Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101220\
Data File : VL035762.D
Acq On : 12 Oct 2020 15:19
Operator : SY/AP
Sample : L4347-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Quant Time: Oct 13 00:04:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.66 | 49 | 1084673 | 10.00 | ppbv | | -0.02 |
| 33) 1,4-Difluorobenzene | 7.17 | 114 | 4372217 | 10.00 | ppbv | | -0.02 |
| 55) Chlorobenzene-d5 | 12.09 | 117 | 4223063 | 10.00 | ppbv | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.42 | 95 | 3155012 | 9.97 | ppbv | | -0.02 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 99.70% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.03 | 85 | 52780 | 0.297 | ppbv | | 94 |
| 3) Chlorodifluoromethane | 2.95 | 51 | 279765 | 2.397 | ppbv | # | 64 |
| 4) Chloromethane | 3.13 | 50 | 33397 | 0.533 | ppbv | | 100 |
| 9) Propene | 3.01 | 41 | 64056 | 1.512 | ppbv | # | 71 |
| 10) Heptane | 8.12 | 43 | 59336 | 0.502 | ppbv | | 100 |
| 11) Trichlorofluoromethane | 3.94 | 101 | 64681 | 0.255 | ppbv | | 92 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.47 | 101 | 14593 | 0.077 | ppbv | | 99 |
| 13) Ethanol | 3.59 | 45 | 1581373 | 151.351 | ppbv | | 100 |
| 15) Acetone | 3.83 | 43 | 3541244 | 30.341 | ppbv | | 97 |
| 16) 1,3-Butadiene | 3.29 | 39 | 5836 | 0.137 | ppbv | # | 22 |
| 17) tert-Butyl alcohol | 4.30 | 59 | 24570 | 0.193 | ppbv | # | 72 |
| 19) Isopropyl Alcohol | 3.96 | 45 | 715115 | 11.264 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.34 | 84 | 284815 | 3.322 | ppbv | | 98 |
| 21) Allyl Chloride | 4.58 | 41 | 2549 | 0.045 | ppbv | # | 1 |
| 23) Vinyl Acetate | 5.05 | 43 | 54711 | 0.383 | ppbv | # | 1 |
| 25) Ethyl Acetate | 5.67 | 43 | 495733 | 2.360 | ppbv | # | 95 |
| 26) Hexane | 5.68 | 57 | 161686 | 1.405 | ppbv | # | 46 |
| 27) Carbon Disulfide | 4.54 | 76 | 9105 | 0.053 | ppbv | # | 50 |
| 31) cis-1,2-Dichloroethene | 5.66 | 61 | 72155 | 0.649 | ppbv | # | 14 |
| 34) 2-Butanone | 5.24 | 43 | 147774 | 1.022 | ppbv | | 97 |
| 35) Carbon Tetrachloride | 7.01 | 117 | 15571 | 0.068 | ppbv | # | 87 |
| 36) Benzene | 6.89 | 78 | 62443 | 0.219 | ppbv | # | 95 |
| 39) 1,2-Dichloropropane | 7.17 | 63 | 843241 | 8.166 | ppbv | # | 30 |
| 44) 2,2,4-Trimethylpentane | 7.87 | 57 | 104352 | 0.255 | ppbv | # | 88 |
| 52) Tetrachloroethene | 11.23 | 164 | 13037 | 0.095 | ppbv | | 88 |
| 53) Toluene | 9.81 | 91 | 4058000 | 12.079 | ppbv | | 100 |
| 58) Ethyl Benzene | 12.72 | 91 | 130219 | 0.307 | ppbv | # | 87 |
| 59) m/p-Xylene | 12.98 | 91 | 175874 | 0.475 | ppbv | # | 56 |
| 60) o-Xylene | 13.70 | 91 | 114538 | 0.306 | ppbv | | 98 |
| 61) Styrene | 13.54 | 104 | 93951 | 0.363 | ppbv | | 98 |
| 62) Isopropylbenzene | 14.68 | 105 | 71191 | 0.123 | ppbv | | 95 |
| 69) p-Isopropyltoluene | 17.66 | 119 | 58622 | 0.099 | ppbv | | 99 |
| 72) 4-Ethyltoluene | 15.85 | 105 | 19791 | 0.045 | ppbv | # | 93 |
| 74) 1,2,4-Trimethylbenzene | 16.77 | 105 | 40470 | 0.086 | ppbv | # | 72 |

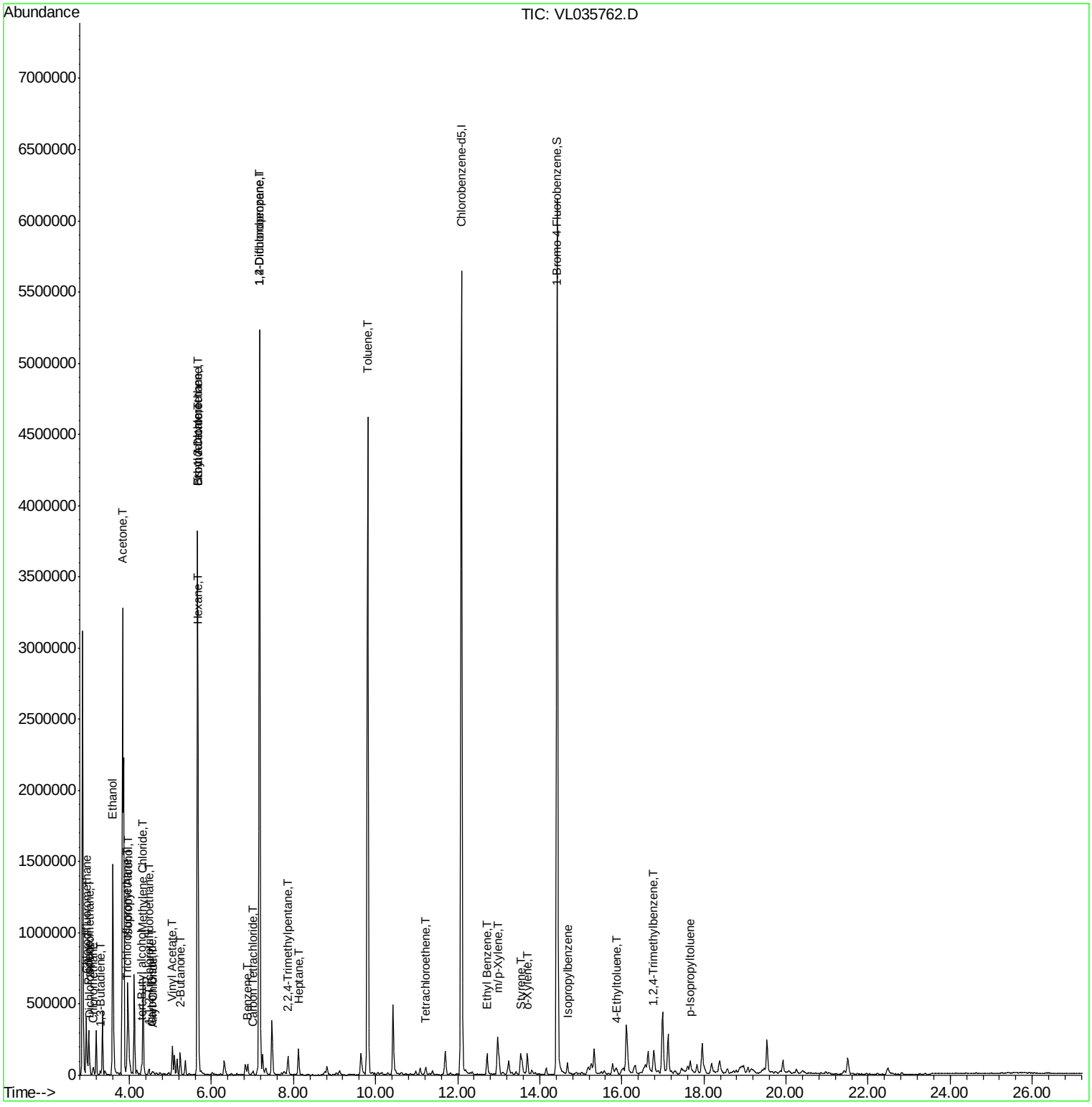
(#) = qualifier out of range (m) = manual integration (+) = signals summed

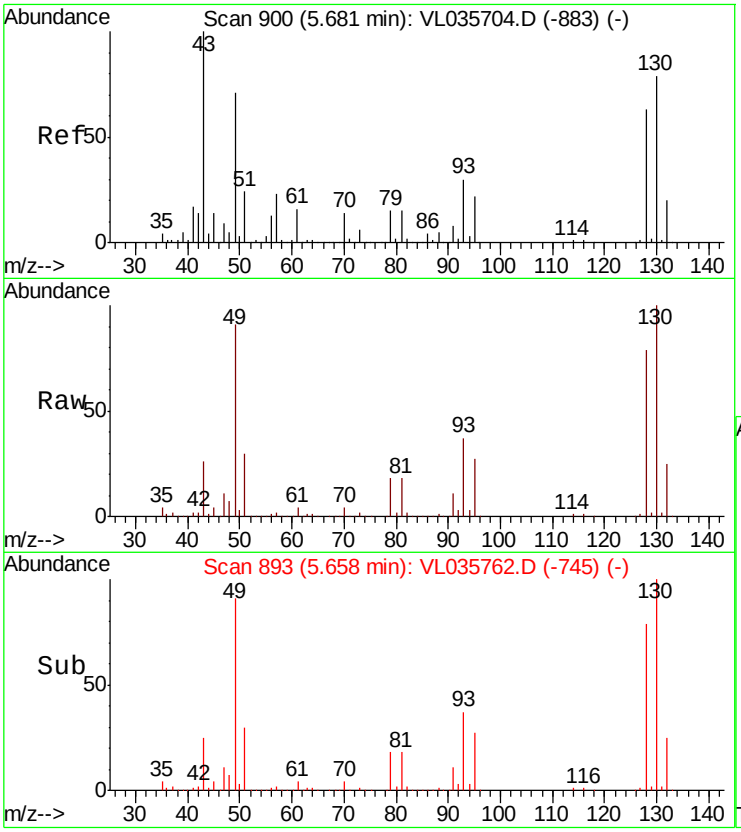
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101220\
Data File : VL035762.D
Acq On : 12 Oct 2020 15:19
Operator : SY/AP
Sample : L4347-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Quant Time: Oct 13 00:04:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration



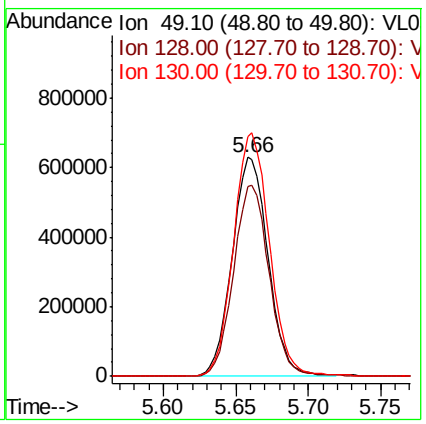


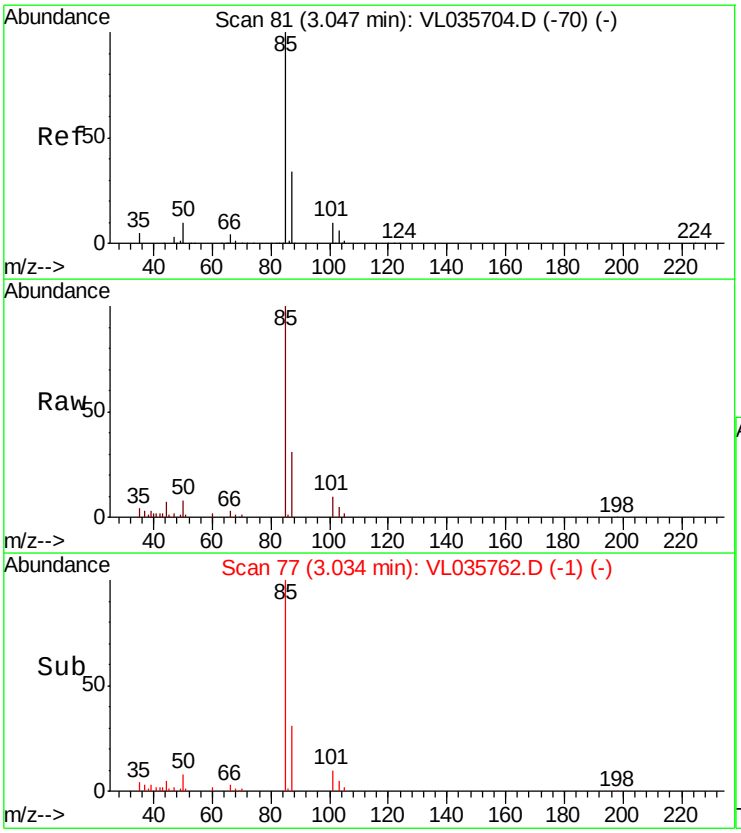

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion: 49 Resp: 1084673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 87.3 | 43.1 | 129.4 |
| 130 | 111.4 | 54.9 | 164.7 |

