Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030422\
Data File : VL038533.D
Acq On : 4 Mar 2022 14:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 05 04:57:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.64 | 49 | 1037432 | 10.00 | ppbv | -0.01 |
| 33) 1,4-Difluorobenzene | 7.14 | 114 | 2596248 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.04 | 117 | 2968982 | 10.00 | ppbv | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.37 | 95 | 1917495 | 7.81 | ppbv | -0.01 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 78.10% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.03 | 85 | 2155432 | 13.117 | ppbv | 99 |
| 3) Chlorodifluoromethane | 2.98 | 51 | 1824014 | 9.957 | ppbv | 100 |
| 4) Chloromethane | 3.12 | 50 | 636814 | 10.005 | ppbv | 97 |
| 5) Vinyl Chloride | 3.24 | 62 | 650129 | 9.770 | ppbv | 98 |
| 6) Bromomethane | 3.46 | 94 | 346865 | 9.882 | ppbv | 92 |
| 7) Chloroethane | 3.54 | 64 | 220329 | 10.309 | ppbv | 95 |
| 8) Dichlorotetrafluoroethane | 3.17 | 85 | 1576187 | 10.312 | ppbv | 99 |
| 9) Propene | 3.00 | 41 | 610842 | 10.099 | ppbv | 99 |
| 10) Heptane | 8.09 | 43 | 1537845 | 10.445 | ppbv | 100 |
| 11) Trichlorofluoromethane | 3.93 | 101 | 1589021 | 10.101 | ppbv | 97 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.46 | 101 | 1190957 | 10.326 | ppbv | 98 |
| 13) Ethanol | 3.58 | 45 | 61606 | 10.206 | ppbv | 94 |
| 14) Bromoethene | 3.72 | 108 | 488522 | 10.632 | ppbv | 97 |
| 15) Acetone | 3.83 | 43 | 790790 | 8.963 | ppbv | 96 |
| 16) 1,3-Butadiene | 3.31 | 39 | 597601 | 10.141 | ppbv | 93 |
| 17) tert-Butyl alcohol | 4.26 | 59 | 976017 | 11.089 | ppbv | 99 |
| 18) 1,1-Dichloroethene | 4.27 | 96 | 529286 | 10.452 | ppbv | 95 |
| 19) Isopropyl Alcohol | 3.94 | 45 | 538086 | 10.533 | ppbv | 99 |
| 20) Methylene Chloride | 4.32 | 84 | 428220 | 9.796 | ppbv | 94 |
| 21) Allyl Chloride | 4.39 | 41 | 829614 | 11.134 | ppbv | 97 |
| 22) trans-1,2-Dichloroethene | 4.86 | 96 | 574296 | 11.241 | ppbv | 99 |
| 23) Vinyl Acetate | 5.04 | 43 | 1320810 | 11.297 | ppbv | 99 |
| 24) 1,1-Dichloroethane | 4.98 | 63 | 1103535 | 10.499 | ppbv | 99 |
| 25) Ethyl Acetate | 5.65 | 43 | 2441904 | 10.302 | ppbv | 100 |
| 26) Hexane | 5.65 | 57 | 1120830 | 10.442 | ppbv | 97 |
| 27) Carbon Disulfide | 4.53 | 76 | 1367760 | 11.456 | ppbv | 99 |
| 28) Methyl tert-Butyl Ether | 5.01 | 73 | 1188839 | 10.874 | ppbv | 100 |
| 29) Chloroform | 5.72 | 83 | 1774019 | 10.126 | ppbv | 99 |
| 30) Cyclohexane | 7.10 | 84 | 951059 | 10.834 | ppbv | 96 |
| 31) cis-1,2-Dichloroethene | 5.52 | 61 | 1038046 | 9.982 | ppbv | 95 |
| 32) 1,1,1-Trichloroethane | 6.48 | 97 | 1820908 | 10.335 | ppbv | 99 |
| 34) 2-Butanone | 5.21 | 43 | 892505 | 10.930 | ppbv | 100 |
| 35) Carbon Tetrachloride | 6.98 | 117 | 1904252 | 10.431 | ppbv | 99 |
| 36) Benzene | 6.86 | 78 | 2362549 | 10.337 | ppbv | 98 |
| 37) 1,2-Dichloroethane | 6.28 | 62 | 1373293 | 10.398 | ppbv | 100 |
| 38) Trichloroethene | 7.80 | 130 | 859458 | 10.324 | ppbv | 95 |
| 39) 1,2-Dichloropropane | 7.58 | 63 | 929306 | 10.208 | ppbv | 98 |
| 40) 1,4-Dioxane | 7.80 | 88 | 238369 | 11.039 | ppbv | 78 |
| 41) Tetrahydrofuran | 6.02 | 42 | 602555 | 10.922 | ppbv | 98 |
| 42) Bromodichloromethane | 7.75 | 83 | 2008958 | 10.534 | ppbv | 97 |
| 43) Methyl Methacrylate | 7.98 | 69 | 882436 | 11.106 | ppbv | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030422\
Data File : VL038533.D
Acq On : 4 Mar 2022 14:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 05 04:57:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.83 | 57 | 3938064 | 10.024 | ppbv | | 99 |
| 45) t-1,3-Dichloropropene | 9.24 | 75 | 829769 | 13.067 | ppbv | | 99 |
| 46) cis-1,3-Dichloropropene | 8.66 | 75 | 1017163 | 12.222 | ppbv | | 97 |
| 47) 1,1,2-Trichloroethane | 9.44 | 97 | 935760 | 10.332 | ppbv | | 98 |
| 48) Dibromochloromethane | 10.27 | 129 | 1629388 | 11.002 | ppbv | | 99 |
| 49) Bromoform | 13.00 | 173 | 1254831 | 11.479 | ppbv | | 99 |
| 50) 4-Methyl-2-Pentanone | 8.71 | 43 | 1620705 | 11.226 | ppbv | | 98 |
| 51) 2-Hexanone | 10.10 | 43 | 737340 | 11.408 | ppbv | # | 97 |
| 52) Tetrachloroethene | 11.18 | 164 | 755132 | 9.952 | ppbv | | 98 |
| 53) Toluene | 9.77 | 91 | 2620116 | 10.558 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.57 | 107 | 1405117 | 11.021 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.09 | 131 | 1059088 | 8.558 | ppbv | | 98 |
| 57) Chlorobenzene | 12.11 | 112 | 1895226 | 8.273 | ppbv | | 98 |
| 58) Ethyl Benzene | 12.67 | 91 | 3515383 | 8.659 | ppbv | | 100 |
| 59) m/p-Xylene | 12.96 | 91 | 2933508 | 8.413 | ppbv | # | 32 |
| 60) o-Xylene | 13.65 | 91 | 2821925 | 8.562 | ppbv | | 99 |
| 61) Styrene | 13.49 | 104 | 1445176 | 9.506 | ppbv | | 100 |
| 62) Isopropylbenzene | 14.63 | 105 | 3677457 | 8.313 | ppbv | | 99 |
| 63) 1,1,2,2-Tetrachloroethane | 13.64 | 83 | 2051296 | 7.660 | ppbv | | 100 |
| 64) n-propylbenzene | 15.52 | 120 | 936819 | 8.553 | ppbv | | 96 |
| 65) tert-Butylbenzene | 16.71 | 119 | 3199651 | 8.350 | ppbv | | 99 |
| 66) Benzyl Chloride | 16.95 | 91 | 118943 | 5.745 | ppbv | # | 70 |
| 67) sec-Butylbenzene | 17.25 | 105 | 4489828 | 8.270 | ppbv | | 100 |
| 69) p-Isopropyltoluene | 17.61 | 119 | 3658394 | 8.579 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.51 | 91 | 3872942 | 8.776 | ppbv | | 100 |
| 71) 2-Chlorotoluene | 15.41 | 91 | 2933968 | 8.625 | ppbv | | 99 |
| 72) 4-Ethyltoluene | 15.80 | 105 | 3194143 | 8.795 | ppbv | | 100 |
| 73) 1,3,5-Trimethylbenzene | 15.96 | 105 | 2851807 | 8.647 | ppbv | | 100 |
| 74) 1,2,4-Trimethylbenzene | 16.72 | 105 | 3002504 | 8.623 | ppbv | | 98 |
| 75) 1,3-Dichlorobenzene | 16.95 | 146 | 1642320 | 8.421 | ppbv | | 99 |
| 76) 1,4-Dichlorobenzene | 17.10 | 146 | 1577864 | 8.205 | ppbv | | 98 |
| 77) 1,2-Dichlorobenzene | 17.77 | 146 | 1550842 | 8.261 | ppbv | | 99 |
| 78) Hexachloro-1,3-Butadiene | 23.33 | 225 | 1053458 | 7.358 | ppbv | | 99 |
| 79) Naphthalene | 22.15 | 128 | 1886809 | 10.001 | ppbv | | 99 |
| 80) Naphthalene,2-methyl- | 24.94 | 142 | 399162 | 10.826 | ppbv | | 95 |
| 81) 1,2,4-Trichlorobenzene | 21.88 | 180 | 1055604 | 9.254 | ppbv | | 99 |

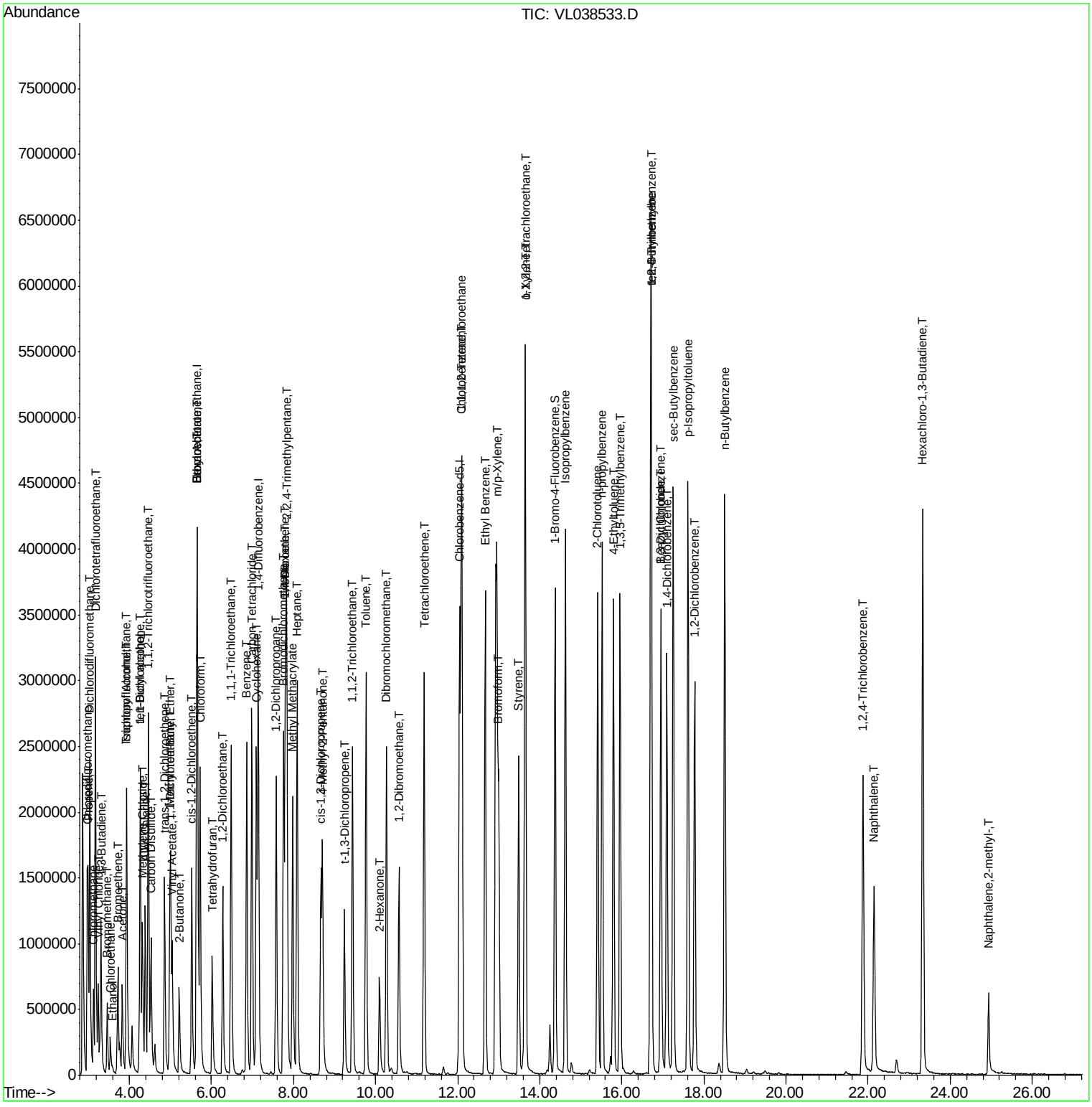
(#) = qualifier out of range (m) = manual integration (+) = signals summed

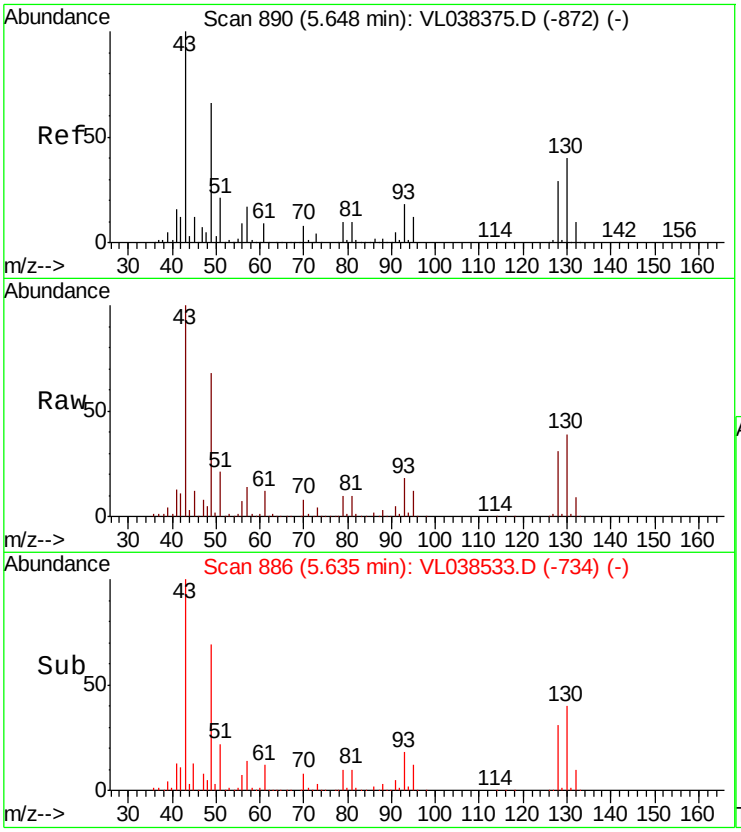
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030422\
Data File : VL038533.D
Acq On : 4 Mar 2022 14:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 05 04:57:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



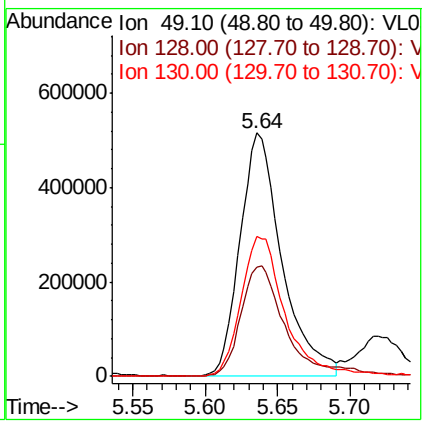


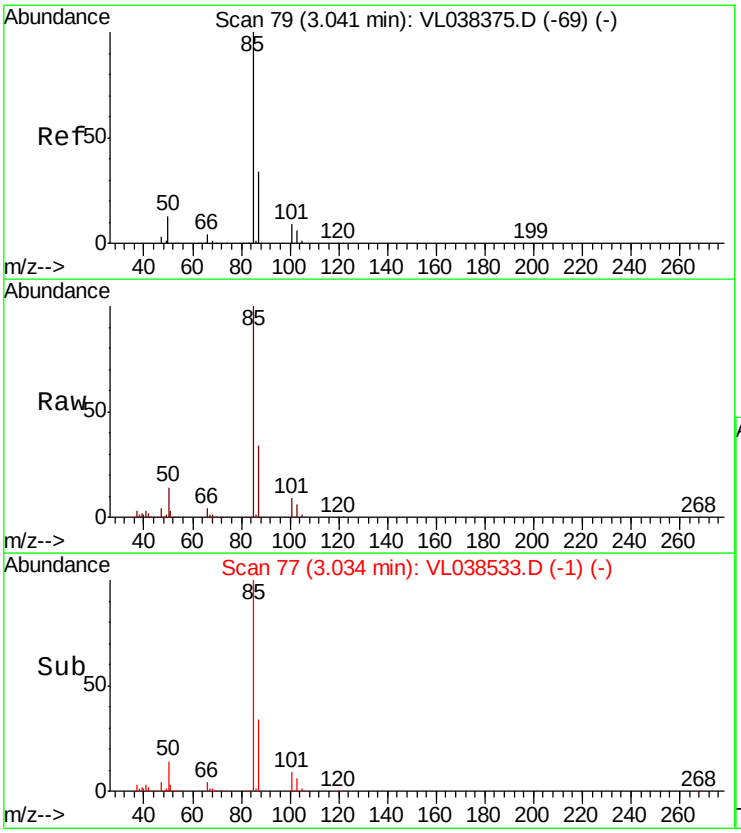

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 49 Resp: 1037432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 49.6 | 24.3 | 72.9 |
| 130 | 61.6 | 30.1 | 90.5 |

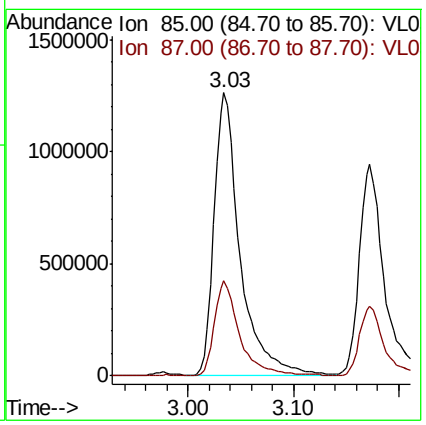


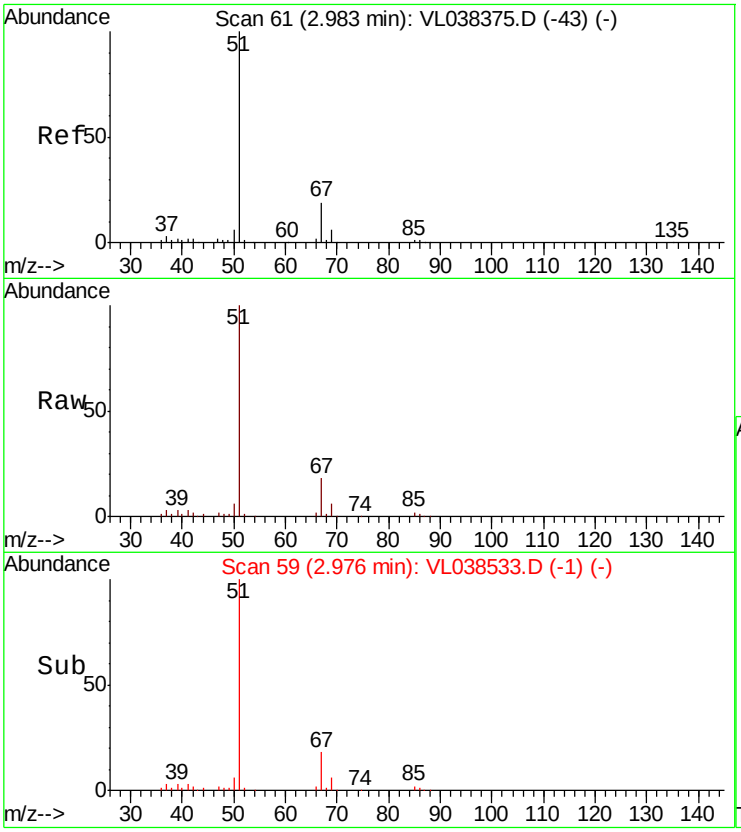




#2
Dichlorodifluoromethane
Concen: 13.117 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 85 Resp: 2155432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.5 | 27.4 | 41.0 |



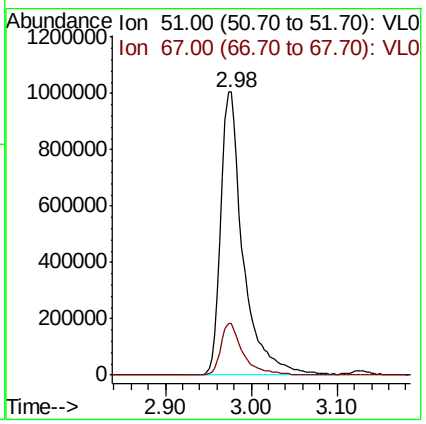


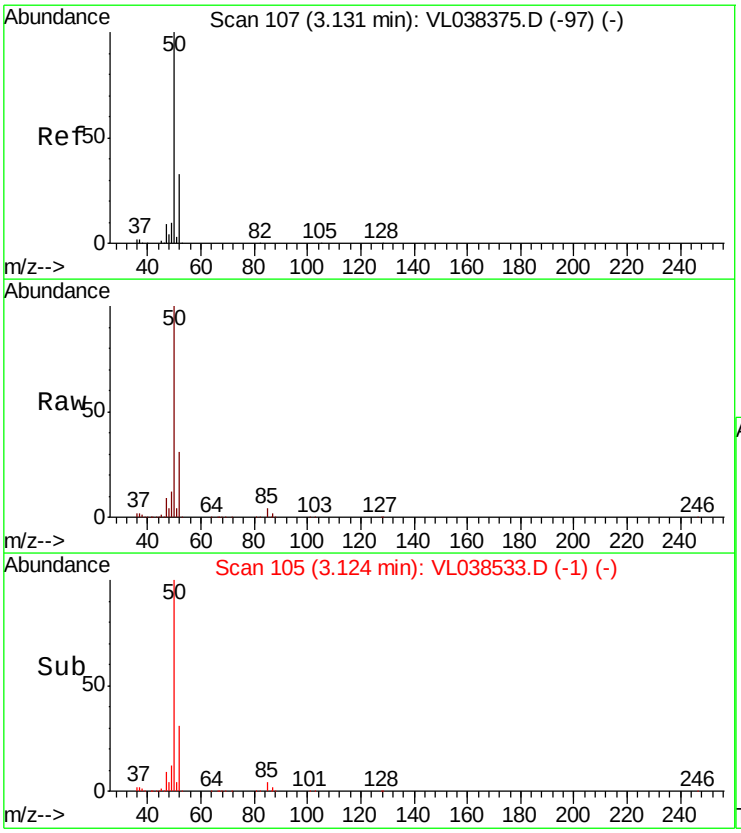

#3
Chlorodifluoromethane
Concen: 9.957 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1824014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 18.2 | 14.7 | 22.1 |

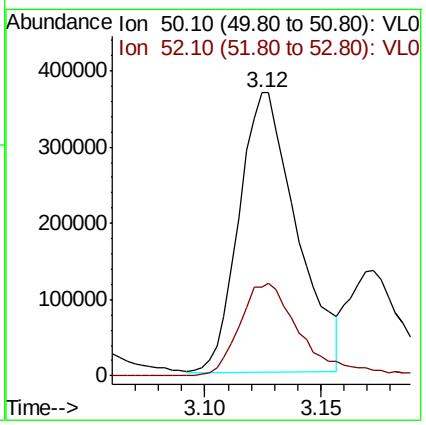


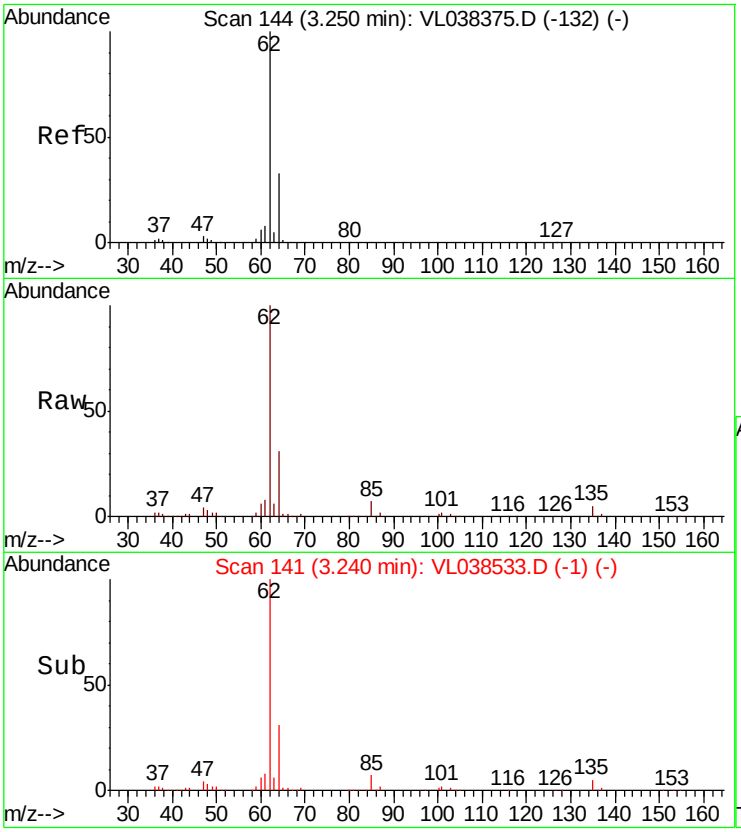




#4
Chloromethane
Concen: 10.005 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 50 Resp: 636814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.6 | 26.5 | 39.7 |



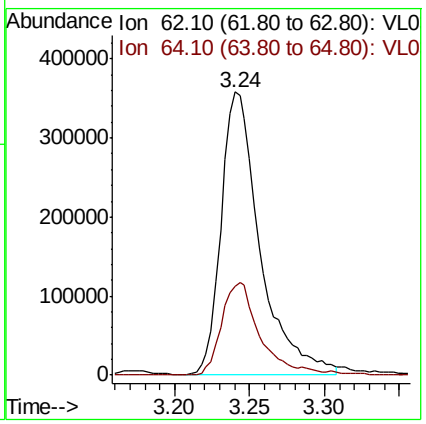


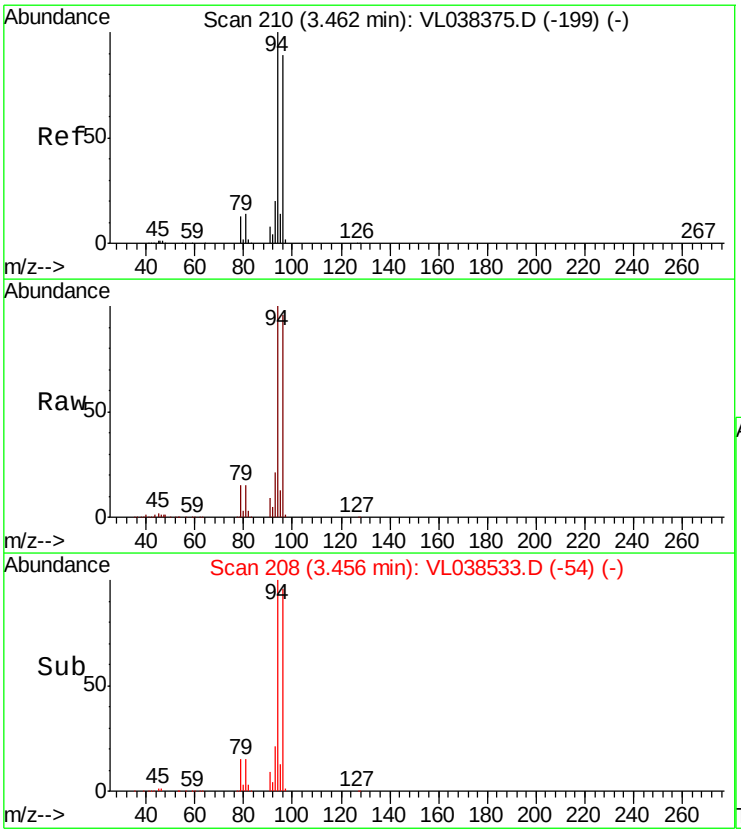

#5
Vinyl Chloride
Concen: 9.770 ppbv
RT: 3.24
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 62 Resp: 650129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.4 | 26.2 | 39.2 |

