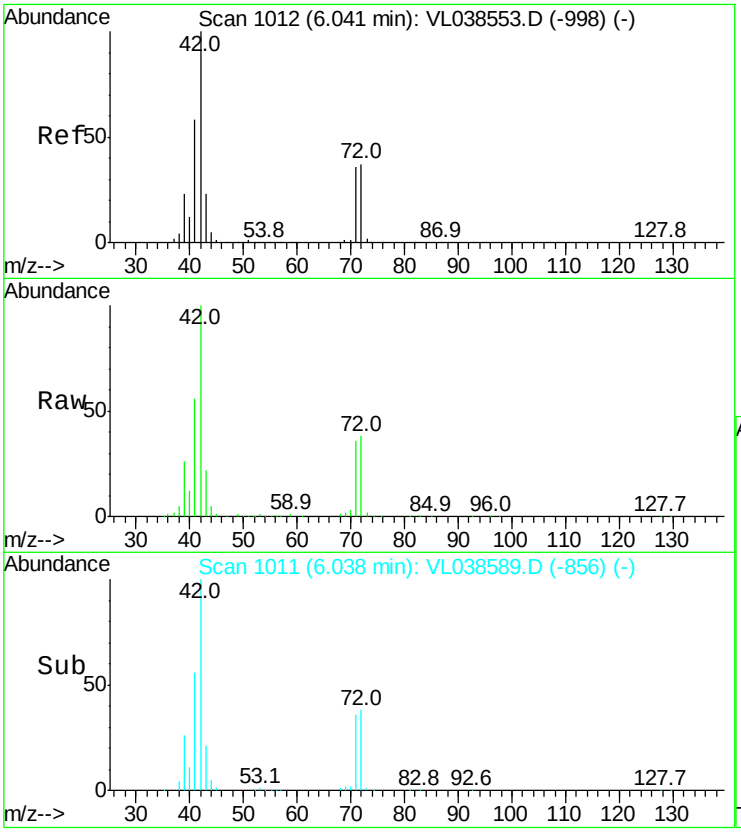




#40
1,4-Dioxane
Concen: 9.93 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 88 Resp: 189538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 160.9 | 126.7 | 190.1 |
| 43 | 366.3 | 303.0 | 454.6 |
| 57 | 1742.7 | 1368.6 | 2053.0 |



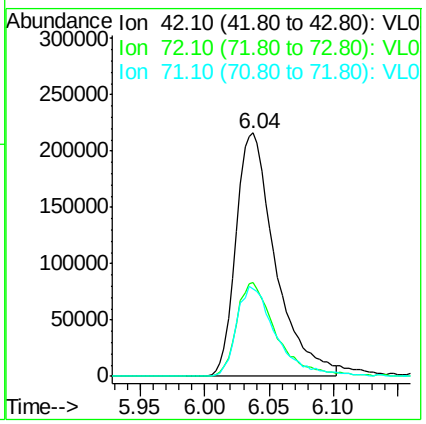


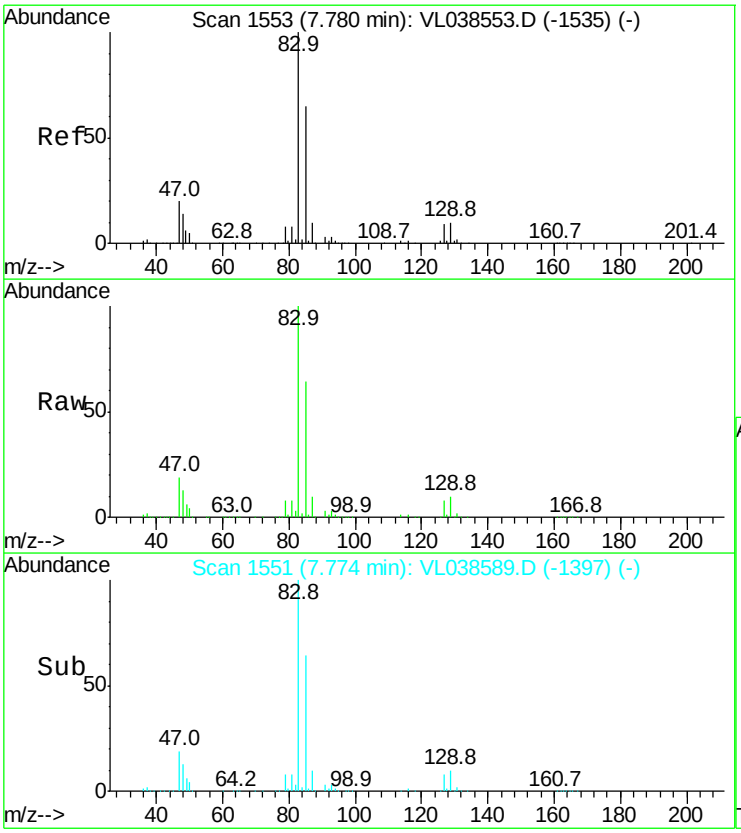

#41
Tetrahydrofuran
Concen: 9.87 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 42 Resp: 459808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.0 | 30.9 | 46.3 |
| 71 | 37.6 | 29.1 | 43.7 |

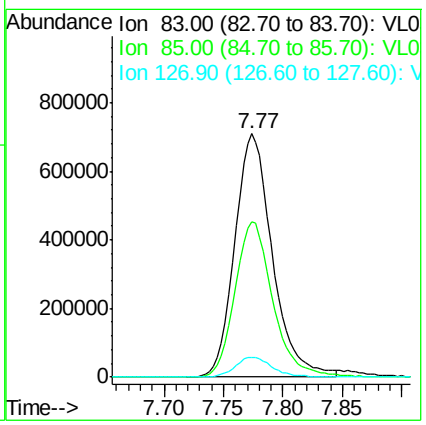


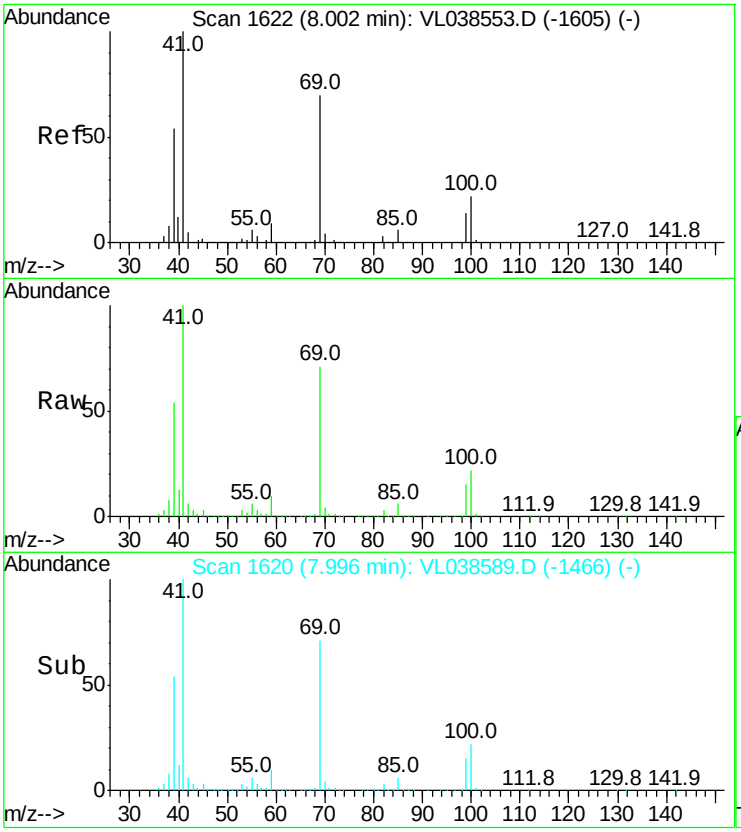




#42
Bromodichloromethane
Concen: 10.36 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 83 Resp: 1556355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.0 | 51.7 | 77.5 |
| 127 | 8.2 | 6.9 | 10.3 |



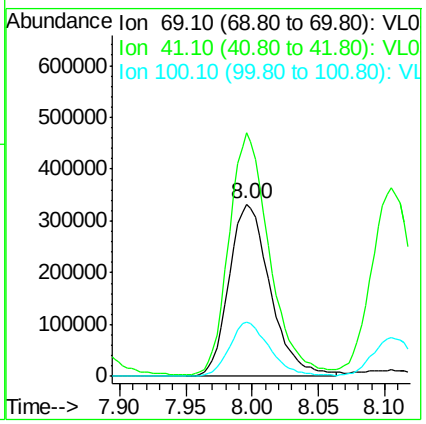


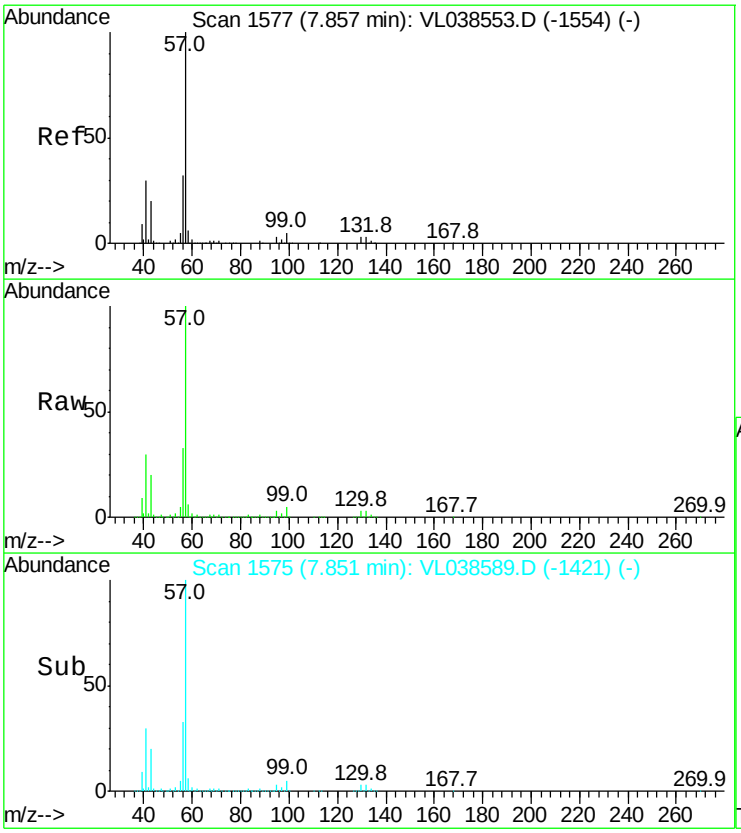

#43
Methyl Methacrylate
Concen: 10.53 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 69 Resp: 716976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 139.2 | 113.8 | 170.6 |
| 100 | 30.9 | 24.4 | 36.6 |

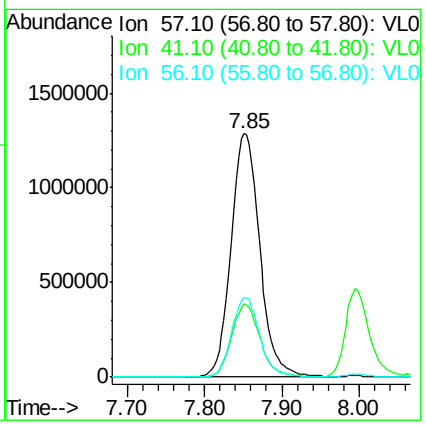


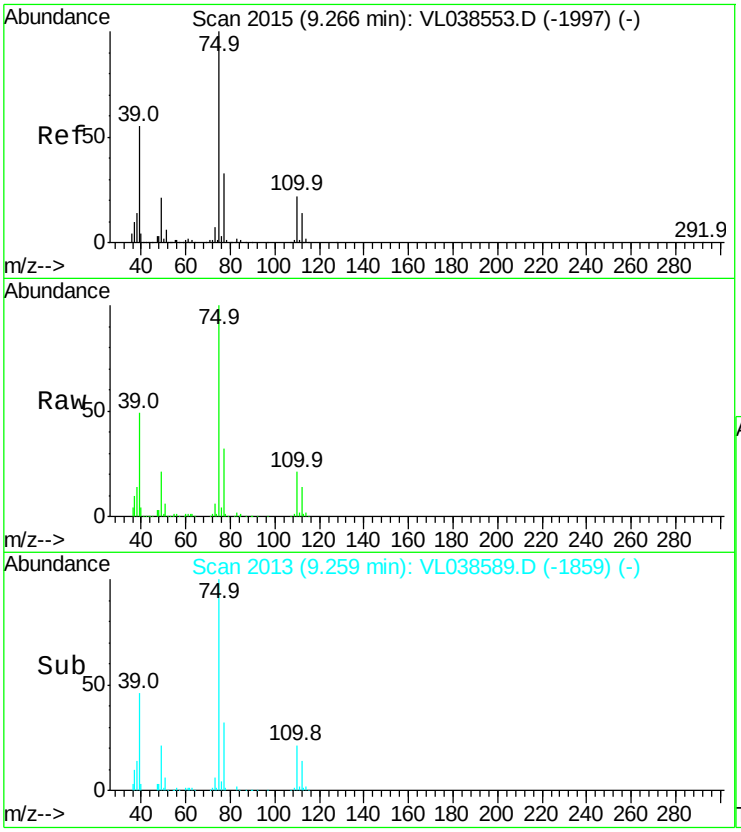




#44
2,2,4-Trimethylpentane
Concen: 9.86 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 57 Resp: 3304417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 29.9 | 24.0 | 36.0 |
| 56 | 31.9 | 25.6 | 38.4 |