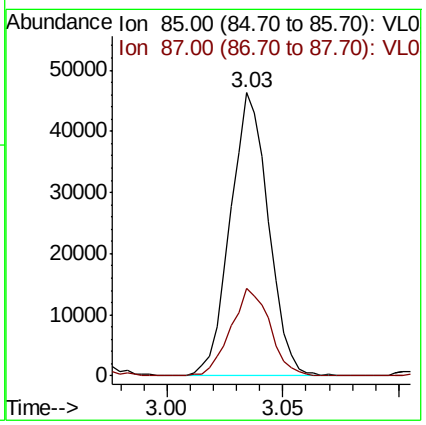


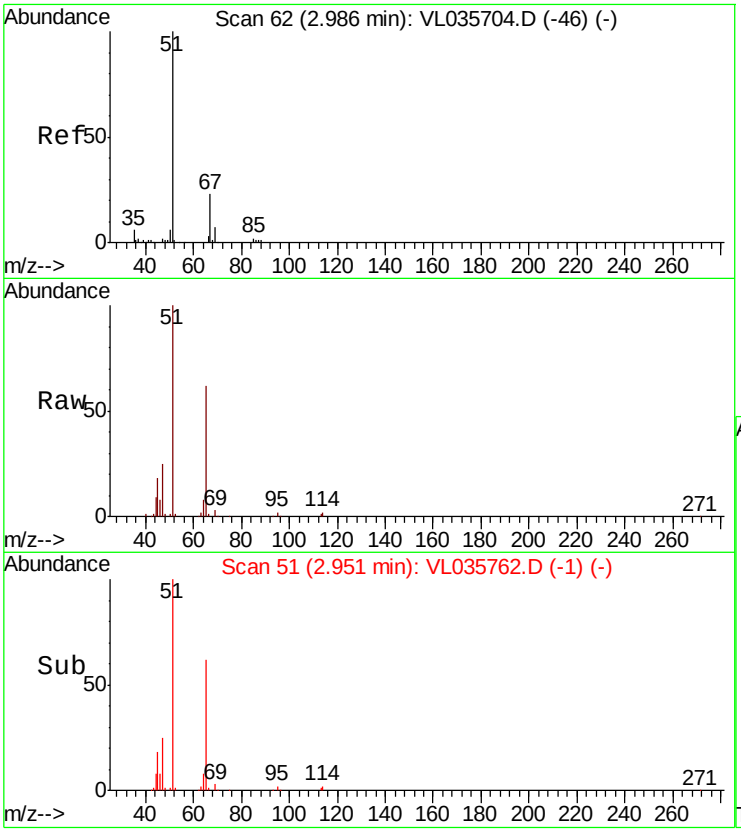




#2
Dichlorodifluoromethane
Concen: 0.297 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.01 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 85 Resp: 52780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.8 | 27.3 | 40.9 |



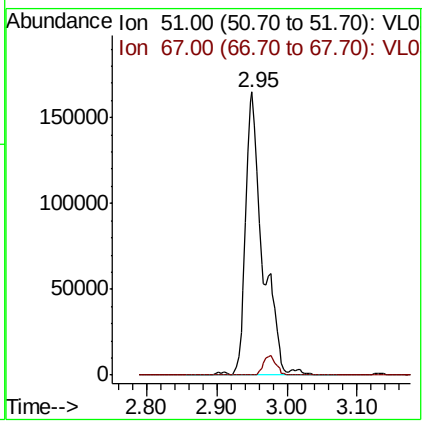


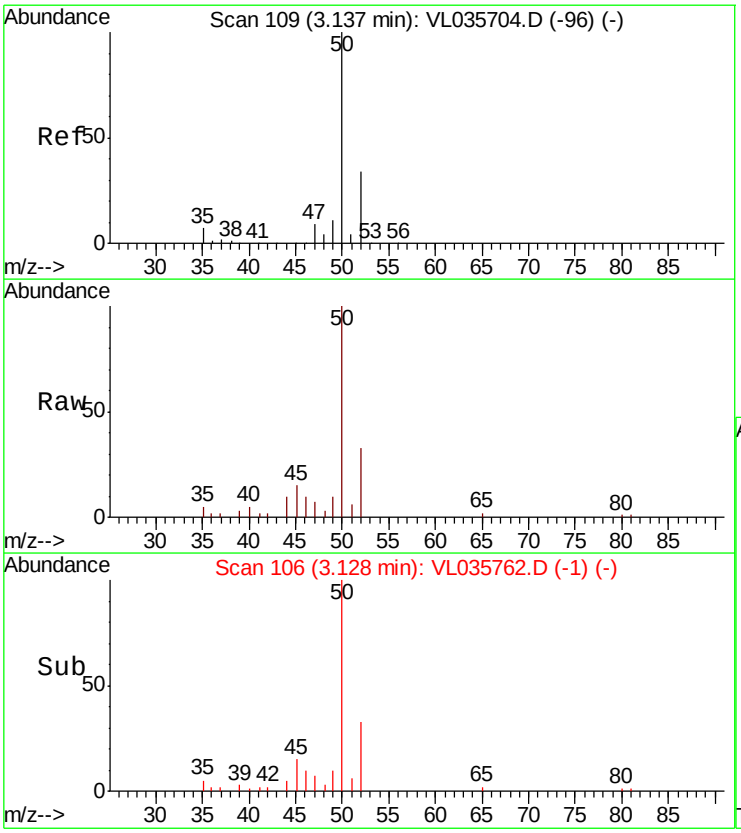

#3
Chlorodifluoromethane
Concen: 2.397 ppbv
RT: 2.95 min Scan# 51
Delta R.T. -0.04 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion: 51 Resp: 279765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 5.1 | 17.8 | 26.8# |

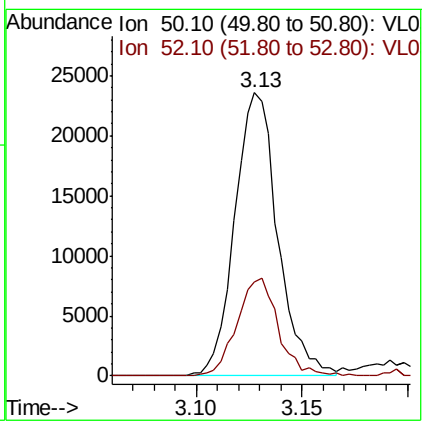


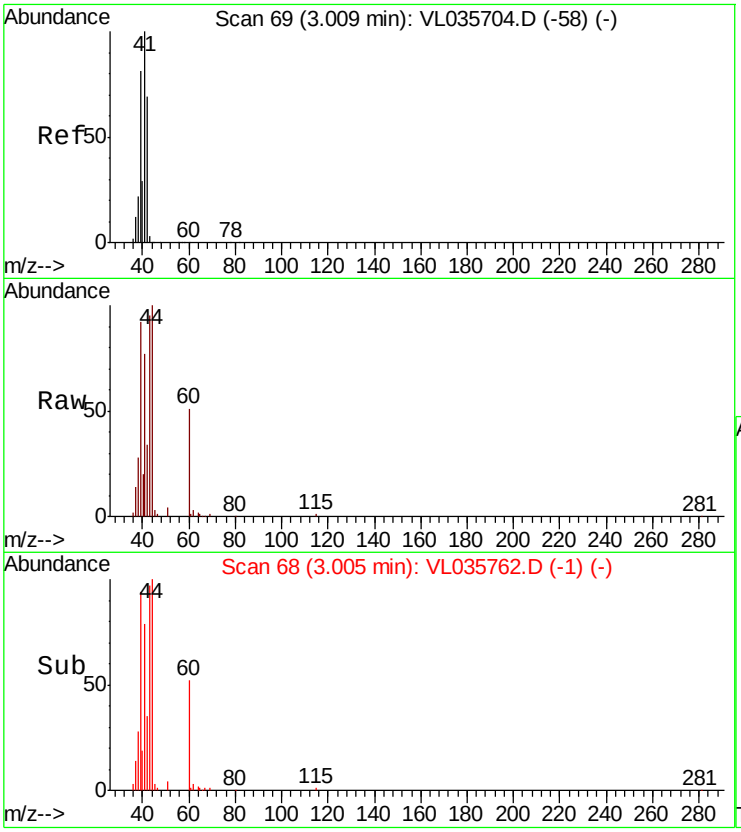




#4
Chloromethane
Concen: 0.533 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.01 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 50 Resp: 33397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.3 | 26.8 | 40.2 |



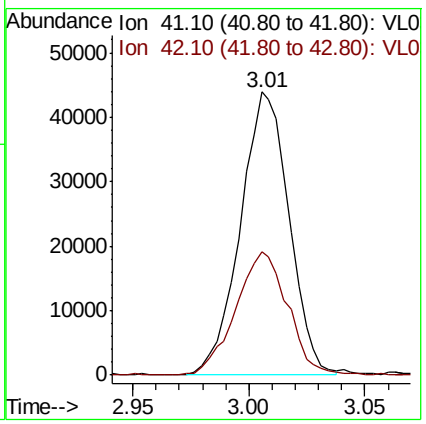


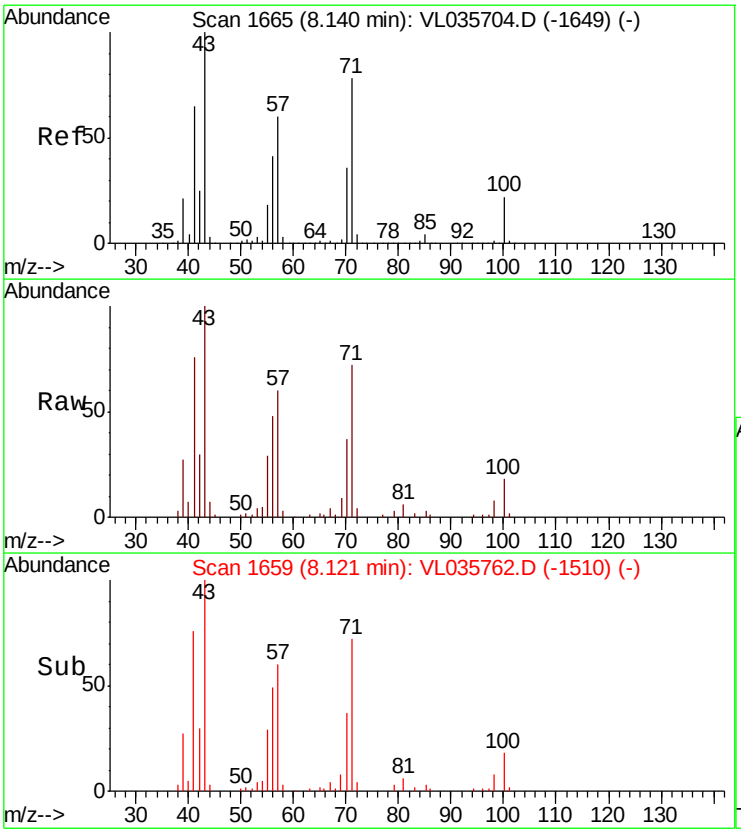

#9
Propene
Concen: 1.512 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.00 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion: 41 Resp: 64056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 46.8 | 56.2 | 84.4# |

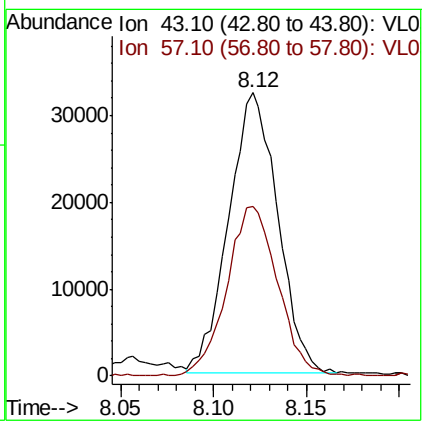


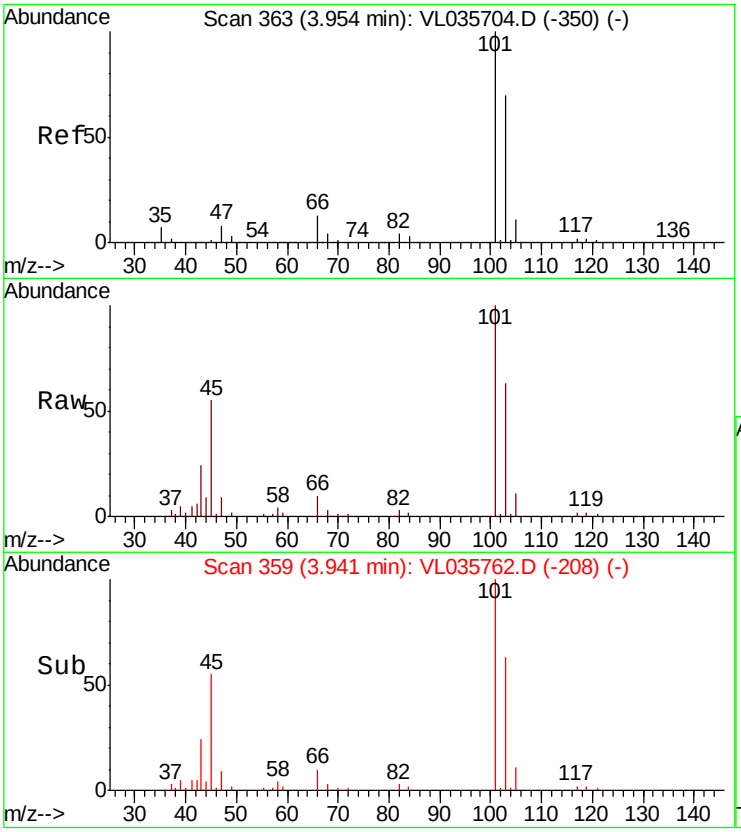




#10
Heptane
Concen: 0.502 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 43 Resp: 59336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 63.0 | 50.4 | 75.6 |



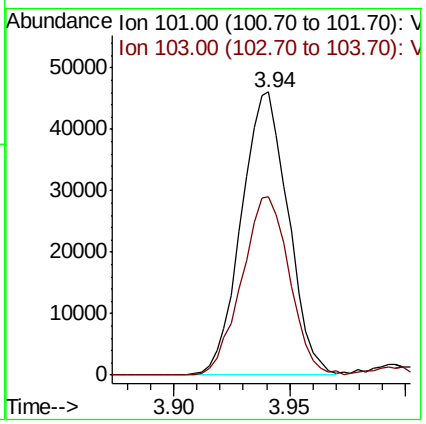


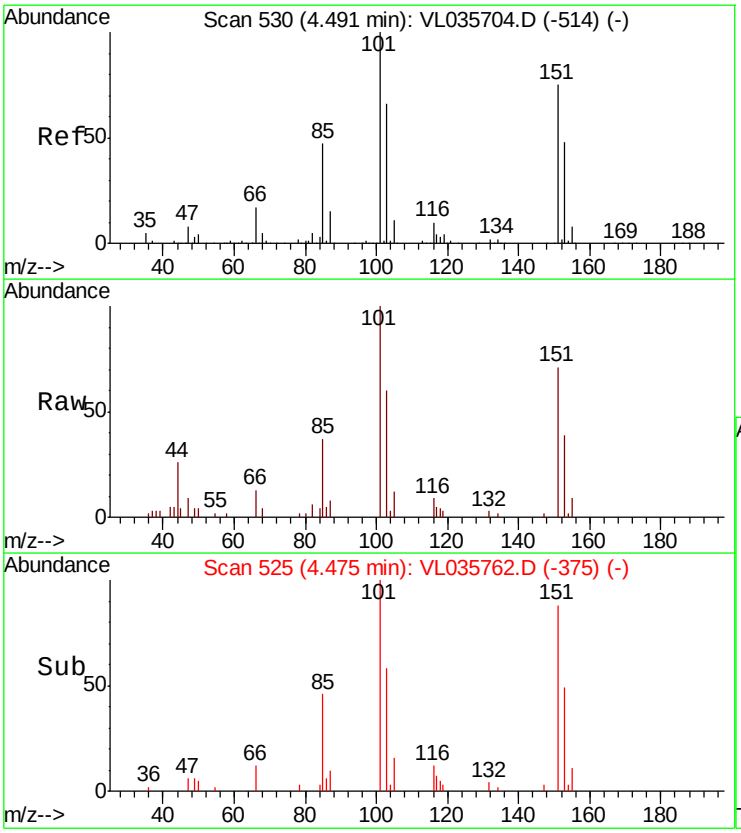

#11
Trichlorofluoromethane
Concen: 0.255 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.01 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion:101 Resp: 64681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.9 | 55.6 | 83.4 |

