Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038665.D
Acq On : 22 Mar 2022 00:40
Operator : SY/AP
Sample : N1964-10
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** C0P80

Quant Time: Mar 22 03:51:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.66 | 49 | 870990 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.17 | 114 | 2179858 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.07 | 117 | 2015612 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.40 | 95 | 1533506 | 9.92 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.05 | 85 | 22108 | 0.19 | ppbv | | 99 |
| 4) Chloromethane | 3.14 | 50 | 17835 | 0.35 | ppbv | | 99 |
| 7) Chloroethane | 3.56 | 64 | 383 | 0.02 | ppbv | # | 43 |
| 9) Propene | 3.01 | 41 | 83467 | 1.88 | ppbv | | 88 |
| 10) Heptane | 8.11 | 43 | 5321 | 0.05 | ppbv | # | 46 |
| 11) Trichlorofluoromethane | 3.95 | 101 | 22052 | 0.21 | ppbv | | 95 |
| 13) Ethanol | 3.60 | 45 | 434543 | 88.70 | ppbv | | 99 |
| 15) Acetone | 3.84 | 43 | 1017594 | 13.54 | ppbv | | 98 |
| 16) 1,3-Butadiene | 3.31 | 39 | 102136 | 2.39 | ppbv | # | 19 |
| 17) tert-Butyl alcohol | 4.29 | 59 | 21899 | 0.33 | ppbv | # | 73 |
| 19) Isopropyl Alcohol | 3.96 | 45 | 137227 | 3.29 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.34 | 84 | 324894 | 10.26 | ppbv | | 96 |
| 21) Allyl Chloride | 4.73 | 41 | 41555 | 0.77 | ppbv | # | 78 |
| 22) trans-1,2-Dichloroethene | 4.88 | 96 | 3954 | 0.11 | ppbv | | 93 |
| 23) Vinyl Acetate | 5.05 | 43 | 24118 | 0.33 | ppbv | # | 1 |
| 25) Ethyl Acetate | 5.67 | 43 | 170011 | 0.90 | ppbv | # | 90 |
| 26) Hexane | 5.68 | 57 | 158476 | 1.87 | ppbv | # | 51 |
| 27) Carbon Disulfide | 4.54 | 76 | 8179 | 0.10 | ppbv | # | 72 |
| 29) Chloroform | 5.74 | 83 | 20965 | 0.15 | ppbv | | 100 |
| 30) Cyclohexane | 7.12 | 84 | 4827 | 0.07 | ppbv | # | 1 |
| 31) cis-1,2-Dichloroethene | 5.54 | 61 | 37571 | 0.47 | ppbv | # | 86 |
| 34) 2-Butanone | 5.24 | 43 | 1004938 | 11.65 | ppbv | | 97 |
| 35) Carbon Tetrachloride | 7.01 | 117 | 3760 | 0.03 | ppbv | # | 62 |
| 36) Benzene | 6.88 | 78 | 47144 | 0.28 | ppbv | | 94 |
| 38) Trichloroethene | 7.82 | 130 | 38809 | 0.55 | ppbv | | 91 |
| 39) 1,2-Dichloropropane | 7.16 | 63 | 509137 | 7.74 | ppbv | # | 28 |
| 40) 1,4-Dioxane | 7.85 | 88 | 591 | 0.03 | ppbv | # | 1 |
| 41) Tetrahydrofuran | 6.05 | 42 | 54255 | 0.84 | ppbv | | 96 |
| 44) 2,2,4-Trimethylpentane | 7.86 | 57 | 153710 | 0.54 | ppbv | # | 85 |
| 50) 4-Methyl-2-Pentanone | 8.73 | 43 | 5091 | 0.03 | ppbv | # | 38 |
| 51) 2-Hexanone | 10.13 | 43 | 53430 | 0.46 | ppbv | # | 95 |
| 52) Tetrachloroethene | 11.21 | 164 | 680347 | 11.05 | ppbv | | 98 |
| 53) Toluene | 9.79 | 91 | 1018267 | 5.63 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.70 | 91 | 57584 | 0.24 | ppbv | | 95 |
| 59) m/p-Xylene | 12.95 | 91 | 112655 | 0.55 | ppbv | | 97 |
| 60) o-Xylene | 13.68 | 91 | 51137 | 0.26 | ppbv | | 99 |
| 61) Styrene | 13.51 | 104 | 12779 | 0.12 | ppbv | # | 29 |
| 62) Isopropylbenzene | 14.65 | 105 | 63820 | 0.22 | ppbv | | 98 |
| 69) p-Isopropyltoluene | 17.63 | 119 | 69989 | 0.23 | ppbv | | 94 |
| 74) 1,2,4-Trimethylbenzene | 16.75 | 105 | 25193 | 0.11 | ppbv | # | 72 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038665.D
Acq On : 22 Mar 2022 00:40
Operator : SY/AP
Sample : N1964-10
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Quant Time: Mar 22 03:51:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

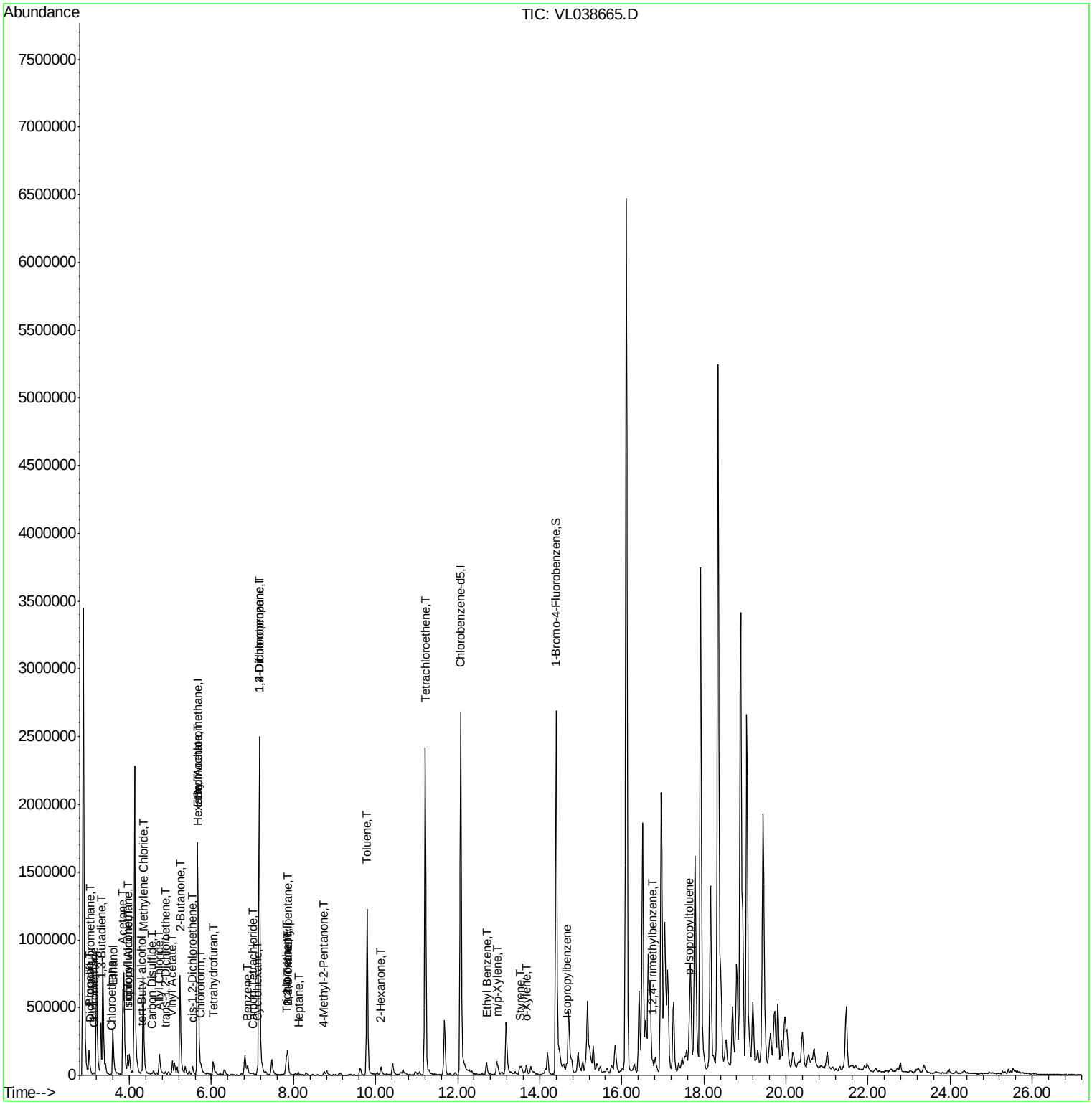
(#) = qualifier out of range (m) = manual integration (+) = signals summed

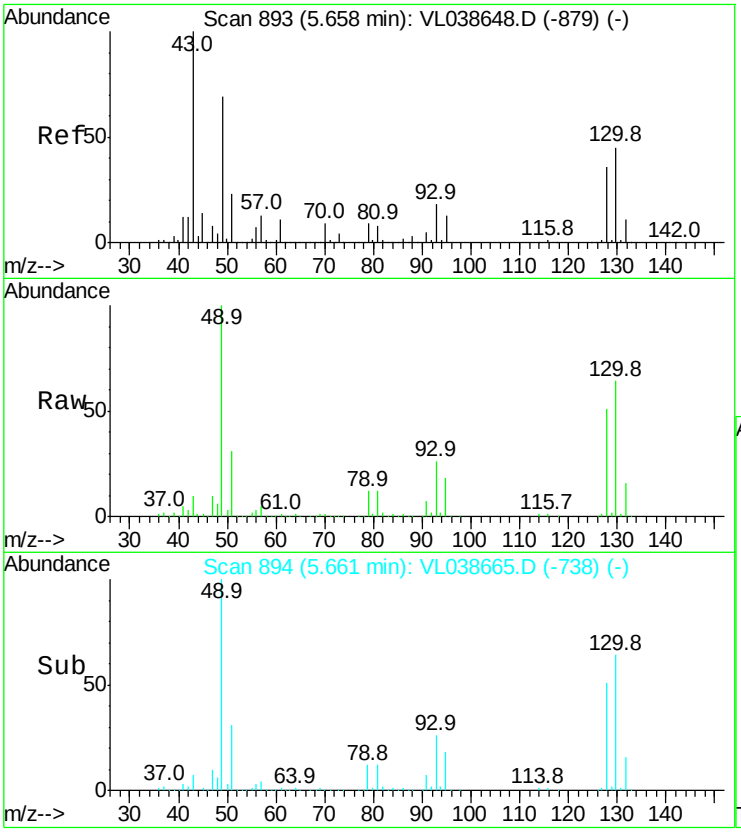
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038665.D
Acq On : 22 Mar 2022 00:40
Operator : SY/AP
Sample : N1964-10
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Quant Time: Mar 22 03:51:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



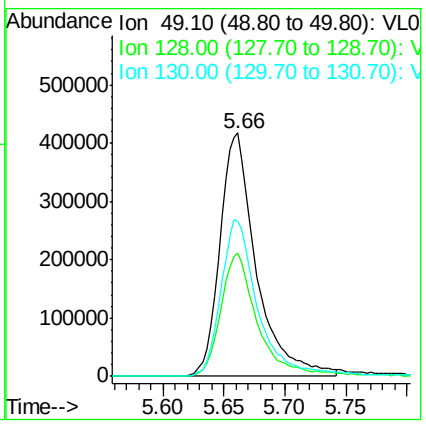


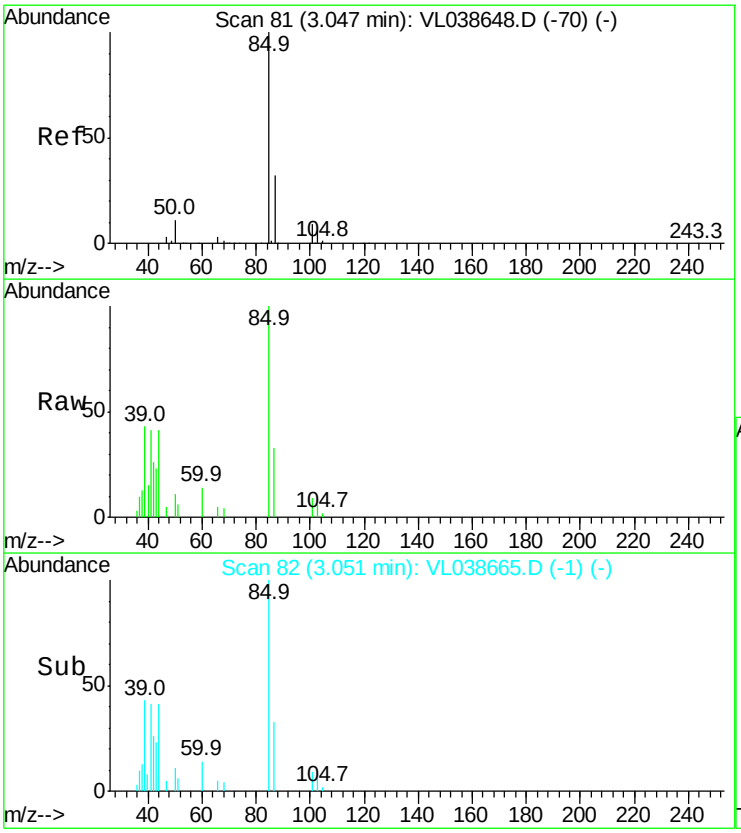

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 49 Resp: 870990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 51.9 | 26.2 | 78.6 |
| 130 | 66.6 | 33.7 | 101.1 |

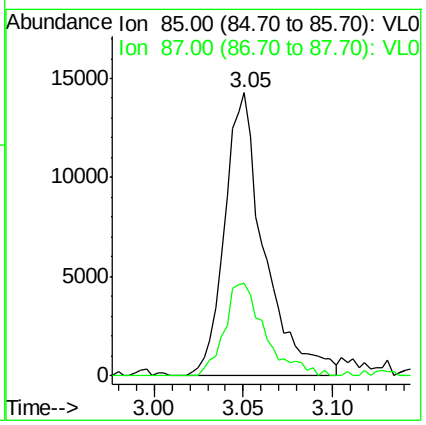


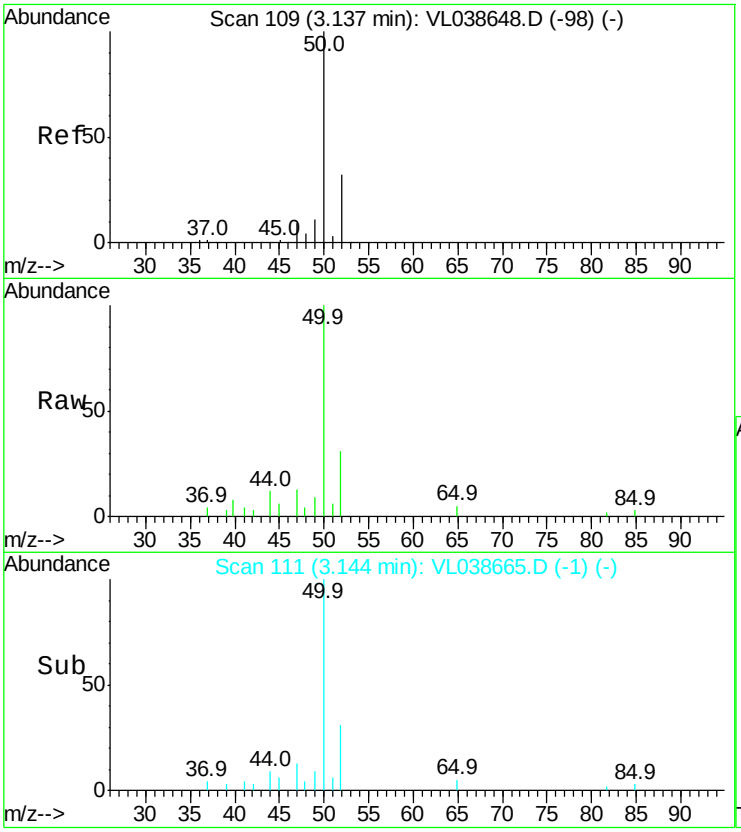




#2
Dichlorodifluoromethane
Concen: 0.19 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 85 Resp: 22108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.9 | 26.0 | 39.0 |