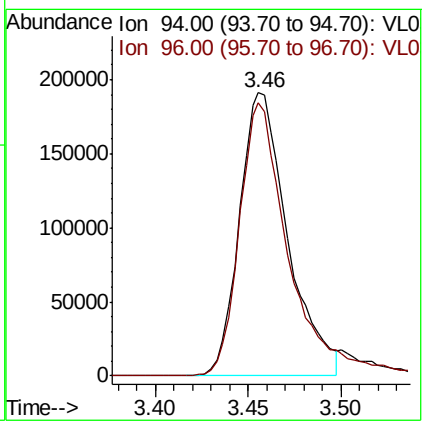


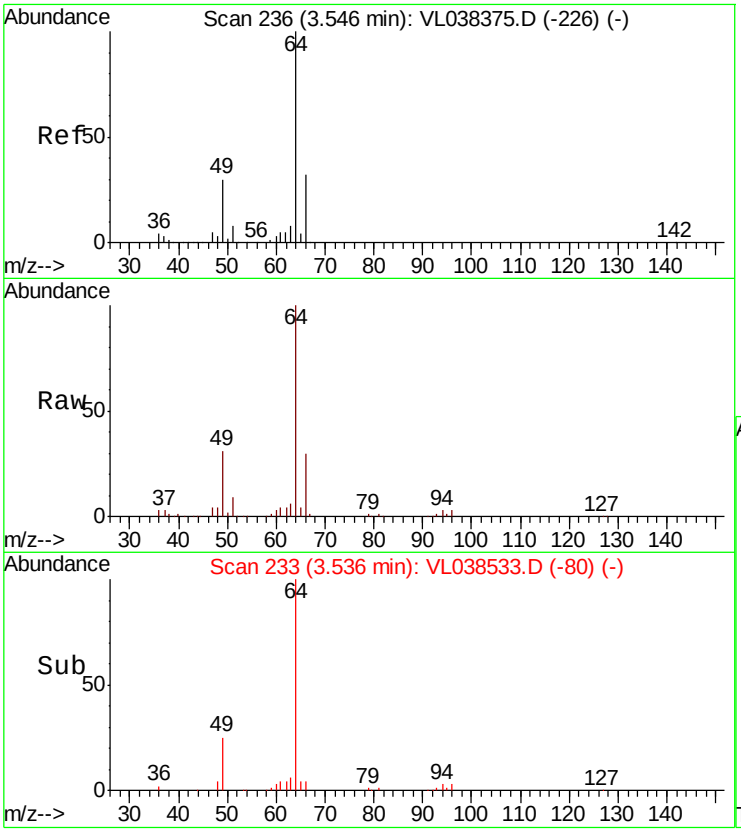




#6
Bromomethane
Concen: 9.882 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 94 Resp: 346865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.5 | 71.0 | 106.6 |



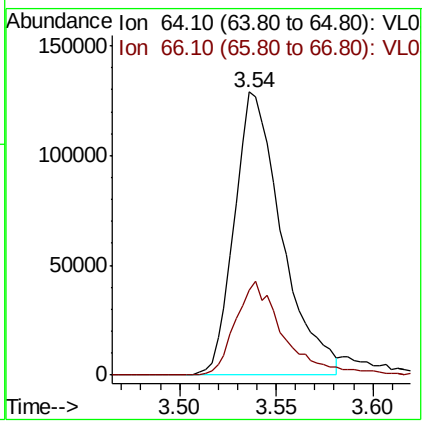


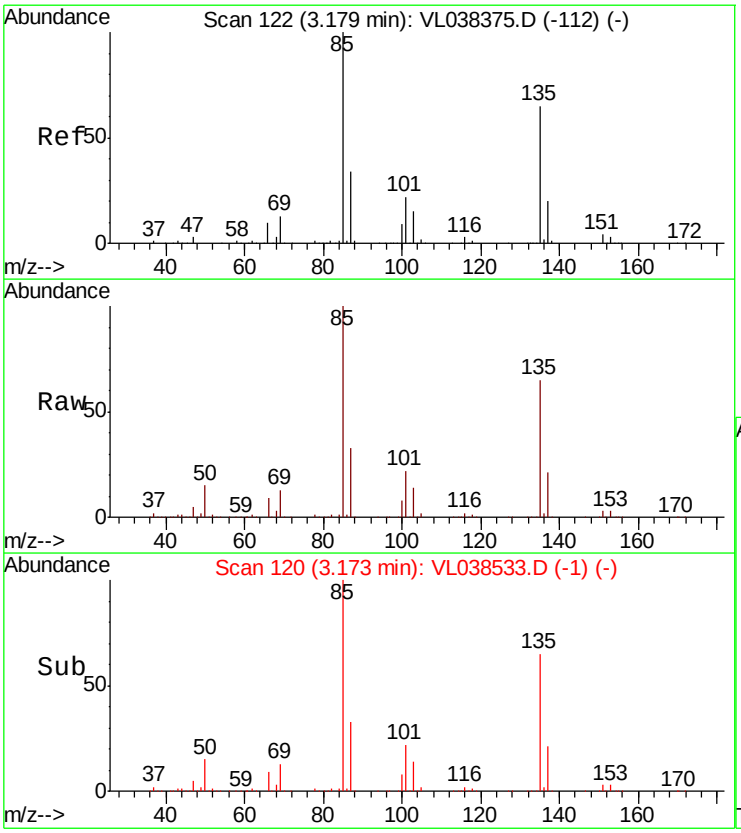

#7
Chloroethane
Concen: 10.309 ppbv
RT: 3.54
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 64 Resp: 220329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.8 | 25.9 | 38.9 |

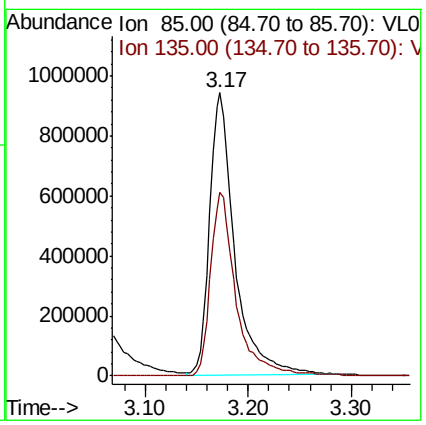


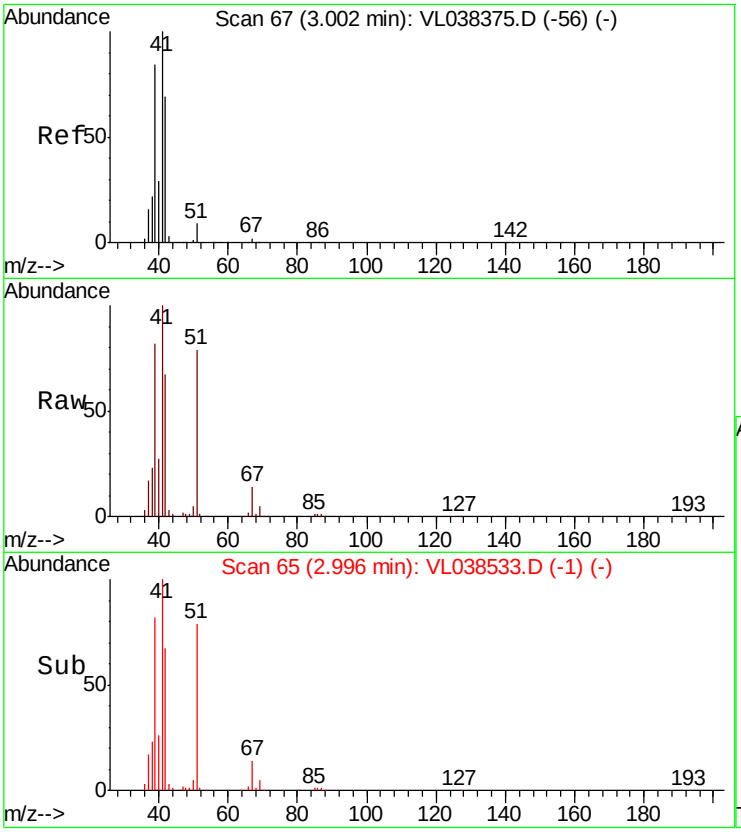




#8
Dichlorotetrafluoroethane
Concen: 10.312 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 85 Resp: 1576187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 67.1 | 54.1 | 81.1 |



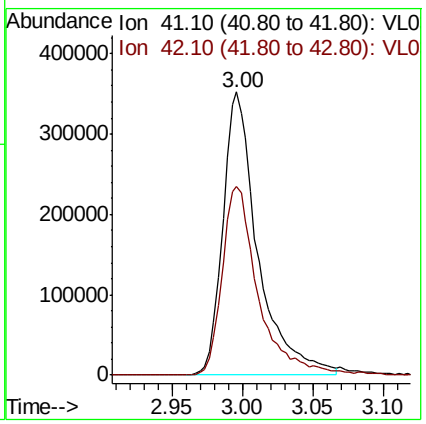


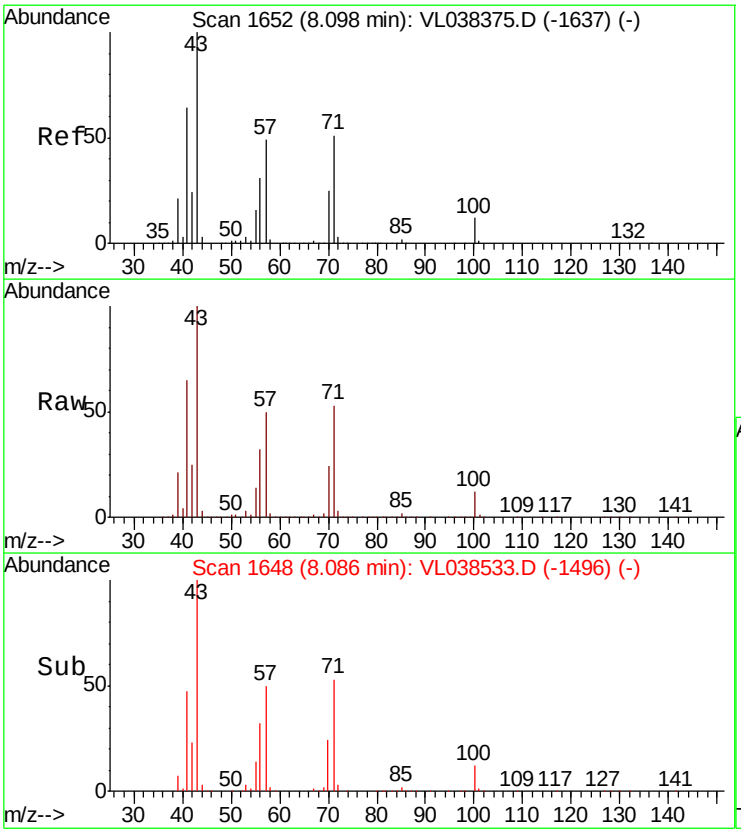

#9
Propene
Concen: 10.099 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 41 Resp: 610842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 69.4 | 54.6 | 82.0 |

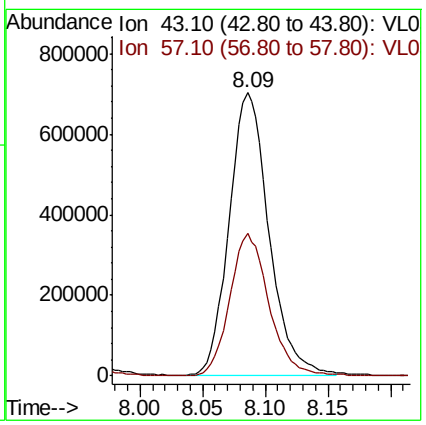


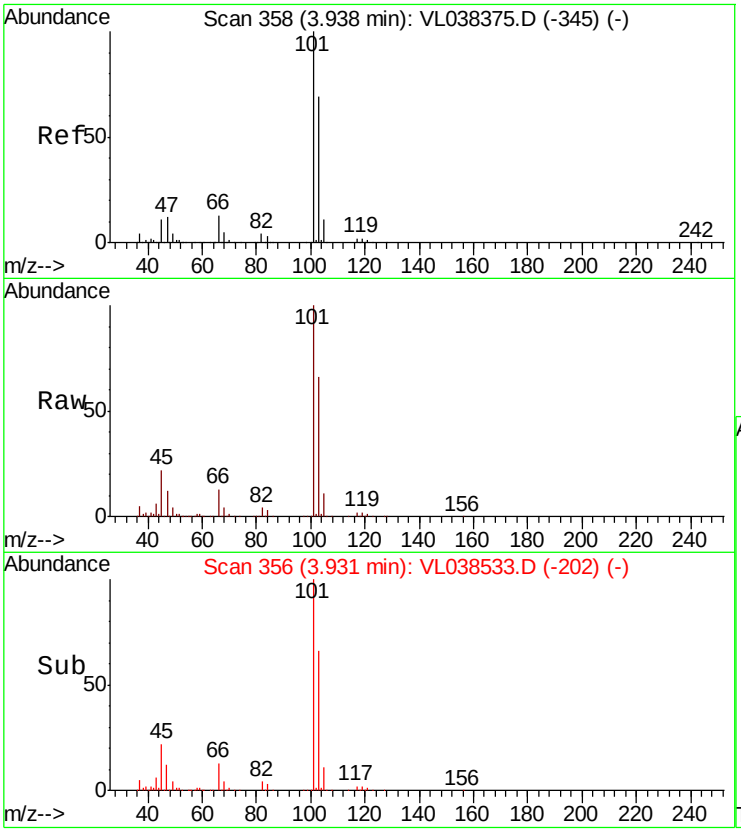




#10
Heptane
Concen: 10.445 ppbv
RT: 8.09 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 43 Resp: 1537845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 50.0 | 39.8 | 59.8 |



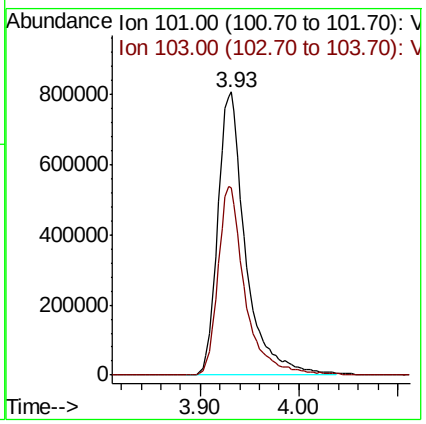


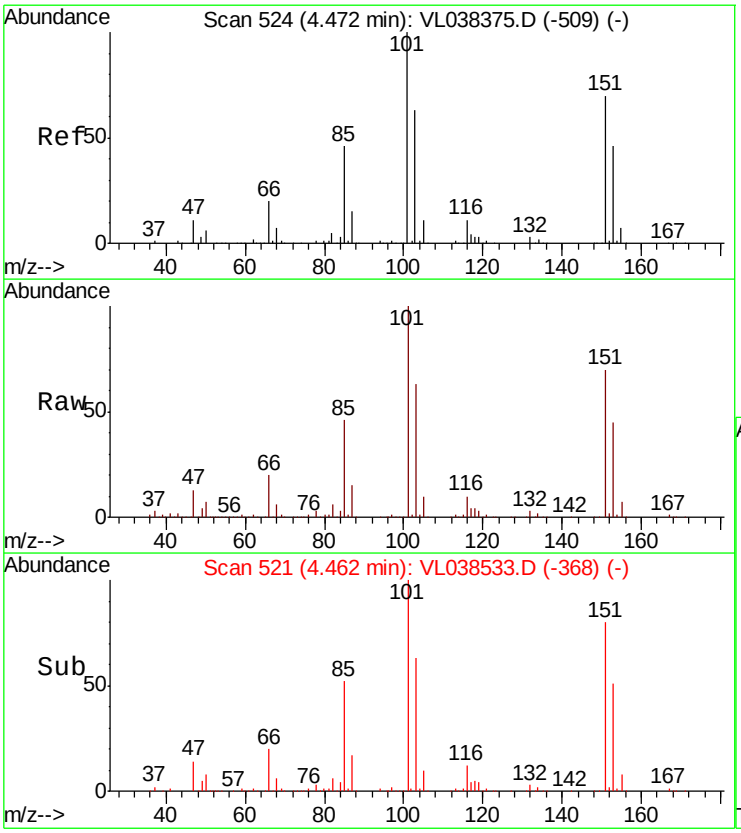

#11
Trichlorofluoromethane
Concen: 10.101 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:101 Resp: 1589021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.3 | 55.0 | 82.4 |

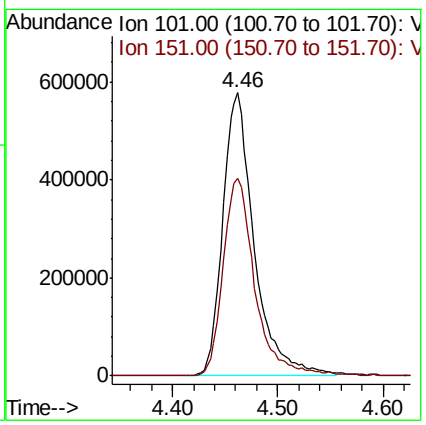


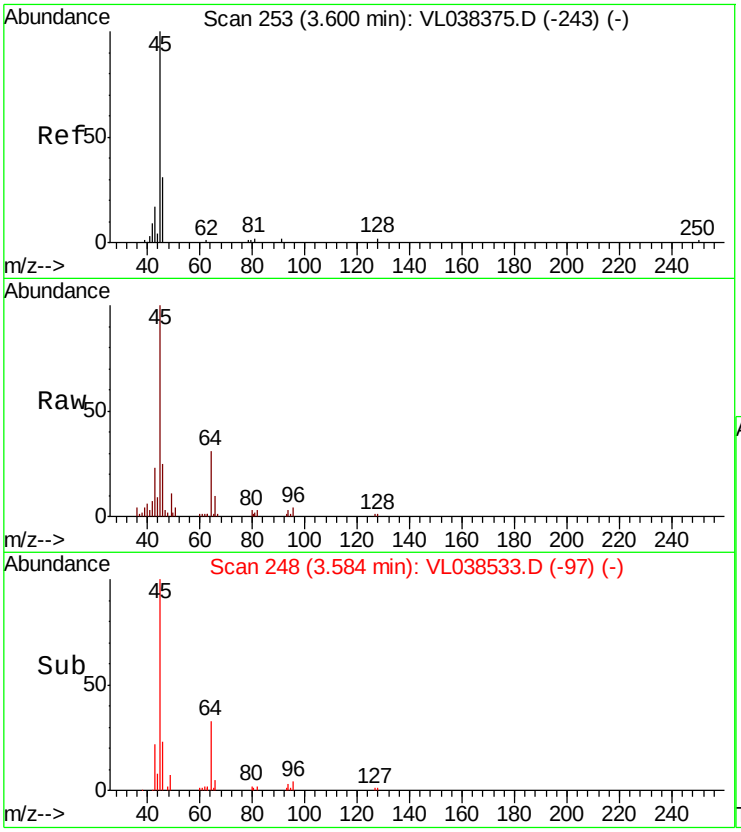




#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.326 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:101 Resp: 1190957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 71.2 | 55.9 | 83.9 |



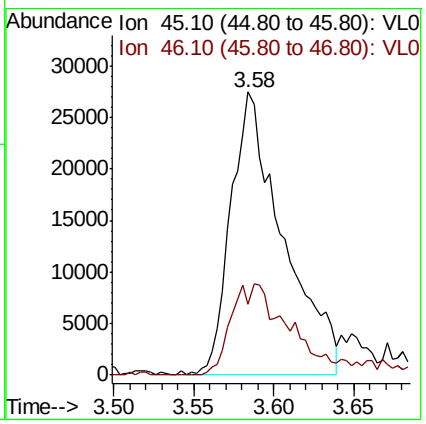


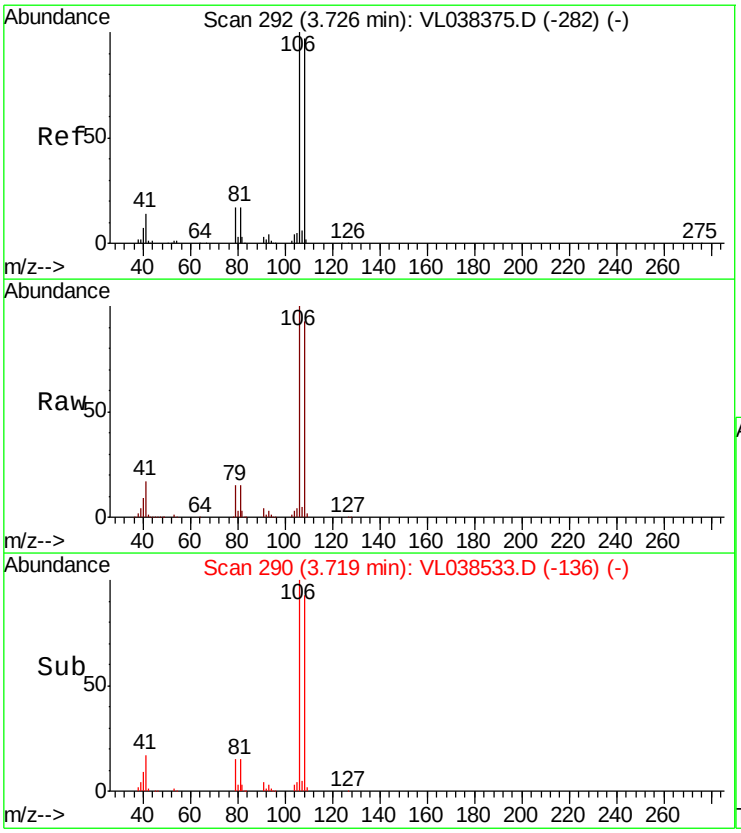

#13
Ethanol
Concen: 10.206 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 45 Resp: 61606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 41.6 | 18.2 | 72.8 |

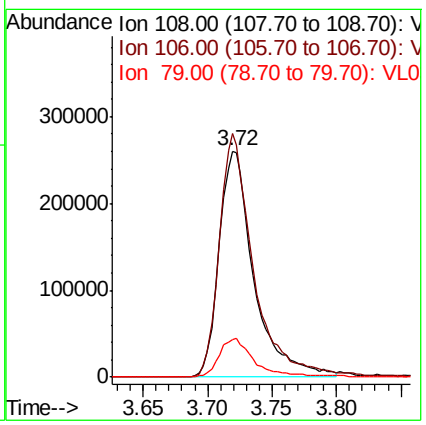


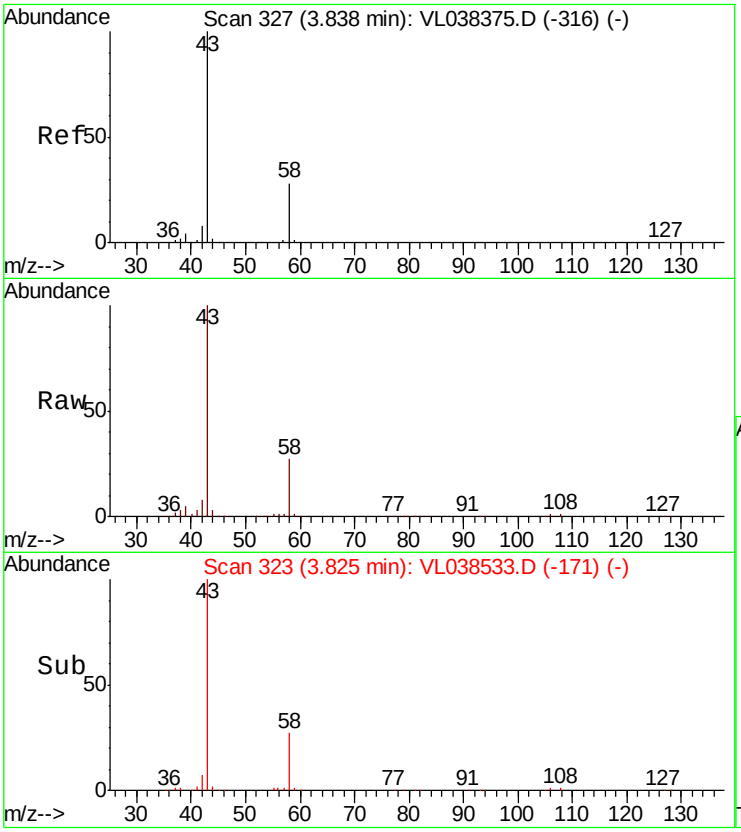




#14
Bromoethene
Concen: 10.632 ppbv
RT: 3.72 min Scan# 290
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:108 Resp: 488522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 107.0 | 88.4 | 132.6 |
| 79 | 17.3 | 15.0 | 22.6 |



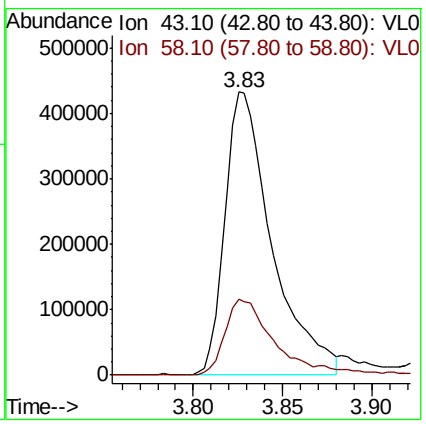


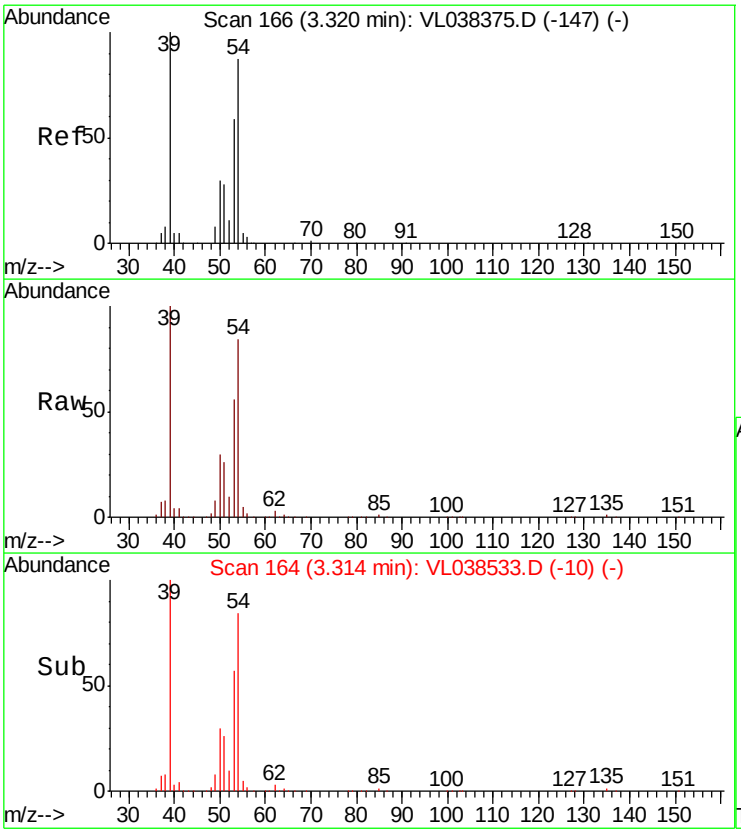

#15
Acetone
Concen: 8.963 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 43 Resp: 790790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.9 | 21.7 | 32.5 |

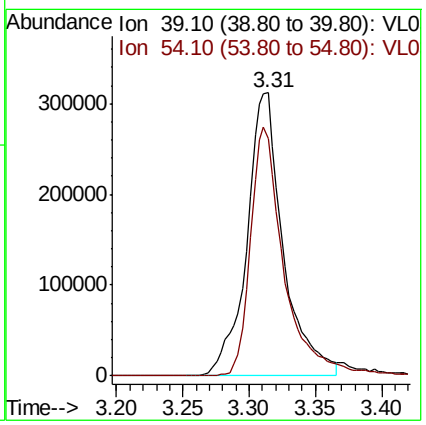


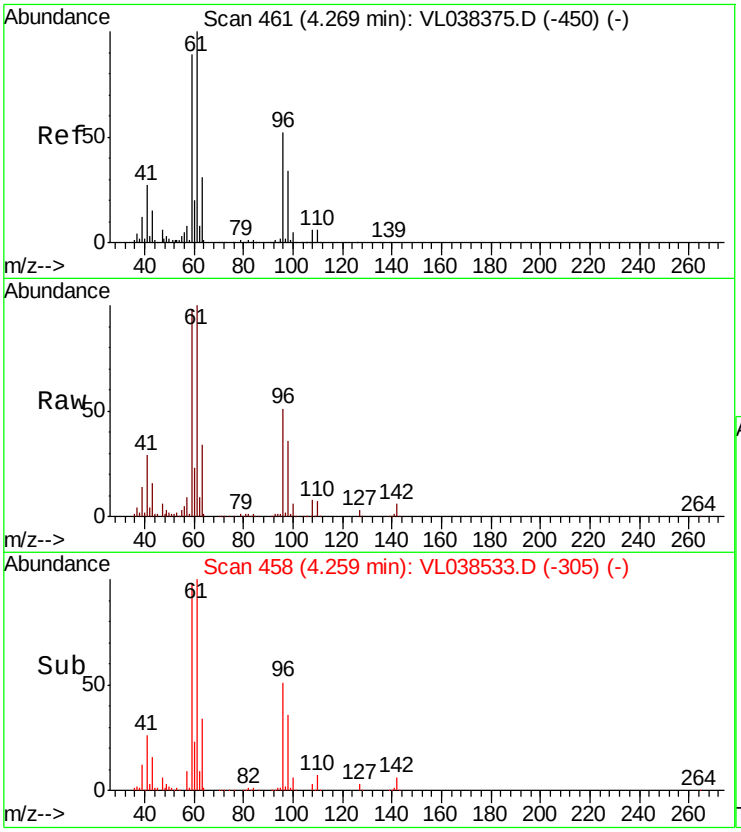




#16
1,3-Butadiene
Concen: 10.141 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 39 Resp: 597601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 81.5 | 60.3 | 90.5 |