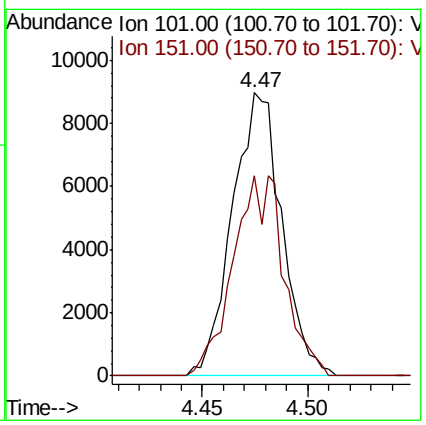


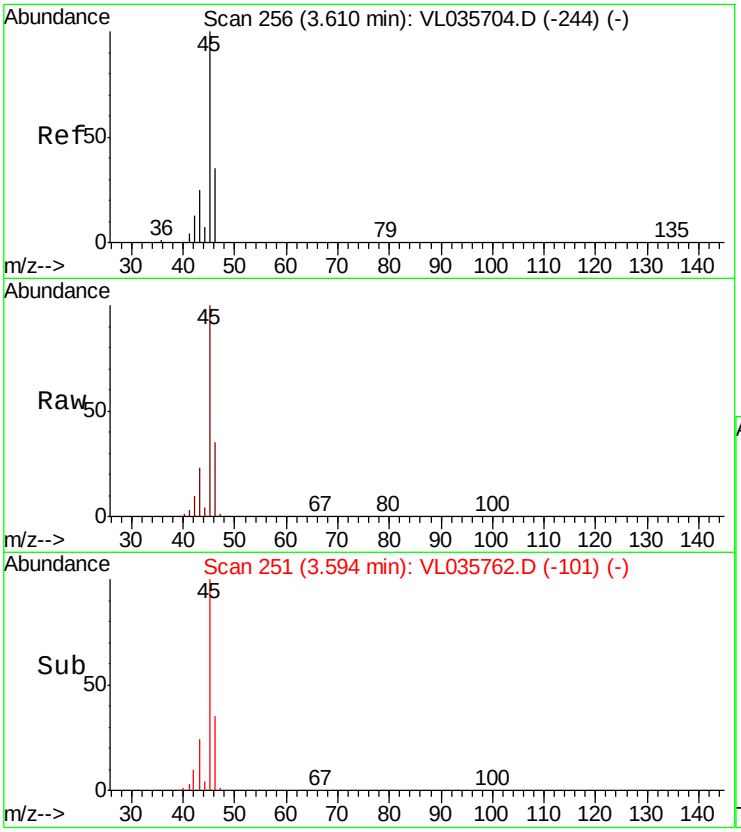




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.077 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion:101 Resp: 14593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 73.0 | 59.1 | 88.7 |



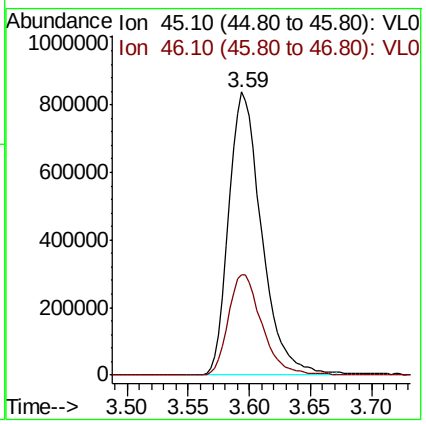


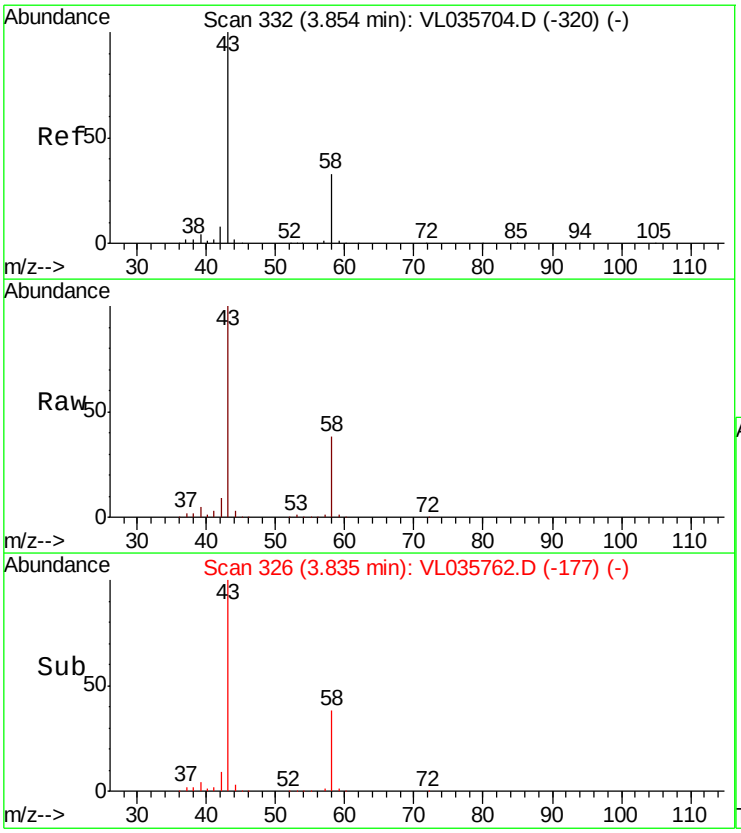

#13
Ethanol
Concen: 151.351 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion: 45 Resp: 1581373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 36.5 | 14.7 | 58.7 |

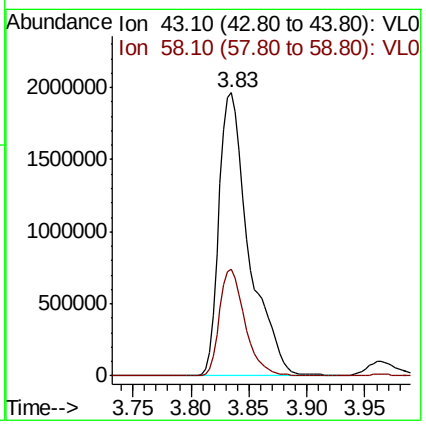


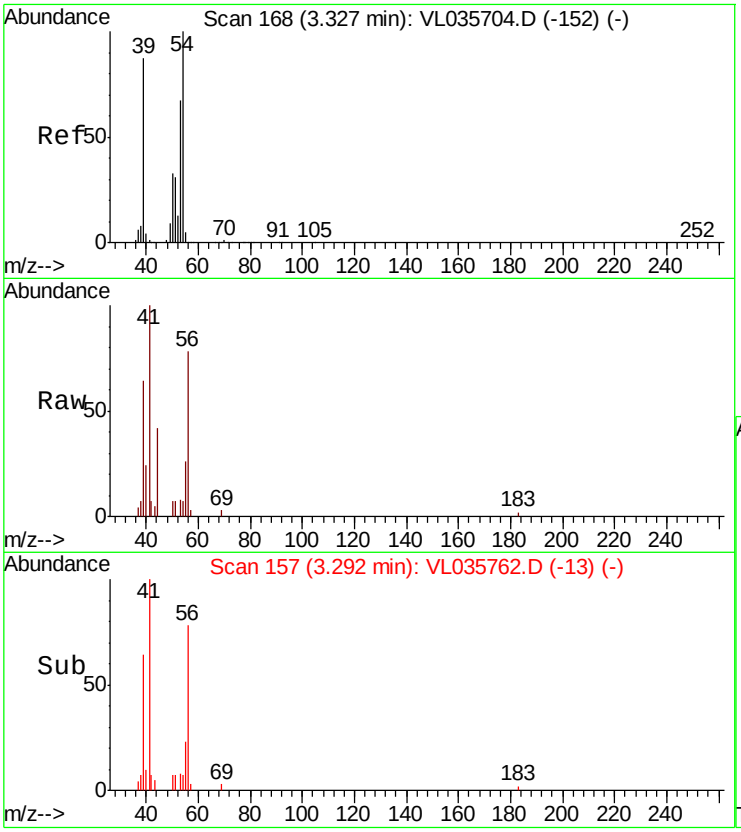




#15
Acetone
Concen: 30.341 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 43 Resp: 3541244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.1 | 27.3 | 40.9 |



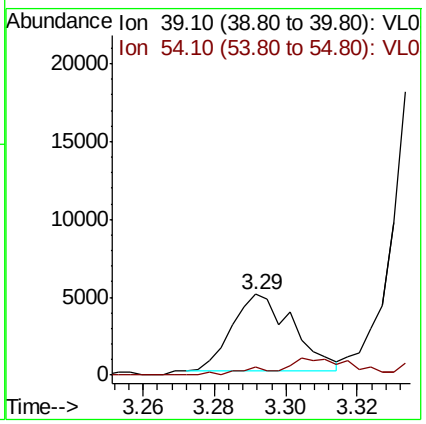


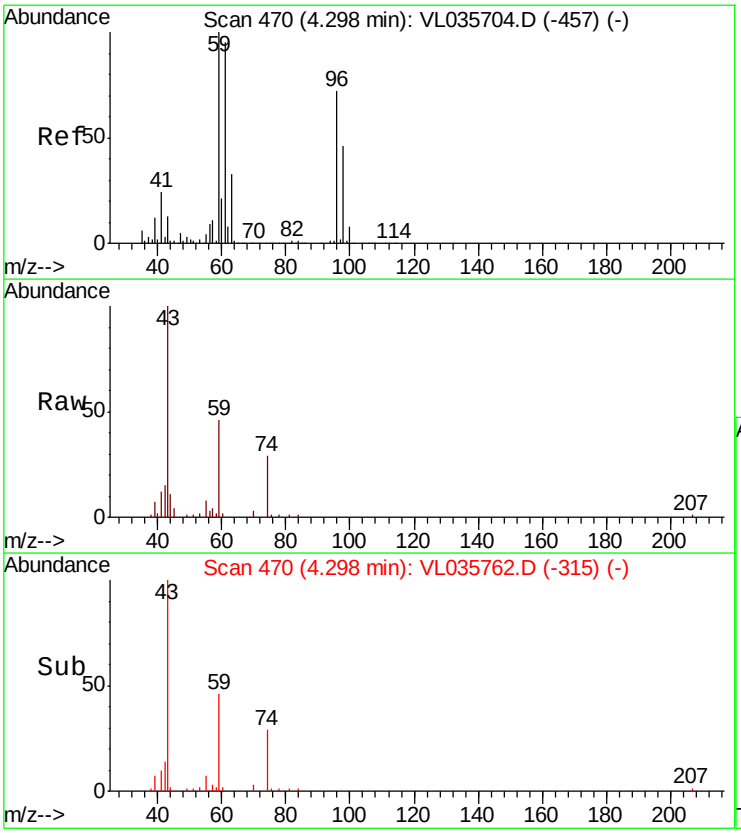

#16
1,3-Butadiene
Concen: 0.137 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.04 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion: 39 Resp: 5836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 27.5 | 87.4 | 131.0# |

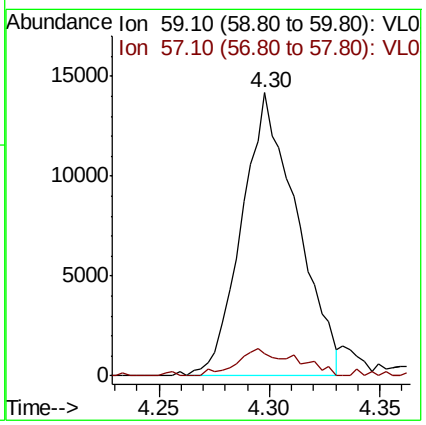


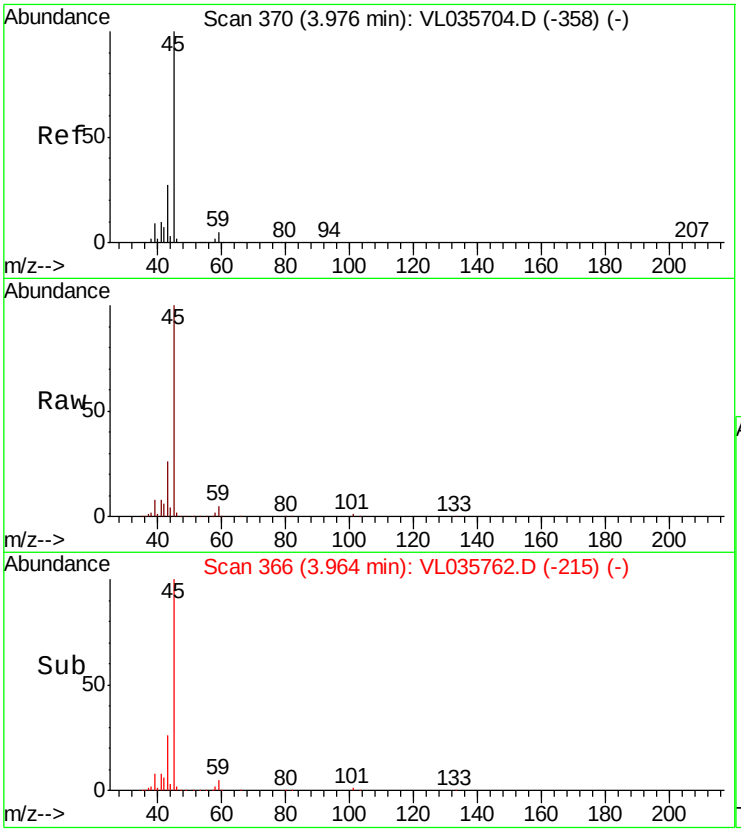




#17
tert-Butyl alcohol
Concen: 0.193 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 59 Resp: 24570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.5 | 12.7# |