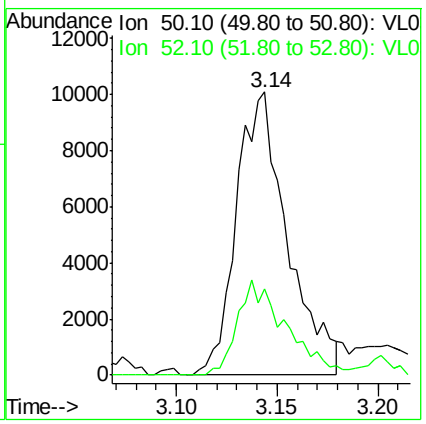


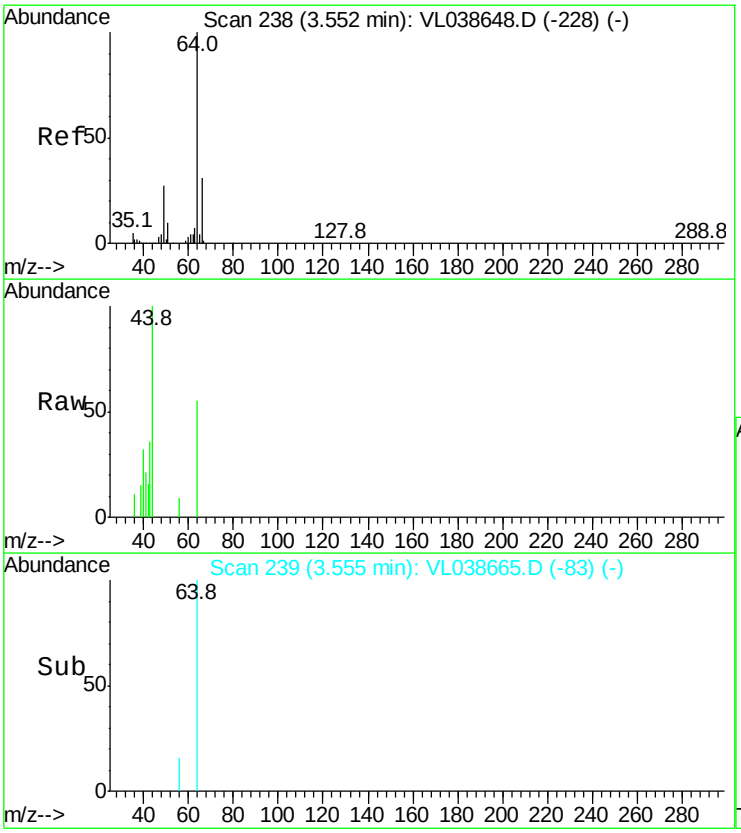

#4
Chloromethane
Concen: 0.35 ppbv
RT: 3.14
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 50 Resp: 17835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.3 | 25.5 | 38.3 |

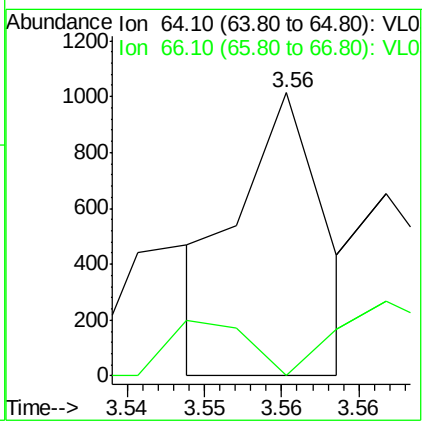


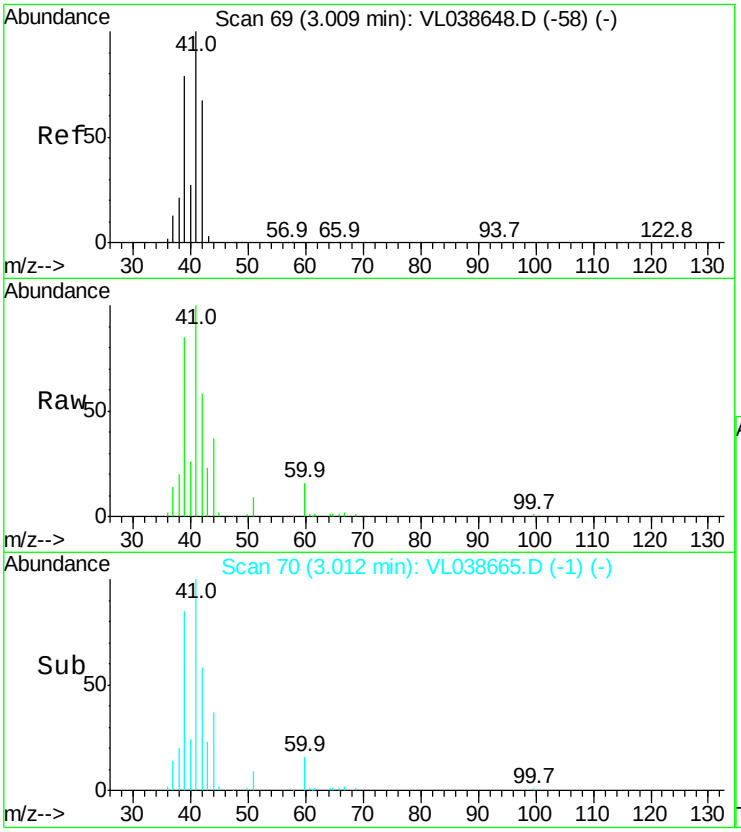




#7
Chloroethane
Concen: 0.02 ppbv
RT: 3.56 min Scan# 239
Delta R.T. 0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 64 Resp: 383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 25.0 | 37.6# |



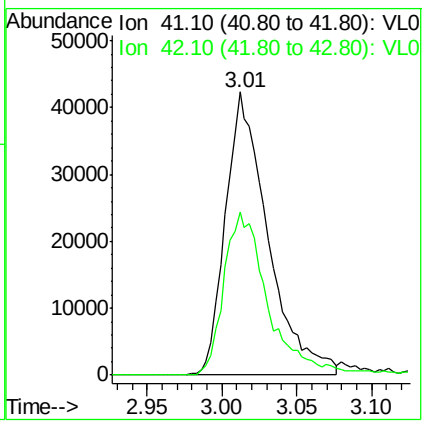


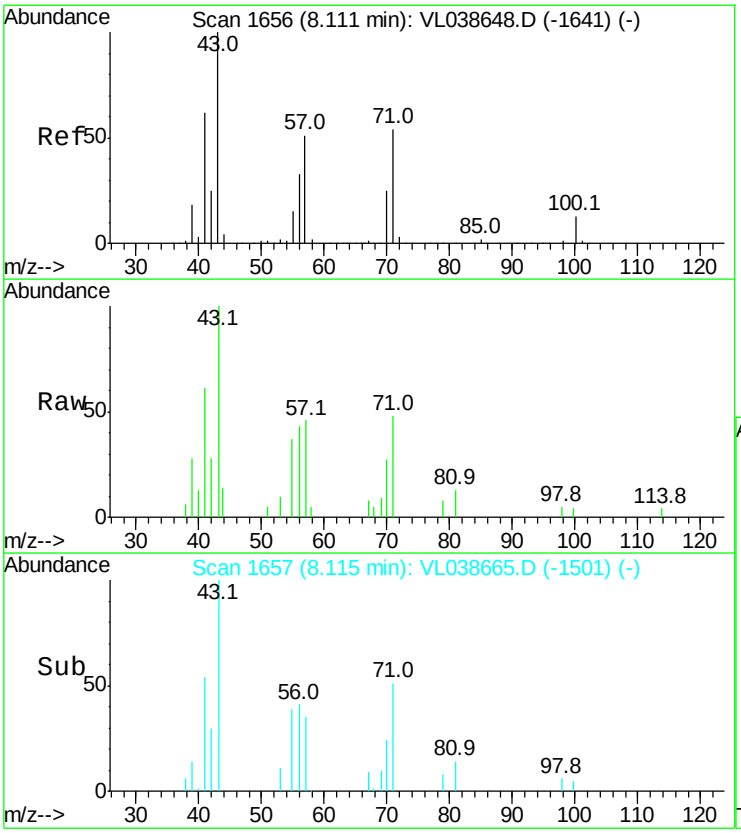

#9
Propene
Concen: 1.88 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 41 Resp: 83467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 60.5 | 56.2 | 84.4 |

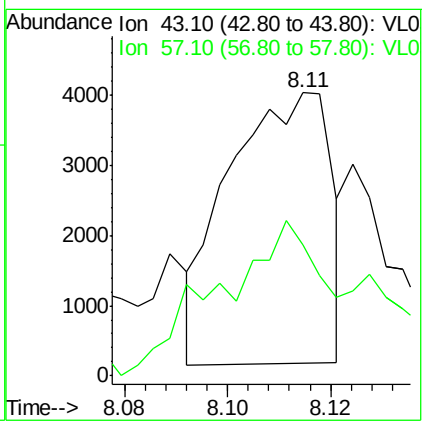


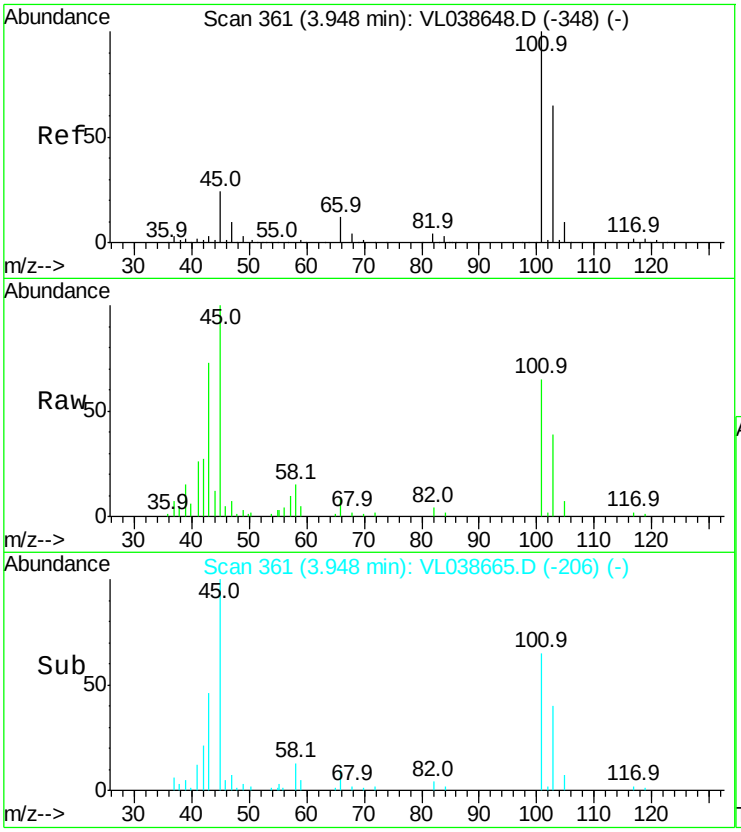




#10
Heptane
Concen: 0.05 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 43 Resp: 5321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 89.9 | 41.4 | 62.2# |



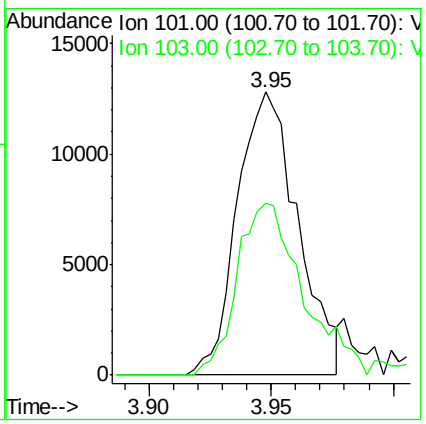


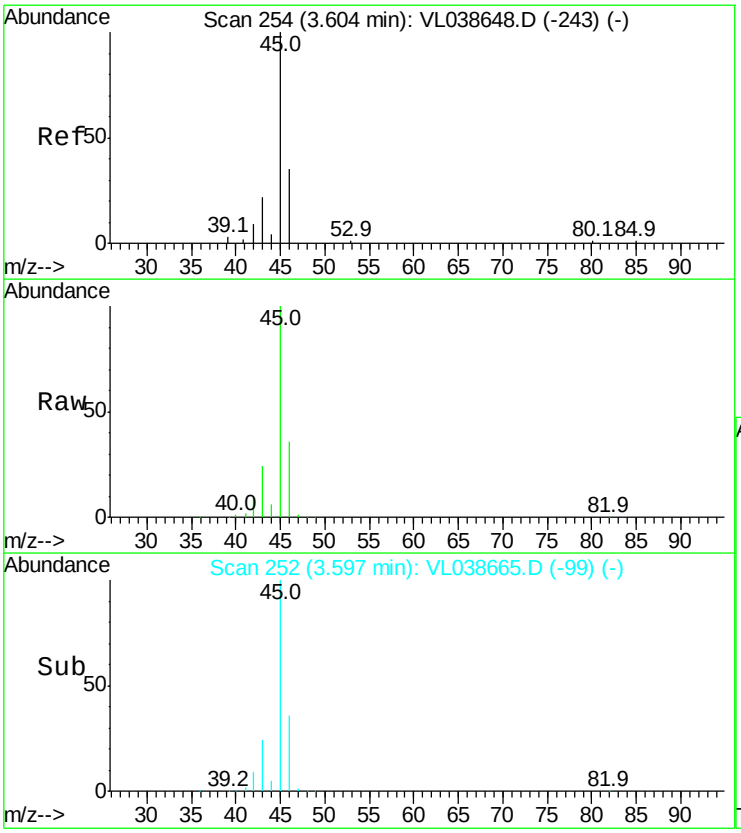

#11
Trichlorofluoromethane
Concen: 0.21 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion:101 Resp: 22052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 60.7 | 51.9 | 77.9 |

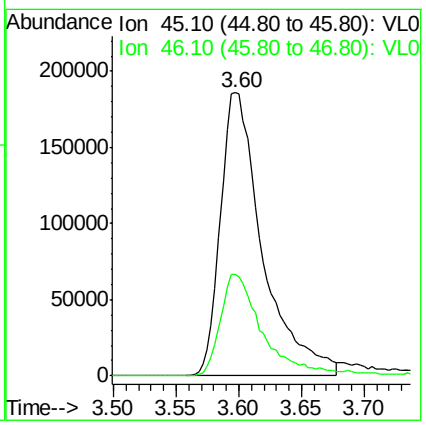


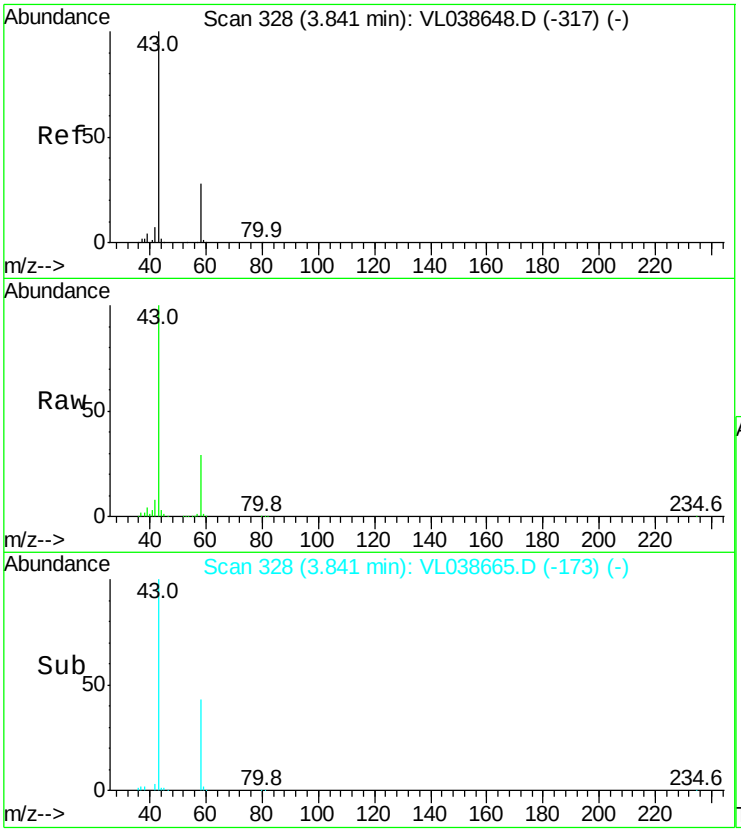




#13
Ethanol
Concen: 88.70 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 45 Resp: 434543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.3 | 15.1 | 60.5 |