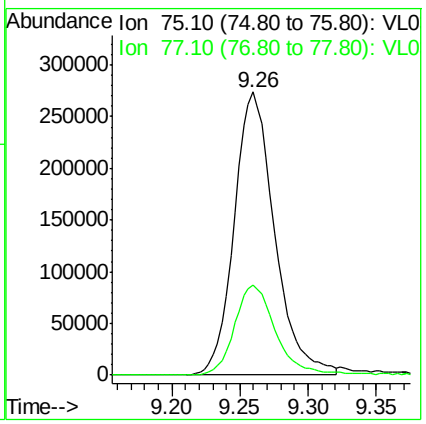


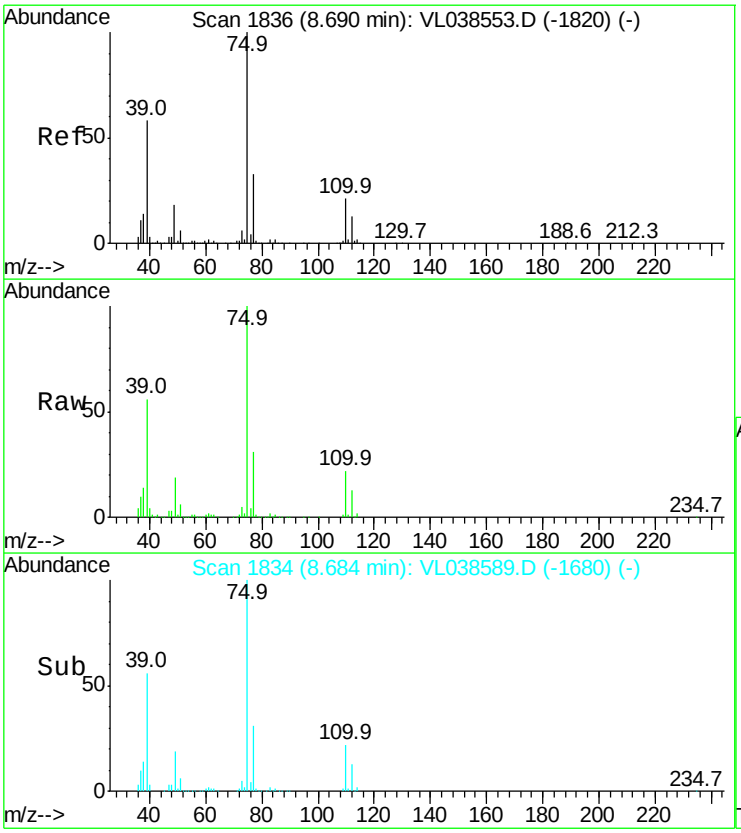

#45
t-1,3-Dichloropropene
Concen: 11.45 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 75 Resp: 561707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 26.6 | 40.0 |

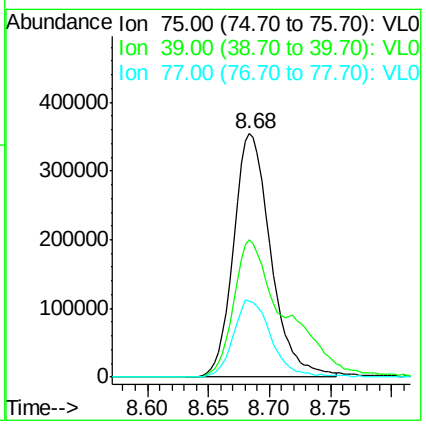


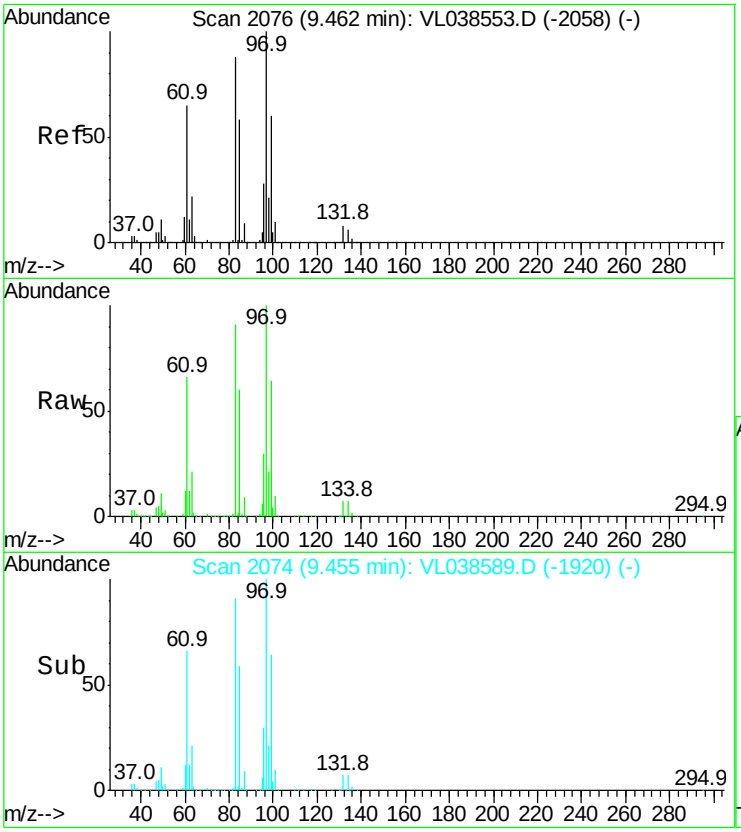




#46
cis-1,3-Dichloropropene
Concen: 11.16 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 75 Resp: 748793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 56.3 | 46.2 | 69.2 |
| 77 | 31.0 | 26.2 | 39.2 |



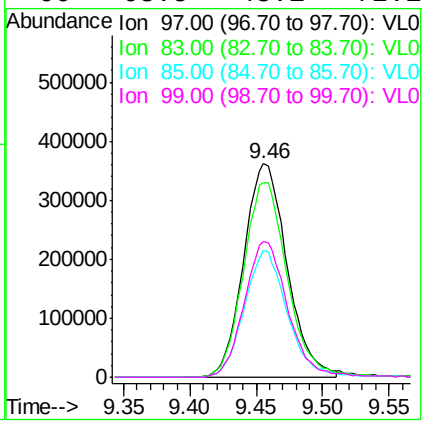


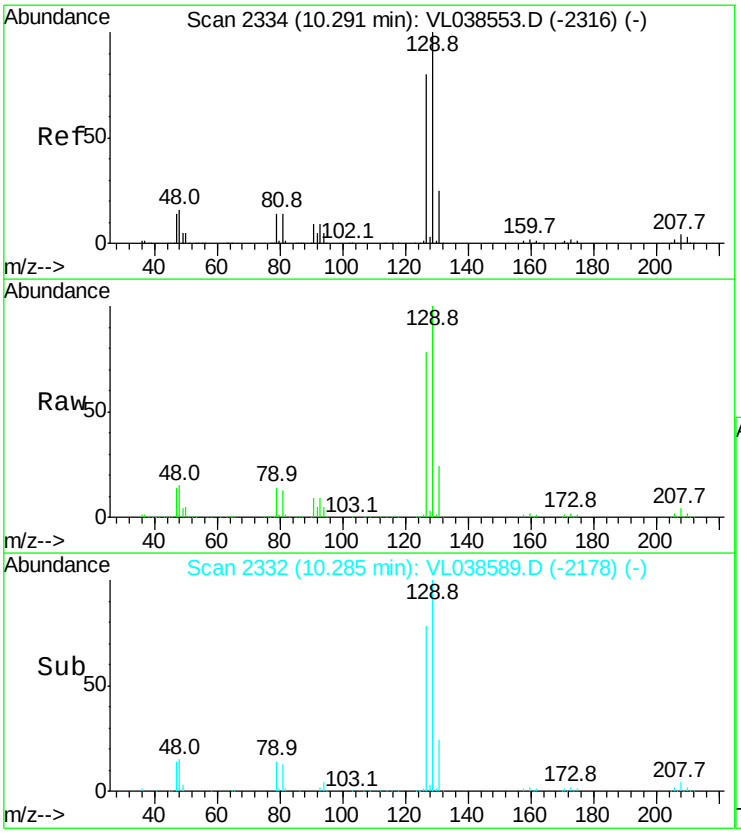

#47
1,1,2-Trichloroethane
Concen: 10.58 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 97 Resp: 822650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 90.9 | 70.1 | 105.1 |
| 85 | 59.6 | 46.6 | 69.8 |
| 99 | 63.5 | 48.1 | 72.1 |

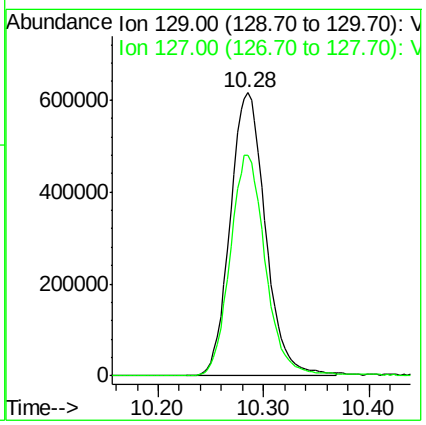


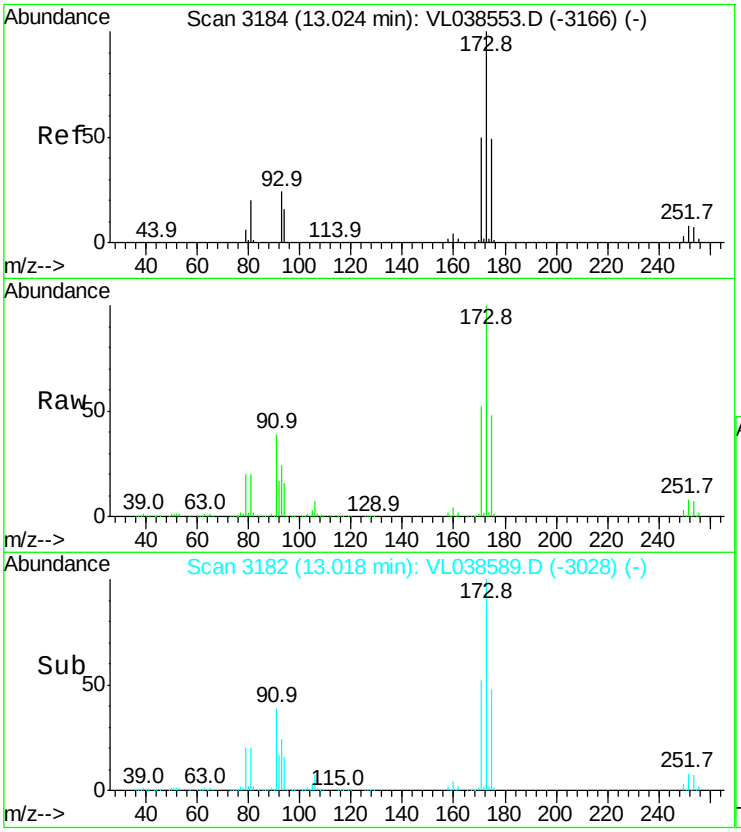




#48
Dibromochloromethane
Concen: 11.59 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:129 Resp: 1430871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.8 | 39.5 | 118.3 |



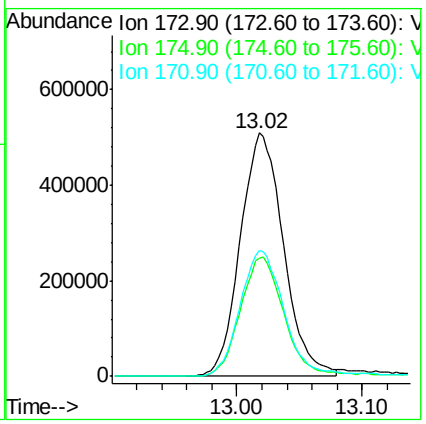


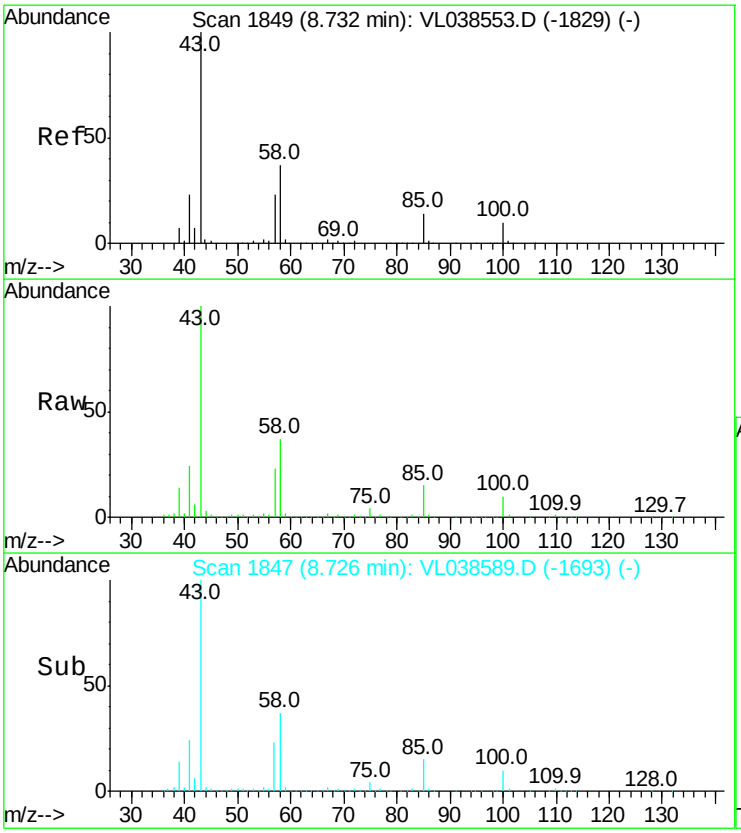

#49
Bromoform
Concen: 12.91 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:173 Resp: 1220236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.5 | 40.7 | 61.1 |
| 171 | 54.6 | 42.9 | 64.3 |