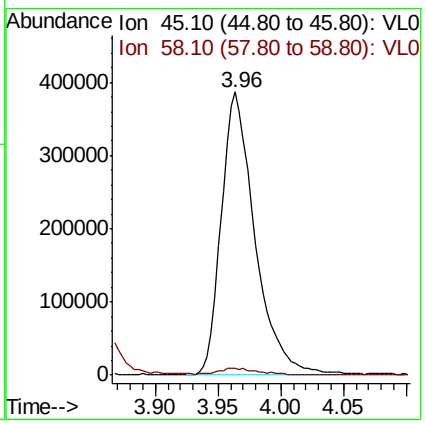


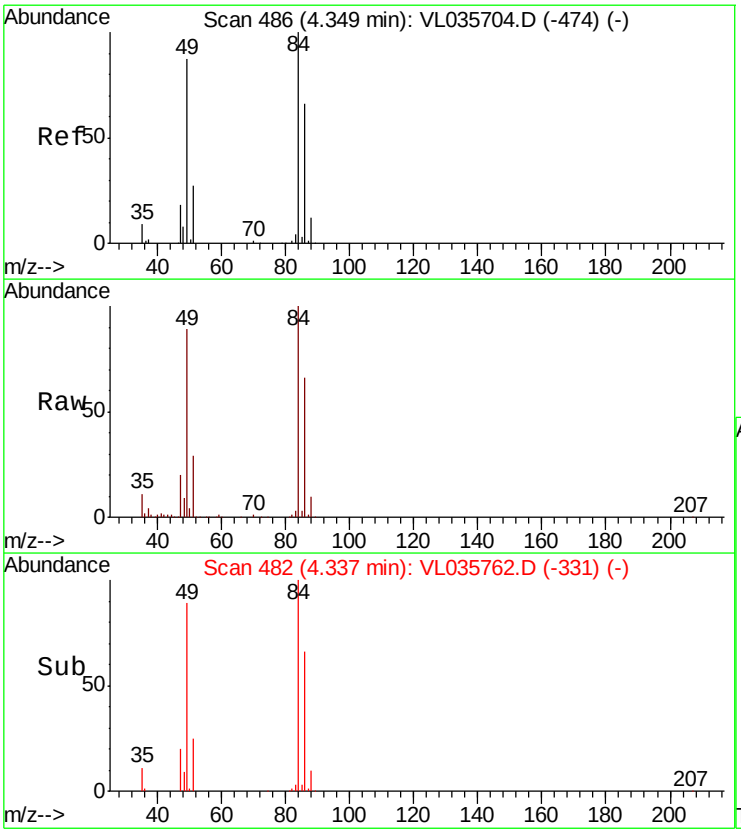

#19
Isopropyl Alcohol
Concen: 11.264 ppbv
RT: 3.96 min Scan# 366
Delta R.T. -0.01 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion: 45 Resp: 715115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 159.0 | 2.8 | 4.2# |

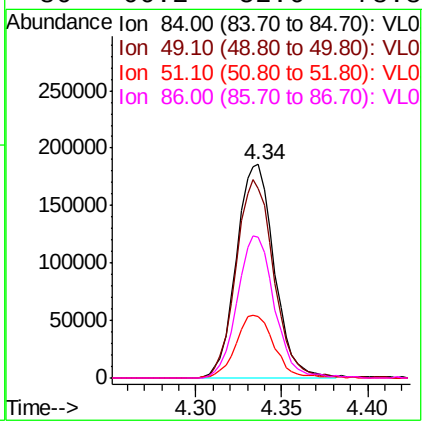


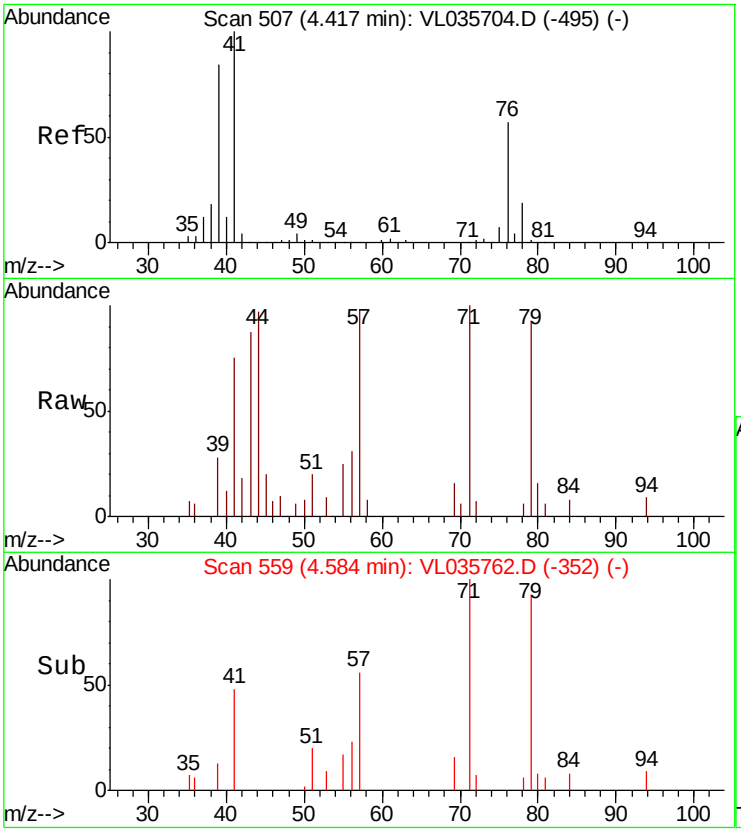




#20
Methylene Chloride
Concen: 3.322 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 84 Resp: 284815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 88.9 | 69.8 | 104.6 |
| 51 | 28.6 | 21.8 | 32.8 |
| 86 | 66.2 | 52.6 | 78.8 |



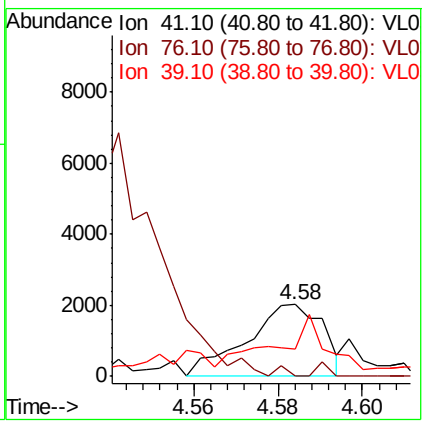


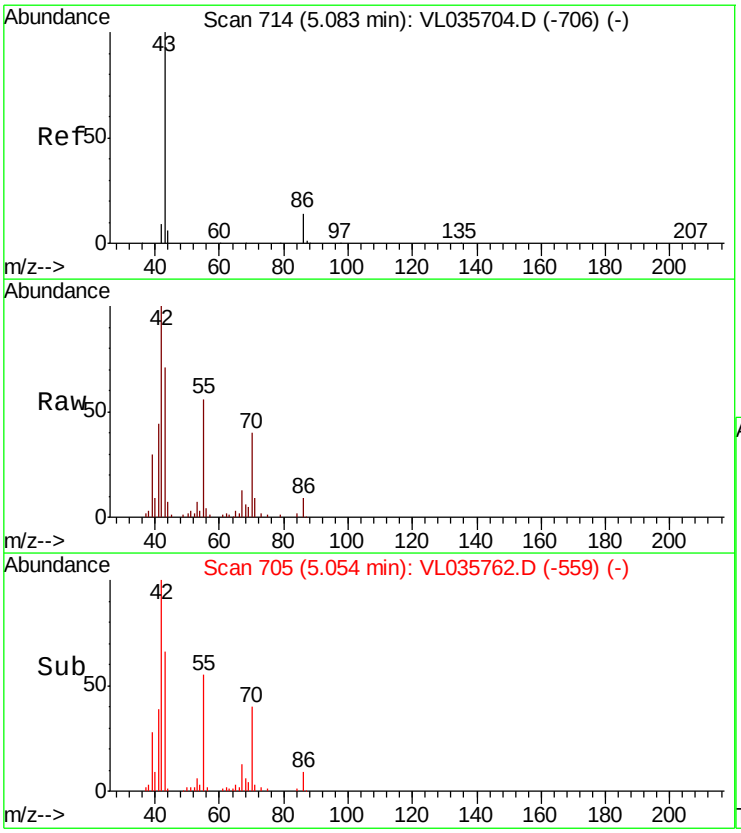

#21
Allyl Chloride
Concen: 0.045 ppbv
RT: 4.58 min Scan# 559
Delta R.T. 0.17 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion: 41 Resp: 2549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 359.6 | 44.8 | 67.2# |
| 39 | 130.2 | 68.4 | 102.6# |

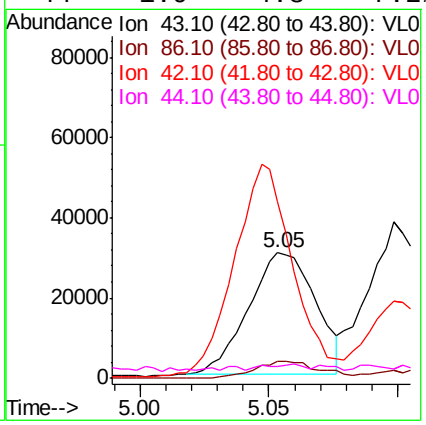


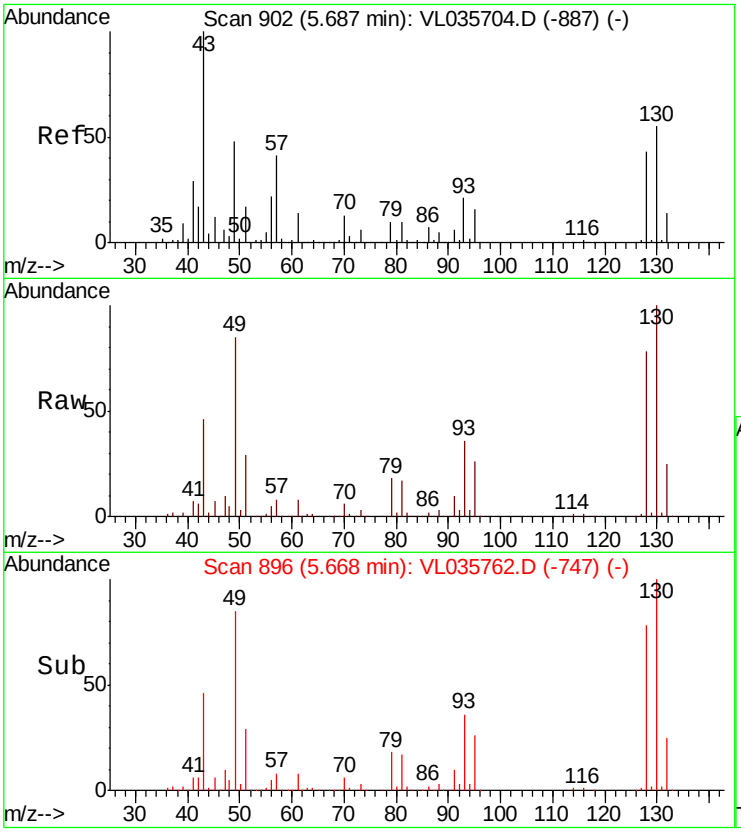




#23
Vinyl Acetate
Concen: 0.383 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.03 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 43 Resp: 54711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 13.5 | 9.7 | 14.5 |
| 42 | 141.1 | 7.9 | 11.9# |
| 44 | 1.9 | 4.8 | 7.2# |



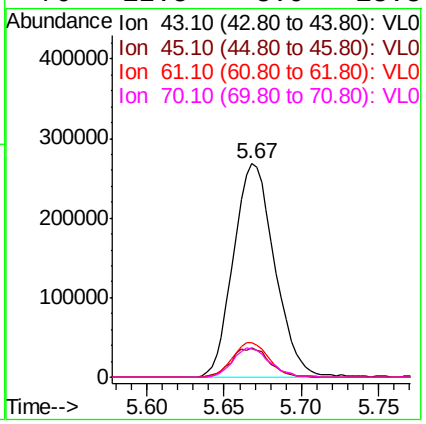


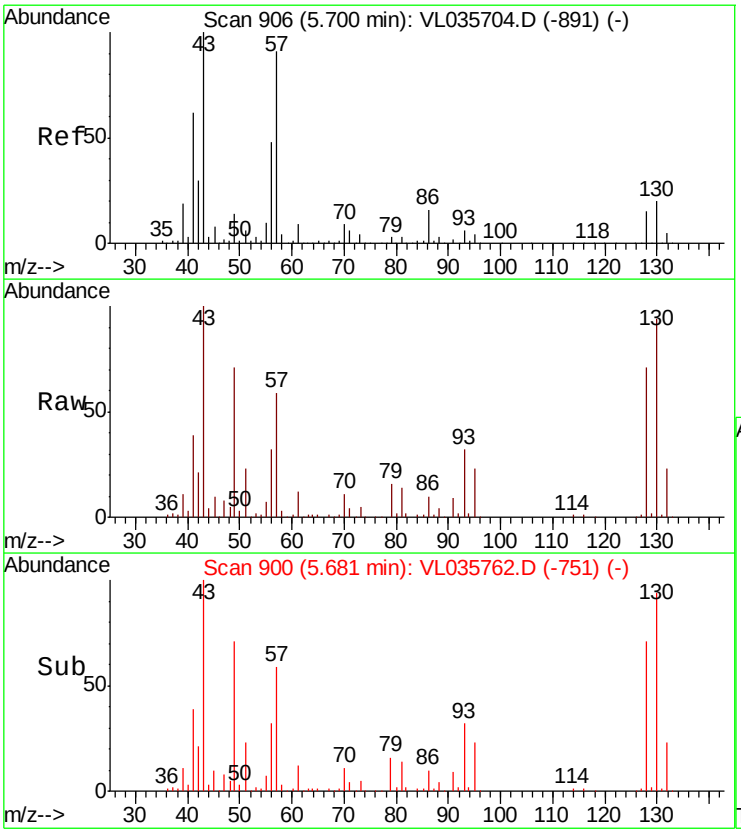

#25
Ethyl Acetate
Concen: 2.360 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion: 43 Resp: 495733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 13.3 | 8.6 | 12.8# |
| 61 | 14.7 | 10.4 | 15.6 |
| 70 | 12.5 | 8.9 | 13.3 |