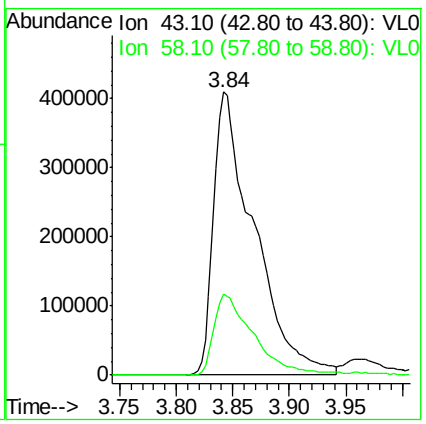


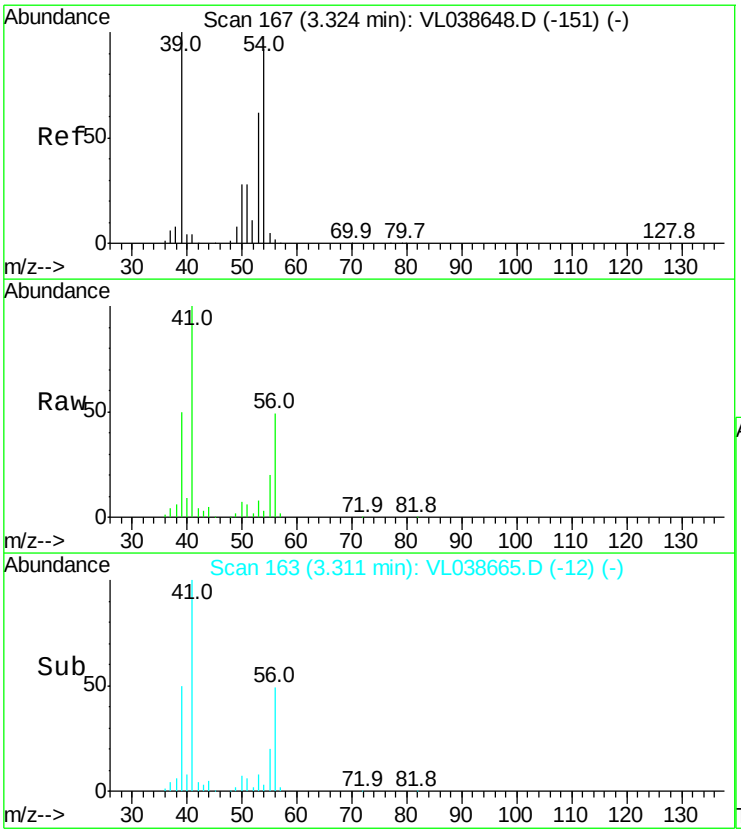

#15
Acetone
Concen: 13.54 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 43 Resp: 1017594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 23.3 | 34.9 |

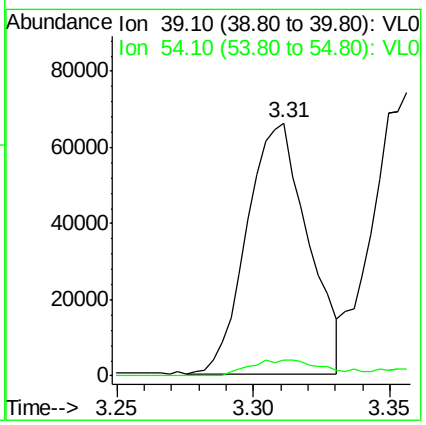


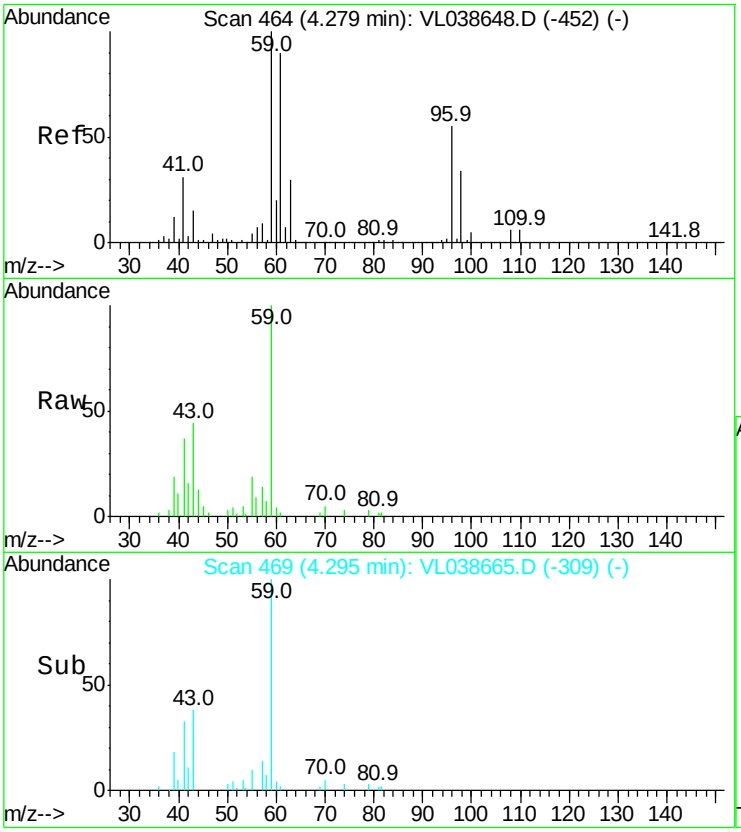




#16
1,3-Butadiene
Concen: 2.39 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.01 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 39 Resp: 102136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 12.1 | 69.1 | 103.7# |



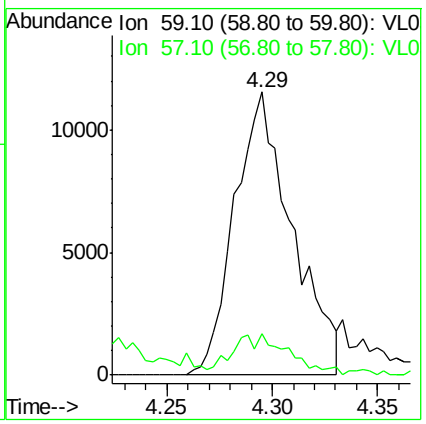


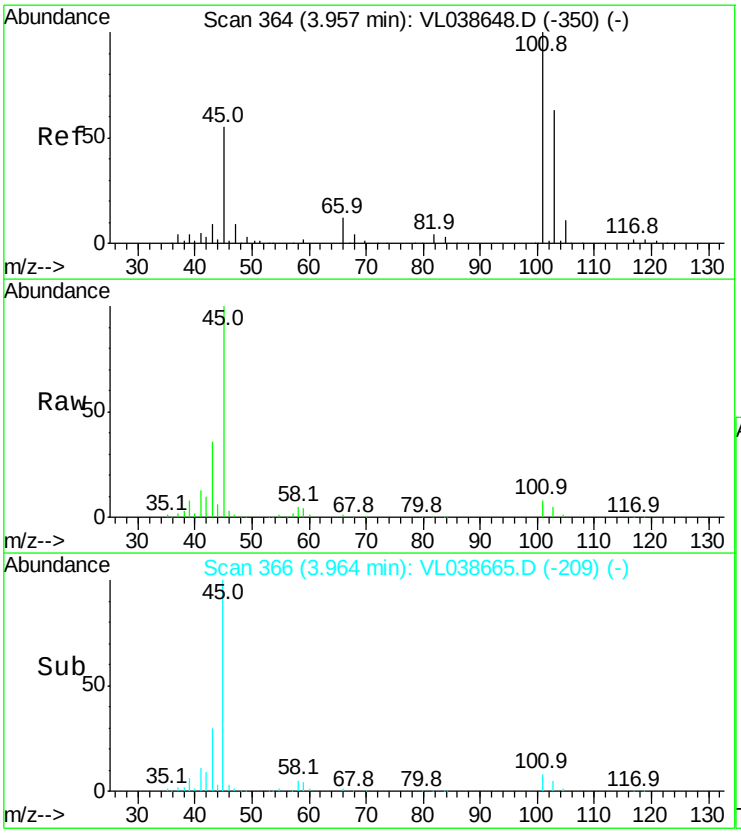

#17
tert-Butyl alcohol
Concen: 0.33 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 59 Resp: 21899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |

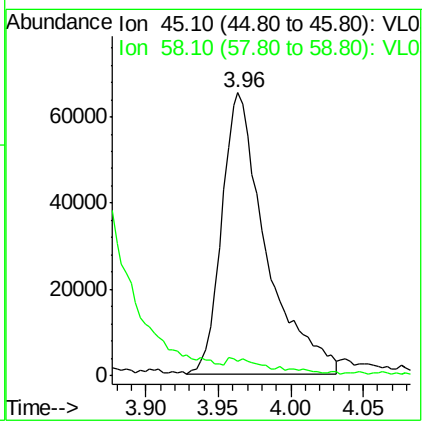


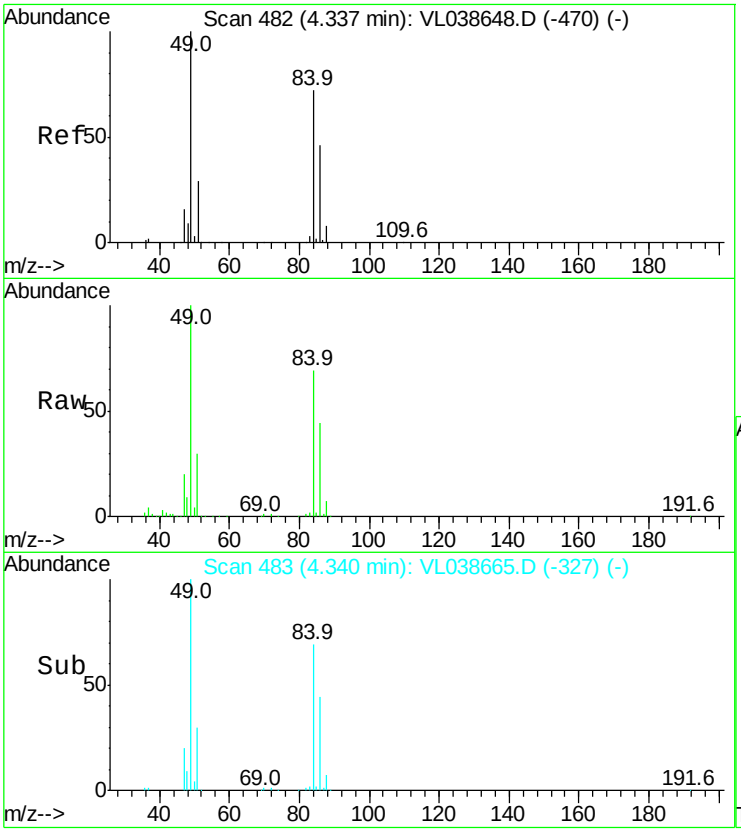




#19
Isopropyl Alcohol
Concen: 3.29 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 45 Resp: 137227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 209.0 | 2.3 | 3.5# |



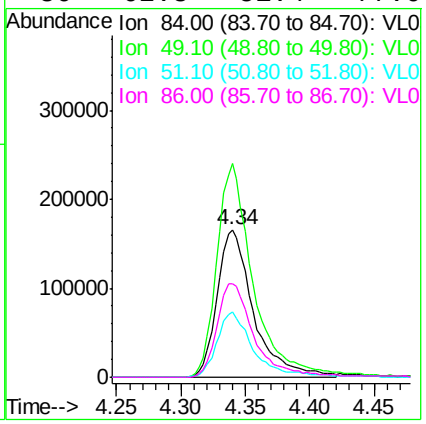


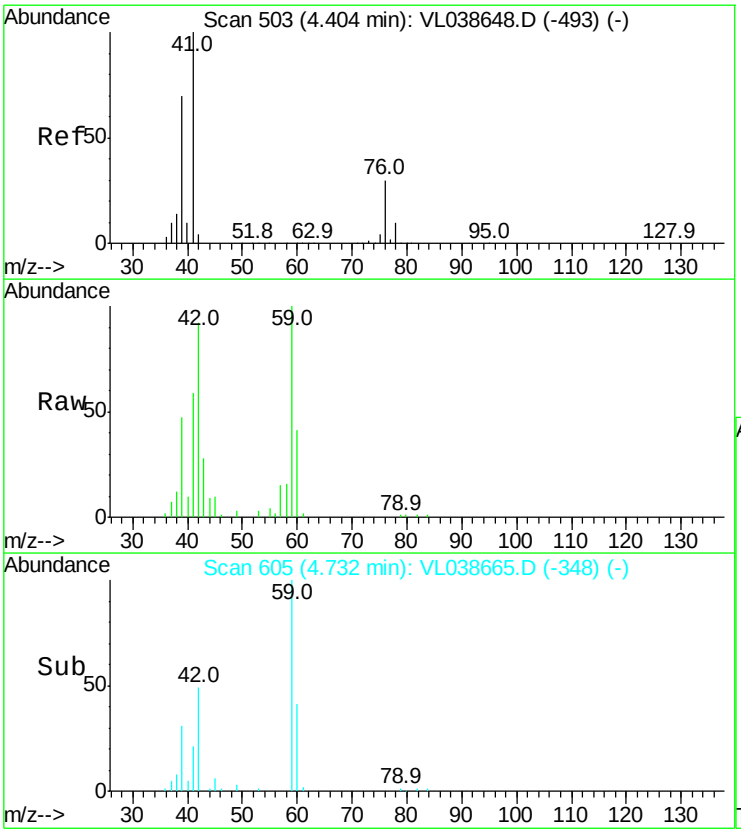

#20
Methylene Chloride
Concen: 10.26 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 84 Resp: 324894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 143.9 | 111.2 | 166.8 |
| 51 | 43.9 | 32.8 | 49.2 |
| 86 | 62.8 | 51.4 | 77.0 |

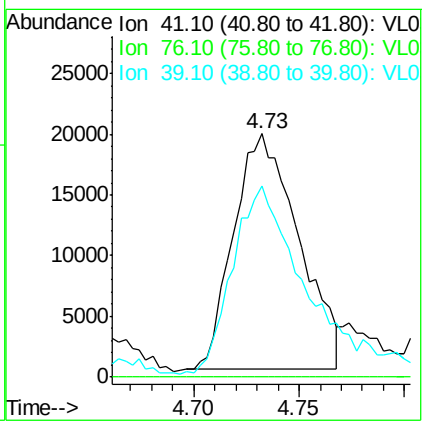


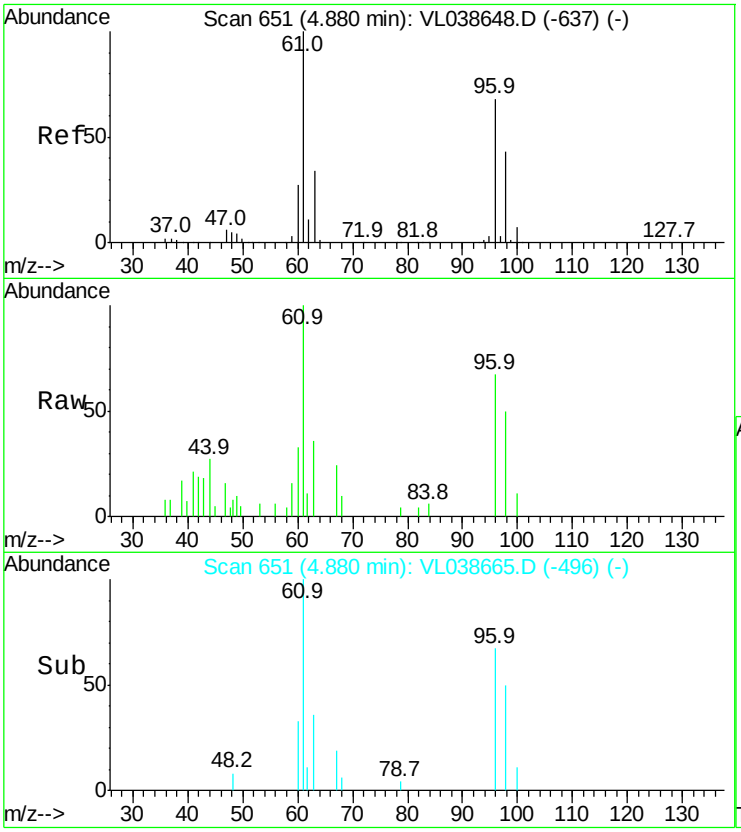




#21
Allyl Chloride
Concen: 0.77 ppbv
RT: 4.73 min Scan# 605
Delta R.T. 0.33 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 41 Resp: 41555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 22.3 | 25.0 | 37.6# |
| 39 | 90.5 | 56.6 | 85.0# |



