Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038376.D
Acq On : 22 Feb 2022 4:51
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VSTDICC002

Quant Time: Feb 22 07:55:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 07:53:26 2022
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 982680 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.15 | 114 | 2427797 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.05 | 117 | 2315713 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.38 | 95 | 1851162 | 10.45 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 104.50% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.04 | 85 | 264775 | 1.35 | ppbv | | 94 |
| 3) Chlorodifluoromethane | 2.98 | 51 | 360004 | 1.89 | ppbv | | 99 |
| 4) Chloromethane | 3.13 | 50 | 125686 | 1.92 | ppbv | | 92 |
| 5) Vinyl Chloride | 3.25 | 62 | 122786 | 1.85 | ppbv | | 97 |
| 6) Bromomethane | 3.47 | 94 | 65444 | 1.86 | ppbv | | 92 |
| 7) Chloroethane | 3.54 | 64 | 39258 | 1.78 | ppbv | | 95 |
| 8) Dichlorotetrafluoroethane | 3.18 | 85 | 293529 | 1.86 | ppbv | | 98 |
| 9) Propene | 3.00 | 41 | 122238 | 1.98 | ppbv | | 97 |
| 10) Heptane | 8.10 | 43 | 300602 | 1.89 | ppbv | | 100 |
| 11) Trichlorofluoromethane | 3.94 | 101 | 291578 | 1.84 | ppbv | | 99 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.47 | 101 | 226836 | 1.89 | ppbv | | 99 |
| 13) Ethanol | 3.61 | 45 | 12670 | 1.99 | ppbv | | 99 |
| 14) Bromoethene | 3.73 | 108 | 90110 | 1.92 | ppbv | | 100 |
| 15) Acetone | 3.84 | 43 | 179378 | 2.10 | ppbv | | 97 |
| 16) 1,3-Butadiene | 3.31 | 39 | 112682 | 1.85 | ppbv | | 94 |
| 17) tert-Butyl alcohol | 4.28 | 59 | 169450 | 1.84 | ppbv | | 98 |
| 18) 1,1-Dichloroethene | 4.27 | 96 | 95933 | 1.85 | ppbv | | 96 |
| 19) Isopropyl Alcohol | 3.96 | 45 | 91097 | 1.73 | ppbv | # | 94 |
| 20) Methylene Chloride | 4.33 | 84 | 74859 | 1.53 | ppbv | # | 92 |
| 21) Allyl Chloride | 4.40 | 41 | 139166 | 1.87 | ppbv | | 95 |
| 22) trans-1,2-Dichloroethene | 4.87 | 96 | 99821 | 1.85 | ppbv | | 97 |
| 23) Vinyl Acetate | 5.05 | 43 | 213093 | 1.74 | ppbv | | 98 |
| 24) 1,1-Dichloroethane | 4.99 | 63 | 205504 | 1.89 | ppbv | | 99 |
| 25) Ethyl Acetate | 5.66 | 43 | 470840 | 1.96 | ppbv | | 98 |
| 26) Hexane | 5.67 | 57 | 211200 | 1.90 | ppbv | | 98 |
| 27) Carbon Disulfide | 4.53 | 76 | 230259 | 1.81 | ppbv | | 97 |
| 28) Methyl tert-Butyl Ether | 5.02 | 73 | 216036 | 1.90 | ppbv | | 99 |
| 29) Chloroform | 5.73 | 83 | 344960 | 1.91 | ppbv | | 98 |
| 30) Cyclohexane | 7.11 | 84 | 176398 | 1.86 | ppbv | | 86 |
| 31) cis-1,2-Dichloroethene | 5.53 | 61 | 201262 | 1.99 | ppbv | | 98 |
| 32) 1,1,1-Trichloroethane | 6.49 | 97 | 342010 | 1.89 | ppbv | | 99 |
| 34) 2-Butanone | 5.23 | 43 | 159835 | 1.99 | ppbv | | 97 |
| 35) Carbon Tetrachloride | 6.99 | 117 | 350123 | 2.05 | ppbv | | 100 |
| 36) Benzene | 6.87 | 78 | 452410 | 2.10 | ppbv | | 97 |
| 37) 1,2-Dichloroethane | 6.28 | 62 | 256762 | 2.08 | ppbv | | 99 |
| 38) Trichloroethene | 7.81 | 130 | 161737 | 2.02 | ppbv | | 88 |
| 39) 1,2-Dichloropropane | 7.58 | 63 | 87679 | 1.01 | ppbv | | 97 |
| 40) 1,4-Dioxane | 7.83 | 88 | 37438 | 1.77 | ppbv | | 60 |
| 41) Tetrahydrofuran | 6.04 | 42 | 101071 | 1.88 | ppbv | | 95 |
| 42) Bromodichloromethane | 7.76 | 83 | 374002 | 2.04 | ppbv | | 96 |
| 43) Methyl Methacrylate | 8.00 | 69 | 157982 | 2.07 | ppbv | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038376.D
Acq On : 22 Feb 2022 4:51
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Quant Time: Feb 22 07:55:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 07:53:26 2022
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.84 | 57 | 790307 | 2.08 | ppbv | | 100 |
| 45) t-1,3-Dichloropropene | 9.25 | 75 | 115697 | 1.88 | ppbv | | 93 |
| 46) cis-1,3-Dichloropropene | 8.68 | 75 | 161859 | 1.97 | ppbv | | 96 |
| 47) 1,1,2-Trichloroethane | 9.45 | 97 | 171343 | 1.99 | ppbv | | 96 |
| 48) Dibromochloromethane | 10.28 | 129 | 287057 | 1.98 | ppbv | | 99 |
| 49) Bromoform | 13.01 | 173 | 211394 | 1.99 | ppbv | | 98 |
| 50) 4-Methyl-2-Pentanone | 8.73 | 43 | 281368 | 1.97 | ppbv | | 98 |
| 51) 2-Hexanone | 10.12 | 43 | 48305 | 0.77 | ppbv | # | 1 |
| 52) Tetrachloroethene | 11.19 | 164 | 142906 | 1.93 | ppbv | | 96 |
| 53) Toluene | 9.78 | 91 | 496341 | 2.09 | ppbv | | 98 |
| 54) 1,2-Dibromoethane | 10.58 | 107 | 248381 | 2.03 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.09 | 131 | 196967 | 1.94 | ppbv | # | 1 |
| 57) Chlorobenzene | 12.11 | 112 | 175396 | 0.95 | ppbv | | 96 |
| 58) Ethyl Benzene | 12.68 | 91 | 661922 | 1.95 | ppbv | | 98 |
| 59) m/p-Xylene | 12.97 | 91 | 565659 | 1.95 | ppbv | # | 32 |
| 60) o-Xylene | 13.66 | 91 | 532766 | 1.97 | ppbv | | 100 |
| 61) Styrene | 13.50 | 104 | 235805 | 1.87 | ppbv | | 98 |
| 62) Isopropylbenzene | 14.64 | 105 | 716465 | 1.98 | ppbv | | 99 |
| 63) 1,1,2,2-Tetrachloroethane | 13.64 | 83 | 397221 | 1.96 | ppbv | | 97 |
| 64) n-propylbenzene | 15.53 | 120 | 172438 | 1.97 | ppbv | | 79 |
| 65) tert-Butylbenzene | 16.71 | 119 | 635845 | 2.11 | ppbv | | 97 |
| 66) Benzyl Chloride | 16.95 | 91 | 12101 | 0.86 | ppbv | # | 77 |
| 67) sec-Butylbenzene | 17.26 | 105 | 906656 | 2.16 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.62 | 119 | 711593 | 2.19 | ppbv | | 98 |
| 70) n-Butylbenzene | 18.52 | 91 | 719887 | 2.23 | ppbv | | 99 |
| 71) 2-Chlorotoluene | 15.42 | 91 | 547904 | 2.03 | ppbv | | 100 |
| 72) 4-Ethyltoluene | 15.81 | 105 | 587299 | 2.04 | ppbv | | 98 |
| 73) 1,3,5-Trimethylbenzene | 15.97 | 105 | 541853 | 2.09 | ppbv | | 92 |
| 74) 1,2,4-Trimethylbenzene | 16.73 | 105 | 575423 | 2.10 | ppbv | | 95 |
| 75) 1,3-Dichlorobenzene | 16.96 | 146 | 312795 | 2.11 | ppbv | | 98 |
| 76) 1,4-Dichlorobenzene | 17.11 | 146 | 288057 | 2.01 | ppbv | | 95 |
| 77) 1,2-Dichlorobenzene | 17.79 | 146 | 298799 | 2.15 | ppbv | | 98 |
| 78) Hexachloro-1,3-Butadiene | 23.35 | 225 | 238008 | 2.45 | ppbv | | 99 |
| 79) Naphthalene | 22.17 | 128 | 284493 | 2.15 | ppbv | | 96 |
| 80) Naphthalene,2-methyl- | 24.95 | 142 | 45619 | 2.70 | ppbv | | 93 |
| 81) 1,2,4-Trichlorobenzene | 21.89 | 180 | 177079 | 2.26 | ppbv | | 97 |

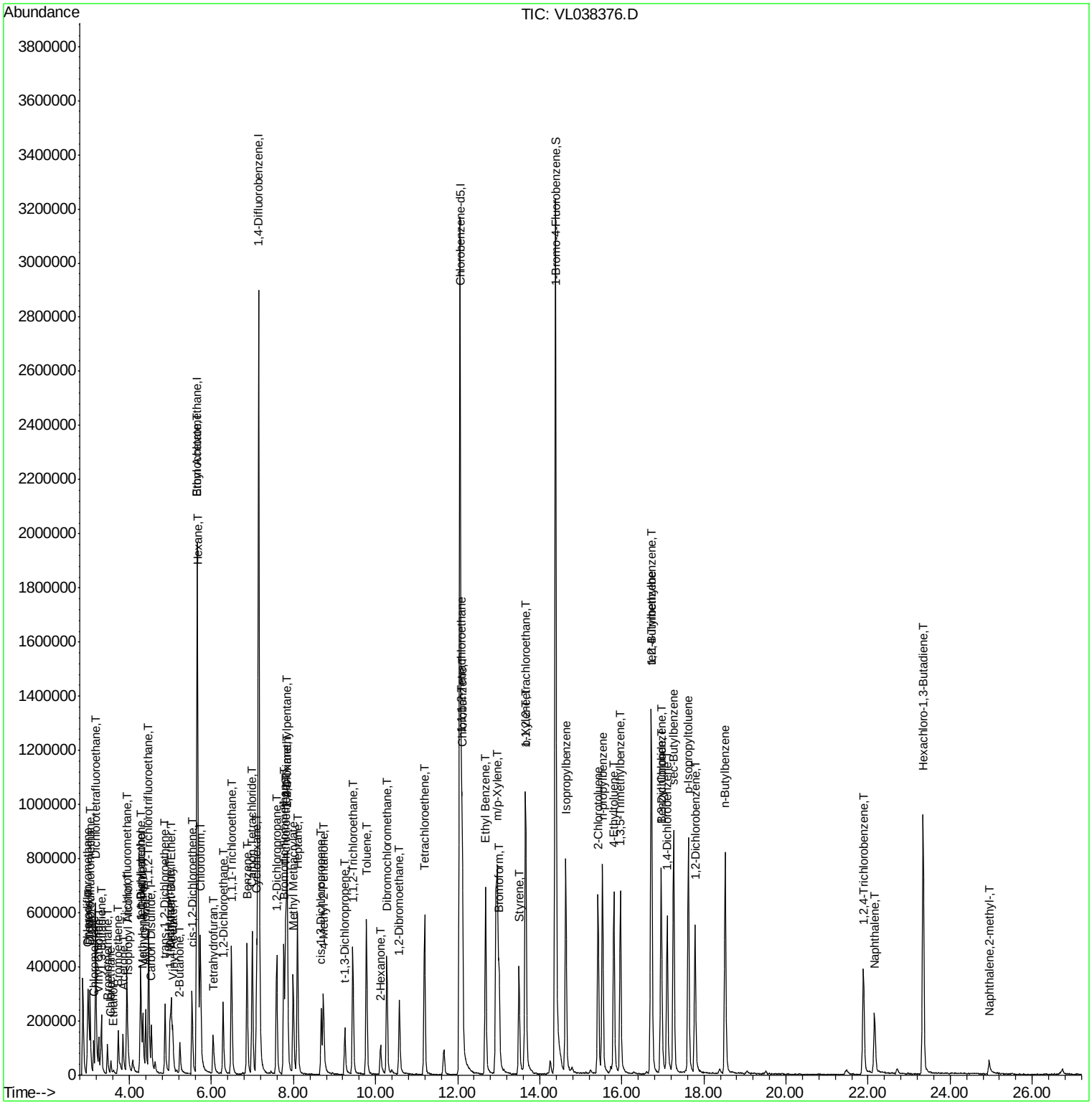
(#) = qualifier out of range (m) = manual integration (+) = signals summed

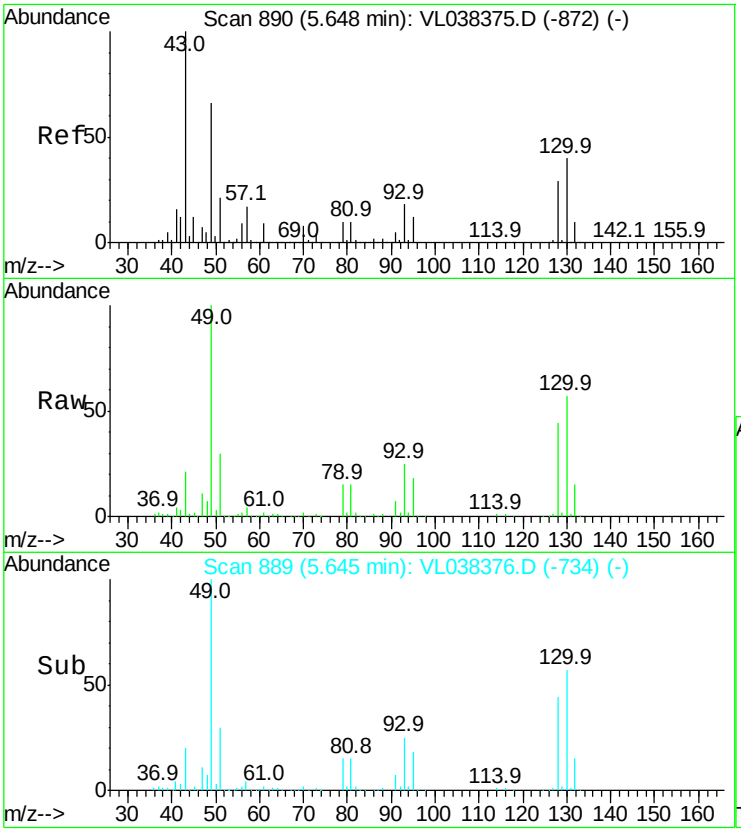
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038376.D
Acq On : 22 Feb 2022 4:51
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Quant Time: Feb 22 07:55:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 07:53:26 2022
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration



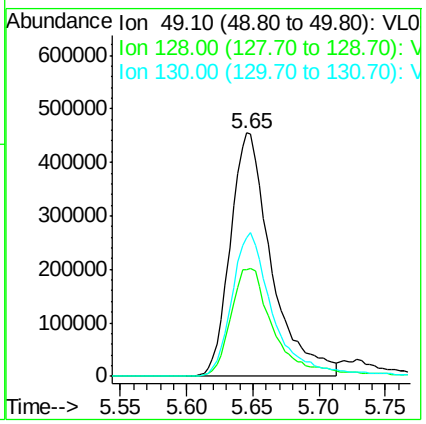


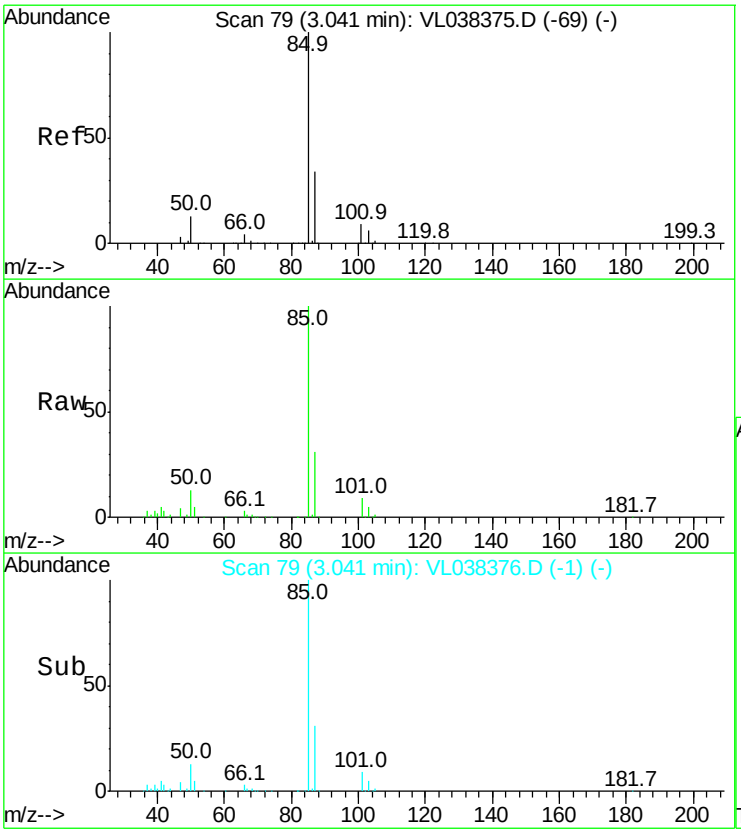

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 49 Resp: 982680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 48.1 | 24.3 | 72.9 |
| 130 | 60.9 | 30.1 | 90.5 |

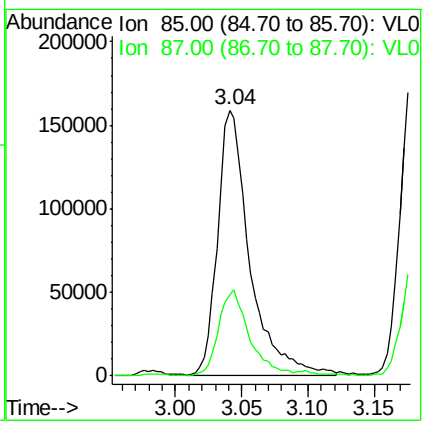


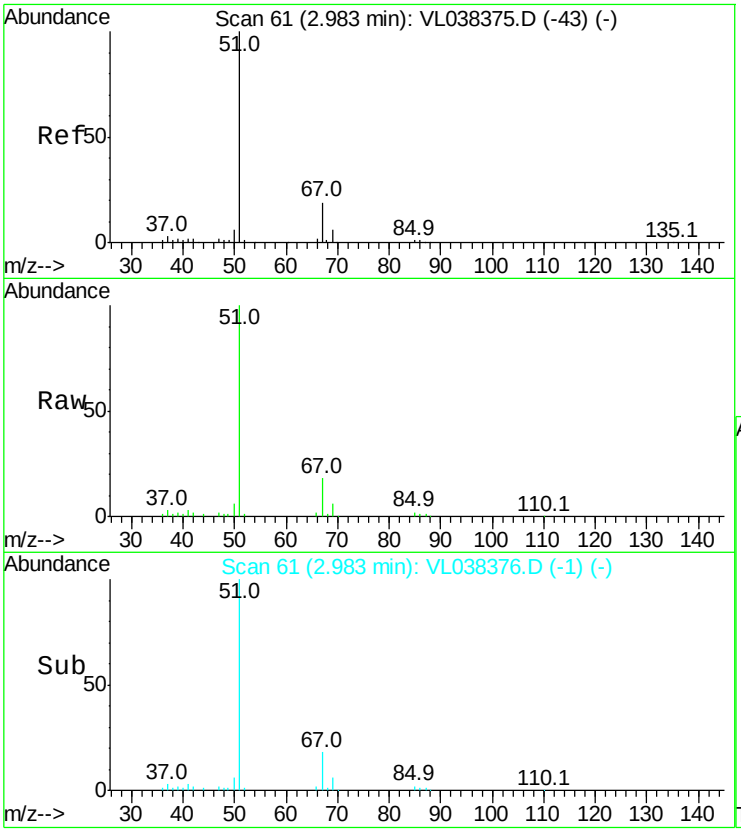




#2
Dichlorodifluoromethane
Concen: 1.35 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 85 Resp: 264775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.7 | 27.4 | 41.0 |



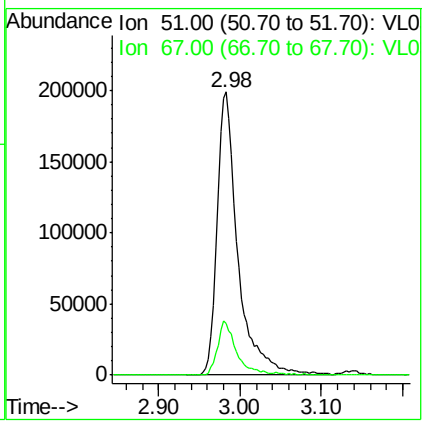


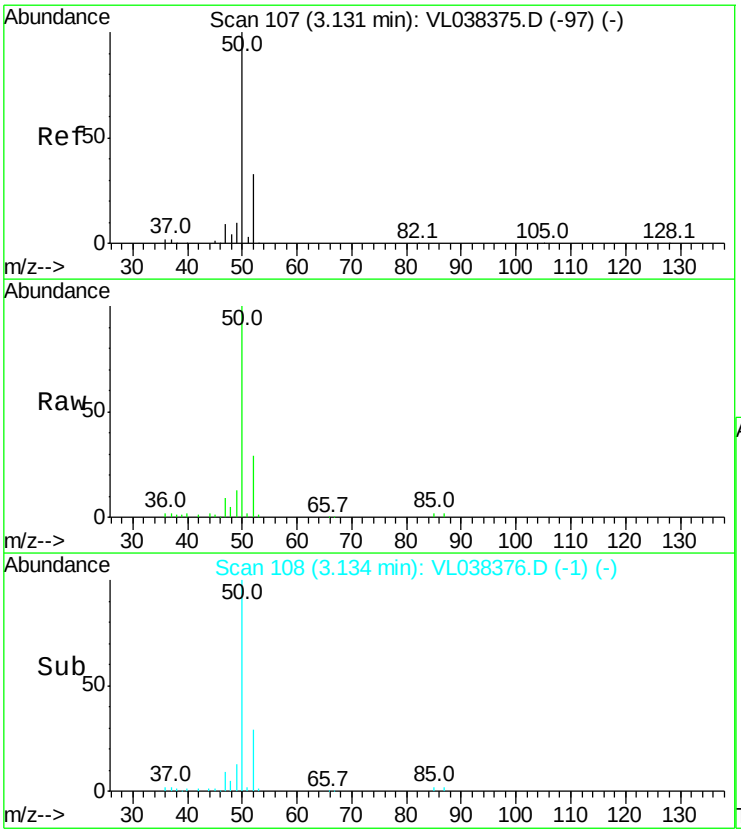

#3
Chlorodifluoromethane
Concen: 1.89 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 51 Resp: 360004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 17.9 | 14.7 | 22.1 |

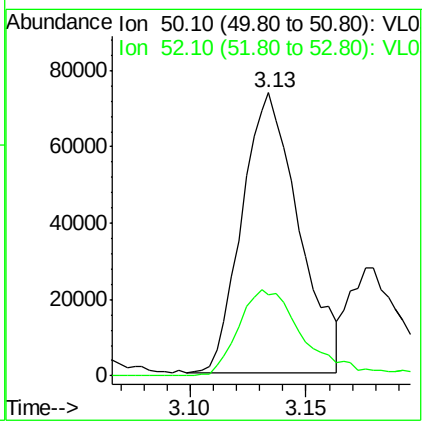


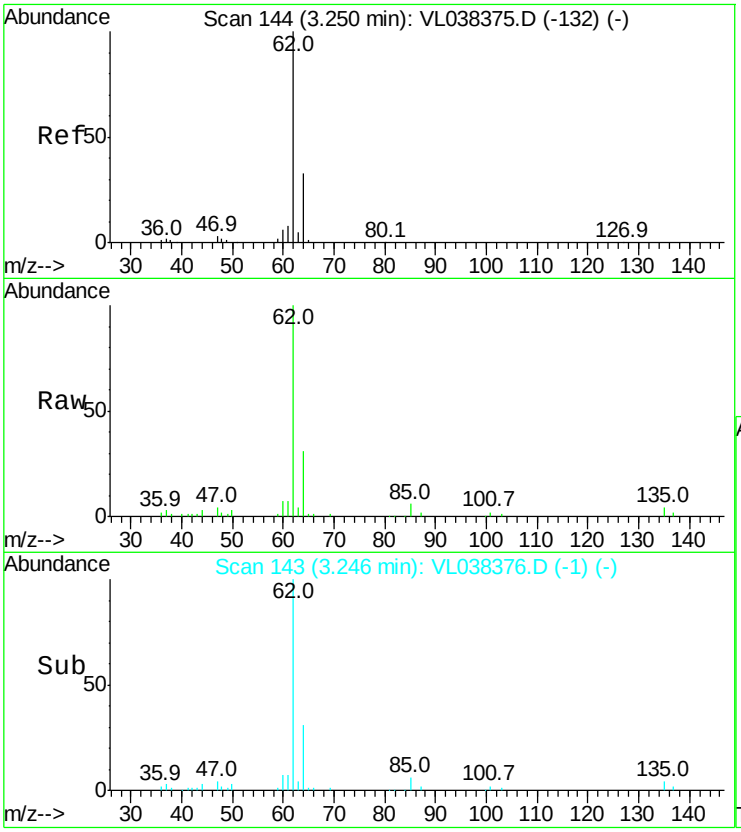




#4
Chloromethane
Concen: 1.92 ppbv
RT: 3.13 min Scan# 108
Delta R.T. 0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 50 Resp: 125686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.8 | 26.5 | 39.7 |



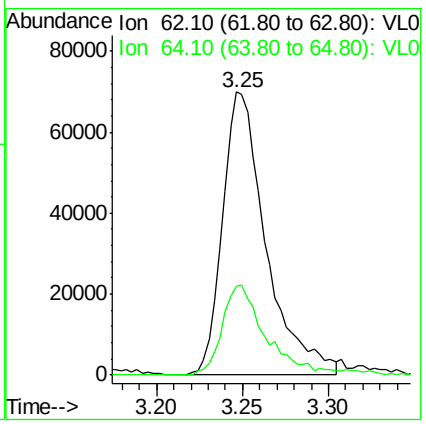


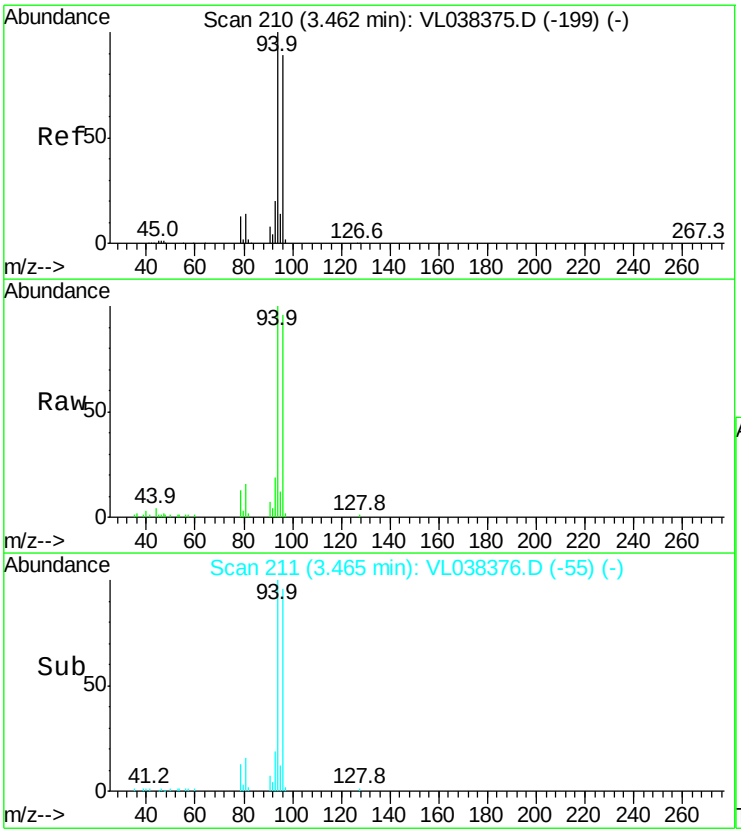

#5
Vinyl Chloride
Concen: 1.85 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 62 Resp: 122786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.2 | 26.2 | 39.2 |