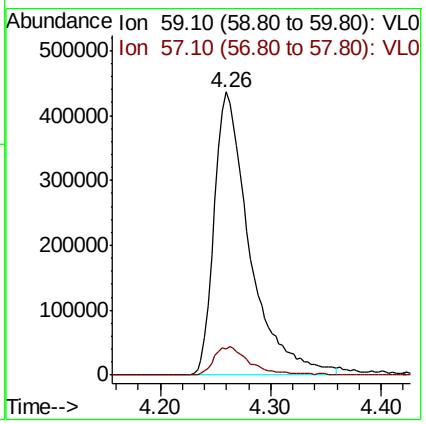


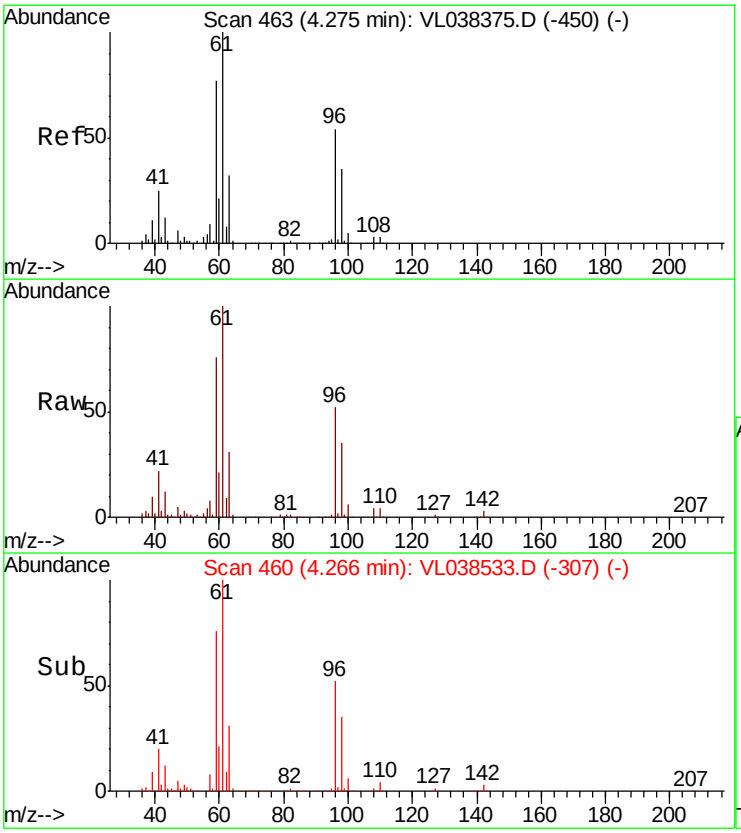

#17
tert-Butyl alcohol
Concen: 11.089 ppbv
RT: 4.26
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 59 Resp: 976017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.8 | 8.4 | 12.6 |

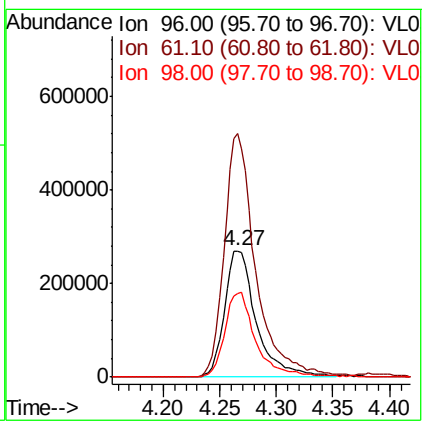


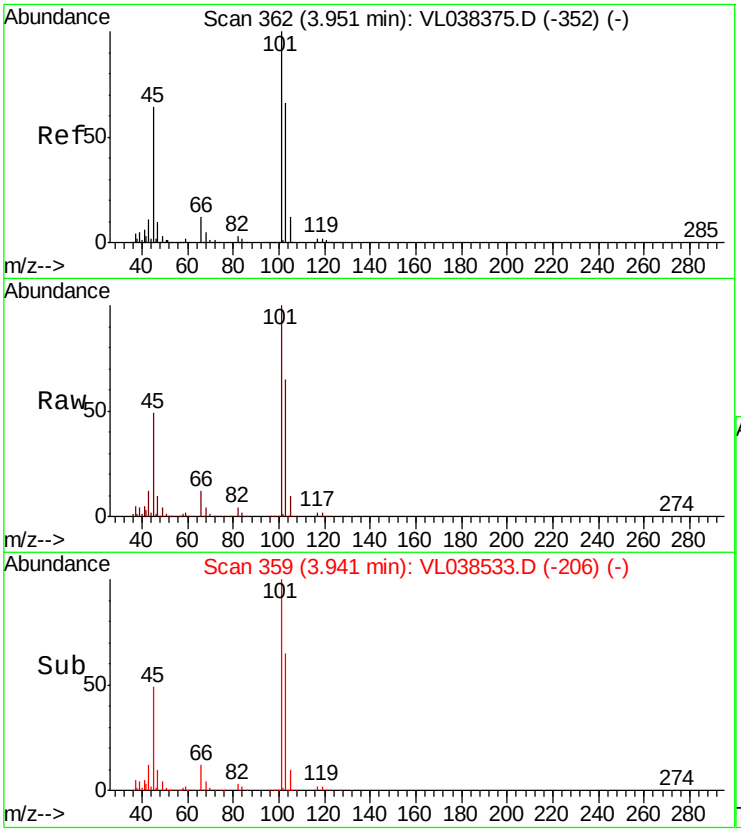




#18
1,1-Dichloroethene
Concen: 10.452 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 96 Resp: 529286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 192.7 | 146.8 | 220.2 |
| 98 | 66.6 | 51.5 | 77.3 |



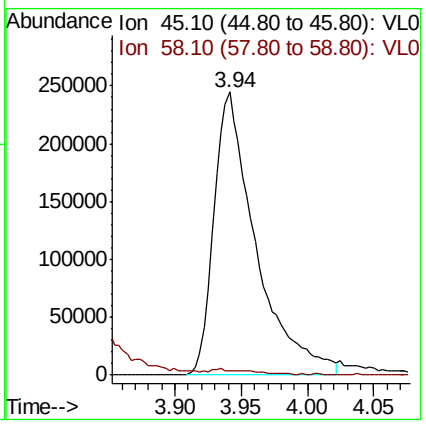


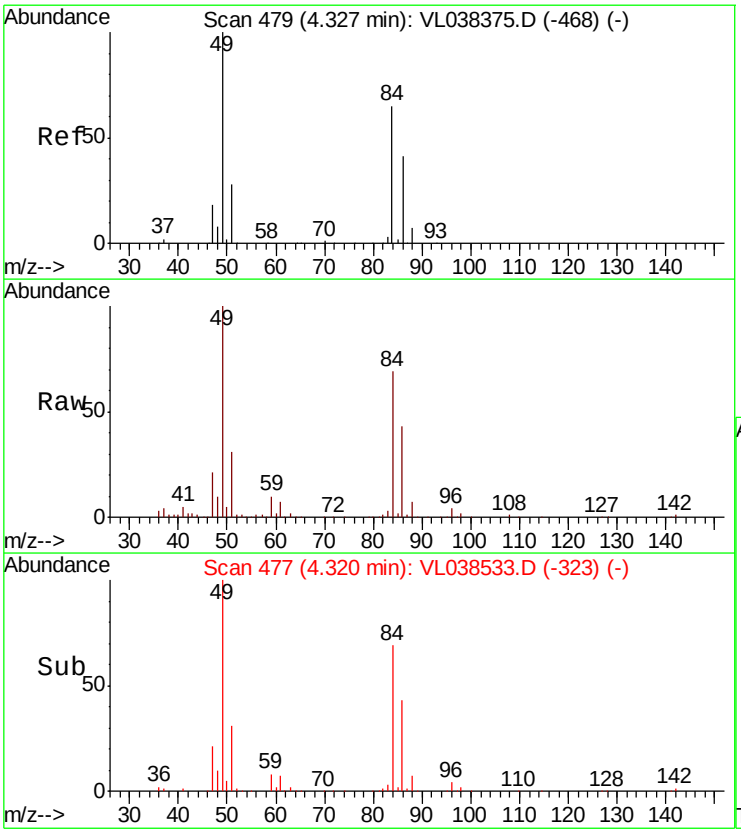

#19
Isopropyl Alcohol
Concen: 10.533 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 45 Resp: 538086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1.9 | 1.8 | 2.8 |

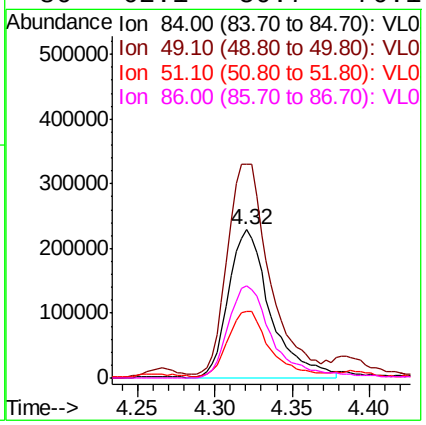


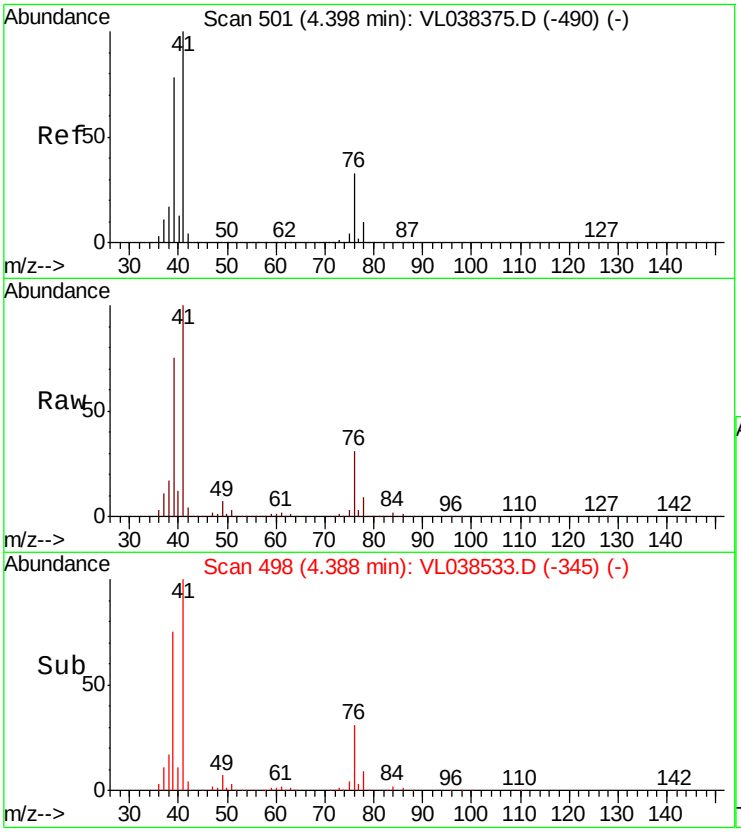




#20
Methylene Chloride
Concen: 9.796 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 84 Resp: 428220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 142.1 | 122.4 | 183.6 |
| 51 | 43.6 | 33.3 | 49.9 |
| 86 | 62.1 | 50.7 | 76.1 |



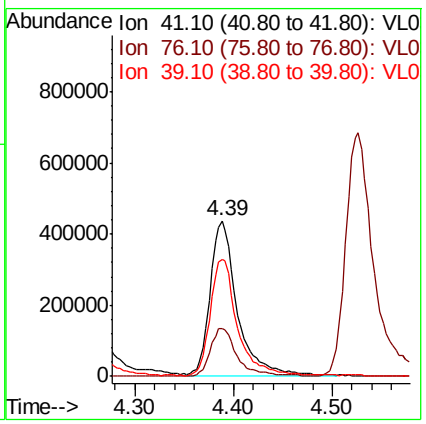


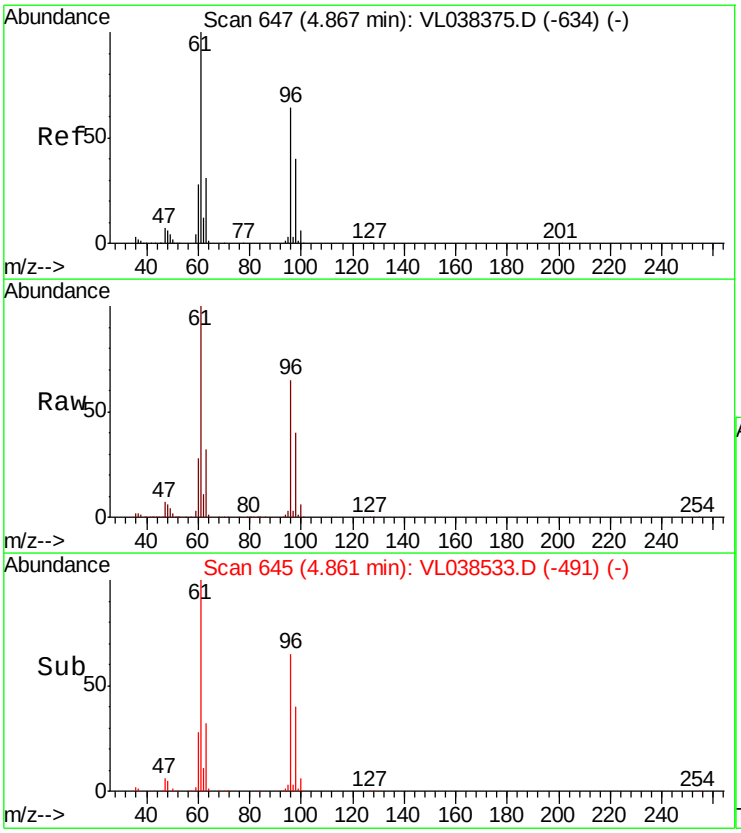

#21
Allyl Chloride
Concen: 11.134 ppbv
RT: 4.39
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 829614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 30.9 | 25.4 | 38.0 |
| 39 | 75.6 | 63.0 | 94.6 |

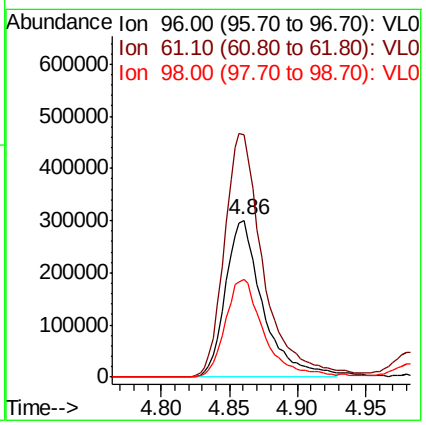


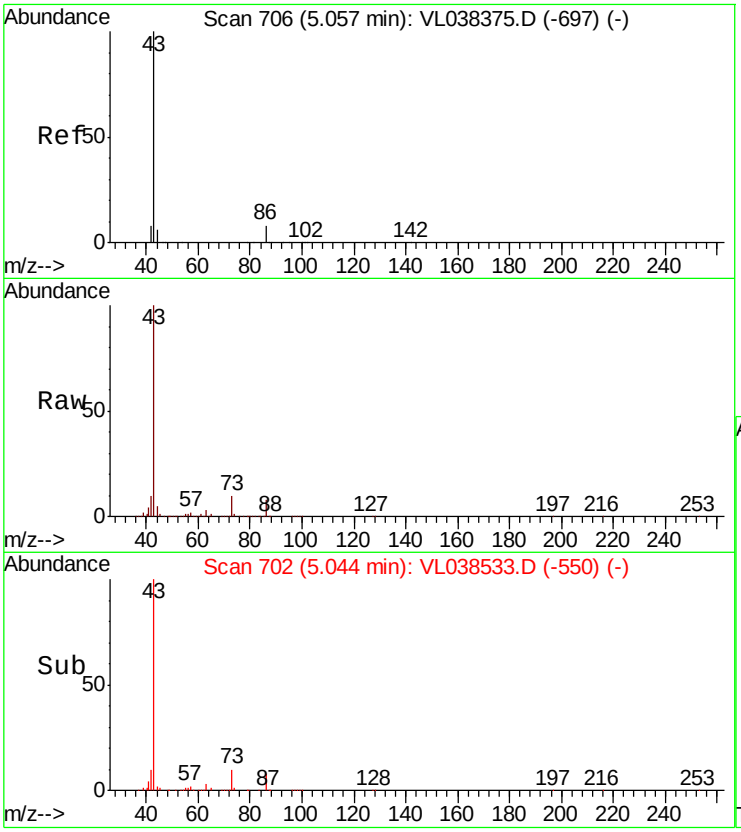




#22
trans-1,2-Dichloroethene
Concen: 11.241 ppbv
RT: 4.86 min Scan# 645
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 96 Resp: 574296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 154.1 | 124.2 | 186.4 |
| 98 | 61.9 | 49.1 | 73.7 |



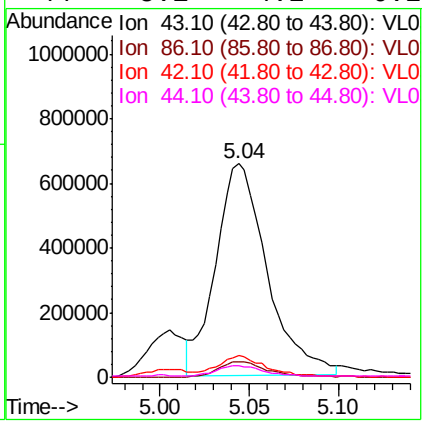


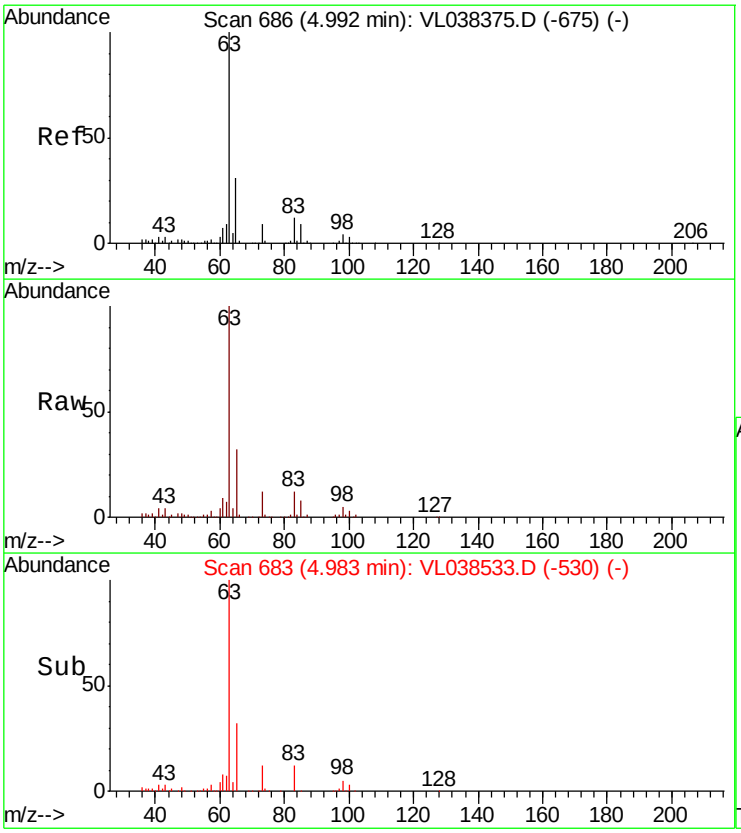

#23
Vinvl Acetate
Concen: 11.297 ppbv
RT: 5.04
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1320810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.6 | 5.8 | 8.6 |
| 42 | 9.9 | 7.4 | 11.0 |
| 44 | 5.1 | 4.2 | 6.2 |

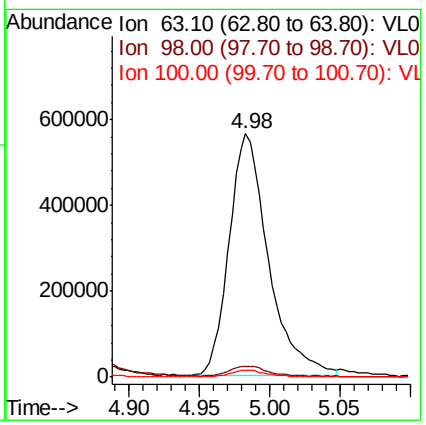


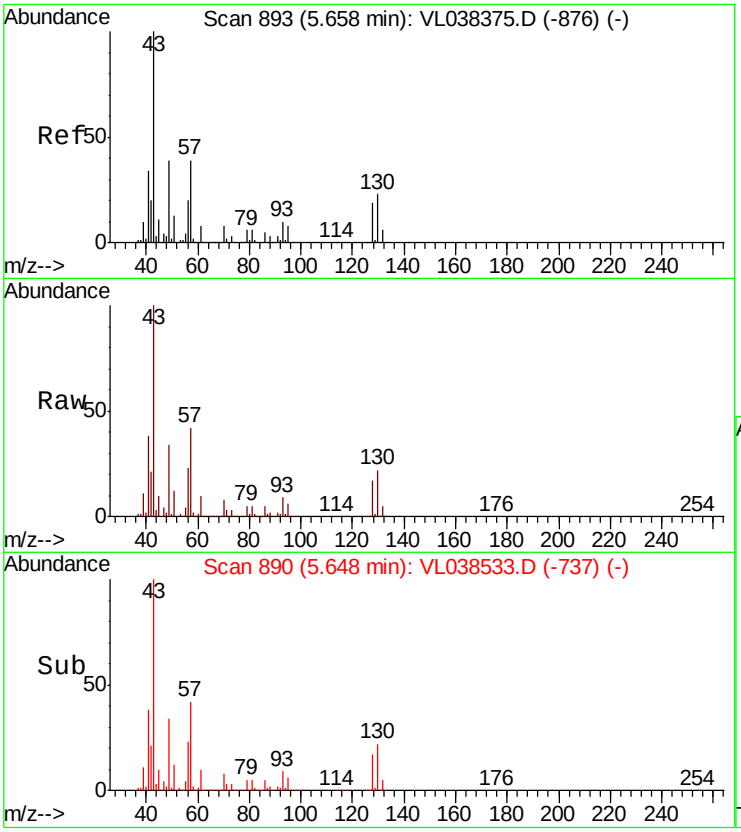




#24
1,1-Dichloroethane
Concen: 10.499 ppbv
RT: 4.98 min Scan# 683
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 63 Resp: 1103535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.0 | 2.1 | 6.5 |
| 100 | 3.0 | 1.4 | 4.2 |



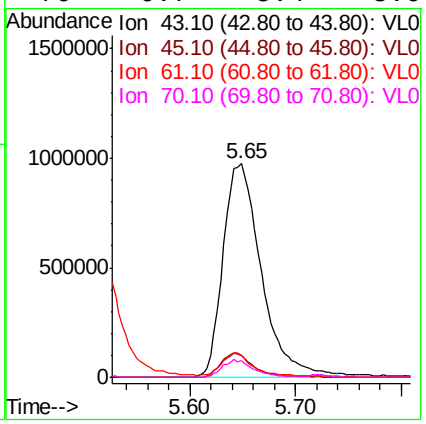


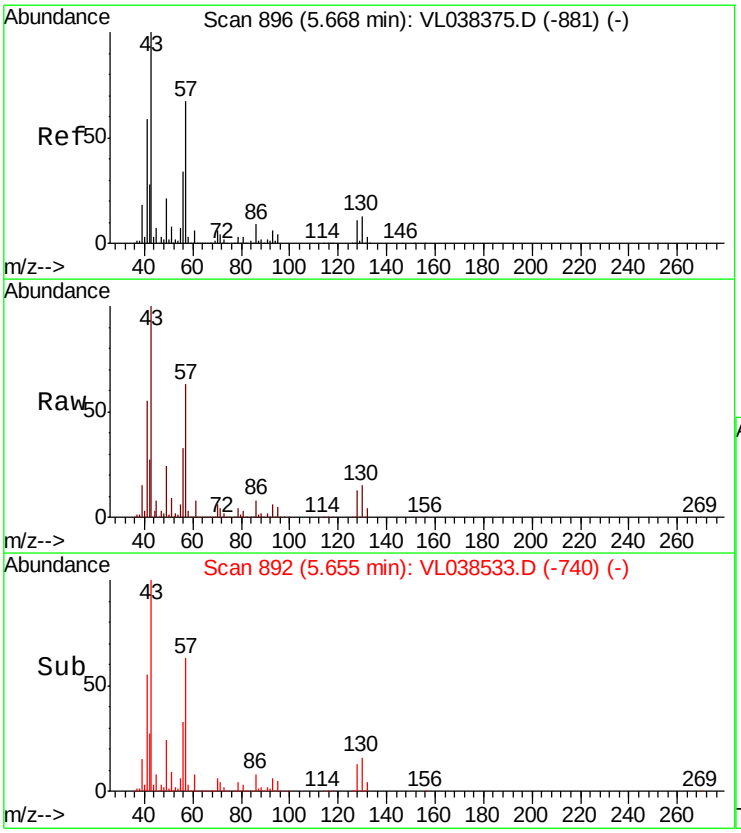

#25
Ethyl Acetate
Concen: 10.302 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 43 Resp: 2441904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 10.0 | 7.8 | 11.6 |
| 61 | 9.5 | 7.5 | 11.3 |
| 70 | 6.7 | 5.4 | 8.0 |

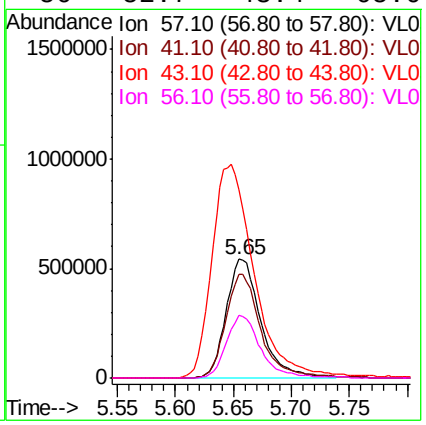


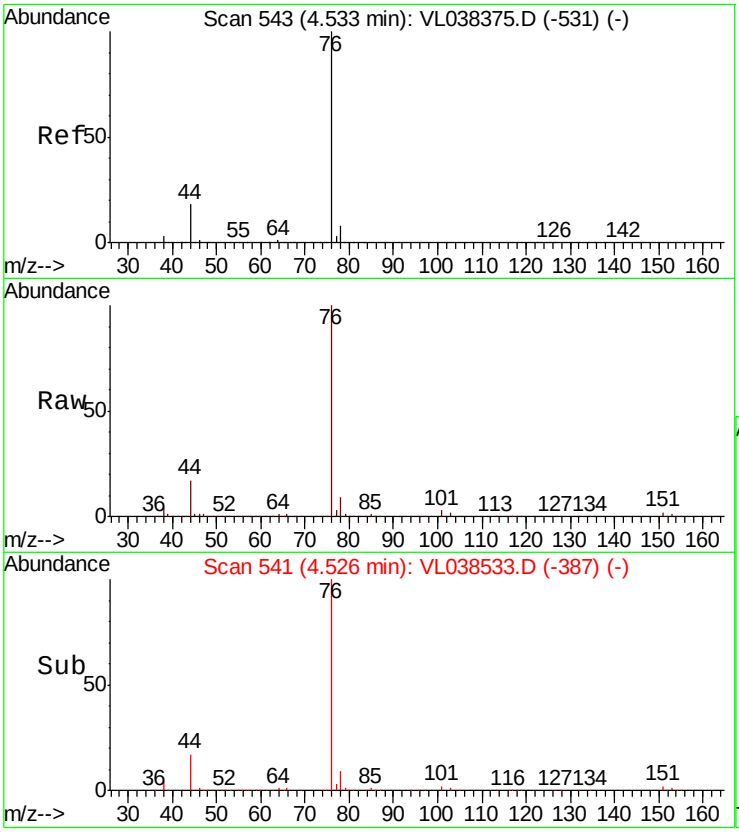




#26
Hexane
Concen: 10.442 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 57 Resp: 1120830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 89.5 | 73.1 | 109.7 |
| 43 | 220.0 | 181.0 | 271.4 |
| 56 | 52.7 | 43.4 | 65.0 |



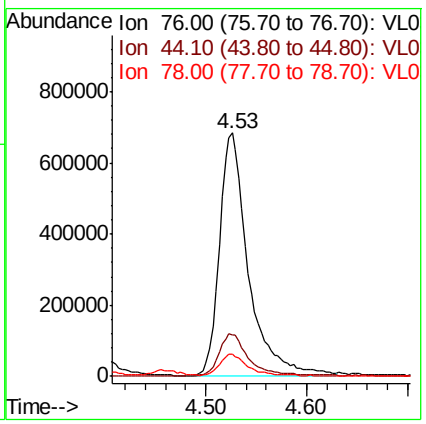


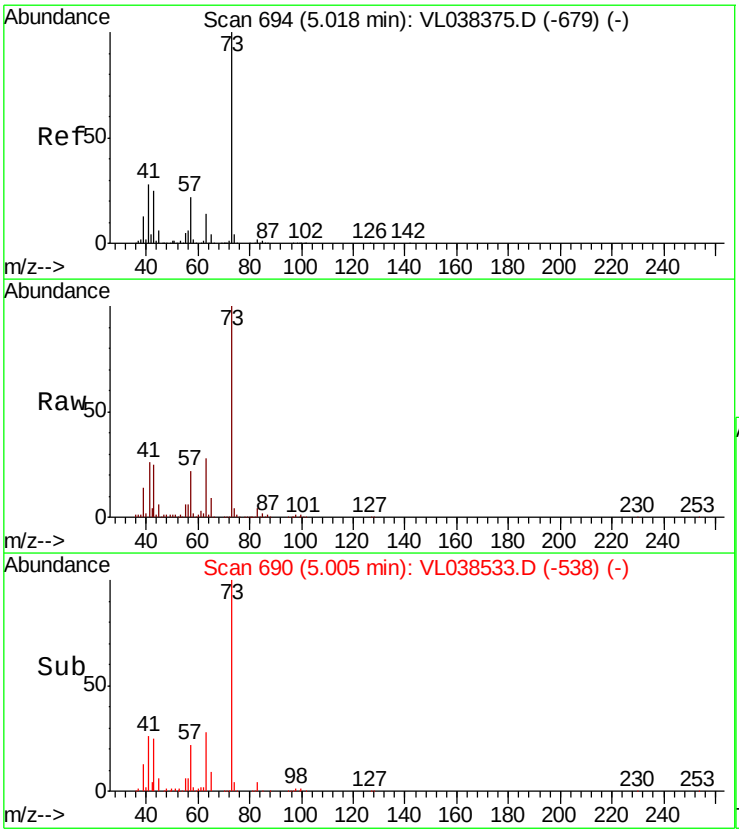

#27
Carbon Disulfide
Concen: 11.456 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1367760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 18.0 | 14.2 | 21.2 |
| 78 | 9.0 | 7.8 | 11.6 |