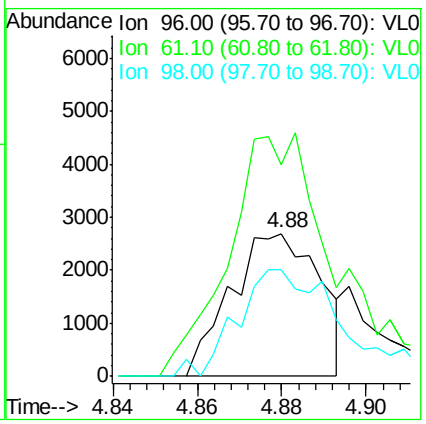


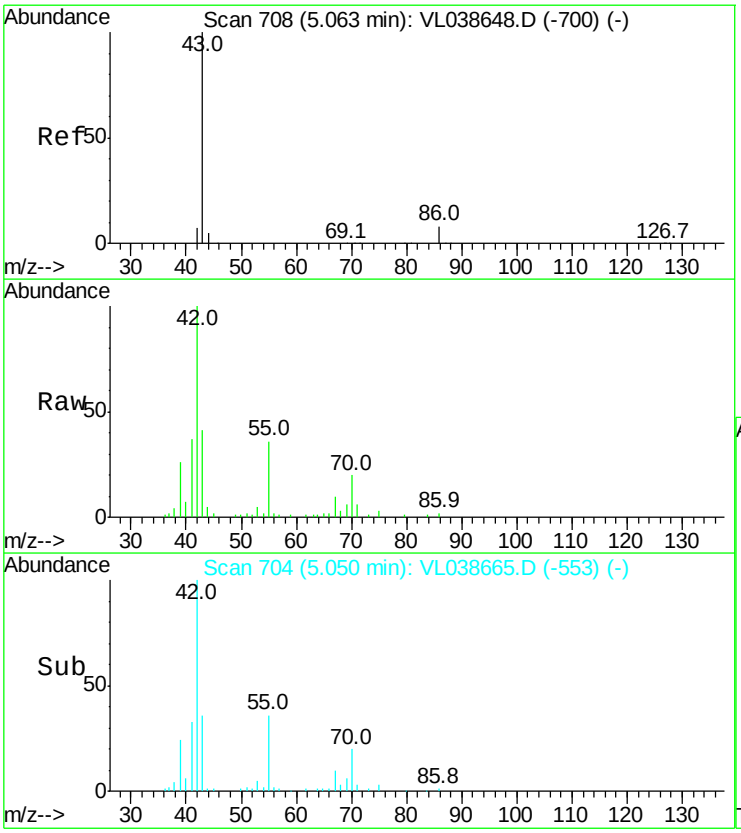

#22
trans-1,2-Dichloroethene
Concen: 0.11 ppbv
RT: 4.88
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 96 Resp: 3954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.6 | 118.3 | 177.5 |
| 98 | 62.5 | 51.3 | 76.9 |

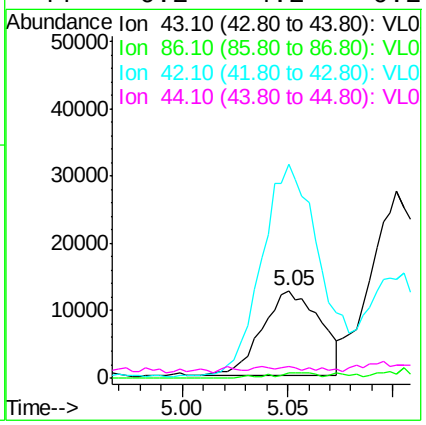


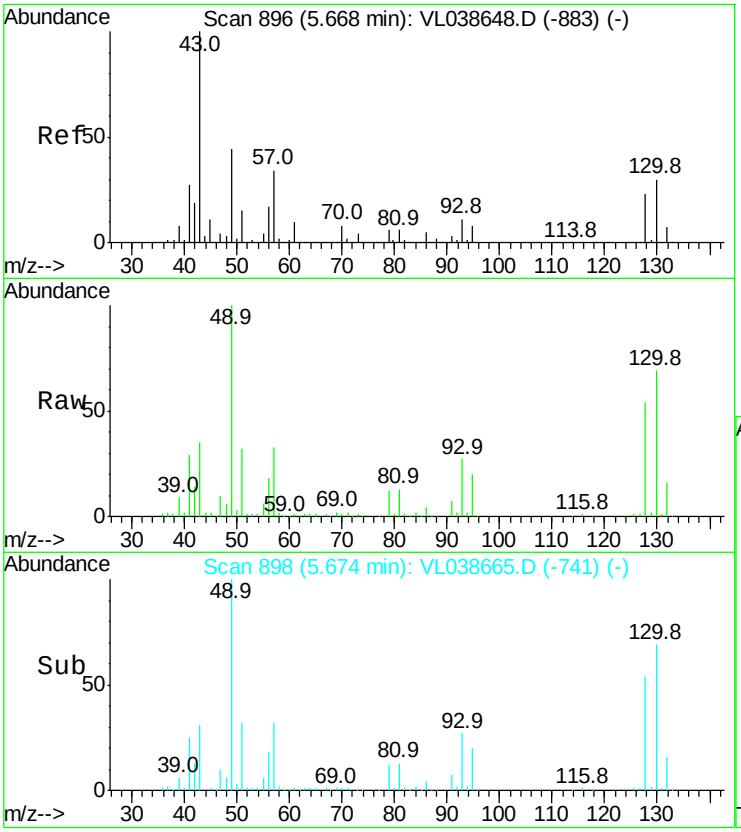




#23
Vinyl Acetate
Concen: 0.33 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 43 Resp: 24118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 5.7 | 5.6 | 8.4 |
| 42 | 247.0 | 6.8 | 10.2# |
| 44 | 6.2 | 4.2 | 6.2 |



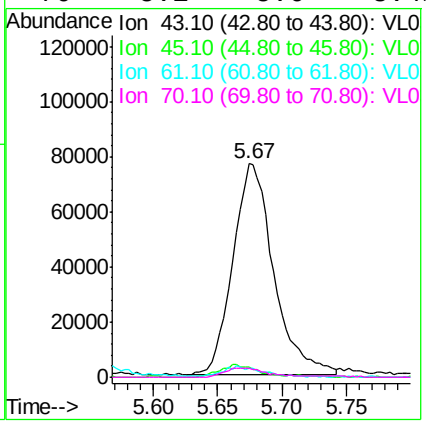


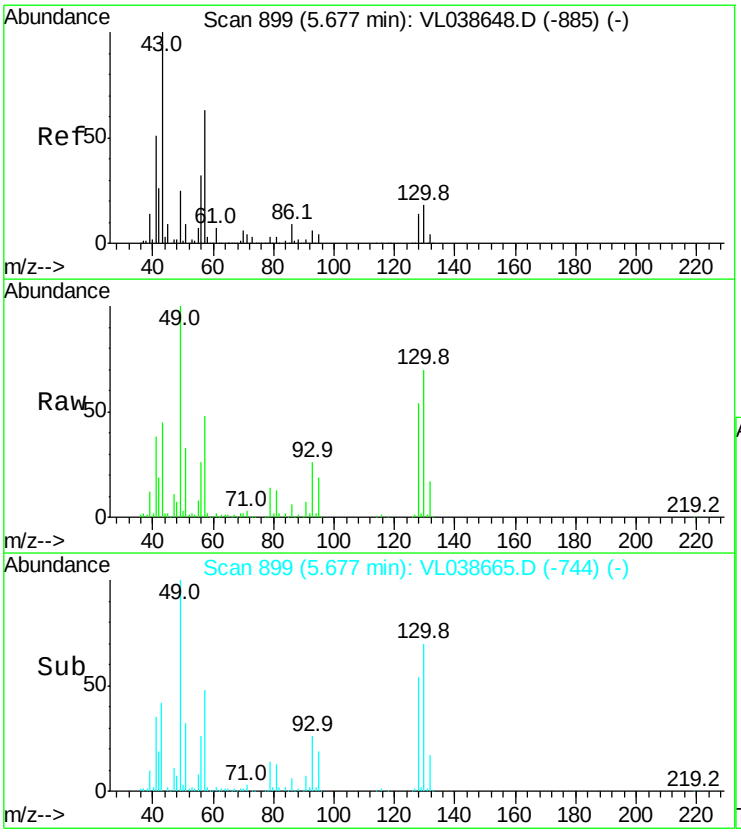

#25
Ethyl Acetate
Concen: 0.90 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 43 Resp: 170011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 6.3 | 8.2 | 12.4# |
| 61 | 5.3 | 8.3 | 12.5# |
| 70 | 5.1 | 5.6 | 8.4# |

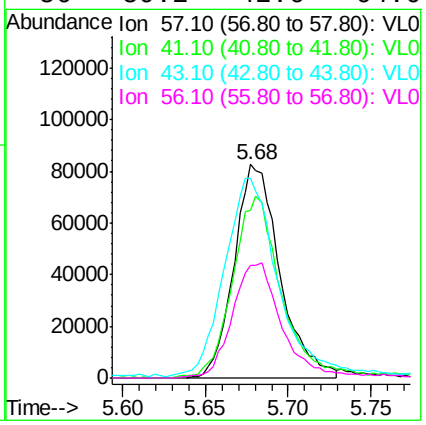


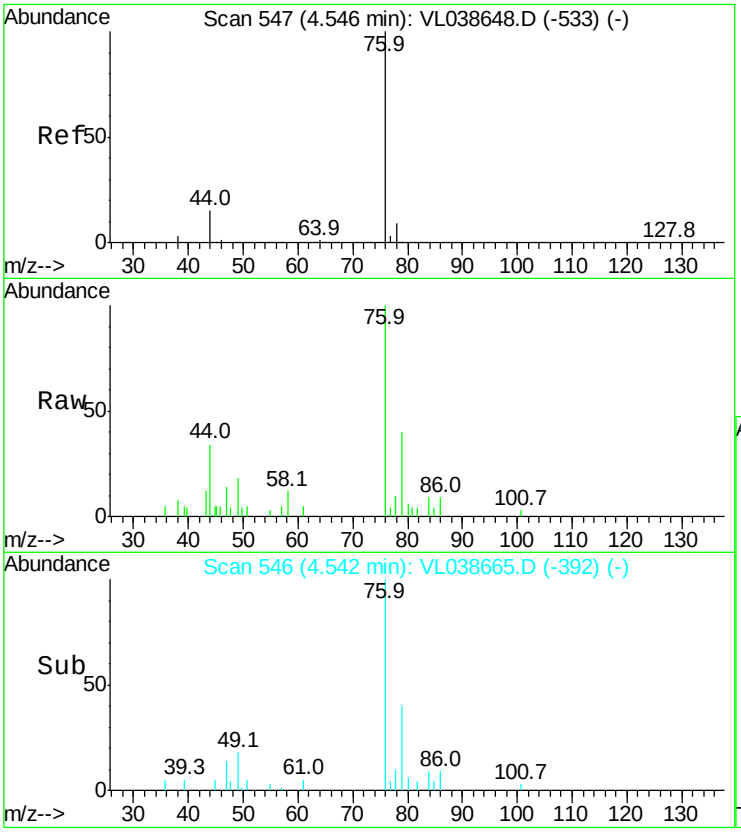




#26
Hexane
Concen: 1.87 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 57 Resp: 158476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 92.0 | 67.0 | 100.4 |
| 43 | 108.9 | 184.2 | 276.2# |
| 56 | 59.2 | 42.6 | 64.0 |



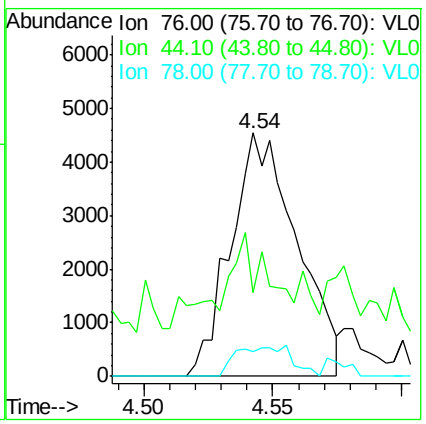


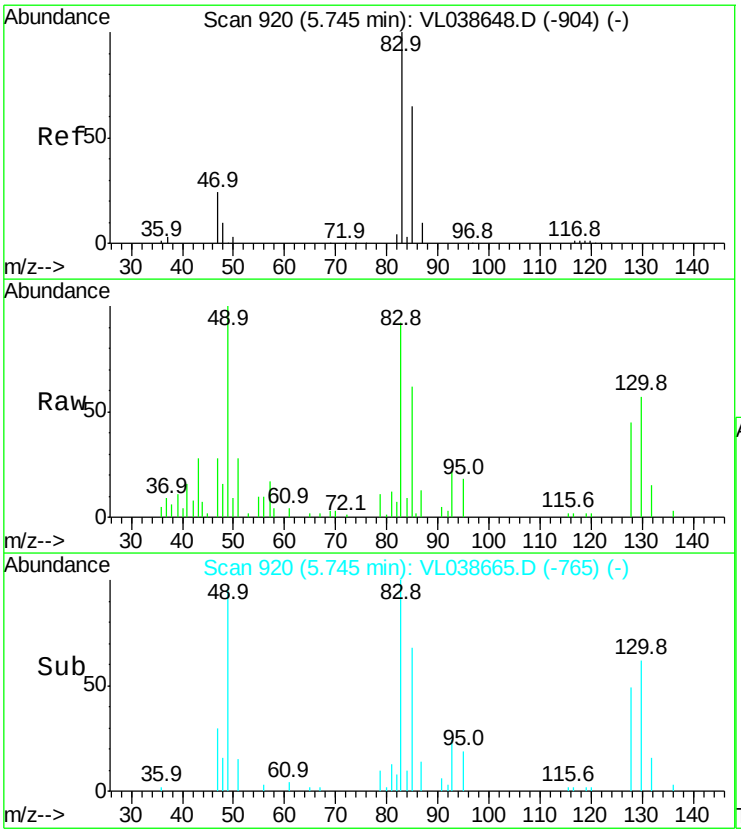

#27
Carbon Disulfide
Concen: 0.10 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 76 Resp: 8179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 32.5 | 12.4 | 18.6# |
| 78 | 12.6 | 7.8 | 11.8# |

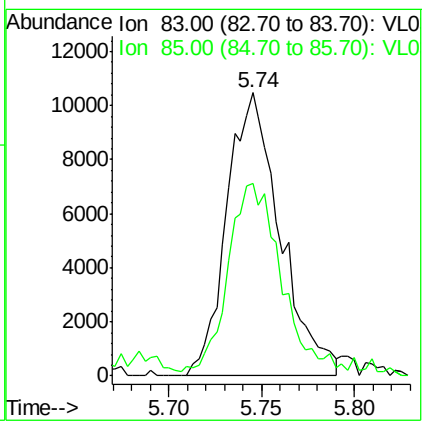


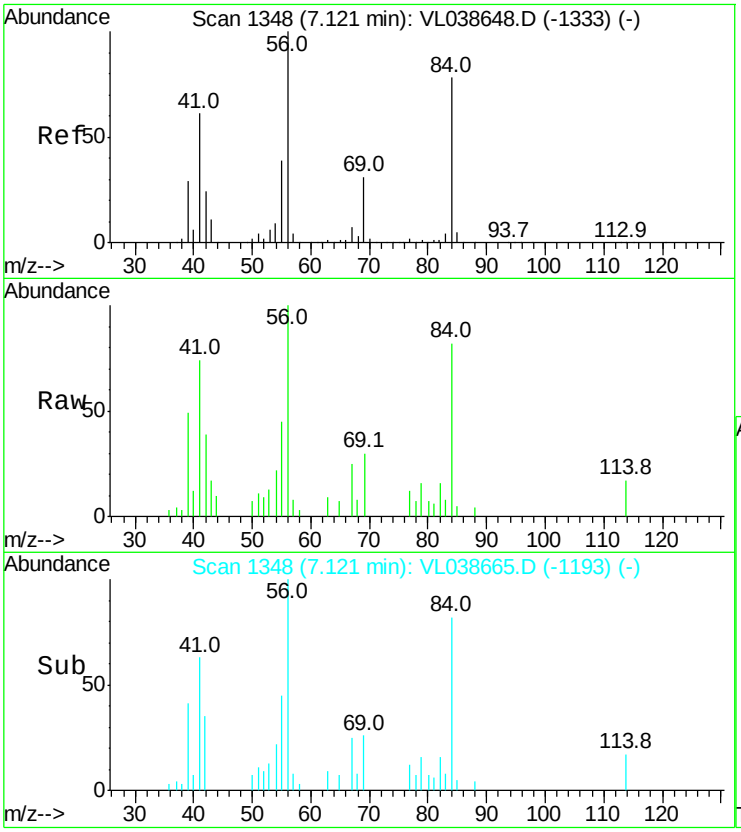




#29
Chloroform
Concen: 0.15 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 83 Resp: 20965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.8 | 51.7 | 77.5 |