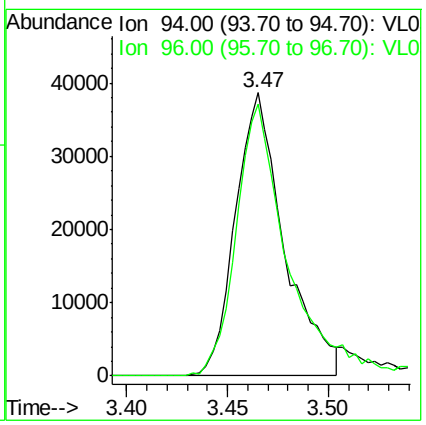


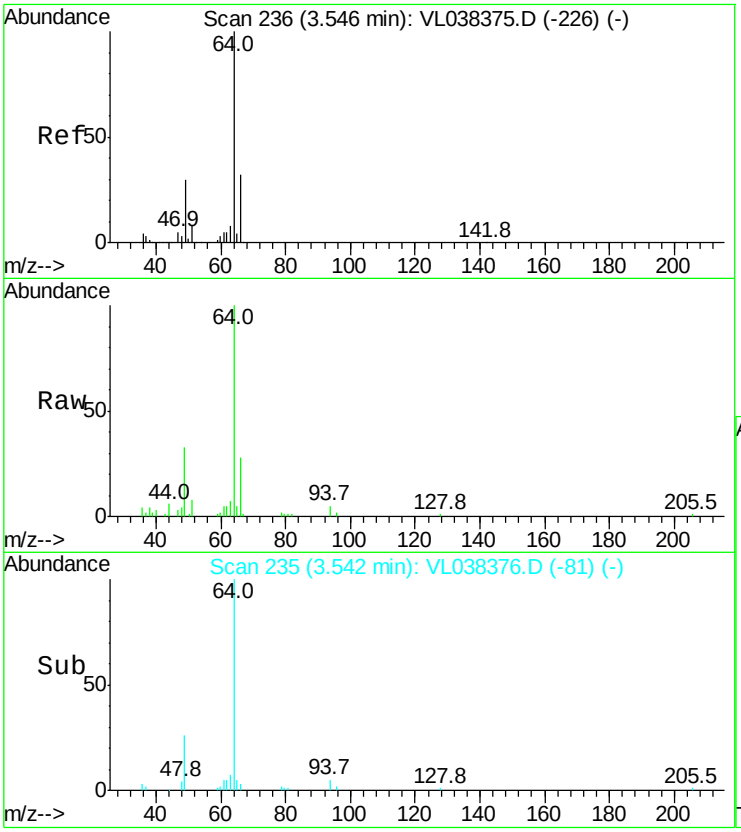




#6
Bromomethane
Concen: 1.86 ppbv
RT: 3.47 min Scan# 211
Delta R.T. 0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 94 Resp: 65444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.1 | 71.0 | 106.6 |



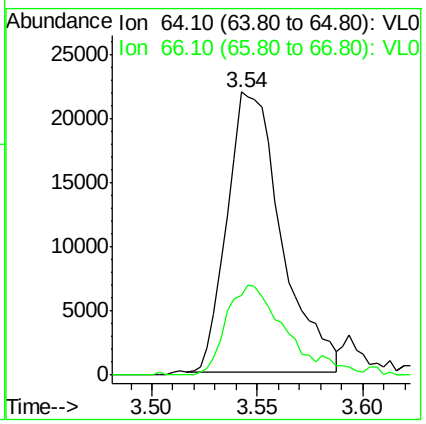


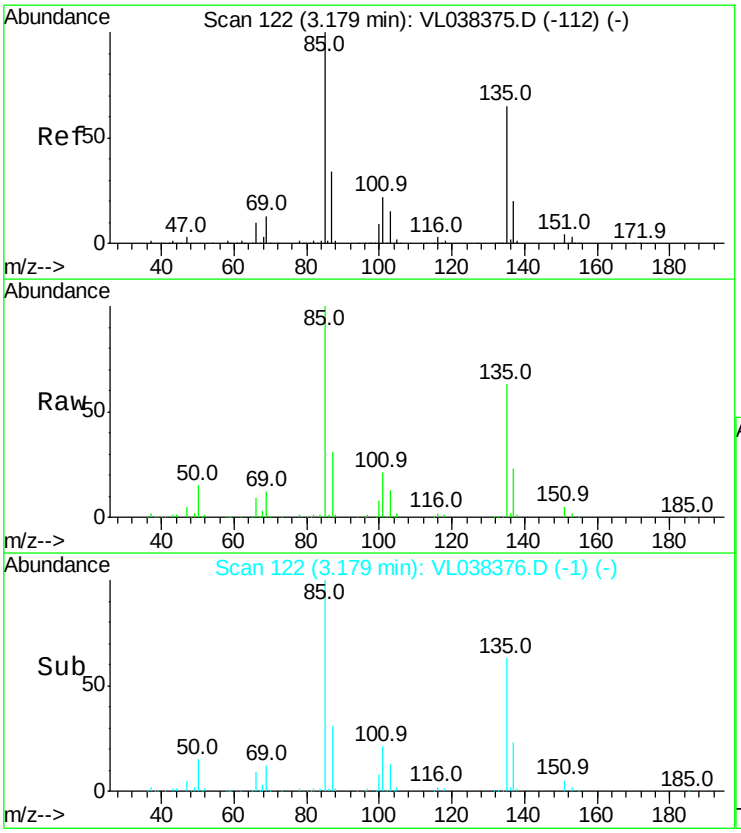

#7
Chloroethane
Concen: 1.78 ppbv
RT: 3.54
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 64 Resp: 39258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.5 | 25.9 | 38.9 |

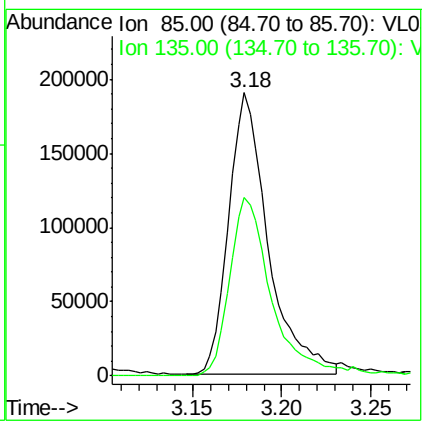


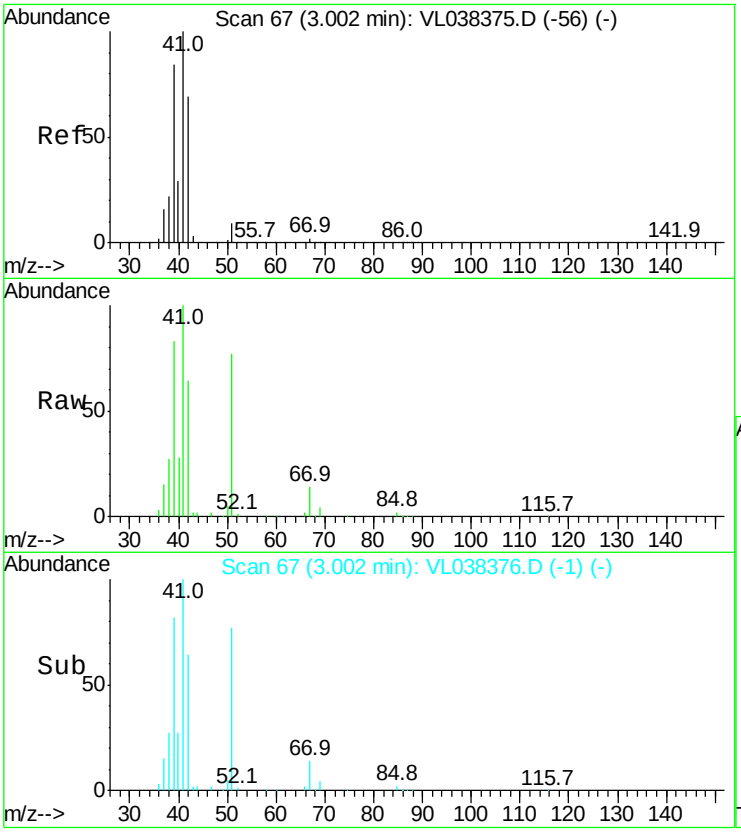




#8
Dichlorotetrafluoroethane
Concen: 1.86 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 85 Resp: 293529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 69.0 | 54.1 | 81.1 |



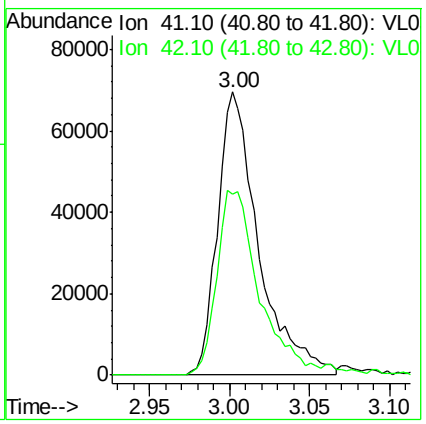


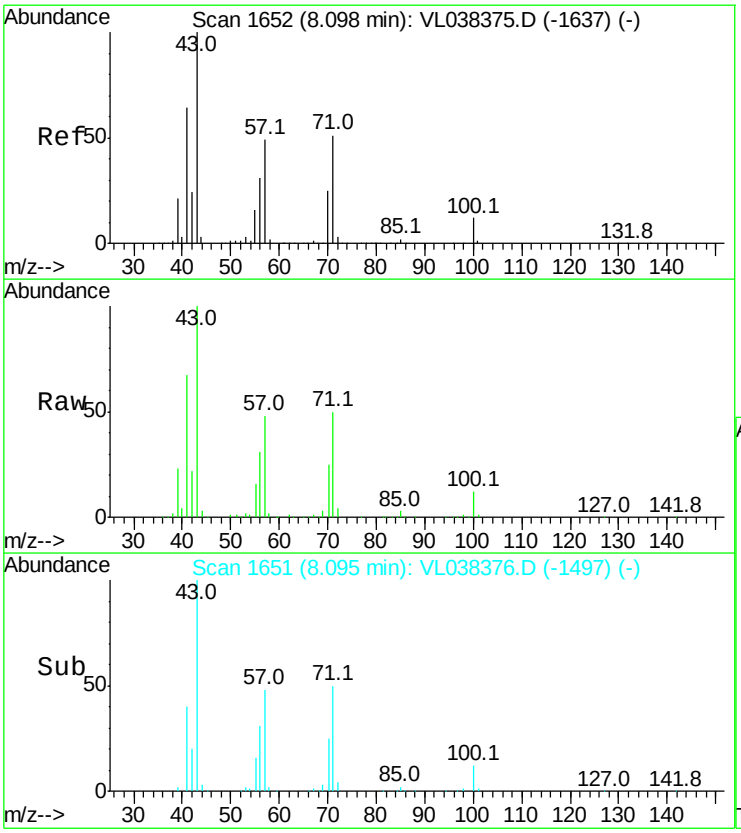

#9
Propene
Concen: 1.98 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 41 Resp: 122238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 70.4 | 54.6 | 82.0 |

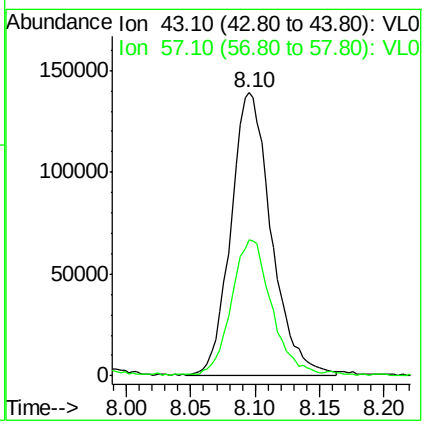


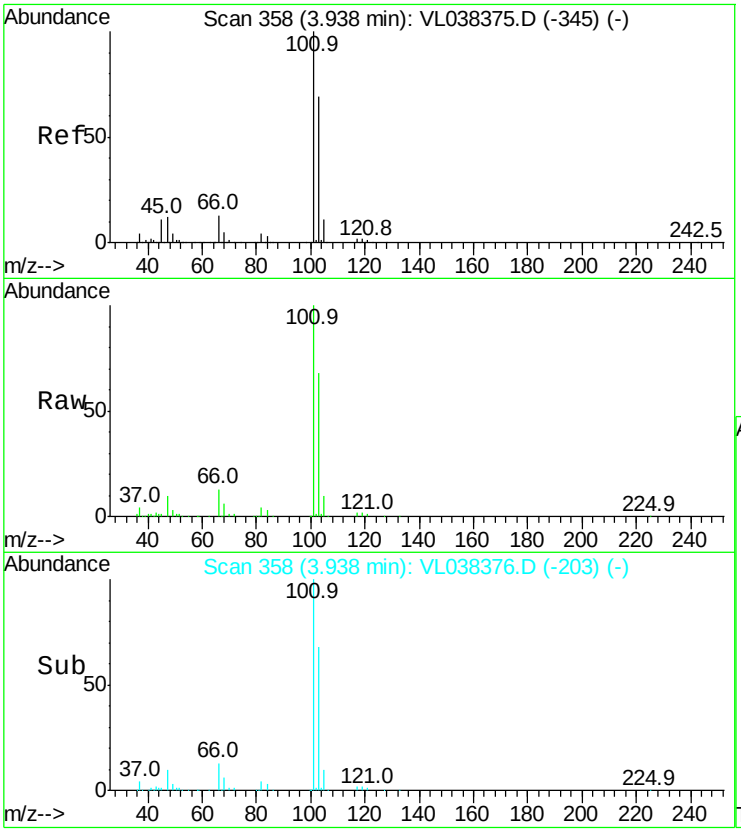




#10
Heptane
Concen: 1.89 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 43 Resp: 300602

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



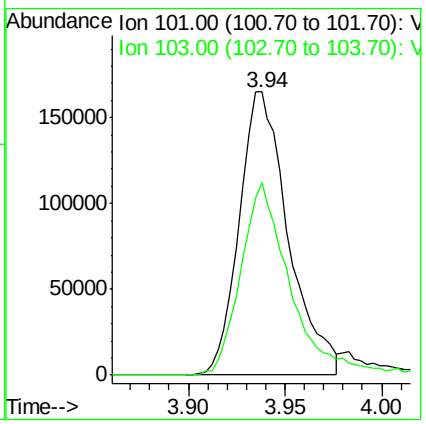


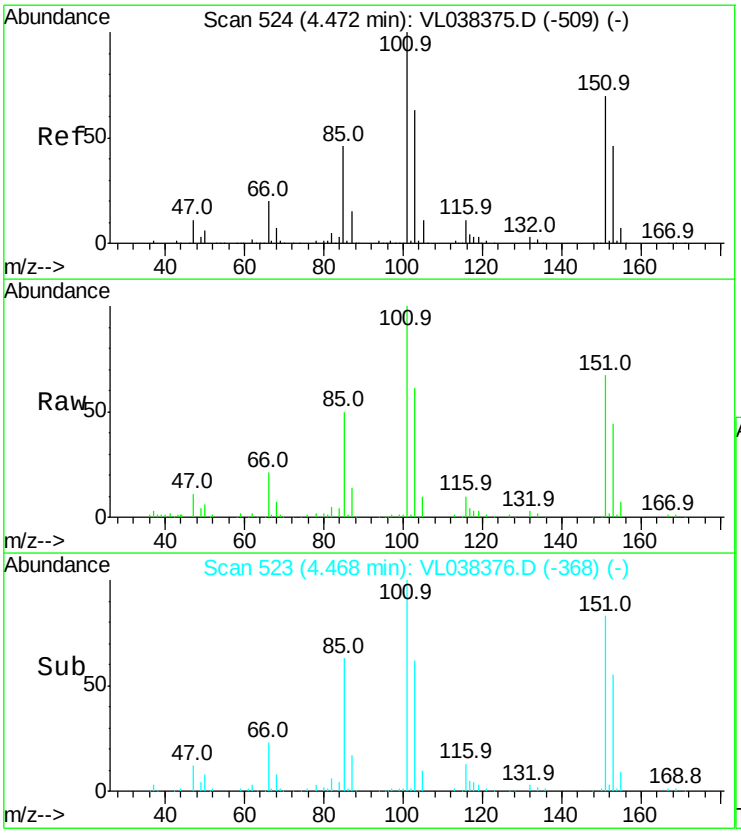

#11
Trichlorofluoromethane
Concen: 1.84 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:101 Resp: 291578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 68.0 | 55.0 | 82.4 |

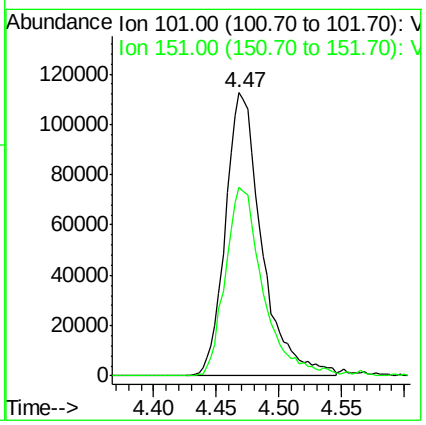


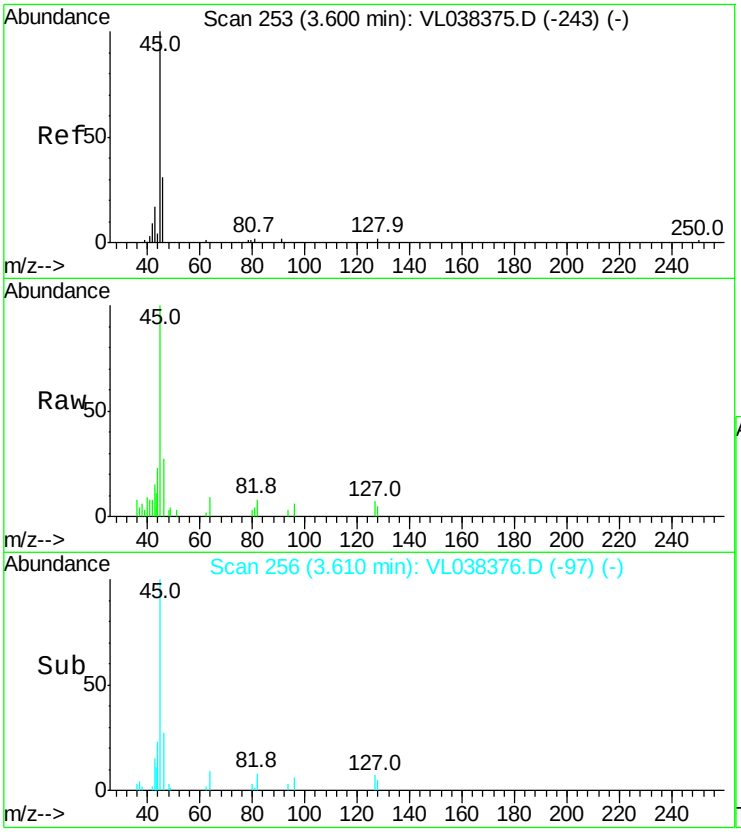




#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.89 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:101 Resp: 226836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 69.4 | 55.9 | 83.9 |



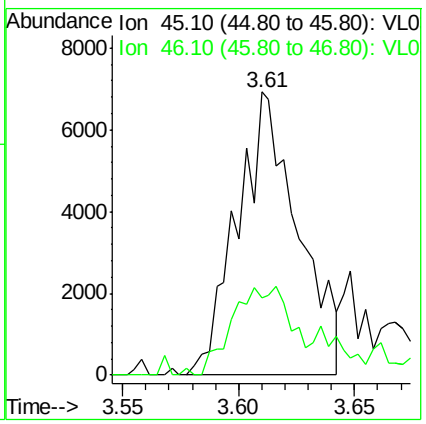


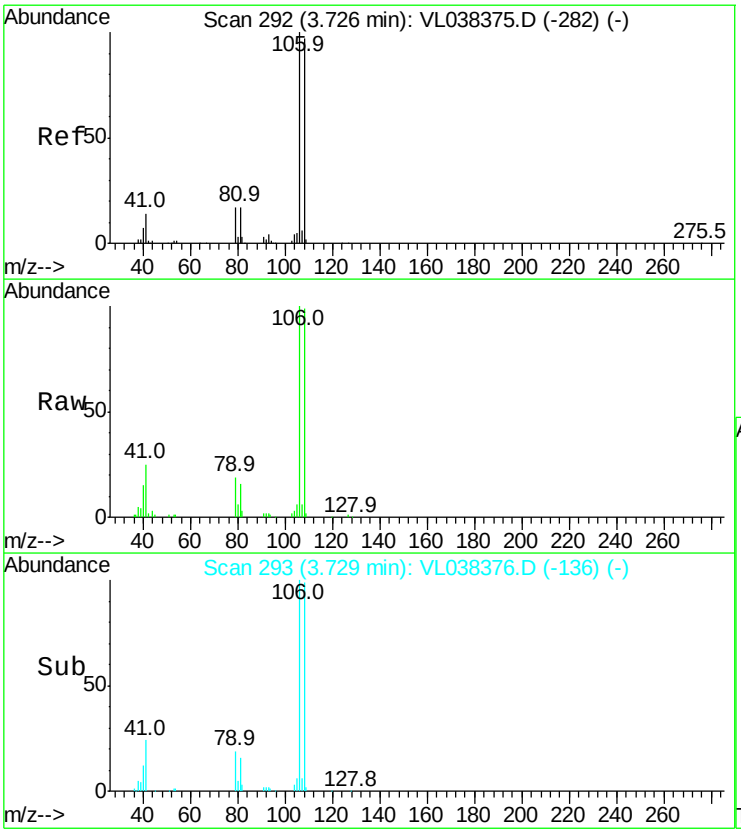

#13
Ethanol
Concen: 1.99 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 45 Resp: 12670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 44.6 | 18.2 | 72.8 |

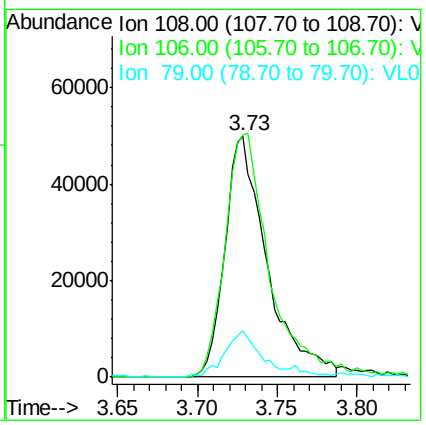


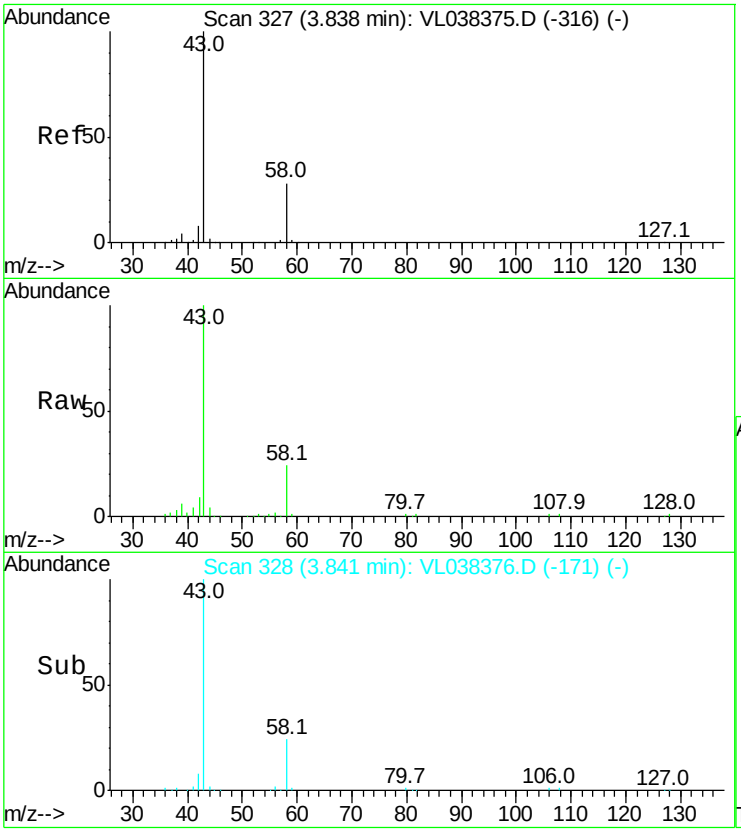




#14
Bromoethene
Concen: 1.92 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:108 Resp: 90110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 110.2 | 88.4 | 132.6 |
| 79 | 19.0 | 15.0 | 22.6 |



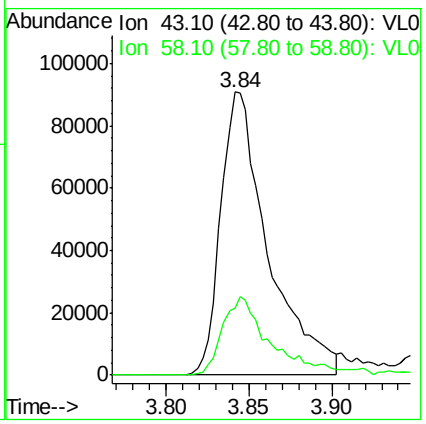


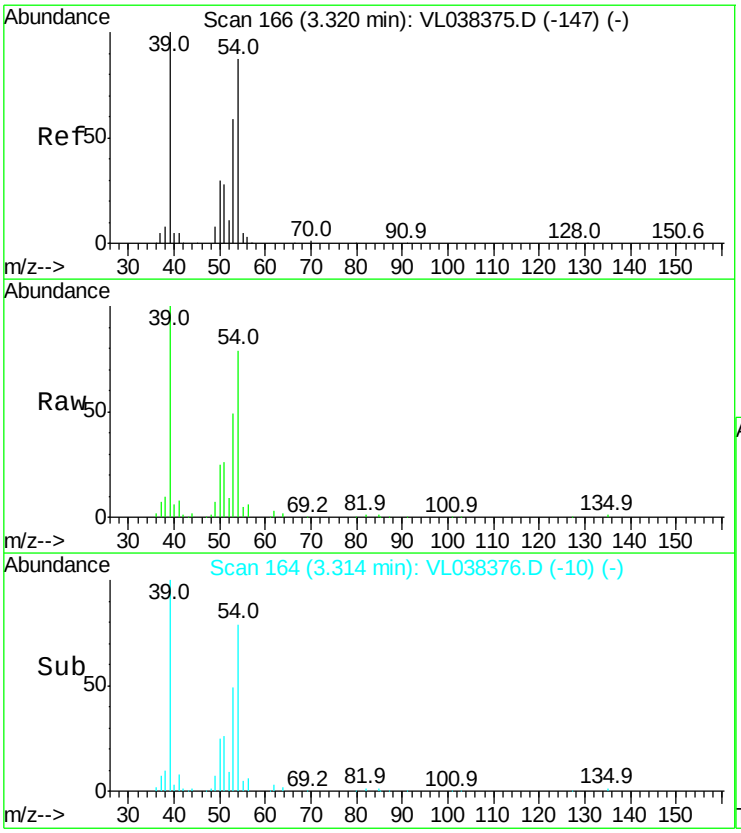

#15
Acetone
Concen: 2.10 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 43 Resp: 179378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.7 | 21.7 | 32.5 |

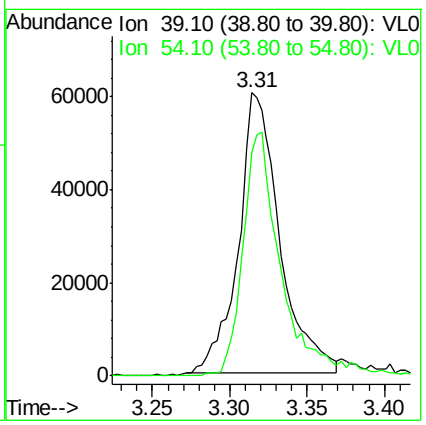


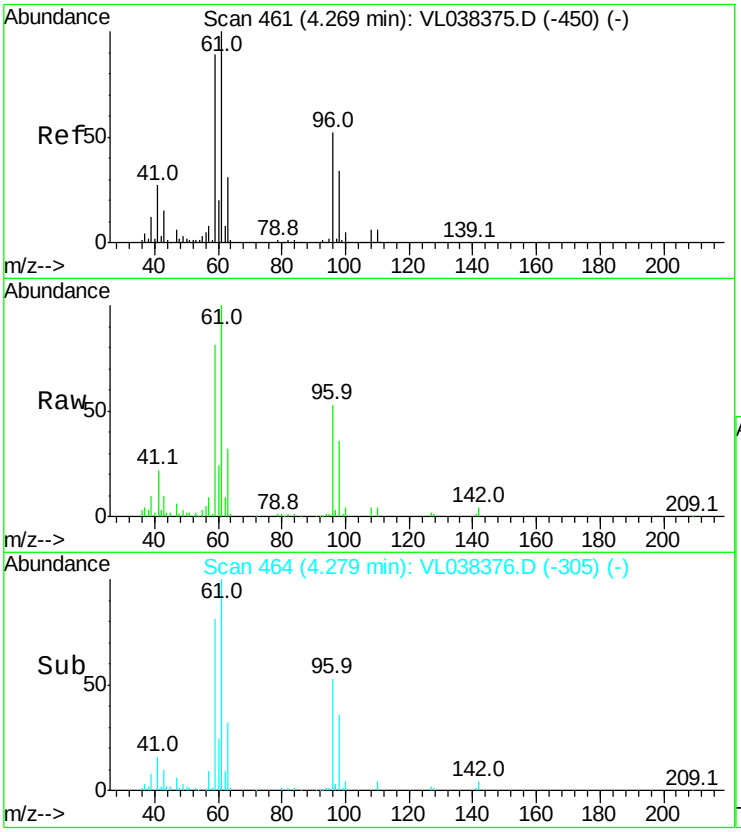




#16
1,3-Butadiene
Concen: 1.85 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 39 Resp: 112682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 80.9 | 60.3 | 90.5 |