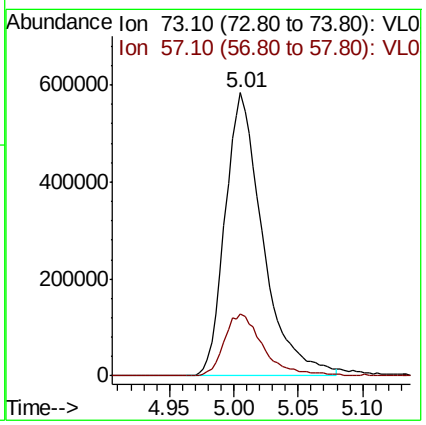


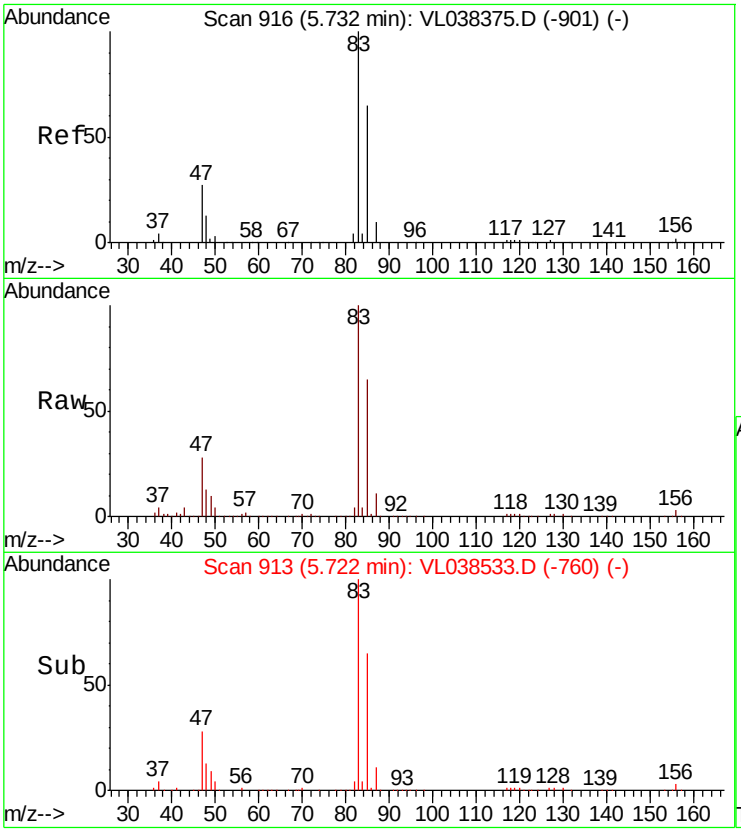




#28
Methyl tert-Butyl Ether
Concen: 10.874 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 73 Resp: 1188839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.9 | 18.2 | 27.4 |



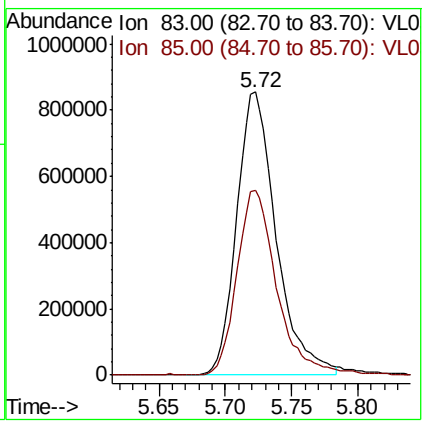


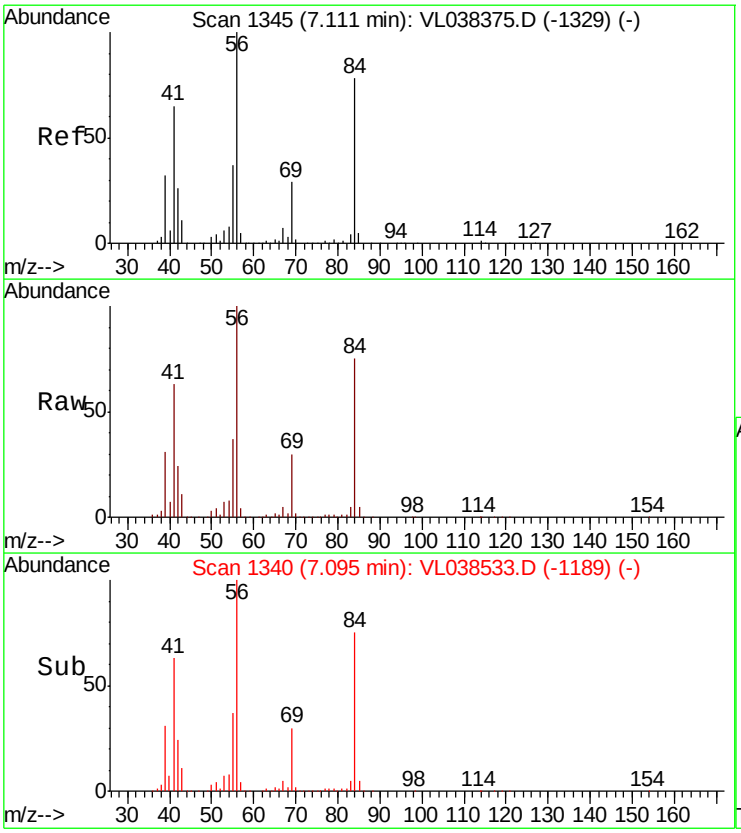

#29
Chloroform
Concen: 10.126 ppbv
RT: 5.72
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 83 Resp: 1774019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 51.6 | 77.4 |

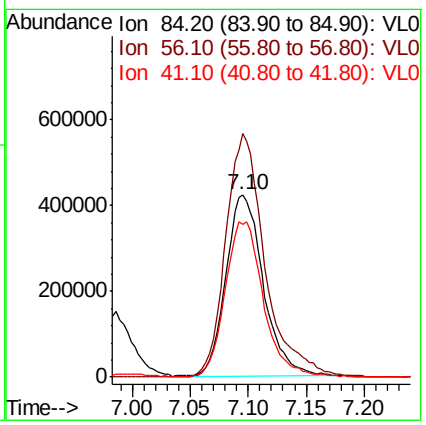


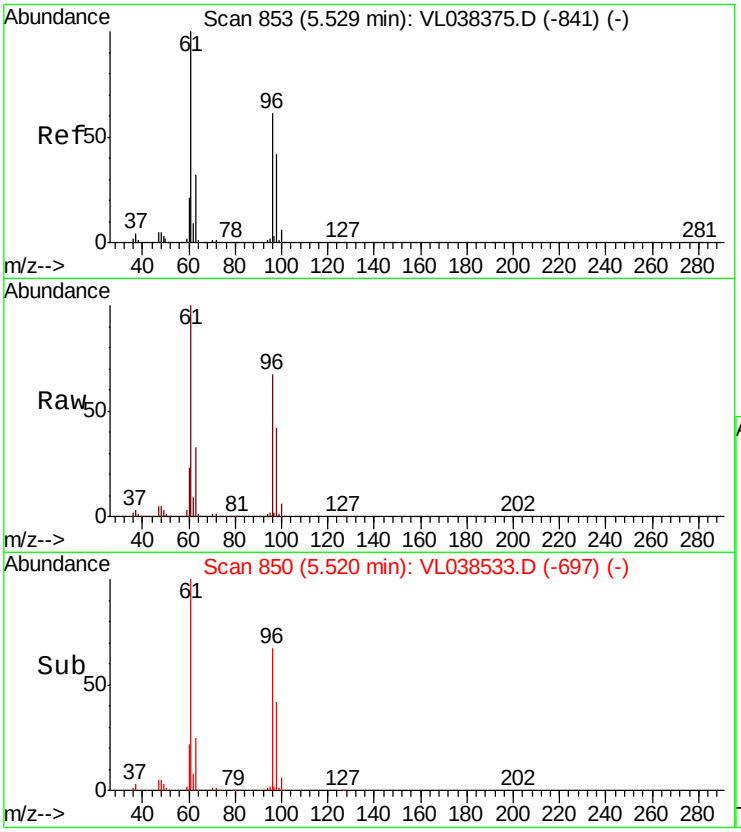




#30
Cyclohexane
Concen: 10.834 ppbv
RT: 7.10 min Scan# 1340
Delta R.T. -0.02 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 84 Resp: 951059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 141.3 | 116.2 | 174.4 |
| 41 | 87.8 | 74.3 | 111.5 |



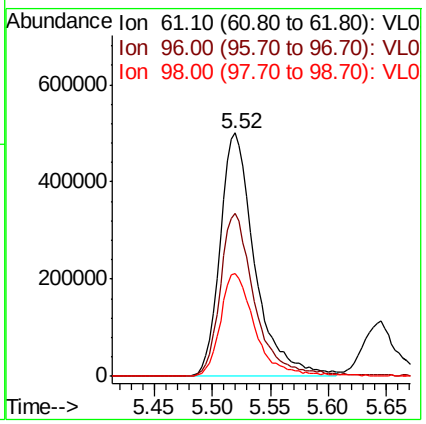


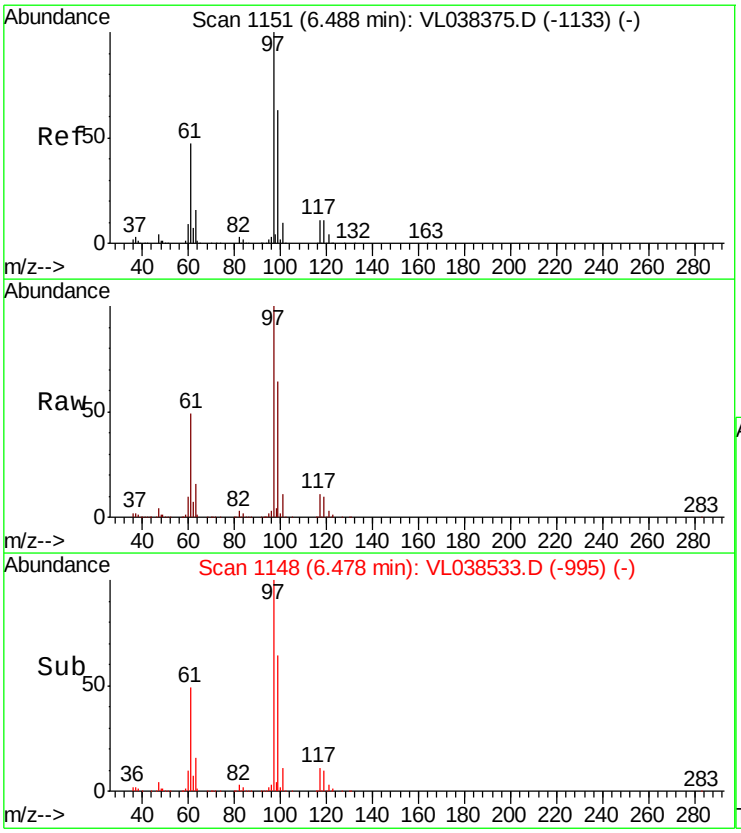

#31
cis-1,2-Dichloroethene
Concen: 9.982 ppbv
RT: 5.52
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 61 Resp: 1038046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 66.7 | 48.6 | 73.0 |
| 98 | 42.4 | 33.2 | 49.8 |

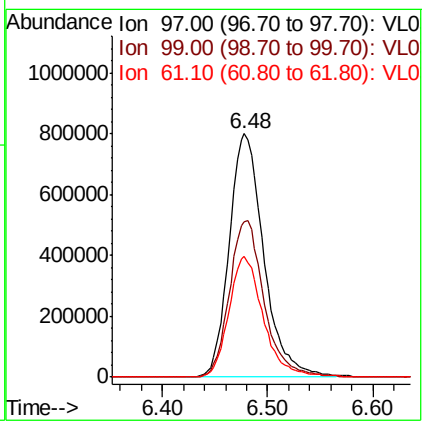


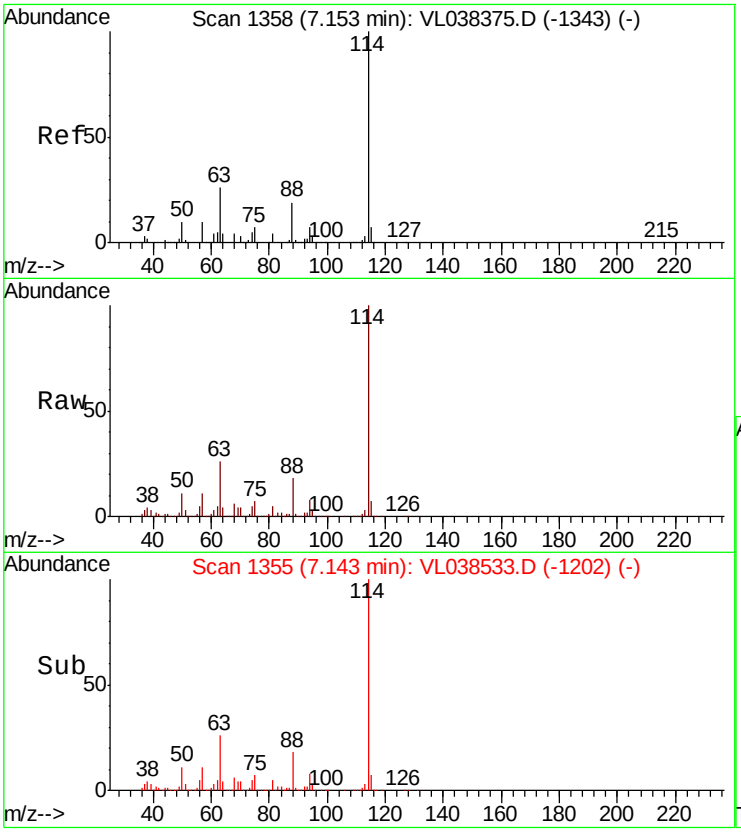




#32
1,1,1-Trichloroethane
Concen: 10.335 ppbv
RT: 6.48 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 97 Resp: 1820908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.7 | 51.9 | 77.9 |
| 61 | 49.4 | 40.5 | 60.7 |



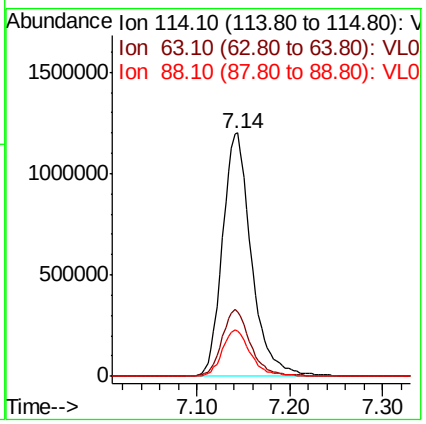


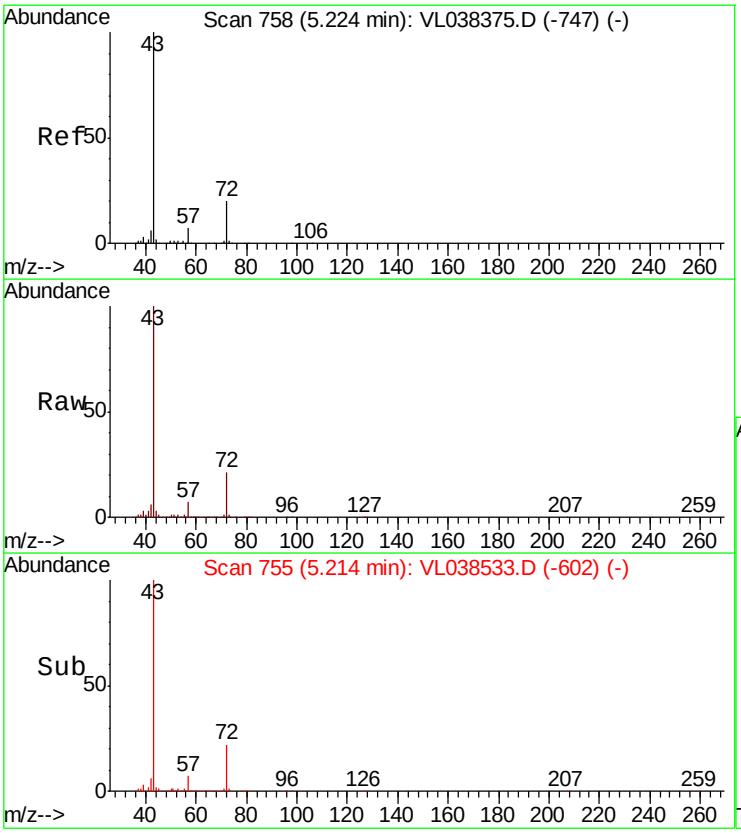

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:114 Resp: 2596248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 27.4 | 22.2 | 33.2 |
| 88 | 18.8 | 15.2 | 22.8 |

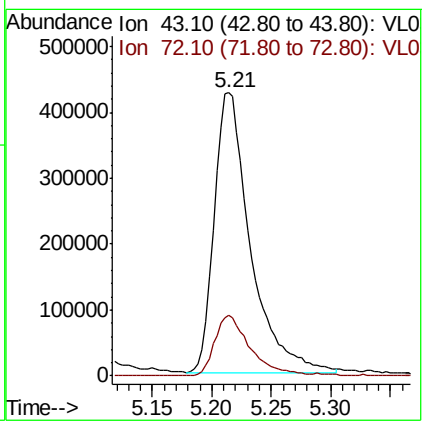


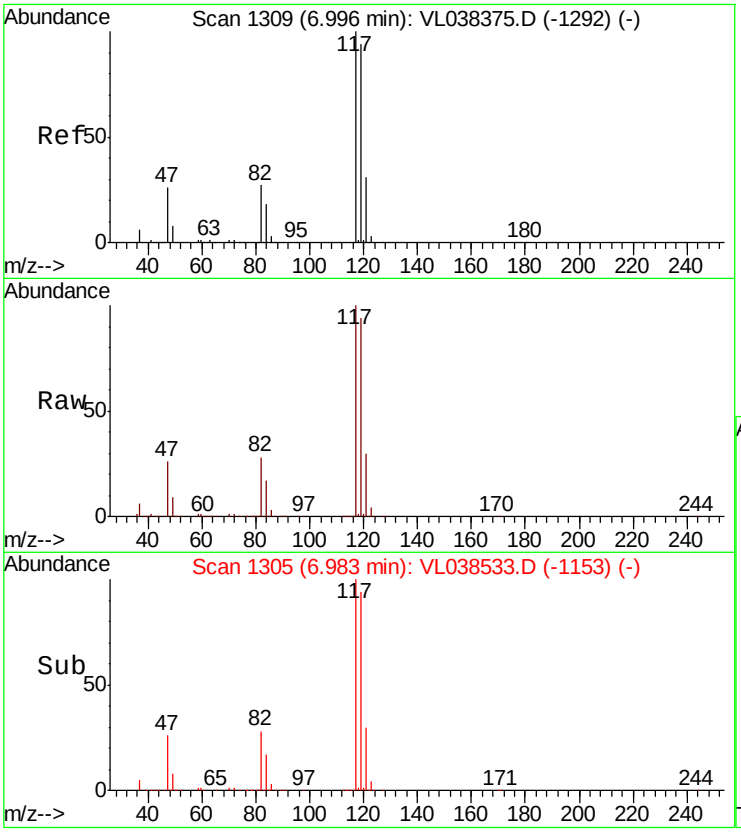




#34
2-Butanone
Concen: 10.930 ppbv
RT: 5.21 min Scan# 755
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 43 Resp: 892505

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



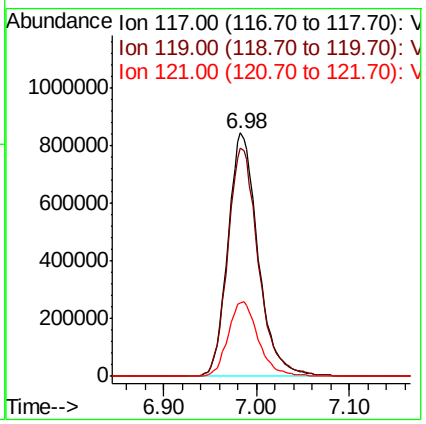


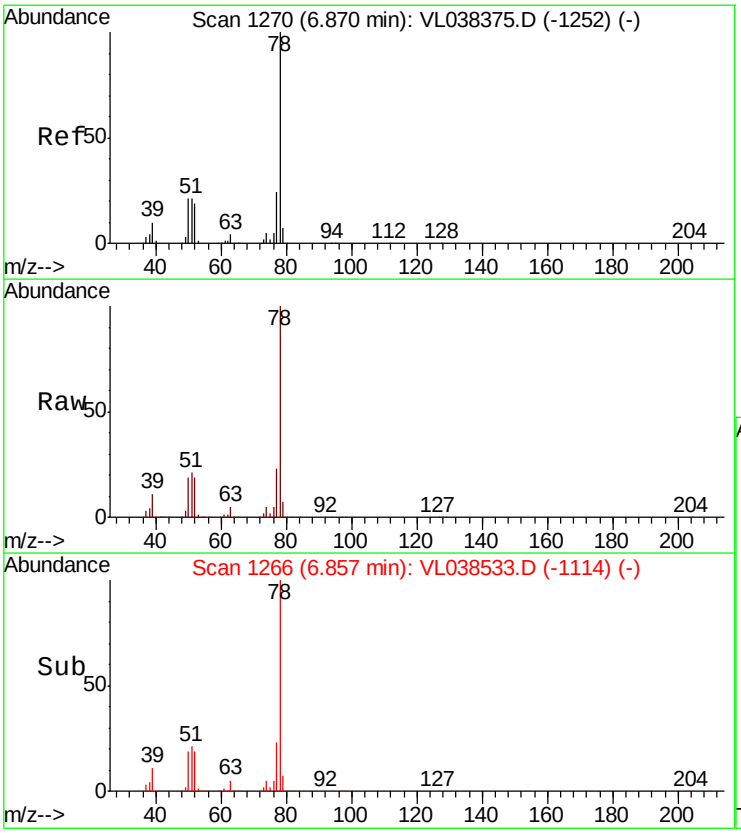

#35
Carbon Tetrachloride
Concen: 10.431 ppbv
RT: 6.98
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:117 Resp: 1904252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.9 | 74.9 | 112.3 |
| 121 | 30.0 | 24.8 | 37.2 |

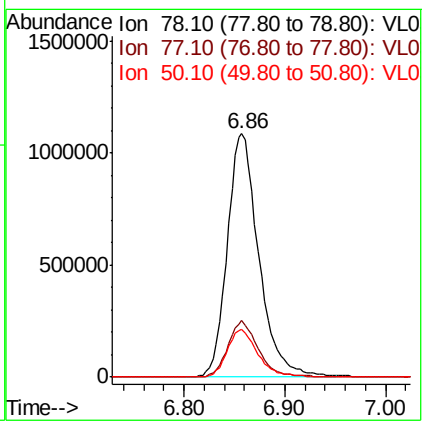


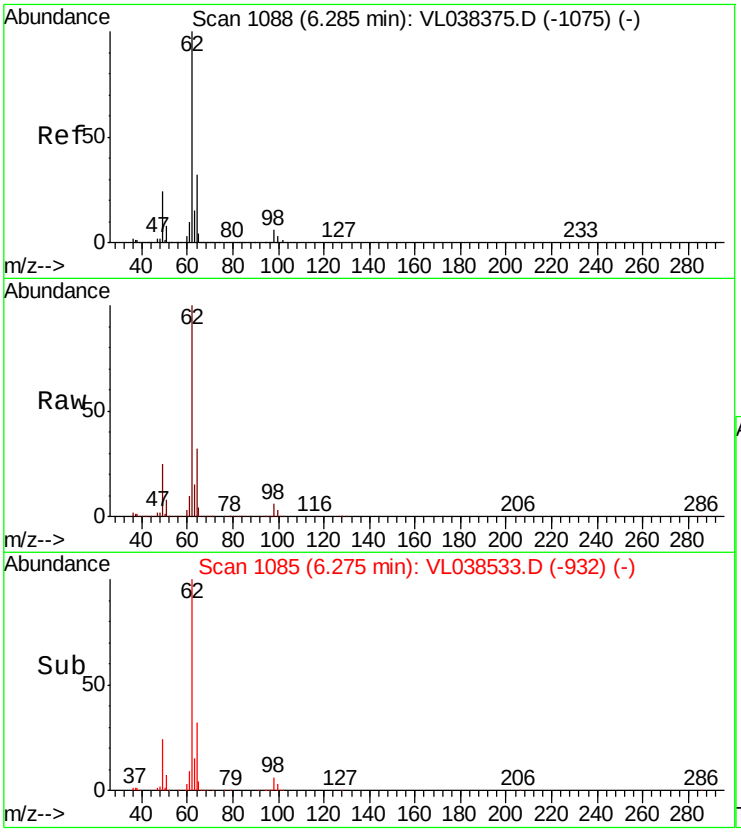




#36
Benzene
Concen: 10.337 ppbv
RT: 6.86 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 78 Resp: 2362549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.3 | 19.0 | 28.6 |
| 50 | 19.4 | 16.6 | 24.8 |



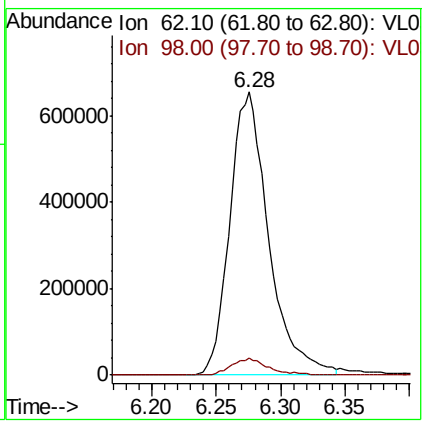


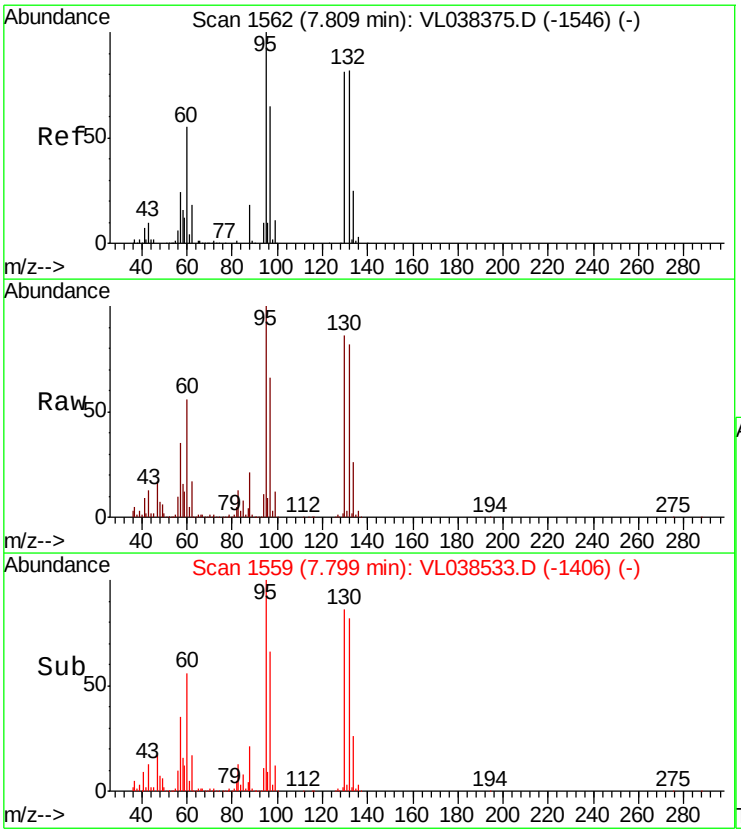

#37
1,2-Dichloroethane
Concen: 10.398 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 62 Resp: 1373293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.9 | 4.6 | 7.0 |

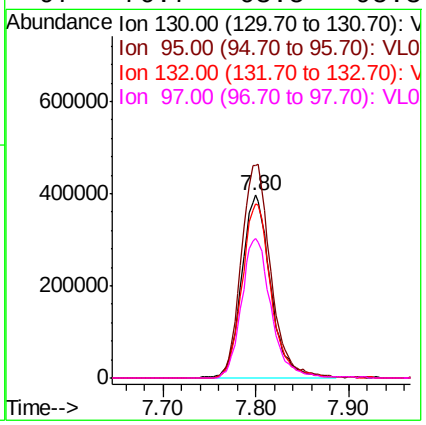


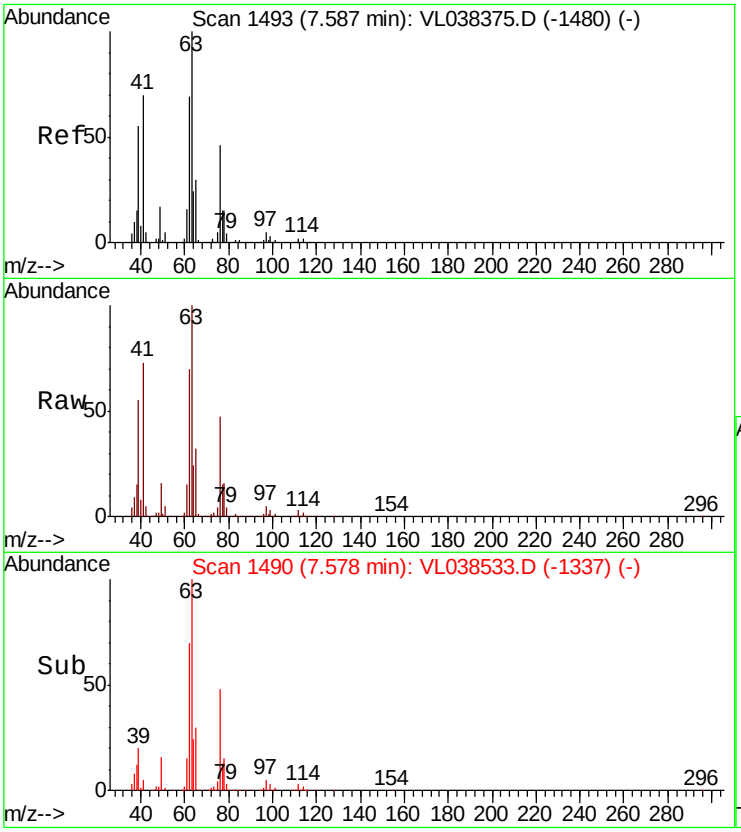




#38
Trichloroethene
Concen: 10.324 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:130 Resp: 859458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 116.6 | 98.1 | 147.1 |
| 132 | 95.7 | 80.3 | 120.5 |
| 97 | 76.7 | 63.5 | 95.3 |