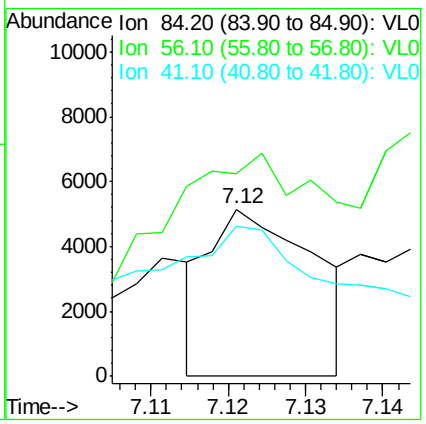


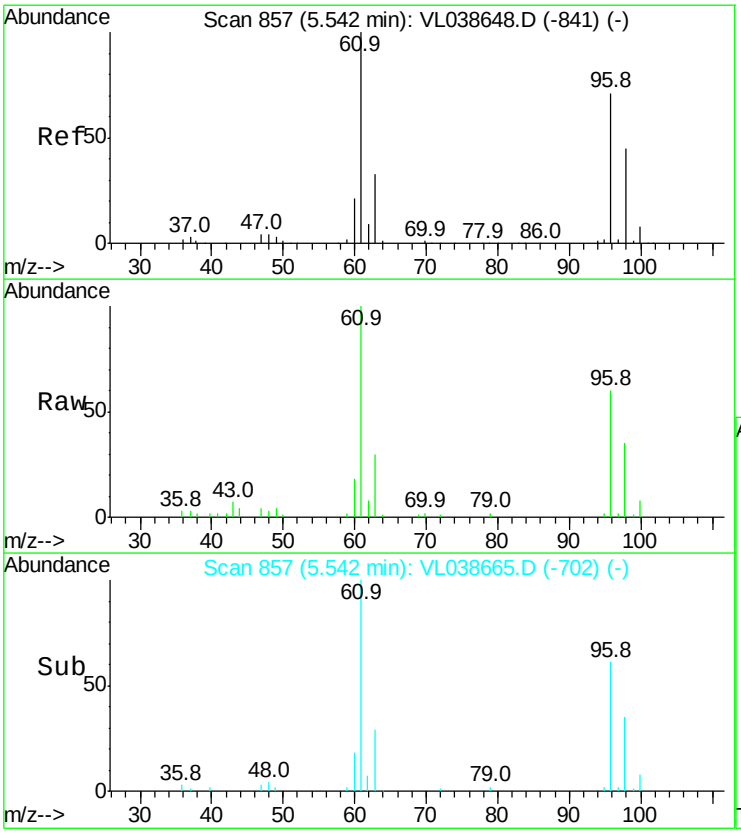

#30
Cyclohexane
Concen: 0.07 ppbv
RT: 7.12
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 84 Resp: 4827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 0.0 | 108.2 | 162.4# |
| 41 | 313.1 | 61.8 | 92.6# |

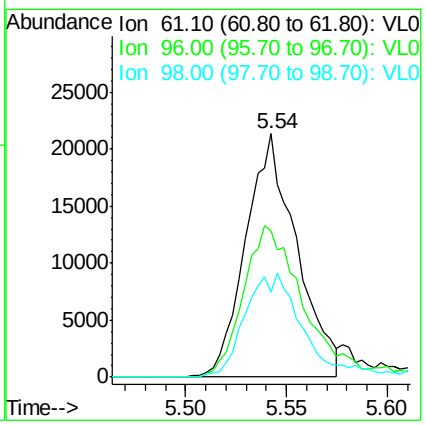


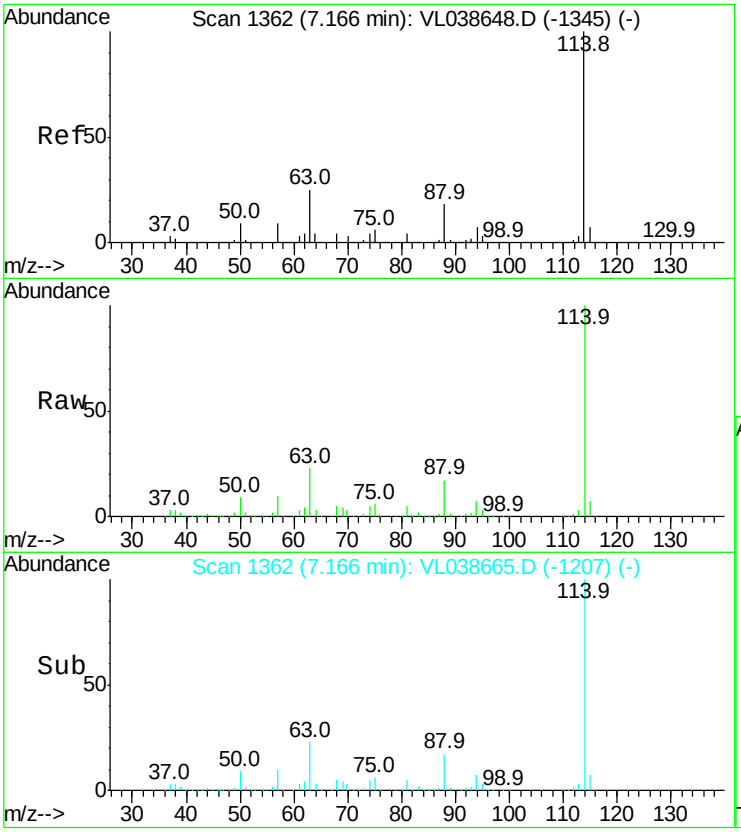




#31
cis-1,2-Dichloroethene
Concen: 0.47 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 61 Resp: 37571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 59.9 | 56.6 | 84.8 |
| 98 | 34.9 | 36.3 | 54.5# |



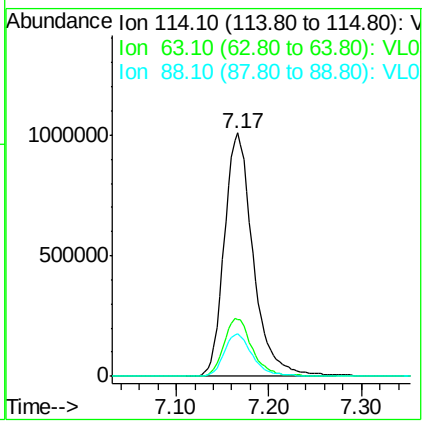


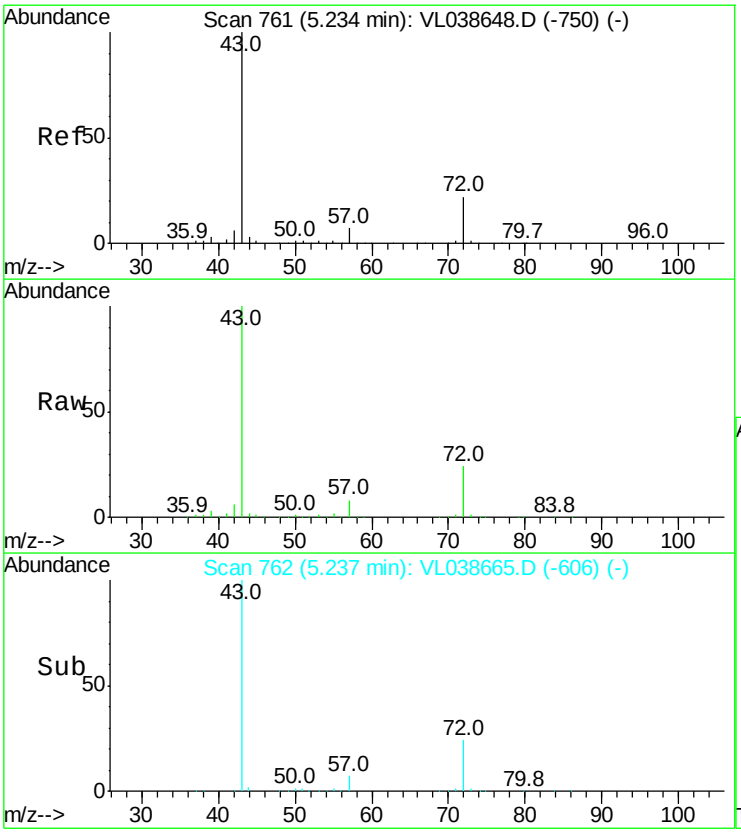

#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion:114 Resp: 2179858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.8 | 19.4 | 29.0 |
| 88 | 17.4 | 13.9 | 20.9 |

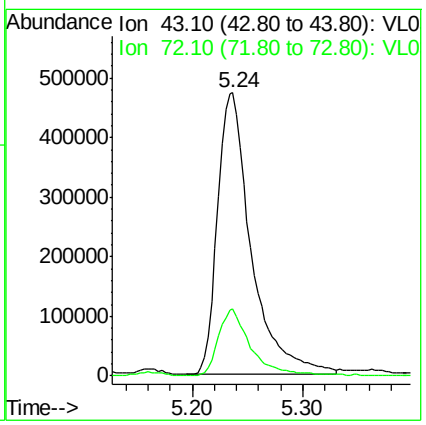


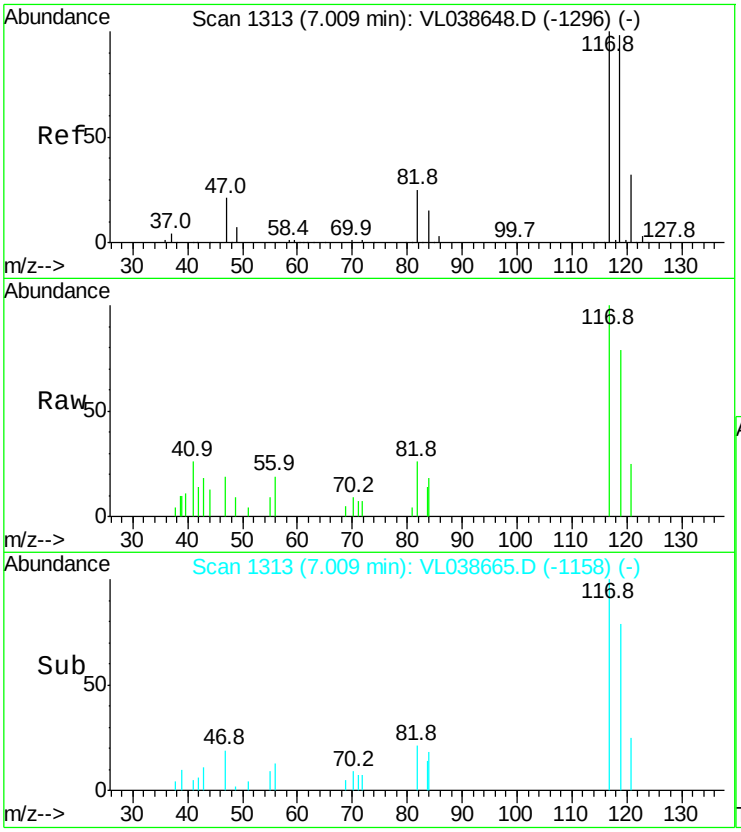




#34
2-Butanone
Concen: 11.65 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 43 Resp: 1004938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.7 | 17.8 | 26.8 |



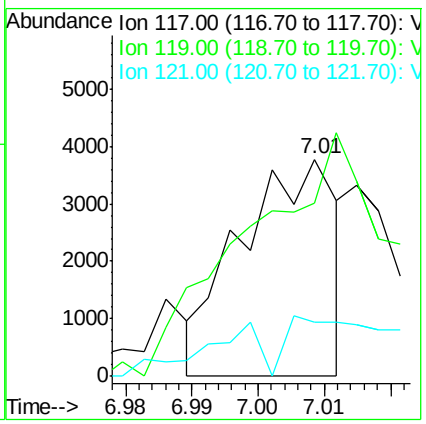


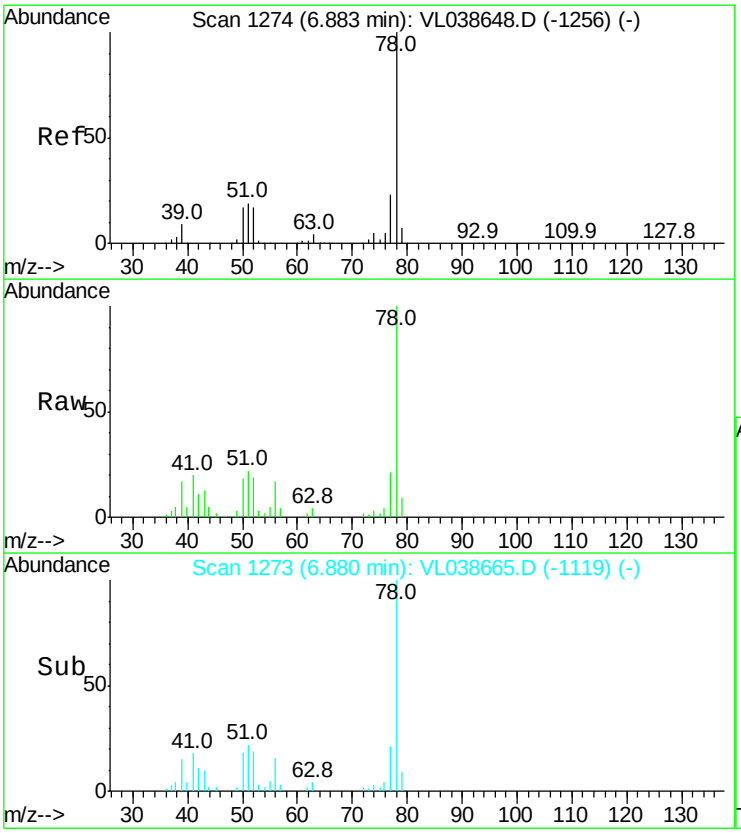

#35
Carbon Tetrachloride
Concen: 0.03 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion:117 Resp: 3760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 52.4 | 78.1 | 117.1# |
| 121 | 23.6 | 25.8 | 38.6# |

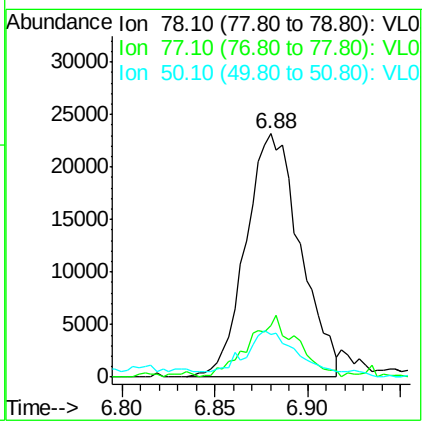


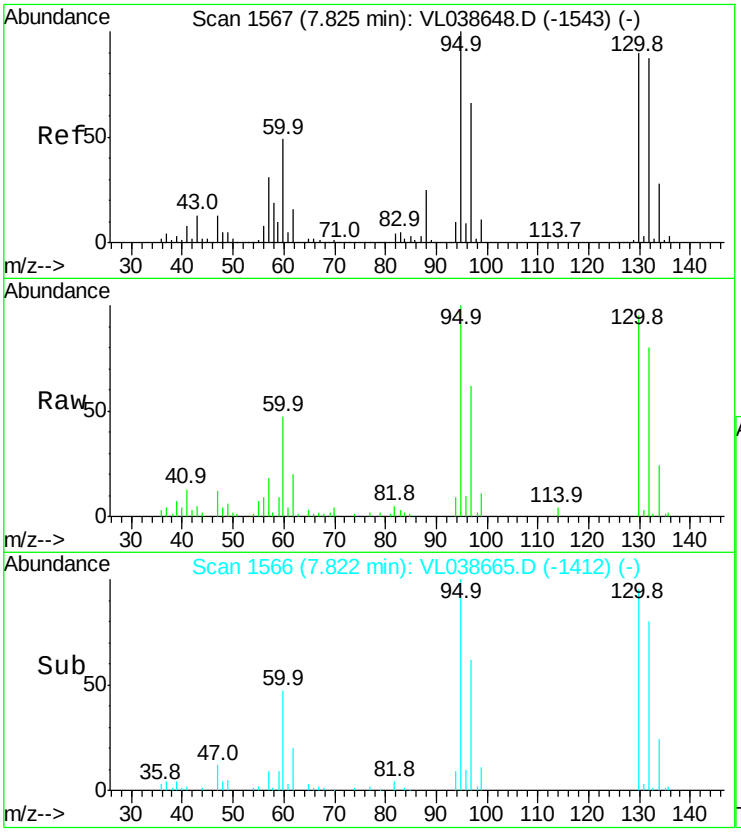




#36
Benzene
Concen: 0.28 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 78 Resp: 47144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 18.7 | 18.1 | 27.1 |
| 50 | 15.6 | 13.6 | 20.4 |