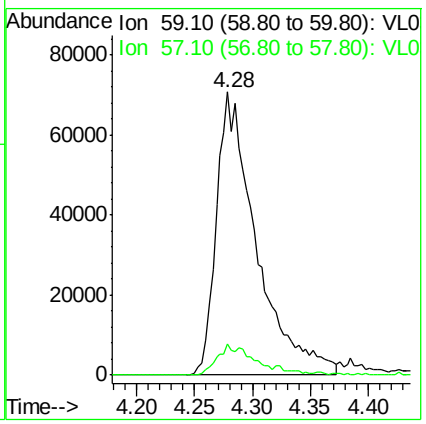


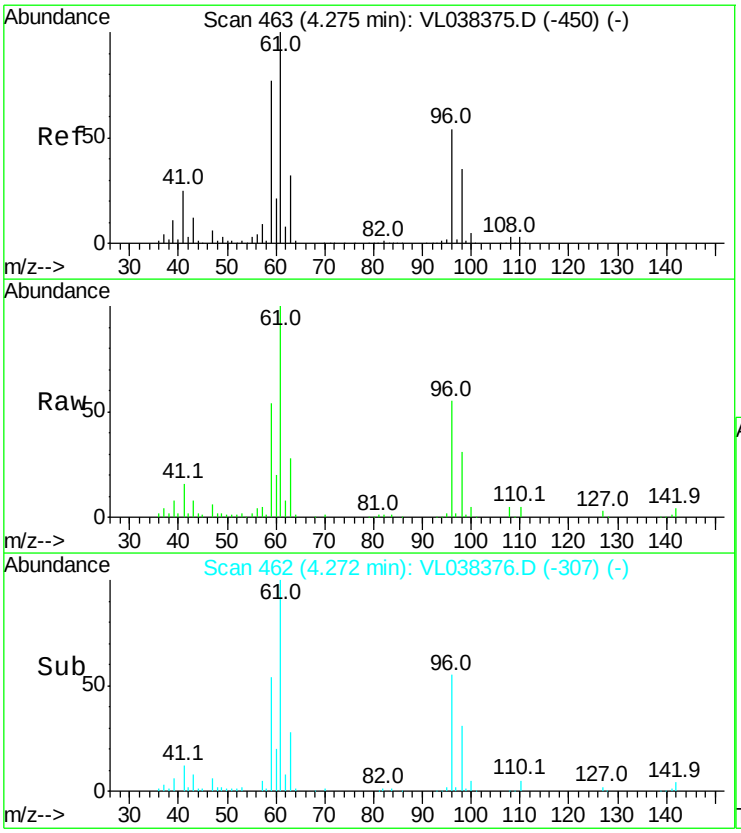

#17
tert-Butyl alcohol
Concen: 1.84 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 59 Resp: 169450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.3 | 8.4 | 12.6 |

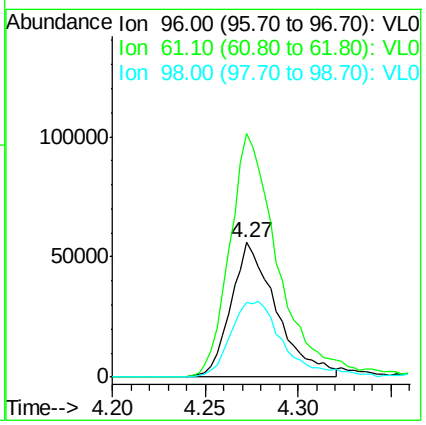


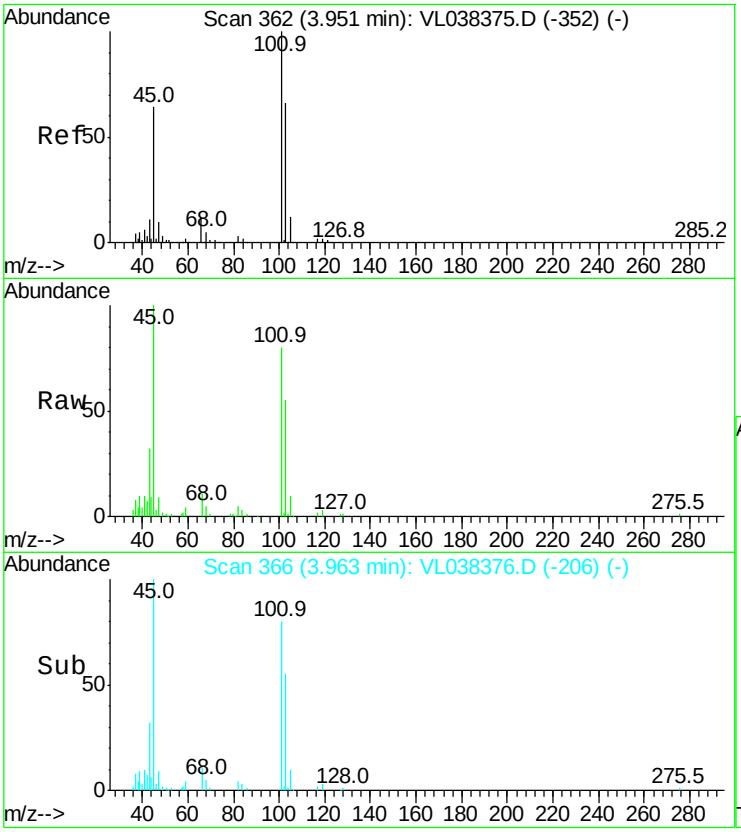




#18
1,1-Dichloroethene
Concen: 1.85 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 96 Resp: 95933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 180.7 | 146.8 | 220.2 |
| 98 | 55.4 | 51.5 | 77.3 |



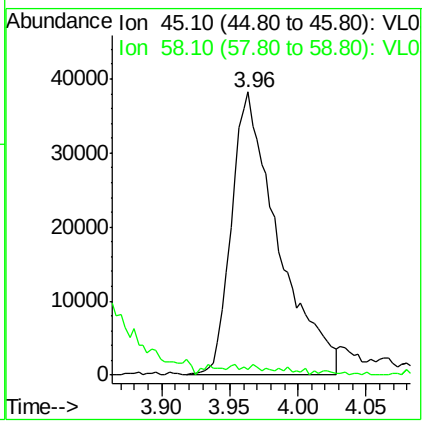


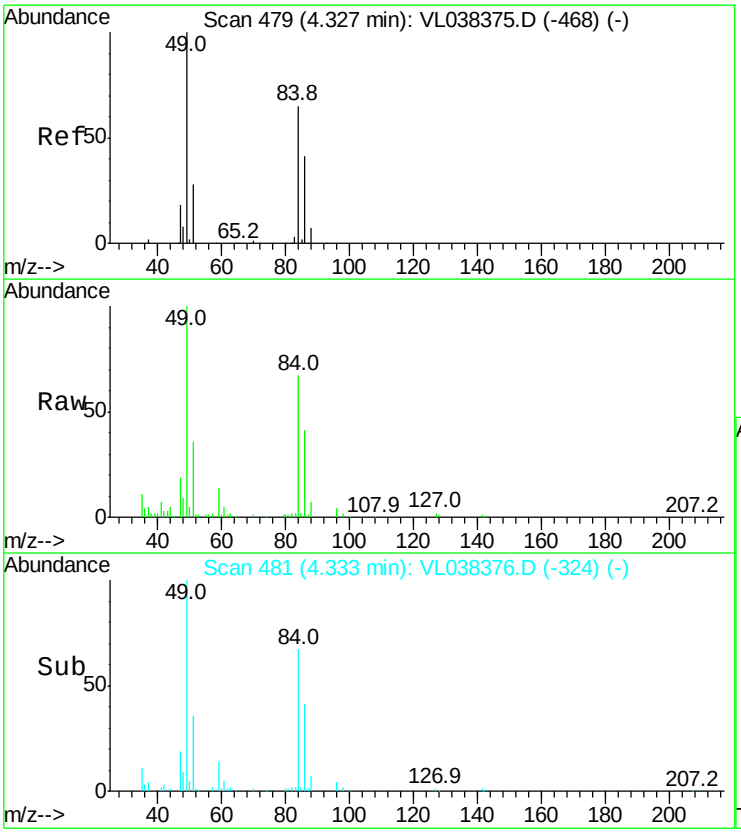

#19
Isopropyl Alcohol
Concen: 1.73 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 45 Resp: 91097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 4.4 | 1.8 | 2.8# |

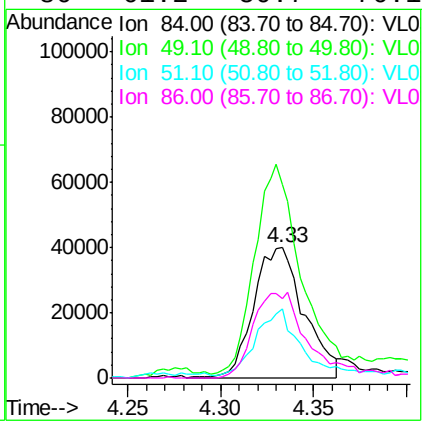


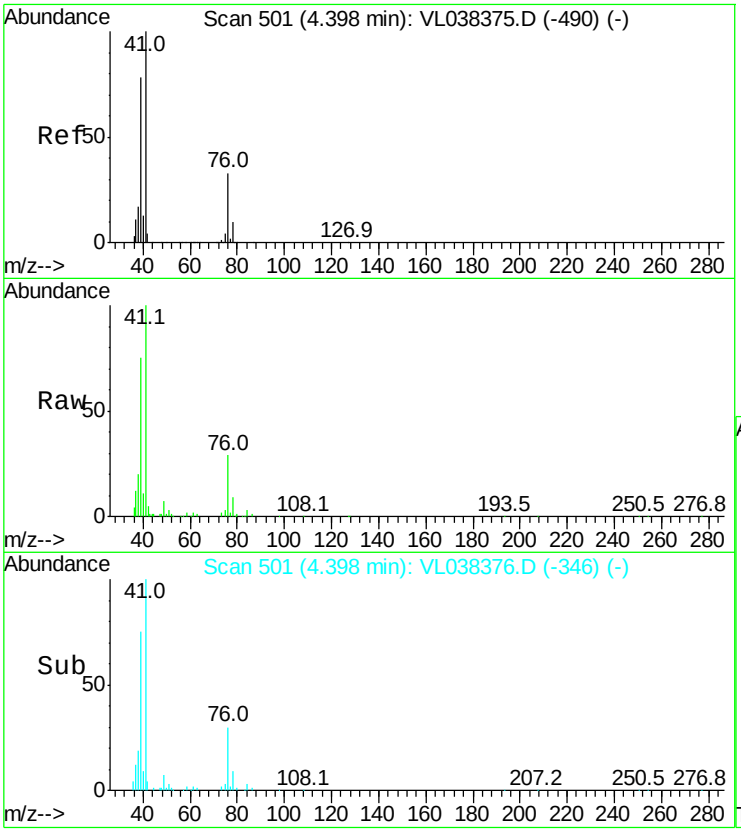




#20
Methylene Chloride
Concen: 1.53 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 84 Resp: 74859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 142.0 | 122.4 | 183.6 |
| 51 | 50.6 | 33.3 | 49.9# |
| 86 | 61.2 | 50.7 | 76.1 |



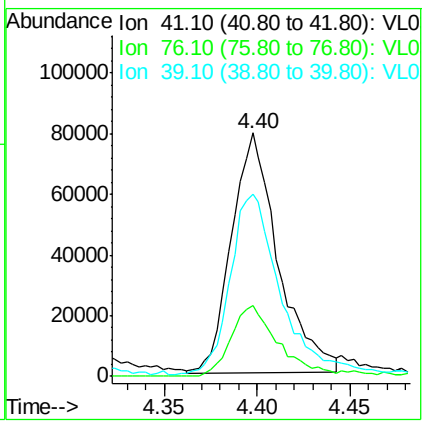


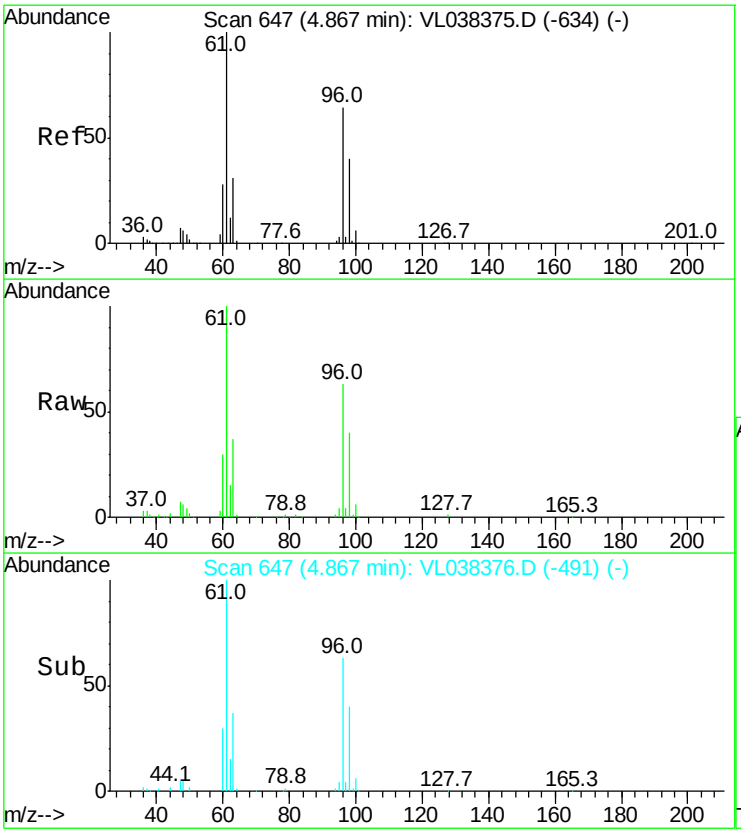

#21
Allyl Chloride
Concen: 1.87 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 41 Resp: 139166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 31.1 | 25.4 | 38.0 |
| 39 | 84.4 | 63.0 | 94.6 |

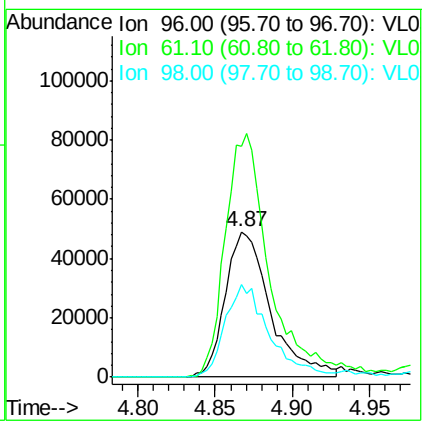


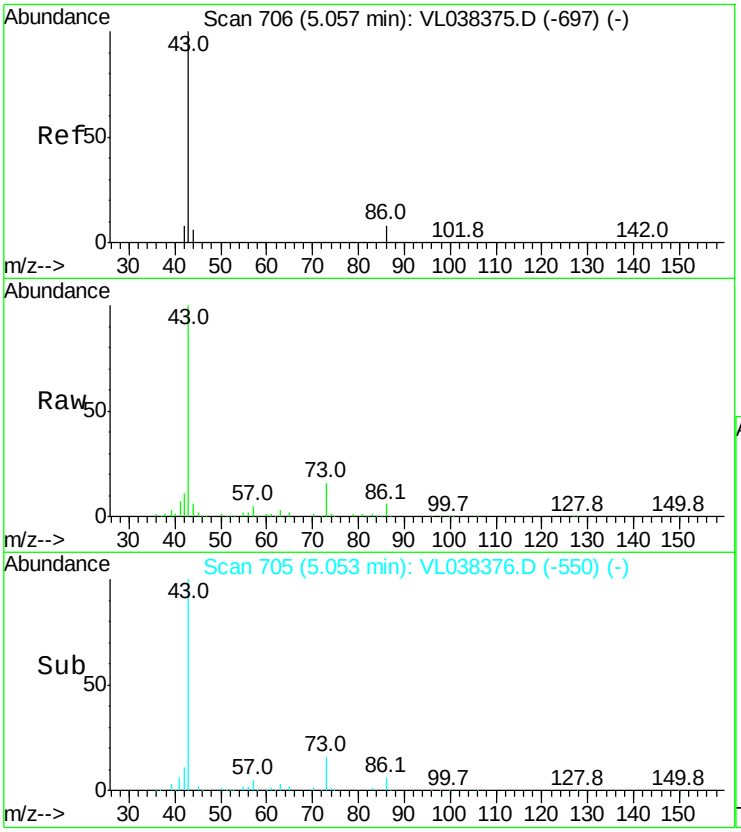




#22
trans-1,2-Dichloroethene
Concen: 1.85 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 96 Resp: 99821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.9 | 124.2 | 186.4 |
| 98 | 63.2 | 49.1 | 73.7 |



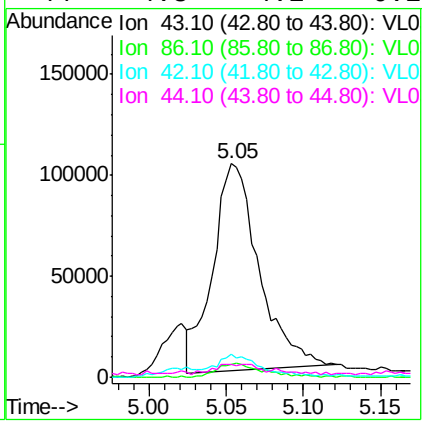


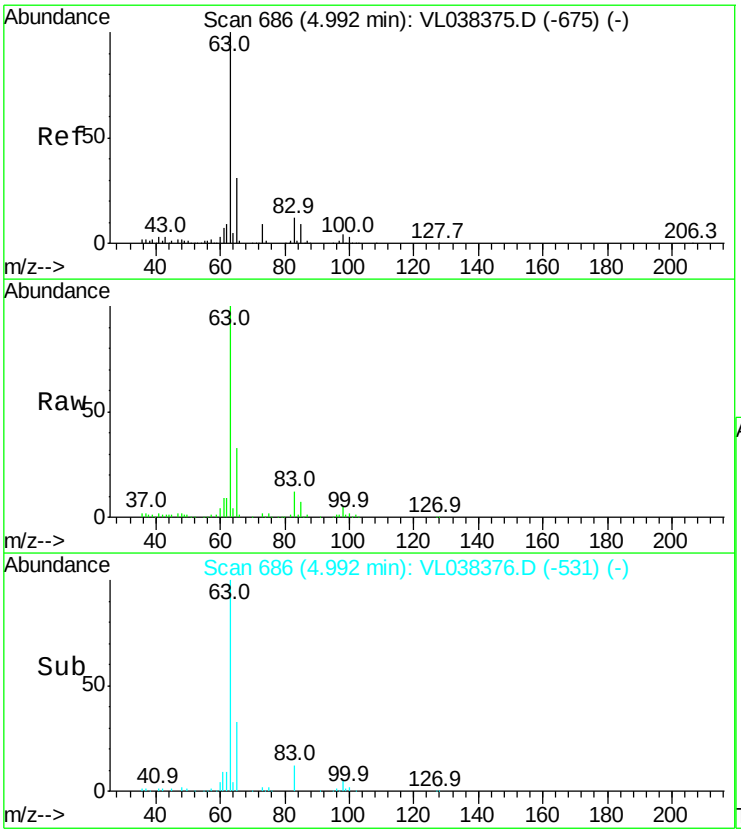

#23
Vinyl Acetate
Concen: 1.74 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 43 Resp: 213093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.4 | 5.8 | 8.6 |
| 42 | 10.4 | 7.4 | 11.0 |
| 44 | 4.8 | 4.2 | 6.2 |

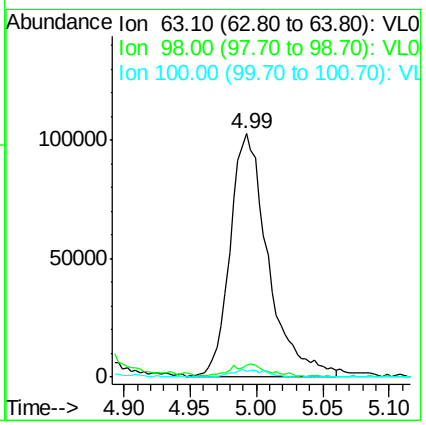


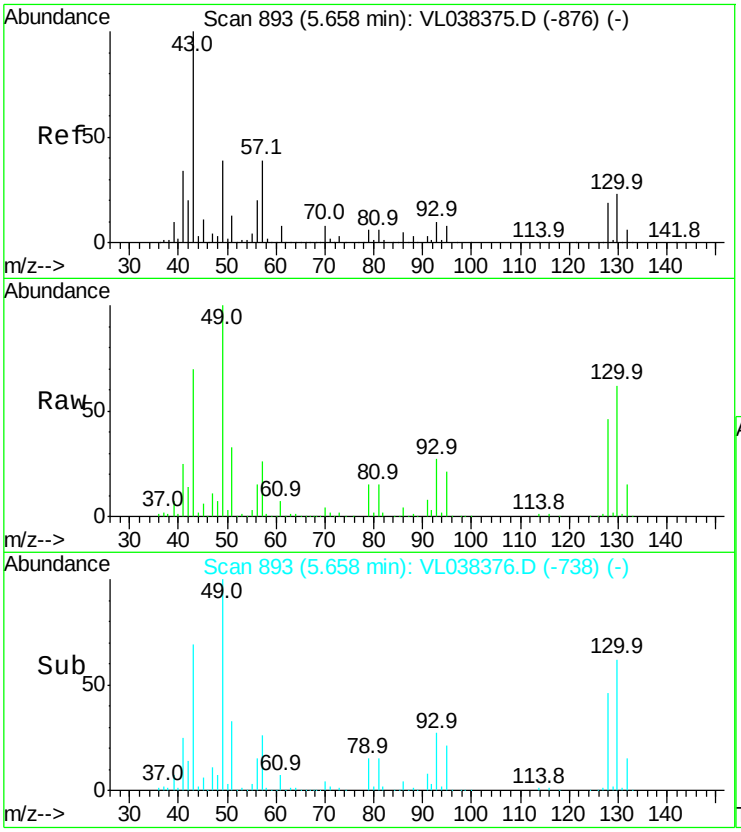




#24
1,1-Dichloroethane
Concen: 1.89 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 63 Resp: 205504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.5 | 2.1 | 6.5 |
| 100 | 2.1 | 1.4 | 4.2 |



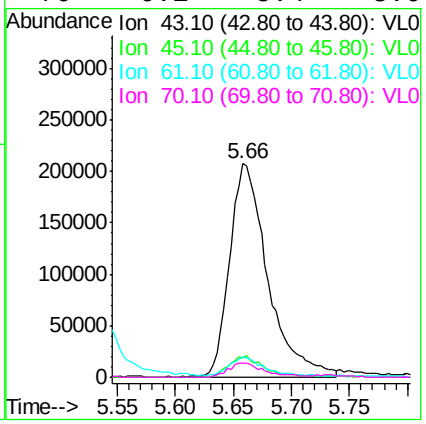


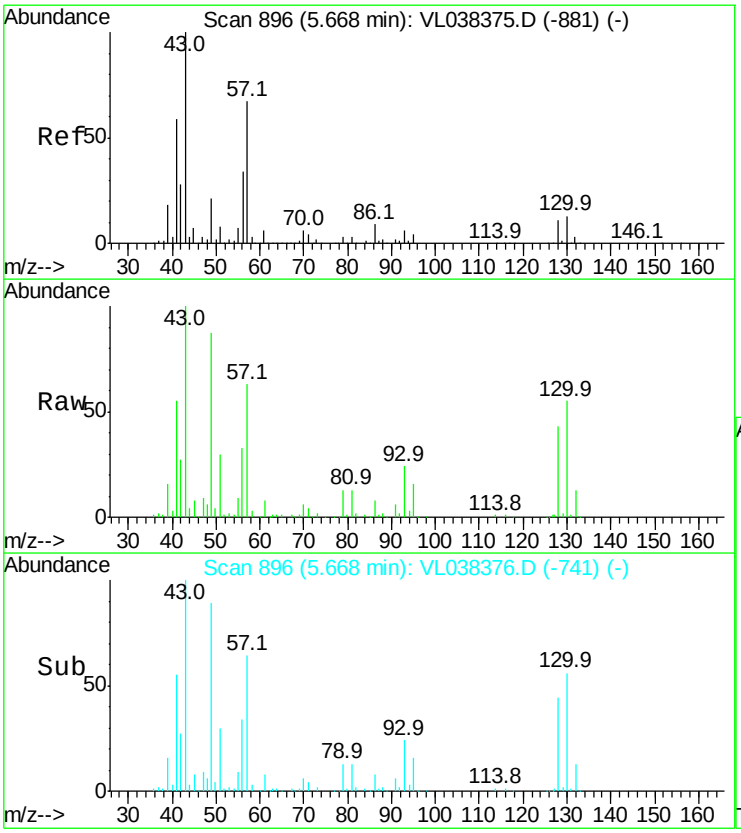

#25
Ethyl Acetate
Concen: 1.96 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 43 Resp: 470840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 10.1 | 7.8 | 11.6 |
| 61 | 10.0 | 7.5 | 11.3 |
| 70 | 6.1 | 5.4 | 8.0 |

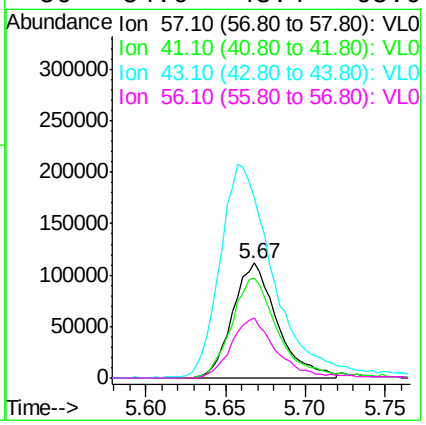


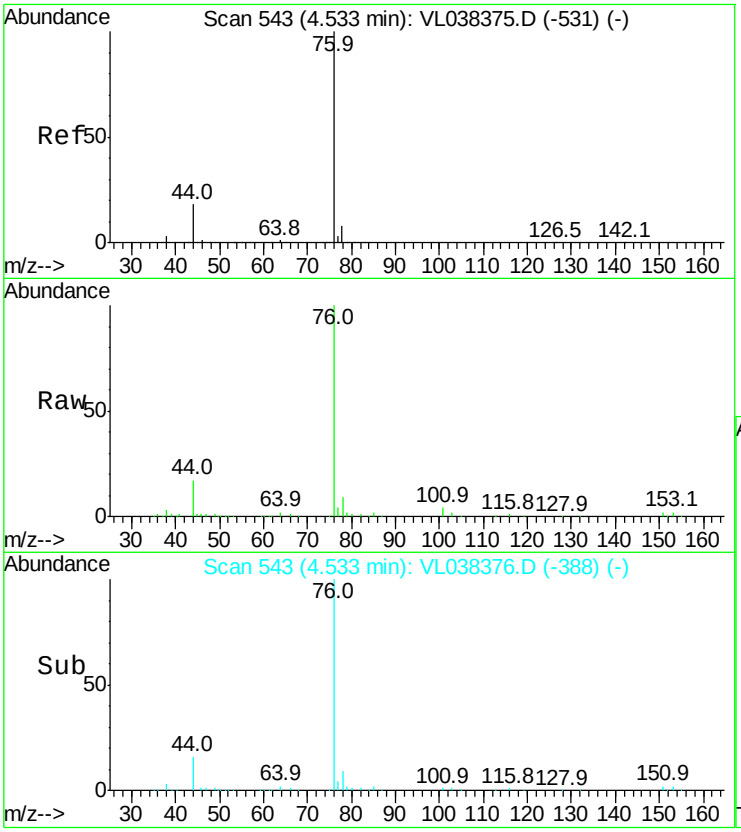




#26
Hexane
Concen: 1.90 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 57 Resp: 211200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 93.8 | 73.1 | 109.7 |
| 43 | 231.0 | 181.0 | 271.4 |
| 56 | 54.6 | 43.4 | 65.0 |



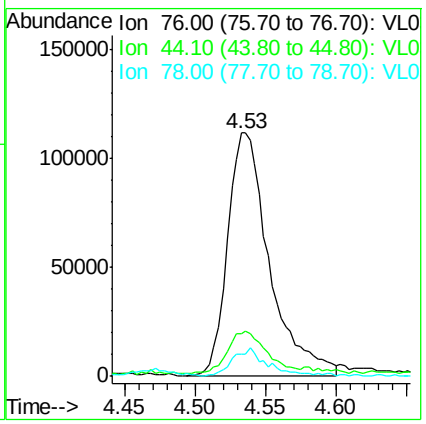


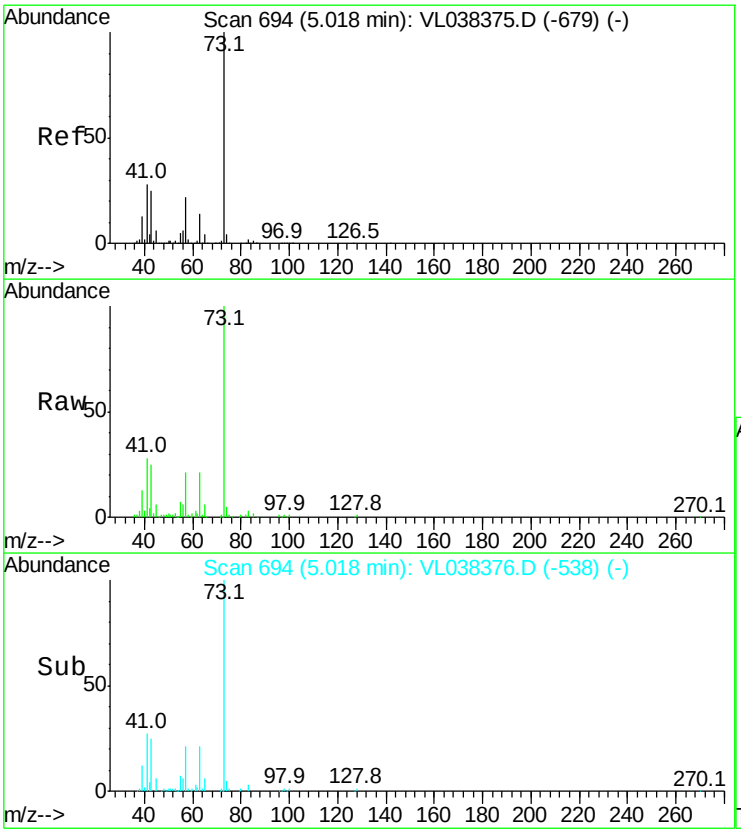

#27
Carbon Disulfide
Concen: 1.81 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 76 Resp: 230259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 19.0 | 14.2 | 21.2 |
| 78 | 10.4 | 7.8 | 11.6 |