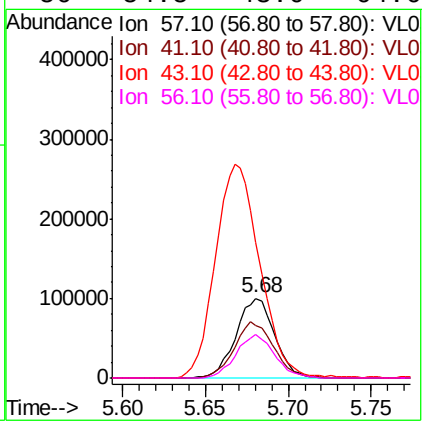


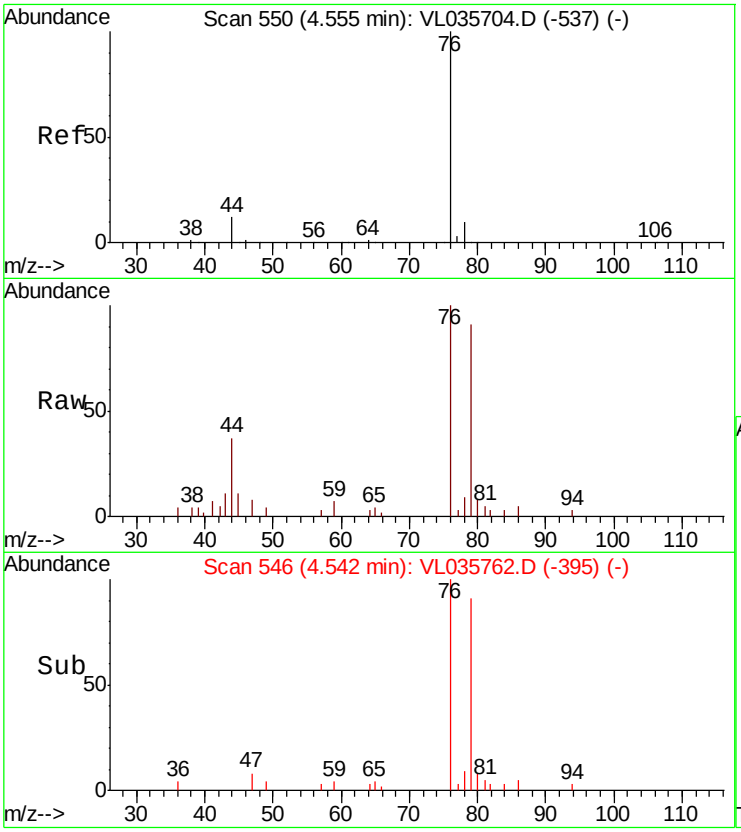




#26
Hexane
Concen: 1.405 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 57 Resp: 161686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 72.5 | 57.9 | 86.9 |
| 43 | 309.1 | 143.8 | 215.6# |
| 56 | 54.5 | 43.0 | 64.6 |



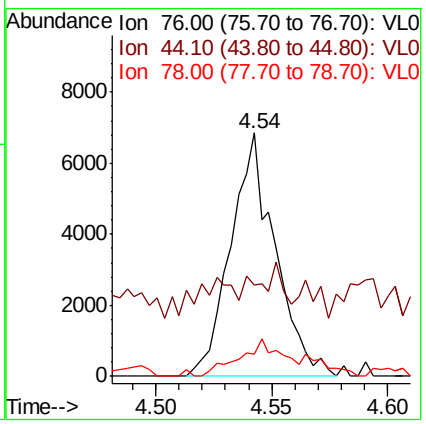


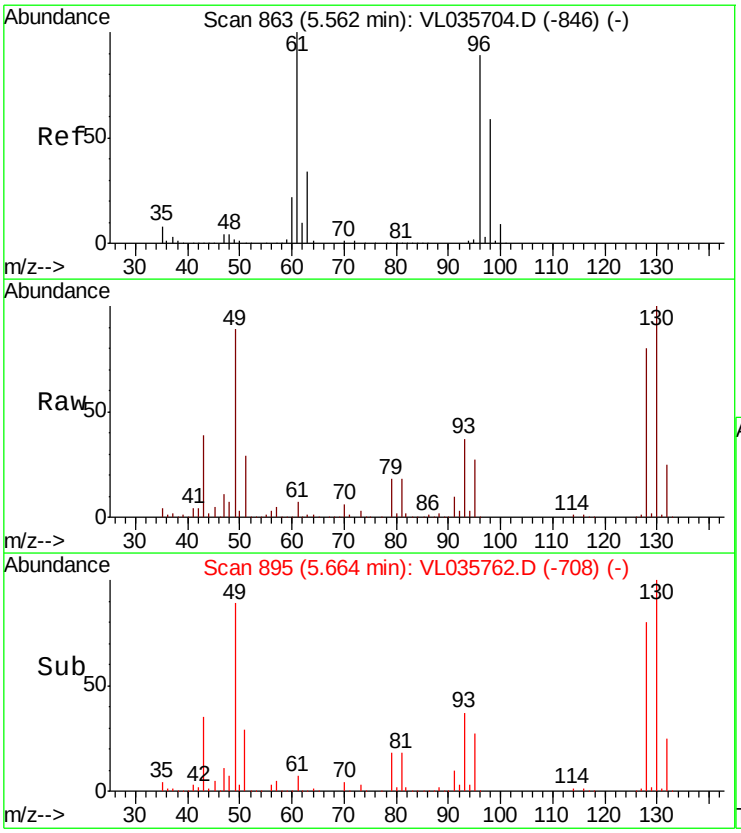

#27
Carbon Disulfide
Concen: 0.053 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion: 76 Resp: 9105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 38.4 | 9.7 | 14.5# |
| 78 | 20.2 | 7.8 | 11.8# |

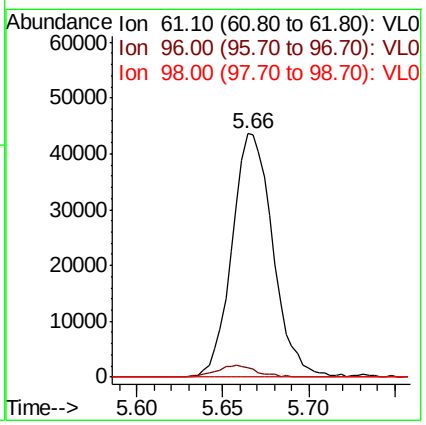


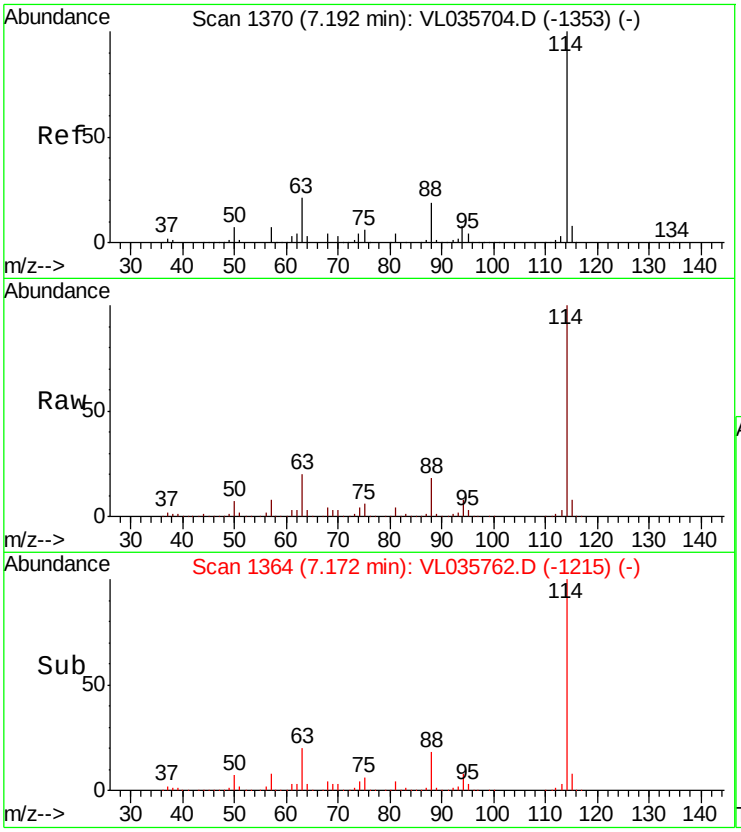




#31
cis-1,2-Dichloroethene
Concen: 0.649 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.10 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 61 Resp: 72155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 3.9 | 71.4 | 107.2# |
| 98 | 0.0 | 47.4 | 71.2# |



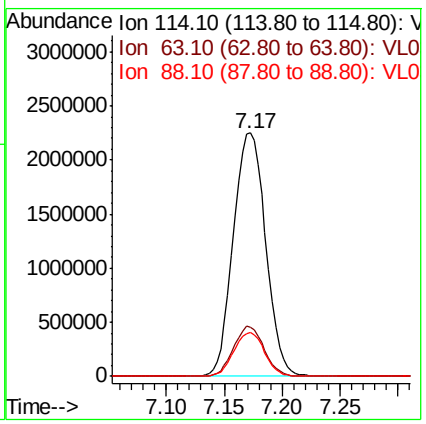


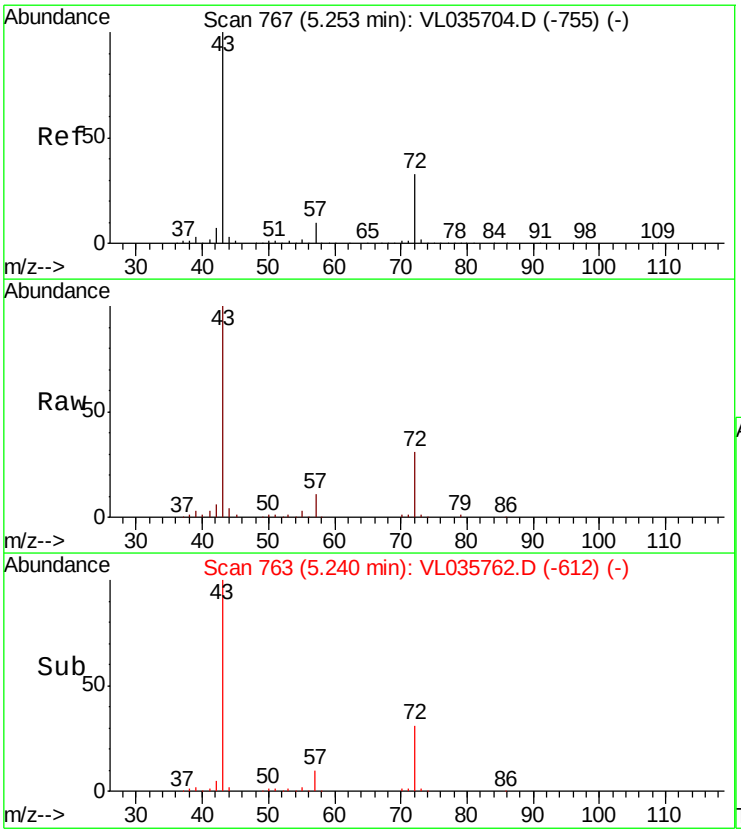

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion:114 Resp: 4372217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.4 | 16.1 | 24.1 |
| 88 | 17.1 | 14.1 | 21.1 |

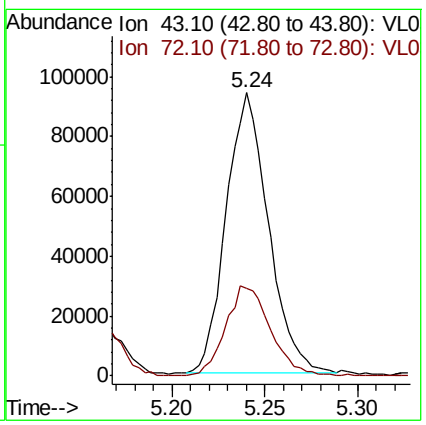


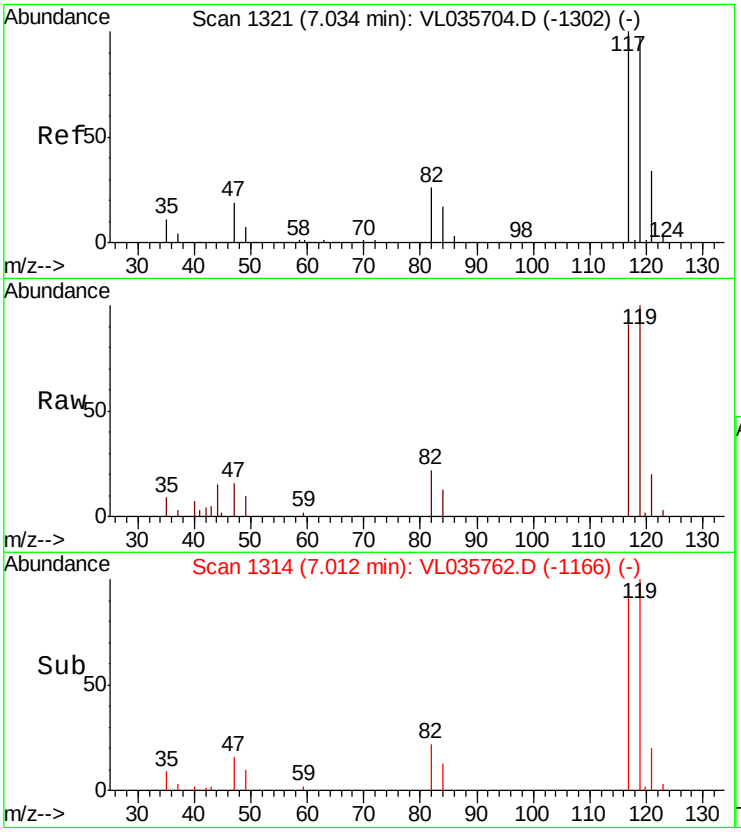




#34
2-Butanone
Concen: 1.022 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.01 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 43 Resp: 147774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 34.2 | 26.1 | 39.1 |