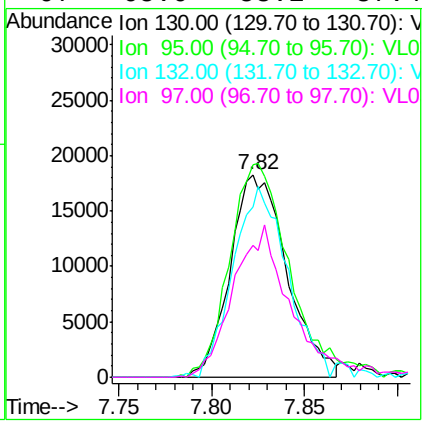


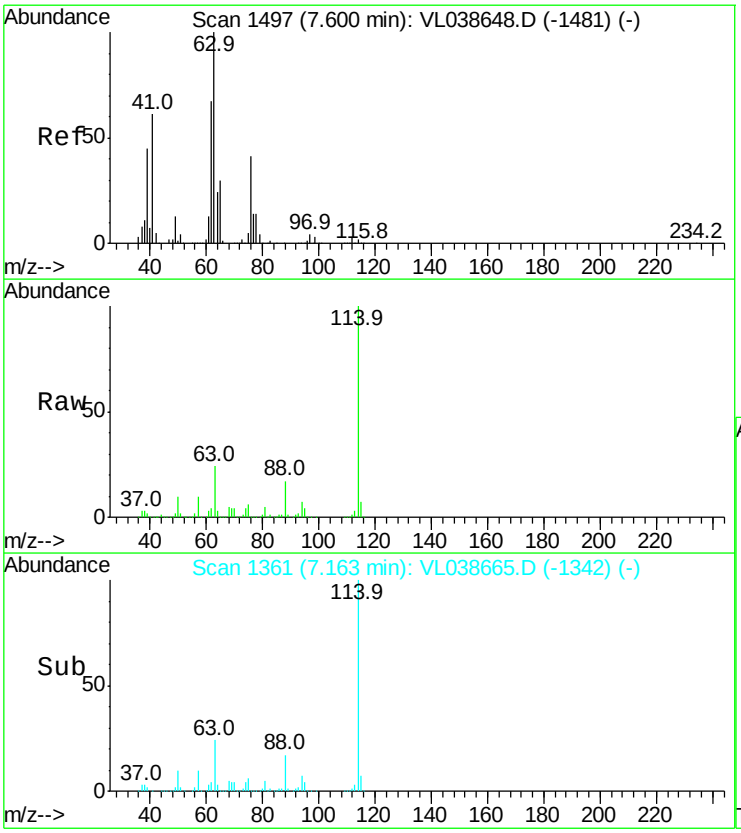

#38
Trichloroethene
Concen: 0.55 ppbv
RT: 7.82
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion:130 Resp: 38809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 104.7 | 88.9 | 133.3 |
| 132 | 83.5 | 77.4 | 116.0 |
| 97 | 65.0 | 58.2 | 87.4 |

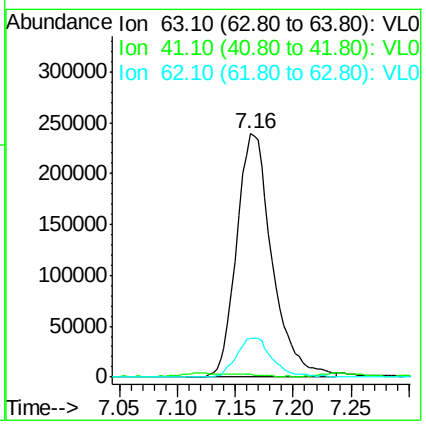


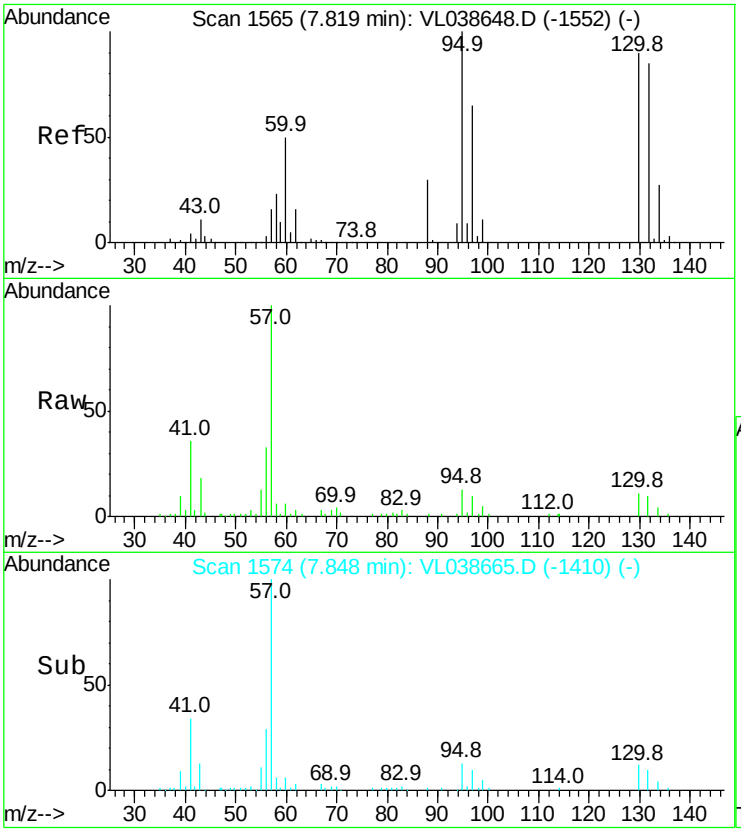




#39
1,2-Dichloropropane
Concen: 7.74 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.44 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 63 Resp: 509137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 49.0 | 73.6# |
| 62 | 16.0 | 53.9 | 80.9# |



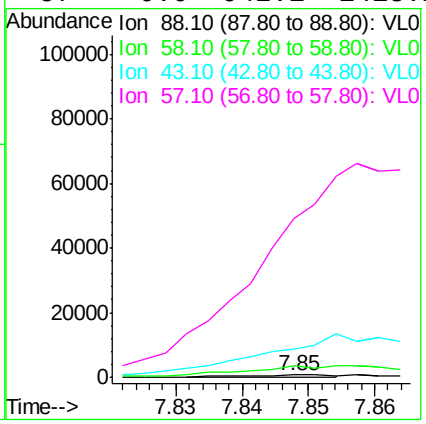


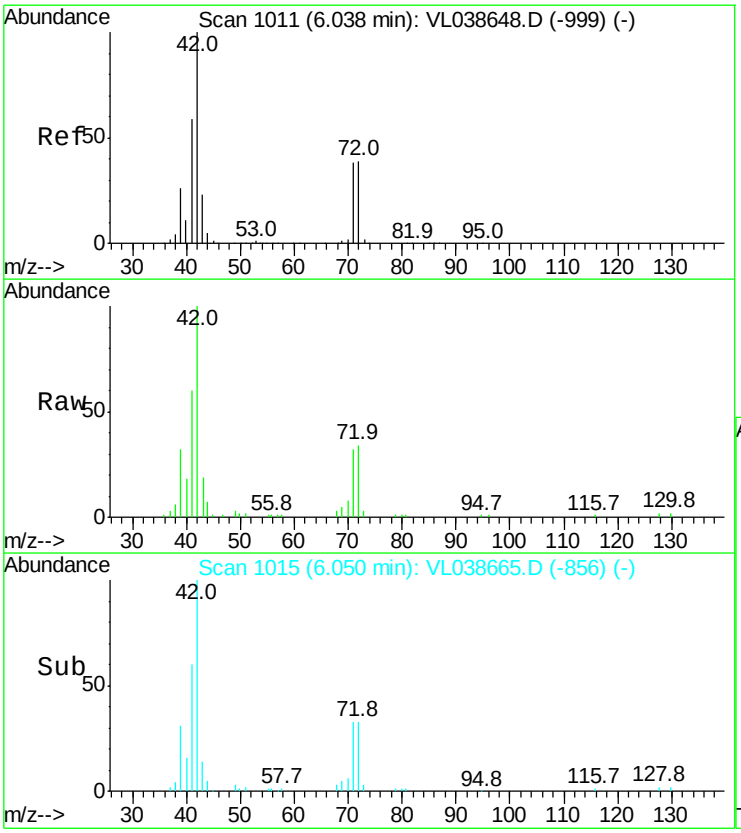

#40
1,4-Dioxane
Concen: 0.03 ppbv
RT: 7.85
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 88 Resp: 591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 1456.5 | 105.6 | 158.4# |
| 43 | 0.0 | 201.9 | 302.9# |
| 57 | 0.0 | 942.1 | 1413.1# |

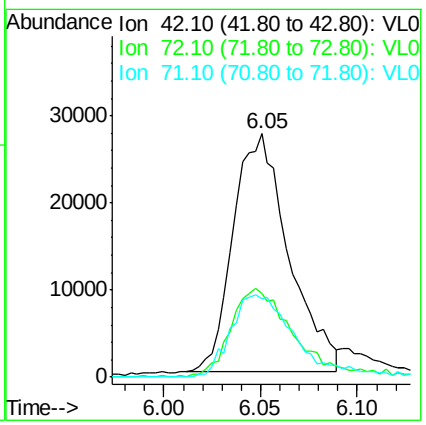


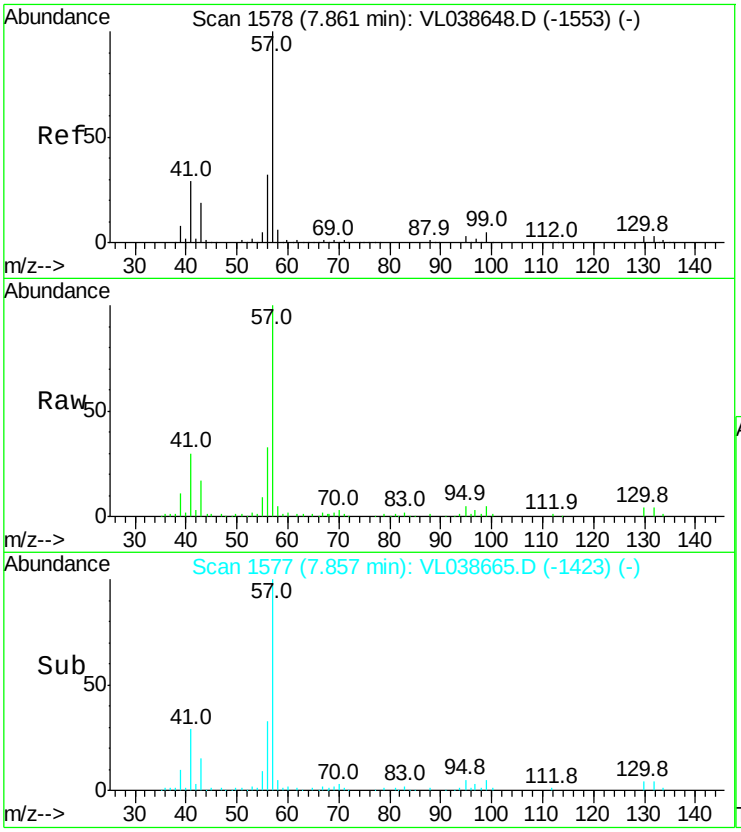




#41
Tetrahydrofuran
Concen: 0.84 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 42 Resp: 54255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.1 | 32.5 | 48.7 |
| 71 | 40.8 | 31.4 | 47.2 |



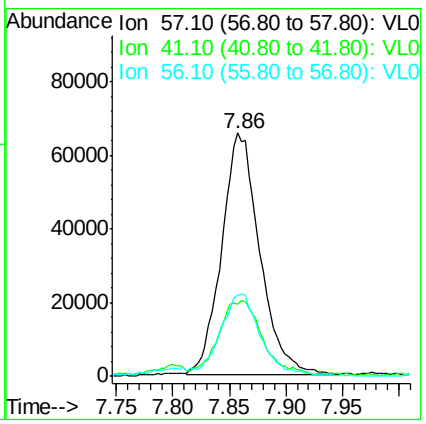


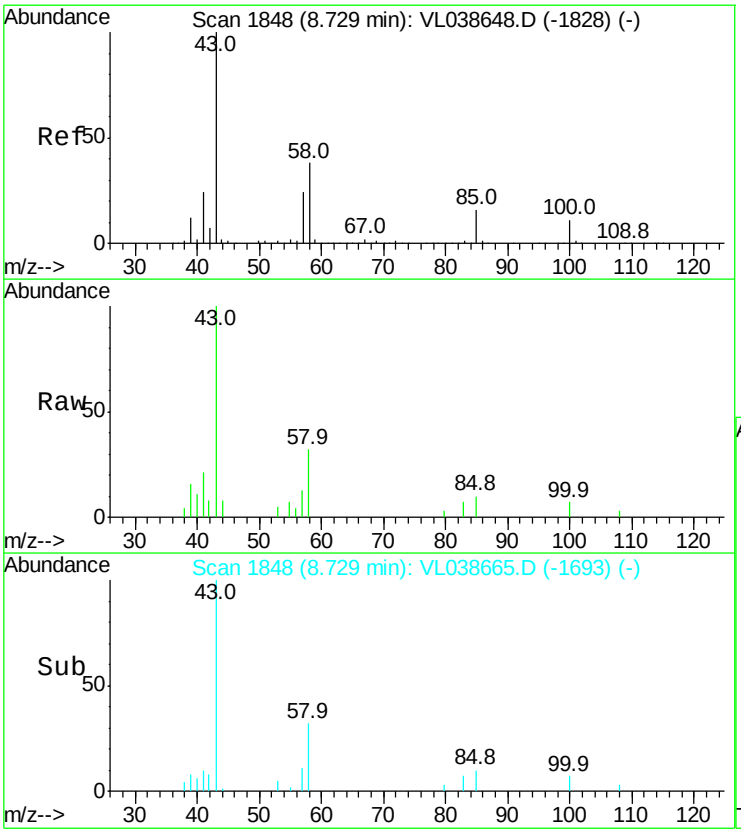

#44
2,2,4-Trimethylpentane
Concen: 0.54 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 57 Resp: 153710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 35.9 | 23.0 | 34.4# |
| 56 | 40.5 | 25.3 | 37.9# |