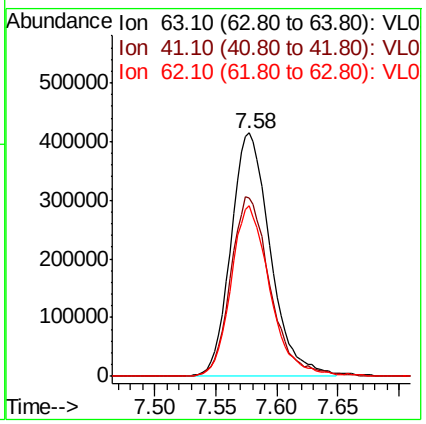


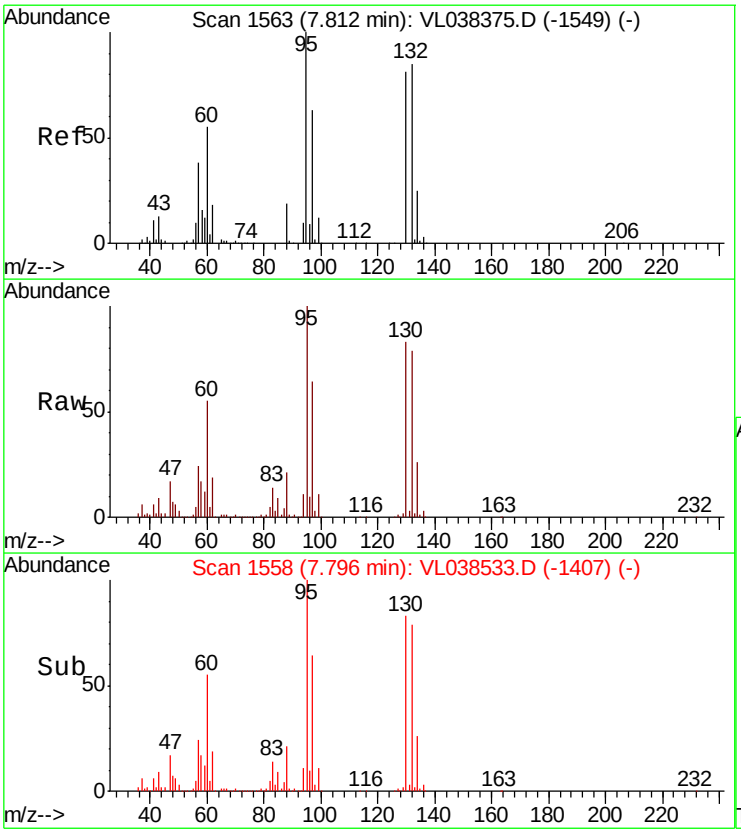

#39
1,2-Dichloropropane
Concen: 10.208 ppbv
RT: 7.58
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 63 Resp: 929306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 73.2 | 56.1 | 84.1 |
| 62 | 69.7 | 55.5 | 83.3 |

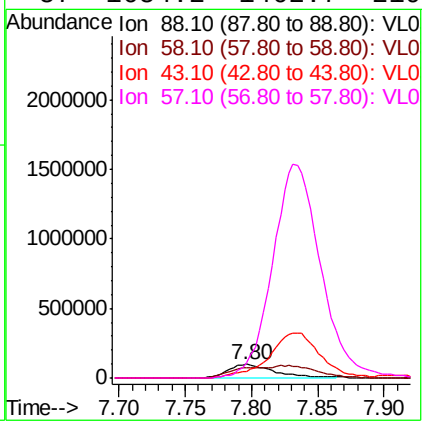


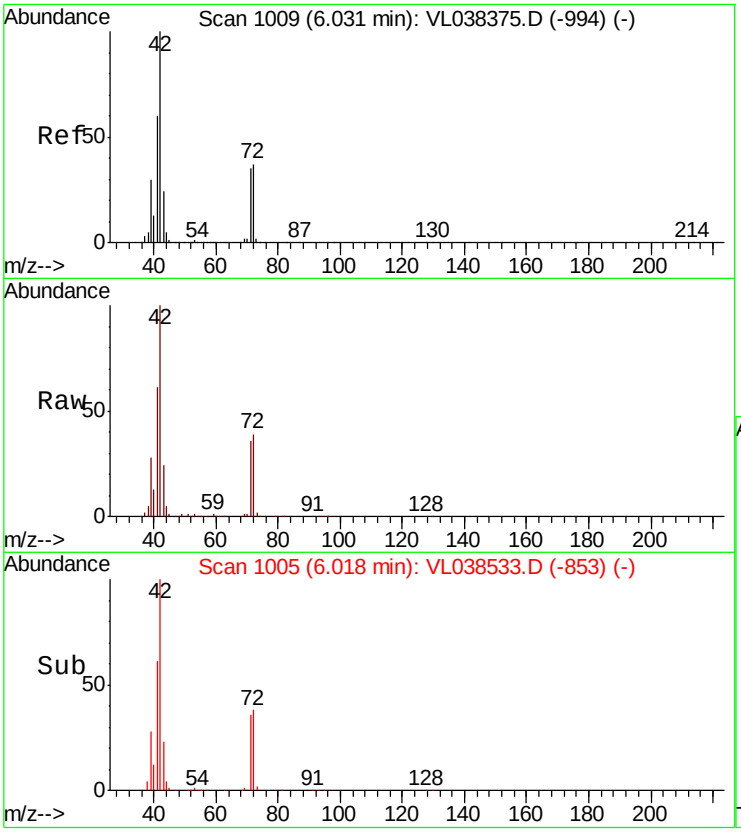




#40
1,4-Dioxane
Concen: 11.039 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 88 Resp: 238369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 153.3 | 133.2 | 199.8 |
| 43 | 382.5 | 330.6 | 496.0 |
| 57 | 1654.2 | 1462.7 | 2194.1 |



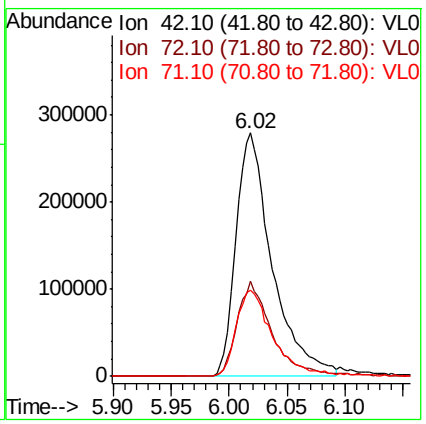


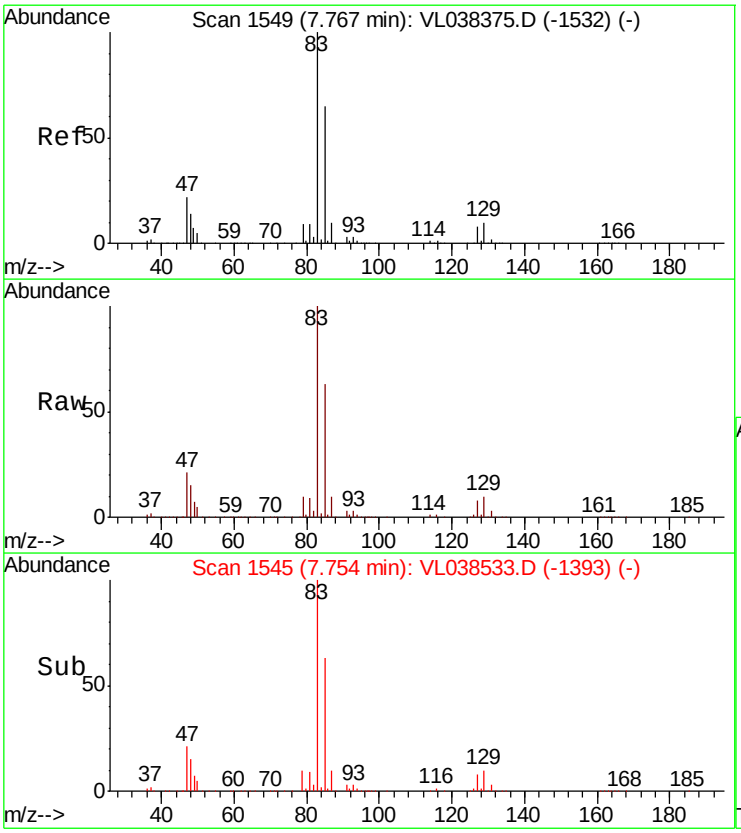

#41
Tetrahydrofuran
Concen: 10.922 ppbv
RT: 6.02
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 42 Resp: 602555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.2 | 29.9 | 44.9 |
| 71 | 36.8 | 28.6 | 42.8 |

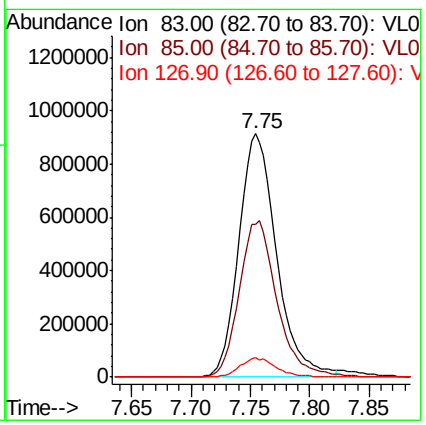


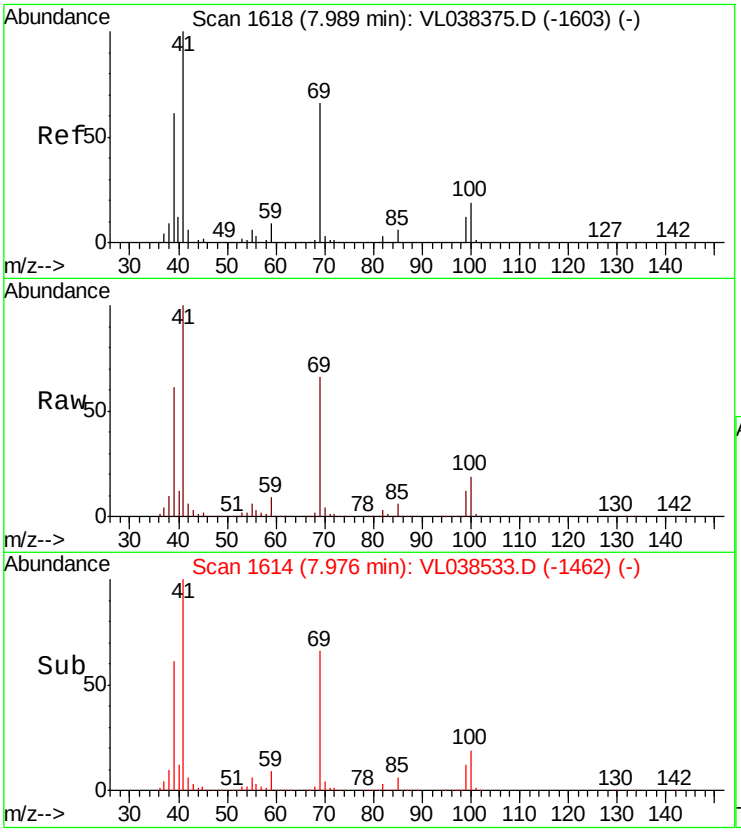




#42
Bromodichloromethane
Concen: 10.534 ppbv
RT: 7.75 min Scan# 1545
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 83 Resp: 2008958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.9 | 52.2 | 78.4 |
| 127 | 7.9 | 6.2 | 9.4 |



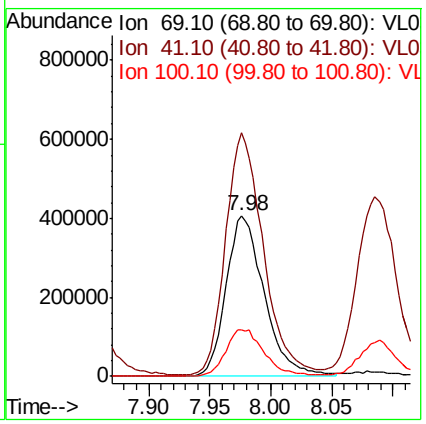


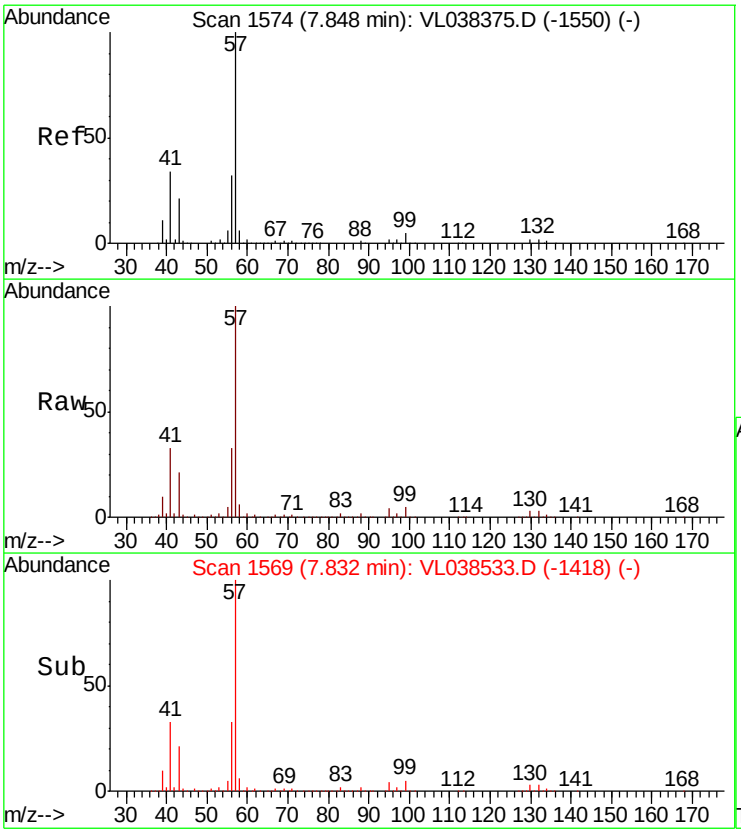

#43
Methyl Methacrylate
Concen: 11.106 ppbv
RT: 7.98
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 69 Resp: 882436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 150.8 | 122.9 | 184.3 |
| 100 | 29.5 | 23.6 | 35.4 |

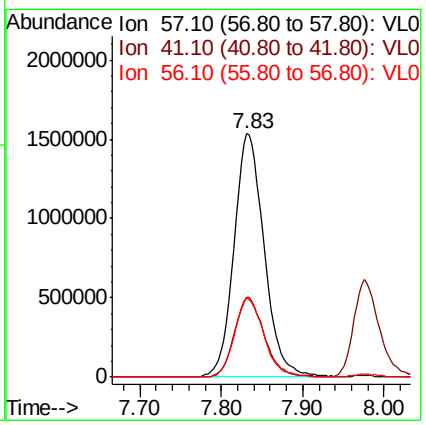


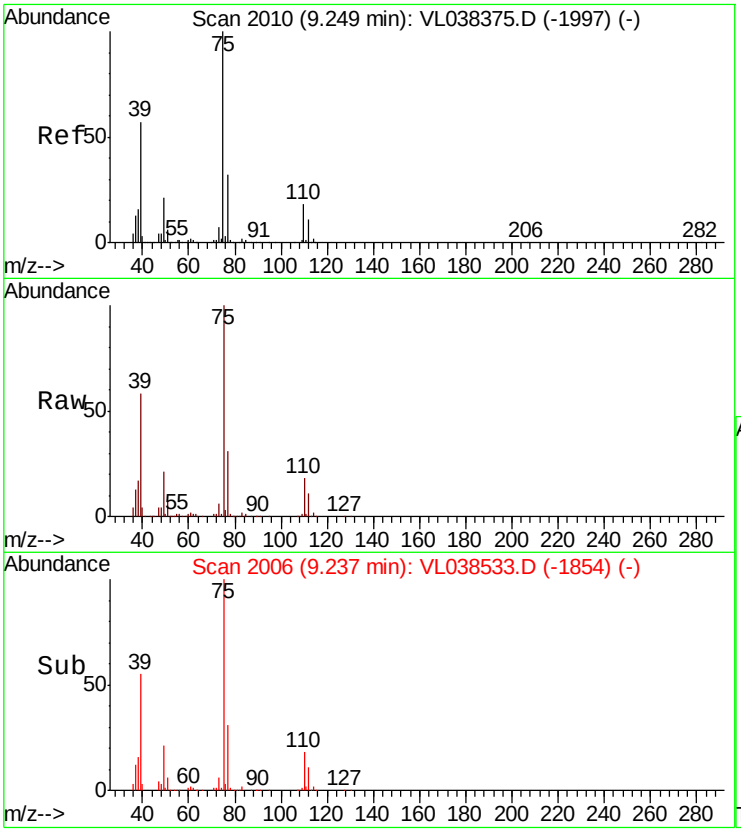




#44
2,2,4-Trimethylpentane
Concen: 10.024 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.02 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 57 Resp: 3938064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 32.5 | 26.6 | 39.8 |
| 56 | 31.6 | 25.0 | 37.6 |



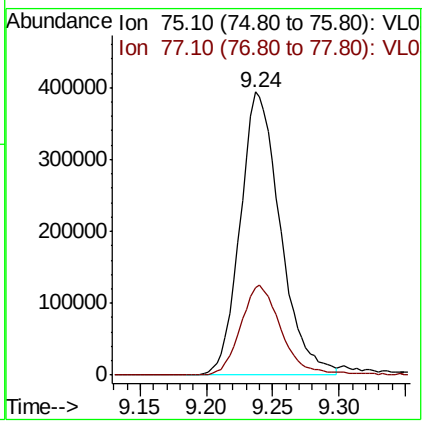


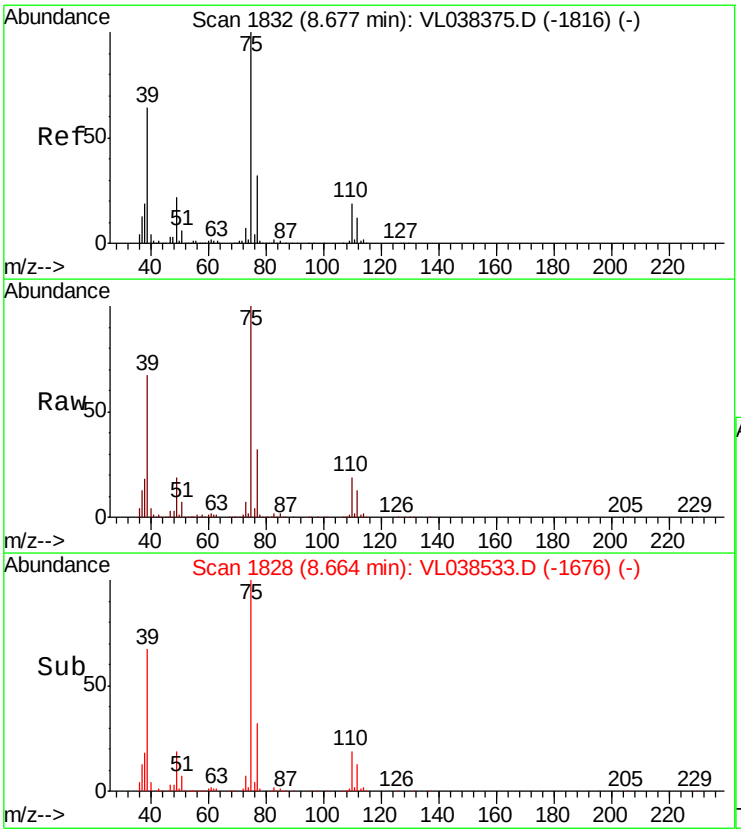

#45
t-1,3-Dichloropropene
Concen: 13.067 ppbv
RT: 9.24
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 75 Resp: 829769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 25.4 | 38.0 |

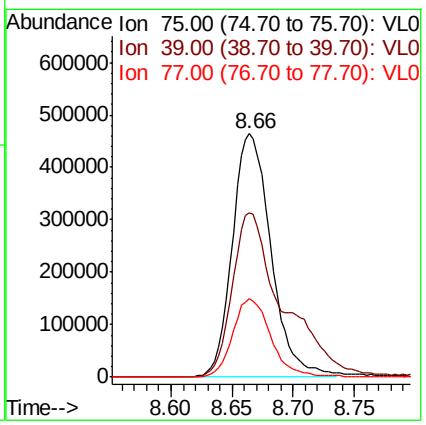


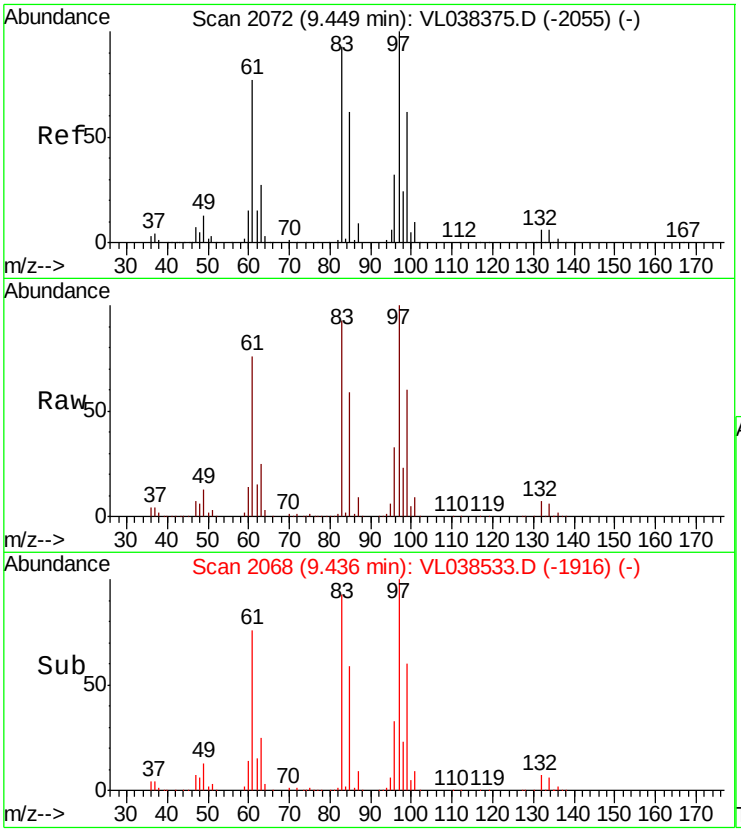




#46
cis-1,3-Dichloropropene
Concen: 12.222 ppbv
RT: 8.66 min Scan# 1828
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 75 Resp: 1017163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 67.3 | 51.4 | 77.2 |
| 77 | 32.2 | 25.4 | 38.2 |



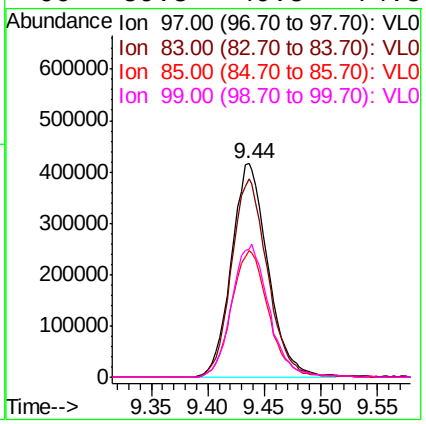


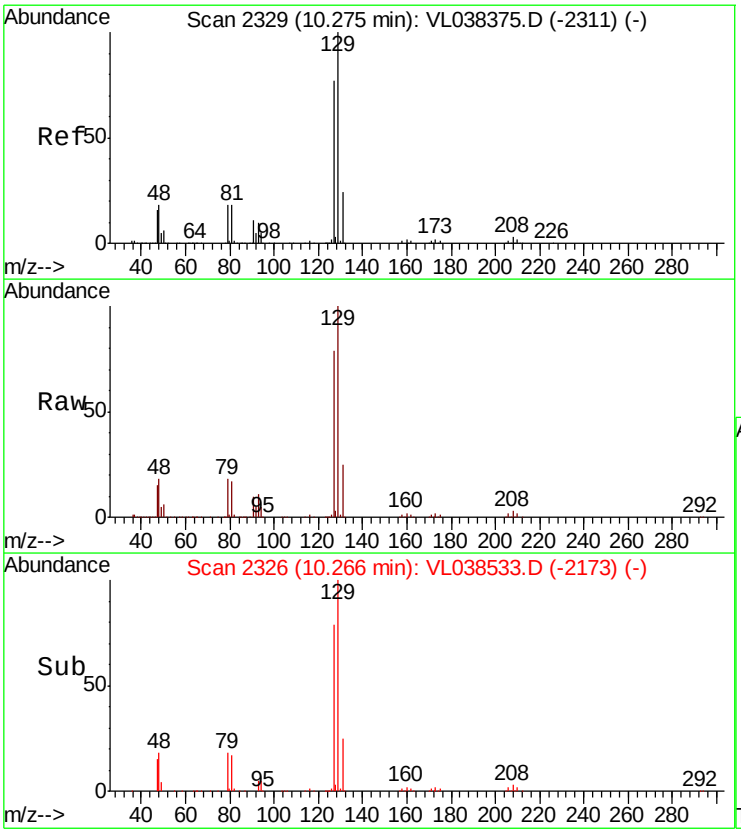

#47
1,1,2-Trichloroethane
Concen: 10.332 ppbv
RT: 9.44
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 97 Resp: 935760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 92.7 | 74.2 | 111.4 |
| 85 | 59.3 | 49.8 | 74.8 |
| 99 | 59.8 | 49.5 | 74.3 |

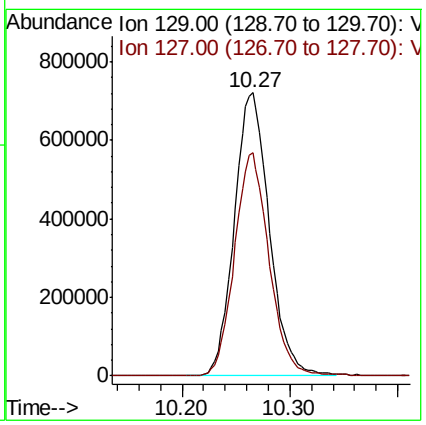


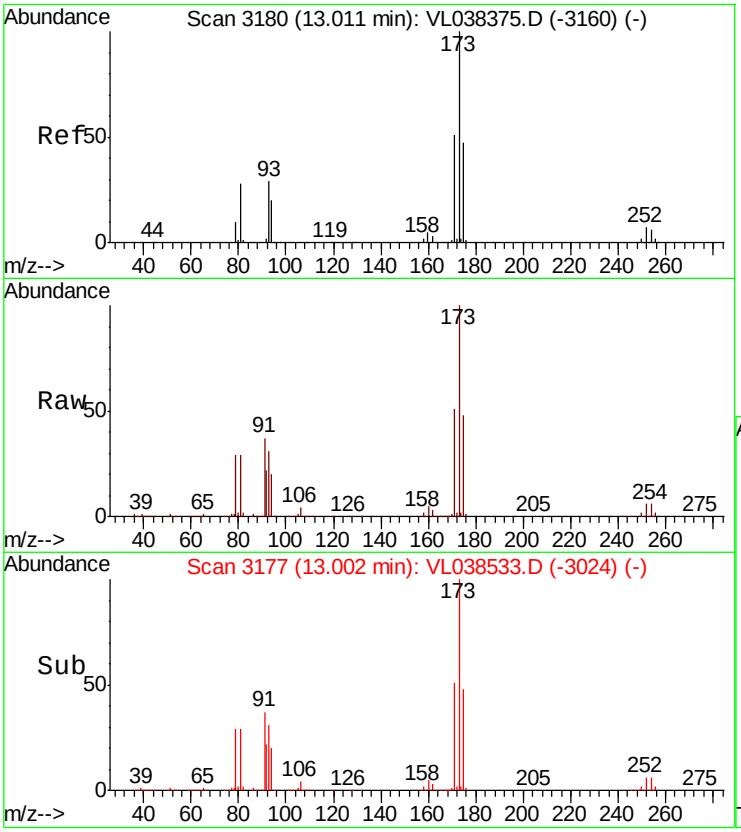




#48
Dibromochloromethane
Concen: 11.002 ppbv
RT: 10.27 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:129 Resp: 1629388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.1 | 39.4 | 118.1 |



