Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120720\
Data File : VL036089.D
Acq On : 8 Dec 2020 7:02
Operator : SY/AP
Sample : L4948-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Quant Time: Dec 08 08:42:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.68 | 49 | 1106427 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.19 | 114 | 2527086 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.11 | 117 | 2271476 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.44 | 95 | 1951536 | 10.82 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 108.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.05 | 85 | 38235 | 0.297 | ppbv | | 99 |
| 4) Chloromethane | 3.14 | 50 | 28819 | 0.465 | ppbv | | 93 |
| 9) Propene | 3.21 | 41 | 87348 | 1.381 | ppbv | | 88 |
| 10) Heptane | 8.14 | 43 | 301037 | 1.864 | ppbv | | 100 |
| 11) Trichlorofluoromethane | 3.95 | 101 | 62783 | 0.414 | ppbv | | 95 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.49 | 101 | 3882 | 0.038 | ppbv | # | 12 |
| 13) Ethanol | 3.61 | 45 | 1057202 | 121.271 | ppbv | | 85 |
| 15) Acetone | 3.85 | 43 | 1896042 | 14.259 | ppbv | | 94 |
| 16) 1,3-Butadiene | 3.34 | 39 | 6689 | 0.100 | ppbv | # | 1 |
| 19) Isopropyl Alcohol | 4.01 | 45 | 15625 | 0.192 | ppbv | # | 100 |
| 20) Methylene Chloride | 4.36 | 84 | 53443 | 0.981 | ppbv | | 82 |
| 21) Allyl Chloride | 4.38 | 41 | 6529 | 0.074 | ppbv | # | 33 |
| 23) Vinyl Acetate | 5.07 | 43 | 52083 | 0.294 | ppbv | # | 10 |
| 25) Ethyl Acetate | 5.70 | 43 | 492667 | 1.855 | ppbv | # | 83 |
| 26) Hexane | 5.70 | 57 | 575515 | 4.814 | ppbv | # | 42 |
| 30) Cyclohexane | 7.15 | 84 | 673975 | 7.674 | ppbv | | 98 |
| 34) 2-Butanone | 5.26 | 43 | 53605 | 0.320 | ppbv | # | 58 |
| 36) Benzene | 6.91 | 78 | 102529 | 0.479 | ppbv | | 95 |
| 39) 1,2-Dichloropropane | 7.19 | 63 | 735338 | 8.694 | ppbv | # | 23 |
| 44) 2,2,4-Trimethylpentane | 7.89 | 57 | 219373 | 0.566 | ppbv | # | 66 |
| 51) 2-Hexanone | 10.13 | 43 | 15448 | 0.079 | ppbv | # | 53 |
| 53) Toluene | 9.82 | 91 | 1180902 | 4.910 | ppbv | | 98 |
| 58) Ethyl Benzene | 12.73 | 91 | 628487 | 2.019 | ppbv | | 100 |
| 59) m/p-Xylene | 12.99 | 91 | 2487332 | 9.487 | ppbv | | 97 |
| 60) o-Xylene | 13.72 | 91 | 964816 | 3.906 | ppbv | | 97 |
| 62) Isopropylbenzene | 14.69 | 105 | 18565 | 0.051 | ppbv | # | 50 |
| 64) n-propylbenzene | 15.79 | 120 | 6534 | 0.074 | ppbv | | 72 |
| 65) tert-Butylbenzene | 16.78 | 119 | 17066 | 0.057 | ppbv | # | 15 |
| 71) 2-Chlorotoluene | 15.58 | 91 | 24711 | 0.089 | ppbv | # | 46 |
| 72) 4-Ethyltoluene | 15.86 | 105 | 42795 | 0.160 | ppbv | # | 72 |
| 73) 1,3,5-Trimethylbenzene | 16.02 | 105 | 33179 | 0.130 | ppbv | # | 84 |
| 74) 1,2,4-Trimethylbenzene | 16.79 | 105 | 114929 | 0.448 | ppbv | # | 64 |
| 79) Naphthalene | 22.25 | 128 | 4952 | 0.038 | ppbv | | 96 |
| 80) Naphthalene,2-methyl- | 25.13 | 142 | 990 | 0.034 | ppbv | | 86 |

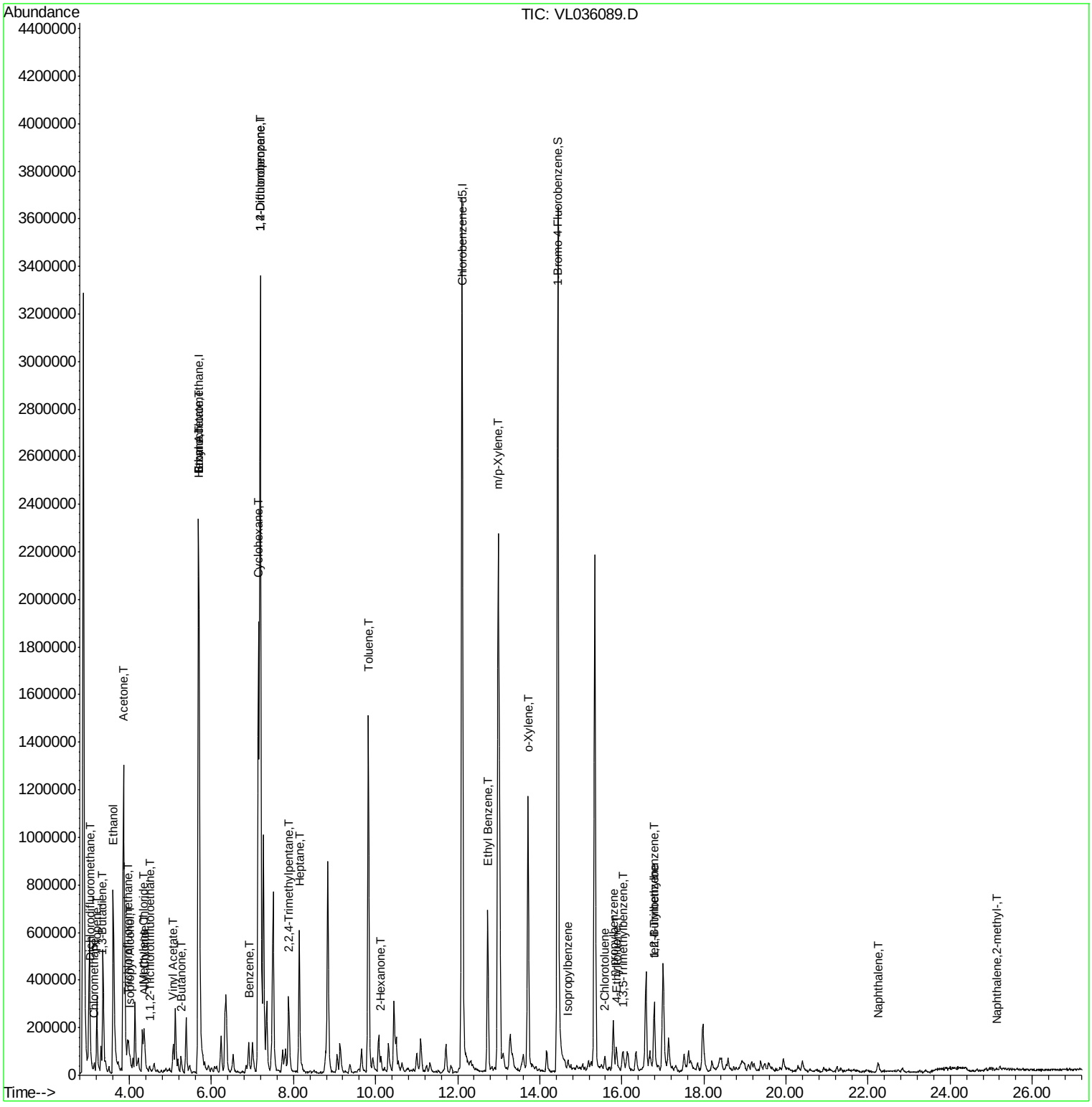
(#) = qualifier out of range (m) = manual integration (+) = signals summed

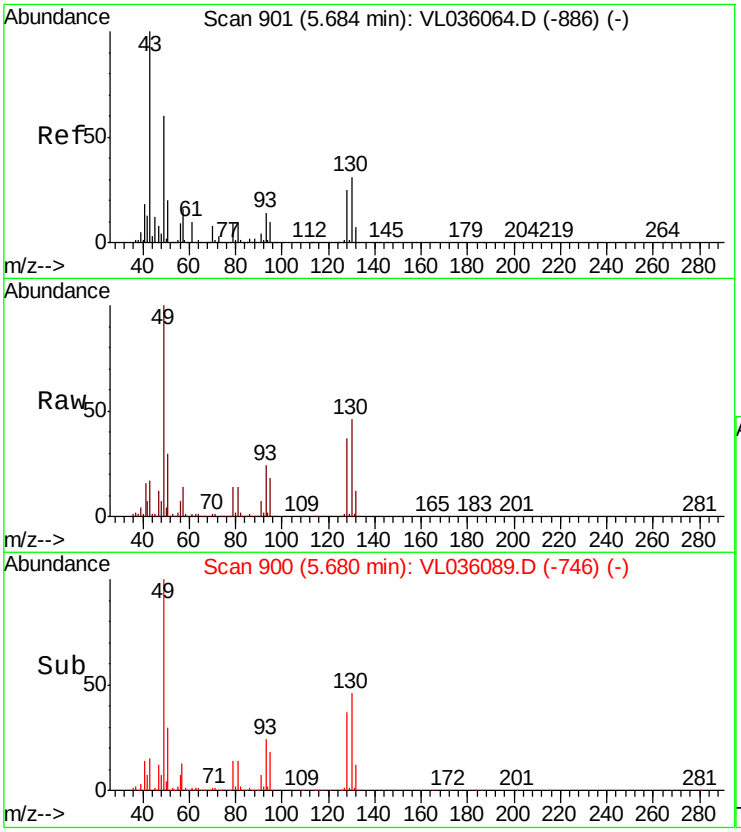
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120720\
Data File : VL036089.D
Acq On : 8 Dec 2020 7:02
Operator : SY/AP
Sample : L4948-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Quant Time: Dec 08 08:42:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



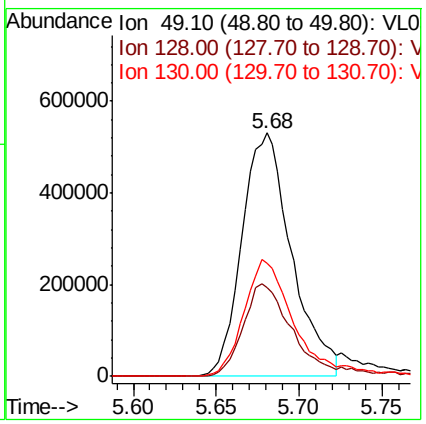


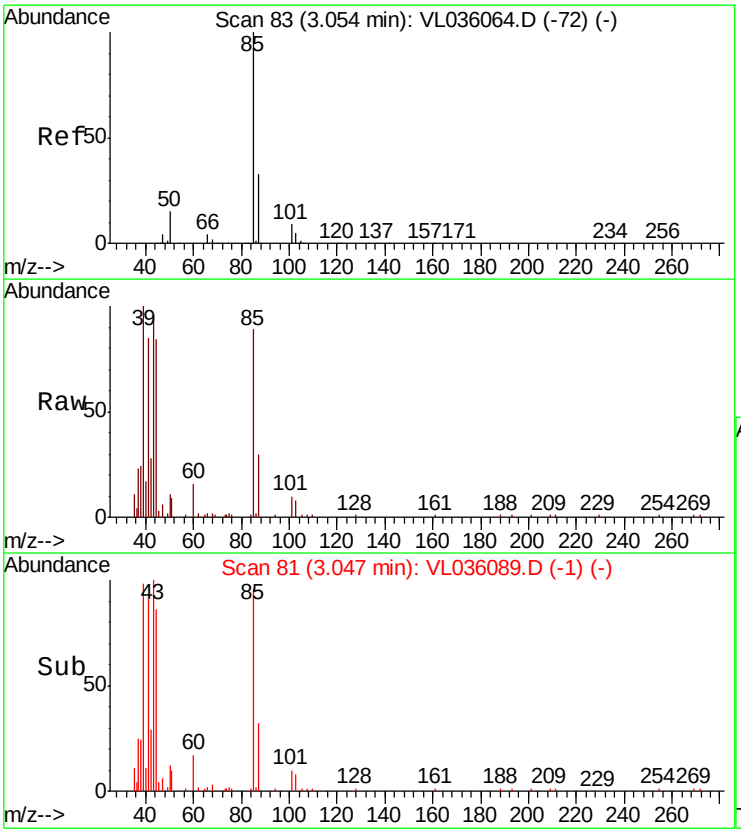

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA-3B

Tgt Ion: 49 Resp: 1106427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 39.4 | 21.1 | 63.1 |
| 130 | 50.3 | 27.1 | 81.3 |