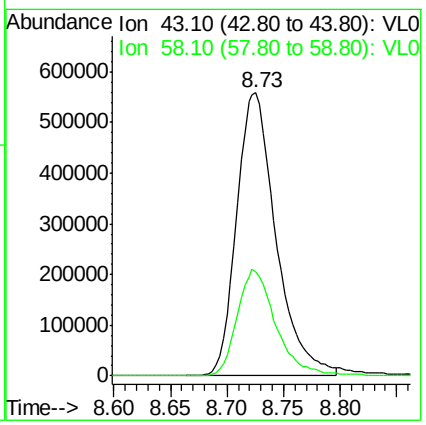


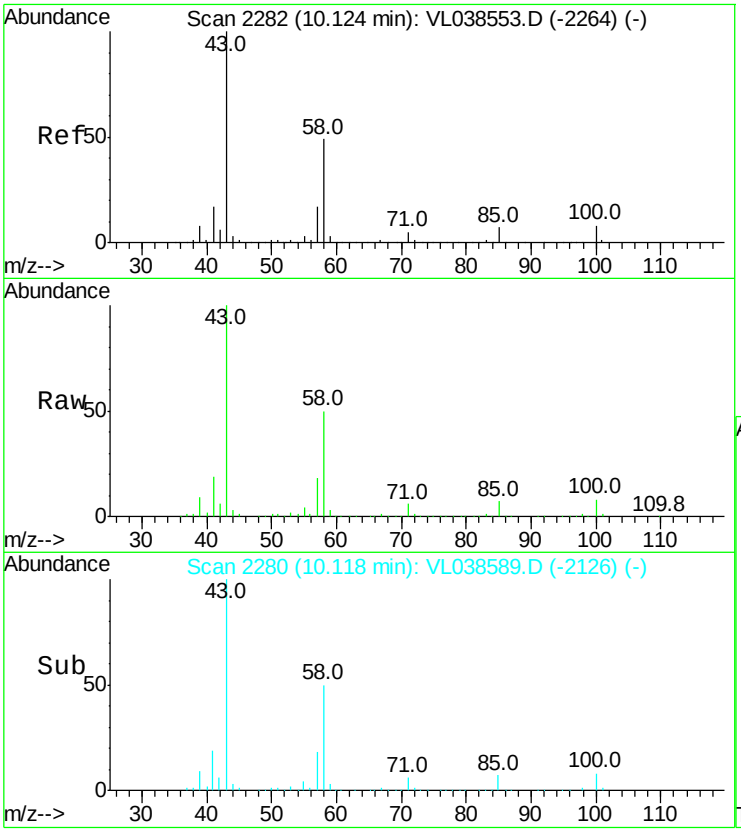




#50
4-Methyl-2-Pentanone
Concen: 11.58 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 43 Resp: 1351622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.3 | 29.2 | 43.8 |



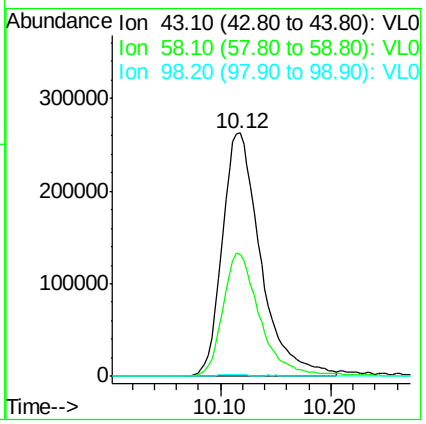


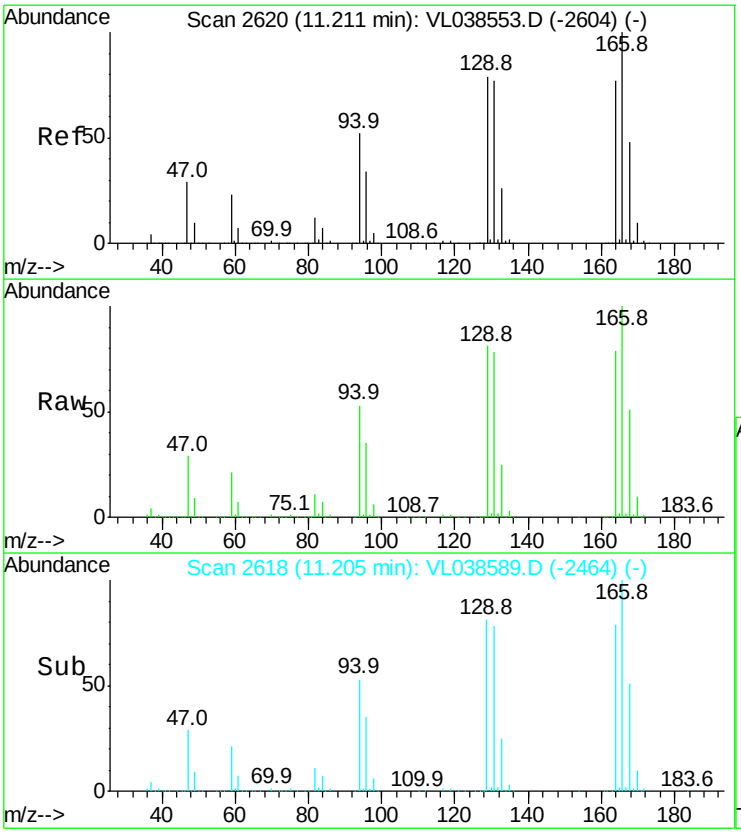

#51
2-Hexanone
Concen: 12.75 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 43 Resp: 629205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.2 | 40.1 | 60.1 |
| 98 | 0.6 | 0.4 | 0.6 |

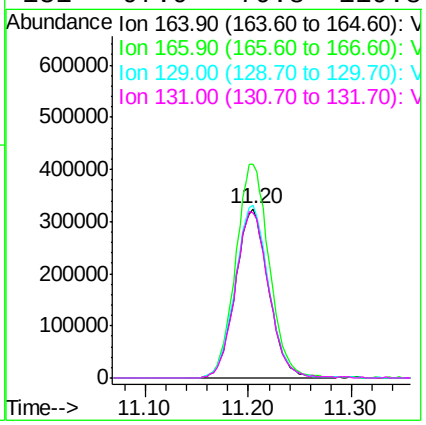


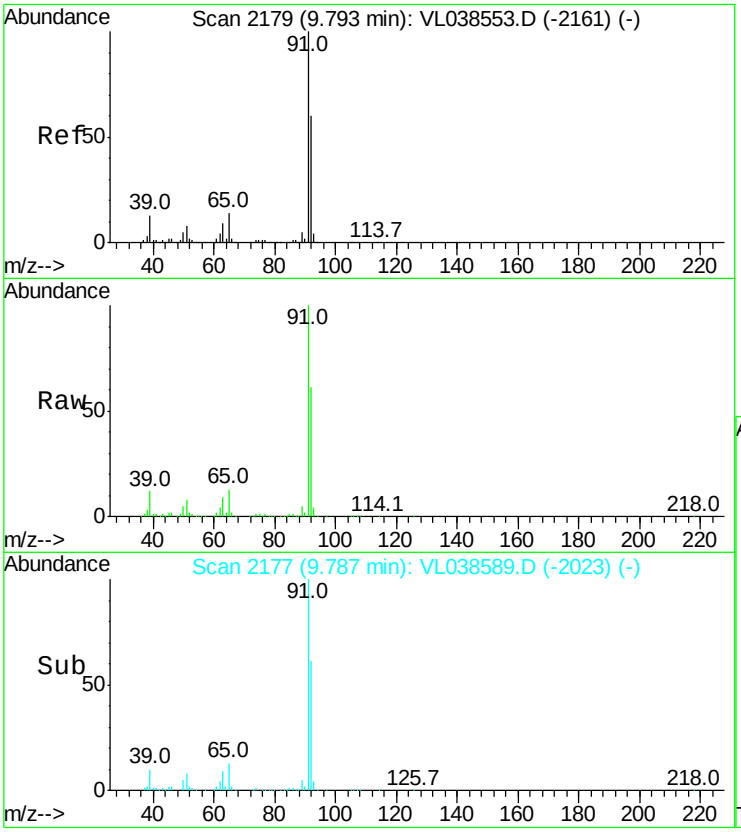




#52
Tetrachloroethene
Concen: 10.00 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:164 Resp: 726760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.2 | 103.4 | 155.2 |
| 129 | 102.0 | 81.3 | 121.9 |
| 131 | 97.9 | 79.8 | 119.8 |



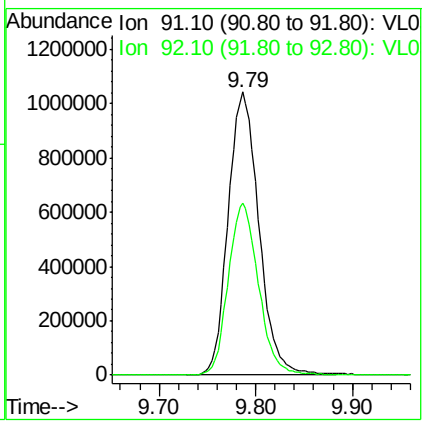


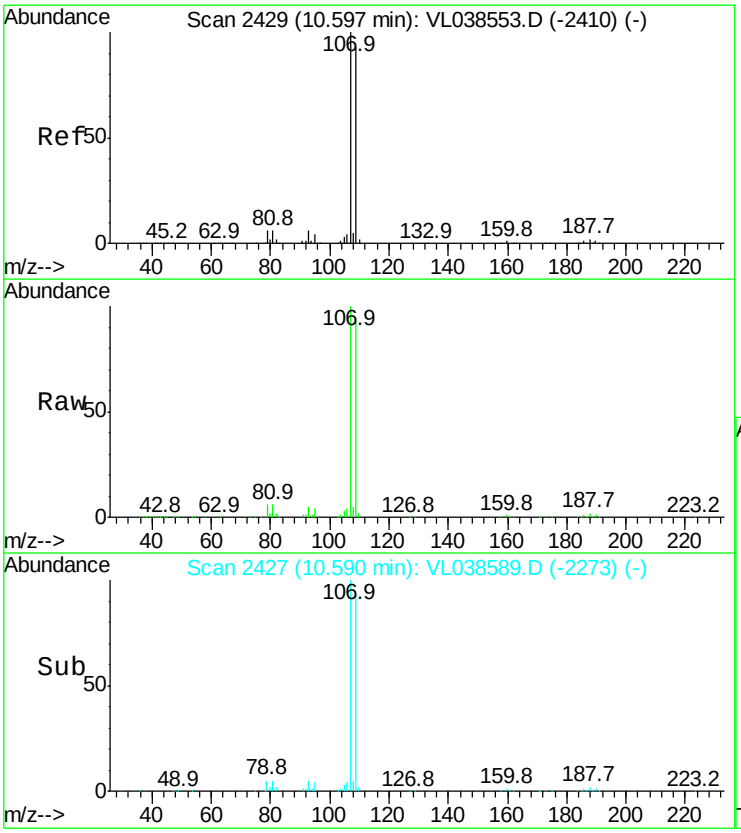

#53
Toluene
Concen: 10.89 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 91 Resp: 2305930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.9 | 48.1 | 72.1 |

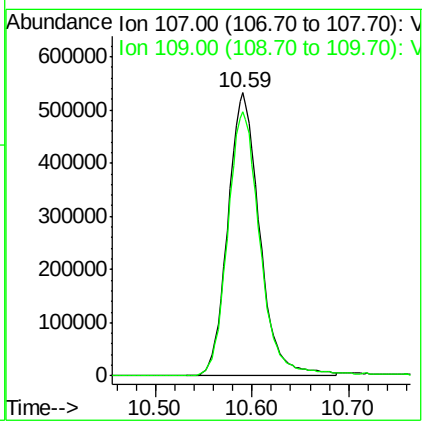


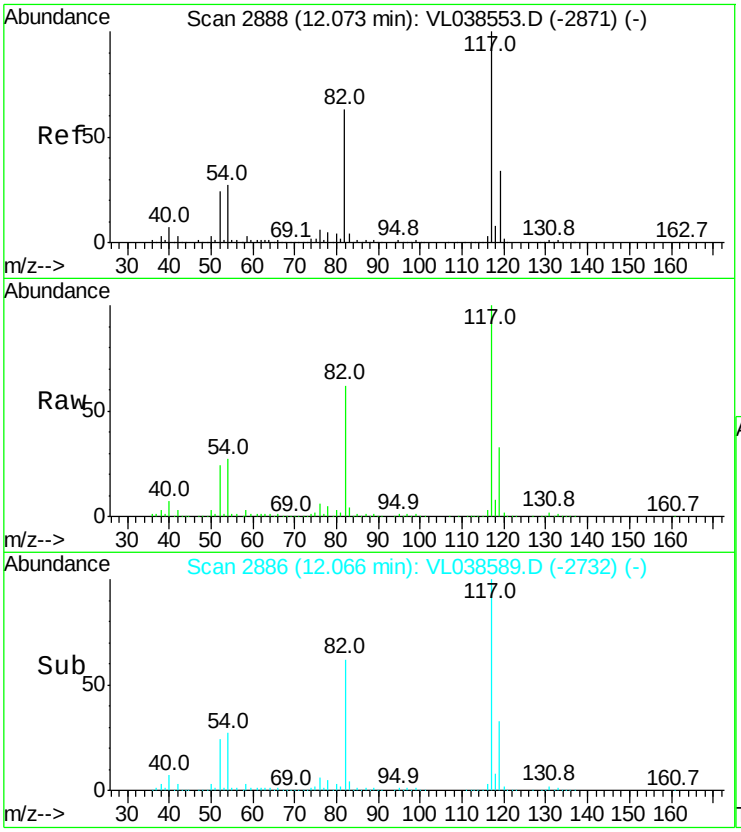




#54
1,2-Dibromoethane
Concen: 10.92 ppbv
RT: 10.59 min Scan# 2427
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:107 Resp: 1213117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.4 | 74.6 | 112.0 |



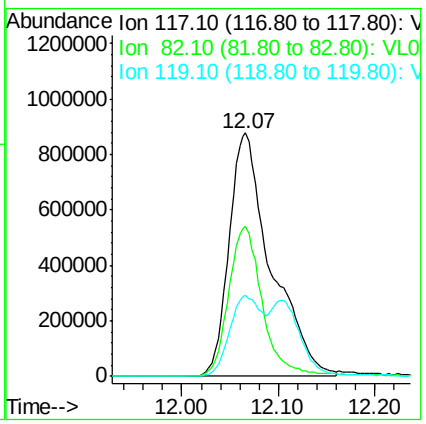


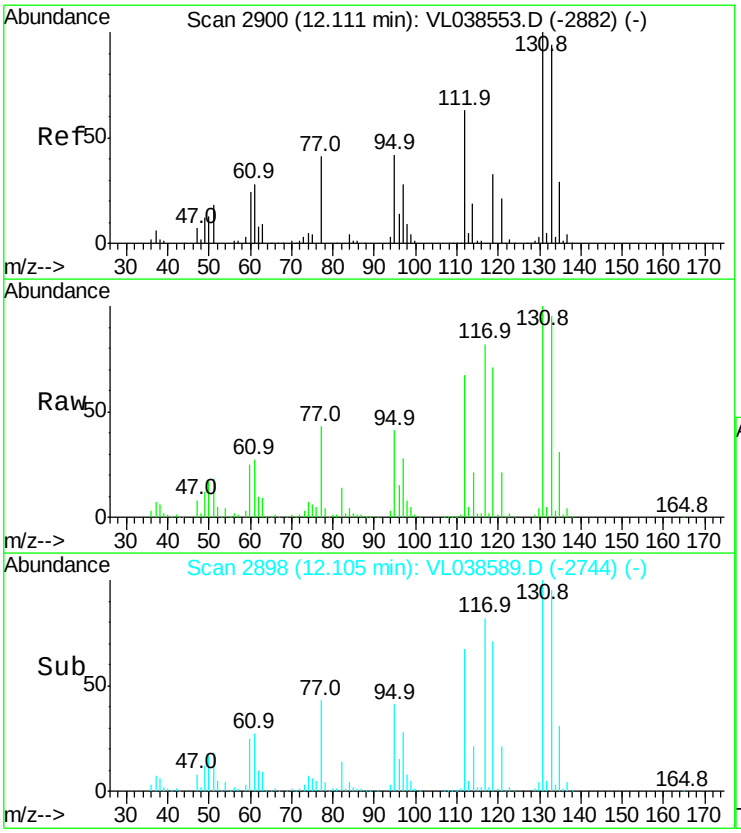

#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:117 Resp: 2646021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.5 | 52.5 | 78.7# |
| 119 | 26.4 | 46.4 | 69.6# |