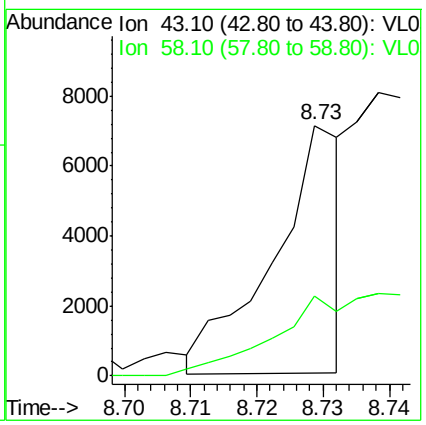


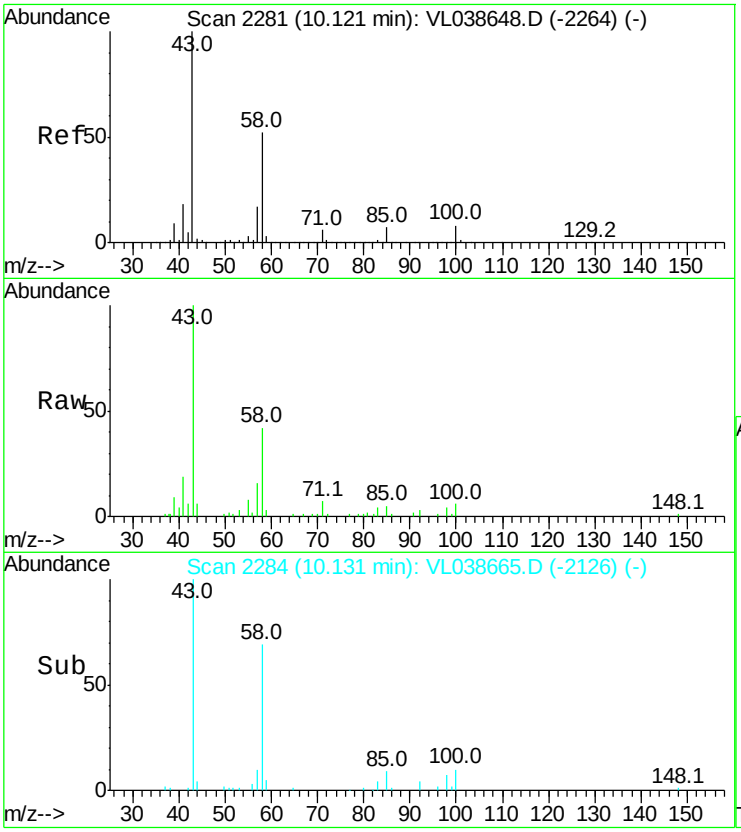




#50
4-Methyl-2-Pentanone
Concen: 0.03 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 43 Resp: 5091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 29.9 | 44.9# |



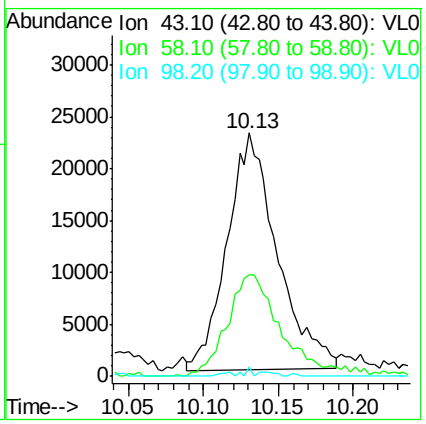


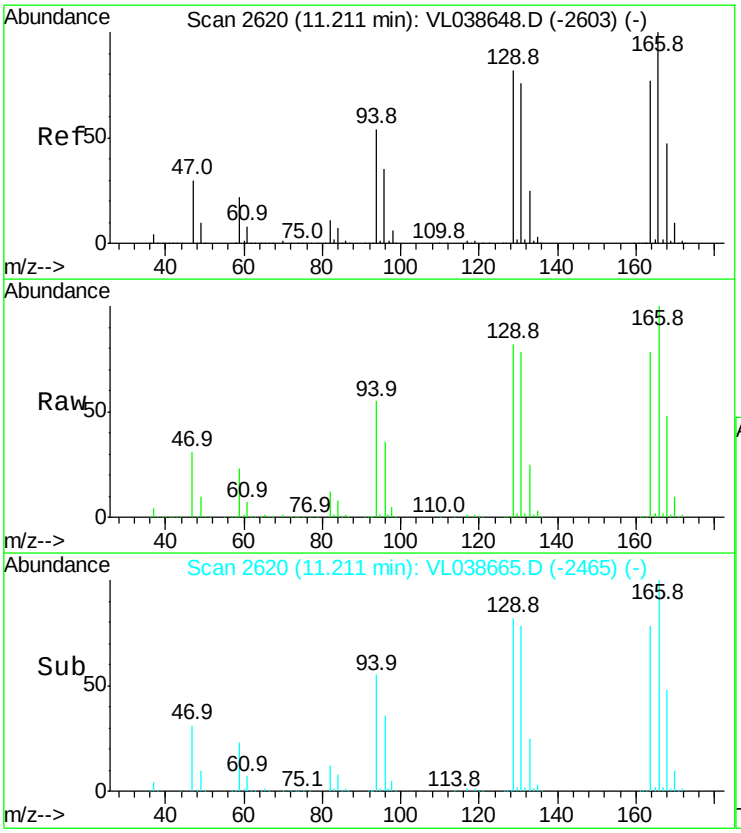

#51
2-Hexanone
Concen: 0.46 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 43 Resp: 53430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 48.2 | 41.2 | 61.8 |
| 98 | 1.7 | 0.2 | 0.4# |

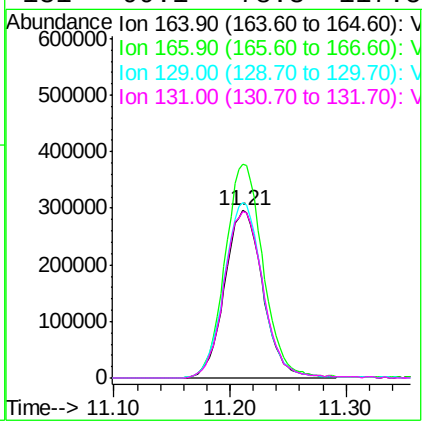


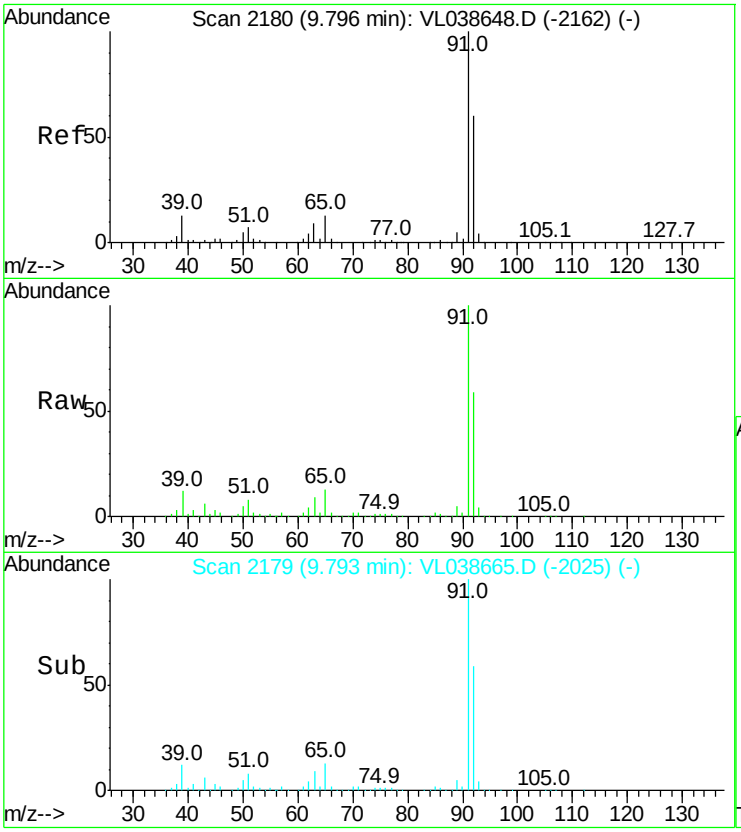




#52
Tetrachloroethene
Concen: 11.05 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion:164 Resp: 680347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.1 | 103.3 | 154.9 |
| 129 | 104.5 | 85.2 | 127.8 |
| 131 | 99.1 | 78.3 | 117.5 |



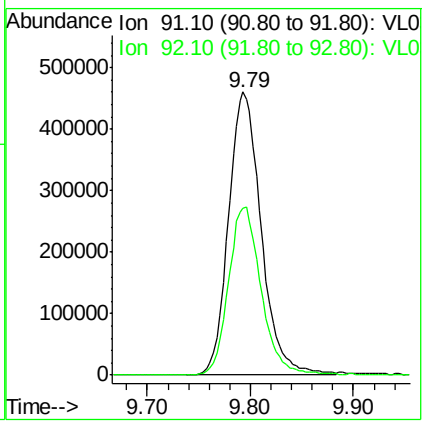


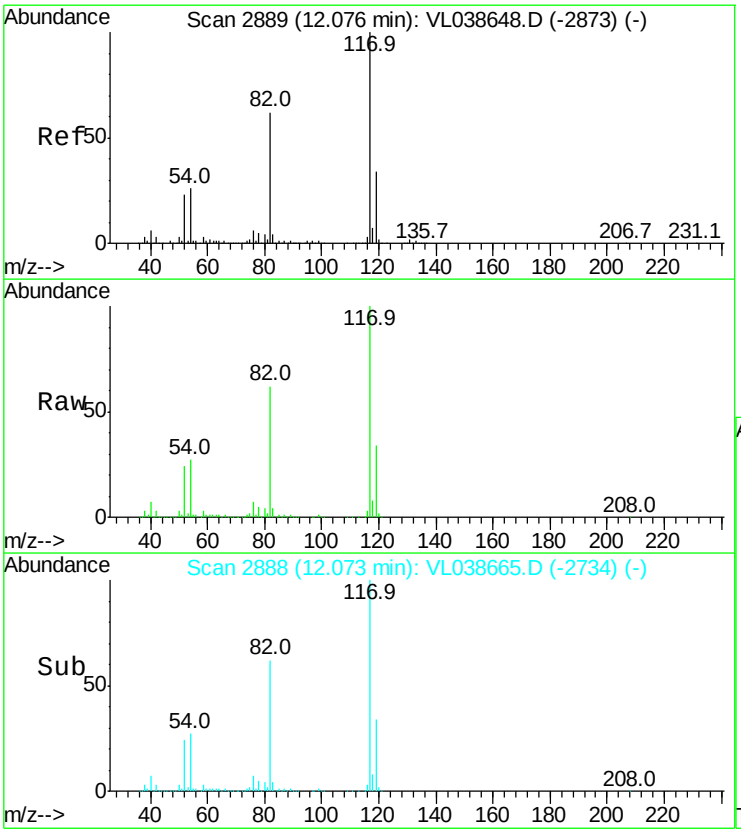

#53
Toluene
Concen: 5.63 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 91 Resp: 1018267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.9 | 48.7 | 73.1 |

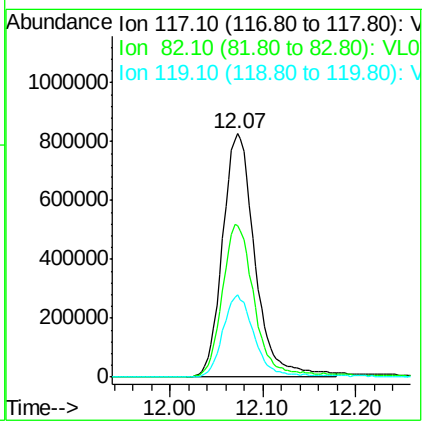


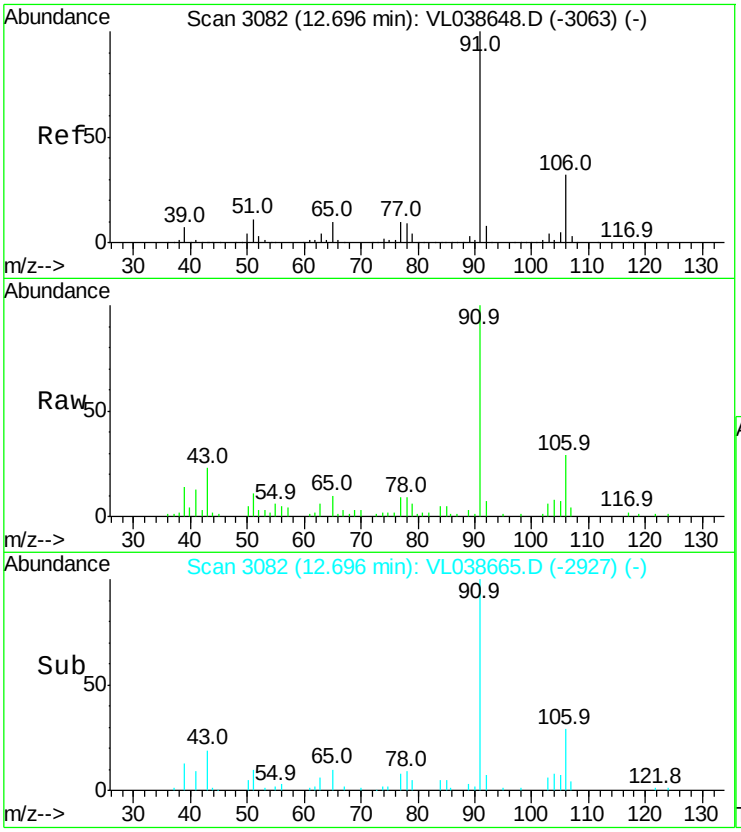




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion:117 Resp: 2015612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 63.9 | 51.6 | 77.4 |
| 119 | 33.7 | 26.9 | 40.3 |



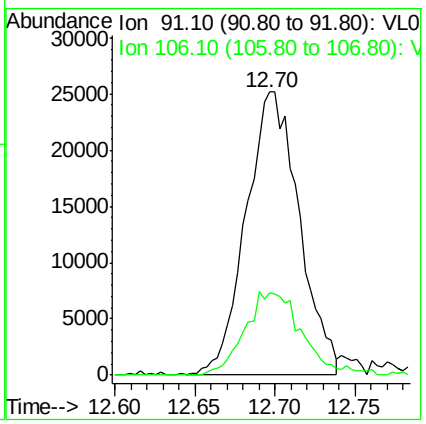


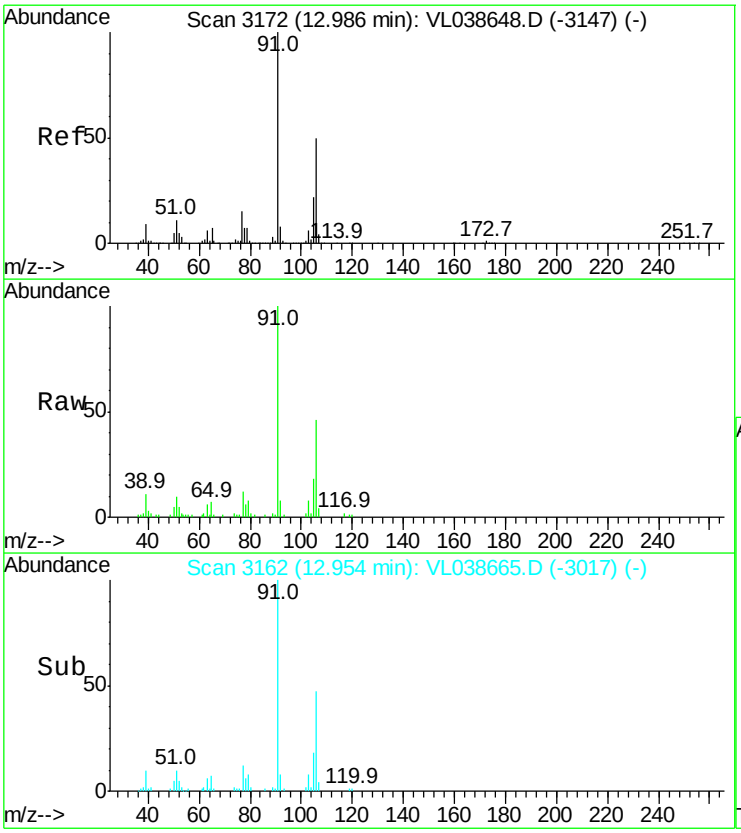

#58
Ethyl Benzene
Concen: 0.24 ppbv
RT: 12.70
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 91 Resp: 57584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.9 | 25.4 | 38.0 |