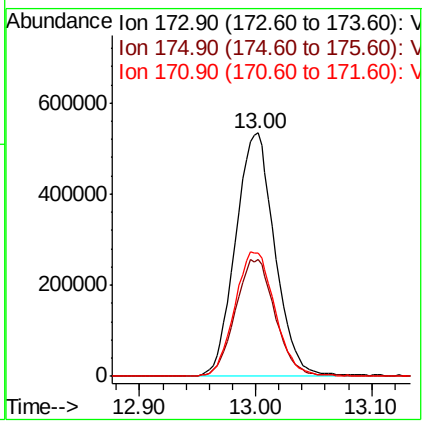


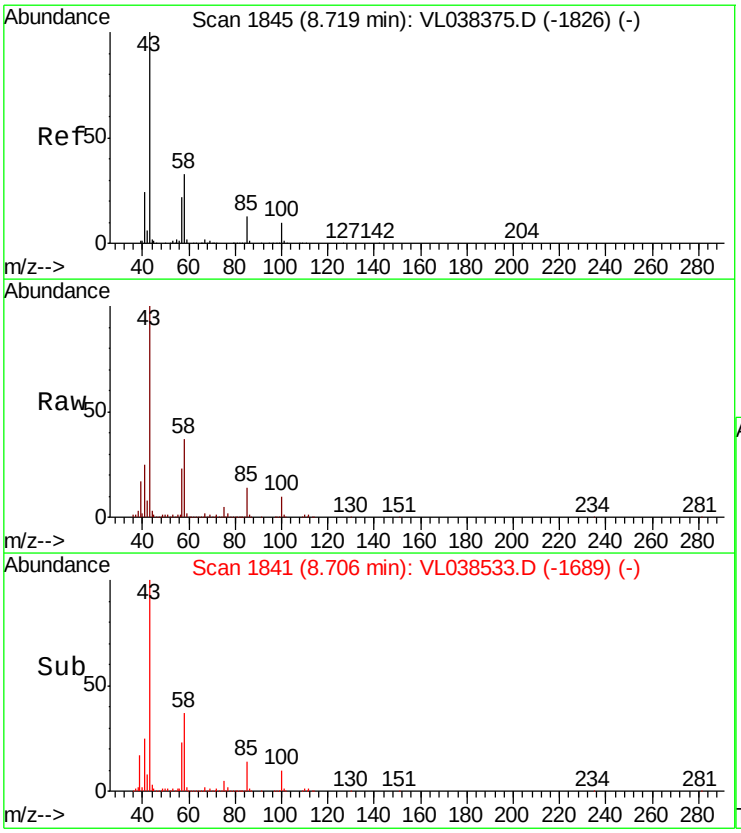

#49
Bromoform
Concen: 11.479 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 1254831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 40.2 | 60.2 |
| 171 | 52.8 | 42.7 | 64.1 |

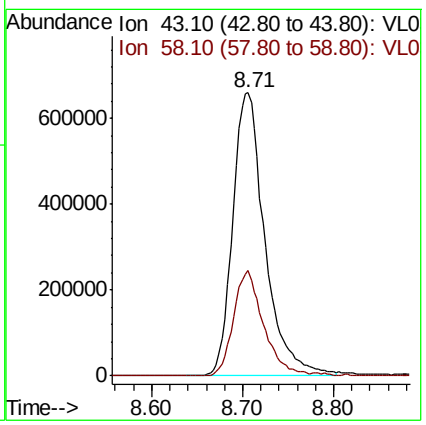


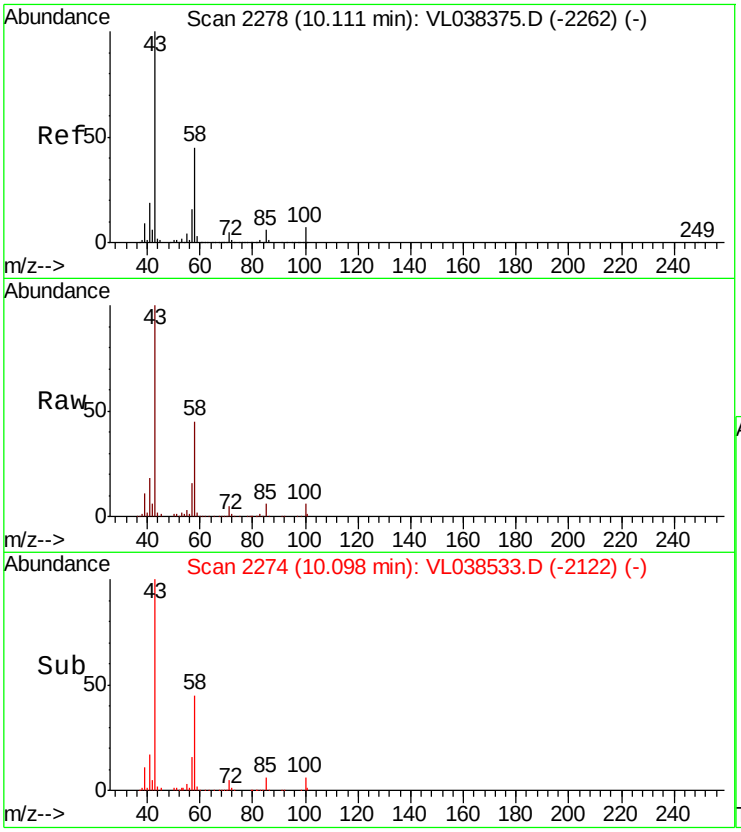




#50
4-Methyl-2-Pentanone
Concen: 11.226 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 43 Resp: 1620705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.6 | 27.7 | 41.5 |



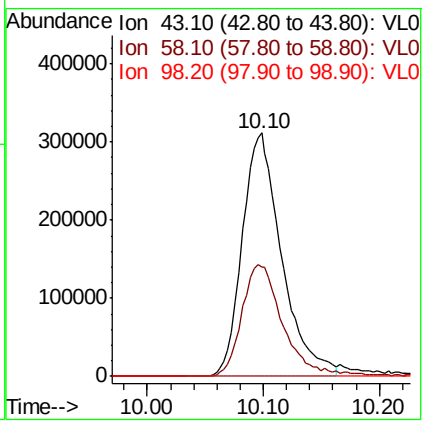


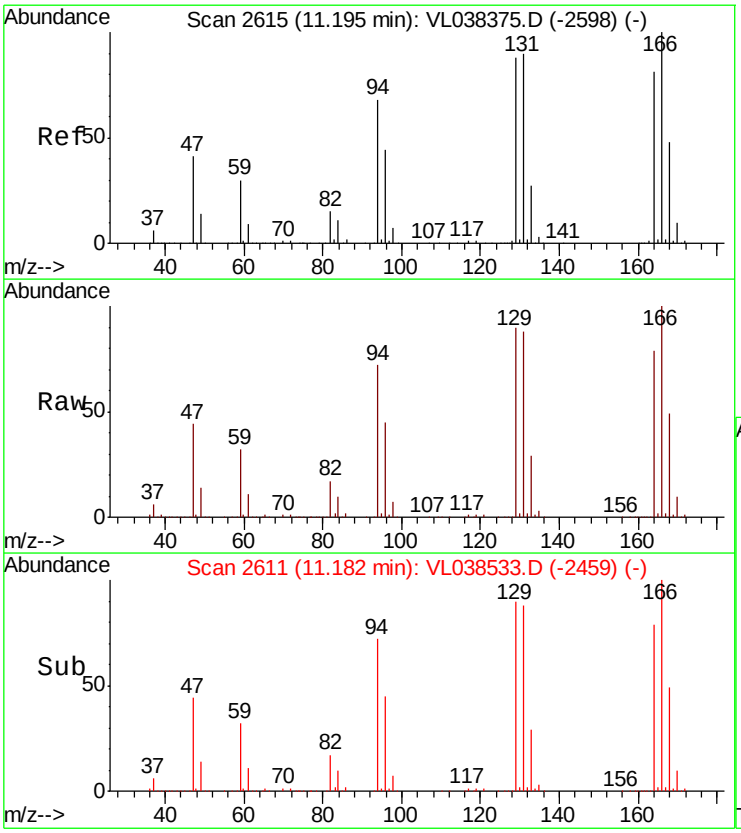

#51
2-Hexanone
Concen: 11.408 ppbv
RT: 10.10
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 737340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 48.5 | 37.4 | 56.0 |
| 98 | 0.5 | 0.1 | 0.1# |

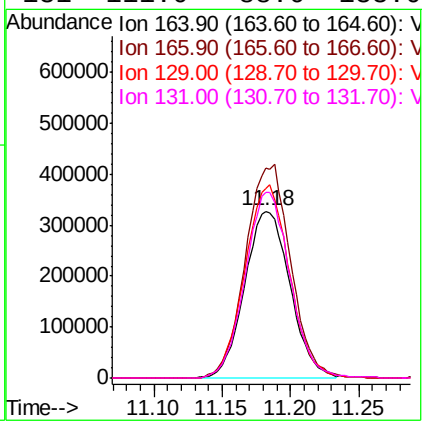


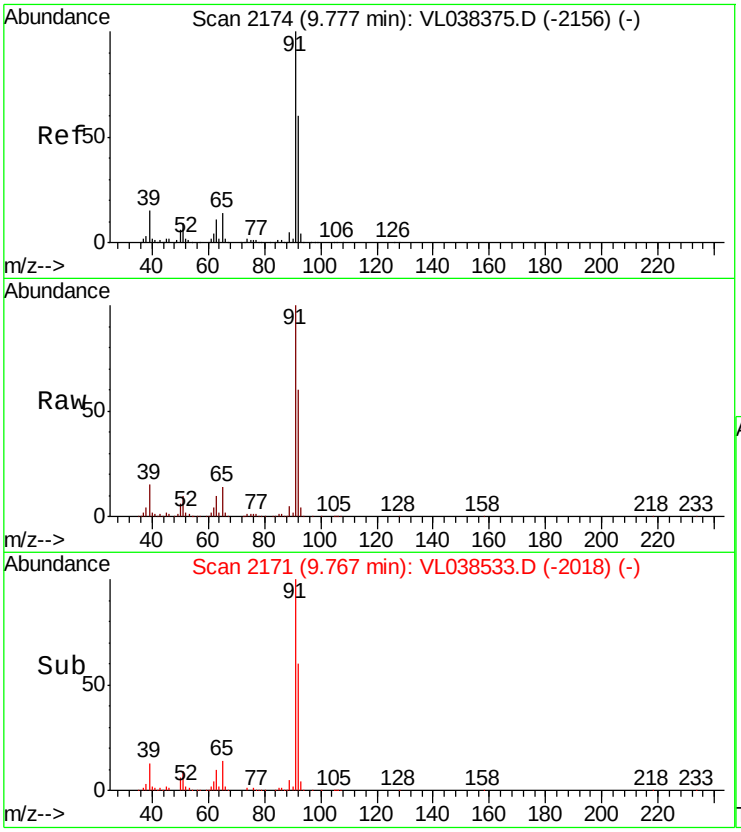




#52
Tetrachloroethene
Concen: 9.952 ppbv
RT: 11.18 min Scan# 2611
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:164 Resp: 755132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.0 | 98.6 | 148.0 |
| 129 | 113.7 | 86.9 | 130.3 |
| 131 | 111.0 | 88.6 | 133.0 |



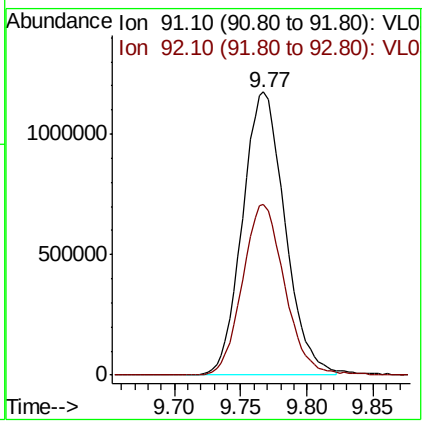


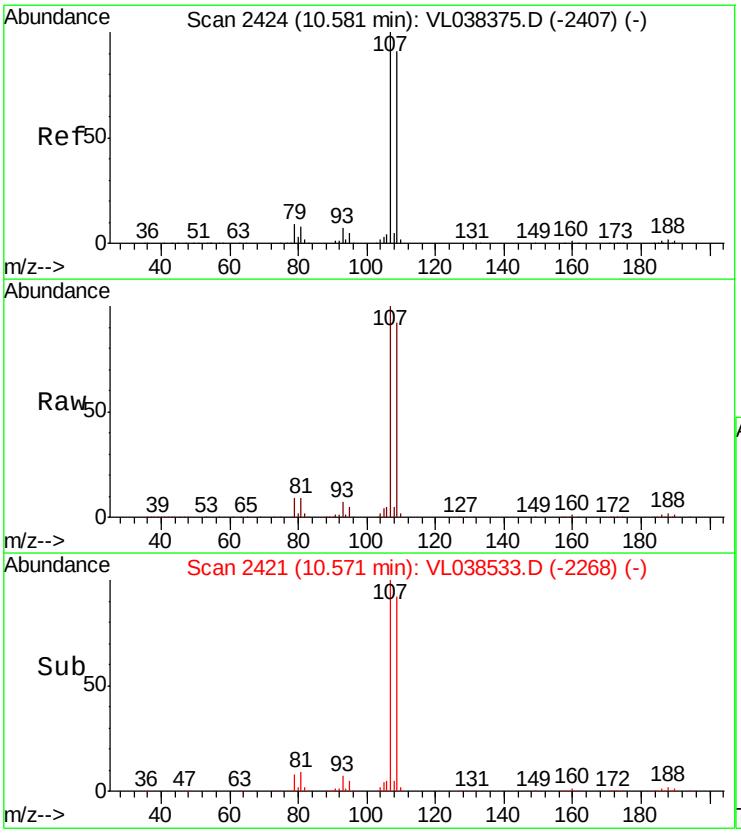

#53
Toluene
Concen: 10.558 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 91 Resp: 2620116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.2 | 48.2 | 72.4 |

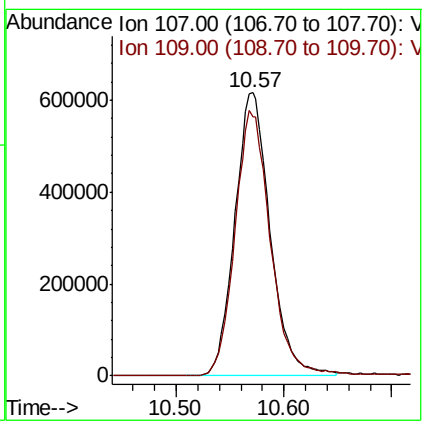


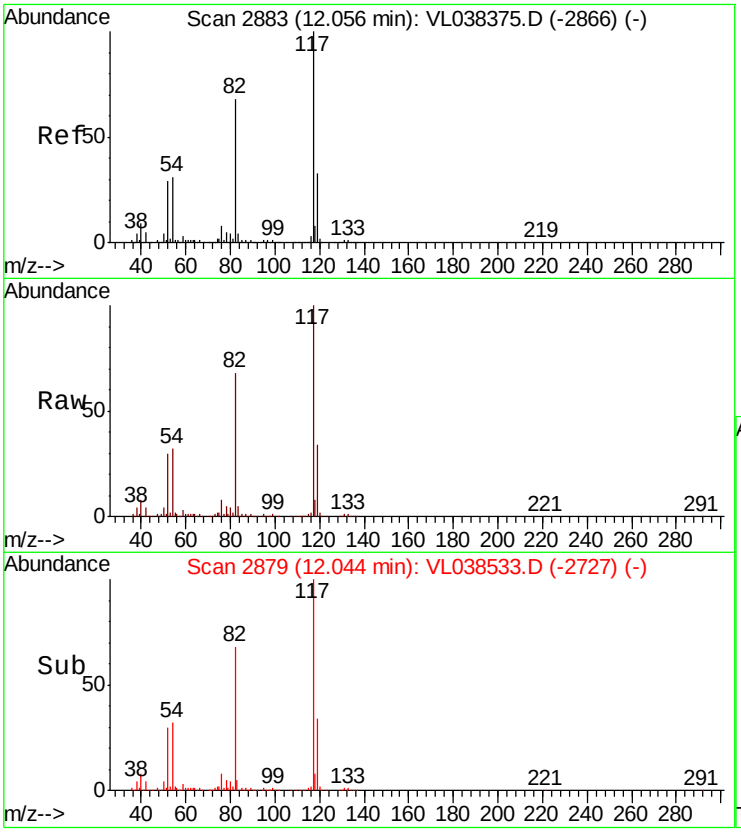




#54
1,2-Dibromoethane
Concen: 11.021 ppbv
RT: 10.57 min Scan# 2421
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:107 Resp: 1405117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 91.7 | 73.0 | 109.6 |



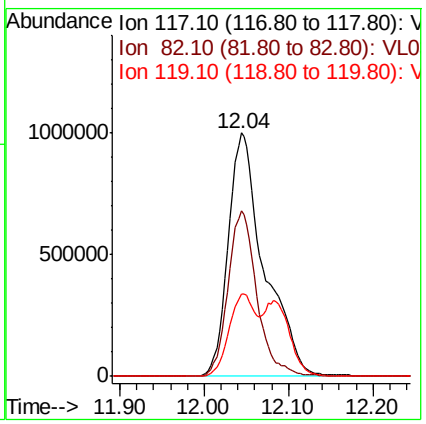


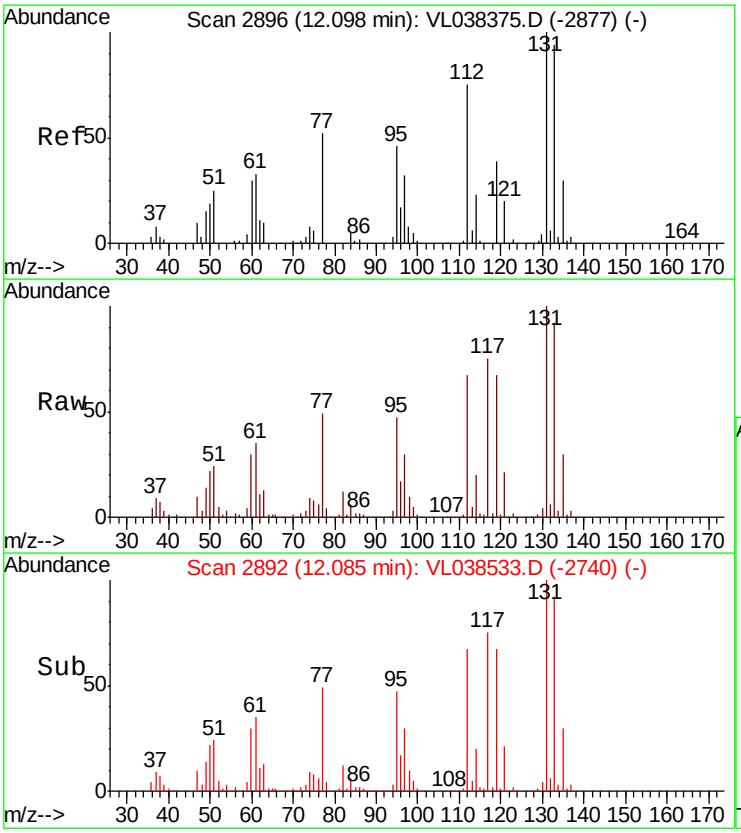

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:117 Resp: 2968982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.7 | 54.9 | 82.3# |
| 119 | 24.1 | 46.1 | 69.1# |

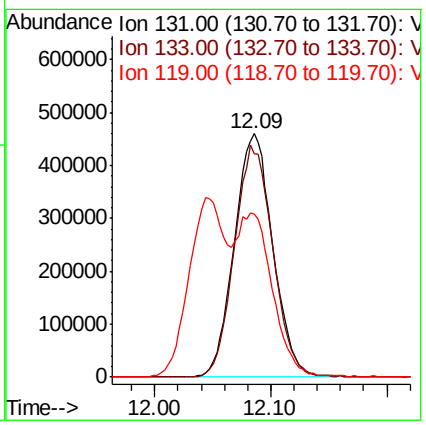


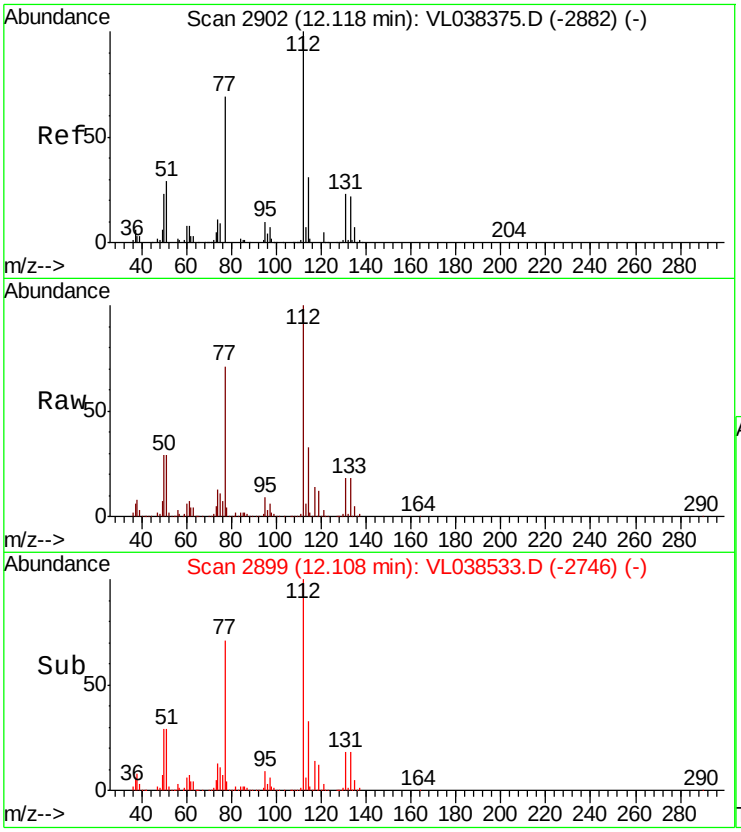




#56
1,1,1,2-Tetrachloroethane
Concen: 8.558 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:131 Resp: 1059088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.5 | 77.3 | 115.9 |
| 119 | 58.2 | 48.6 | 73.0 |



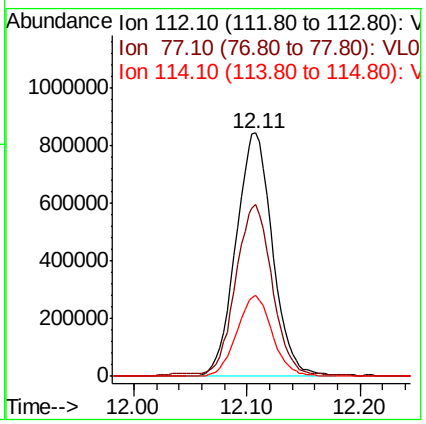


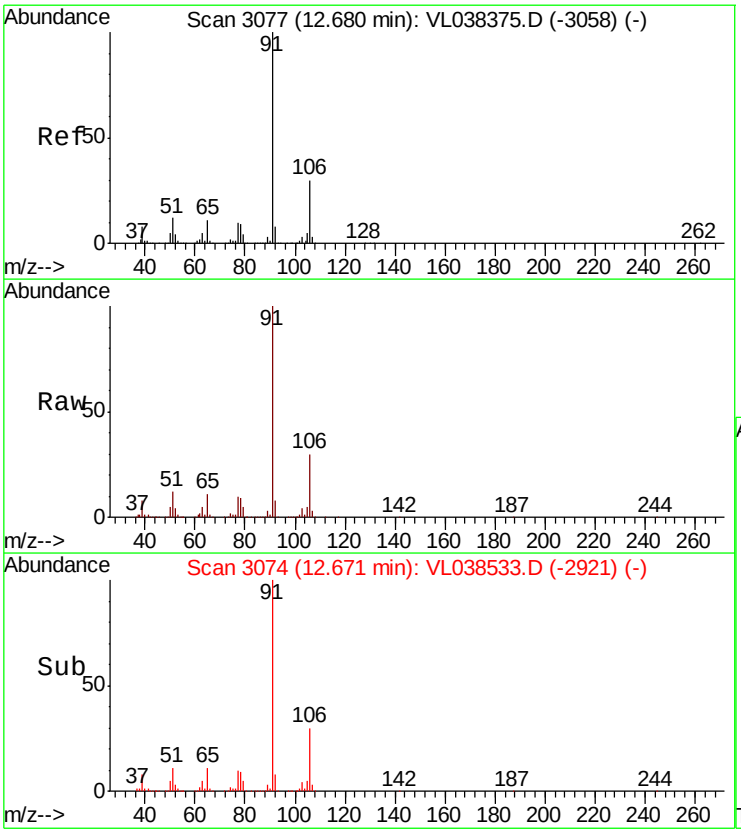

#57
Chlorobenzene
Concen: 8.273 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:112 Resp: 1895226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 70.1 | 55.2 | 82.8 |
| 114 | 33.1 | 27.9 | 34.1 |

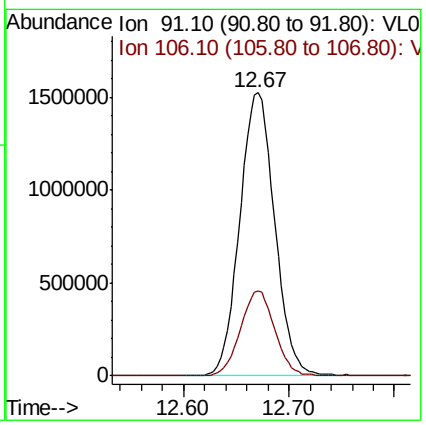


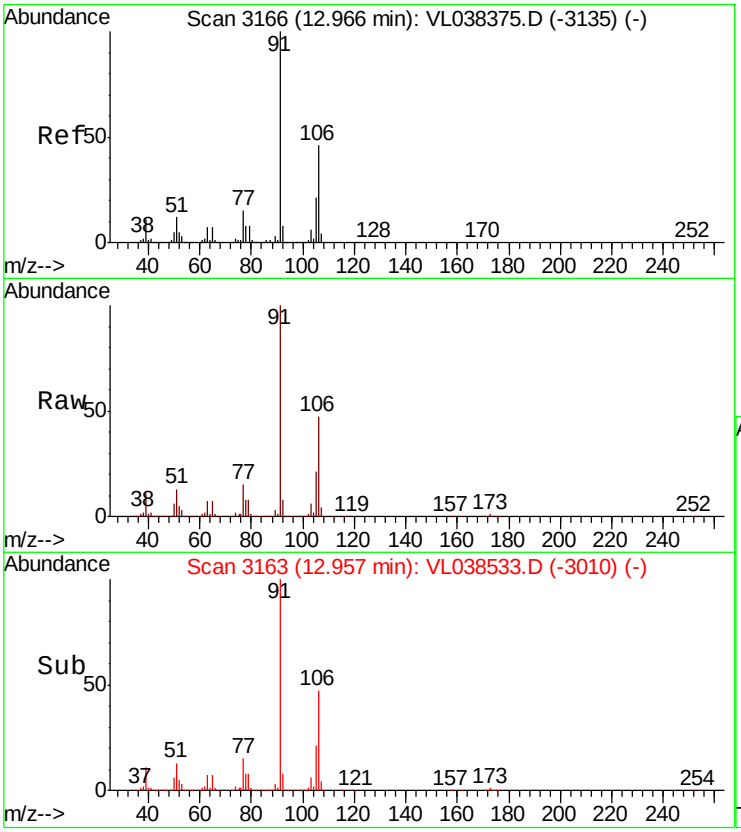




#58
Ethyl Benzene
Concen: 8.659 ppbv
RT: 12.67 min Scan# 3074
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 91 Resp: 3515383

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



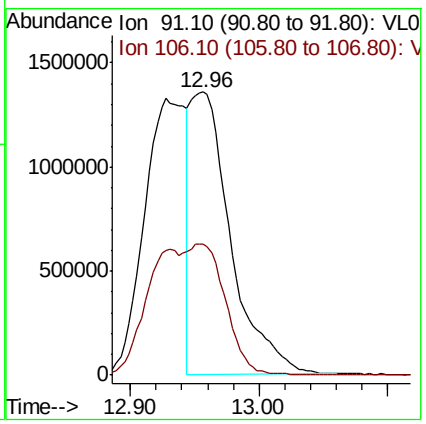


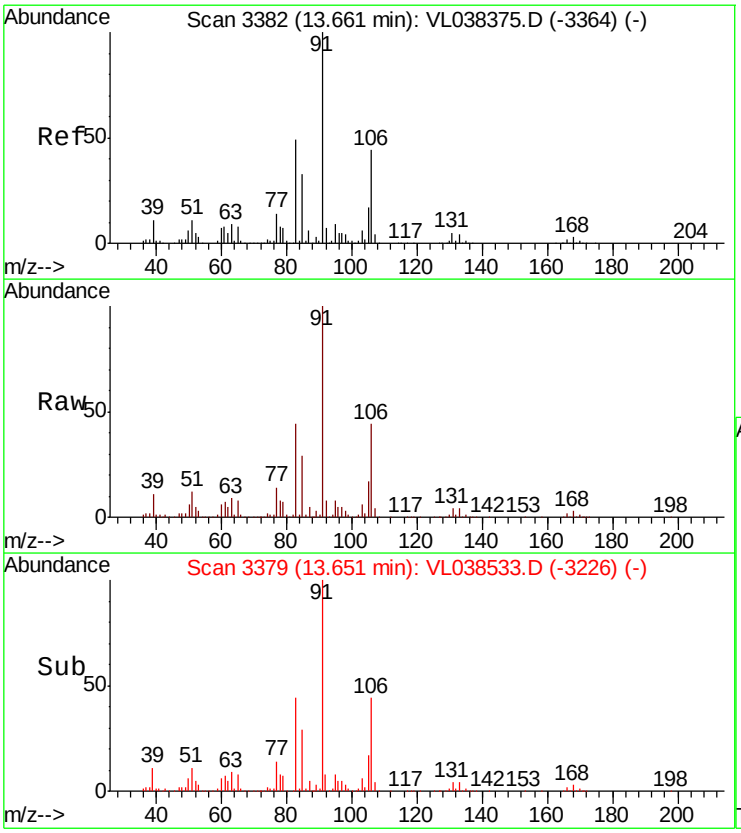

#59
m/p-Xylene
Concen: 8.413 ppbv
RT: 12.96
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2933508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 86.3 | 34.4 | 51.6# |