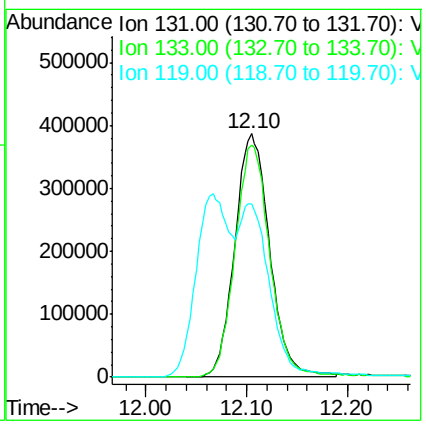


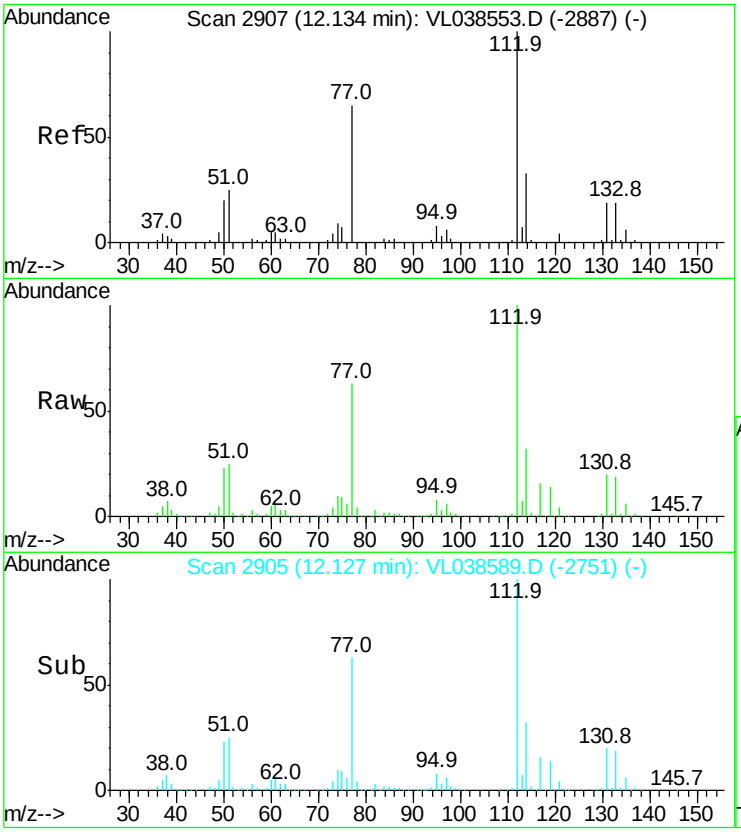




#56
1,1,1,2-Tetrachloroethane
Concen: 8.59 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:131 Resp: 925645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.8 | 78.0 | 117.0 |
| 119 | 63.5 | 53.1 | 79.7 |



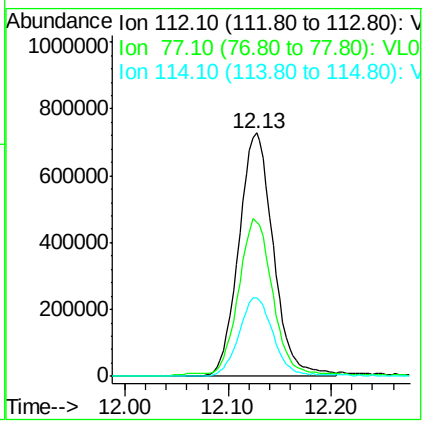


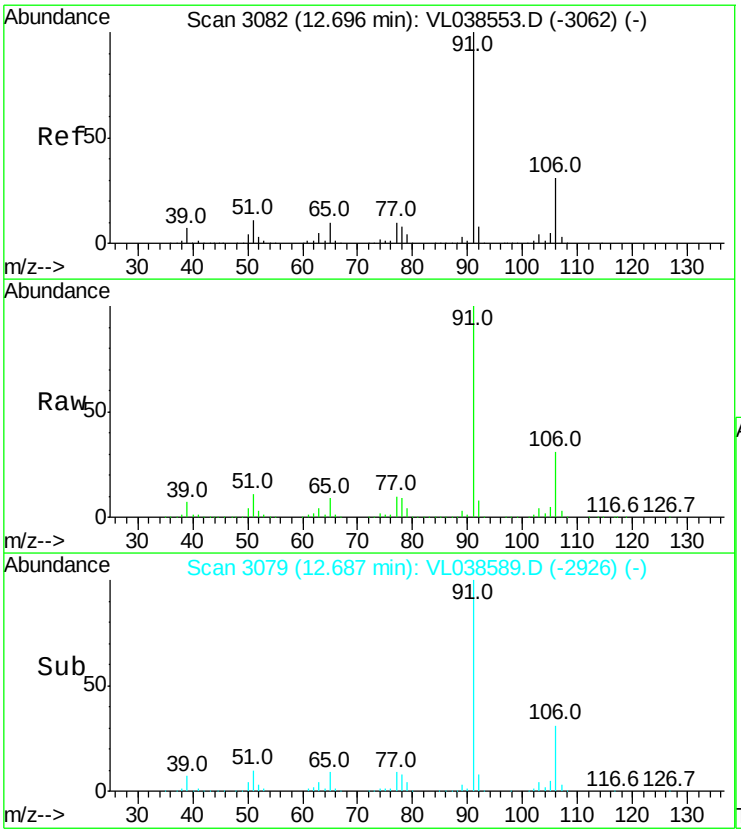

#57
Chlorobenzene
Concen: 8.41 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:112 Resp: 1698926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 62.4 | 52.5 | 78.7 |
| 114 | 32.0 | 30.0 | 36.6 |

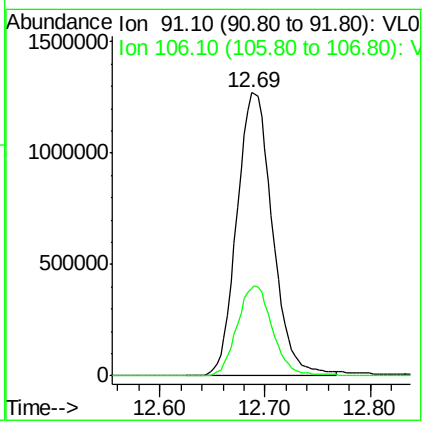


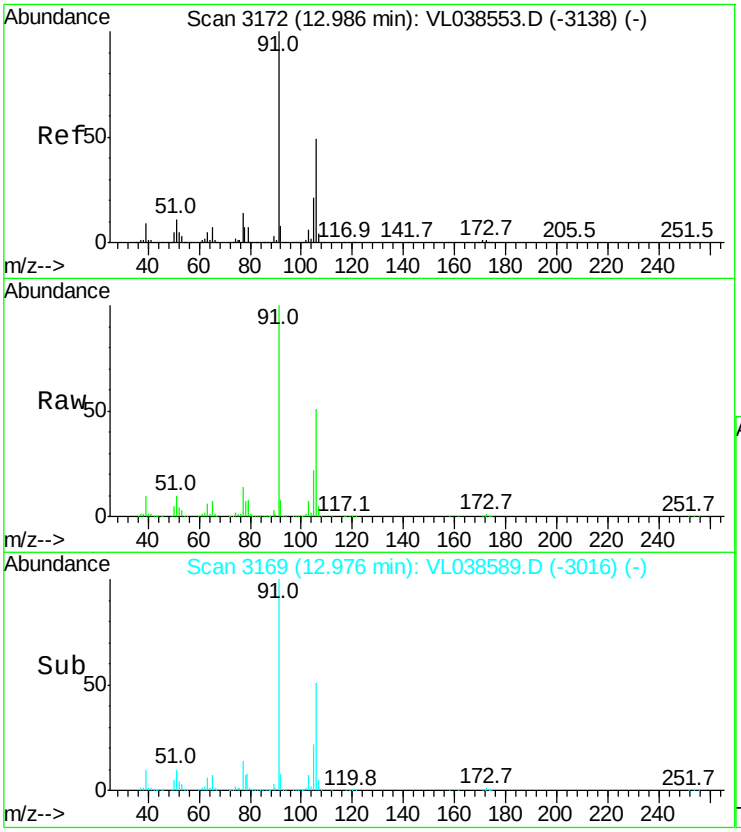




#58
Ethyl Benzene
Concen: 8.73 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 2992433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 24.6 | 37.0 |



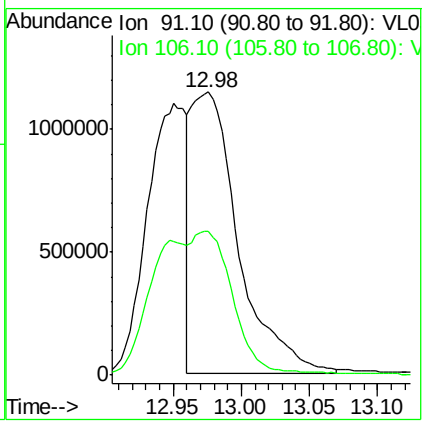


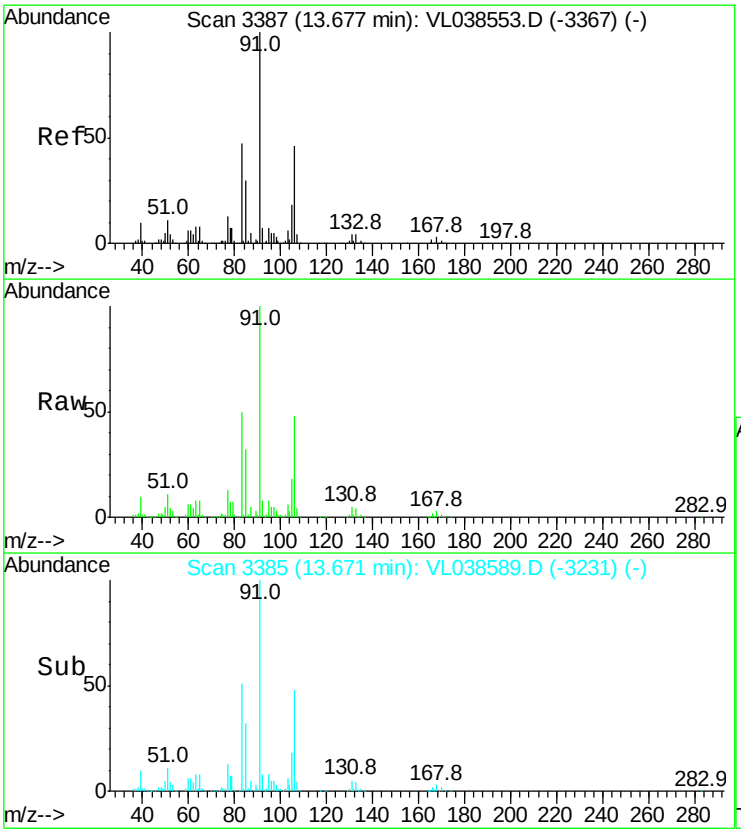

#59
m/p-Xylene
Concen: 9.33 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 91 Resp: 2736120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 86.5 | 37.1 | 55.7# |

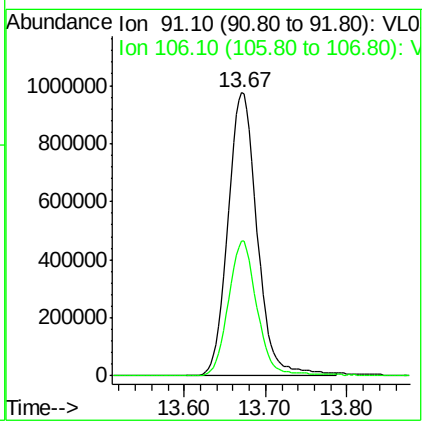


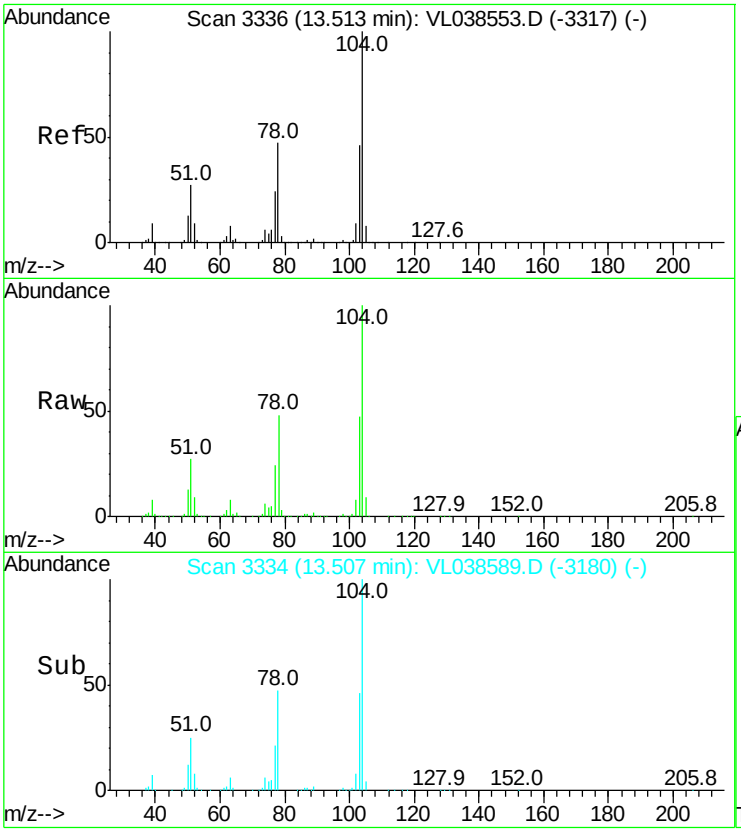




#60
o-Xylene
Concen: 8.81 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 2440570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 47.3 | 23.5 | 70.6 |