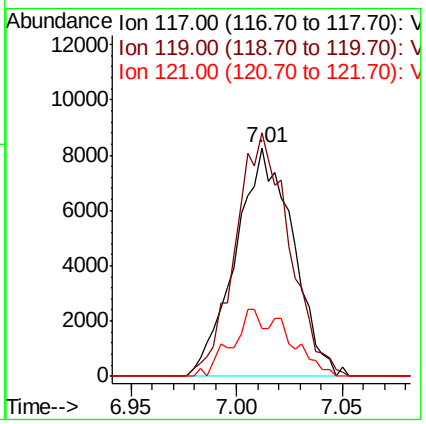


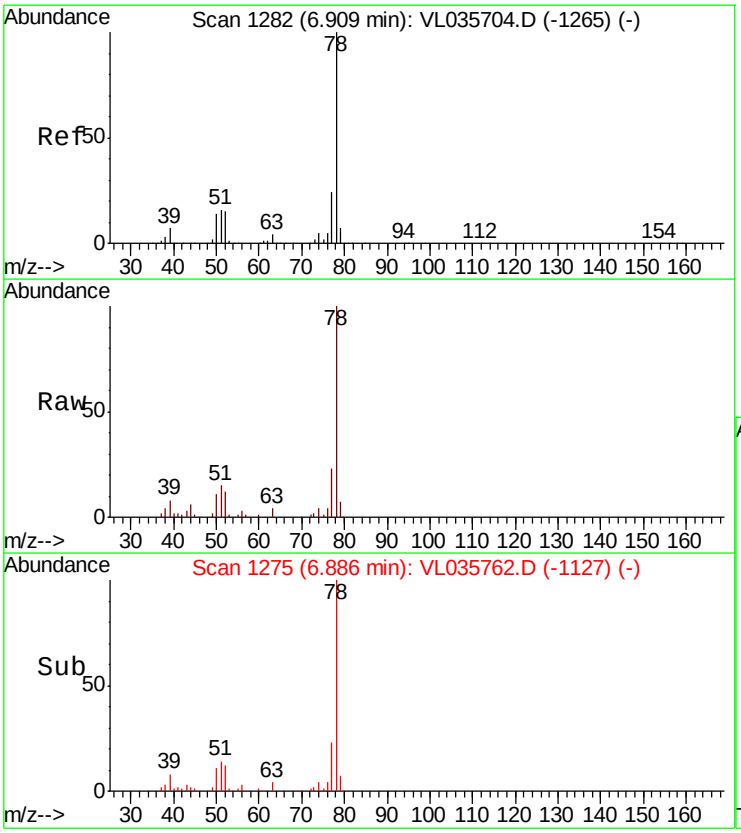

#35
Carbon Tetrachloride
Concen: 0.068 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion:117 Resp: 15571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 106.5 | 77.7 | 116.5 |
| 121 | 21.1 | 26.9 | 40.3# |

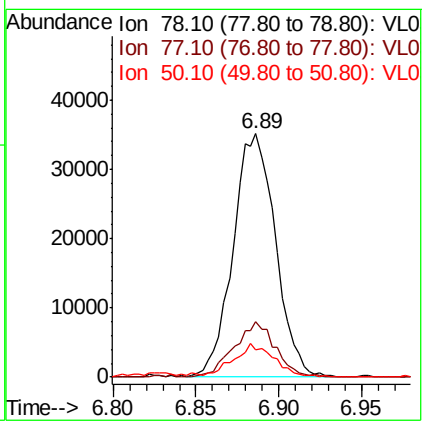


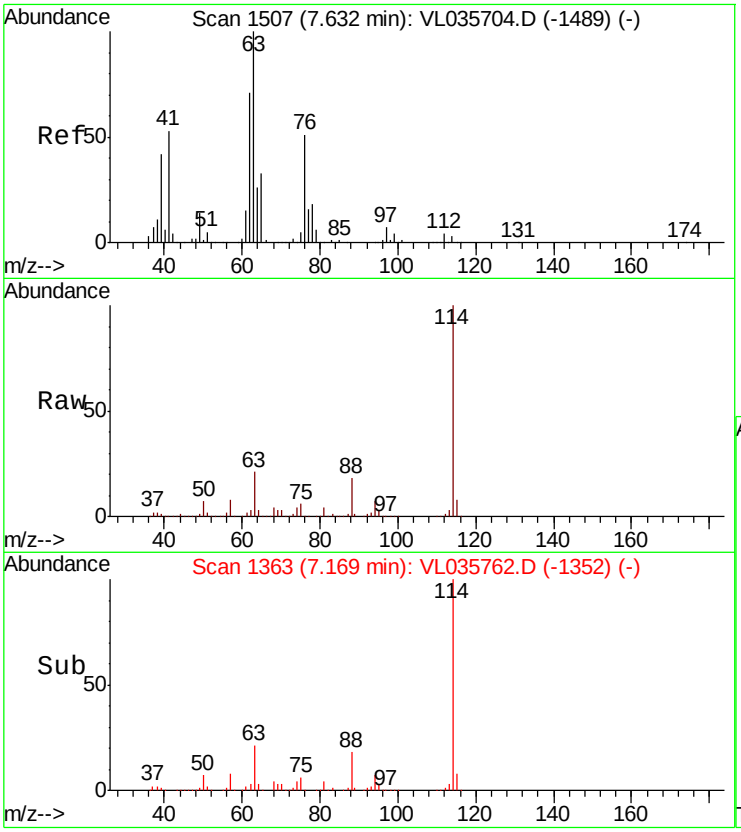




#36
Benzene
Concen: 0.219 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 78 Resp: 62443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.5 | 19.3 | 28.9 |
| 50 | 11.3 | 11.6 | 17.4# |



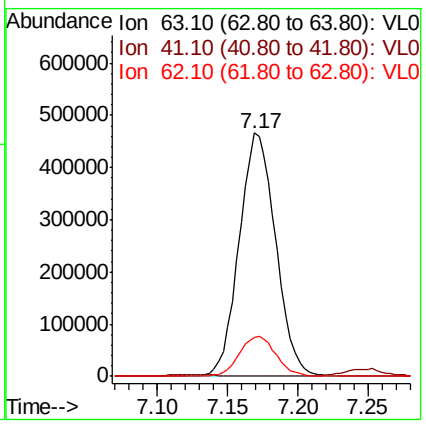


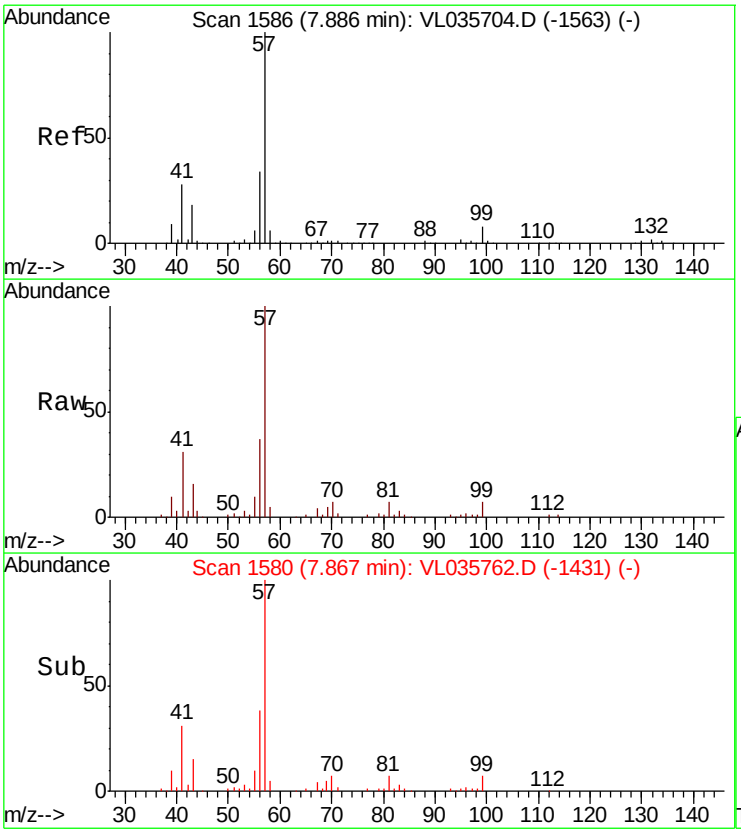

#39
1,2-Dichloropropane
Concen: 8.166 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.46 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion: 63 Resp: 843241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 42.6 | 63.8# |
| 62 | 16.1 | 56.5 | 84.7# |

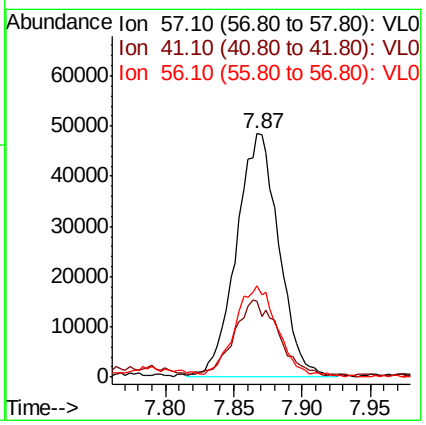


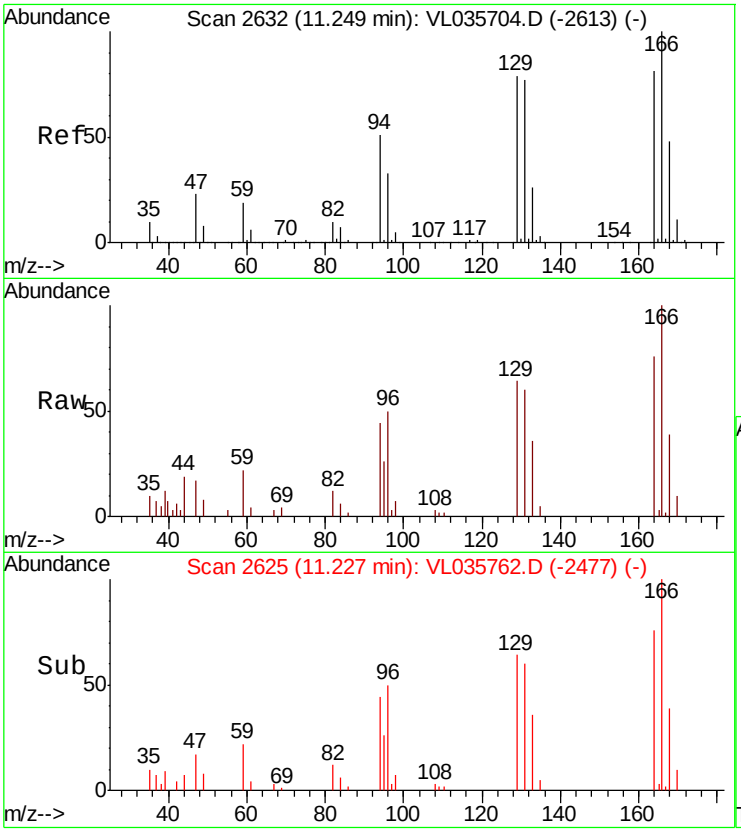




#44
2,2,4-Trimethylpentane
Concen: 0.255 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 57 Resp: 104352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 33.2 | 21.2 | 31.8# |
| 56 | 38.2 | 25.8 | 38.8 |



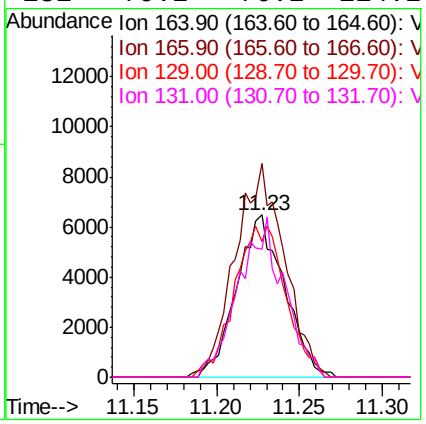


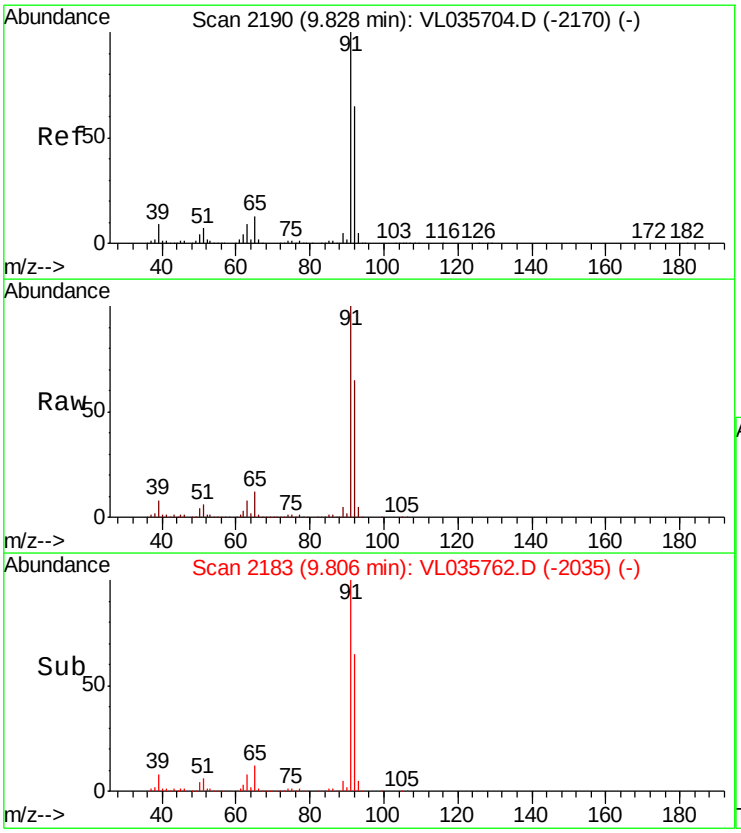

#52
Tetrachloroethene
Concen: 0.095 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion:164 Resp: 13037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.8 | 98.7 | 148.1 |
| 129 | 84.0 | 78.4 | 117.6 |
| 131 | 79.2 | 76.2 | 114.2 |