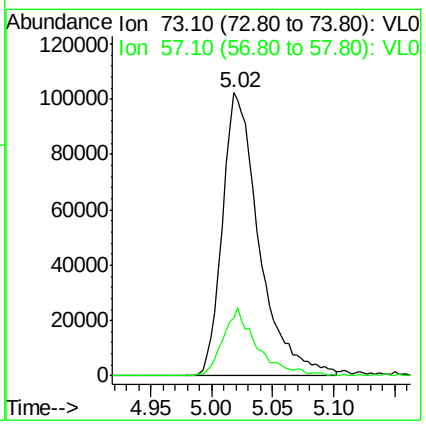


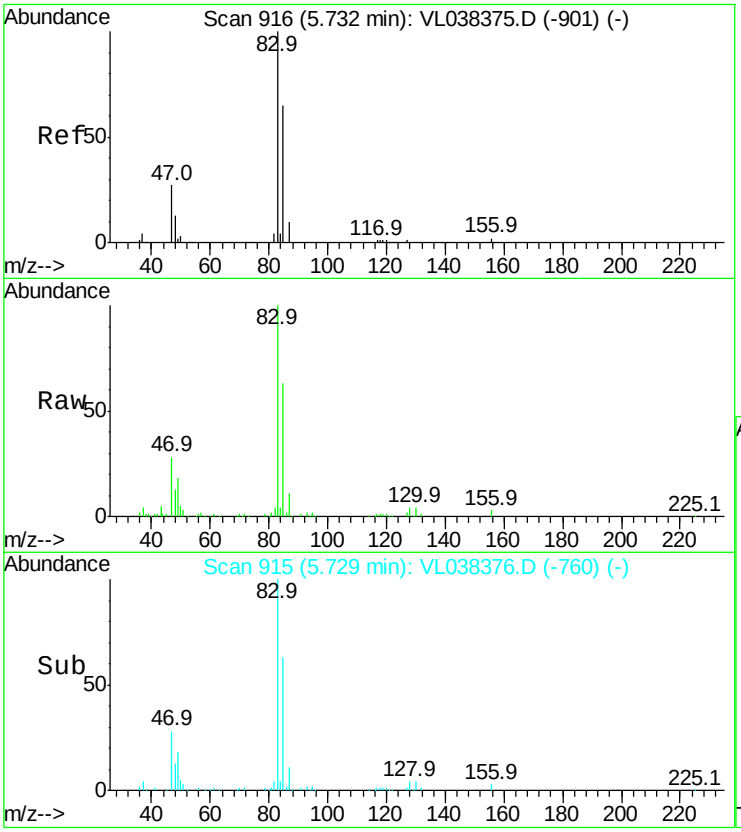




#28
Methyl tert-Butyl Ether
Concen: 1.90 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 73 Resp: 216036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.3 | 18.2 | 27.4 |



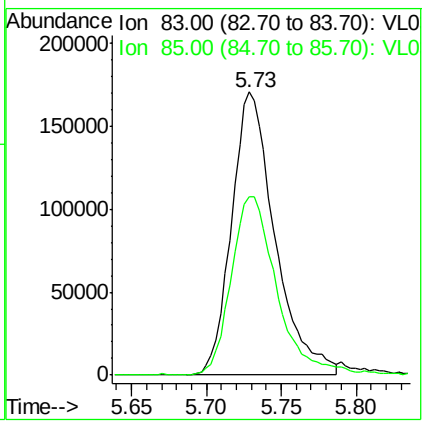


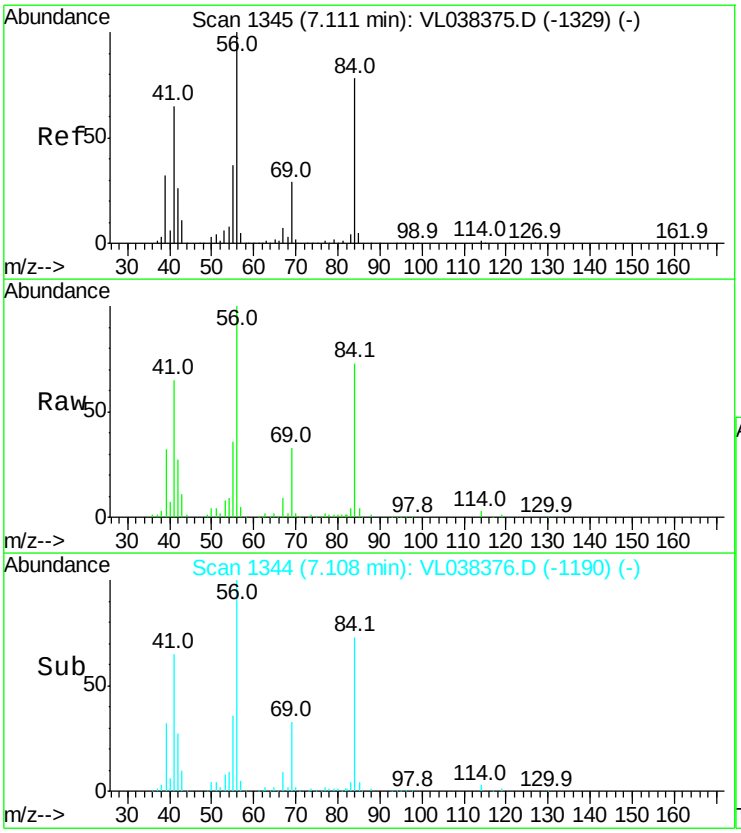

#29
Chloroform
Concen: 1.91 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 83 Resp: 344960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.7 | 51.6 | 77.4 |

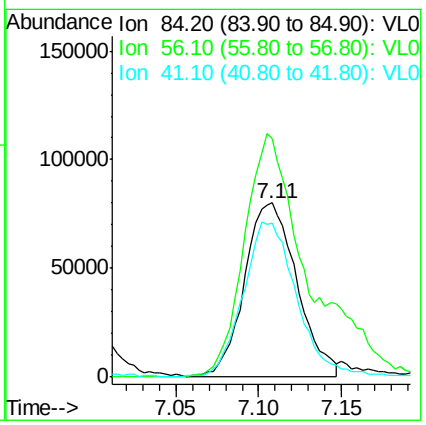


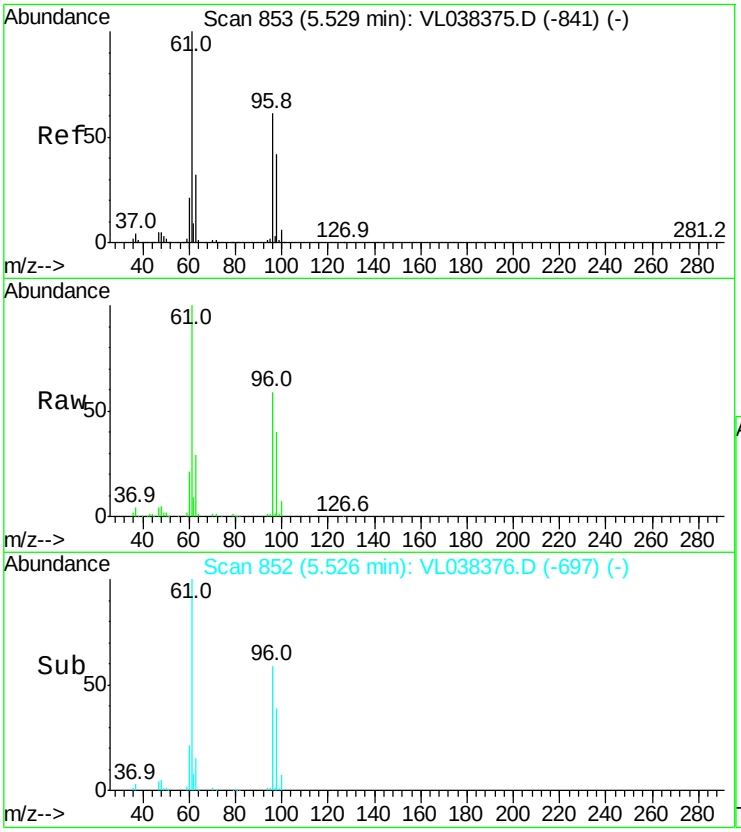




#30
Cyclohexane
Concen: 1.86 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 84 Resp: 176398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 172.8 | 116.2 | 174.4 |
| 41 | 91.8 | 74.3 | 111.5 |



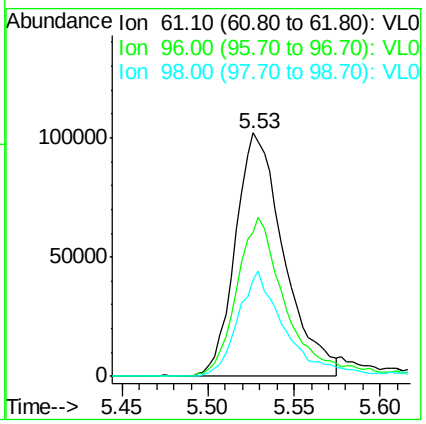


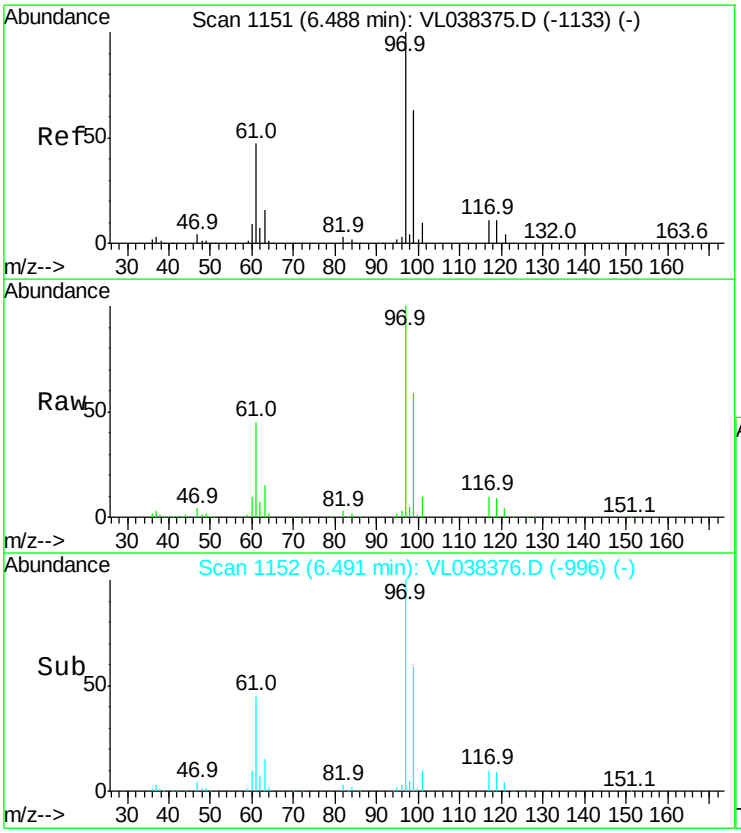

#31
cis-1,2-Dichloroethene
Concen: 1.99 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 61 Resp: 201262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 59.1 | 48.6 | 73.0 |
| 98 | 39.8 | 33.2 | 49.8 |

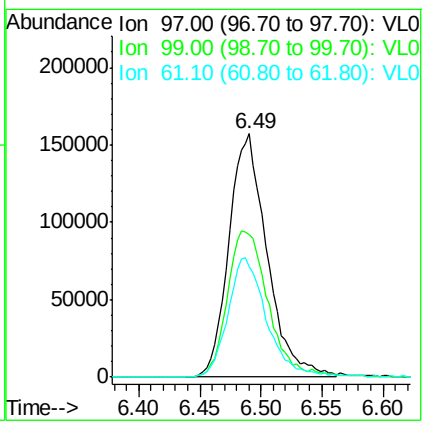


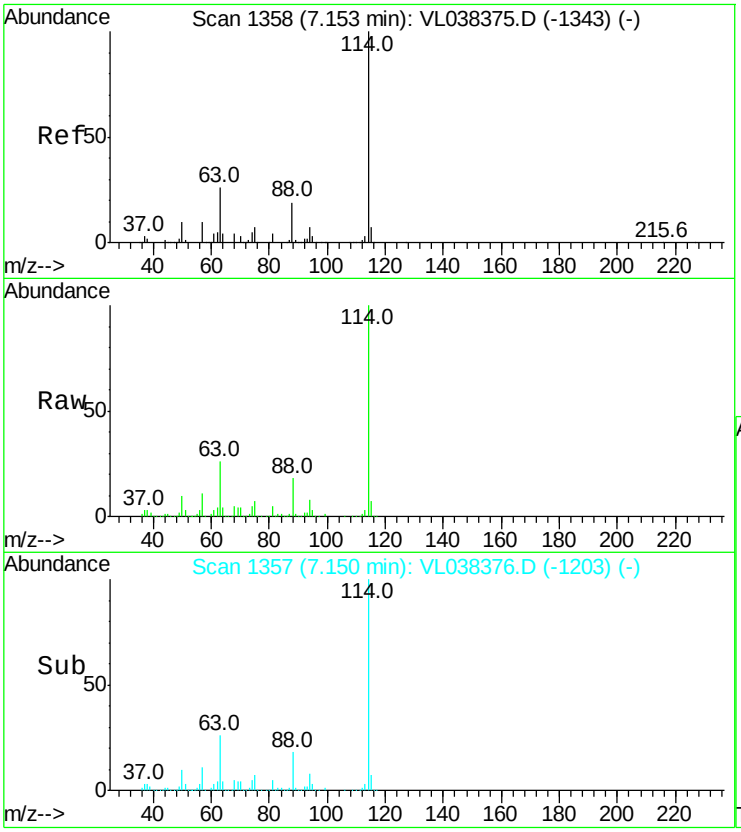




#32
1,1,1-Trichloroethane
Concen: 1.89 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 97 Resp: 342010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.9 | 77.9 |
| 61 | 50.1 | 40.5 | 60.7 |



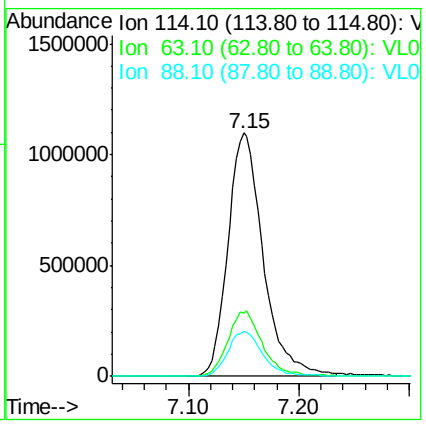


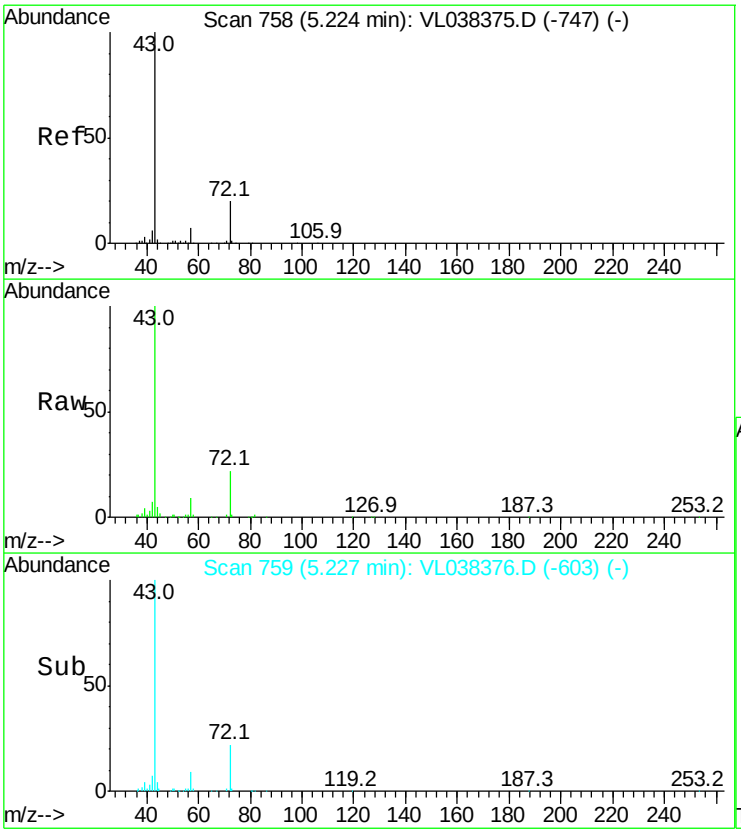

#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:114 Resp: 2427797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 27.1 | 22.2 | 33.2 |
| 88 | 18.5 | 15.2 | 22.8 |

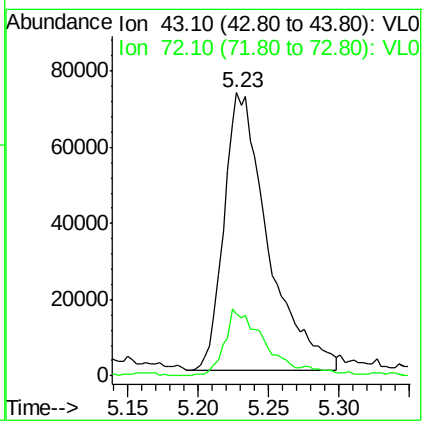


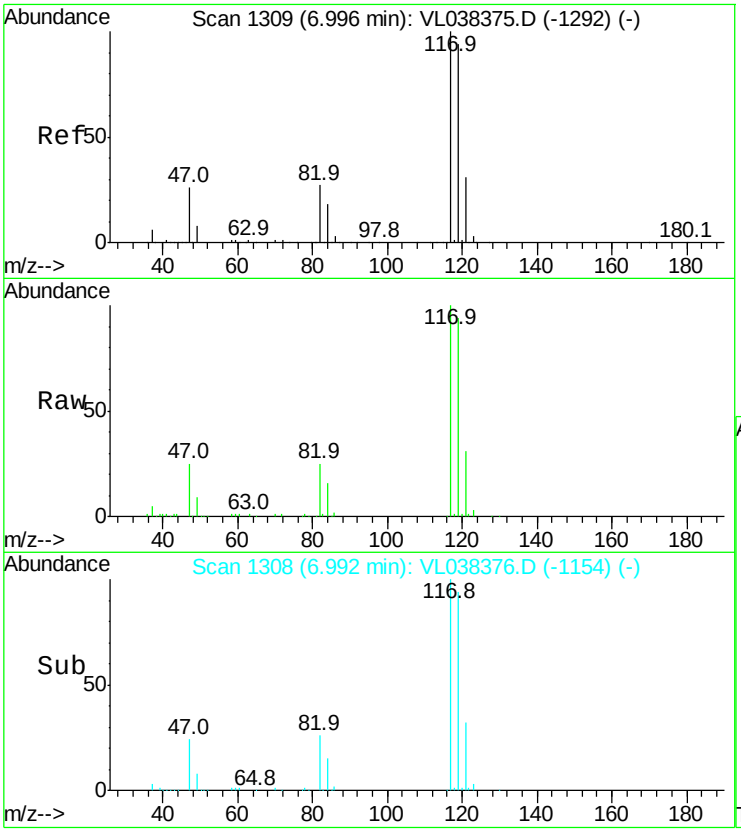




#34
2-Butanone
Concen: 1.99 ppbv
RT: 5.23 min Scan# 759
Delta R.T. 0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 43 Resp: 159835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.1 | 17.4 | 26.2 |



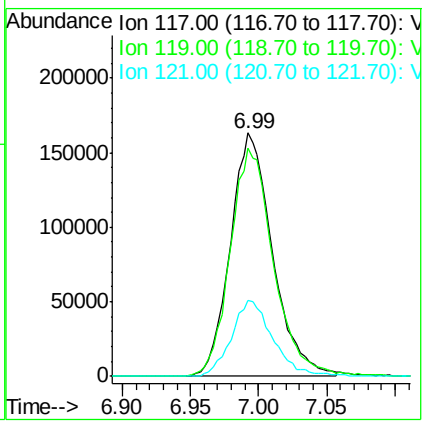


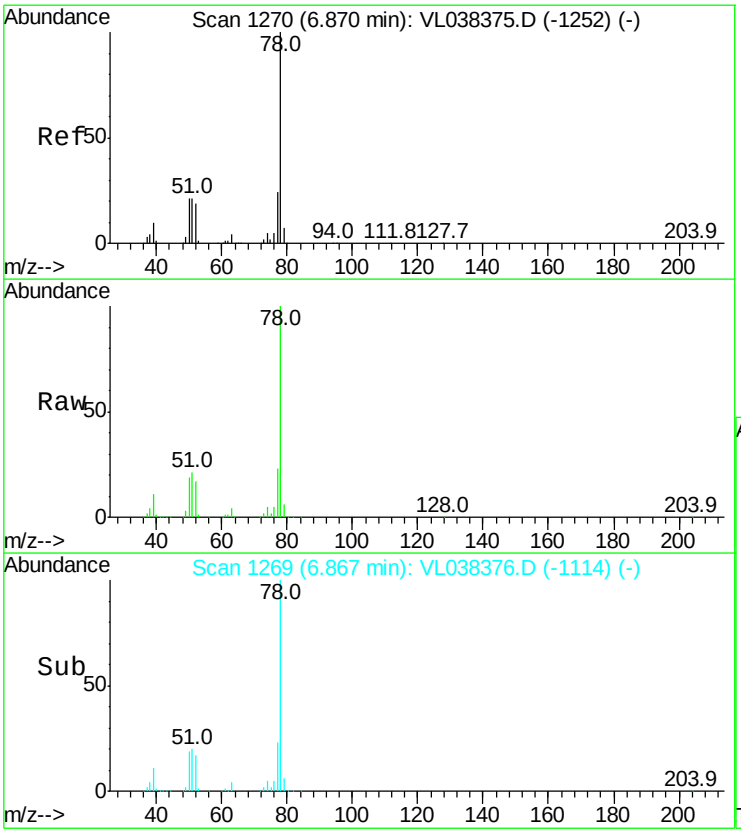

#35
Carbon Tetrachloride
Concen: 2.05 ppbv
RT: 6.99
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:117 Resp: 350123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.6 | 74.9 | 112.3 |
| 121 | 31.9 | 24.8 | 37.2 |

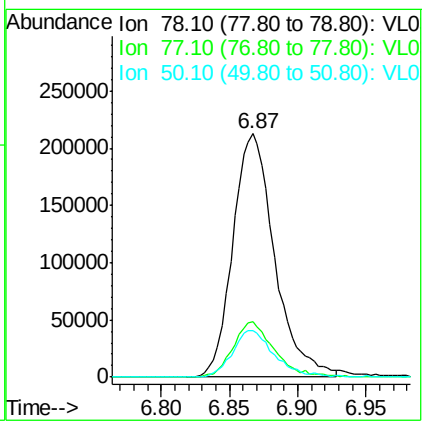


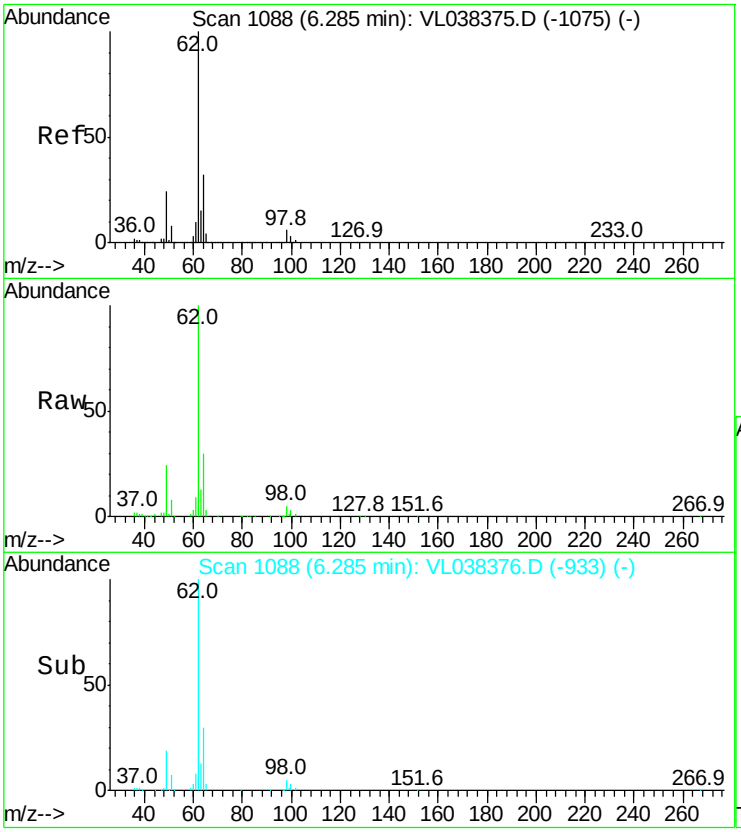




#36
Benzene
Concen: 2.10 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 78 Resp: 452410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.5 | 19.0 | 28.6 |
| 50 | 19.2 | 16.6 | 24.8 |



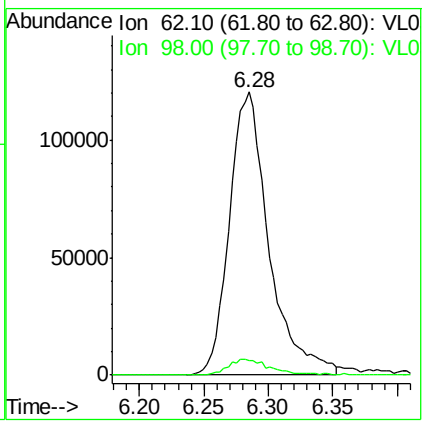


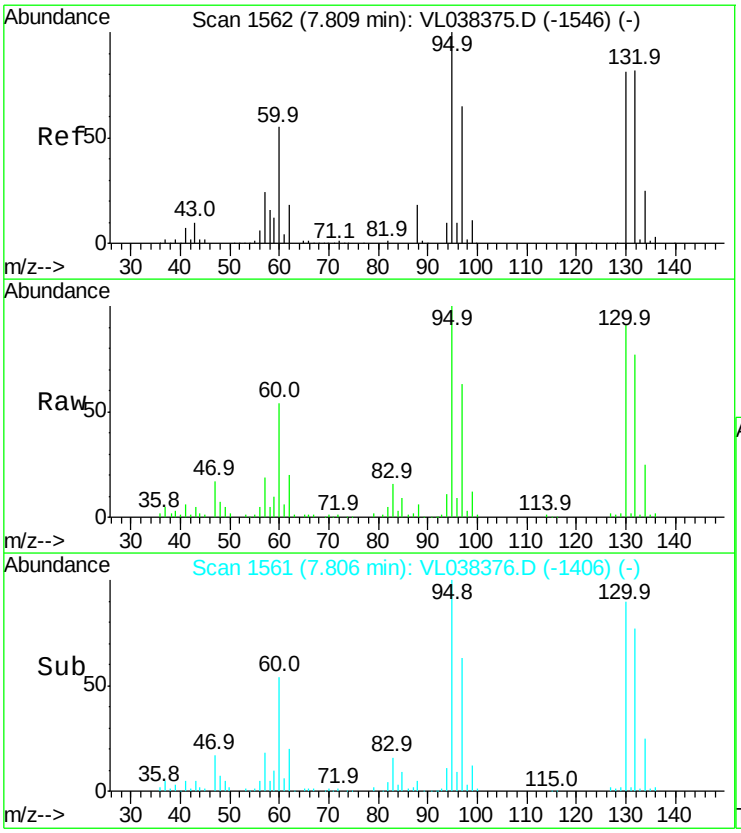

#37
1,2-Dichloroethane
Concen: 2.08 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 62 Resp: 256762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.3 | 4.6 | 7.0 |

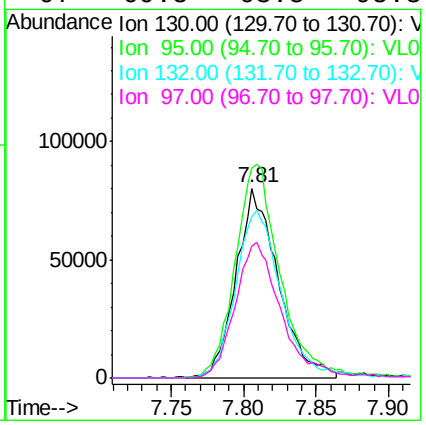


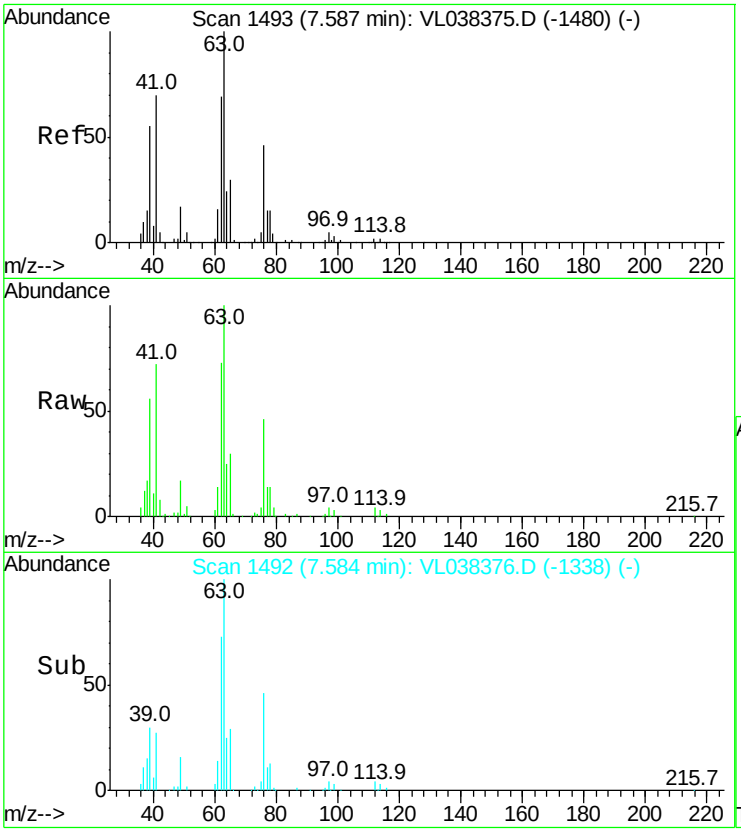




#38
Trichloroethene
Concen: 2.02 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:130 Resp: 161737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 110.3 | 98.1 | 147.1 |
| 132 | 85.1 | 80.3 | 120.5 |
| 97 | 69.5 | 63.5 | 95.3 |