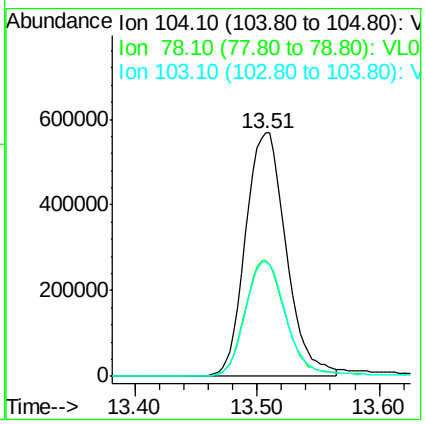


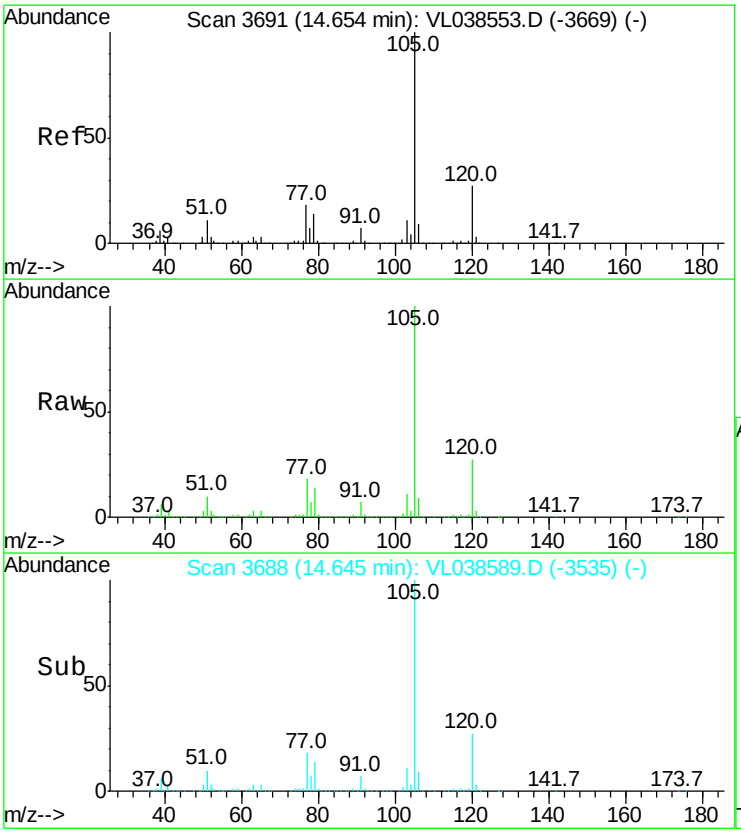

#61
Styrene
Concen: 9.59 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:104 Resp: 1308907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.5 | 39.0 | 58.4 |
| 103 | 48.1 | 38.0 | 57.0 |

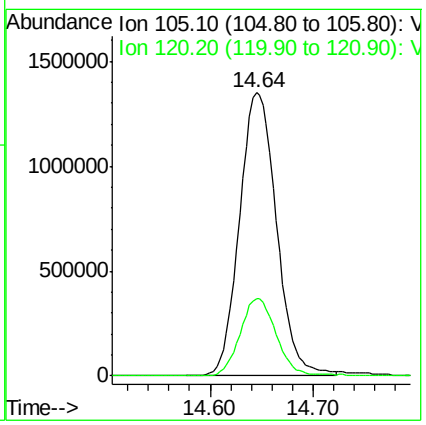


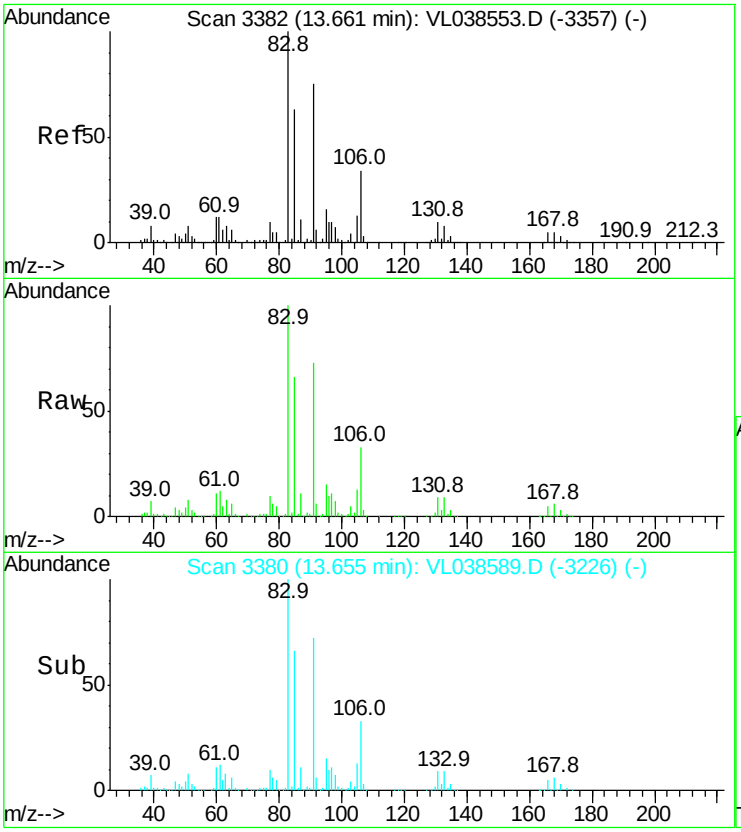




#62
Isopropylbenzene
Concen: 8.82 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:105 Resp: 3370538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.0 | 21.2 | 31.8 |



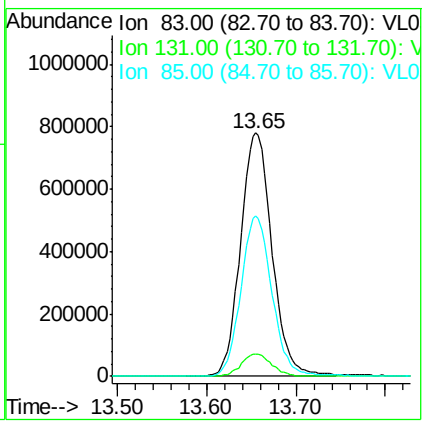


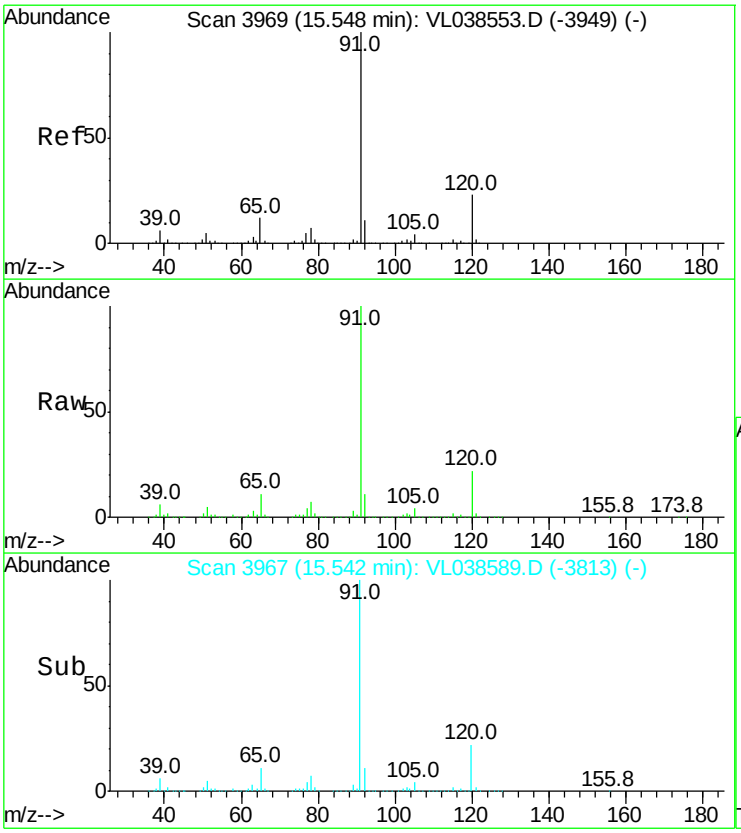

#63
1,1,2,2-Tetrachloroethane
Concen: 8.18 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 83 Resp: 1913684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.1 | 4.7 | 14.1 |
| 85 | 65.7 | 32.6 | 98.0 |

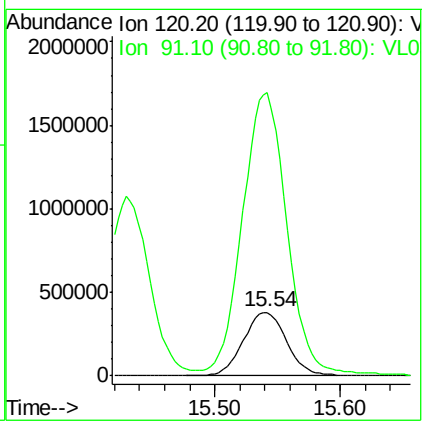


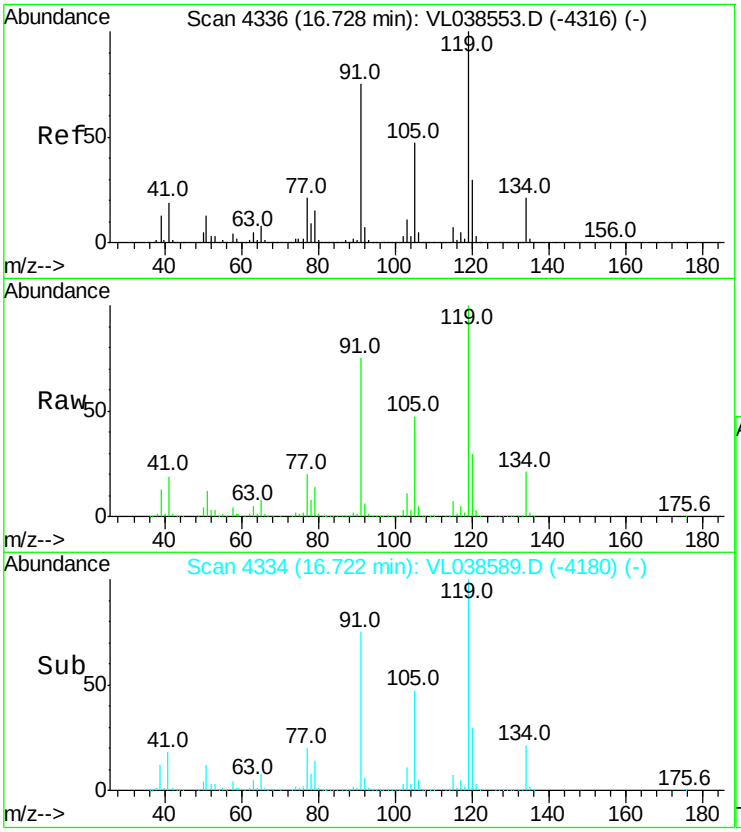




#64
n-propylbenzene
Concen: 9.36 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:120 Resp: 912054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 462.1 | 374.2 | 561.2 |



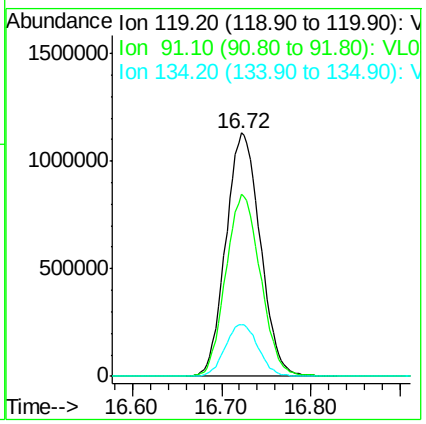


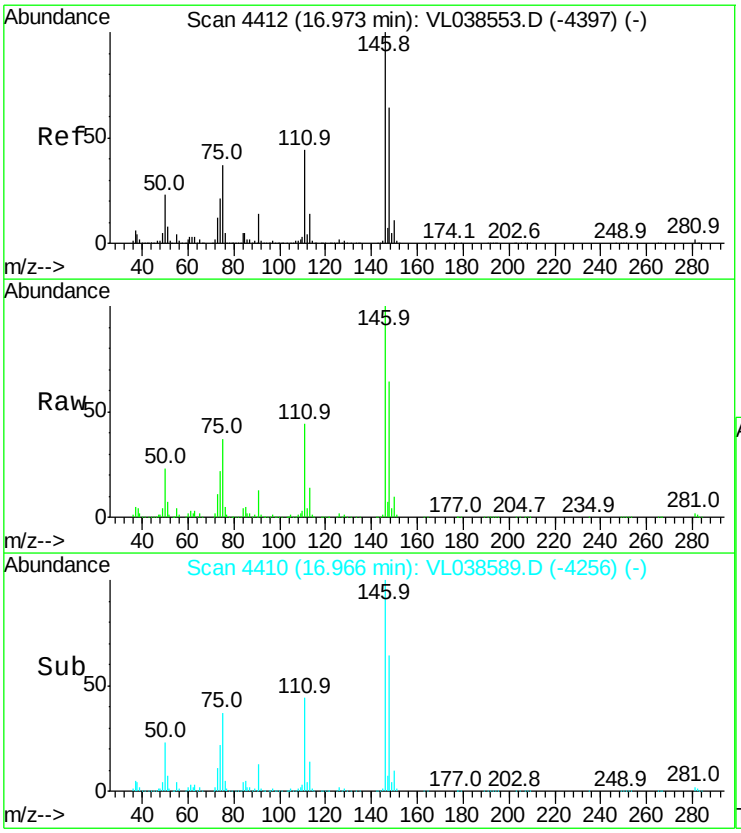

#65
tert-Butylbenzene
Concen: 8.80 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:119 Resp: 3007996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 75.8 | 61.2 | 91.8 |
| 134 | 20.6 | 16.2 | 24.2 |