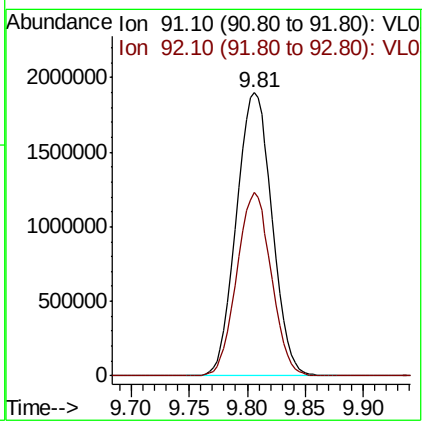


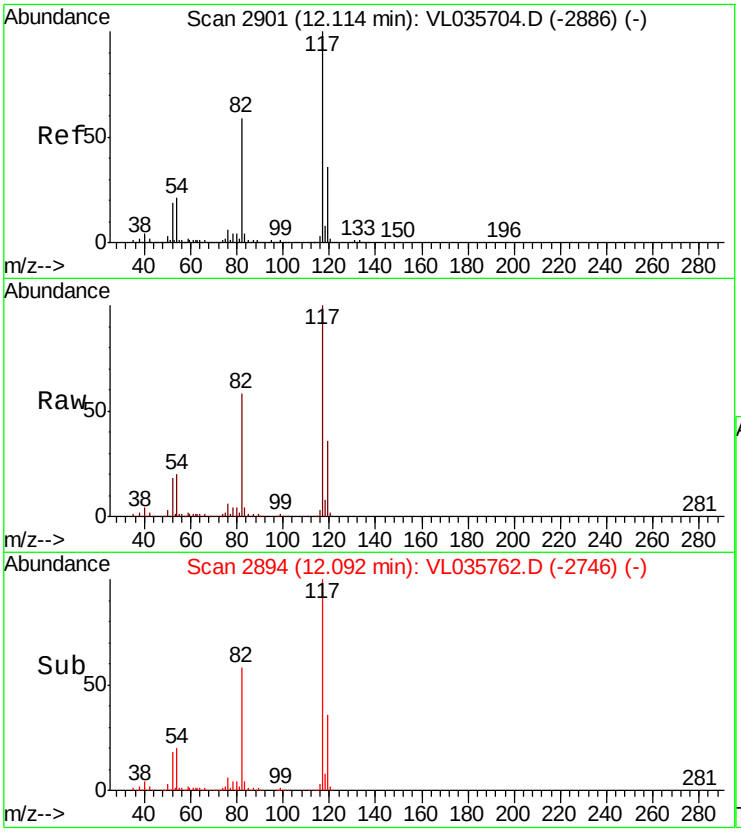




#53
Toluene
Concen: 12.079 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 91 Resp: 4058000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 62.8 | 50.0 | 75.0 |



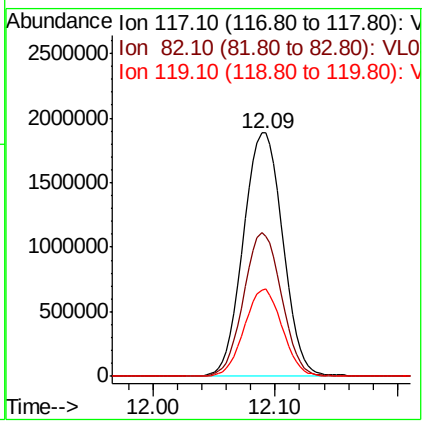


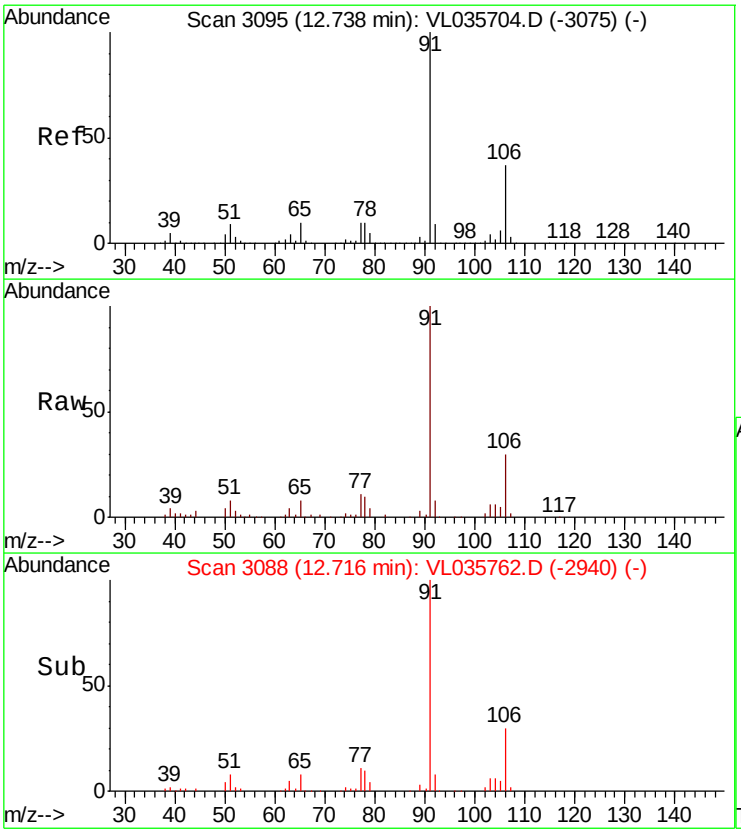

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion:117 Resp: 4223063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.3 | 46.1 | 69.1 |
| 119 | 34.5 | 28.0 | 42.0 |

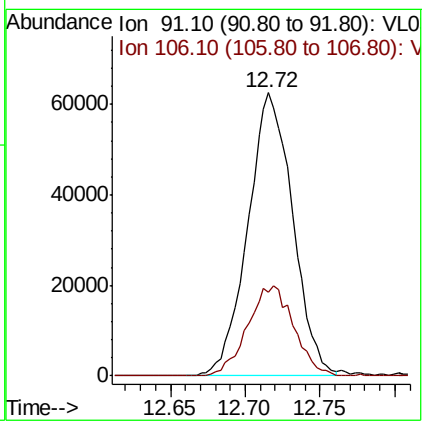


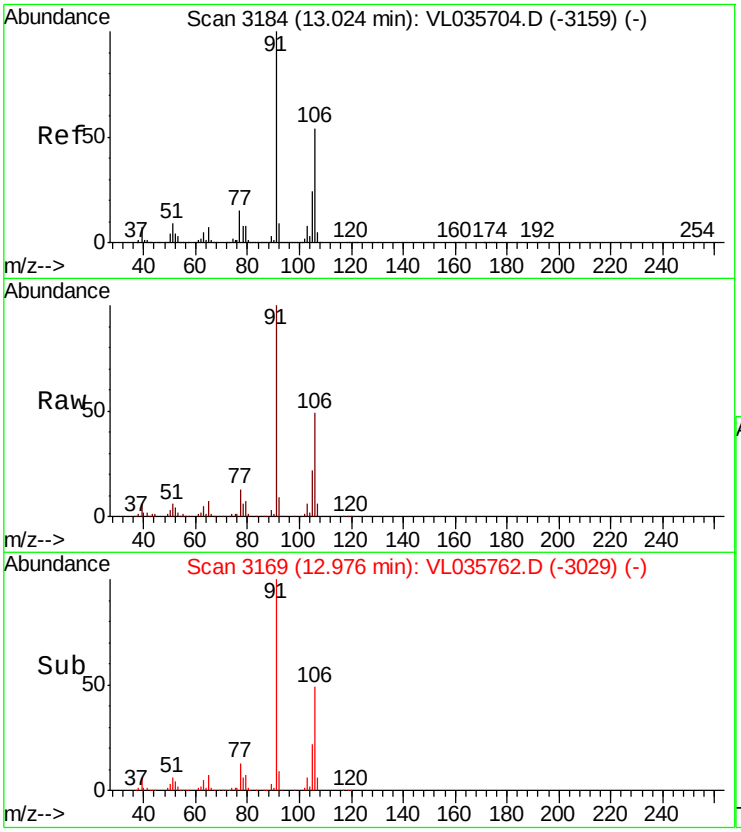




#58
Ethyl Benzene
Concen: 0.307 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 91 Resp: 130219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.6 | 29.7 | 44.5# |



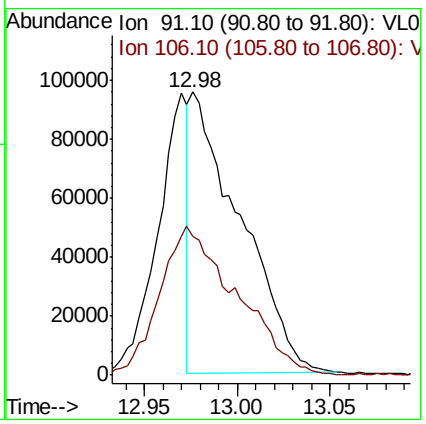


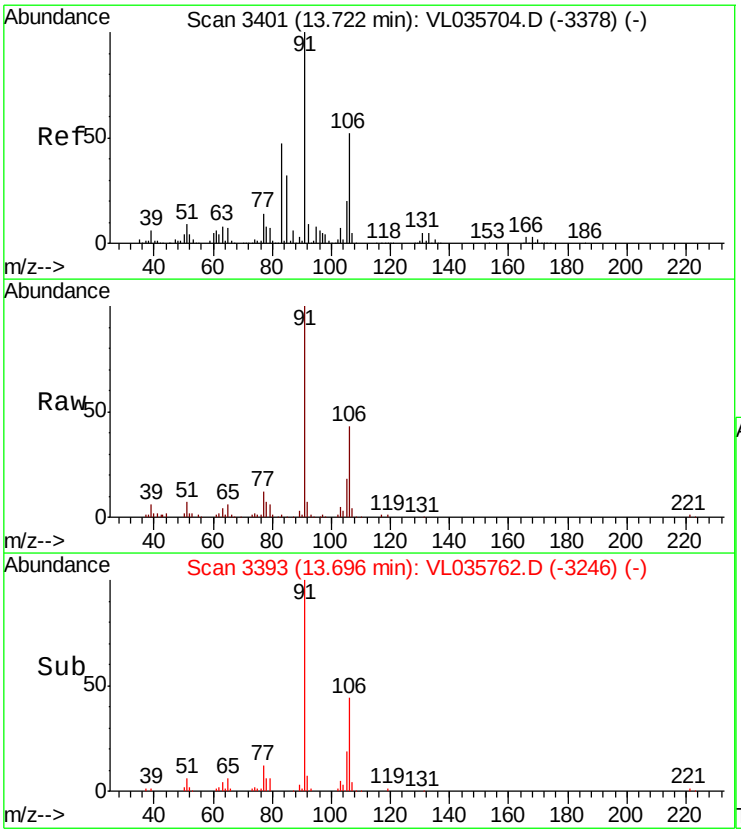

#59
m/p-Xylene
Concen: 0.475 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.05 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion: 91 Resp: 175874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 82.9 | 41.4 | 62.0# |

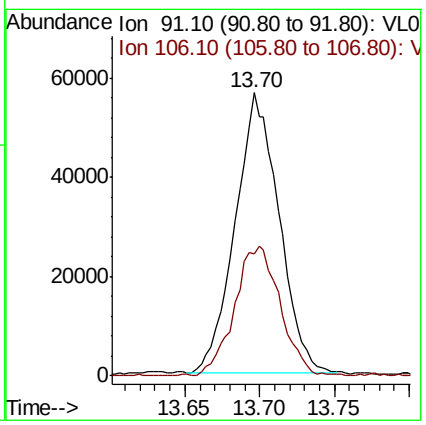


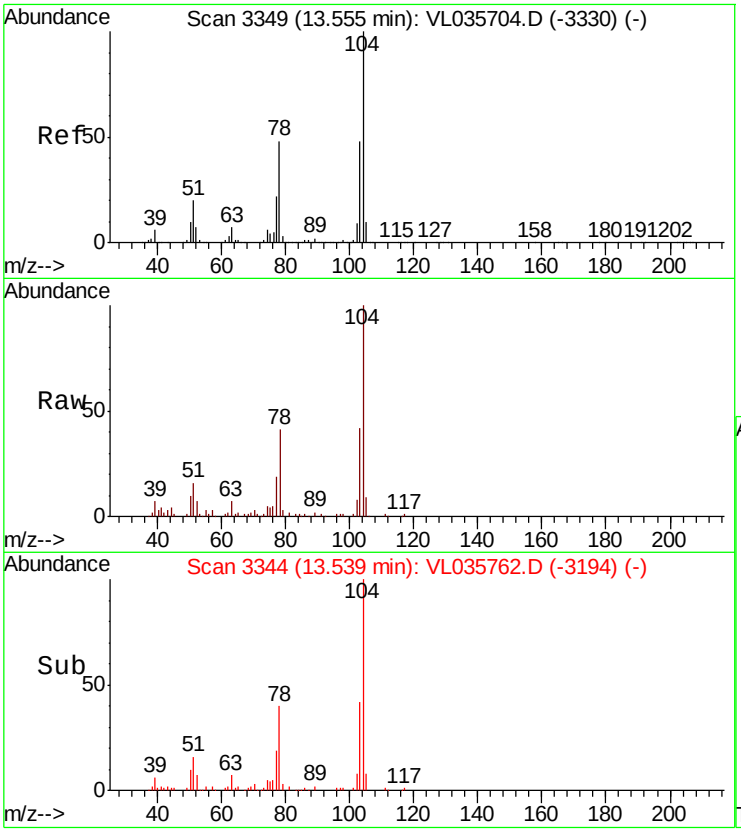




#60
o-Xylene
Concen: 0.306 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.03 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion: 91 Resp: 114538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 48.7 | 25.0 | 75.0 |