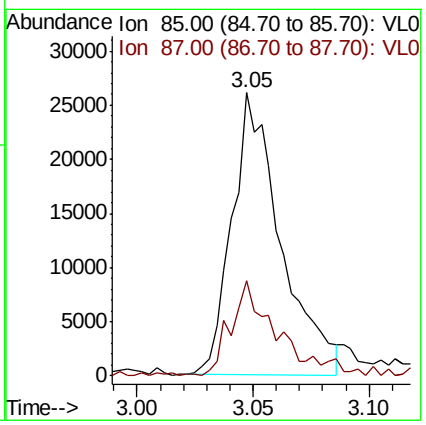


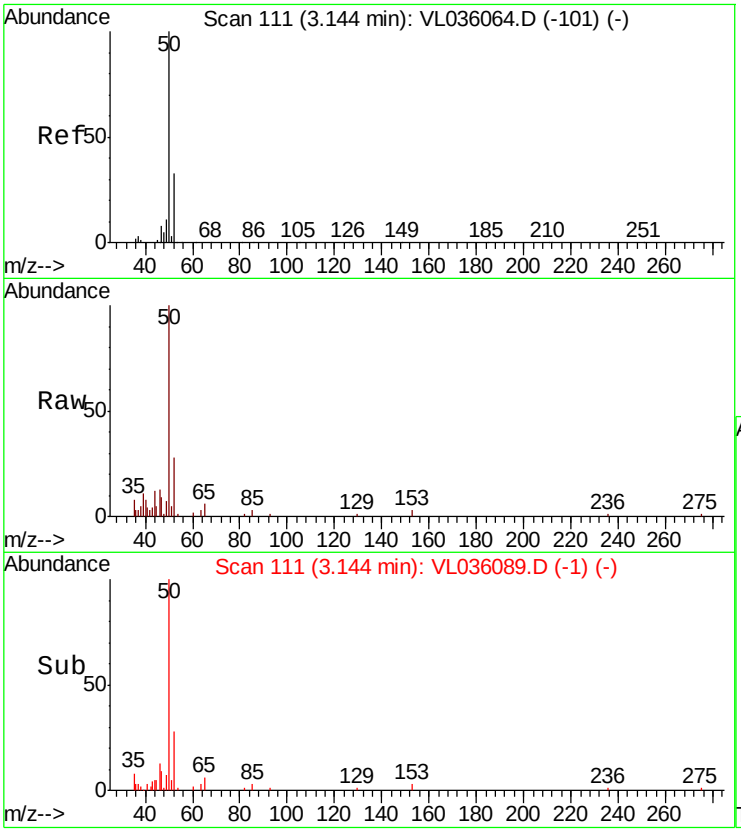




#2
Dichlorodifluoromethane
Concen: 0.297 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 85 Resp: 38235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.5 | 26.5 | 39.7 |



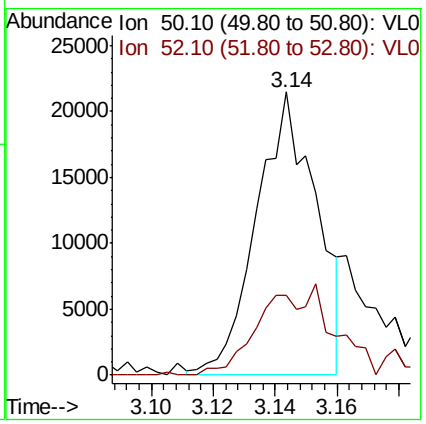


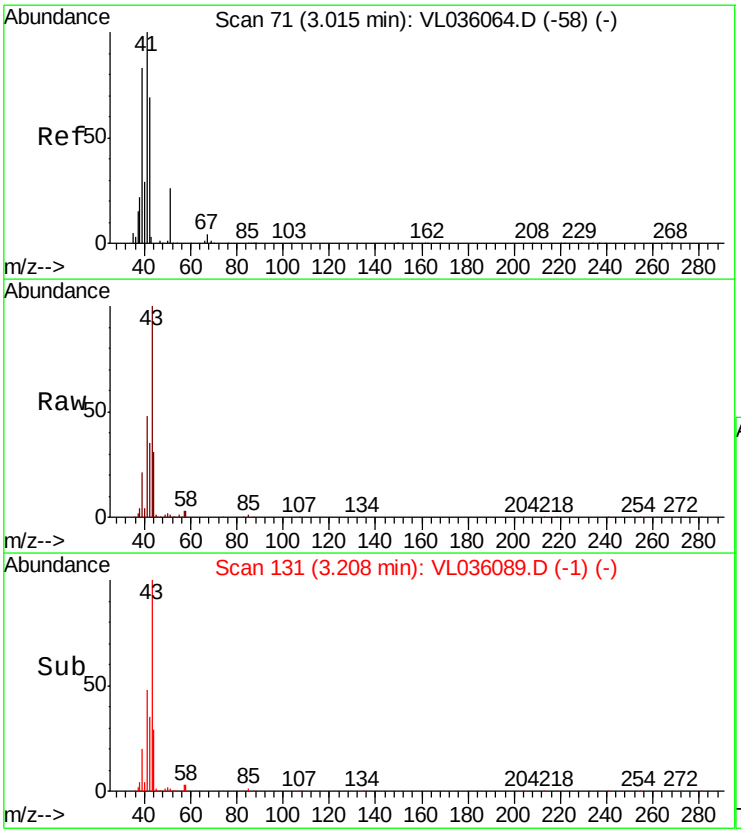

#4
Chloromethane
Concen: 0.465 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA-3B

Tgt Ion: 50 Resp: 28819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.6 | 26.1 | 39.1 |

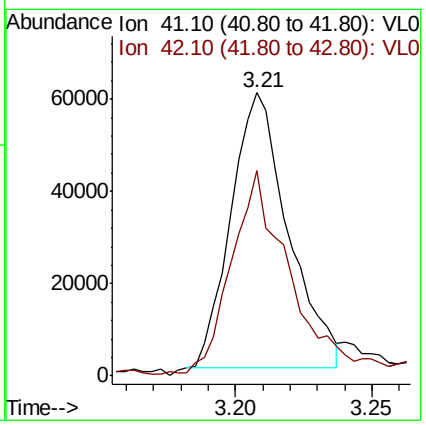


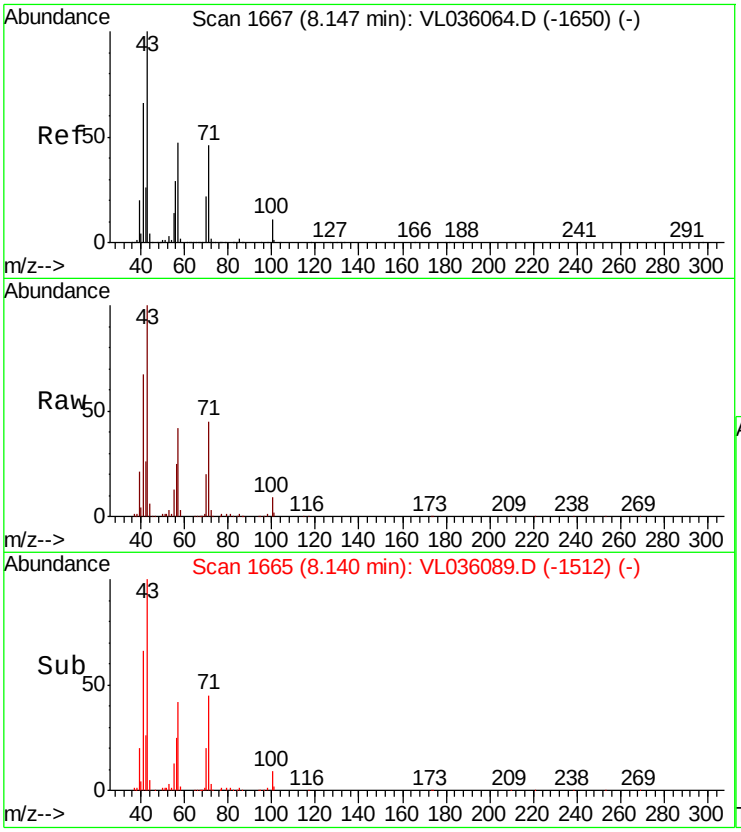




#9
Propene
Concen: 1.381 ppbv
RT: 3.21 min Scan# 131
Delta R.T. 0.19 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 41 Resp: 87348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 81.1 | 57.0 | 85.6 |



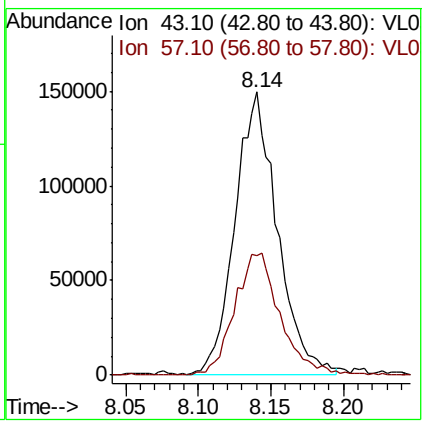


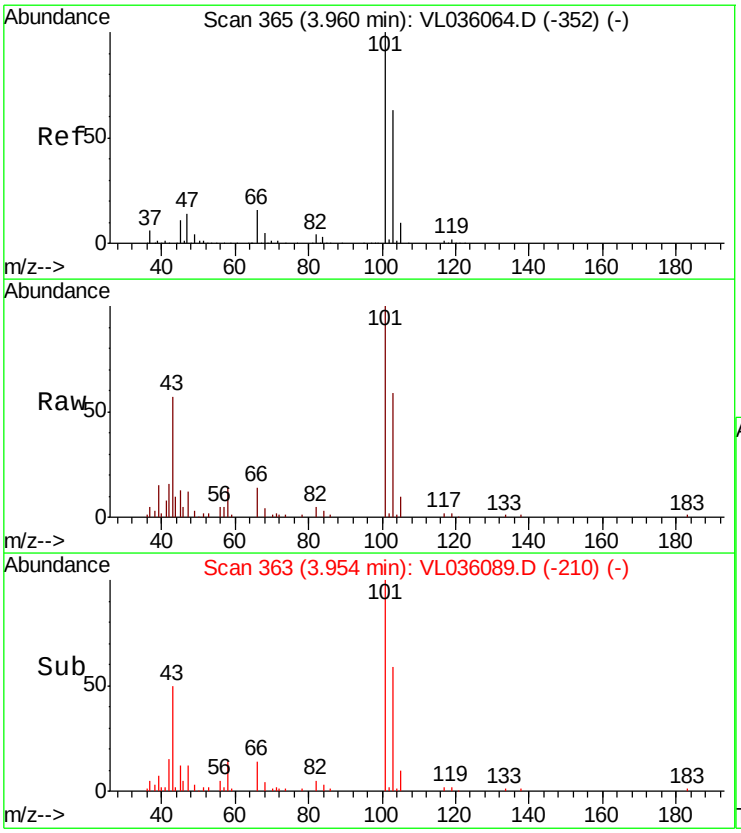

#10
Heptane
Concen: 1.864 ppbv
RT: 8.14 min Scan# 1665
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 43 Resp: 301037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 47.4 | 37.9 | 56.9 |