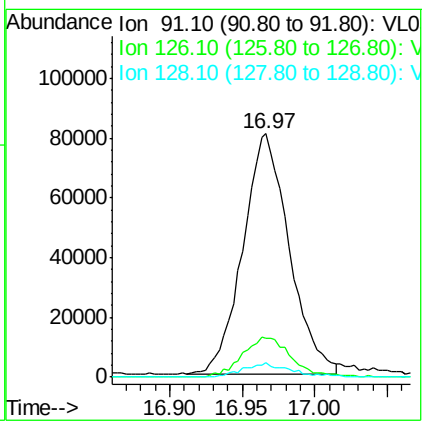


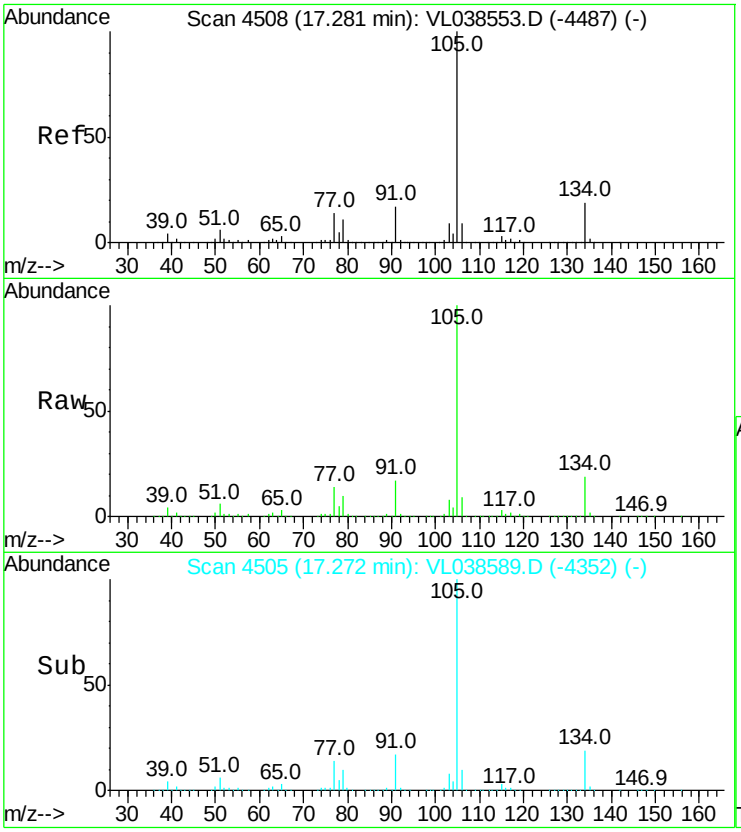




#66
Benzyl Chloride
Concen: 8.82 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 178541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 17.6 | 14.1 | 21.1 |
| 128 | 6.1 | 5.1 | 7.7 |



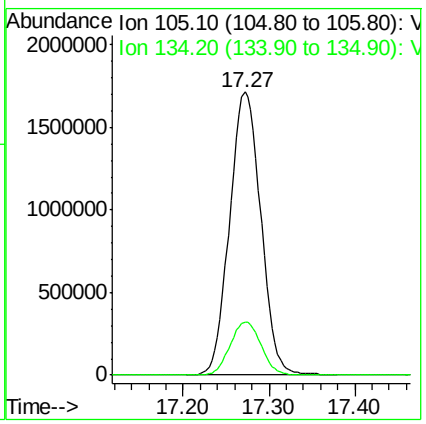


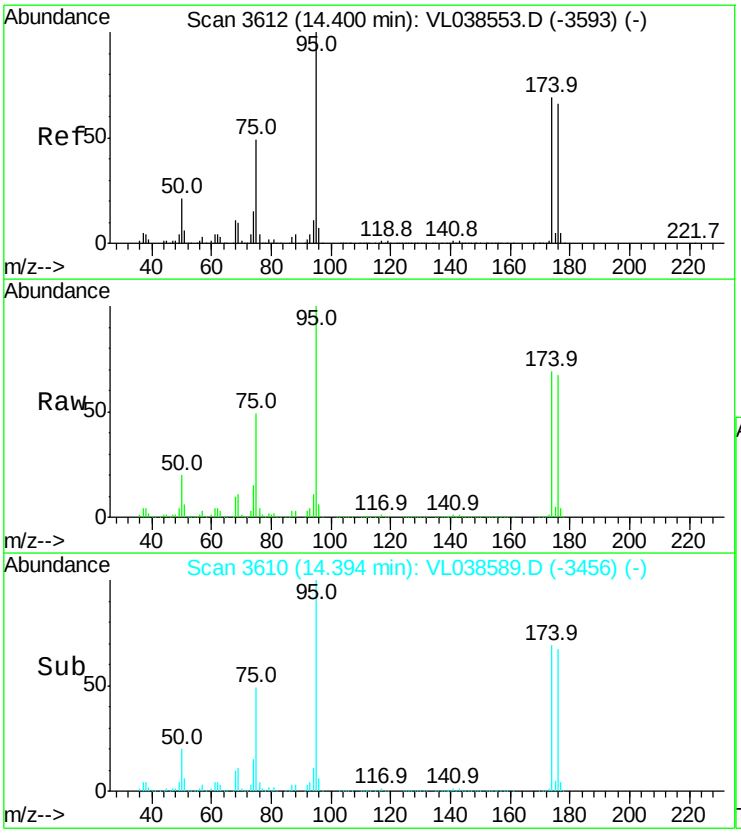

#67
sec-Butylbenzene
Concen: 8.88 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:105 Resp: 4312259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.9 | 15.0 | 22.6 |

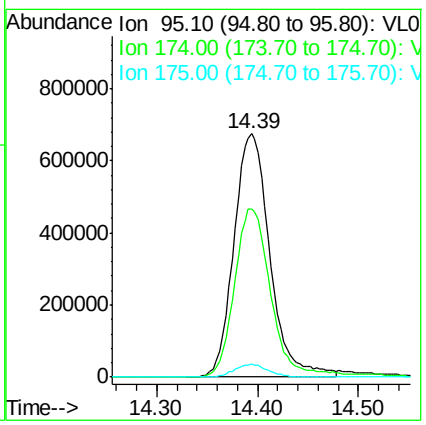


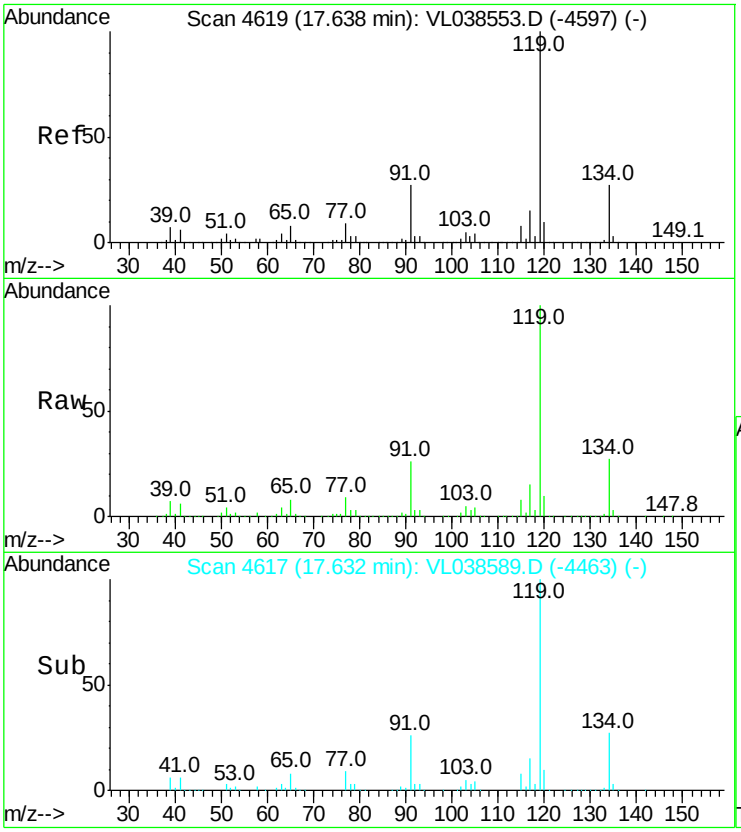




#68
1-Bromo-4-Fluorobenzene
Concen: 8.31 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 95 Resp: 1671132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.3 | 56.2 | 84.4 |
| 175 | 5.2 | 4.2 | 6.2 |



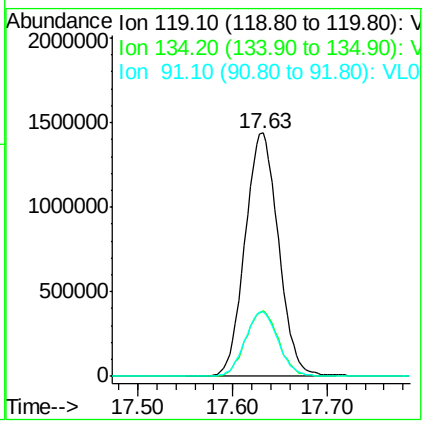


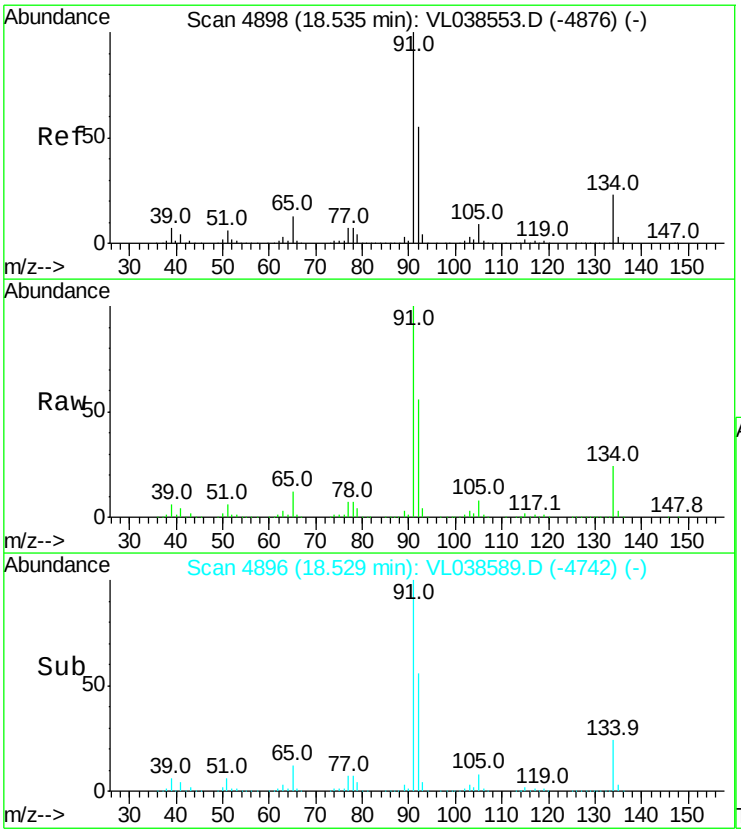

#69
p-Isopropyltoluene
Concen: 8.76 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:119 Resp: 3522959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.7 | 20.9 | 31.3 |
| 91 | 26.3 | 21.1 | 31.7 |

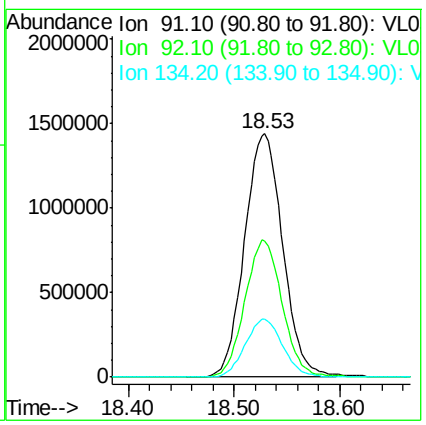


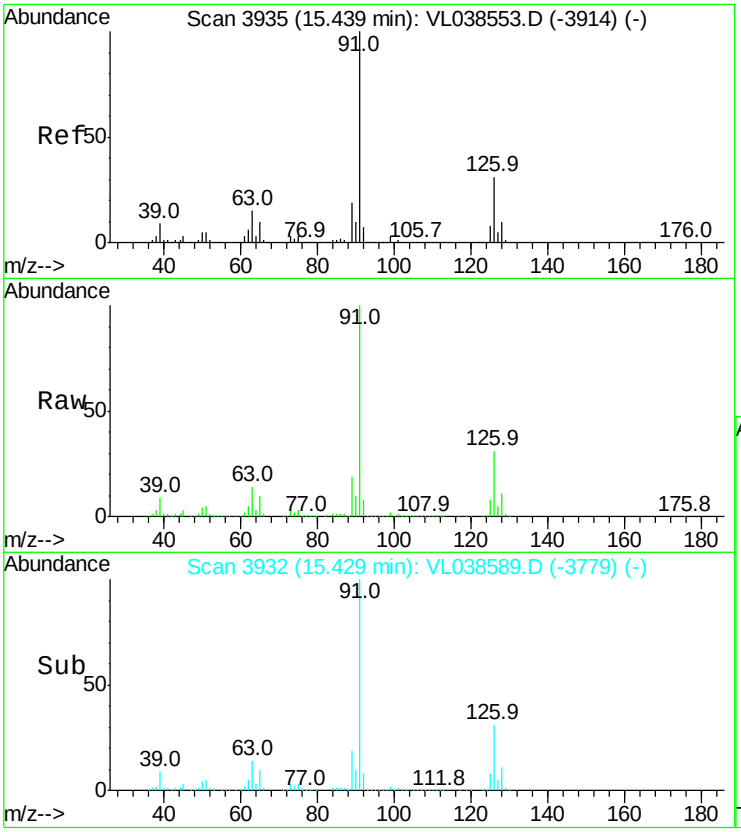




#70
n-Butylbenzene
Concen: 8.44 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 3617503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.3 | 43.8 | 65.8 |
| 134 | 23.7 | 18.7 | 28.1 |