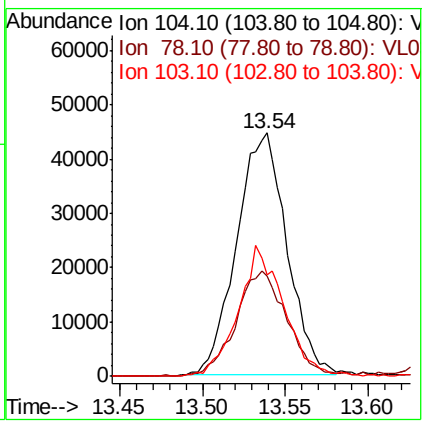


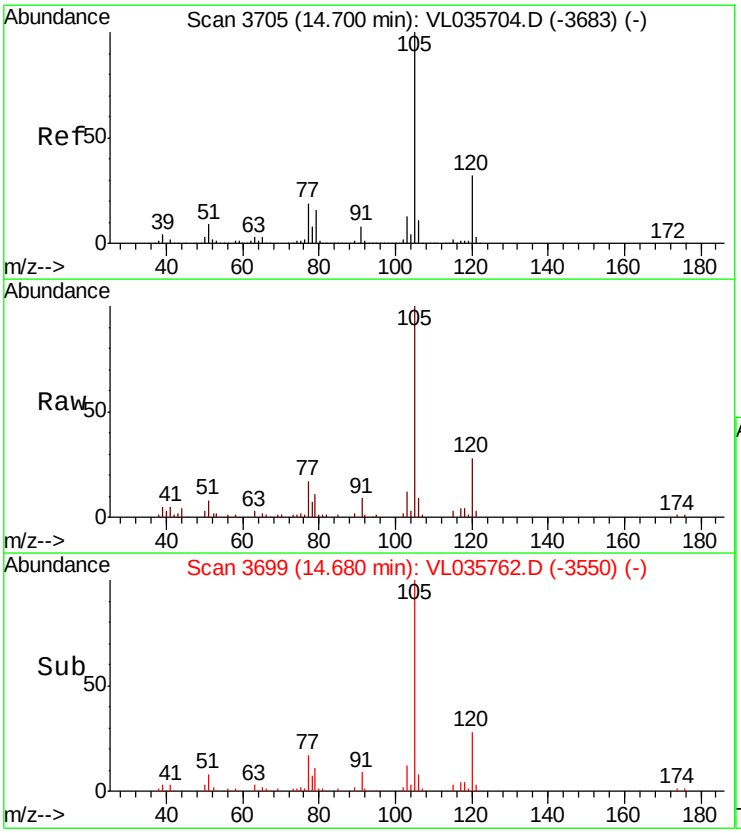

#61
Stvrene
Concen: 0.363 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion:104 Resp: 93951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 44.6 | 37.2 | 55.8 |
| 103 | 48.8 | 38.2 | 57.2 |

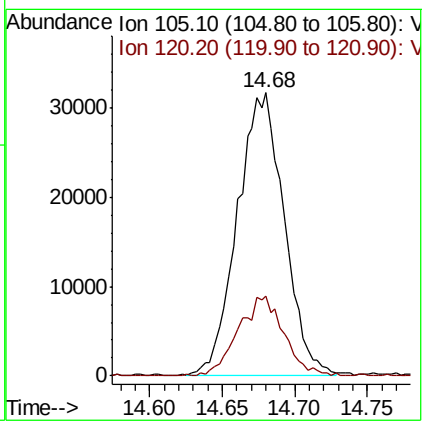


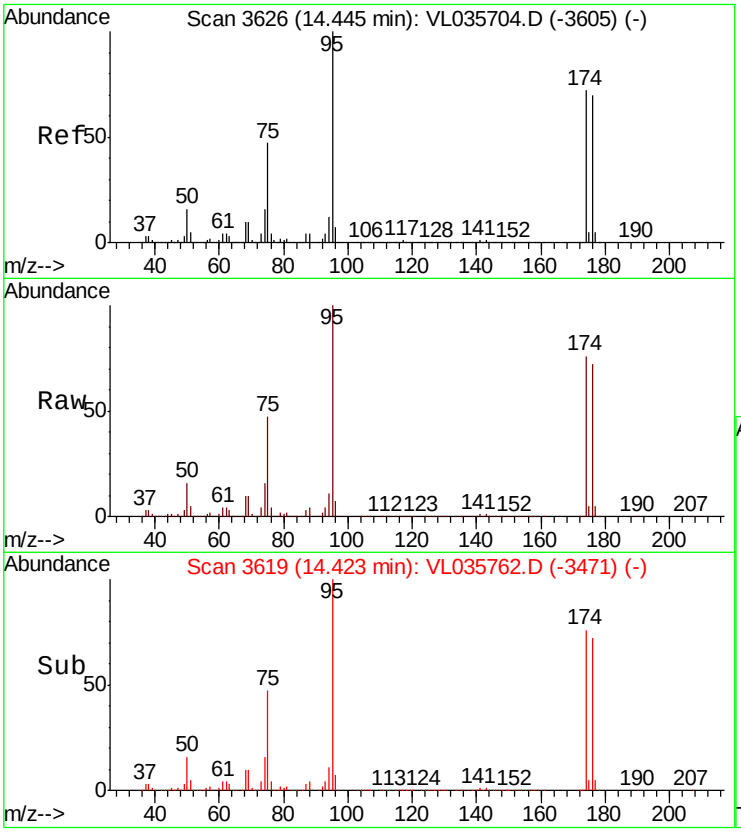




#62
Isopropylbenzene
Concen: 0.123 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion:105 Resp: 71191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.3 | 24.1 | 36.1 |



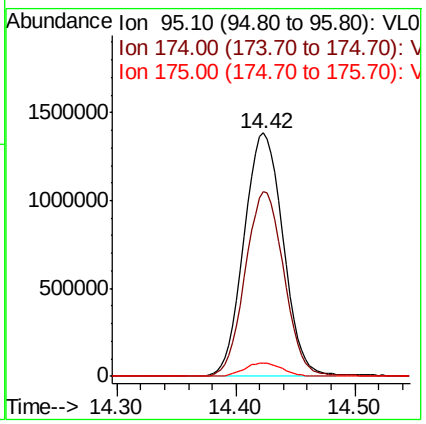


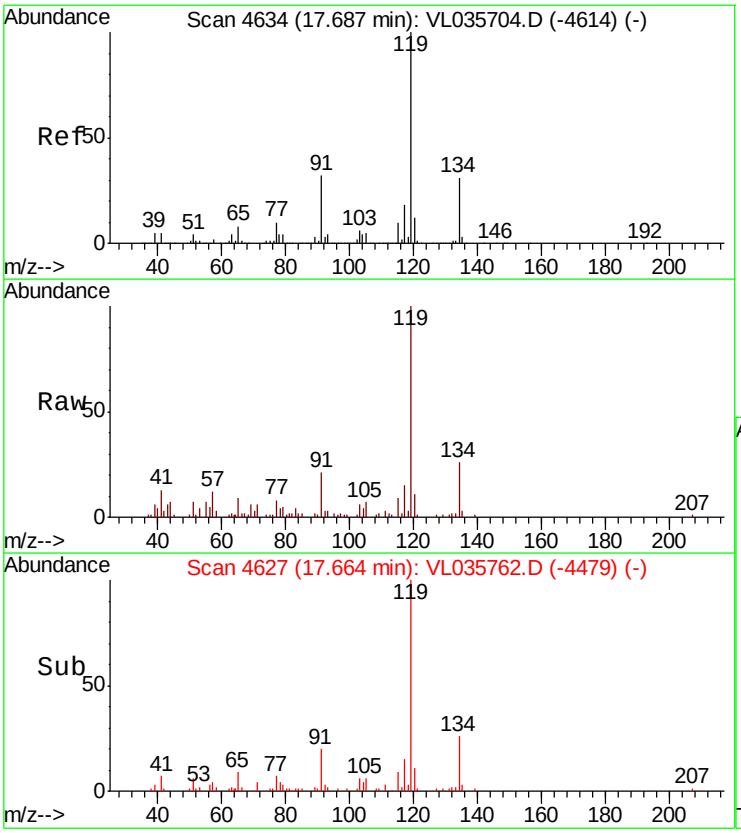

#68
1-Bromo-4-Fluorobenzene
Concen: 9.970 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :** MSVOA_L
**ClientSampleId :** 2DUP

Tgt Ion: 95 Resp: 3155012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.9 | 59.6 | 89.4 |
| 175 | 5.5 | 4.2 | 6.4 |

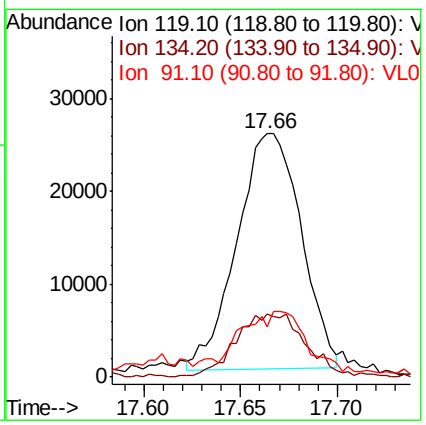


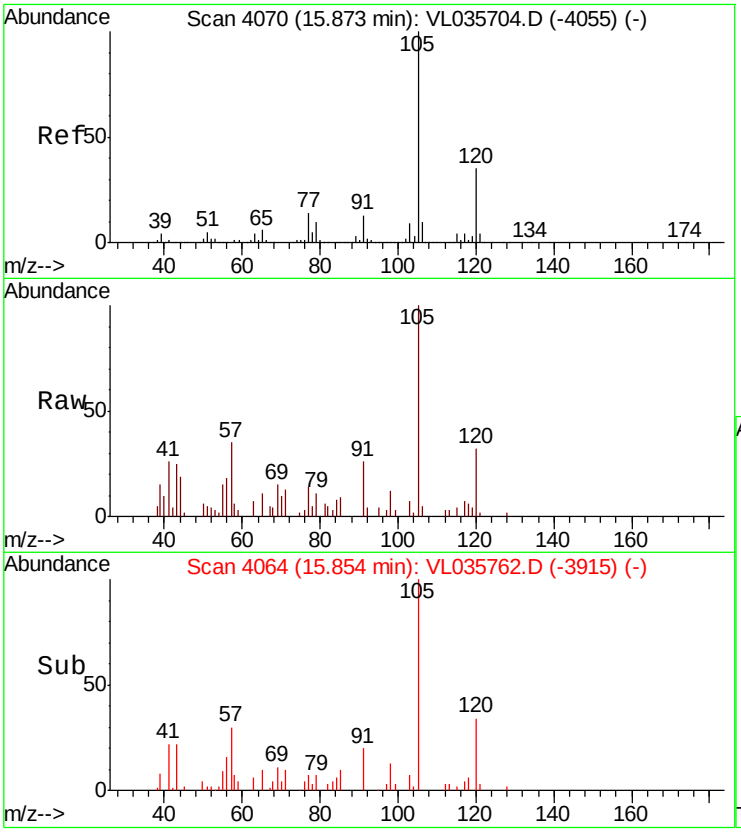




#69
p-Isopropyltoluene
Concen: 0.099 ppbv
RT: 17.66 min Scan# 4627
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion:119 Resp: 58622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 29.7 | 23.9 | 35.9 |
| 91 | 31.0 | 23.8 | 35.6 |



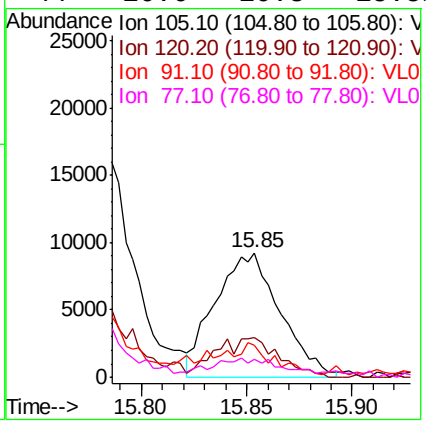


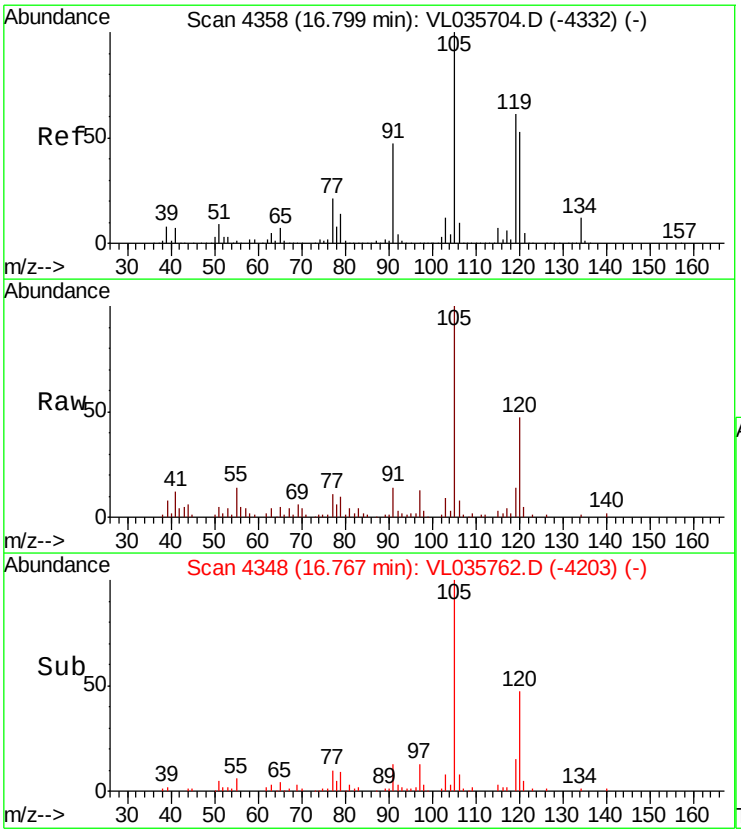

#72
4-Ethyltoluene
Concen: 0.045 ppbv
RT: 15.85 min Scan# 4064
Delta R.T. -0.02 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

**Instrument :**
MSVOA_L
**ClientSampleId :**
2DUP

Tgt Ion:105 Resp: 19791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 31.6 | 26.5 | 39.7 |
| 91 | 19.8 | 10.2 | 15.2# |
| 77 | 16.6 | 10.3 | 15.5# |




#74
1,2,4-Trimethylbenzene
Concen: 0.086 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. -0.03 min
Lab File: VL035762.D
Acq: 12 Oct 2020 15:19

Tgt Ion:105 Resp: 40470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.8 | 42.5 | 63.7 |
| 91 | 12.0 | 37.7 | 56.5# |
| 77 | 10.8 | 16.7 | 25.1# |