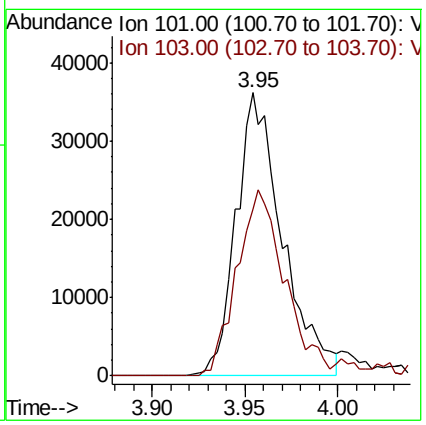


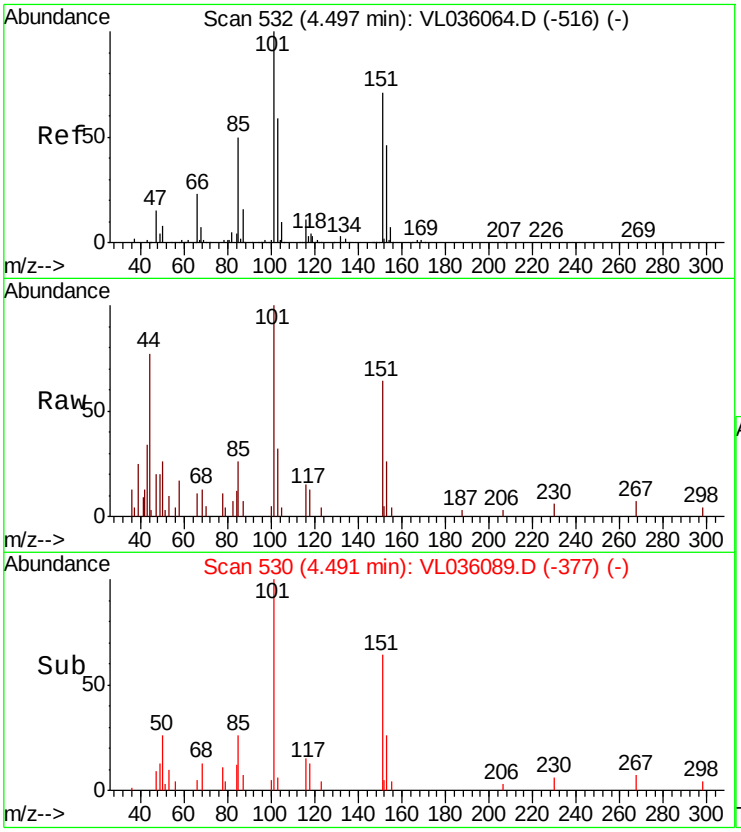




#11
Trichlorofluoromethane
Concen: 0.414 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion:101 Resp: 62783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 59.0 | 50.3 | 75.5 |



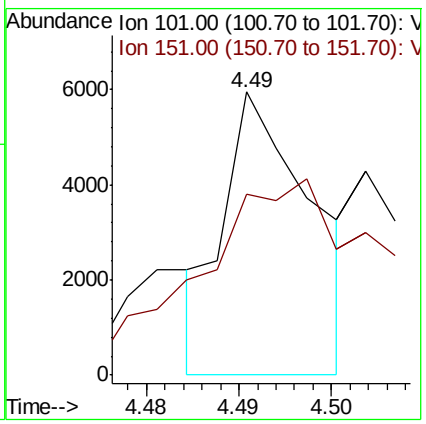


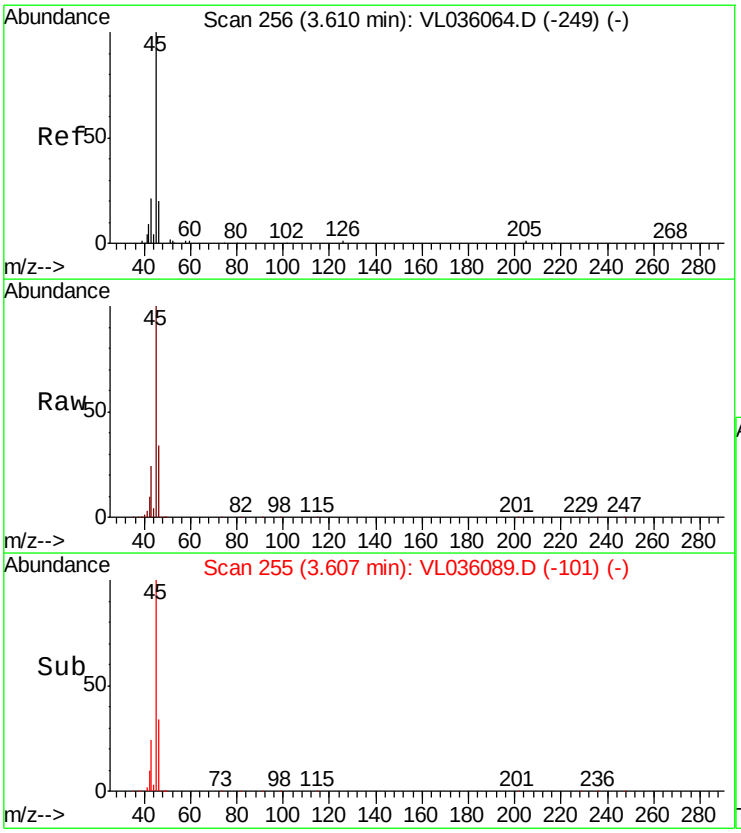

#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.038 ppbv
RT: 4.49 min Scan# 530
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA-3B

Tgt Ion:101 Resp: 3882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 0.0 | 59.3 | 88.9# |

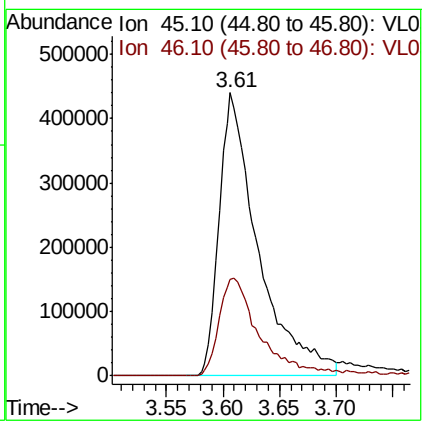


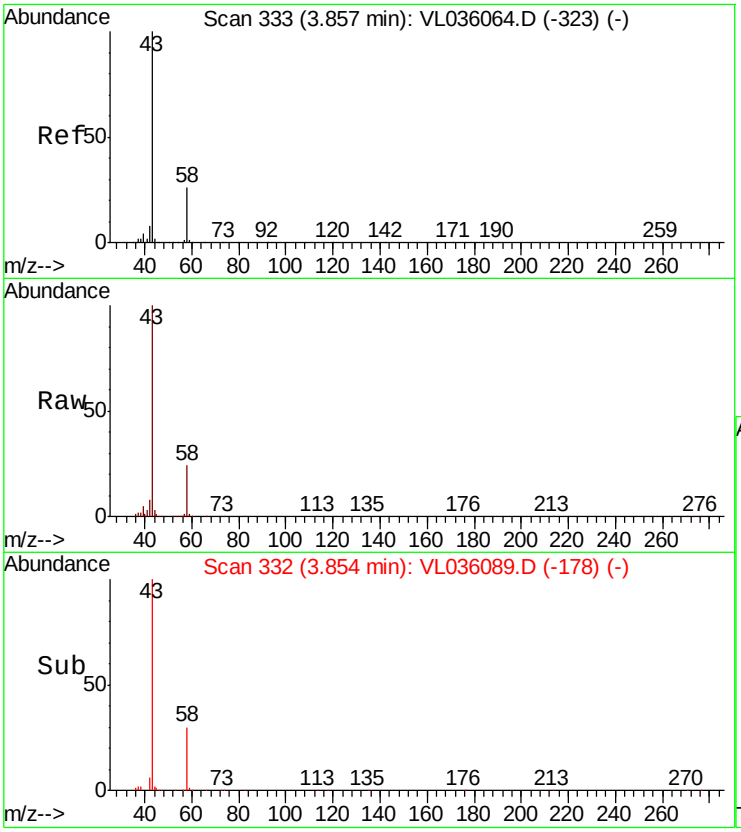




#13
Ethanol
Concen: 121.271 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 45 Resp: 1057202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.5 | 19.0 | 75.8 |



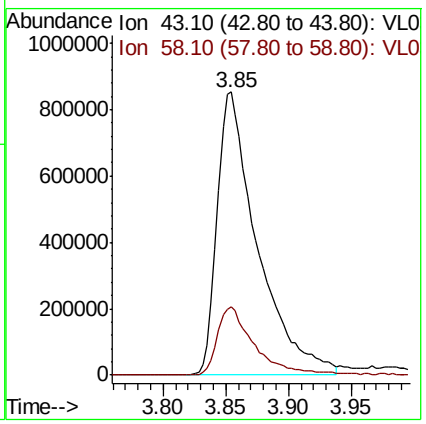


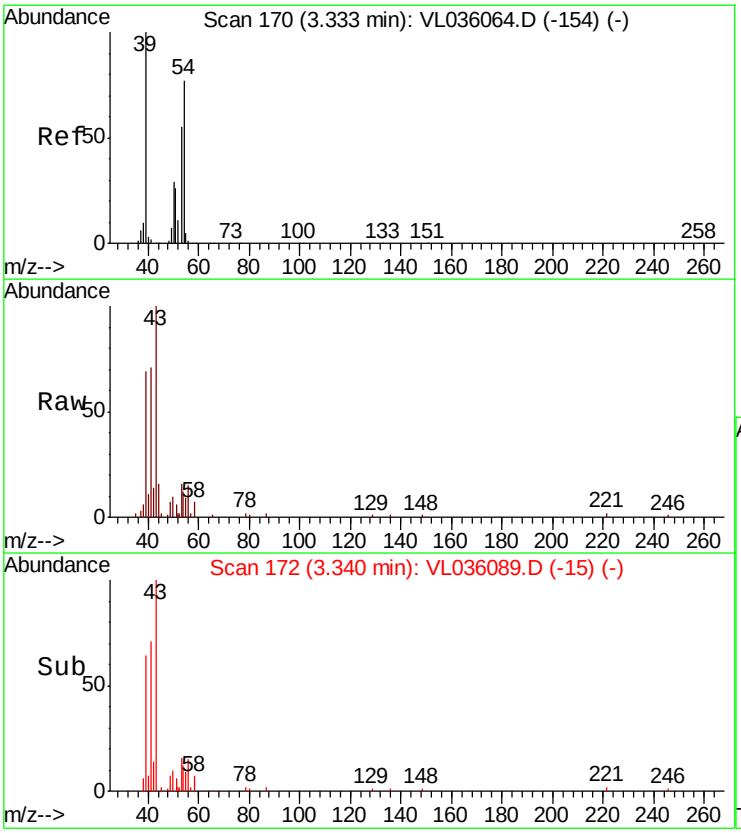

#15
Acetone
Concen:  14.259 ppbv
RT: 3.85 min  Scan# 332
Delta R.T.  -0.00 min
Lab File:  VL036089.D
Acq:  8 Dec 2020  7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 43 Resp: 1896042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.2 | 20.9 | 31.3 |