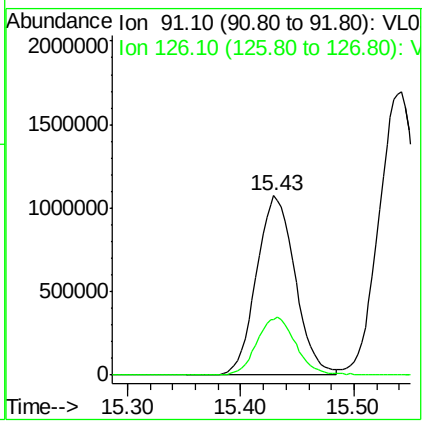


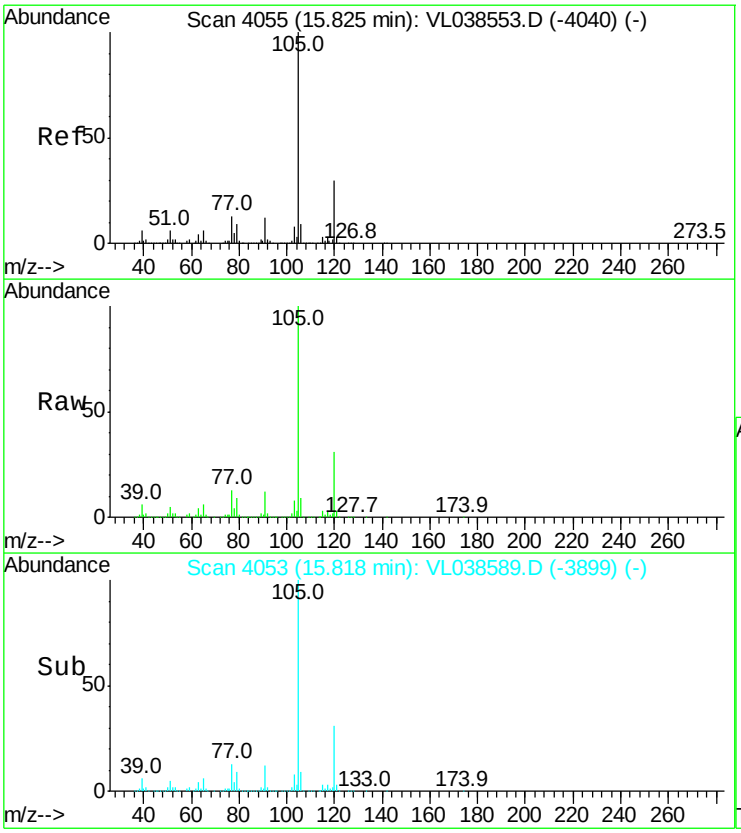

#71
2-Chlorotoluene
Concen: 8.95 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion: 91 Resp: 2538163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 12.9 | 51.7 |

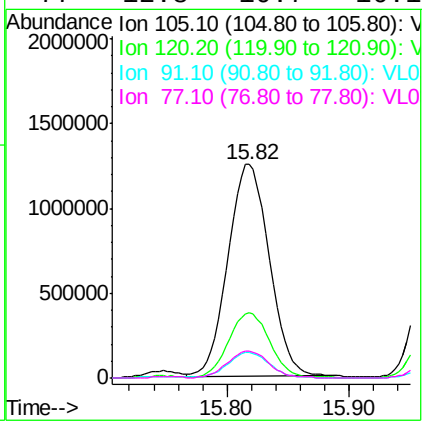


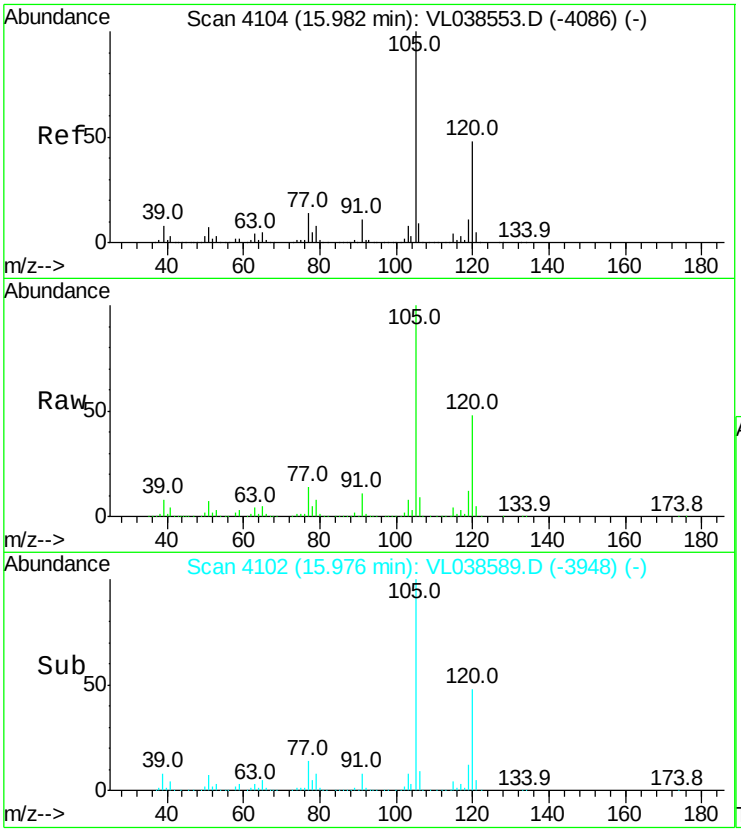




#72
4-Ethyltoluene
Concen: 9.30 ppbv
RT: 15.82 min Scan# 4053
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:105 Resp: 2958589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 30.9 | 25.0 | 37.4 |
| 91 | 11.8 | 9.8 | 14.6 |
| 77 | 12.8 | 10.7 | 16.1 |



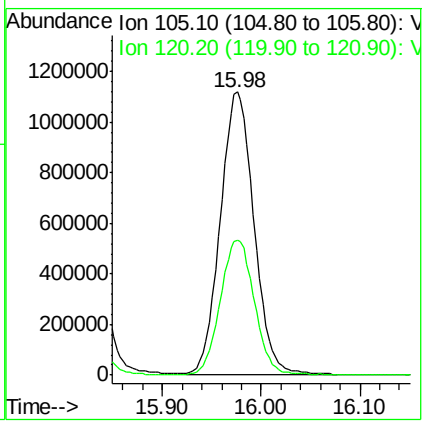


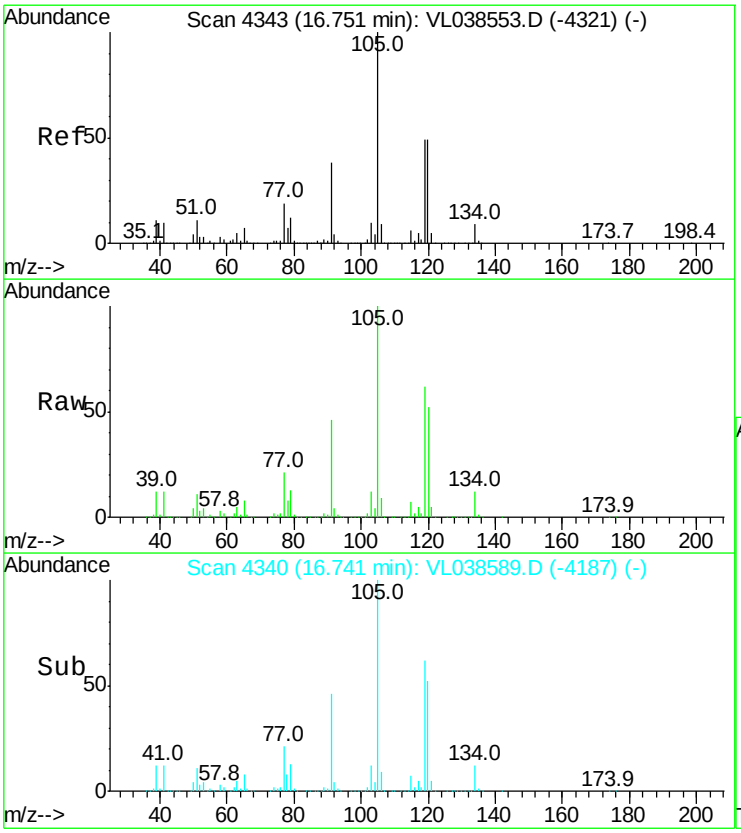

#73
1,3,5-Trimethylbenzene
Concen: 8.95 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:105 Resp: 2643514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.7 | 38.3 | 57.5 |

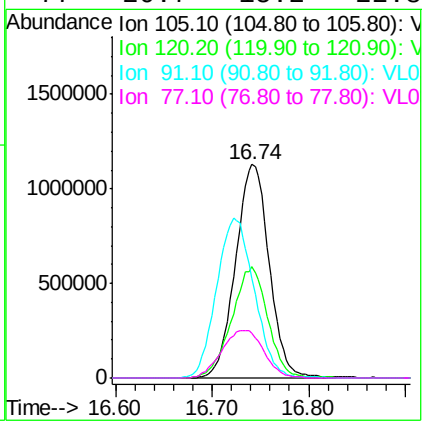


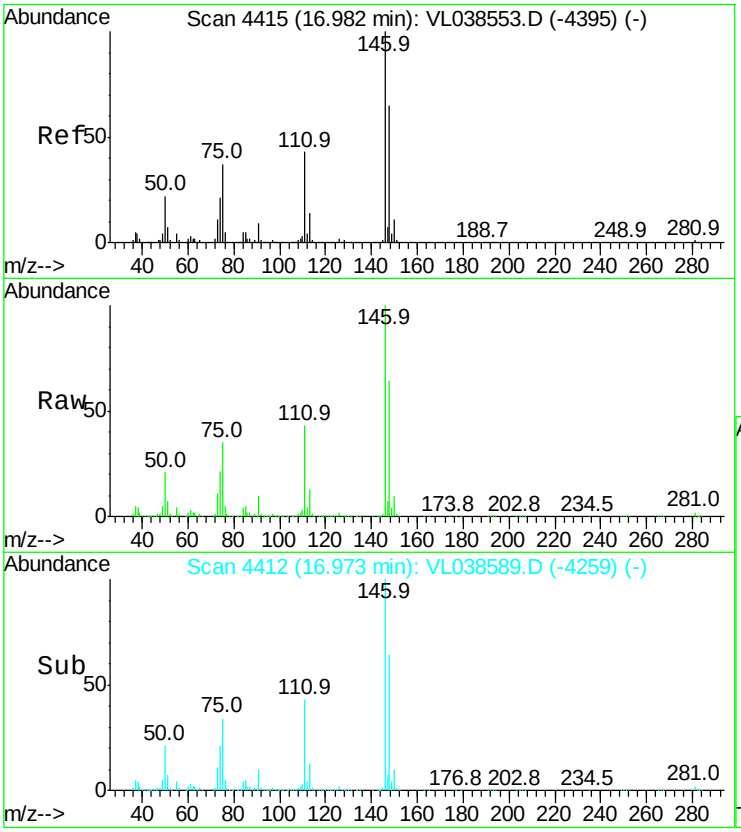




#74
1,2,4-Trimethylbenzene
Concen: 8.66 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:105 Resp: 2732127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.8 | 38.9 | 58.3 |
| 91 | 46.3 | 30.6 | 46.0# |
| 77 | 20.7 | 15.2 | 22.8 |



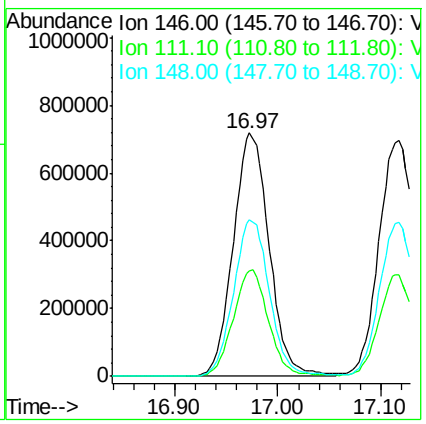


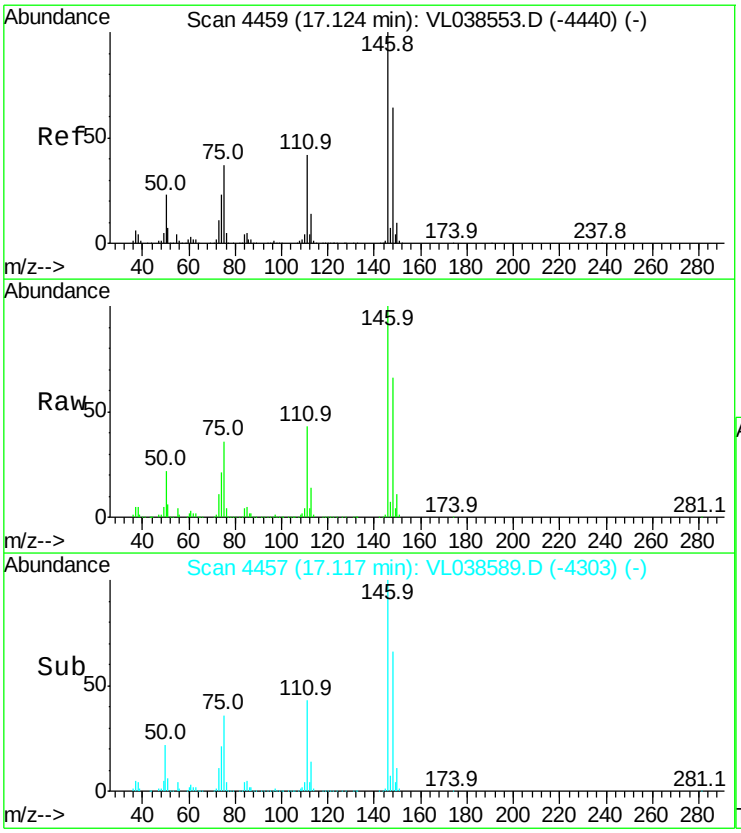

#75
1,3-Dichlorobenzene
Concen: 8.76 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:146 Resp: 1743963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.0 | 21.9 | 65.8 |
| 148 | 64.3 | 32.2 | 96.6 |