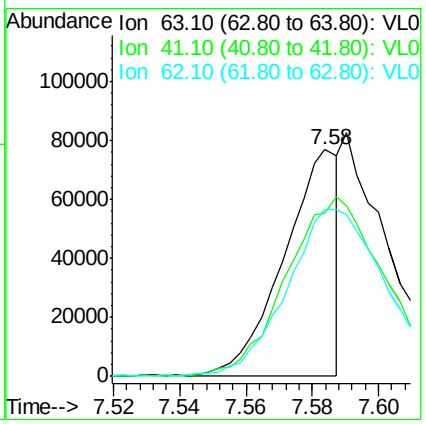


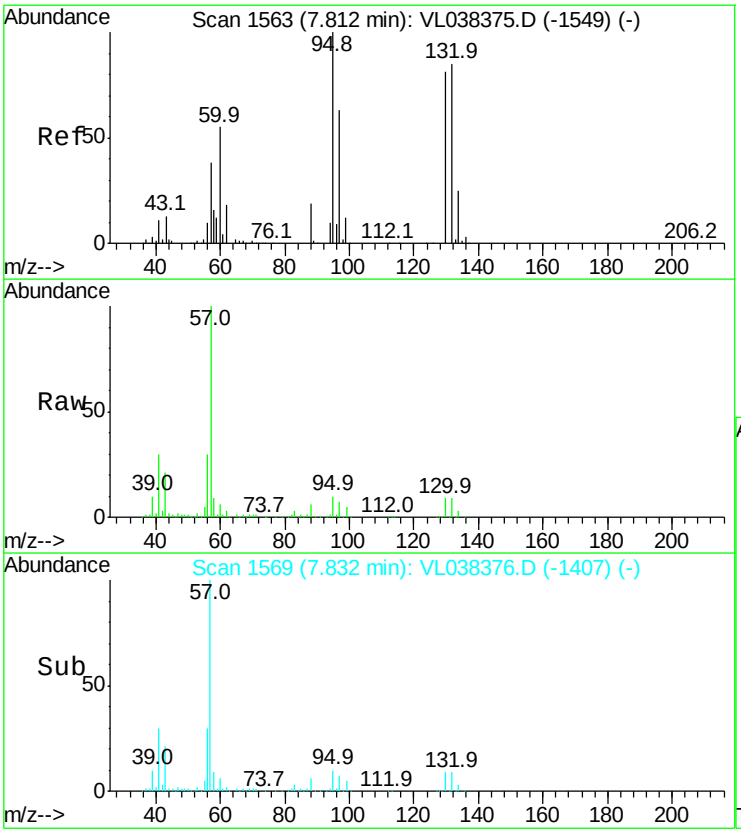

#39
1,2-Dichloropropane
Concen: 1.01 ppbv
RT: 7.58
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 63 Resp: 87679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 71.7 | 56.1 | 84.1 |
| 62 | 72.8 | 55.5 | 83.3 |

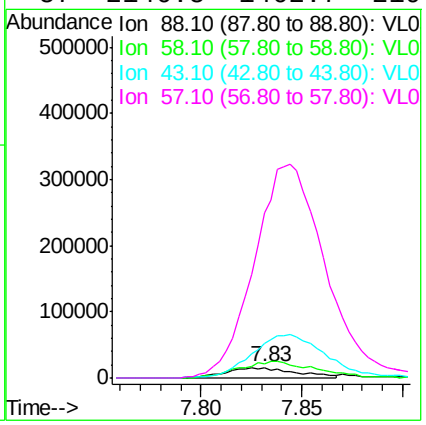


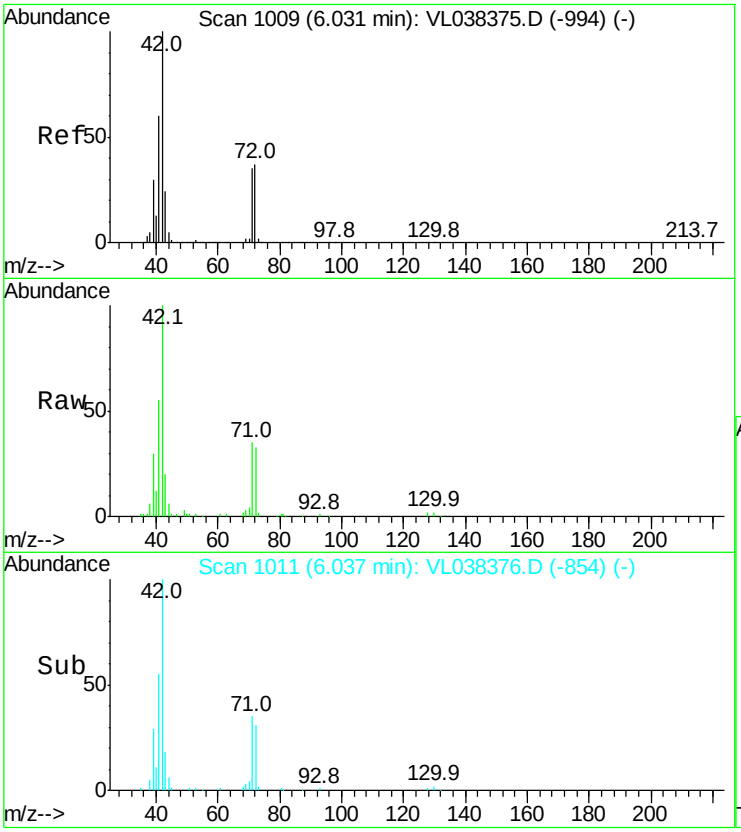




#40
1,4-Dioxane
Concen: 1.77 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 88 Resp: 37438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 189.9 | 133.2 | 199.8 |
| 43 | 467.6 | 330.6 | 496.0 |
| 57 | 2146.5 | 1462.7 | 2194.1 |



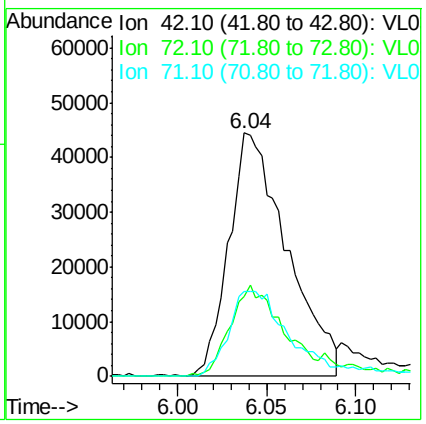


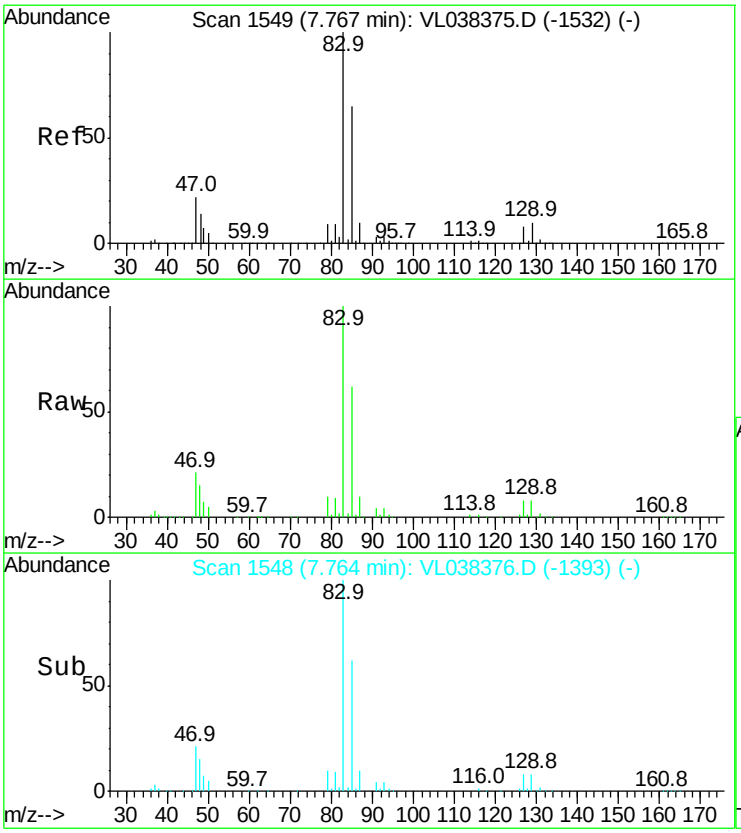

#41
Tetrahydrofuran
Concen: 1.88 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 42 Resp: 101071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.2 | 29.9 | 44.9 |
| 71 | 38.3 | 28.6 | 42.8 |

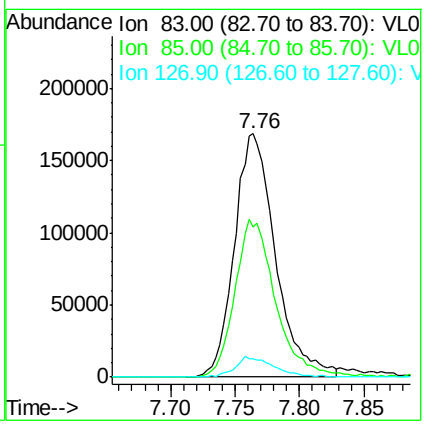


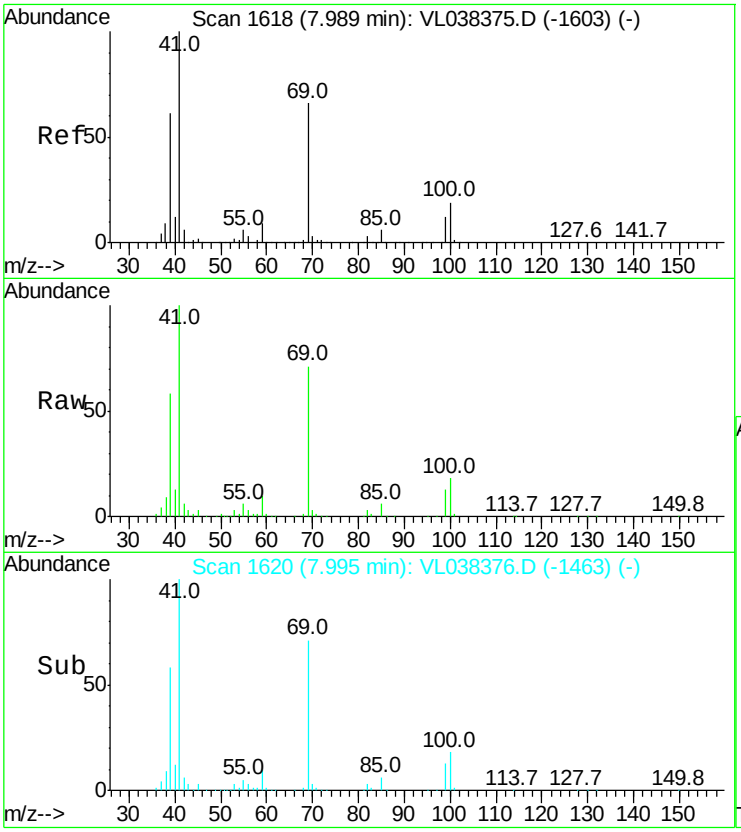




#42
Bromodichloromethane
Concen: 2.04 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 83 Resp: 374002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.9 | 52.2 | 78.4 |
| 127 | 7.7 | 6.2 | 9.4 |



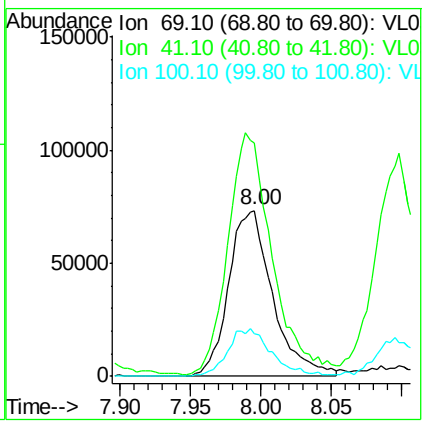


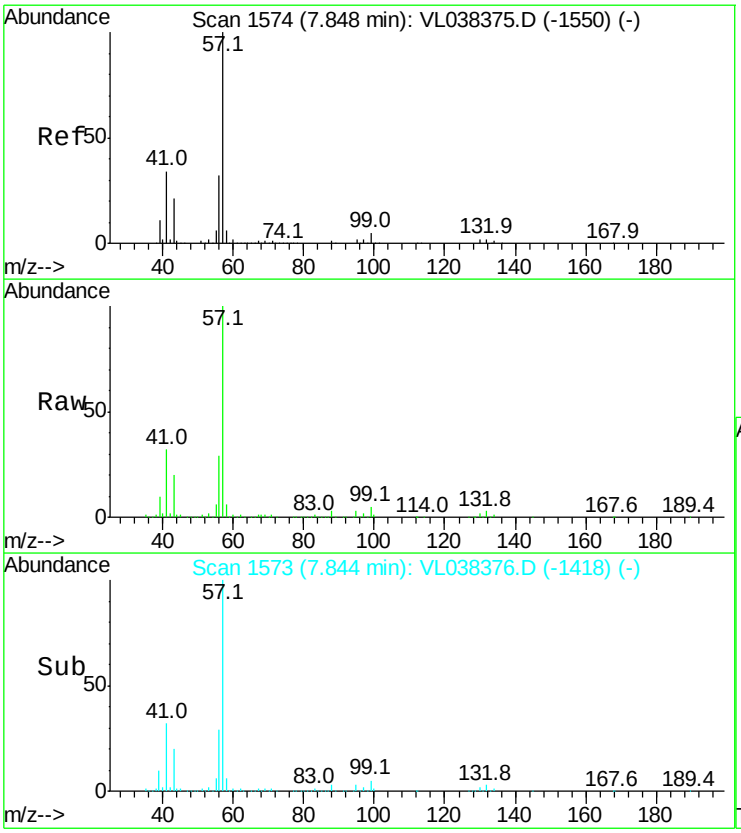

#43
Methyl Methacrylate
Concen: 2.07 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 69 Resp: 157982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 150.5 | 122.9 | 184.3 |
| 100 | 28.9 | 23.6 | 35.4 |

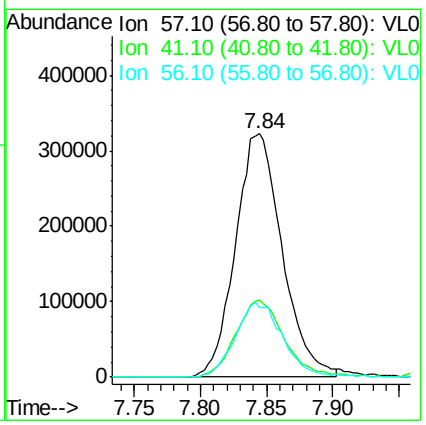


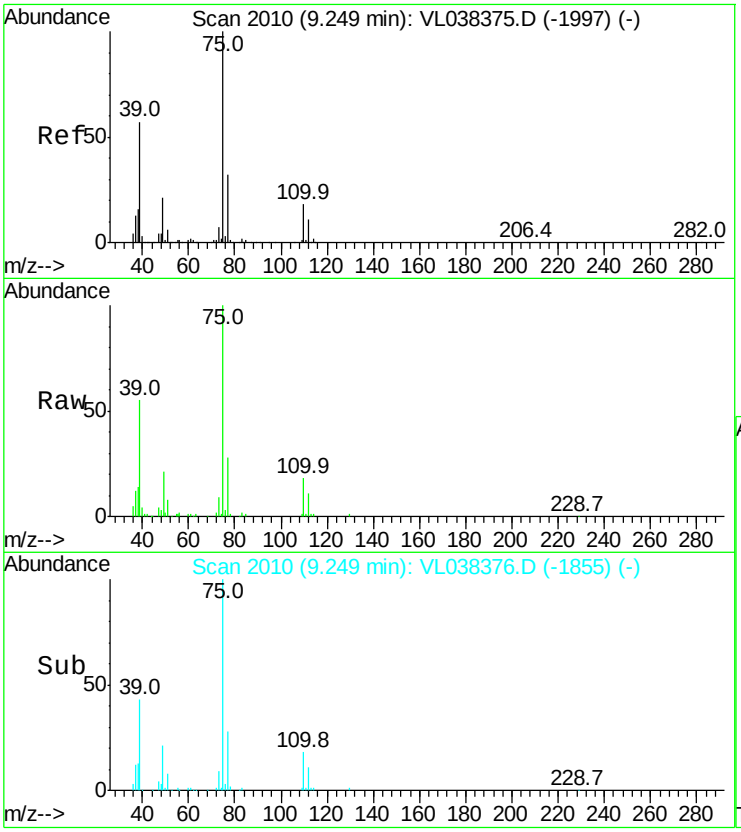




#44
2,2,4-Trimethylpentane
Concen: 2.08 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 57 Resp: 790307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 33.2 | 26.6 | 39.8 |
| 56 | 31.2 | 25.0 | 37.6 |



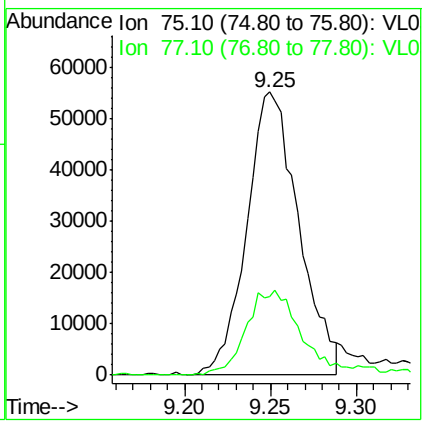


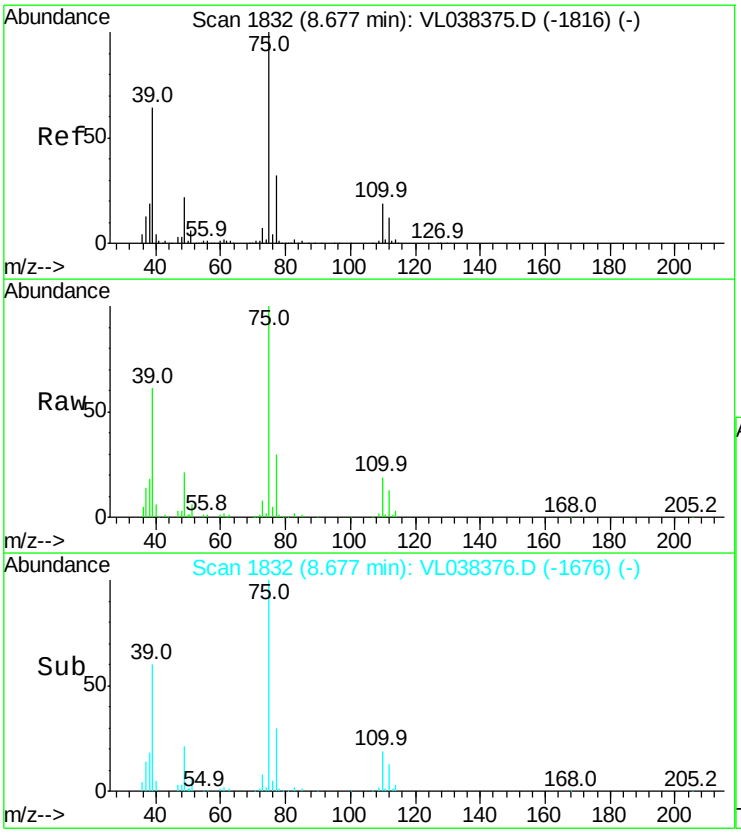

#45
t-1,3-Dichloropropene
Concen: 1.88 ppbv
RT: 9.25
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 75 Resp: 115697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.9 | 25.4 | 38.0 |

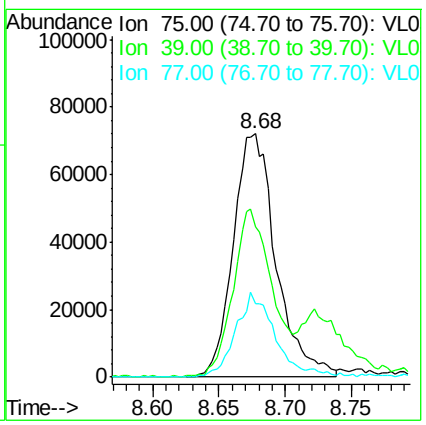


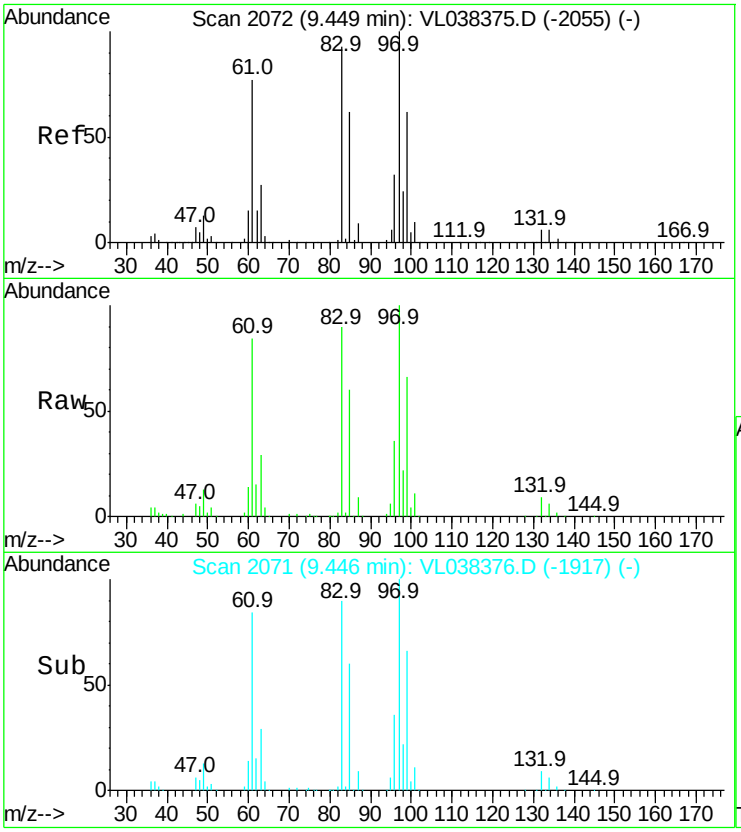




#46
cis-1,3-Dichloropropene
Concen: 1.97 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 75 Resp: 161859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 61.0 | 51.4 | 77.2 |
| 77 | 30.0 | 25.4 | 38.2 |



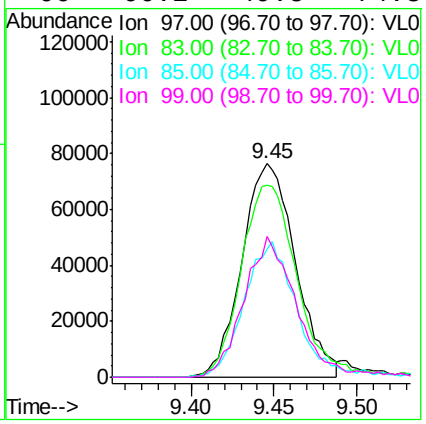


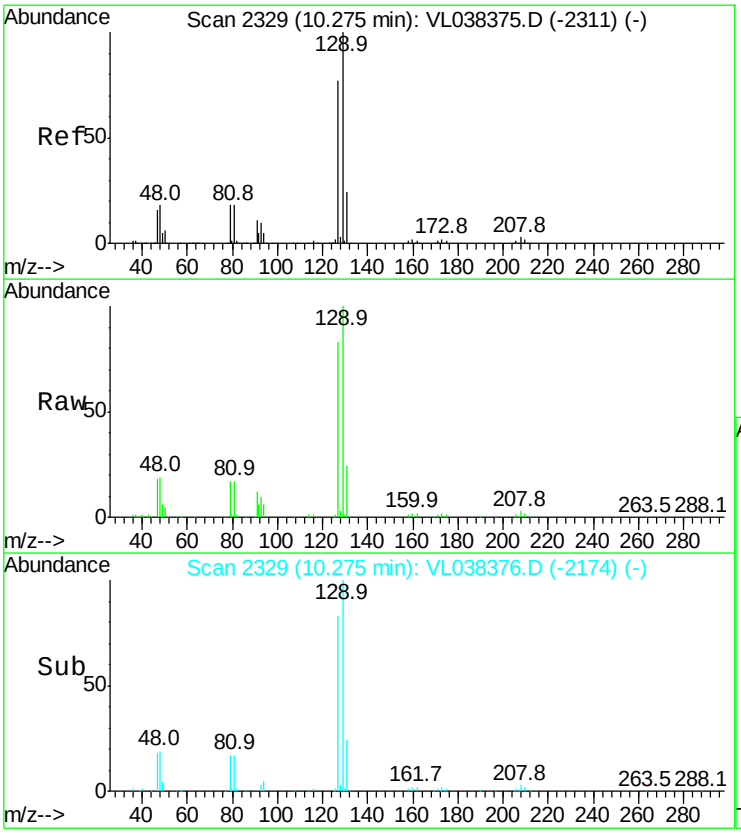

#47
1,1,2-Trichloroethane
Concen: 1.99 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 97 Resp: 171343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.7 | 74.2 | 111.4 |
| 85 | 59.8 | 49.8 | 74.8 |
| 99 | 66.2 | 49.5 | 74.3 |

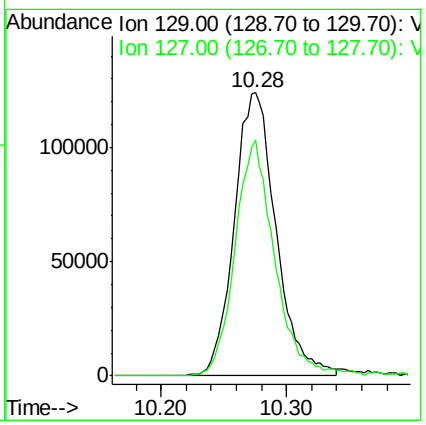


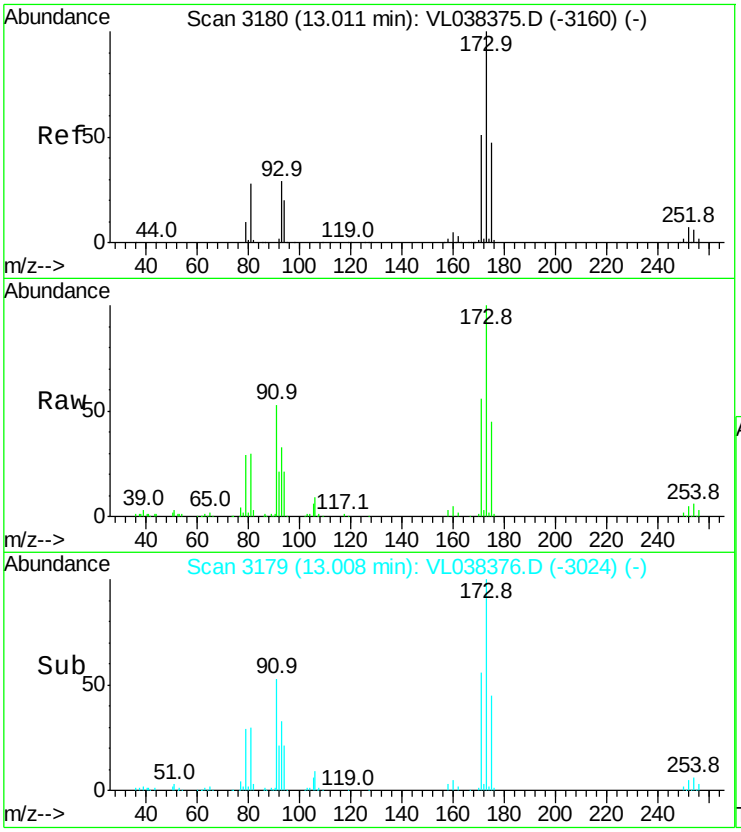




#48
Dibromochloromethane
Concen: 1.98 ppbv
RT: 10.28 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:129 Resp: 287057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 80.0 | 39.4 | 118.1 |