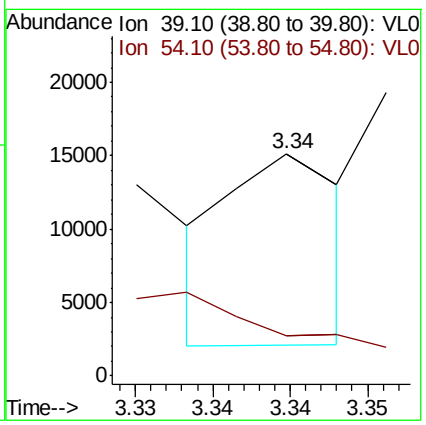


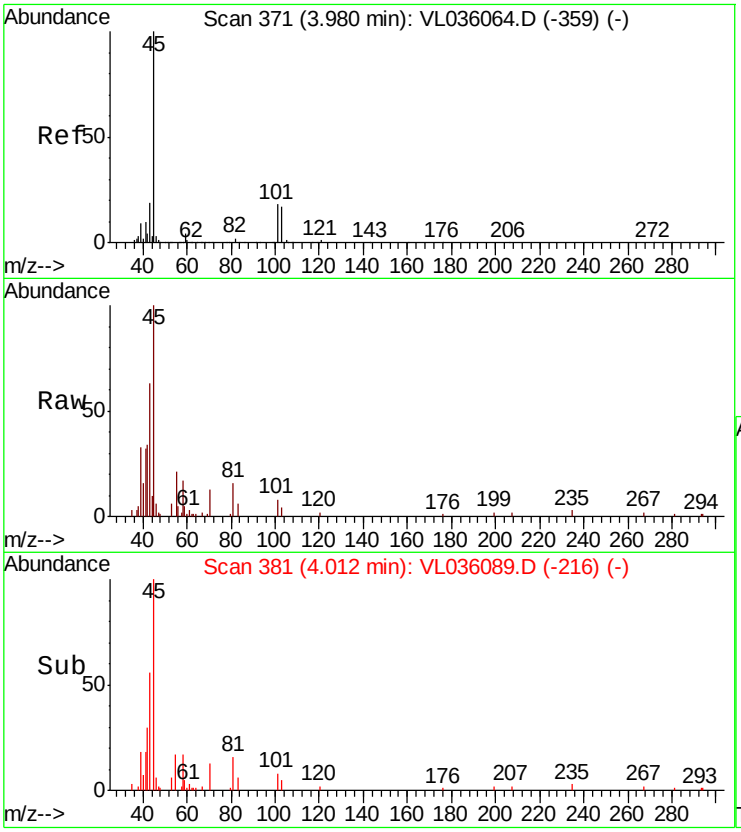




#16
1,3-Butadiene
Concen:  0.100 ppbv
RT: 3.34 min  Scan# 172
Delta R.T.  0.01 min
Lab File:  VL036089.D
Acq:  8 Dec 2020  7:02

Tgt Ion: 39 Resp:  6689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 177.1 | 62.1 | 93.1# |



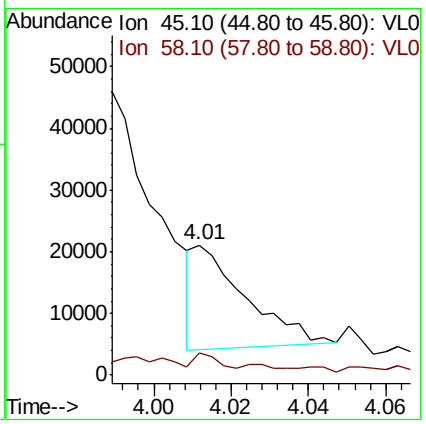


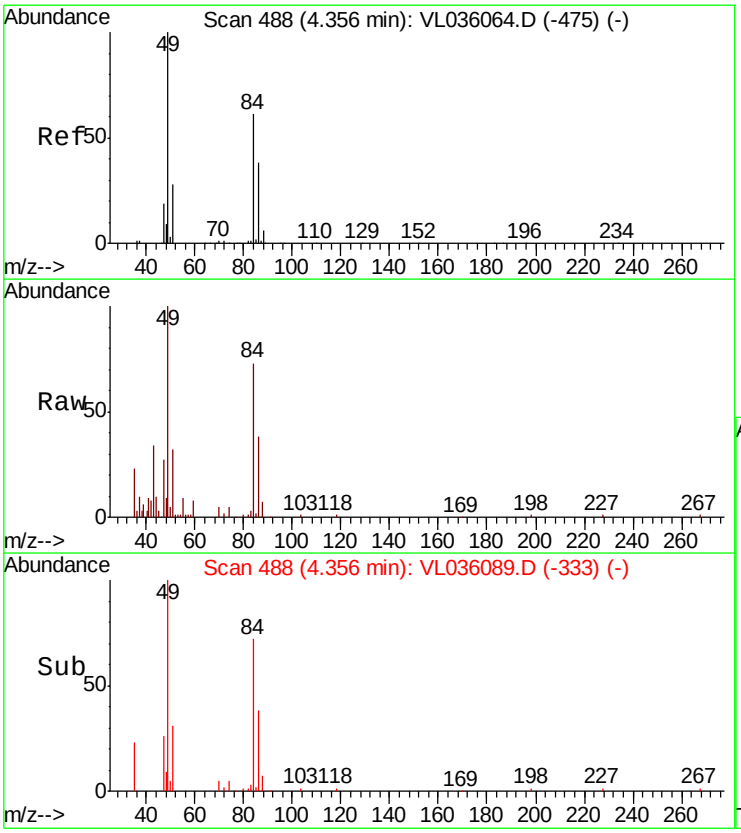

#19
Isopropyl Alcohol
Concen: 0.192 ppbv
RT: 4.01 min Scan# 381
Delta R.T. 0.03 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 45 Resp: 15625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 0.0 | 0.0 | 0.0 |

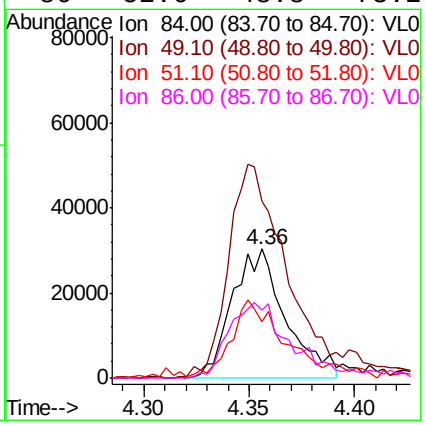


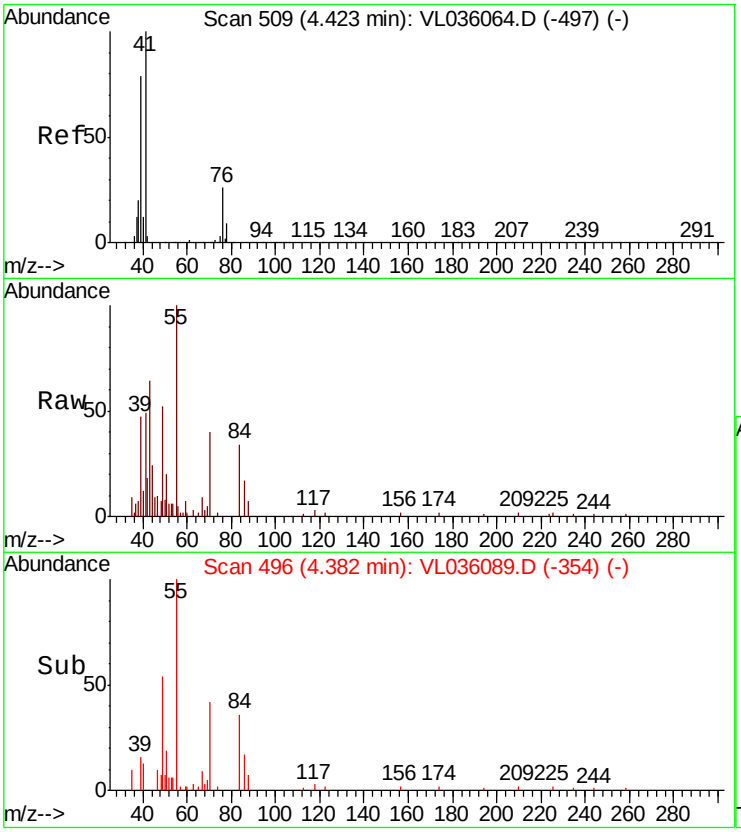




#20
Methylene Chloride
Concen: 0.981 ppbv
RT: 4.36 min Scan# 488
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 84 Resp: 53443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 136.4 | 133.0 | 199.4 |
| 51 | 40.8 | 38.9 | 58.3 |
| 86 | 52.6 | 48.8 | 73.2 |



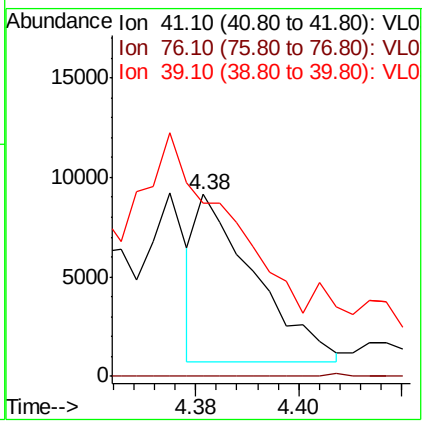


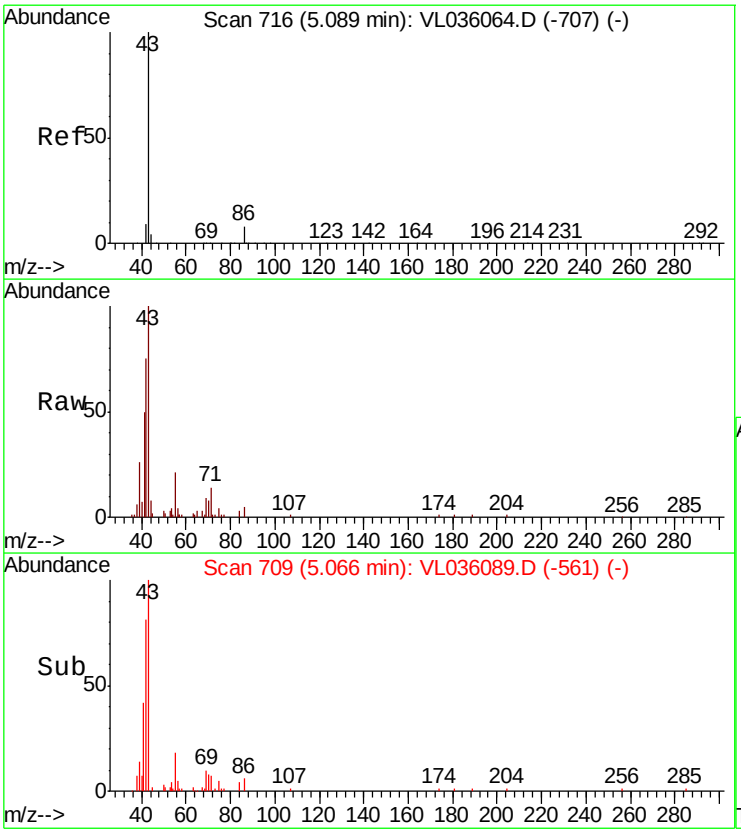

#21
Allvl Chloride
Concen: 0.074 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.04 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 41 Resp: 6529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 0.0 | 21.0 | 31.4# |
| 39 | 18.3 | 66.0 | 99.0# |