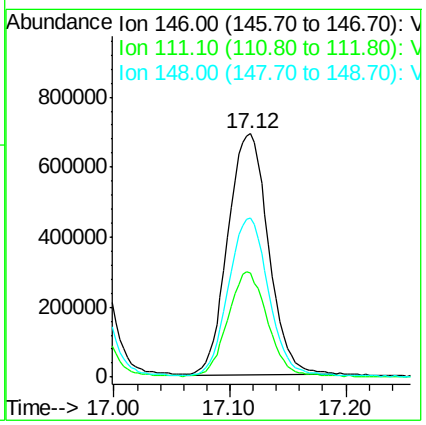


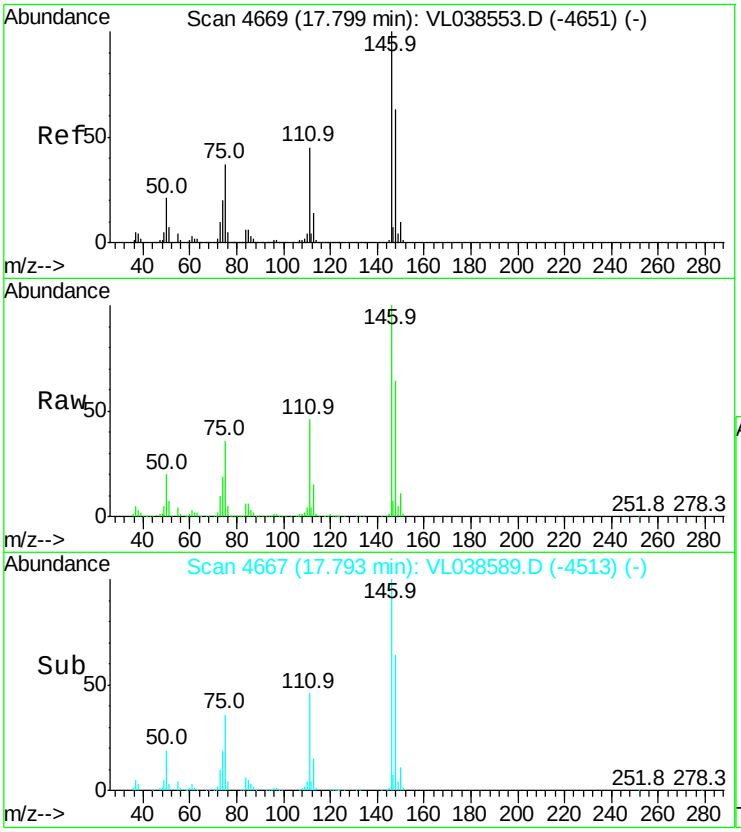




#76
1,4-Dichlorobenzene
Concen: 8.52 ppbv
RT: 17.12 min Scan# 4457
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:146 Resp: 1679582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.0 | 21.8 | 65.3 |
| 148 | 66.4 | 32.8 | 98.4 |



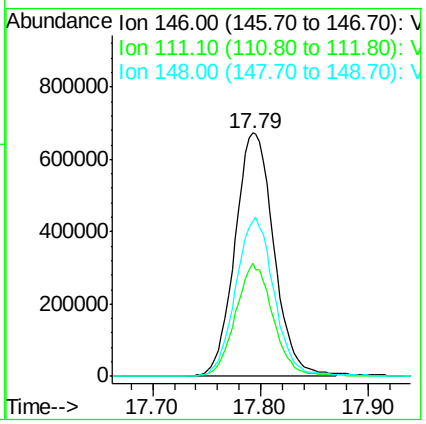


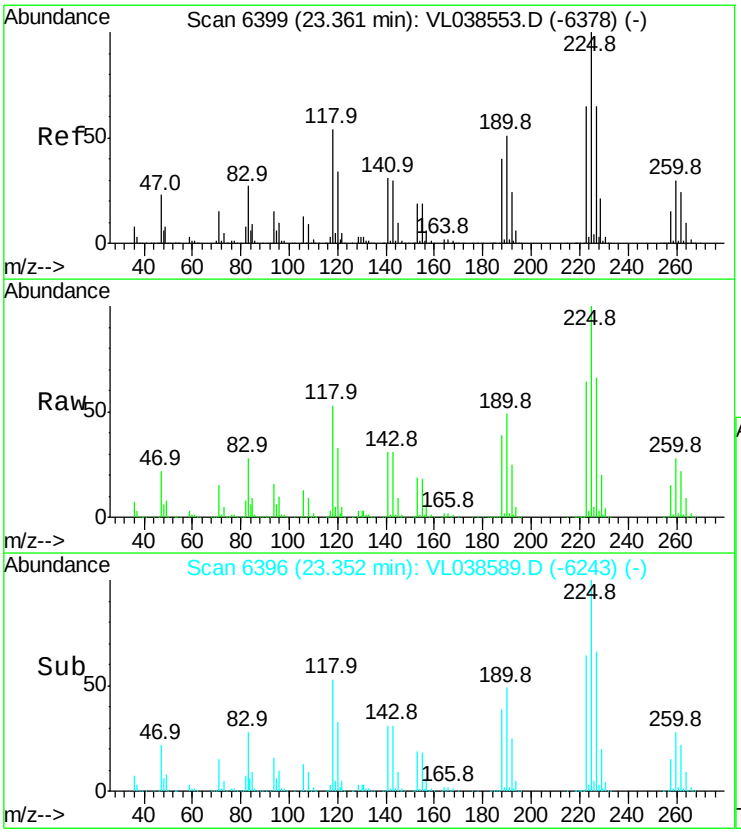

#77
1,2-Dichlorobenzene
Concen: 8.34 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:146 Resp: 1679834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 45.4 | 23.2 | 69.5 |
| 148 | 64.7 | 32.6 | 98.0 |

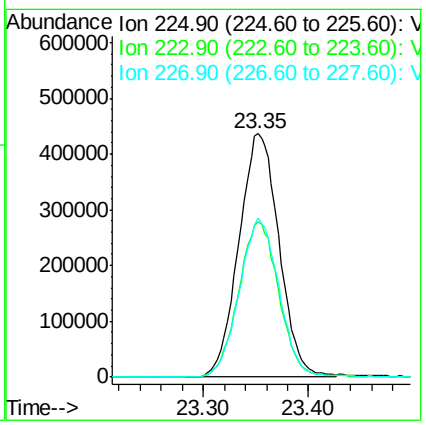


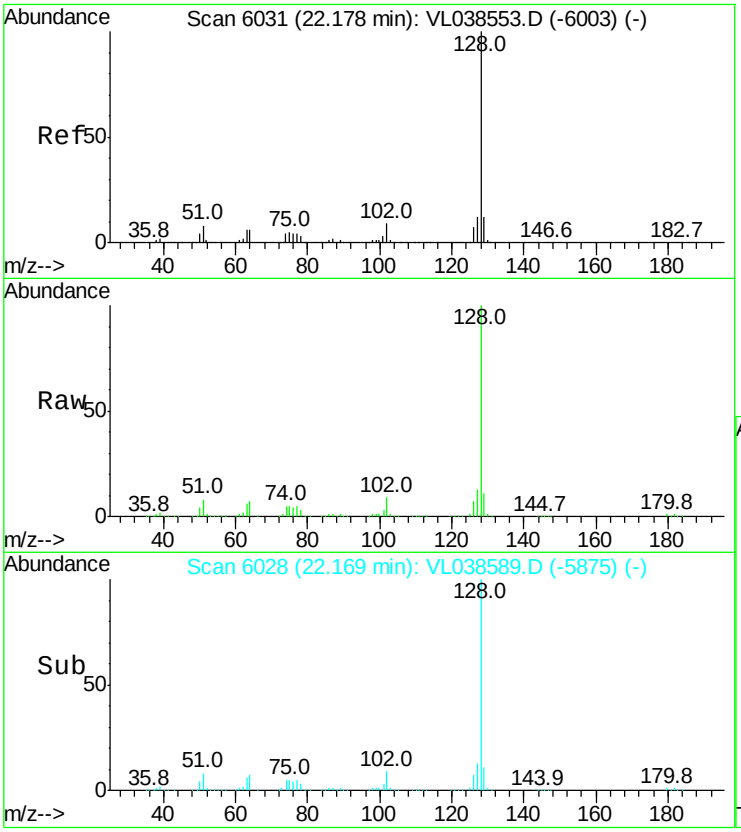




#78
Hexachloro-1,3-Butadiene
Concen: 5.89 ppbv
RT: 23.35 min Scan# 6396
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:225 Resp: 1157162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.2 | 51.4 | 77.0 |
| 227 | 64.8 | 51.9 | 77.9 |



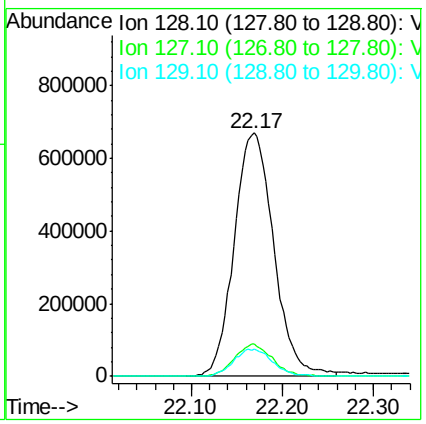


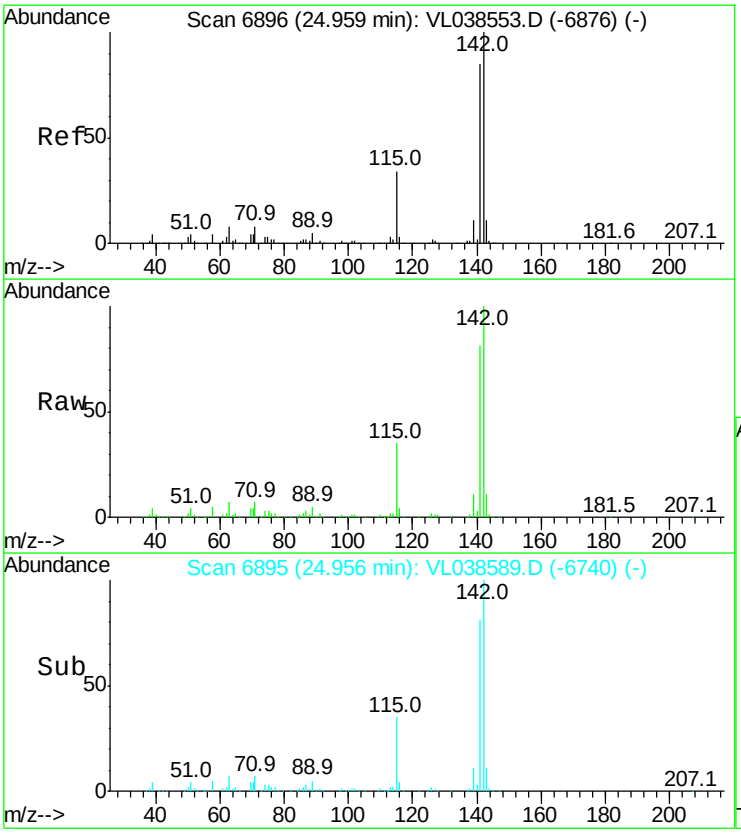

#79
Naphthalene
Concen: 7.15 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:52

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

Tgt Ion:128 Resp: 2028062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 9.9 | 14.9 |
| 129 | 11.4 | 9.3 | 13.9 |

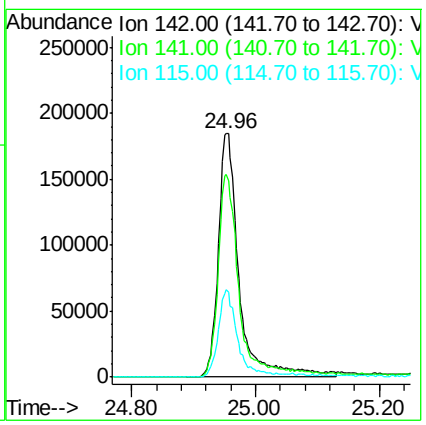


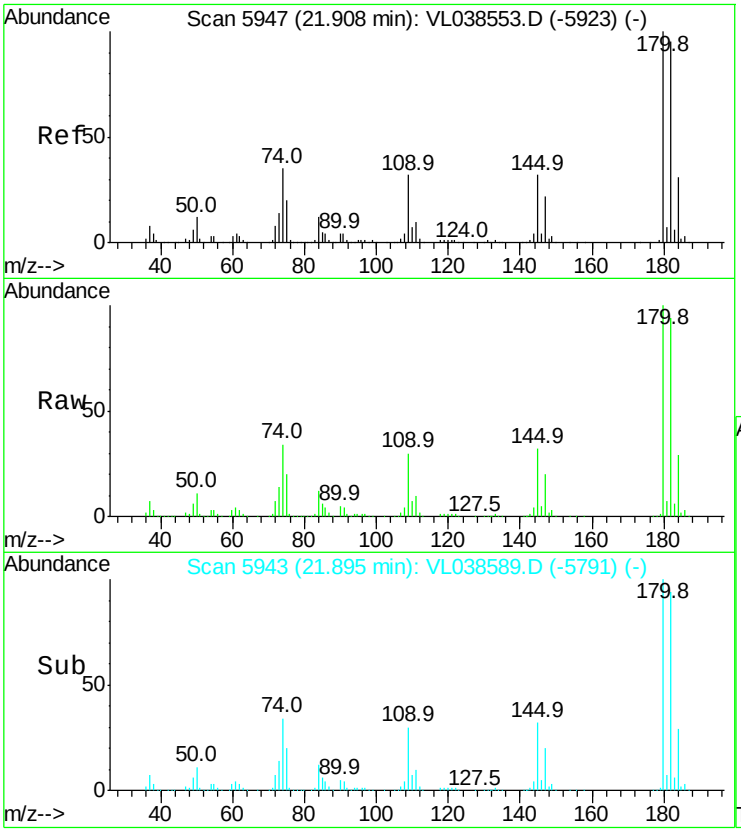




#80
Naphthalene,2-methyl-
Concen: 8.66 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:142 Resp: 433793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.8 | 68.4 | 102.6 |
| 115 | 35.4 | 27.9 | 41.9 |






#81
1,2,4-Trichlorobenzene
Concen: 6.61 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 10 Mar 2022 9:32

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

Tgt Ion:180 Resp: 1198285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.2 | 79.1 | 118.7 |
| 184 | 31.5 | 25.0 | 37.6 |