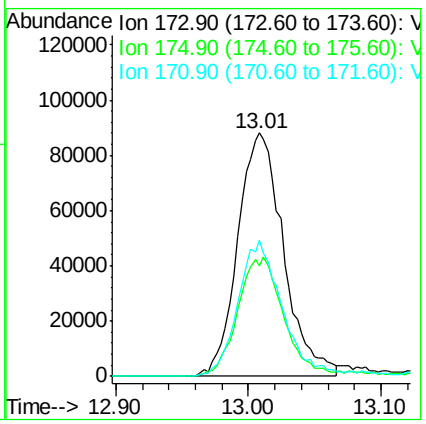


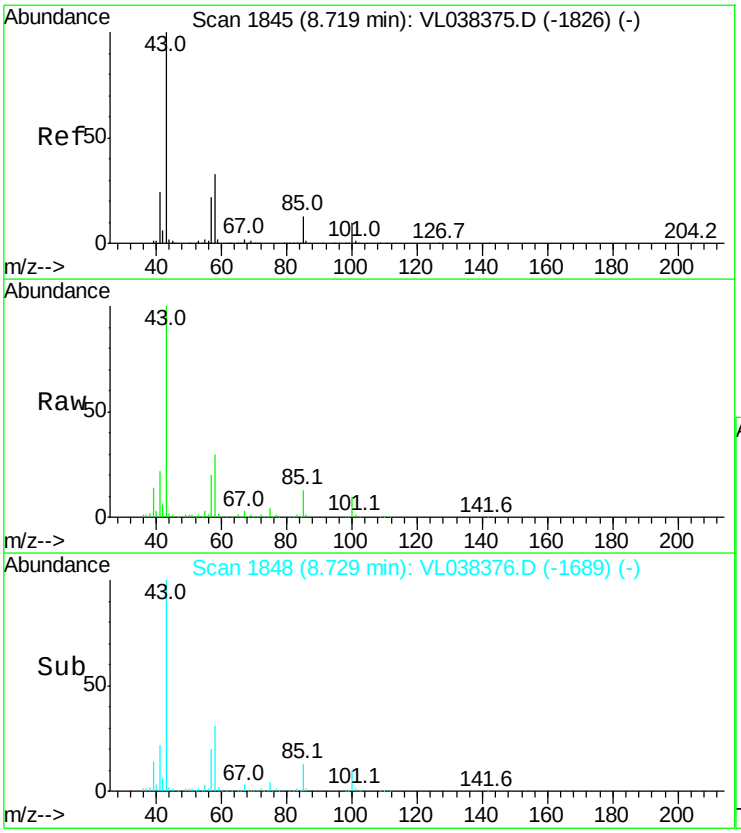

#49
Bromoform
Concen: 1.99 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:173 Resp: 211394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.0 | 40.2 | 60.2 |
| 171 | 55.9 | 42.7 | 64.1 |

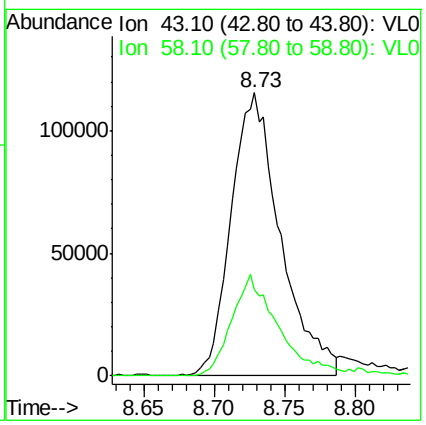


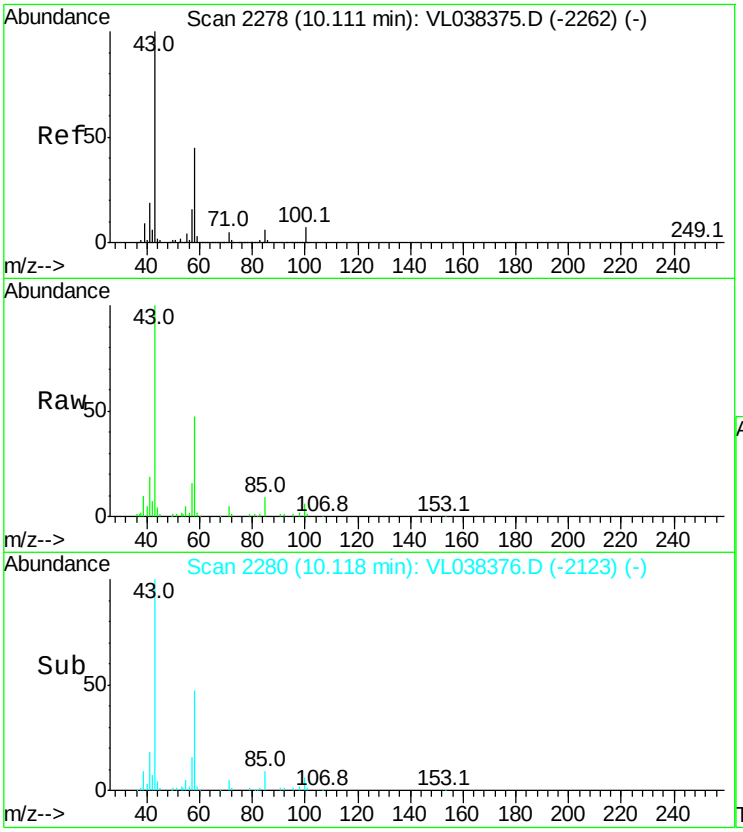




#50
4-Methyl-2-Pentanone
Concen: 1.97 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. 0.01 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 43 Resp: 281368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.0 | 27.7 | 41.5 |



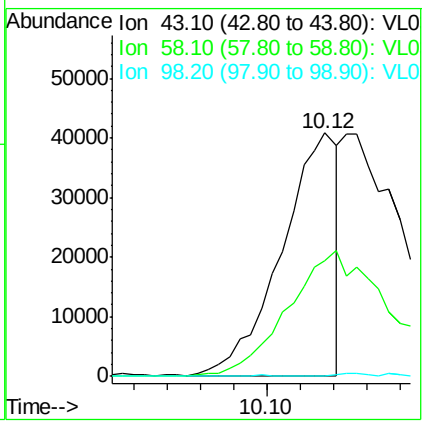


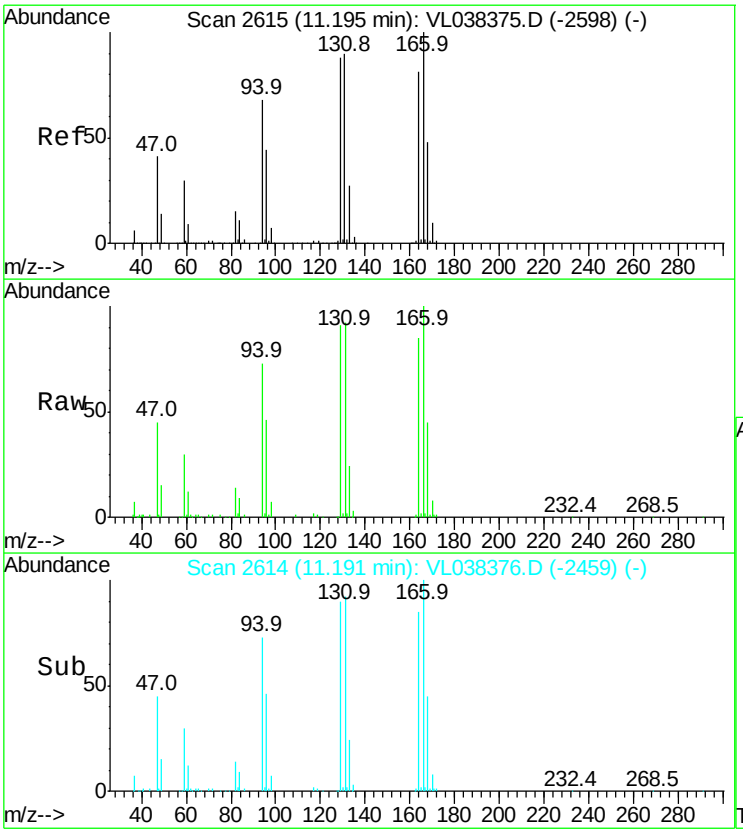

#51
2-Hexanone
Concen: 0.77 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 43 Resp: 48305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 115.1 | 37.4 | 56.0# |
| 98 | 0.1 | 0.1 | 0.1 |

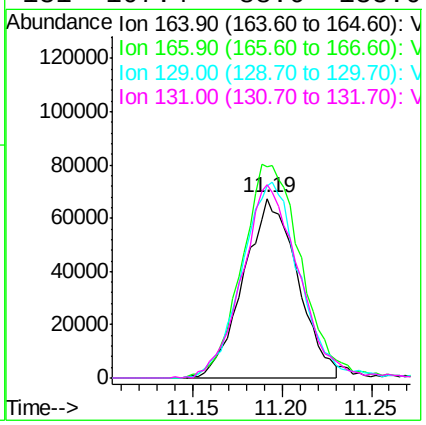


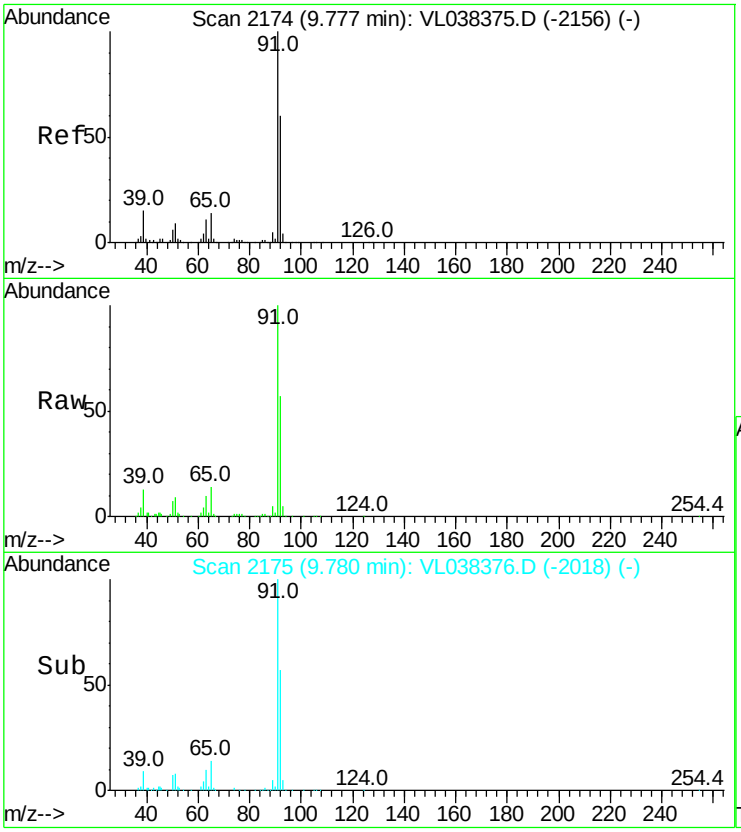




#52
Tetrachloroethene
Concen: 1.93 ppbv
RT: 11.19 min Scan# 2614
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:164 Resp: 142906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 116.9 | 98.6 | 148.0 |
| 129 | 106.4 | 86.9 | 130.3 |
| 131 | 107.4 | 88.6 | 133.0 |



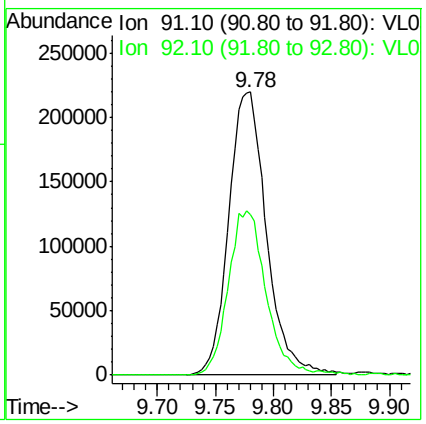


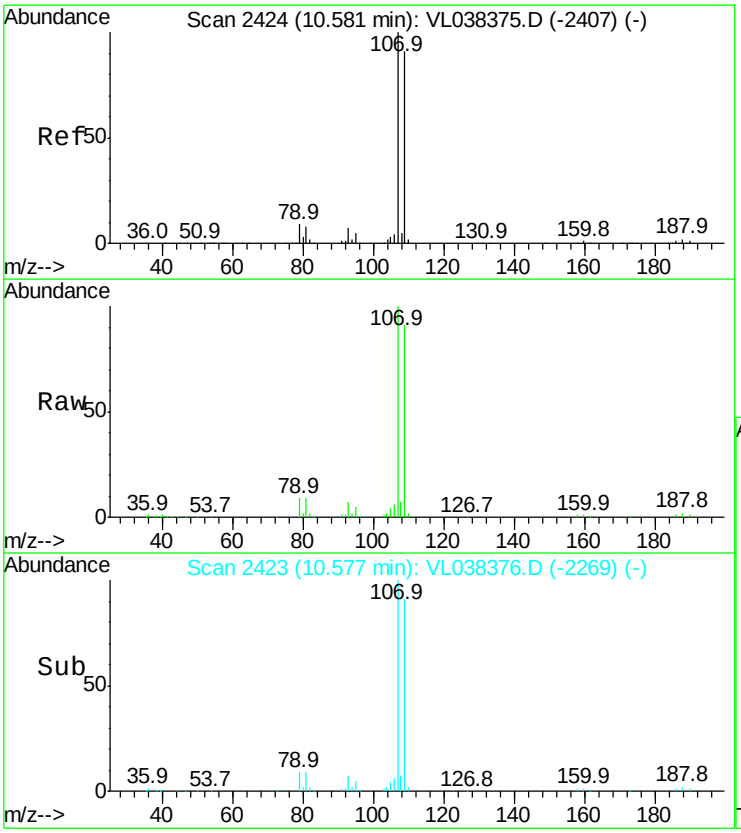

#53
Toluene
Concen: 2.09 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 91 Resp: 496341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.1 | 48.2 | 72.4 |

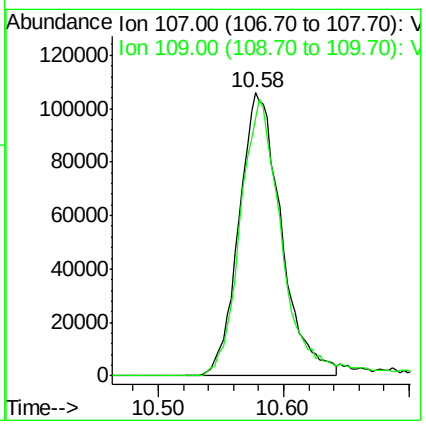


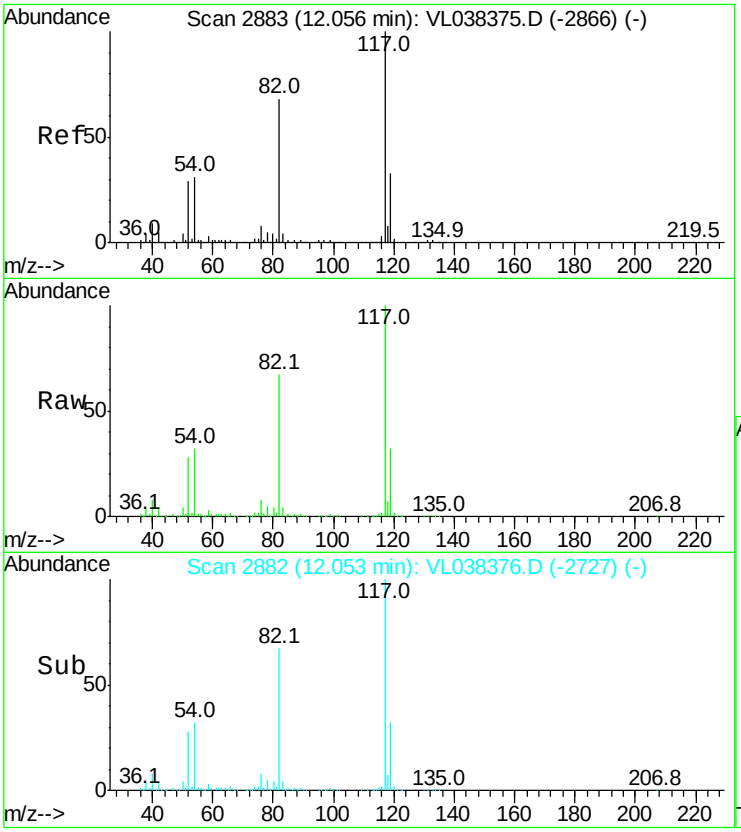




#54
1,2-Dibromoethane
Concen: 2.03 ppbv
RT: 10.58 min Scan# 2423
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:107 Resp: 248381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 91.2 | 73.0 | 109.6 |



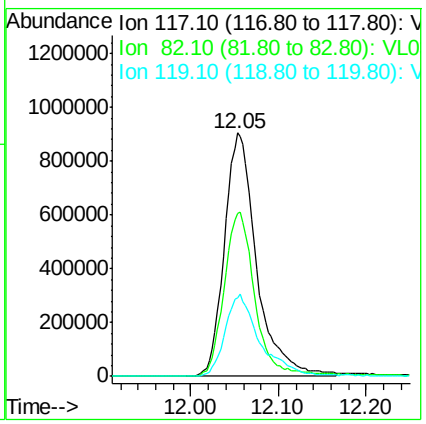


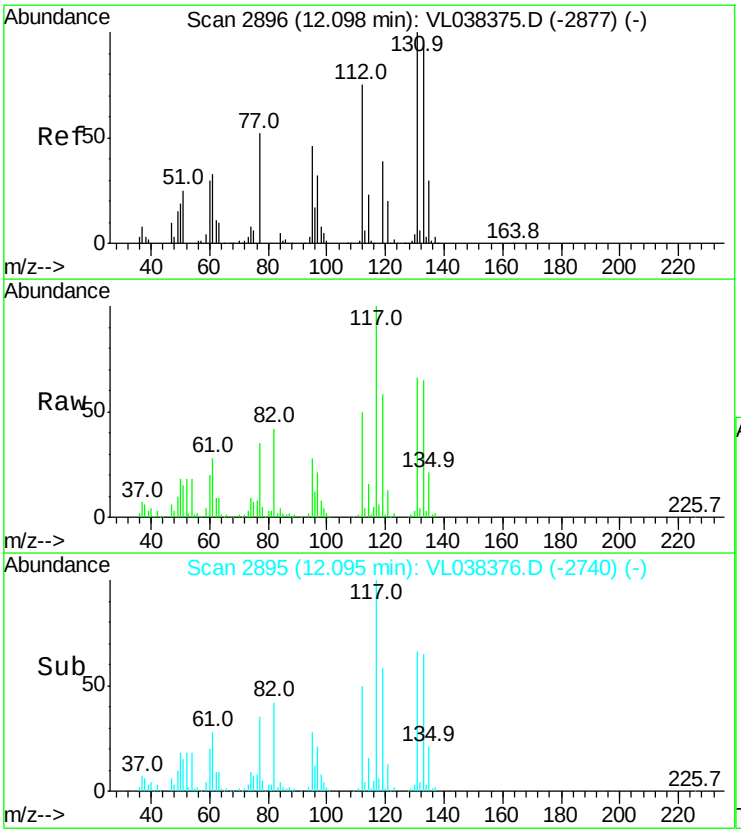

#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:117 Resp: 2315713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 66.1 | 54.9 | 82.3 |
| 119 | 36.8 | 46.1 | 69.1# |

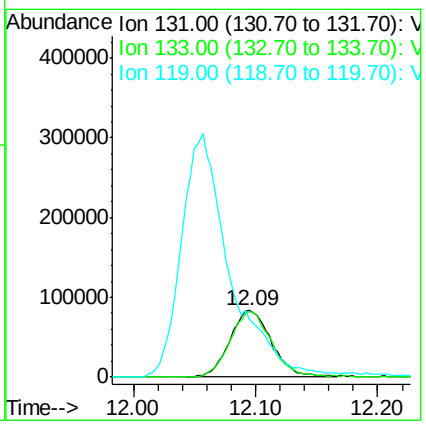


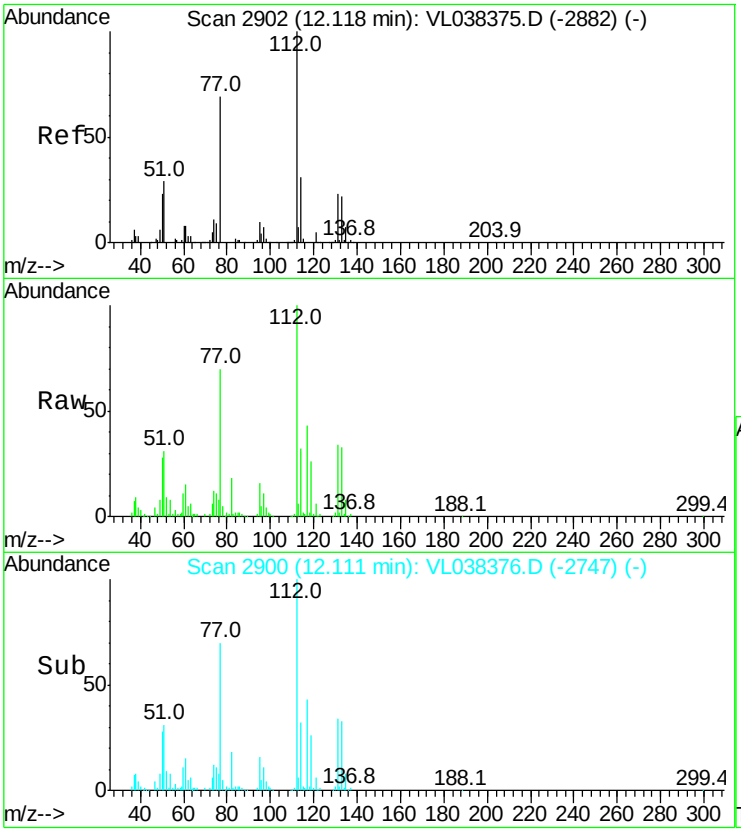




#56
1,1,1,2-Tetrachloroethane
Concen: 1.94 ppbv
RT: 12.09 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:131 Resp: 196967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 99.9 | 77.3 | 115.9 |
| 119 | 431.4 | 48.6 | 73.0# |



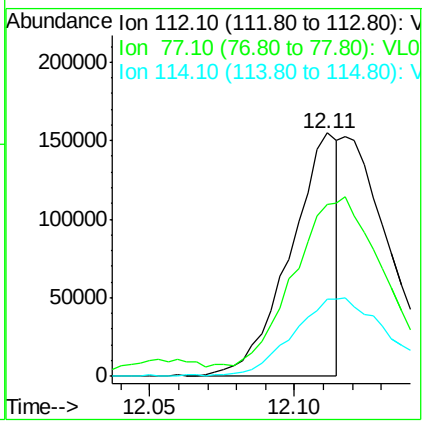


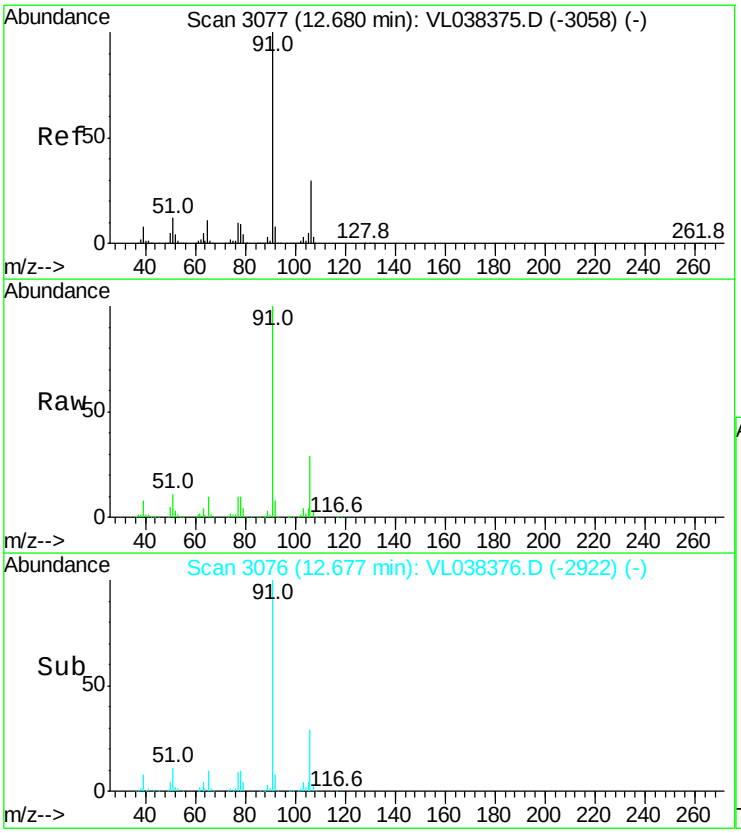

#57
Chlorobenzene
Concen: 0.95 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:112 Resp: 175396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 64.8 | 55.2 | 82.8 |
| 114 | 31.3 | 27.9 | 34.1 |

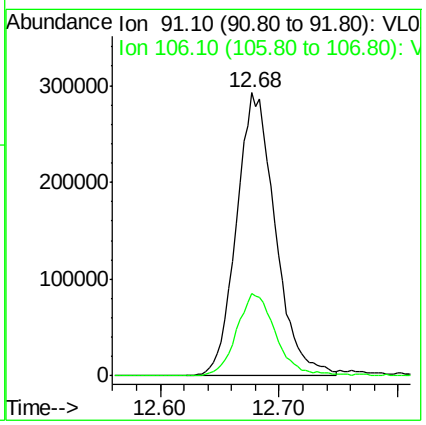


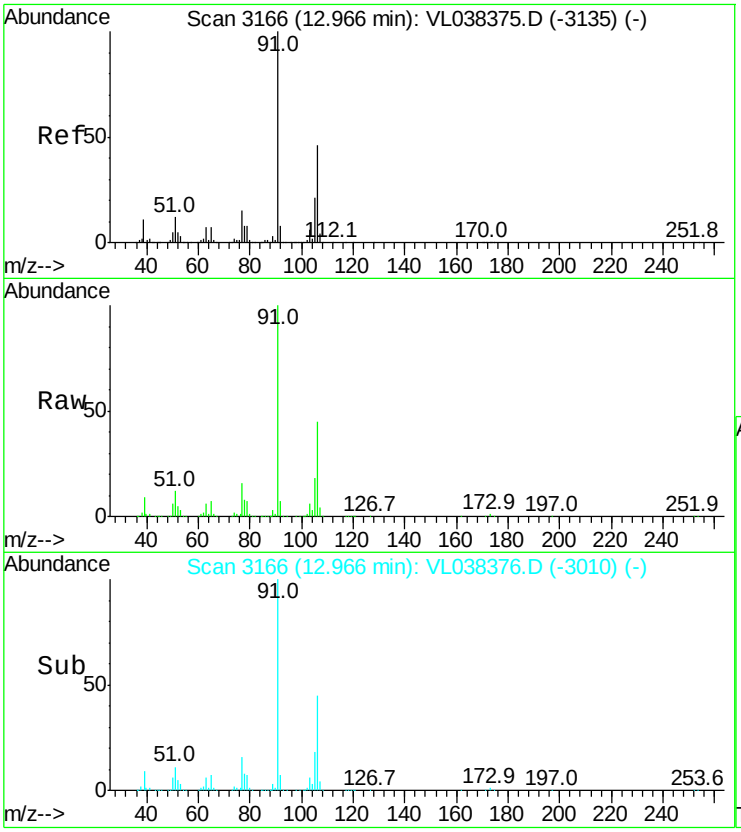




#58
Ethyl Benzene
Concen: 1.95 ppbv
RT: 12.68 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 91 Resp: 661922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.1 | 24.0 | 36.0 |



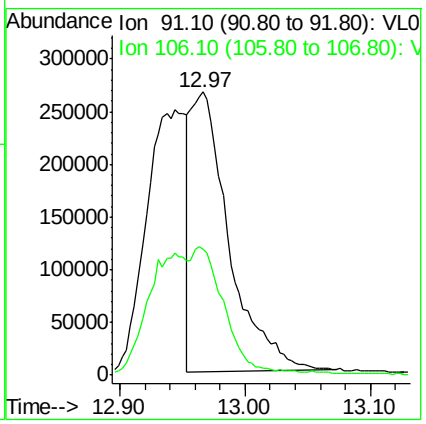


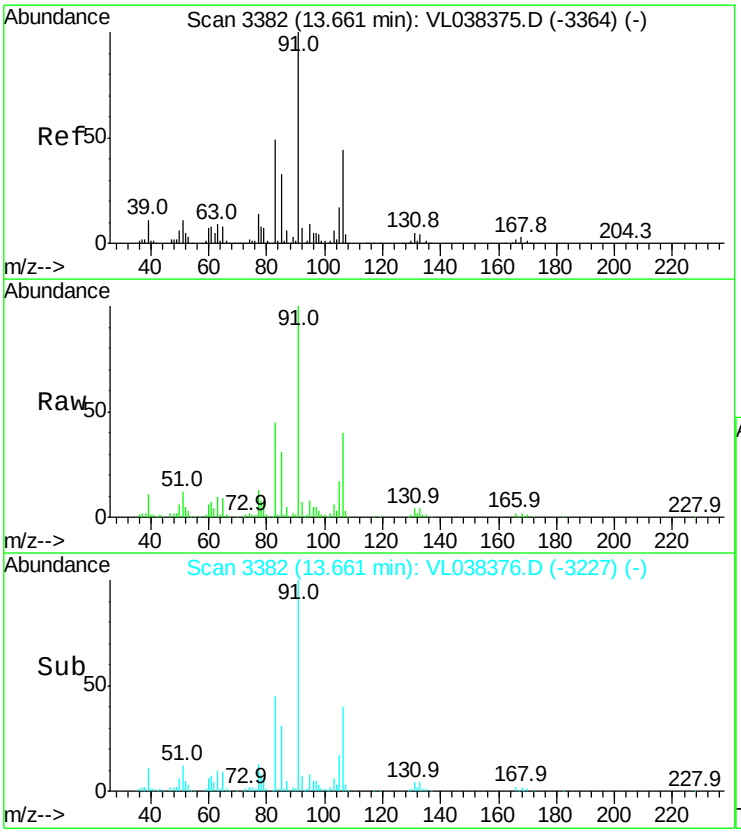

#59
m/p-Xylene
Concen: 1.95 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 91 Resp: 565659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 86.4 | 34.4 | 51.6# |