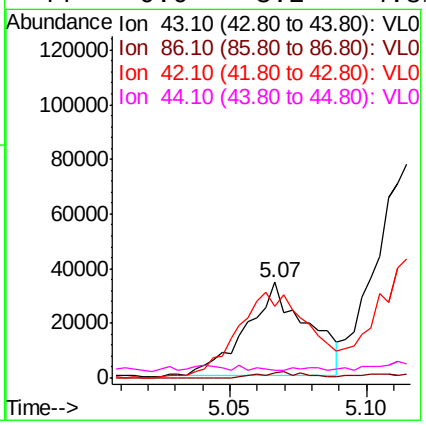


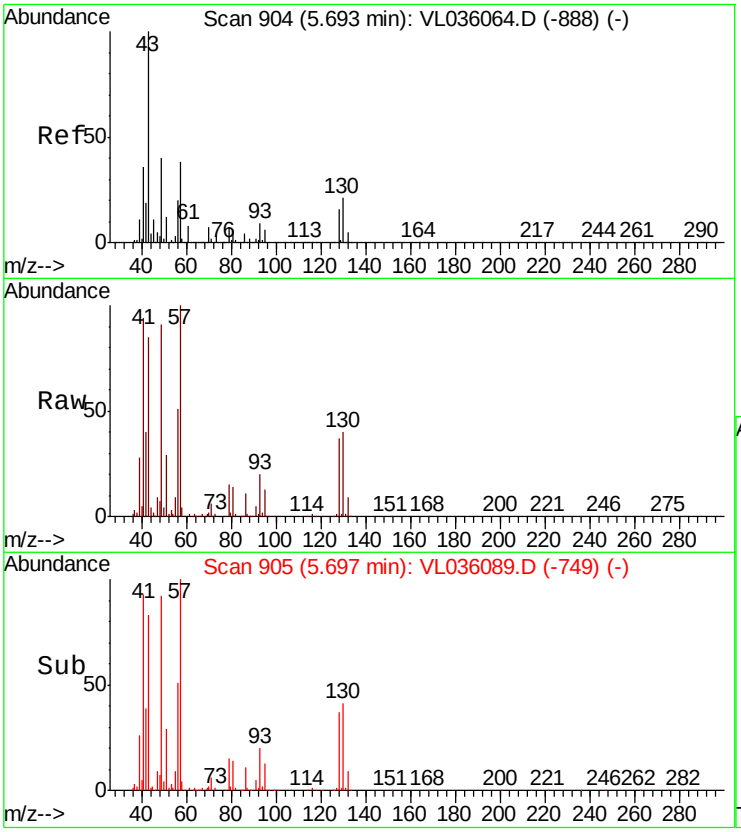




#23
Vinyl Acetate
Concen: 0.294 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.02 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 43 Resp: 52083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 5.2 | 5.0 | 7.4 |
| 42 | 74.8 | 7.8 | 11.6# |
| 44 | 0.0 | 3.2 | 4.8# |



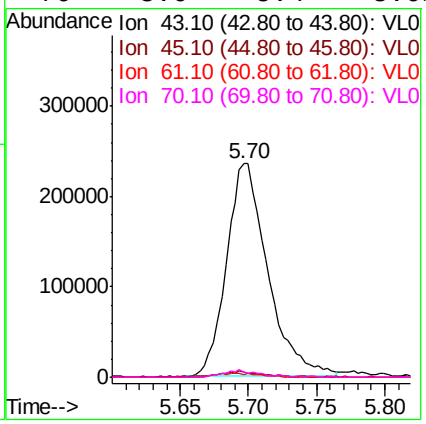


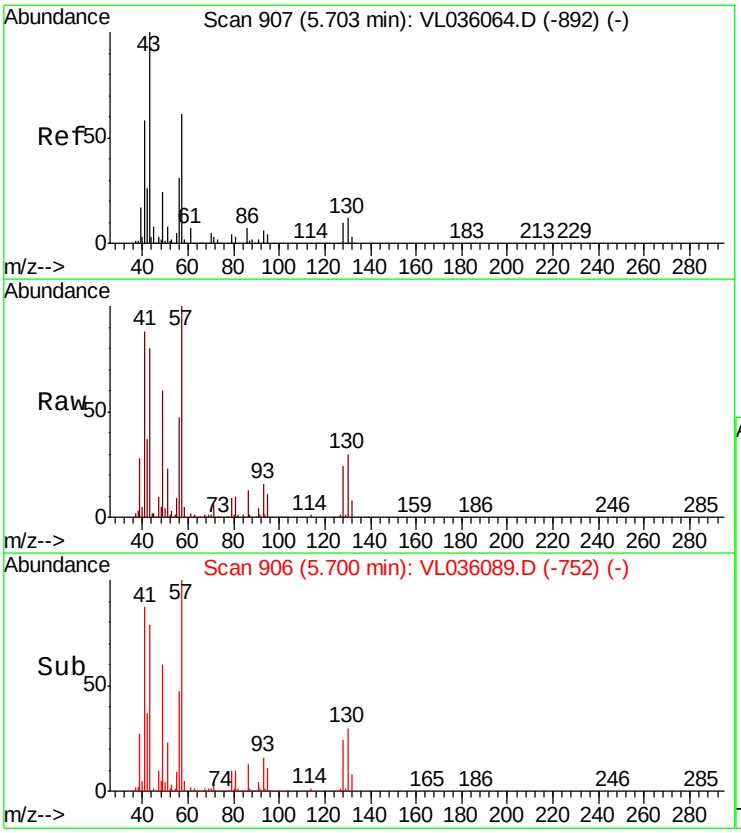

#25
Ethyl Acetate
Concen: 1.855 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 43 Resp: 492667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 3.1 | 8.2 | 12.4# |
| 61 | 2.3 | 7.4 | 11.2# |
| 70 | 3.0 | 5.4 | 8.0# |

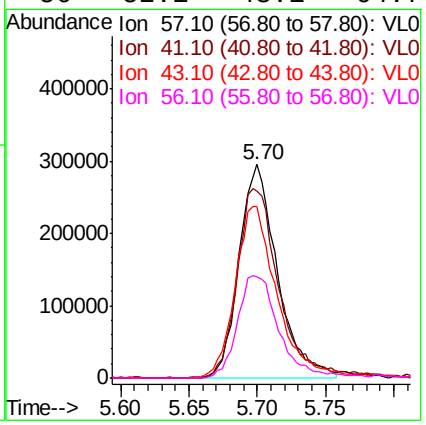


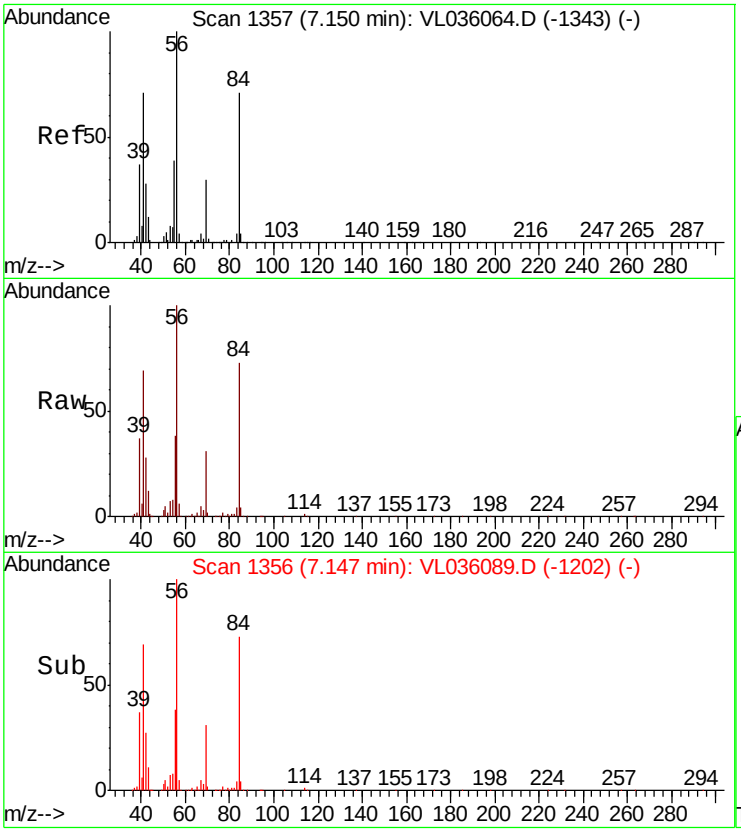




#26
Hexane
Concen: 4.814 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 57 Resp: 575515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 98.5 | 82.9 | 124.3 |
| 43 | 89.1 | 199.9 | 299.9# |
| 56 | 52.1 | 43.1 | 64.7 |



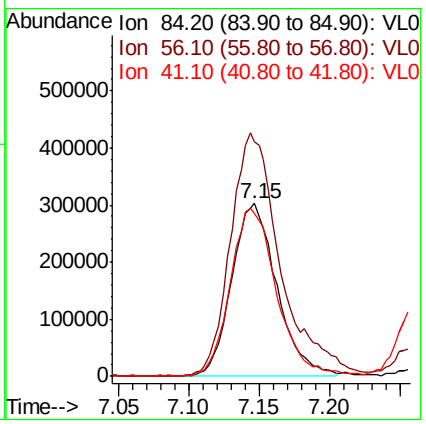


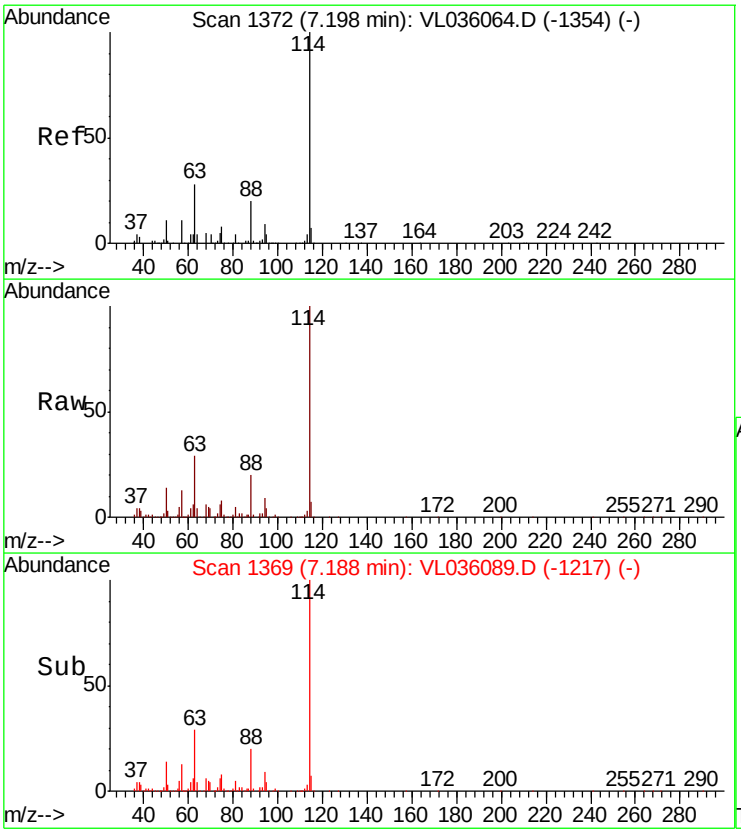

#30
Cyclohexane
Concen: 7.674 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 84 Resp: 673975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 157.1 | 128.0 | 192.0 |
| 41 | 99.8 | 81.3 | 121.9 |