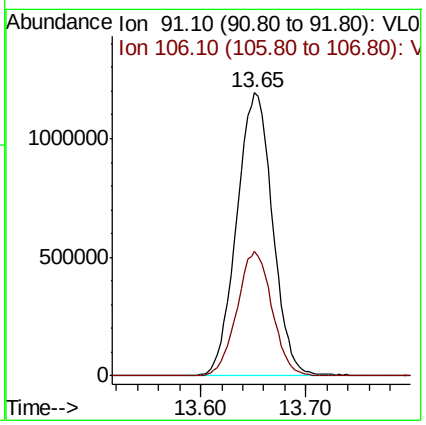


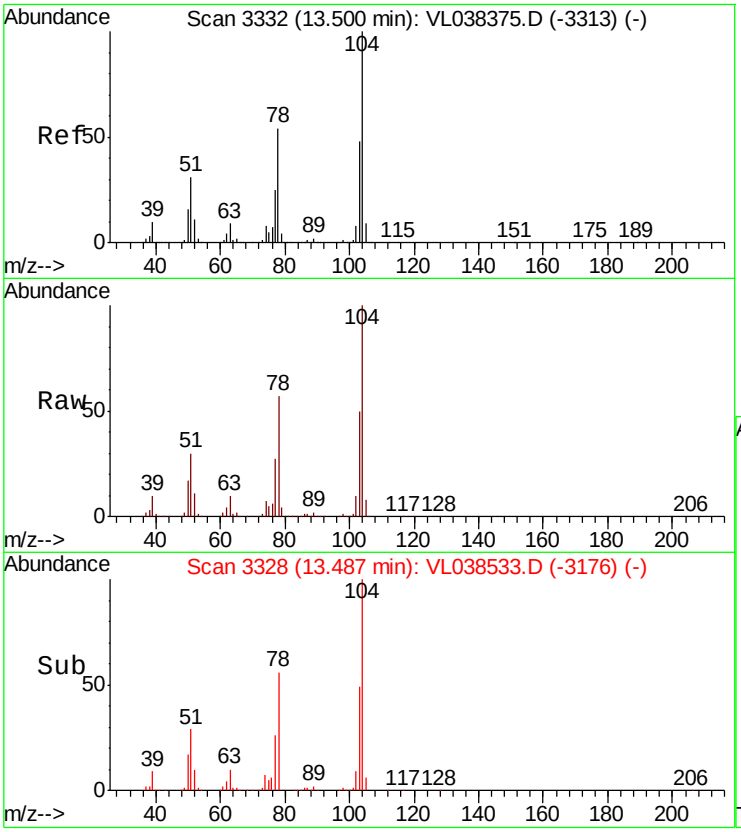




#60
o-Xylene
Concen: 8.562 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 91 Resp: 2821925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 43.2 | 21.9 | 65.5 |



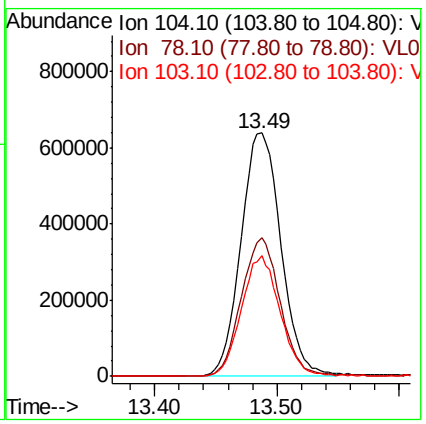


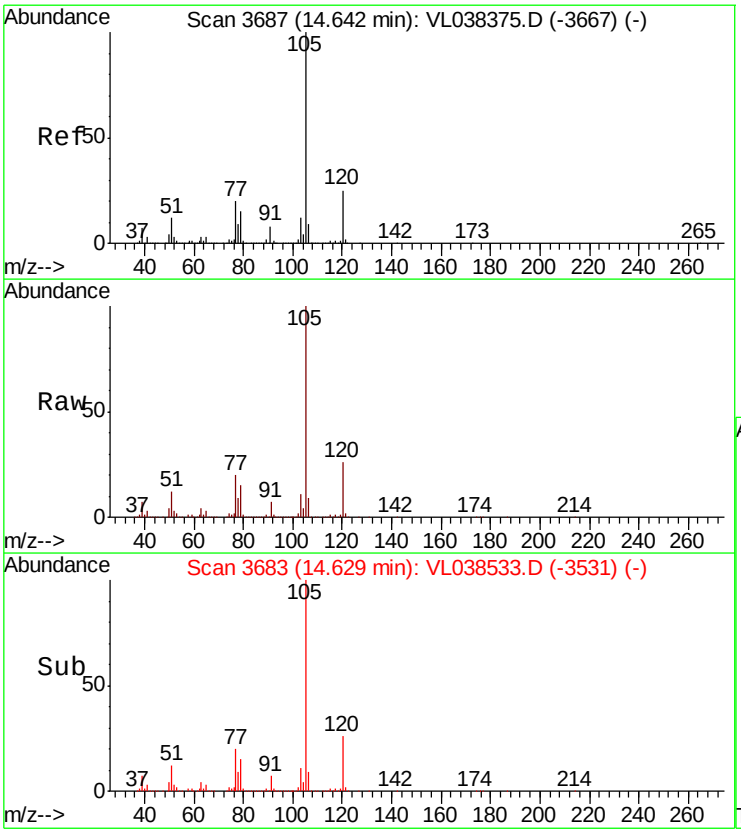

#61
Stvrene
Concen: 9.506 ppbv
RT: 13.49
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:104 Resp: 1445176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 55.7 | 44.2 | 66.4 |
| 103 | 48.3 | 38.4 | 57.6 |

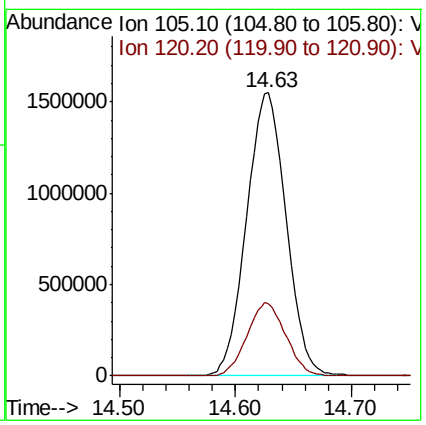


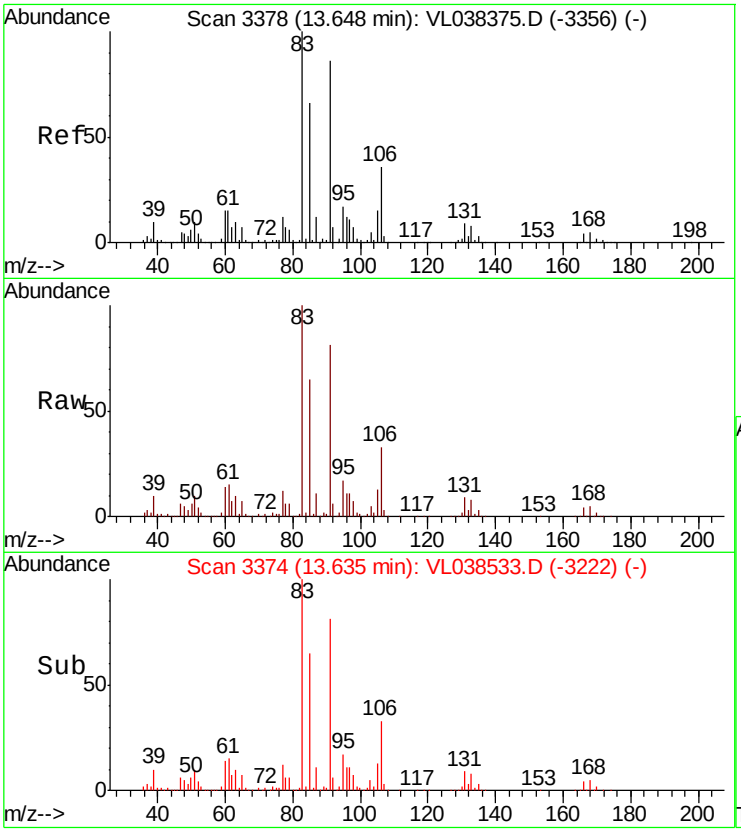




#62
Isopropylbenzene
Concen: 8.313 ppbv
RT: 14.63 min Scan# 3683
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:105 Resp: 3677457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.4 | 20.6 | 30.8 |



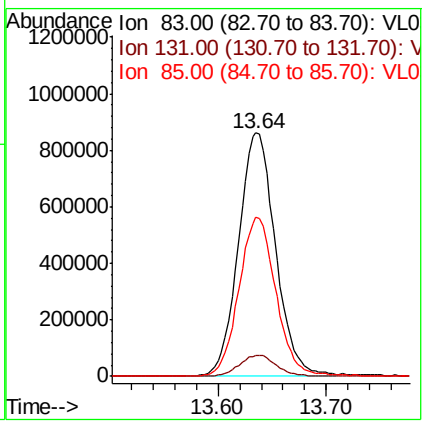


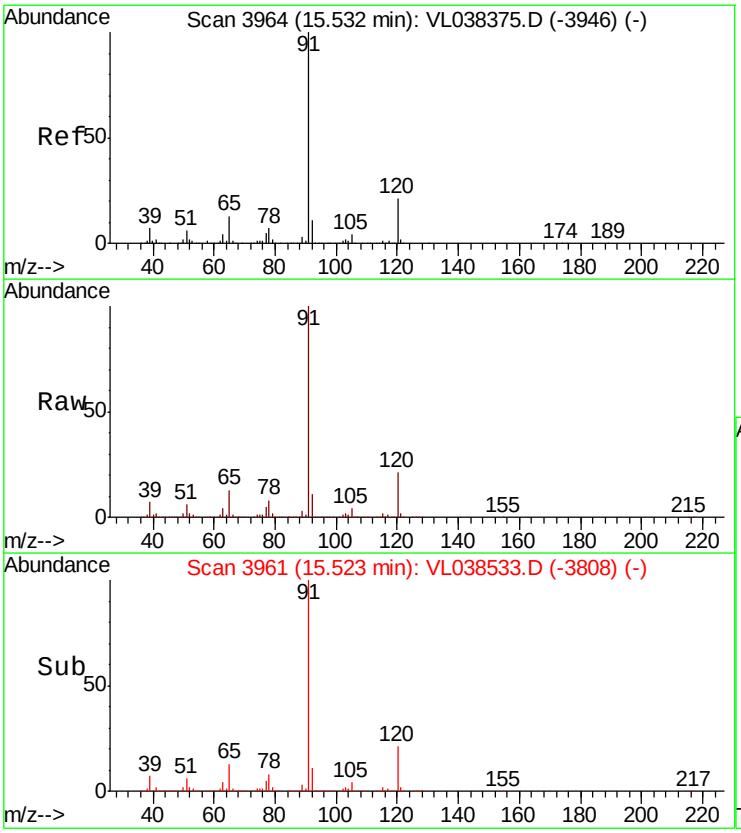

#63
1,1,2,2-Tetrachloroethane
Concen: 7.660 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion: 83 Resp: 2051296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.0 | 4.5 | 13.7 |
| 85 | 65.9 | 33.0 | 99.0 |

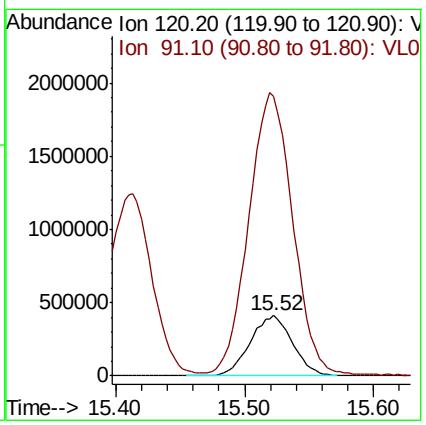


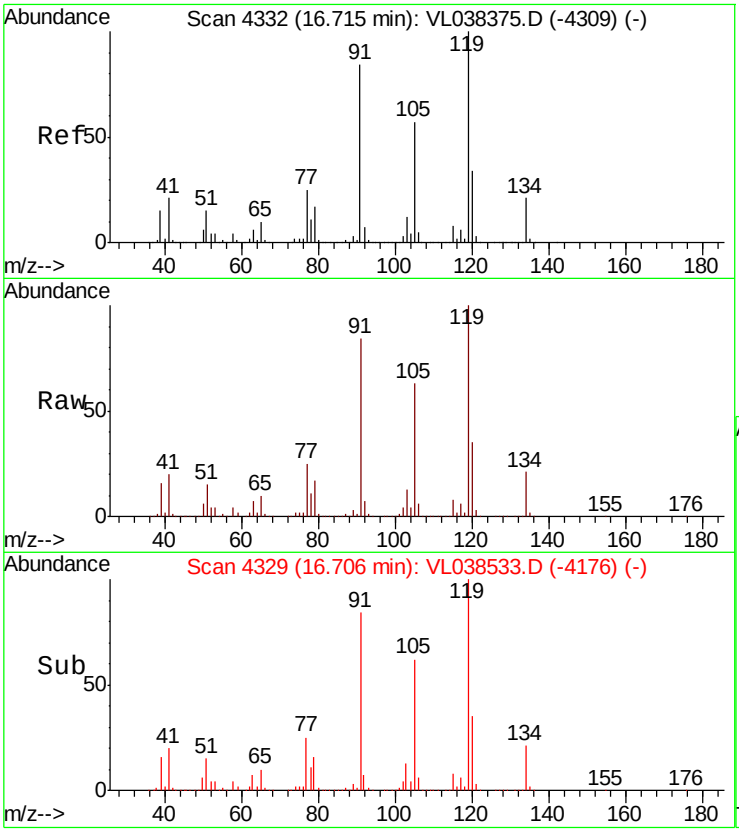




#64
n-propylbenzene
Concen: 8.553 ppbv
RT: 15.52 min Scan# 3961
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:120 Resp: 936819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 494.9 | 388.1 | 582.1 |



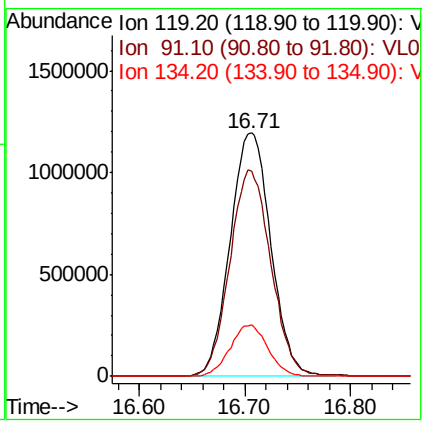


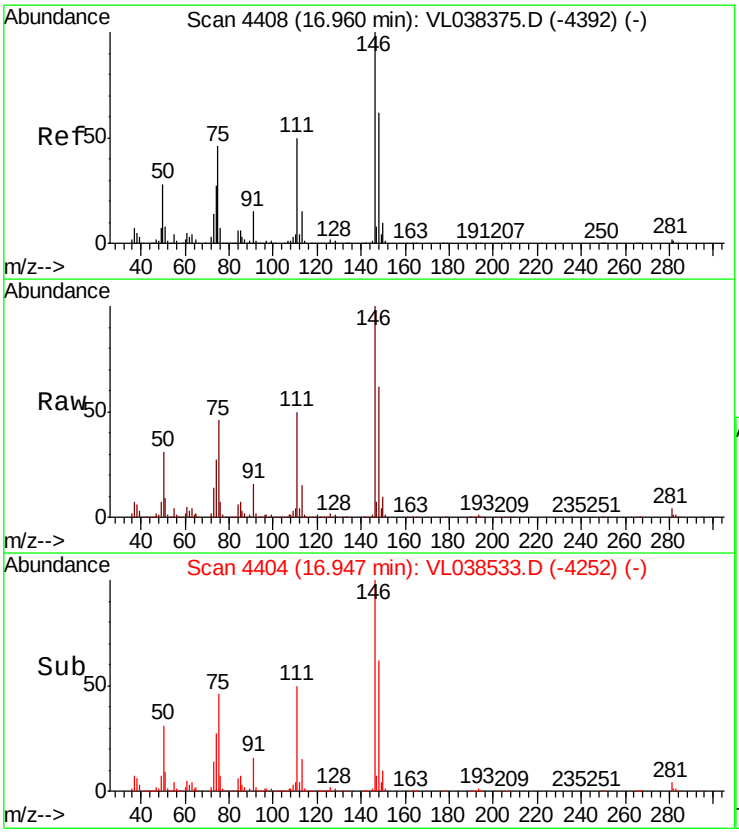

#65
tert-Butylbenzene
Concen: 8.350 ppbv
RT: 16.71
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 3199651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 85.5 | 68.0 | 102.0 |
| 134 | 19.7 | 15.8 | 23.8 |

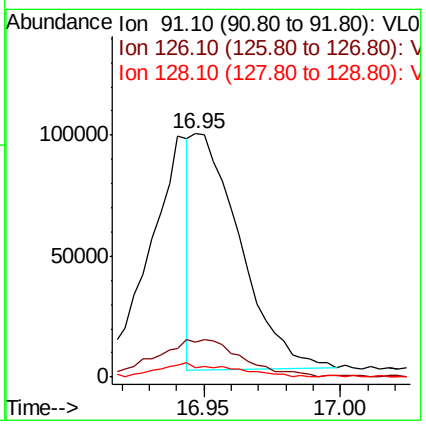


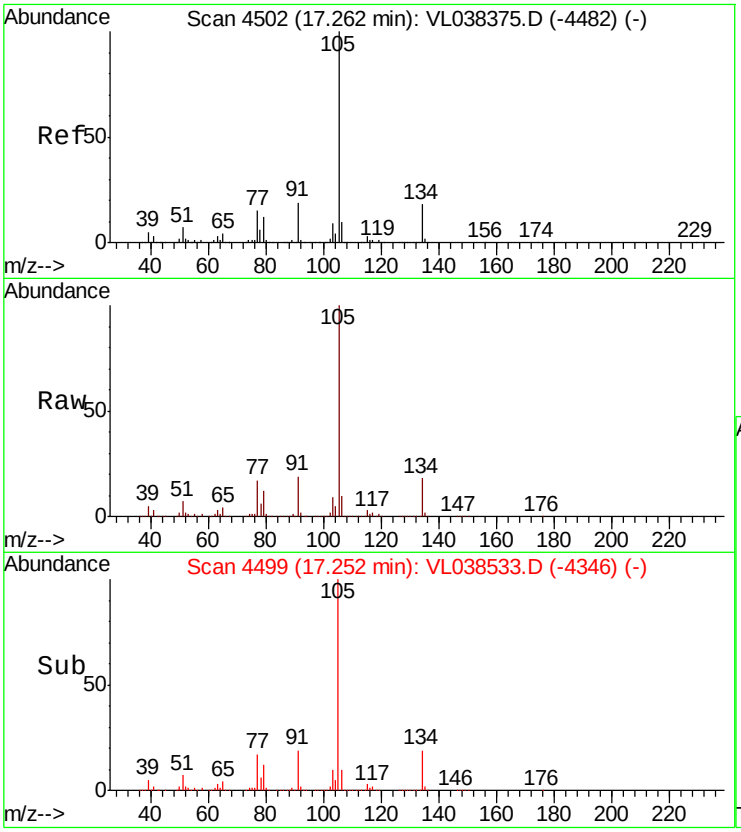




#66
Benzyl Chloride
Concen: 5.745 ppbv
RT: 16.95 min Scan# 4404
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 91 Resp: 118943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.3 | 12.3 | 18.5# |
| 128 | 10.0 | 4.2 | 6.4# |



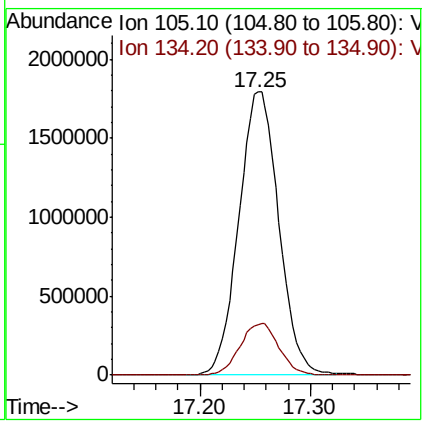


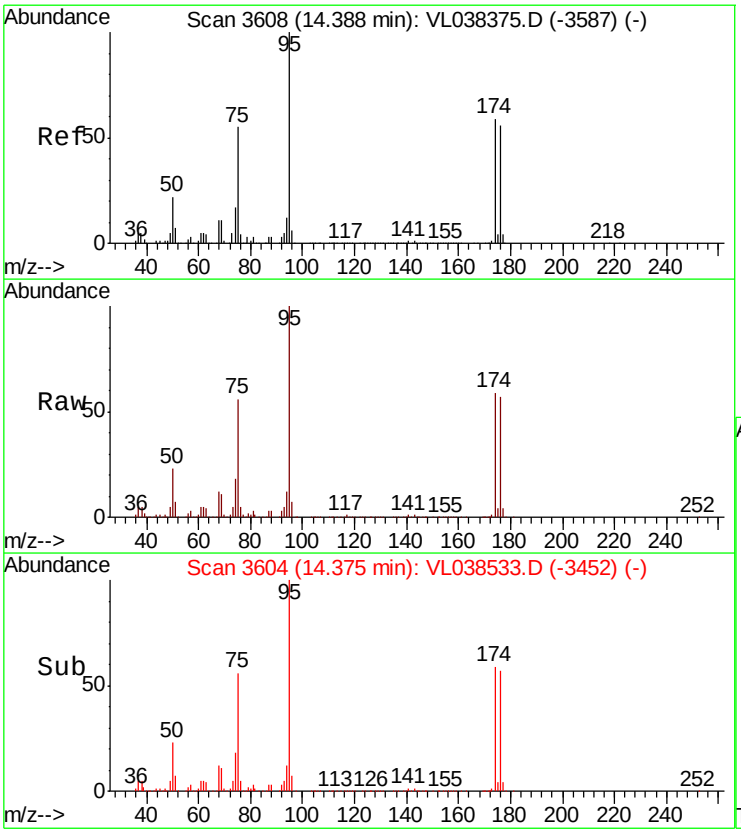

#67
sec-Butylbenzene
Concen: 8.270 ppbv
RT: 17.25
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:105 Resp: 4489828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.0 | 14.6 | 21.8 |

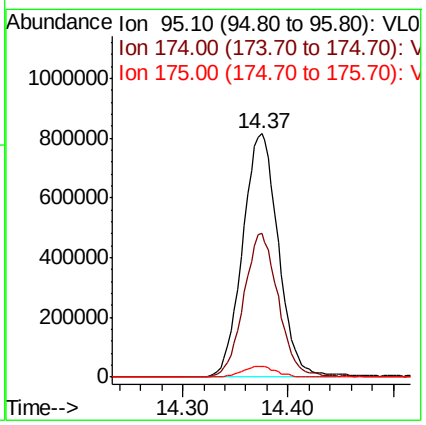


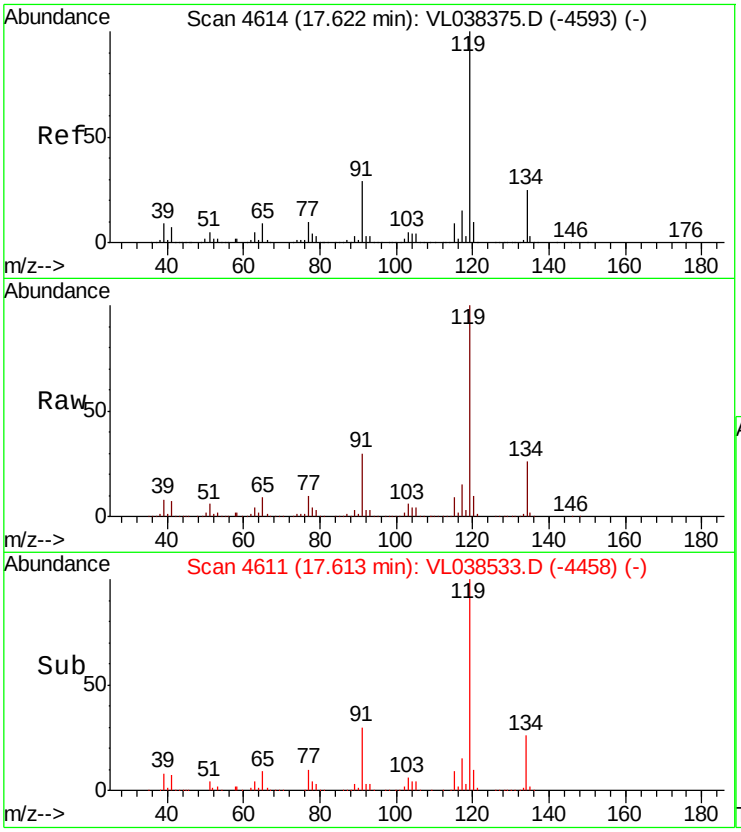




#68
1-Bromo-4-Fluorobenzene
Concen: 7.806 ppbv
RT: 14.37 min Scan# 3604
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 95 Resp: 1917495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 57.8 | 49.0 | 73.4 |
| 175 | 4.3 | 3.6 | 5.4 |



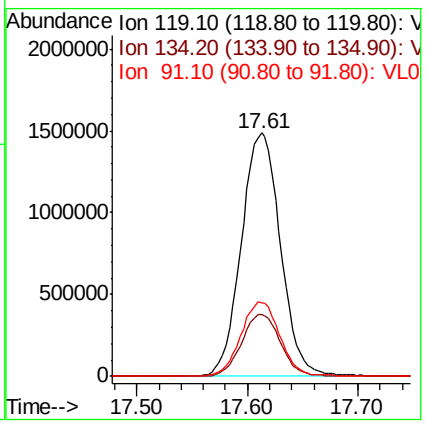


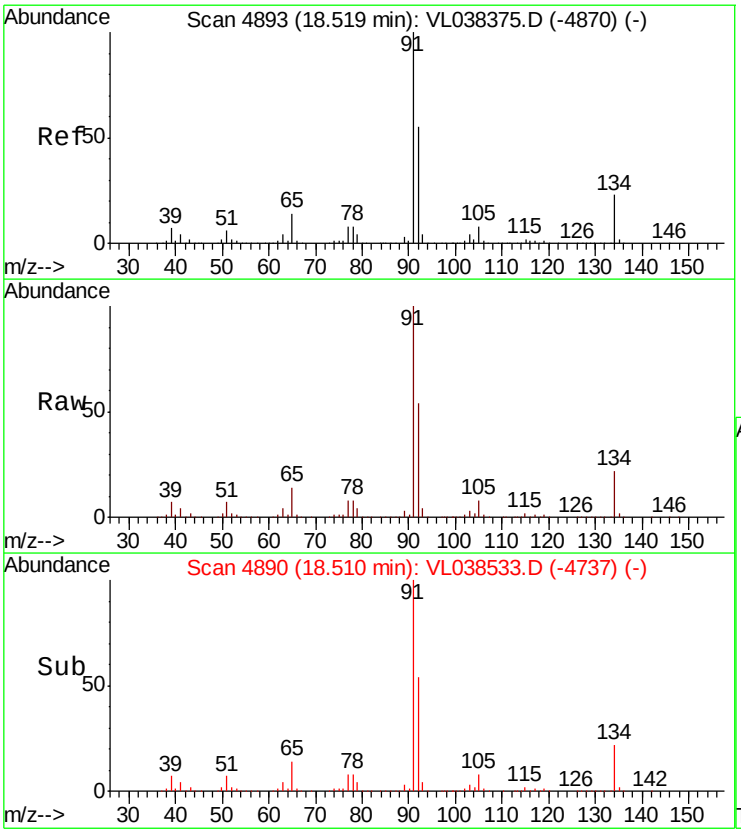

#69
p-Isopropyltoluene
Concen: 8.579 ppbv
RT: 17.61
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:119 Resp: 3658394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 20.4 | 30.6 |
| 91 | 30.7 | 23.8 | 35.8 |

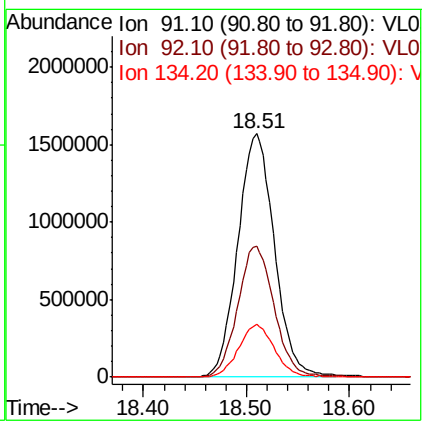


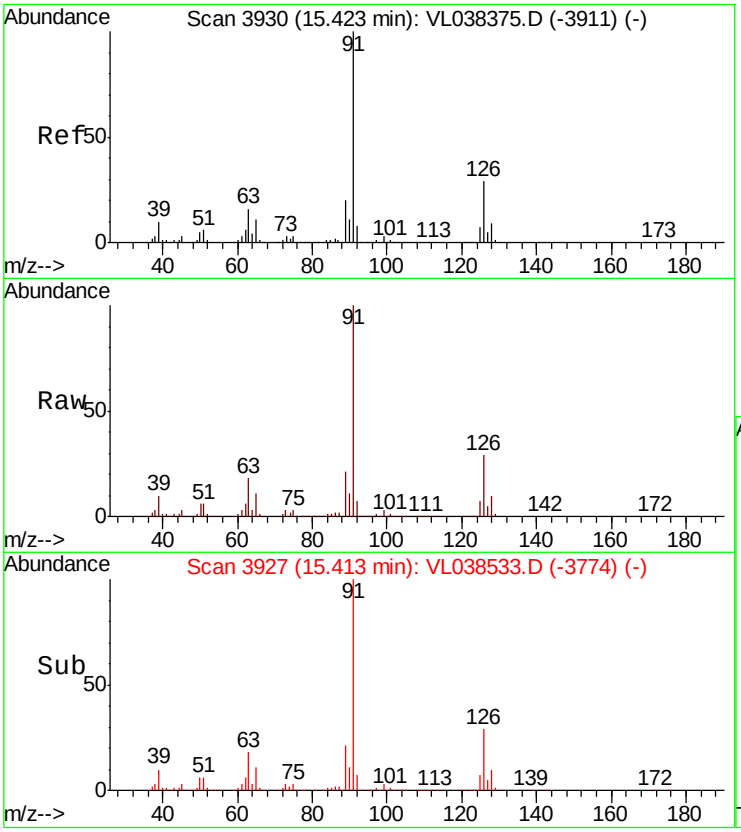




#70
n-Butylbenzene
Concen: 8.776 ppbv
RT: 18.51 min Scan# 4890
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion: 91 Resp: 3872942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.8 | 43.1 | 64.7 |
| 134 | 21.5 | 17.4 | 26.0 |