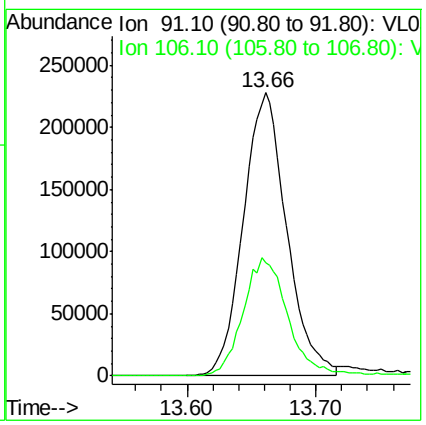


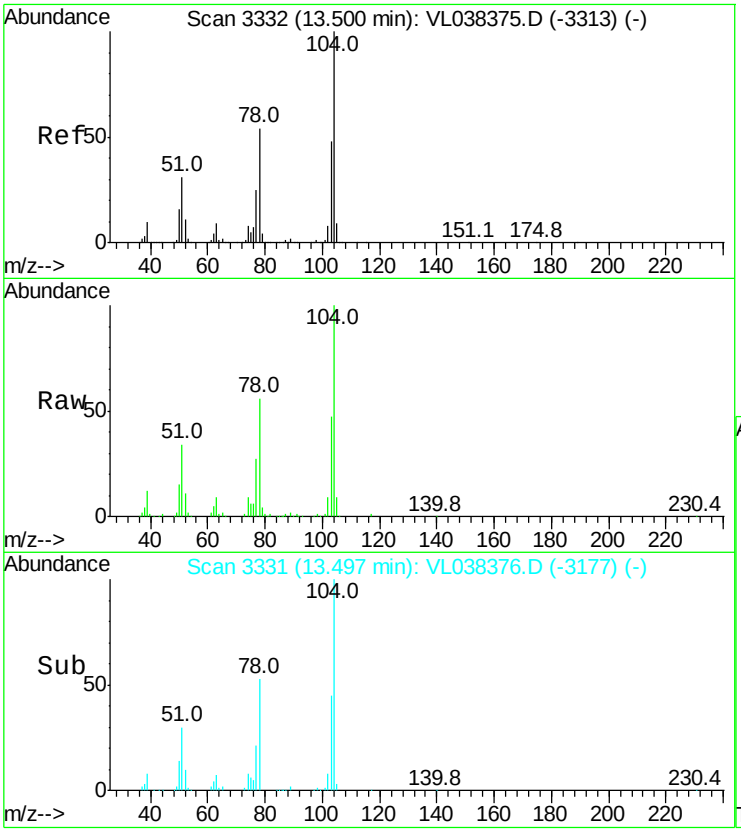




#60
o-Xylene
Concen: 1.97 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 91 Resp: 532766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 43.6 | 21.9 | 65.5 |



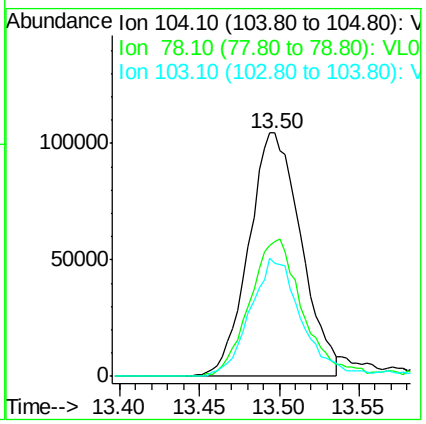


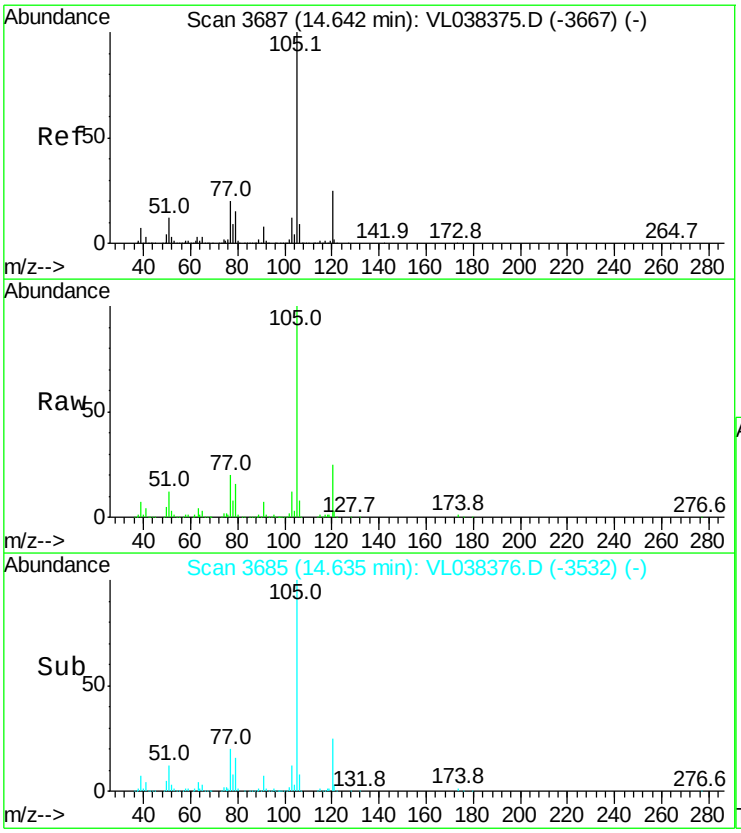

#61
Styrene
Concen: 1.87 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:104 Resp: 235805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 57.8 | 44.2 | 66.4 |
| 103 | 48.9 | 38.4 | 57.6 |

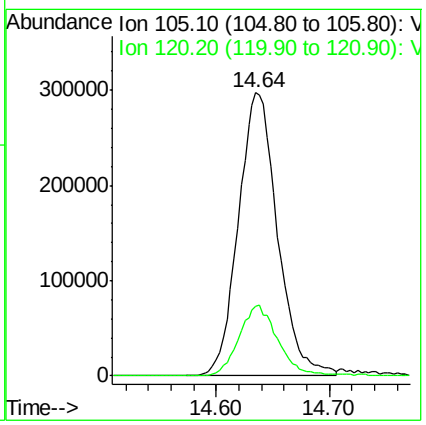


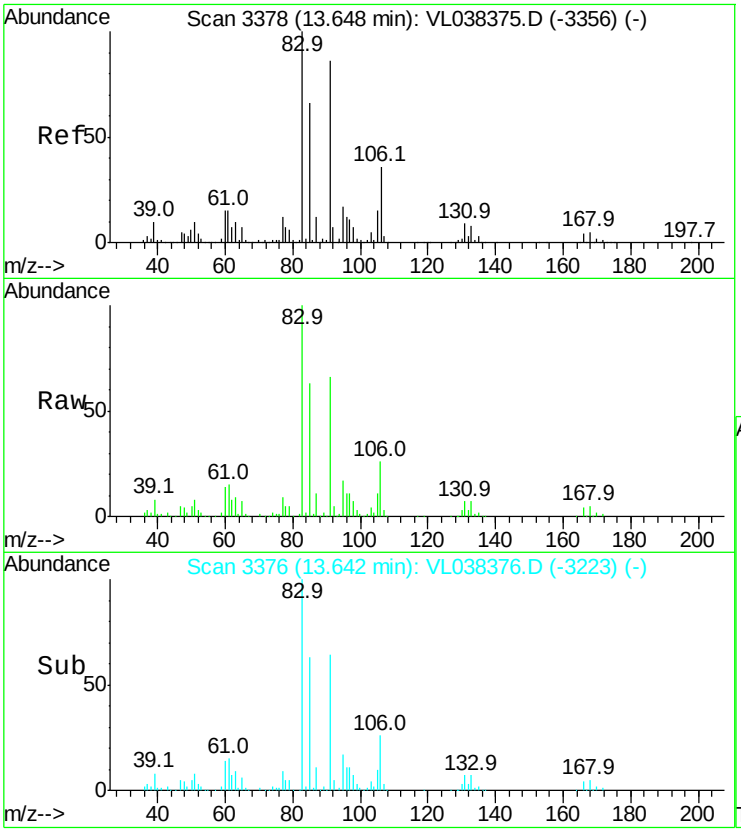




#62
Isopropylbenzene
Concen: 1.98 ppbv
RT: 14.64 min Scan# 3685
Delta R.T. -0.01 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:105 Resp: 716465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.2 | 20.6 | 30.8 |



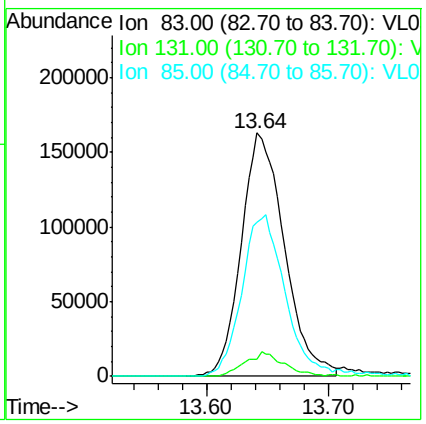


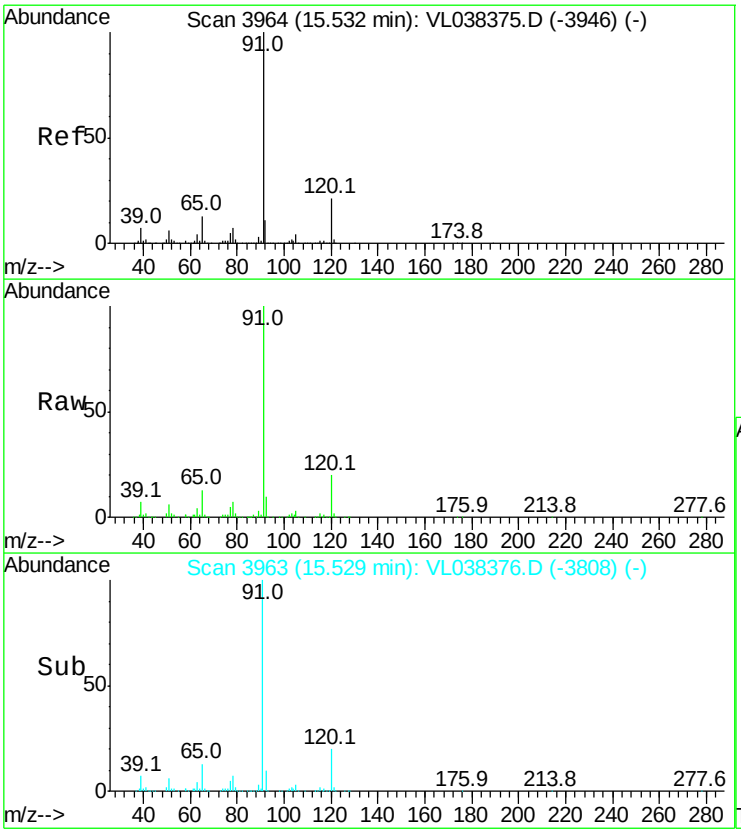

#63
1,1,2,2-Tetrachloroethane
Concen: 1.96 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 83 Resp: 397221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 4.5 | 13.7 |
| 85 | 68.8 | 33.0 | 99.0 |

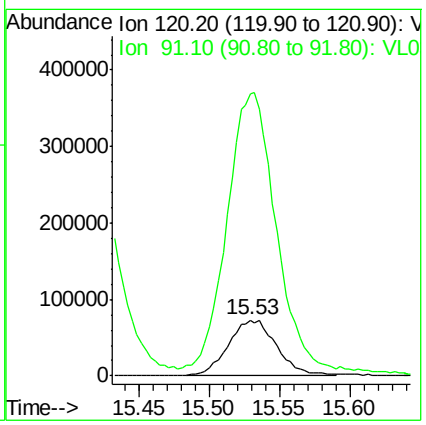


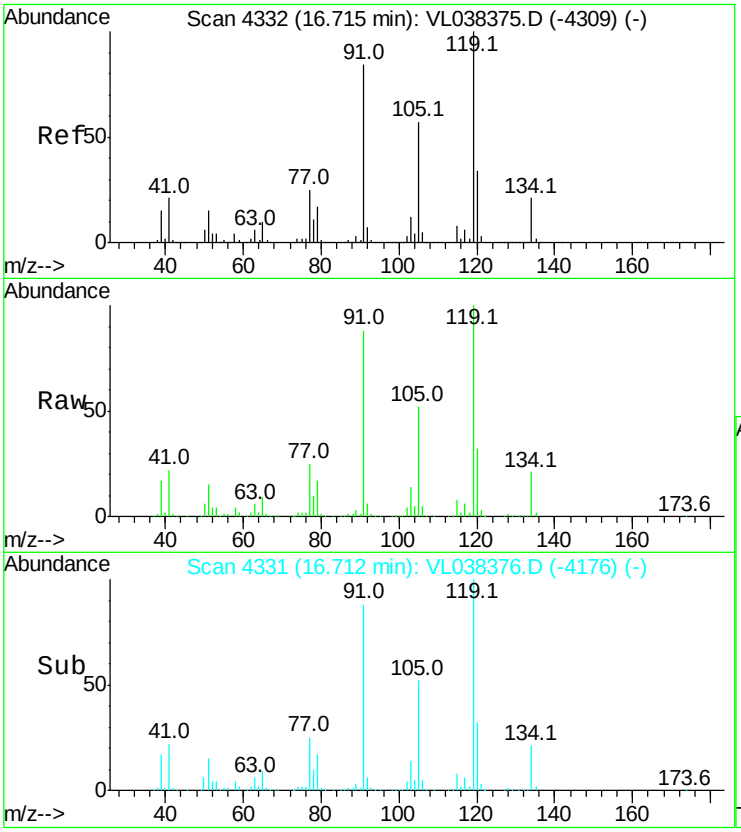




#64
n-propylbenzene
Concen: 1.97 ppbv
RT: 15.53 min Scan# 3963
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:120 Resp: 172438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 541.3 | 388.1 | 582.1 |



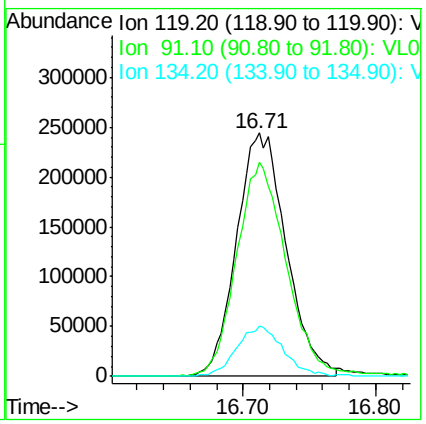


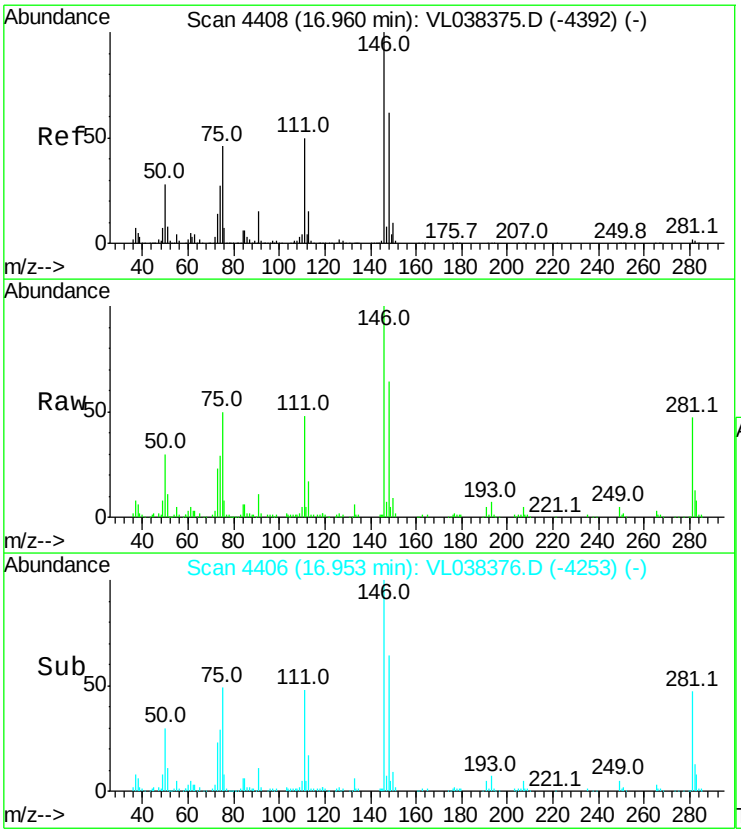

#65
tert-Butylbenzene
Concen: 2.11 ppbv
RT: 16.71
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:119 Resp: 635845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 88.6 | 68.0 | 102.0 |
| 134 | 19.6 | 15.8 | 23.8 |

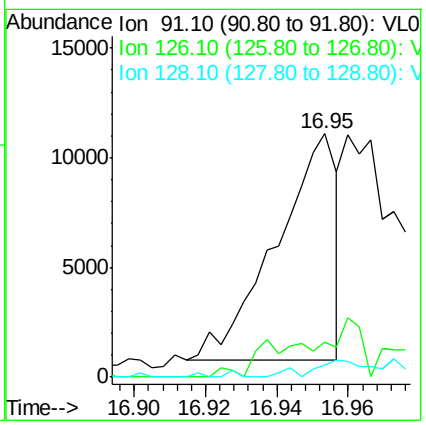


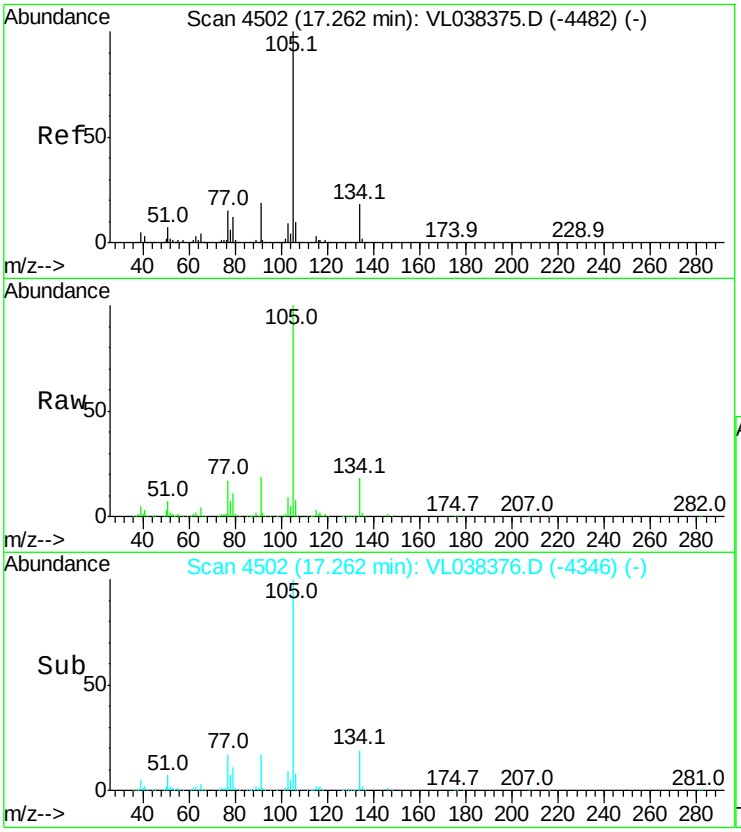




#66
Benzyl Chloride
Concen: 0.86 ppbv
RT: 16.95 min Scan# 4406
Delta R.T. -0.01 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 91 Resp: 12101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 26.7 | 12.3 | 18.5# |
| 128 | 1.1 | 4.2 | 6.4# |



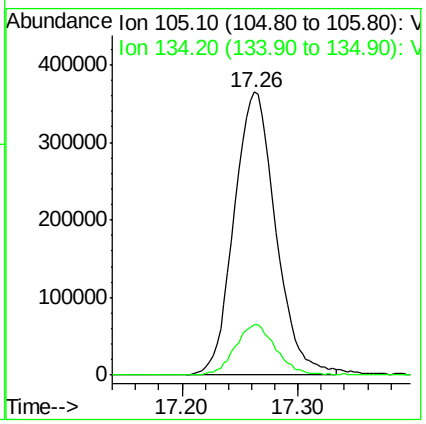


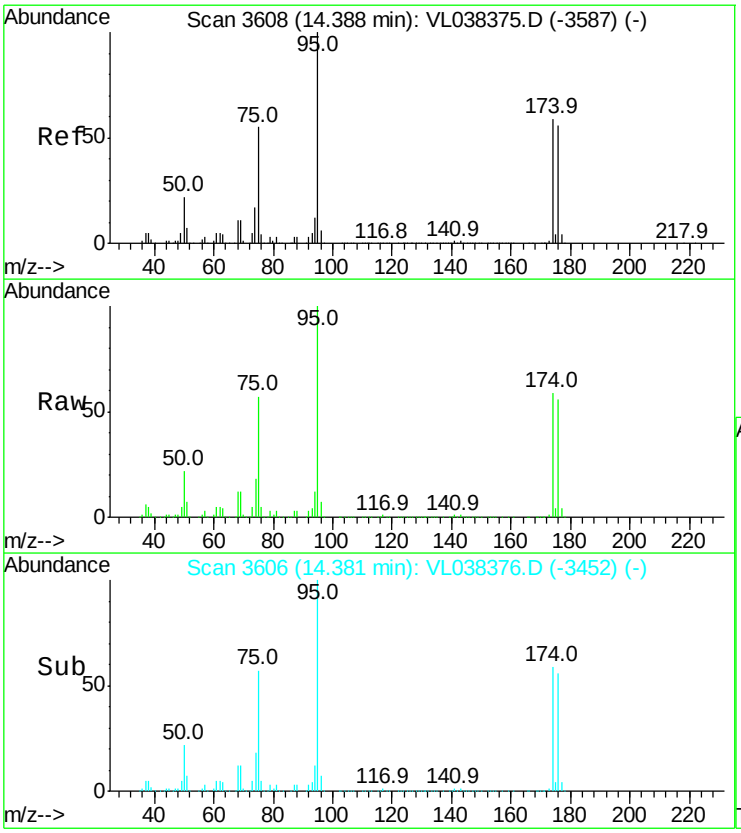

#67
sec-Butylbenzene
Concen: 2.16 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:105 Resp: 906656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.9 | 14.6 | 21.8 |

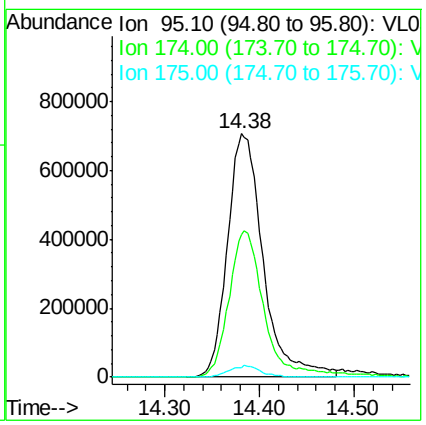


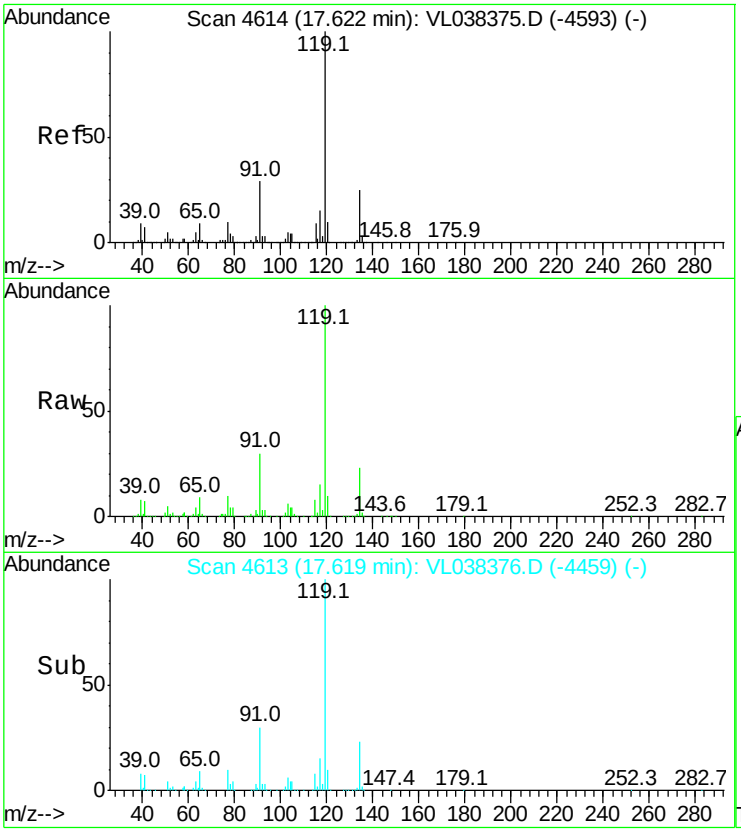




#68
1-Bromo-4-Fluorobenzene
Concen: 10.45 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.01 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 95 Resp: 1851162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 60.4 | 49.0 | 73.4 |
| 175 | 4.3 | 3.6 | 5.4 |



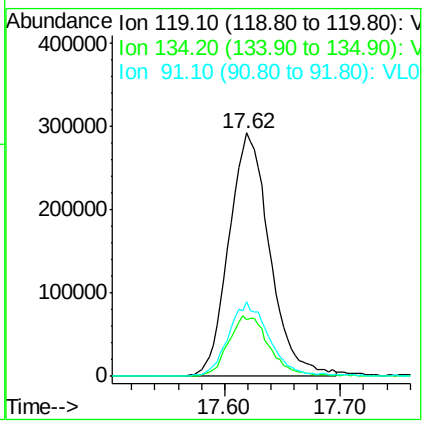


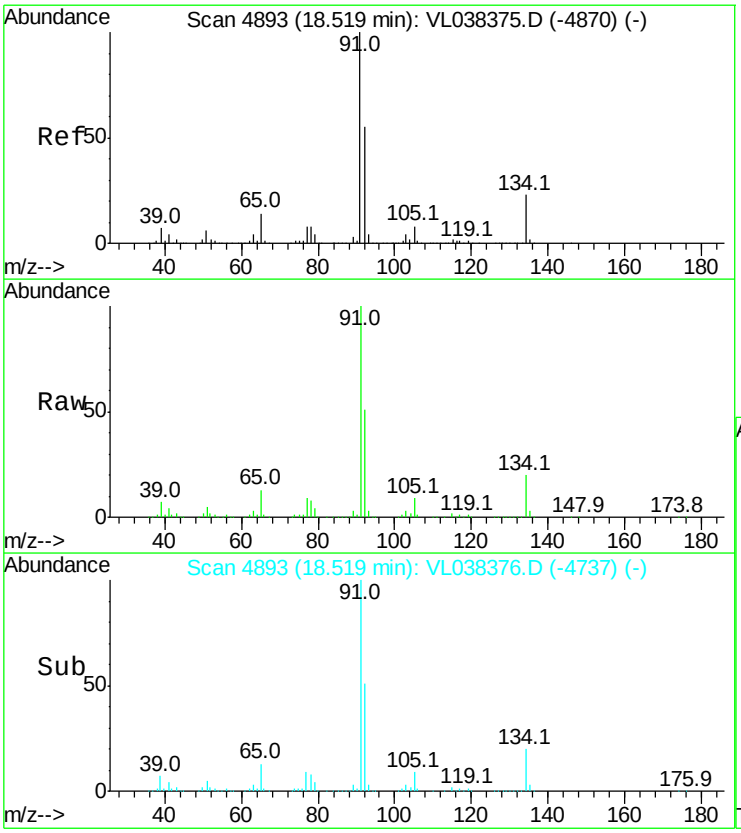

#69
p-Isopropyltoluene
Concen: 2.19 ppbv
RT: 17.62
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:119 Resp: 711593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.1 | 20.4 | 30.6 |
| 91 | 31.0 | 23.8 | 35.8 |

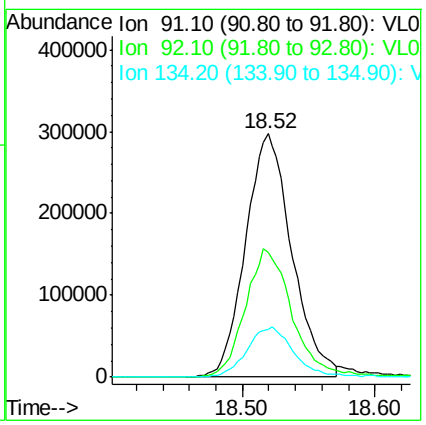


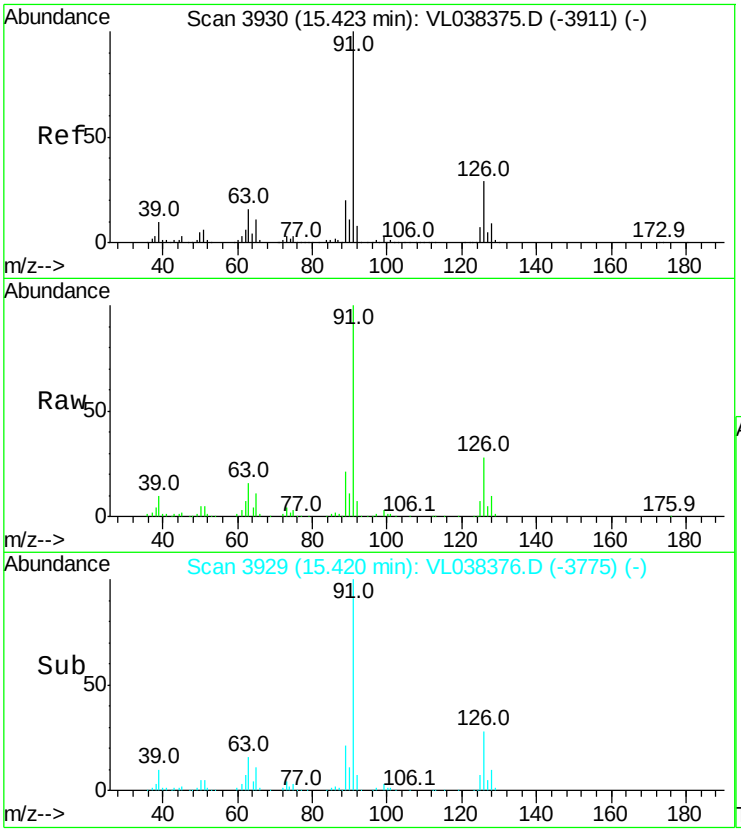




#70
n-Butylbenzene
Concen: 2.23 ppbv
RT: 18.52 min Scan# 4893
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion: 91 Resp: 719887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.2 | 43.1 | 64.7 |
| 134 | 21.2 | 17.4 | 26.0 |