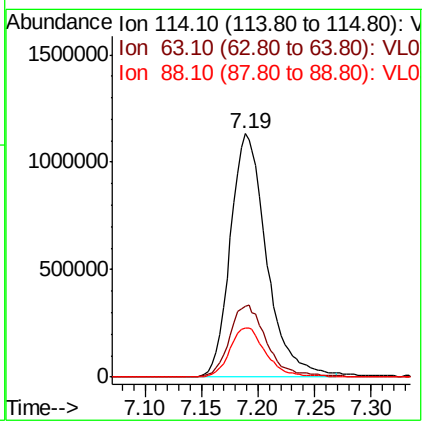


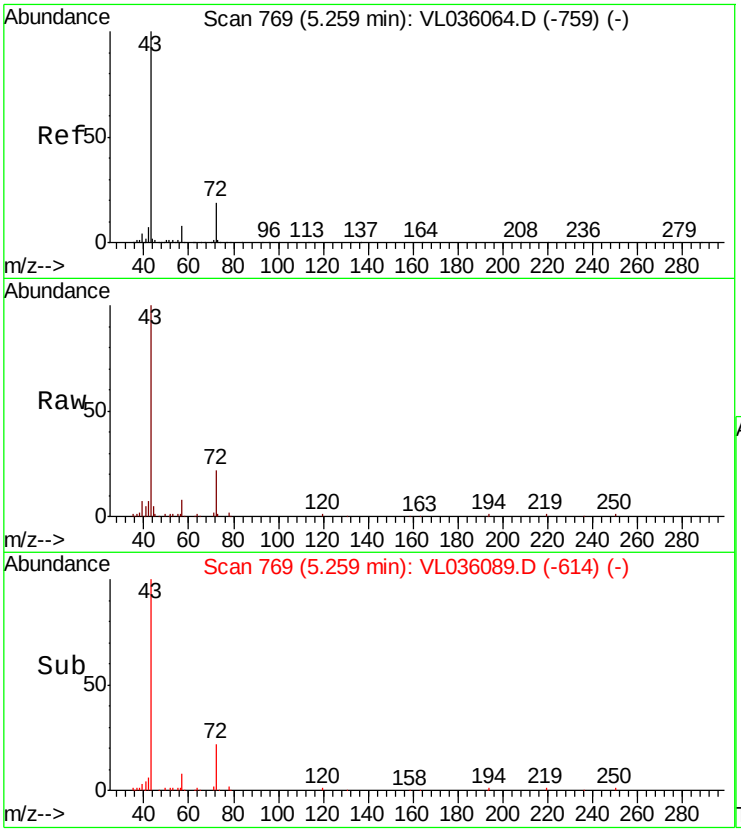




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion:114 Resp: 2527086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 31.1 | 23.6 | 35.4 |
| 88 | 20.5 | 15.8 | 23.6 |



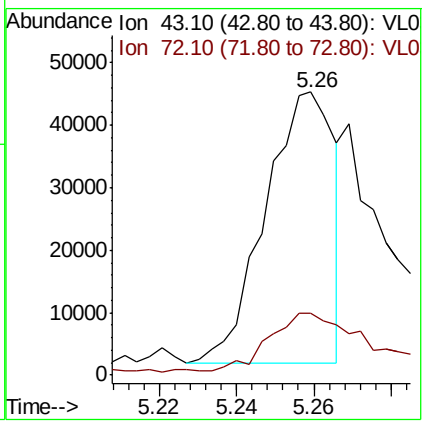


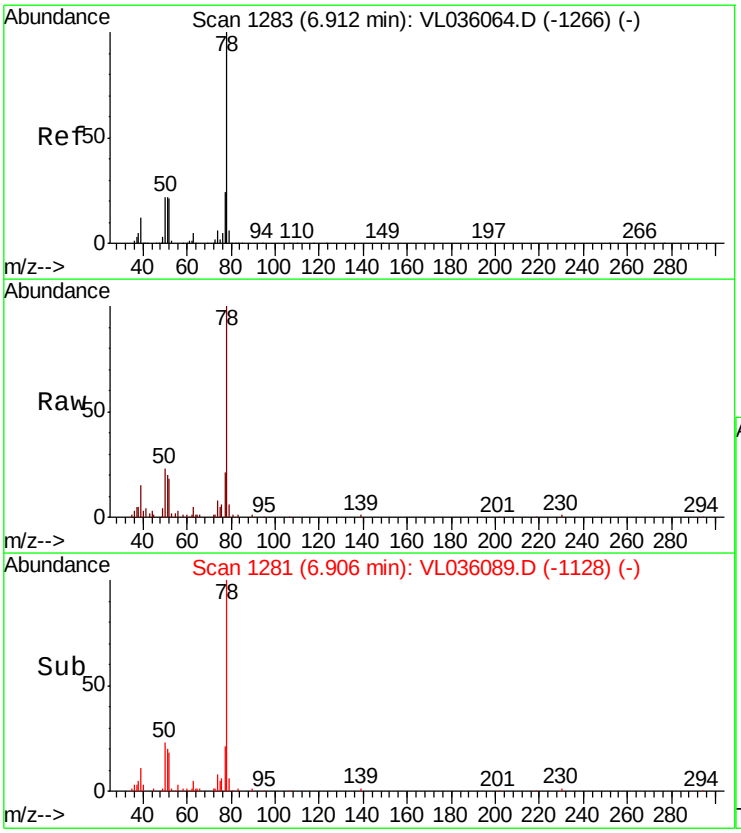

#34
2-Butanone
Concen: 0.320 ppbv
RT: 5.26 min Scan# 769
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA-3B

Tgt Ion: 43 Resp: 53605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 39.9 | 16.5 | 24.7# |

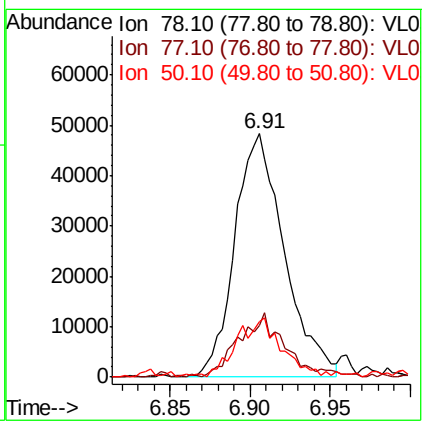


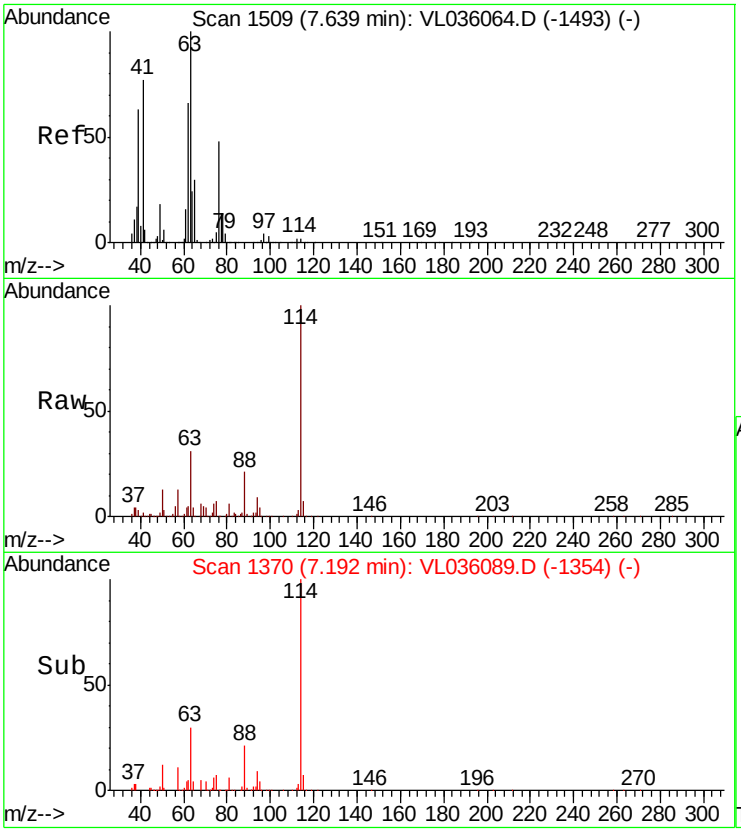




#36
Benzene
Concen: 0.479 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 78 Resp: 102529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 20.7 | 19.4 | 29.2 |
| 50 | 21.5 | 17.8 | 26.8 |



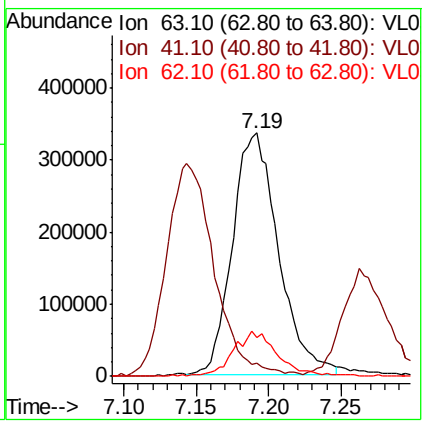


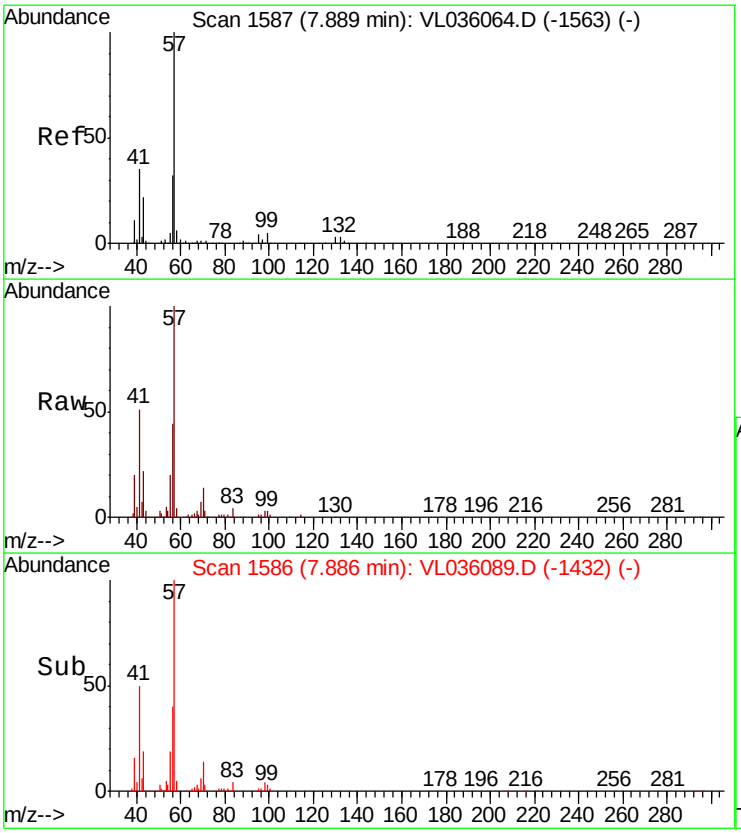

#39
1,2-Dichloropropane
Concen: 8.694 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.45 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 63 Resp: 735338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 61.9 | 92.9# |
| 62 | 15.6 | 52.5 | 78.7# |

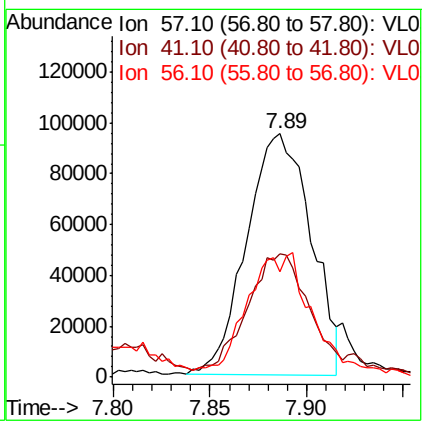


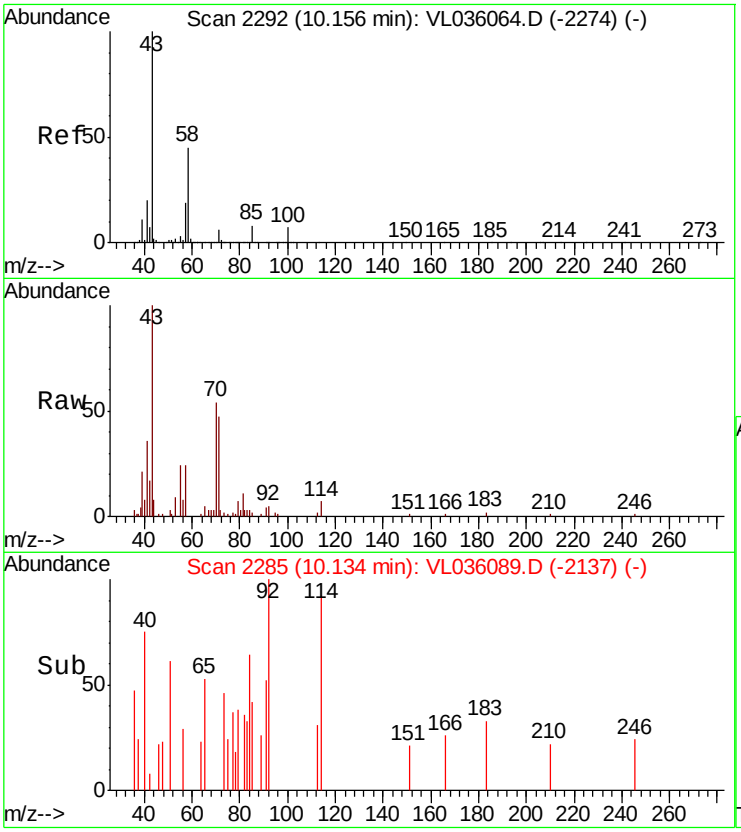




#44
2,2,4-Trimethylpentane
Concen: 0.566 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 57 Resp: 219373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 53.6 | 28.9 | 43.3# |
| 56 | 53.6 | 25.3 | 37.9# |