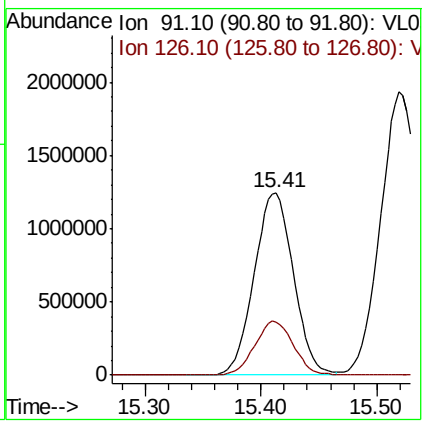


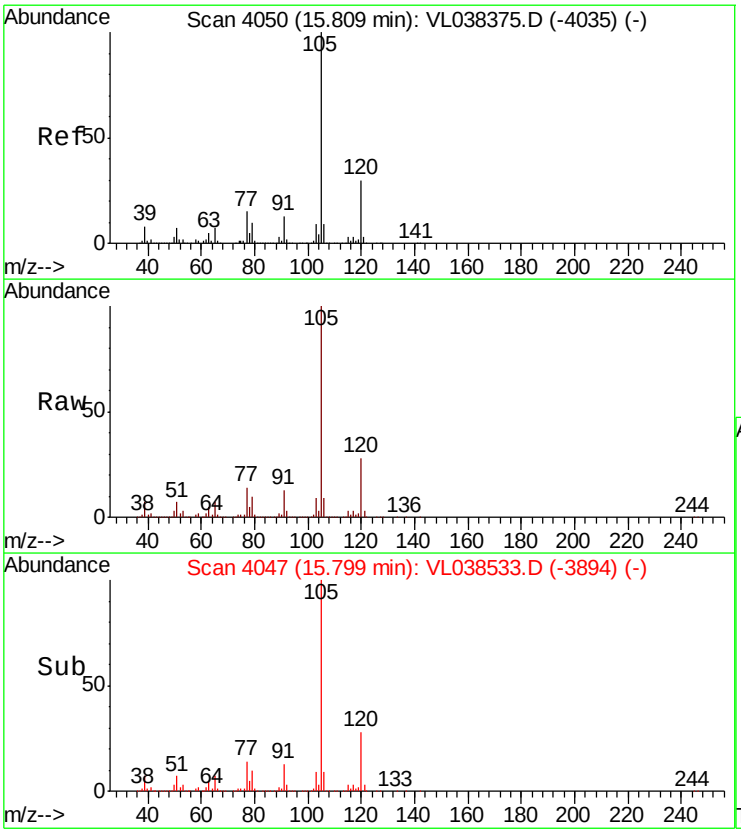

#71
2-Chlorotoluene
Concen: 8.625 ppbv
RT: 15.41
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2933968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.3 | 11.9 | 47.7 |

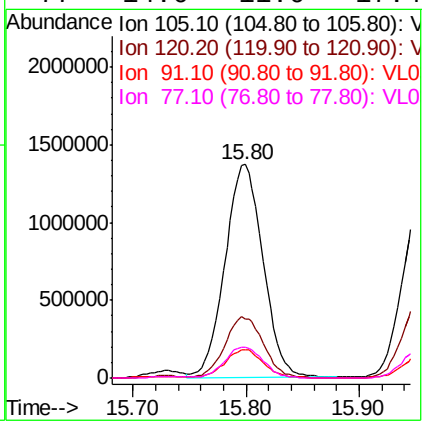


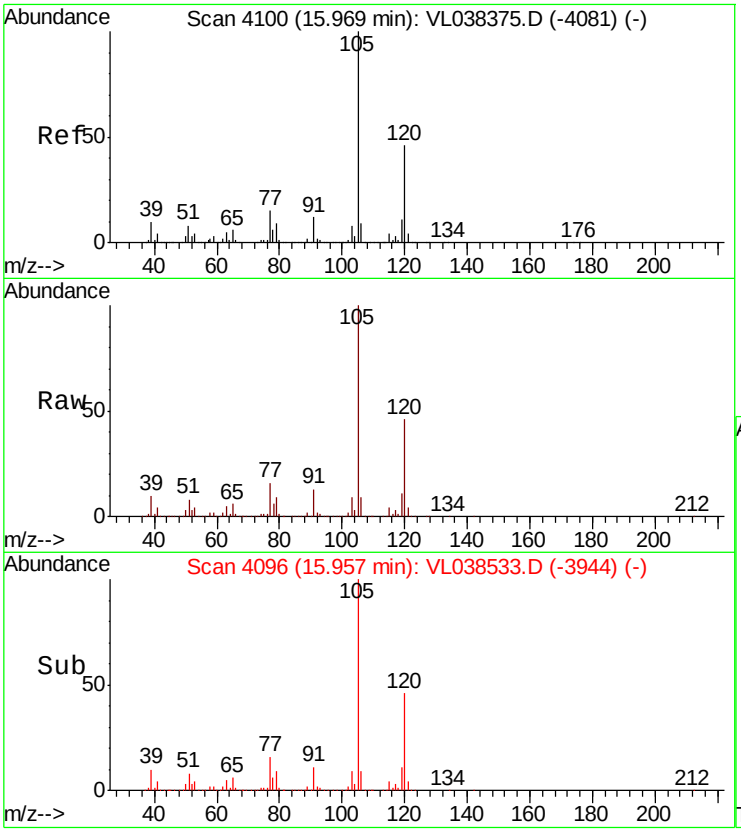




#72
4-Ethyltoluene
Concen: 8.795 ppbv
RT: 15.80 min Scan# 4047
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:105 Resp: 3194143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.2 | 23.4 | 35.2 |
| 91 | 13.1 | 10.4 | 15.6 |
| 77 | 14.6 | 11.6 | 17.4 |



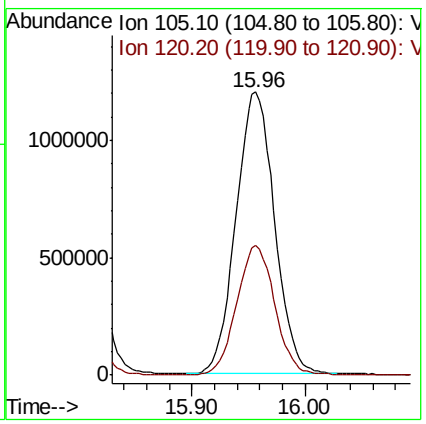


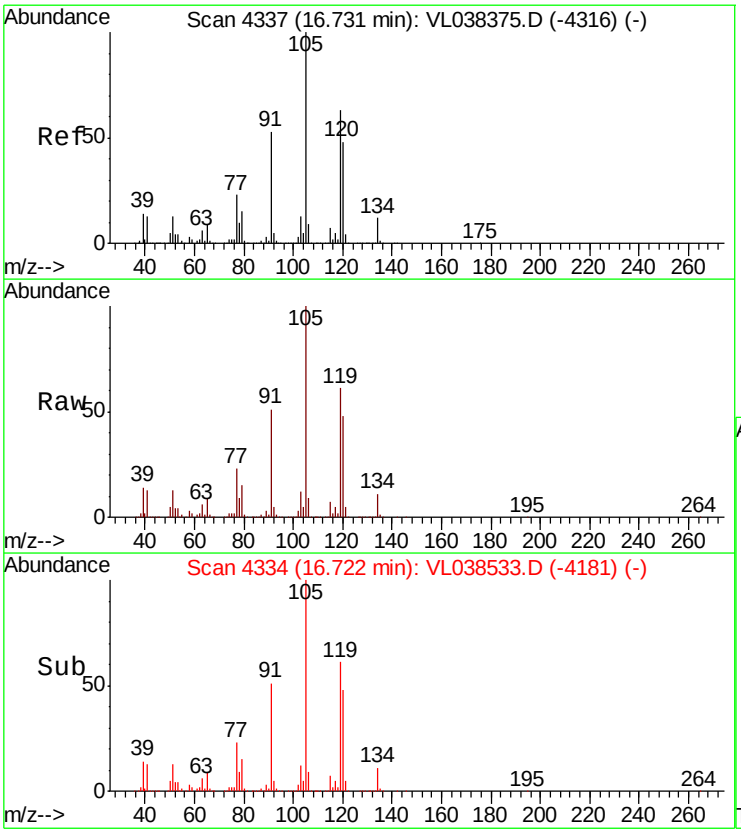

#73
1,3,5-Trimethylbenzene
Concen: 8.647 ppbv
RT: 15.96
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:105 Resp: 2851807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.9 | 36.6 | 55.0 |

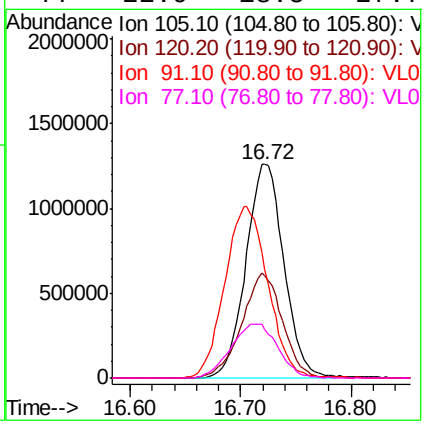


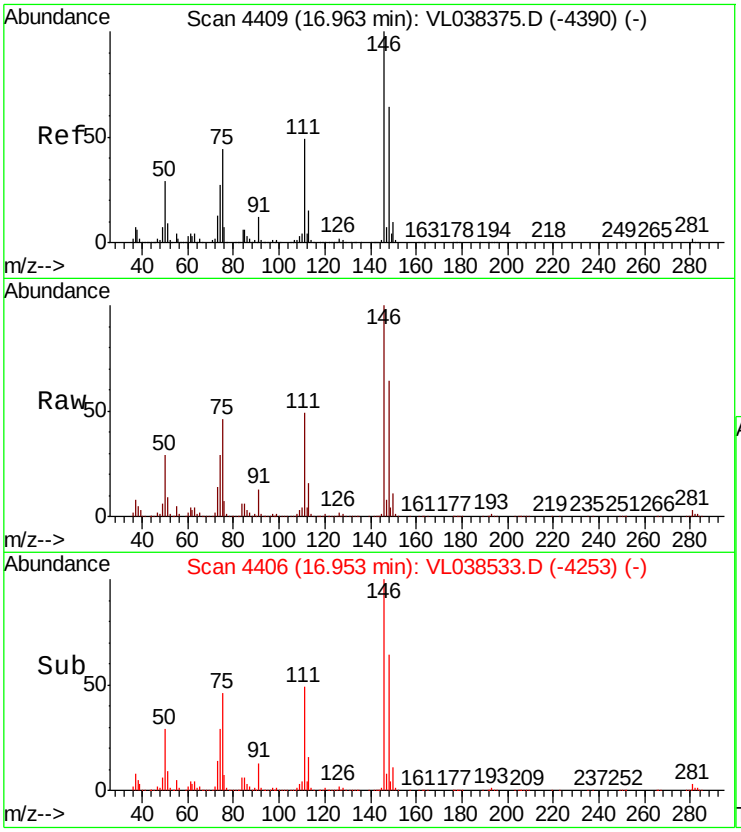




#74
1,2,4-Trimethylbenzene
Concen: 8.623 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:105 Resp: 3002504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.9 | 38.2 | 57.4 |
| 91 | 50.5 | 42.7 | 64.1 |
| 77 | 22.9 | 18.5 | 27.7 |



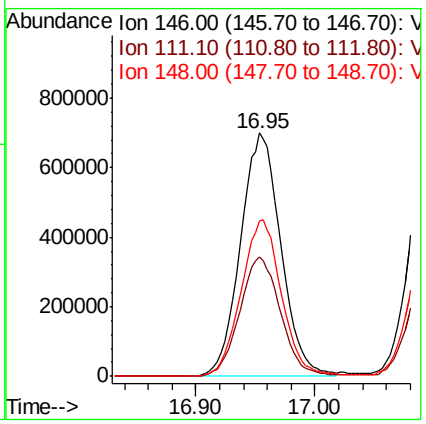


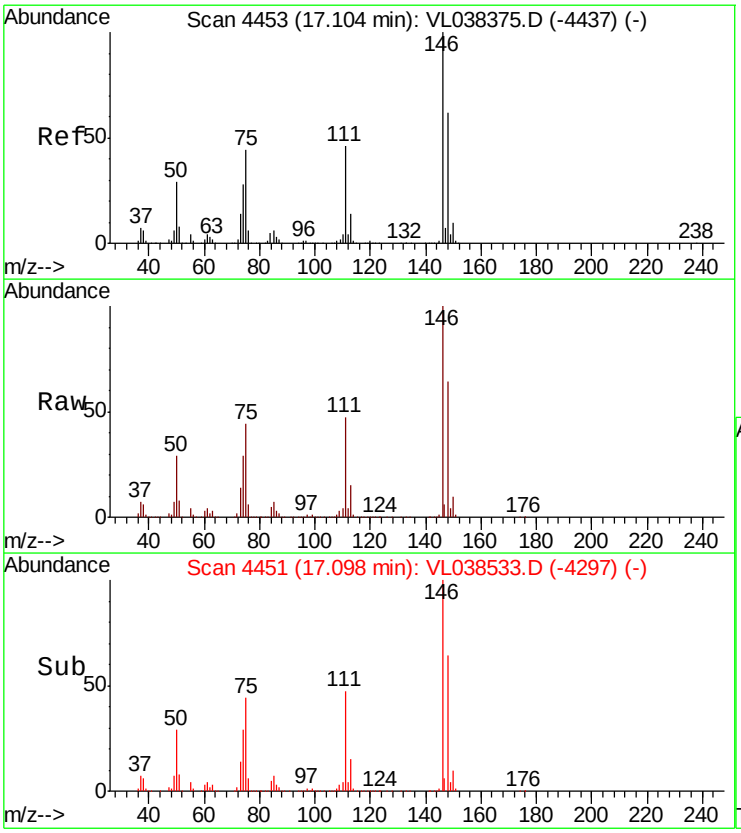

#75
1,3-Dichlorobenzene
Concen: 8.421 ppbv
RT: 16.95
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:146 Resp: 1642320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 49.8 | 24.3 | 72.9 |
| 148 | 64.5 | 32.0 | 96.0 |

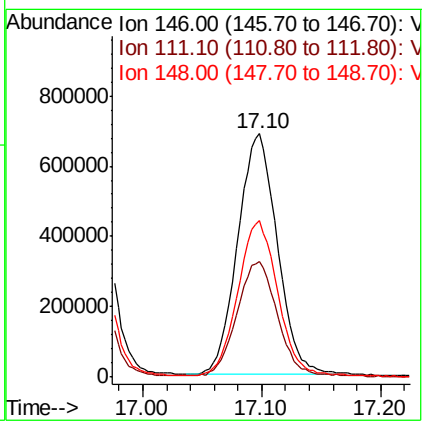


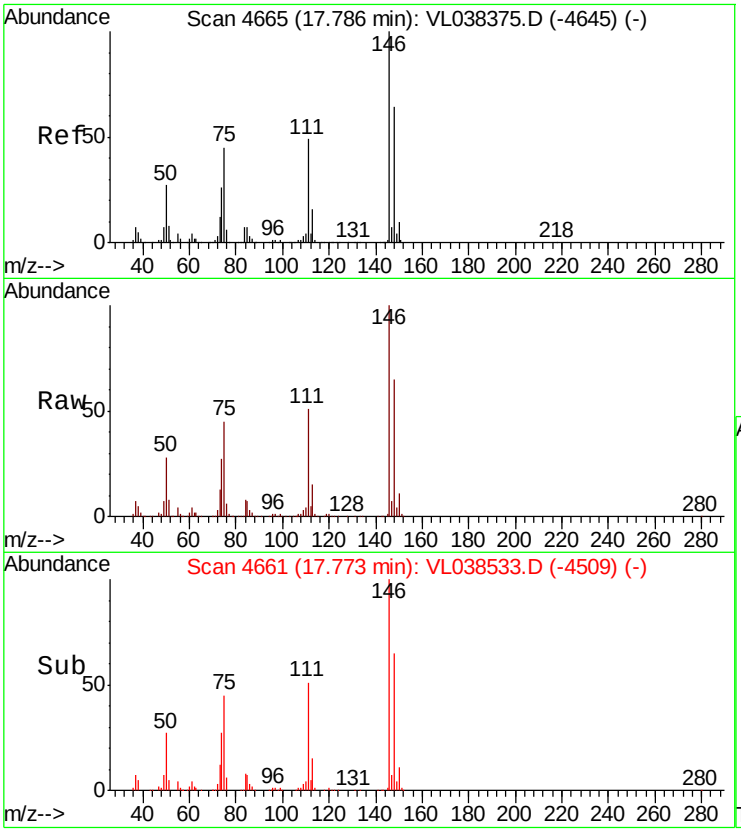




#76
1,4-Dichlorobenzene
Concen: 8.205 ppbv
RT: 17.10 min Scan# 4451
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:146 Resp: 1577864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 49.7 | 24.1 | 72.2 |
| 148 | 66.7 | 32.8 | 98.4 |



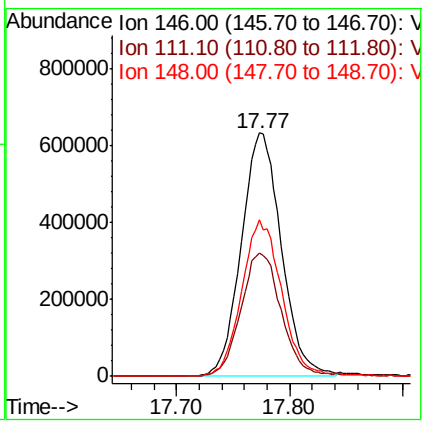


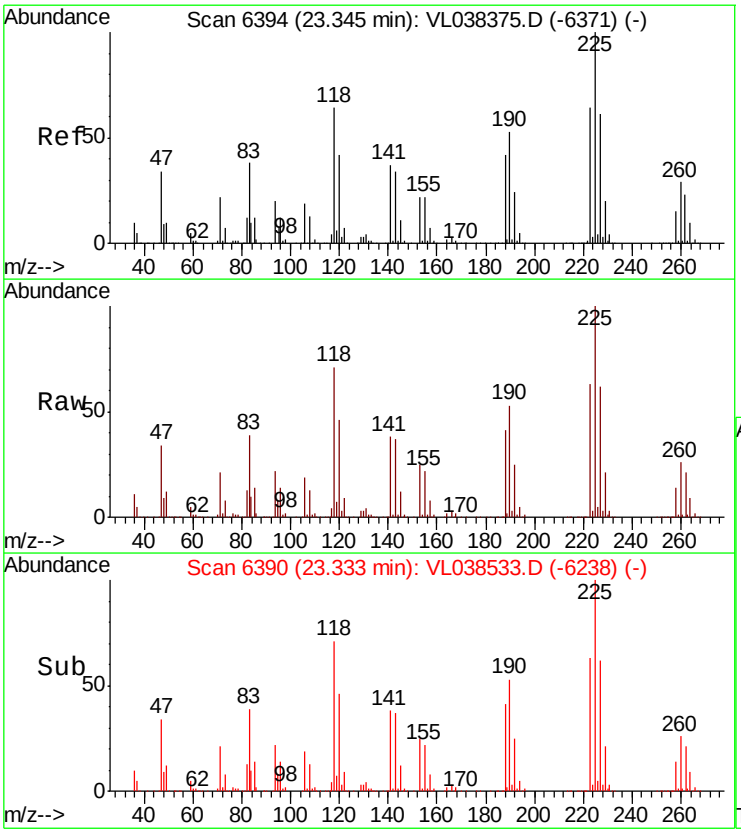

#77
1,2-Dichlorobenzene
Concen: 8.261 ppbv
RT: 17.77
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:146 Resp: 1550842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 51.8 | 25.6 | 76.6 |
| 148 | 64.4 | 32.4 | 97.2 |

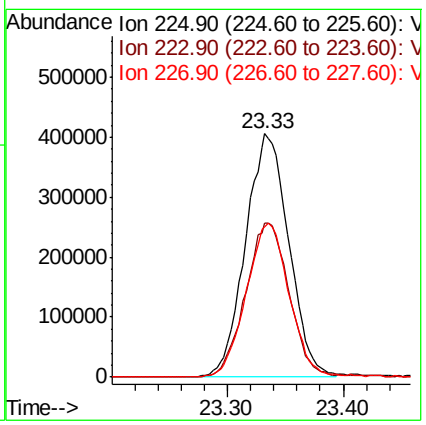


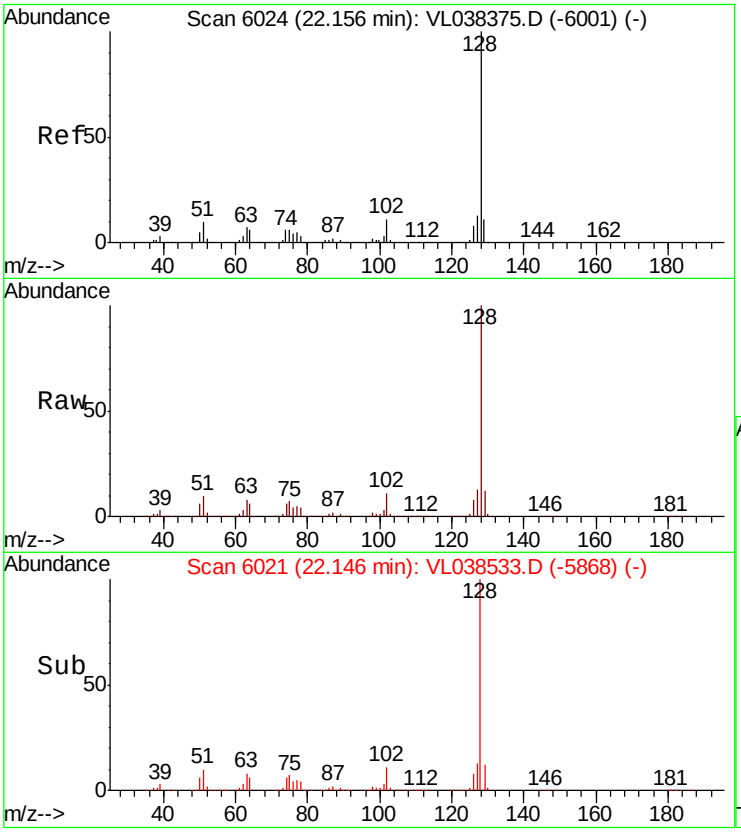




#78
Hexachloro-1,3-Butadiene
Concen: 7.358 ppbv
RT: 23.33 min Scan# 6390
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:225 Resp: 1053458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.4 | 52.0 | 78.0 |
| 227 | 63.3 | 51.6 | 77.4 |



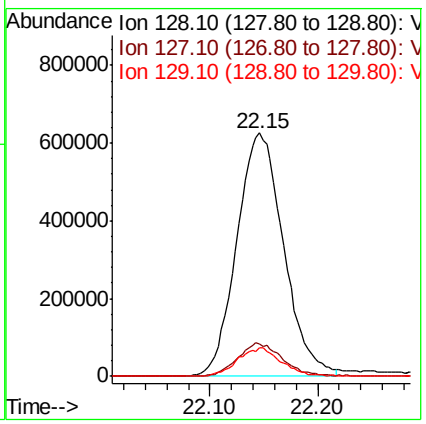


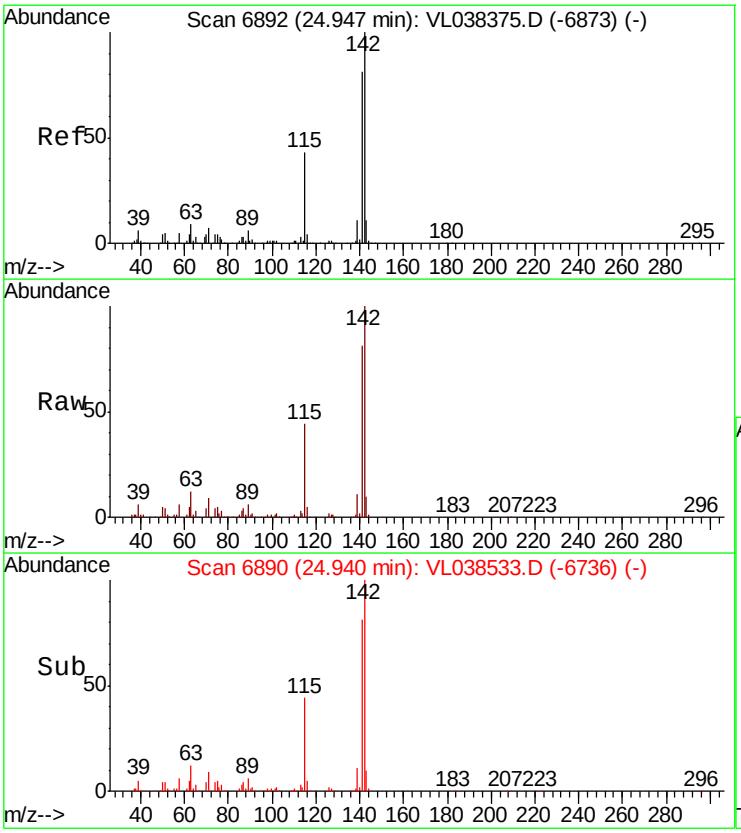

#79
Naphthalene
Concen: 10.001 ppbv
RT: 22.15
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 1886809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.7 | 16.1 |
| 129 | 11.4 | 8.8 | 13.2 |

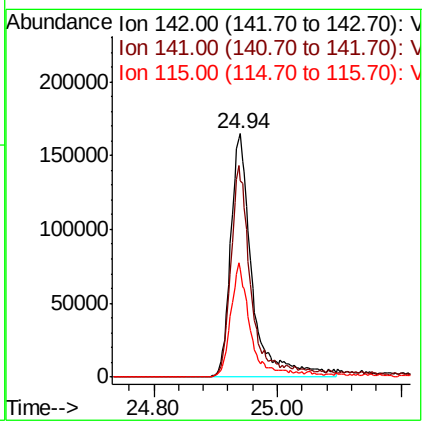


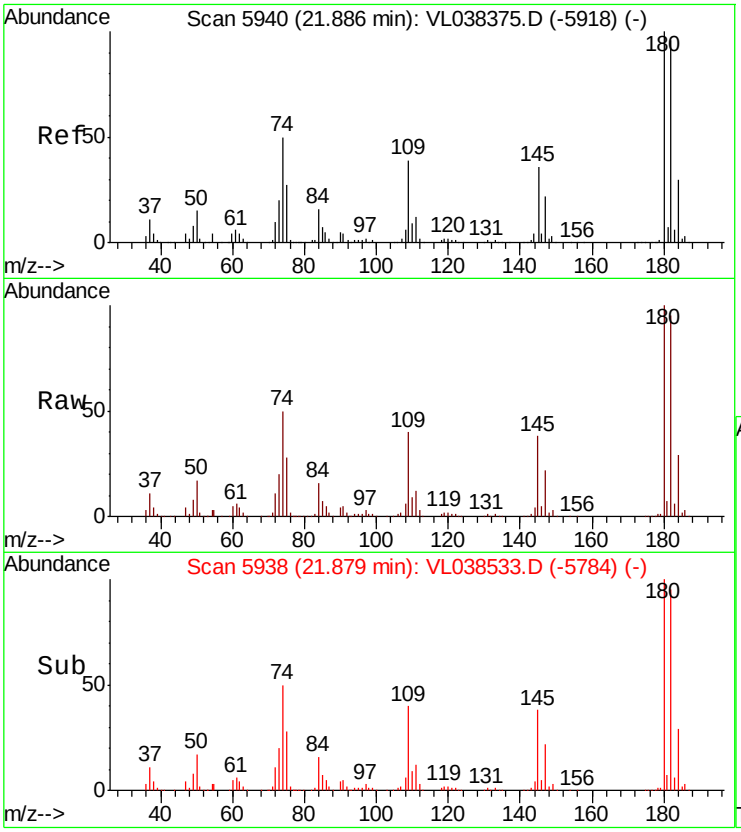




#80
Naphthalene,2-methyl-
Concen: 10.826 ppbv
RT: 24.94 min Scan# 6890
Delta R.T. -0.01 min
Lab File: VL038533.D
Acq: 4 Mar 2022 14:16

Tgt Ion:142 Resp: 399162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 82.3 | 69.8 | 104.6 |
| 115 | 43.9 | 33.0 | 49.6 |






#81
1,2,4-Trichlorobenzene
Concen: 9.254 ppbv
RT: 21.88
Delta R.T
Lab File:
Acq: 4 Mar 2022 14:16

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

Tgt Ion:180 Resp: 1055604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 77.4 | 116.2 |
| 184 | 30.6 | 24.9 | 37.3 |