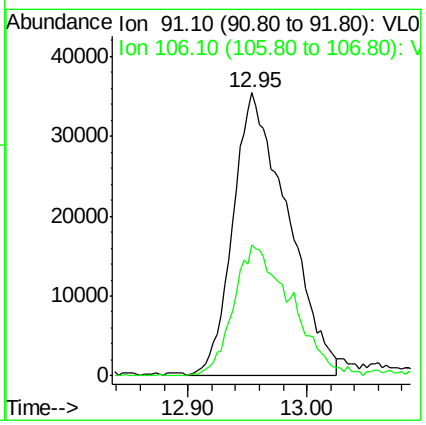


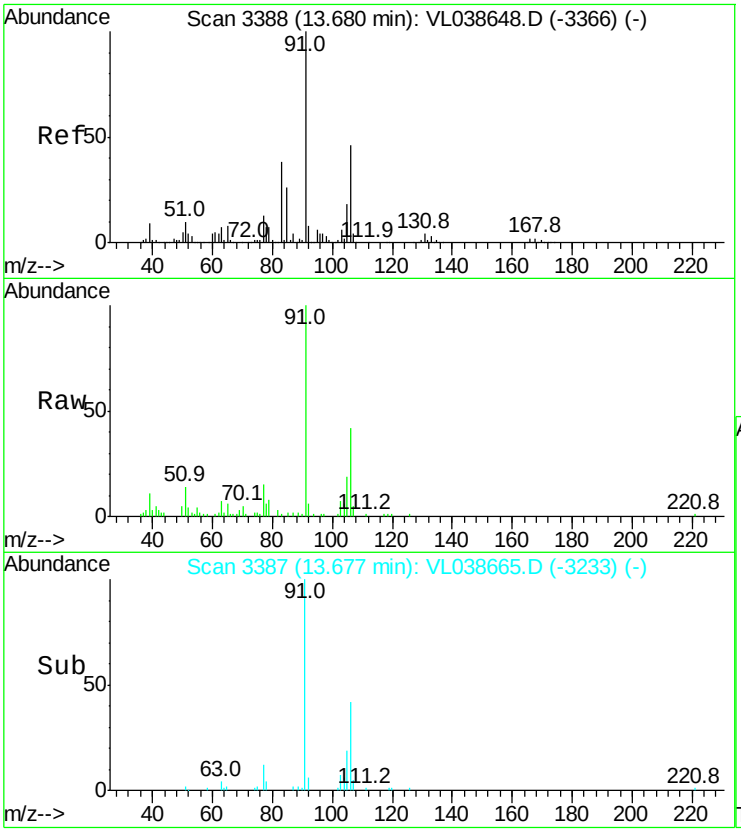




#59
m/p-Xylene
Concen: 0.55 ppbv
RT: 12.95 min Scan# 3162
Delta R.T. -0.03 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 91 Resp: 112655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 48.5 | 37.2 | 55.8 |



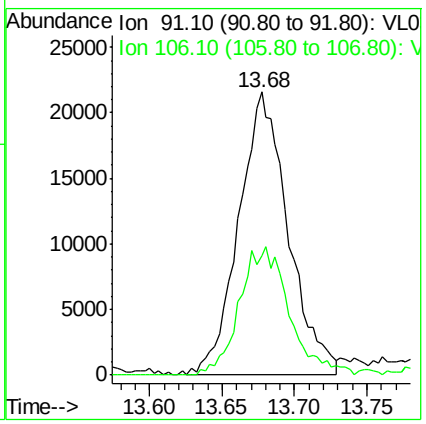


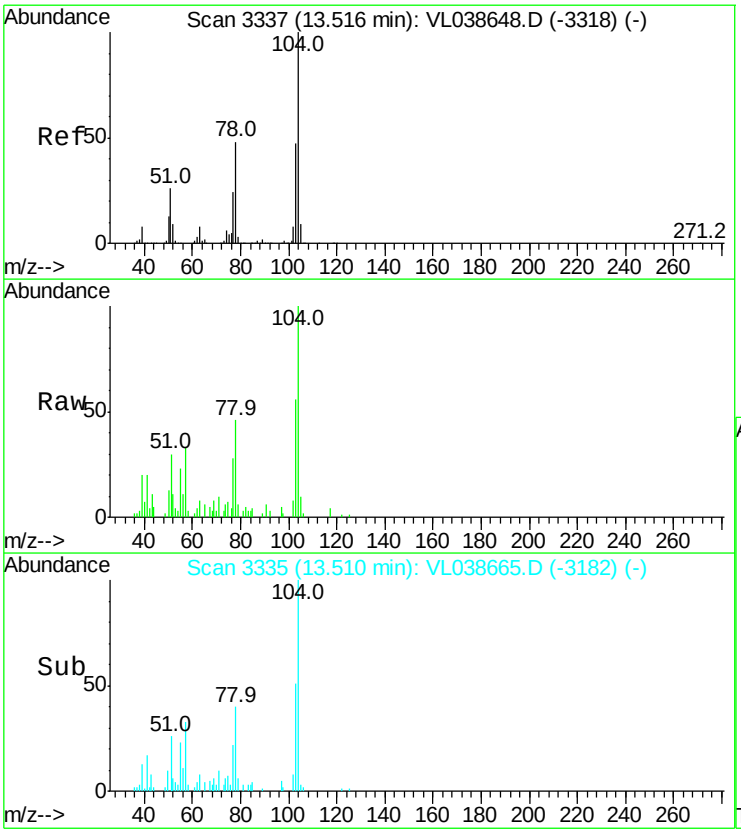

#60
o-Xylene
Concen: 0.26 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion: 91 Resp: 51137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 46.7 | 23.5 | 70.5 |

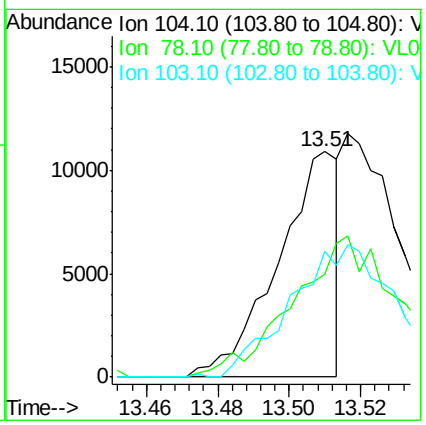


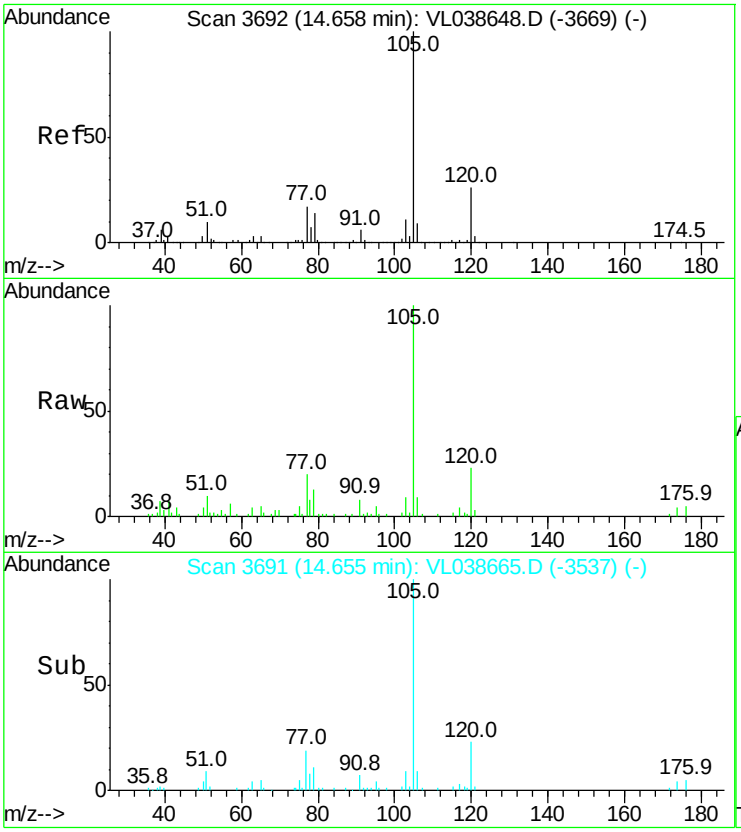




#61
Styrene
Concen: 0.12 ppbv
RT: 13.51 min Scan# 3335
Delta R.T. -0.01 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion:104 Resp: 12779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 39.0 | 58.4# |
| 103 | 0.0 | 37.8 | 56.8# |



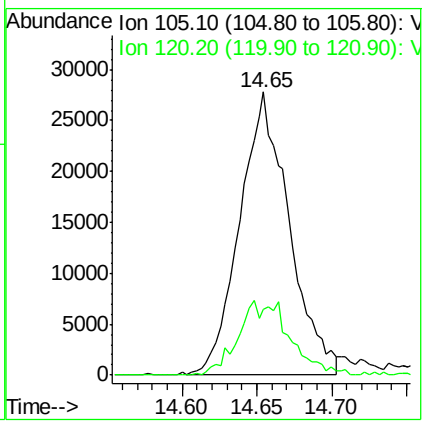


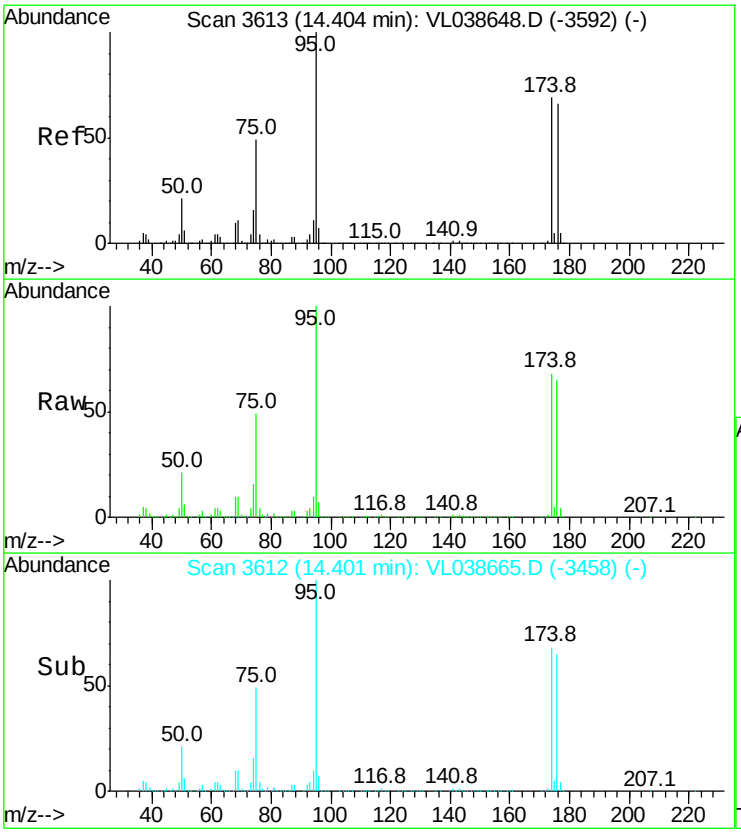

#62
Isopropylbenzene
Concen: 0.22 ppbv
RT: 14.65
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion:105 Resp: 63820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.6 | 21.2 | 31.8 |

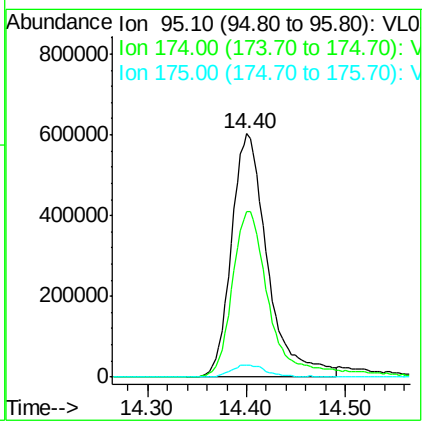


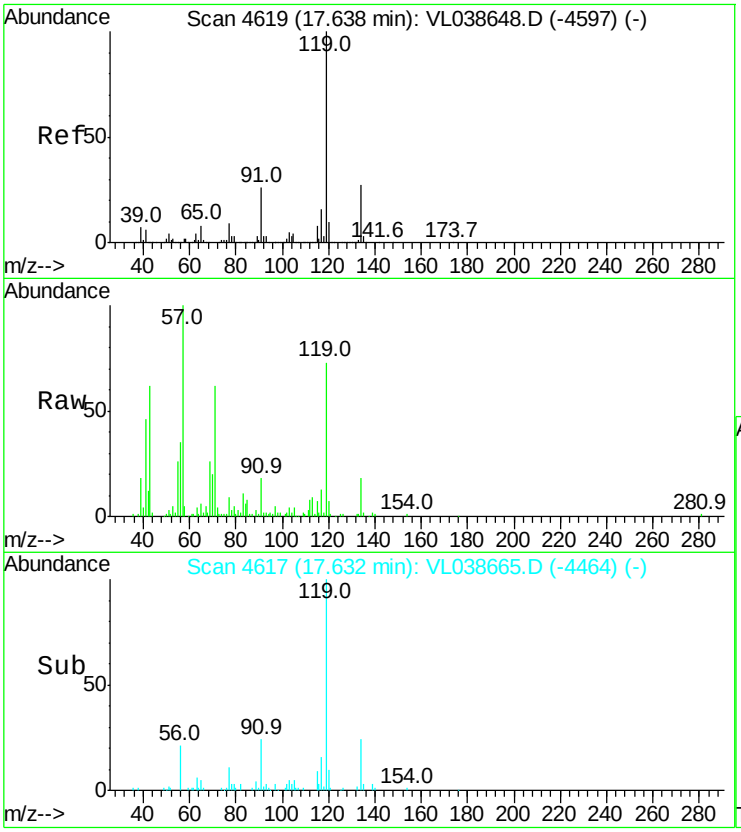




#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 95 Resp: 1533506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.2 | 56.1 | 84.1 |
| 175 | 5.1 | 4.2 | 6.2 |



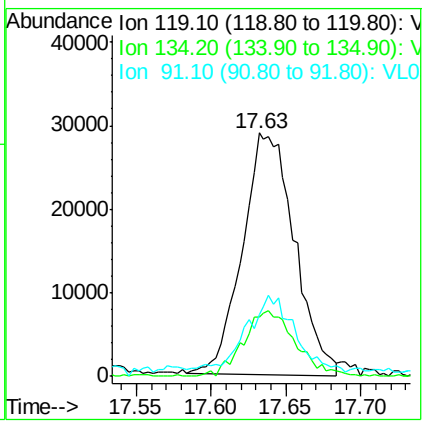


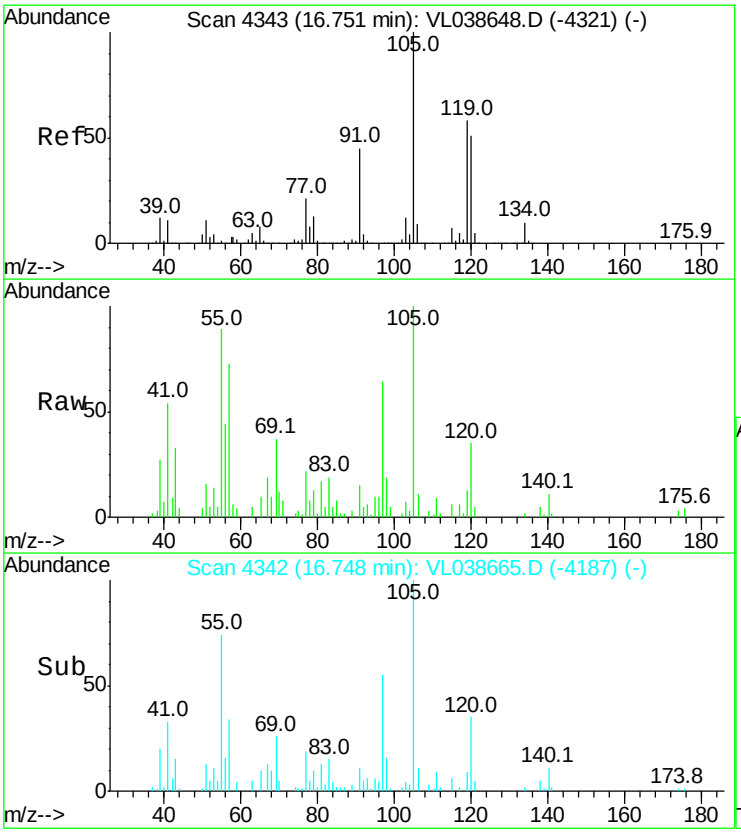

#69
p-Isopropyltoluene
Concen: 0.23 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 22 Mar 2022 00:40

**Instrument :**
MSVOA_L
**ClientSampleId :**
C0P80

Tgt Ion:119 Resp: 69989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.5 | 21.2 | 31.8 |
| 91 | 32.0 | 21.4 | 32.2 |




#74
1,2,4-Trimethylbenzene
Concen: 0.11 ppbv
RT: 16.75 min Scan# 4342
Delta R.T. -0.00 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion:105 Resp: 25193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 36.6 | 40.5 | 60.7# |
| 91 | 15.1 | 35.9 | 53.9# |
| 77 | 17.6 | 16.6 | 25.0 |