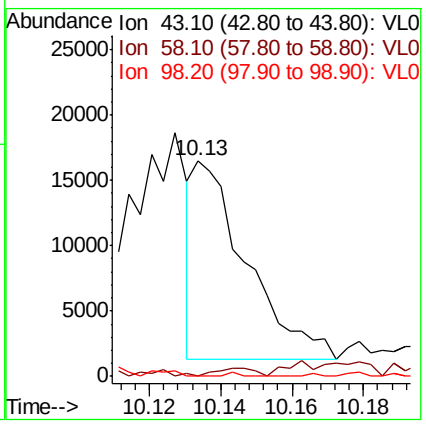


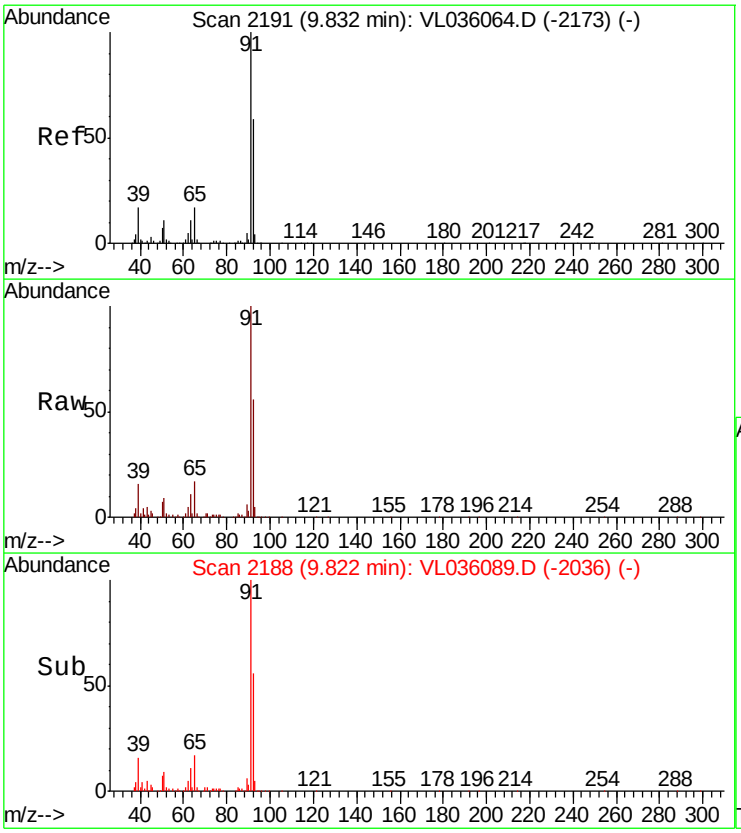

#51
2-Hexanone
Concen: 0.079 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.02 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 43 Resp: 15448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 16.4 | 38.7 | 58.1# |
| 98 | 0.0 | 0.1 | 0.1# |

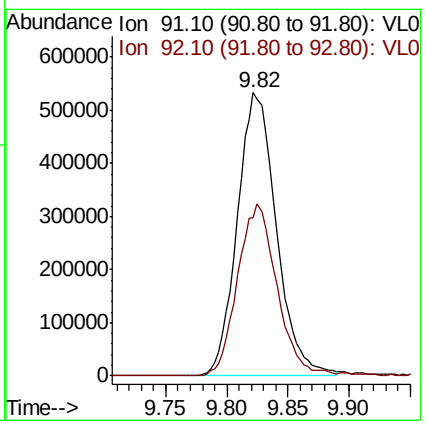


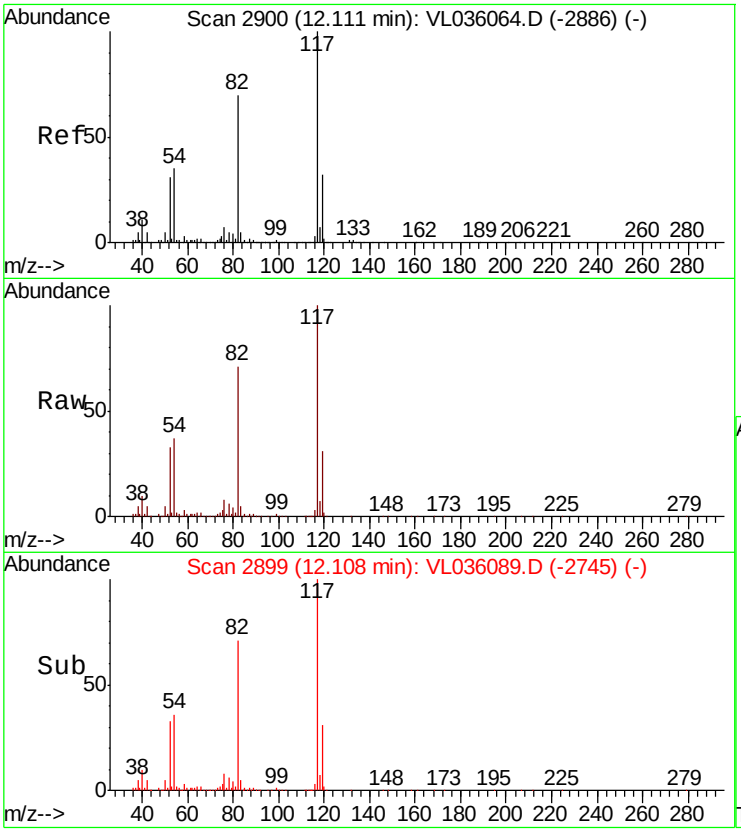




#53
Toluene
Concen: 4.910 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 91 Resp: 1180902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 61.9 | 48.2 | 72.2 |



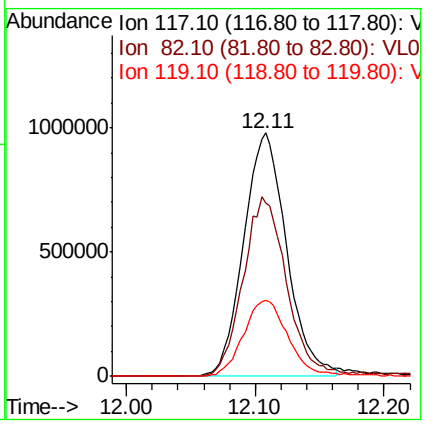


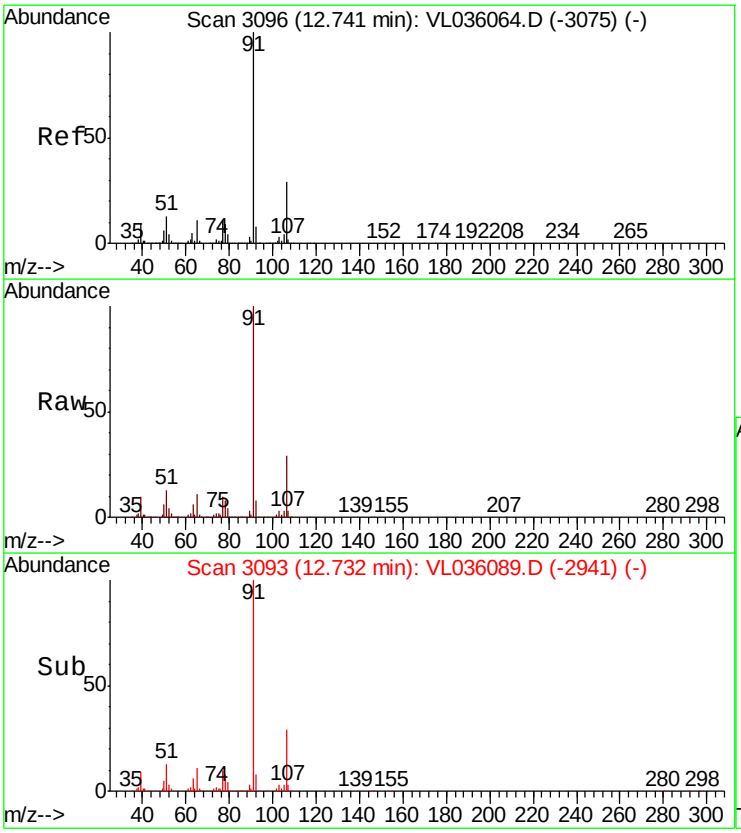

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion:117 Resp: 2271476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 77.2 | 0.0 | 0.0# |
| 119 | 33.1 | 0.0 | 0.0# |

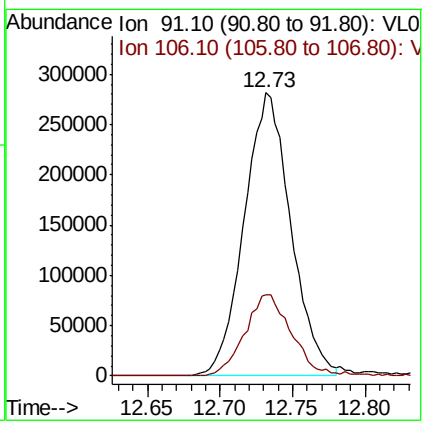


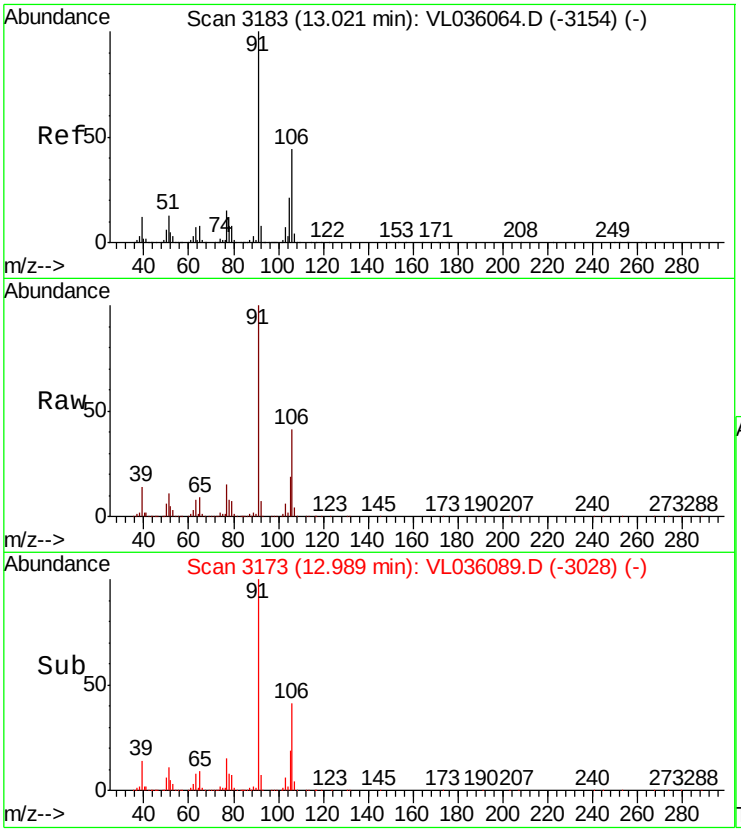




#58
Ethyl Benzene
Concen: 2.019 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 91 Resp: 628487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.9 | 23.0 | 34.4 |