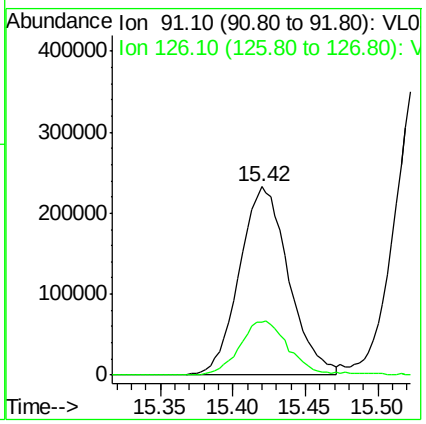


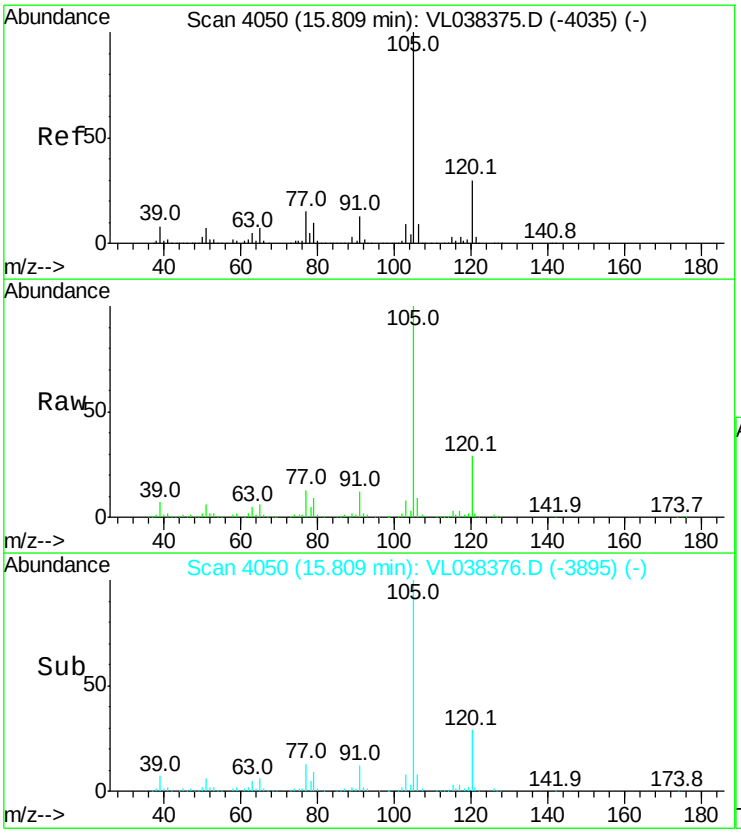

#71
2-Chlorotoluene
Concen: 2.03 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion: 91 Resp: 547904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.6 | 11.9 | 47.7 |

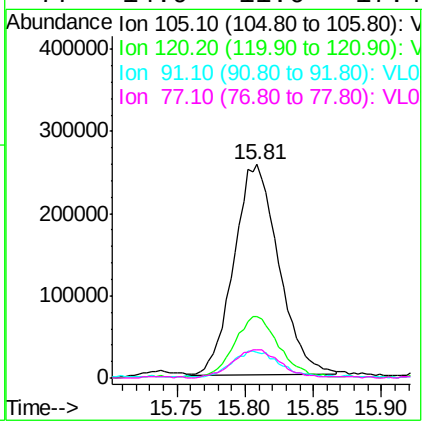


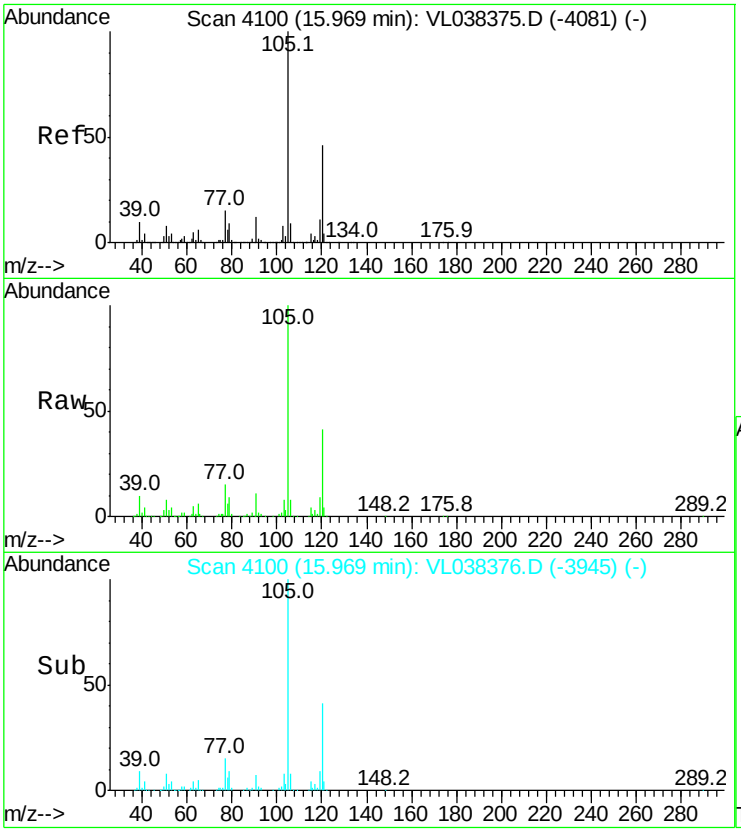




#72
4-Ethyltoluene
Concen: 2.04 ppbv
RT: 15.81 min Scan# 4050
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:105 Resp: 587299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 30.0 | 23.4 | 35.2 |
| 91 | 14.1 | 10.4 | 15.6 |
| 77 | 14.9 | 11.6 | 17.4 |



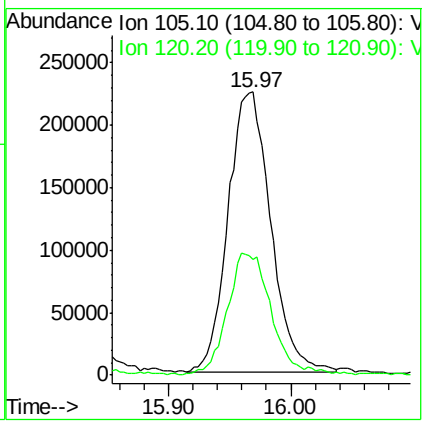


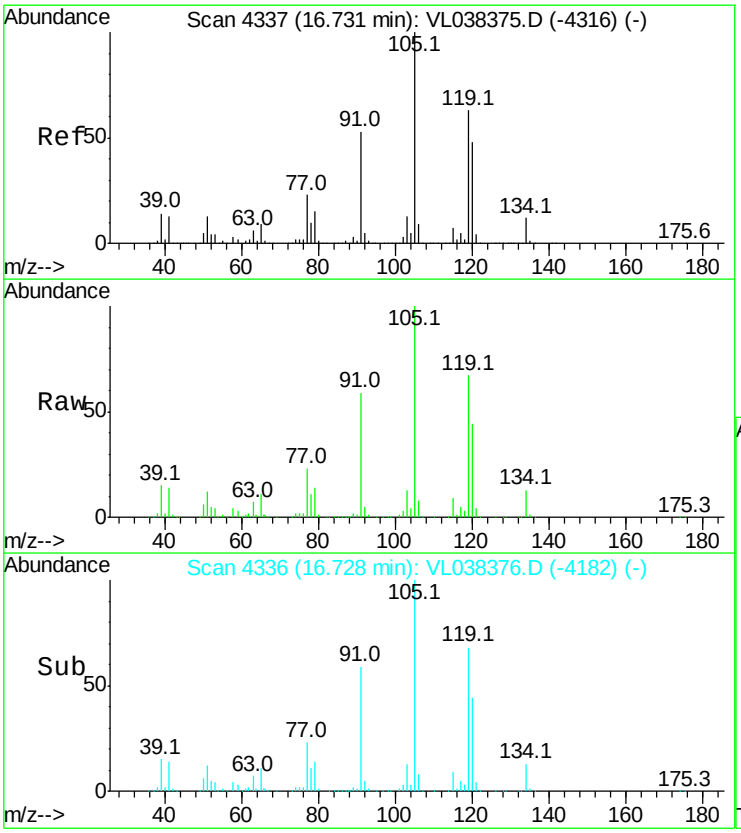

#73
1,3,5-Trimethylbenzene
Concen: 2.09 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:105 Resp: 541853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 40.4 | 36.6 | 55.0 |

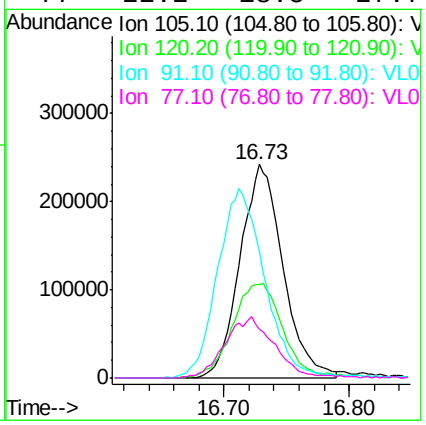


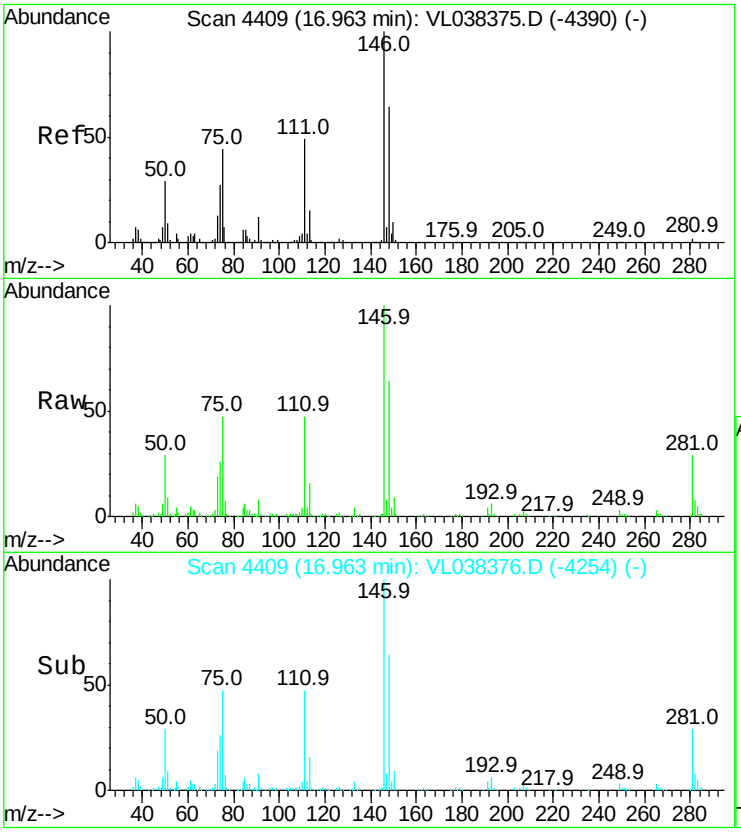




#74
1,2,4-Trimethylbenzene
Concen: 2.10 ppbv
RT: 16.73 min Scan# 4336
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:105 Resp: 575423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 38.2 | 57.4 |
| 91 | 57.8 | 42.7 | 64.1 |
| 77 | 22.2 | 18.5 | 27.7 |



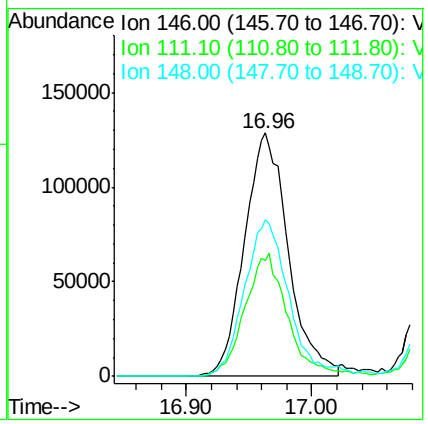


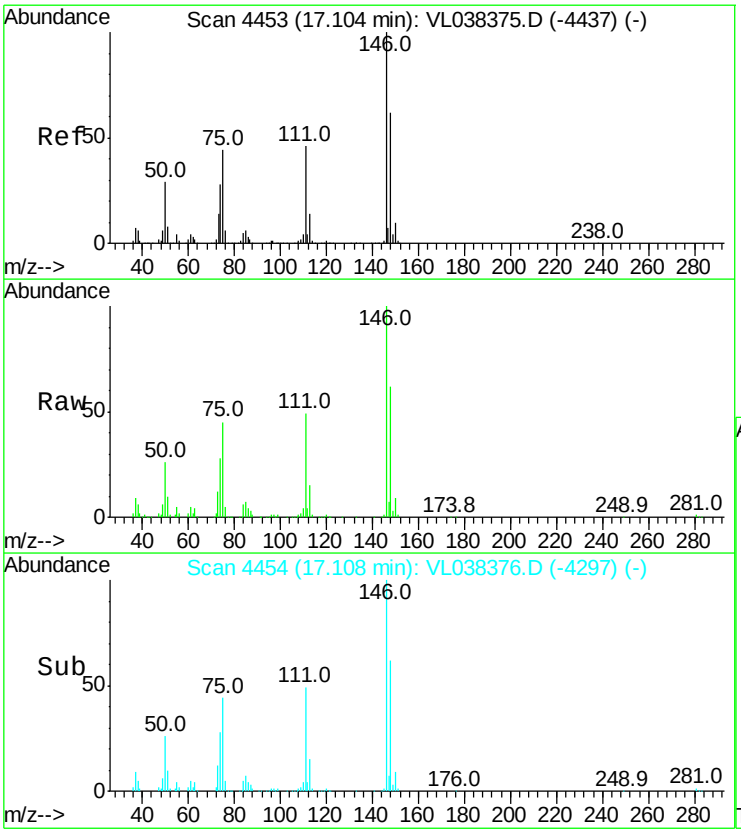

#75
1,3-Dichlorobenzene
Concen: 2.11 ppbv
RT: 16.96
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:146 Resp: 312795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 49.4 | 24.3 | 72.9 |
| 148 | 65.8 | 32.0 | 96.0 |

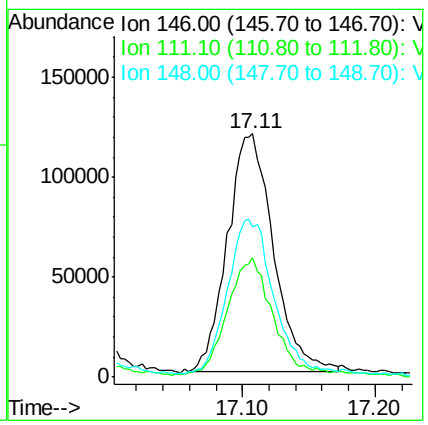


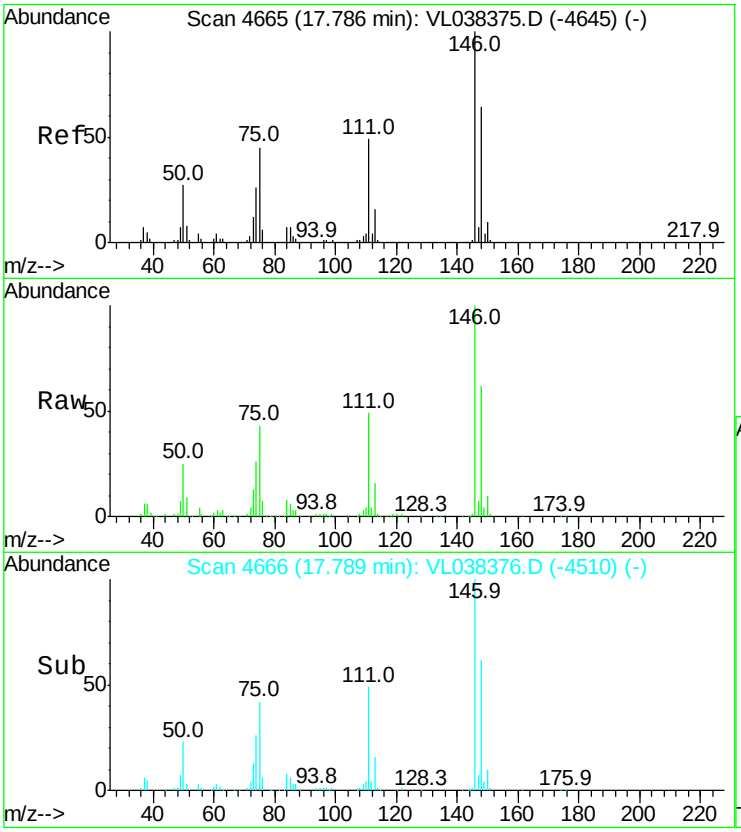




#76
1,4-Dichlorobenzene
Concen: 2.01 ppbv
RT: 17.11 min Scan# 4454
Delta R.T. 0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:146 Resp: 288057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 50.6 | 24.1 | 72.2 |
| 148 | 70.8 | 32.8 | 98.4 |



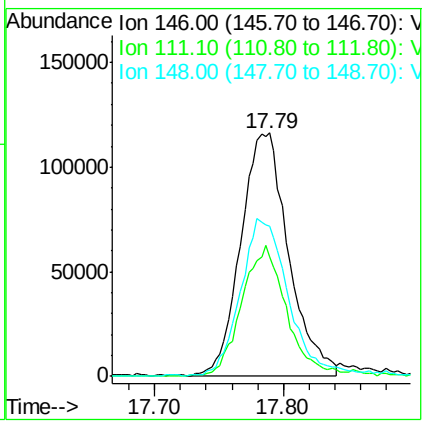


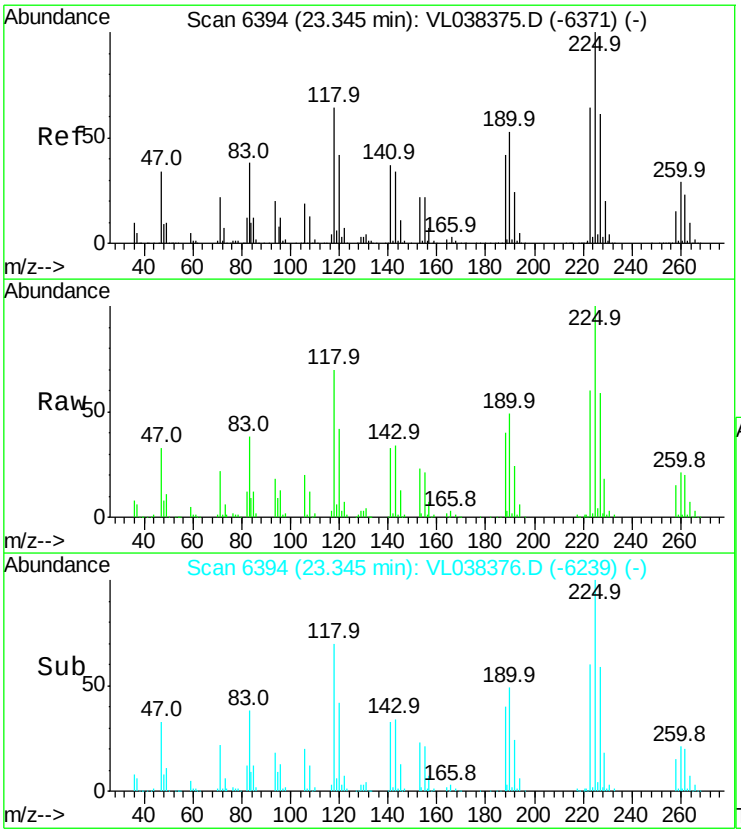

#77
1,2-Dichlorobenzene
Concen: 2.15 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:146 Resp: 298799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 52.0 | 25.6 | 76.6 |
| 148 | 66.2 | 32.4 | 97.2 |

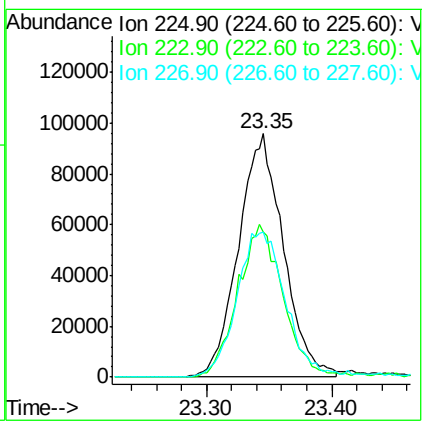


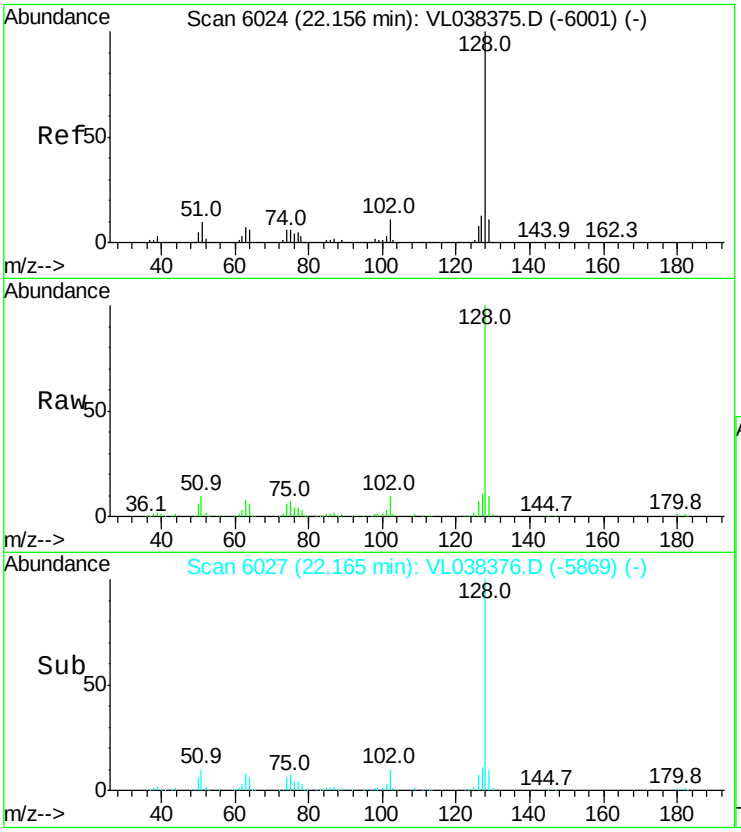




#78
Hexachloro-1,3-Butadiene
Concen: 2.45 ppbv
RT: 23.35 min Scan# 6394
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:225 Resp: 238008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.6 | 52.0 | 78.0 |
| 227 | 64.9 | 51.6 | 77.4 |



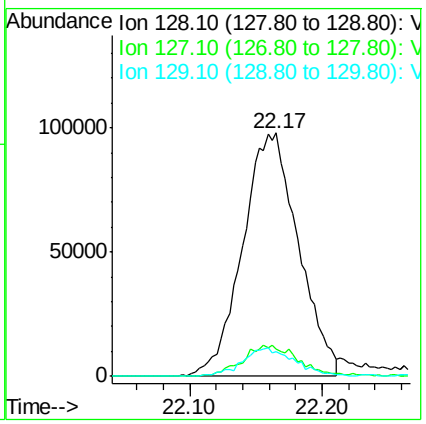


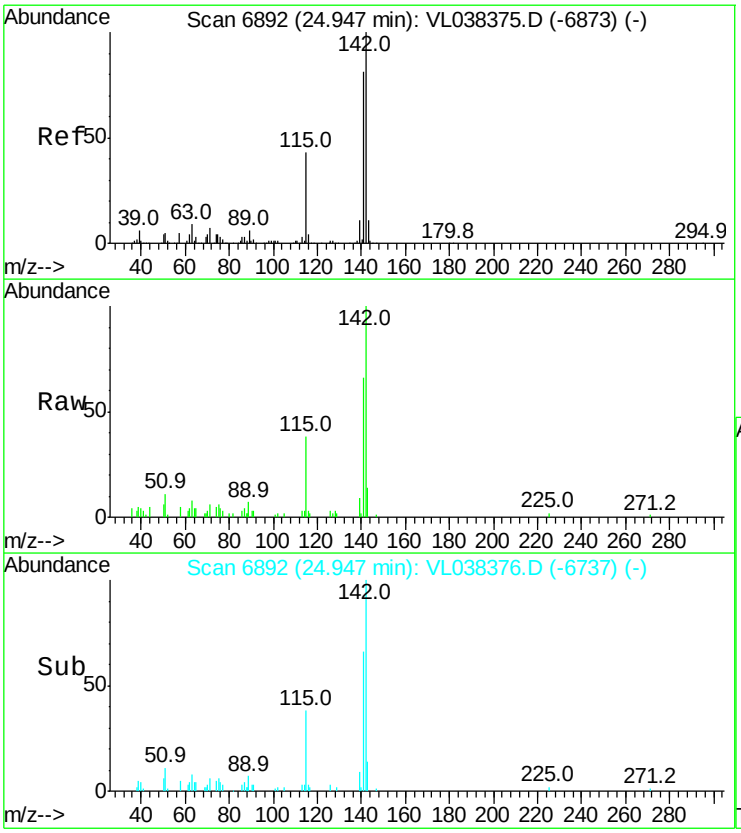

#79
Naphthalene
Concen: 2.15 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:51

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:128 Resp: 284493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.3 | 10.7 | 16.1 |
| 129 | 10.3 | 8.8 | 13.2 |

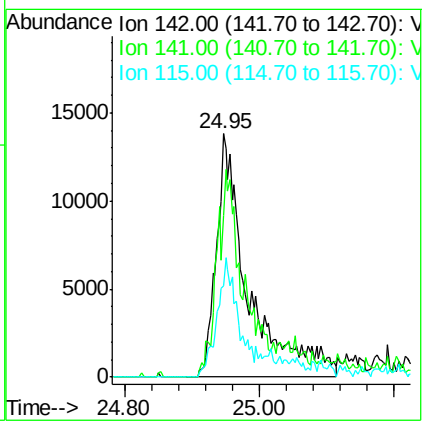


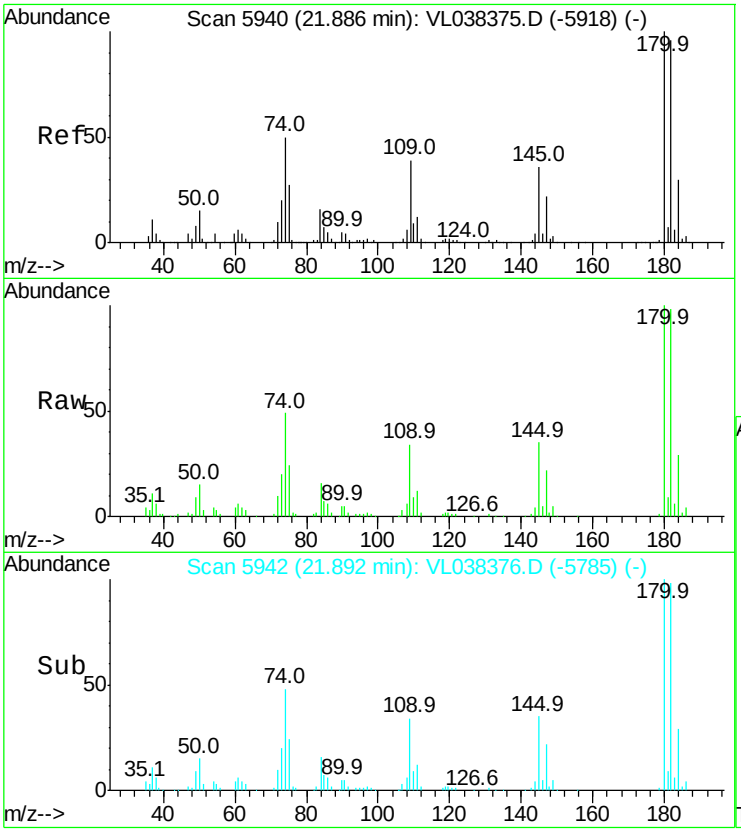




#80
Naphthalene,2-methyl-
Concen: 2.70 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.00 min
Lab File: VL038376.D
Acq: 22 Feb 2022 4:51

Tgt Ion:142 Resp: 45619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.0 | 69.8 | 104.6 |
| 115 | 34.5 | 33.0 | 49.6 |






#81
1,2,4-Trichlorobenzene
Concen: 2.26 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 22 Feb 2022 4:31

**Instrument :**
MSVOA_L
**ClientSampleId :**
VSTDICC002

Tgt Ion:180 Resp: 177079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 100.0 | 77.4 | 116.2 |
| 184 | 31.2 | 24.9 | 37.3 |