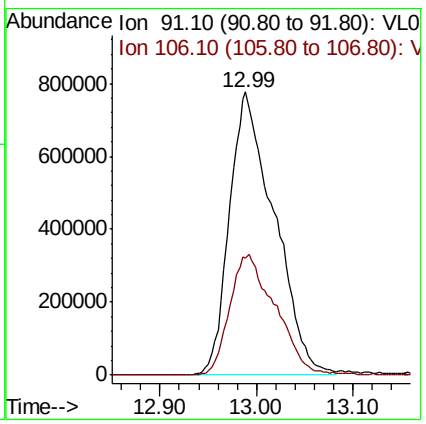


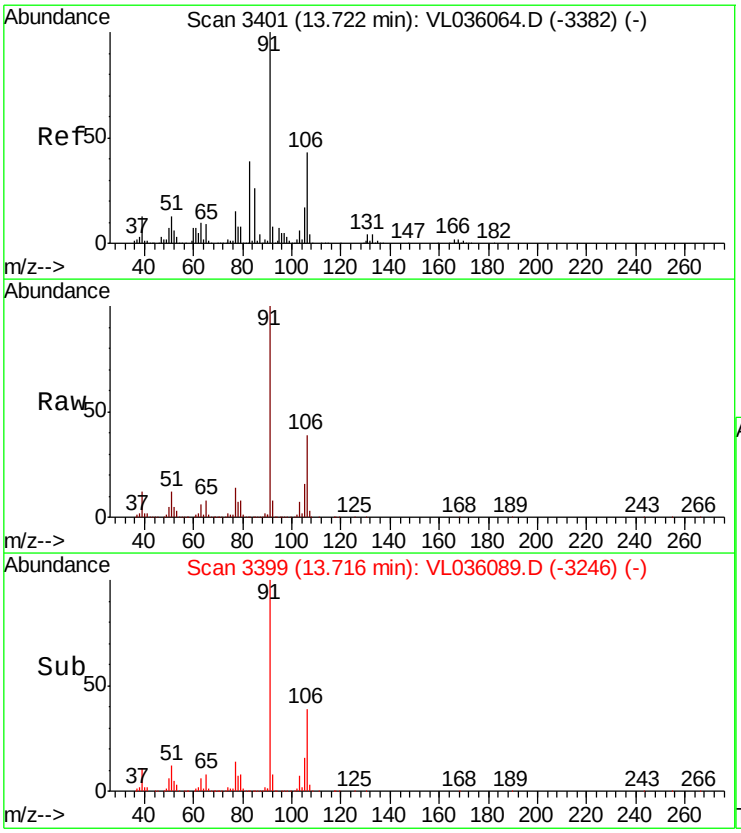

#59
m/p-Xylene
Concen: 9.487 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.03 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 91 Resp: 2487332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 44.0 | 33.6 | 50.4 |

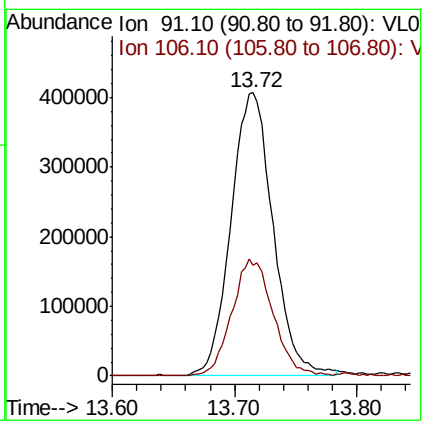


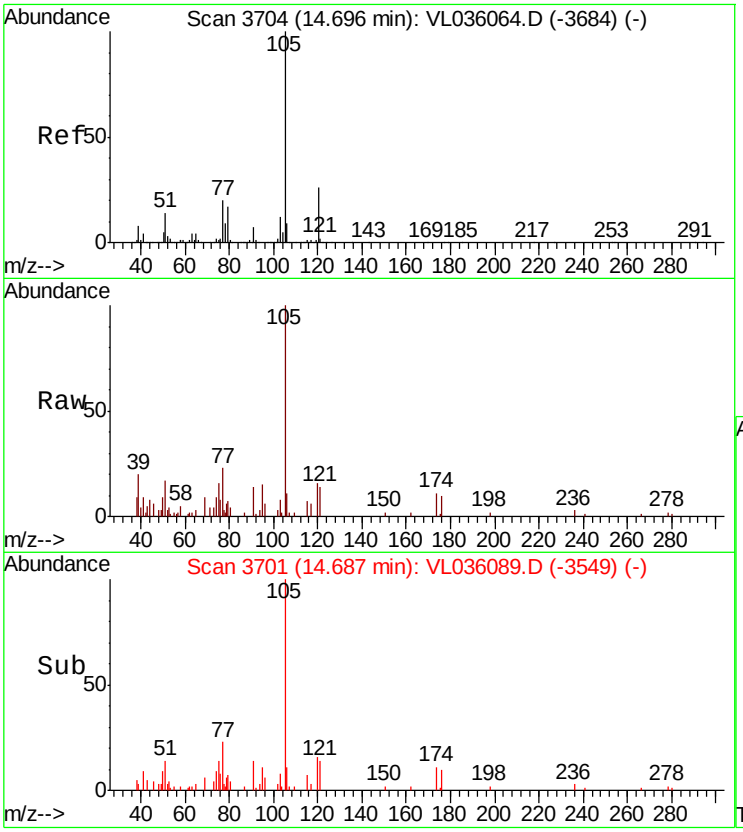




#60
o-Xylene
Concen: 3.906 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 91 Resp: 964816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 41.0 | 21.6 | 64.6 |



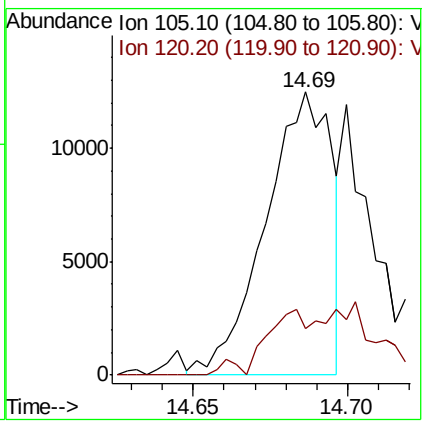


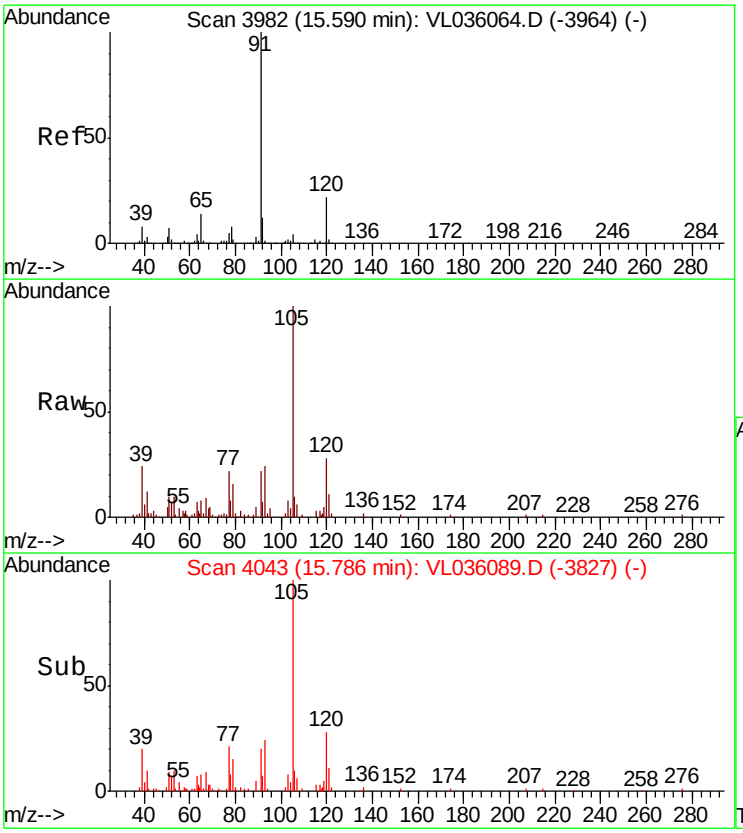

#62
Isopropylbenzene
Concen: 0.051 ppbv
RT: 14.69 min Scan# 3701
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA-3B

Tgt Ion:105 Resp: 18565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 20.1 | 30.1# |

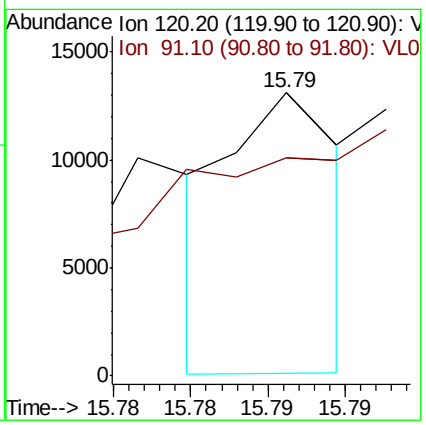


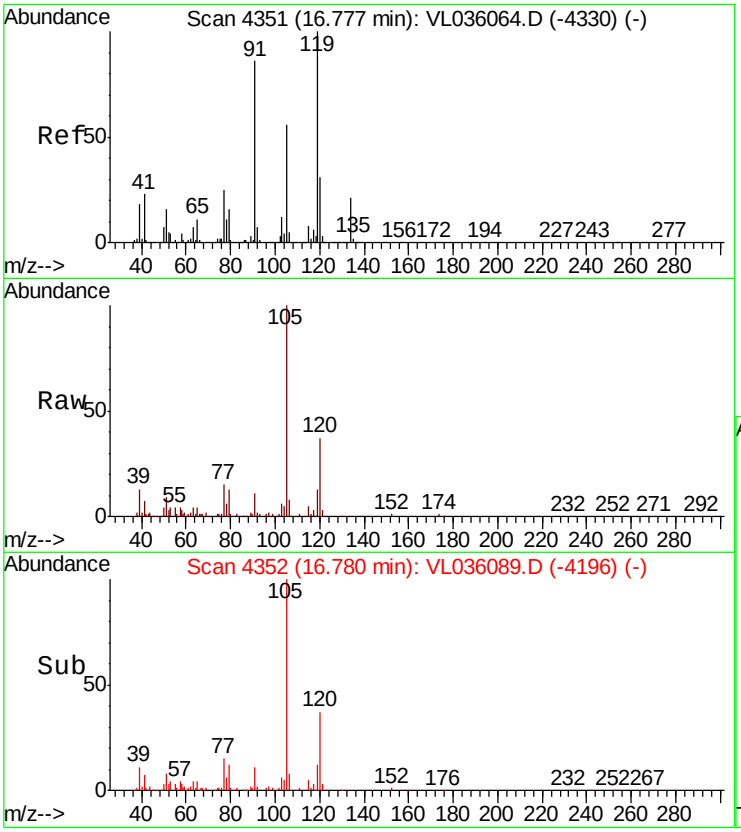




#64
n-propylbenzene
Concen: 0.074 ppbv
RT: 15.79 min Scan# 4043
Delta R.T. 0.20 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion:120 Resp: 6534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 410.2 | 388.9 | 583.3 |



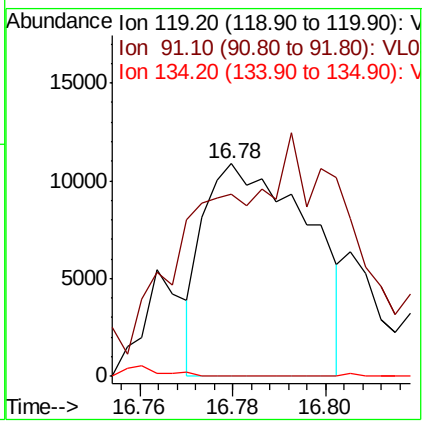


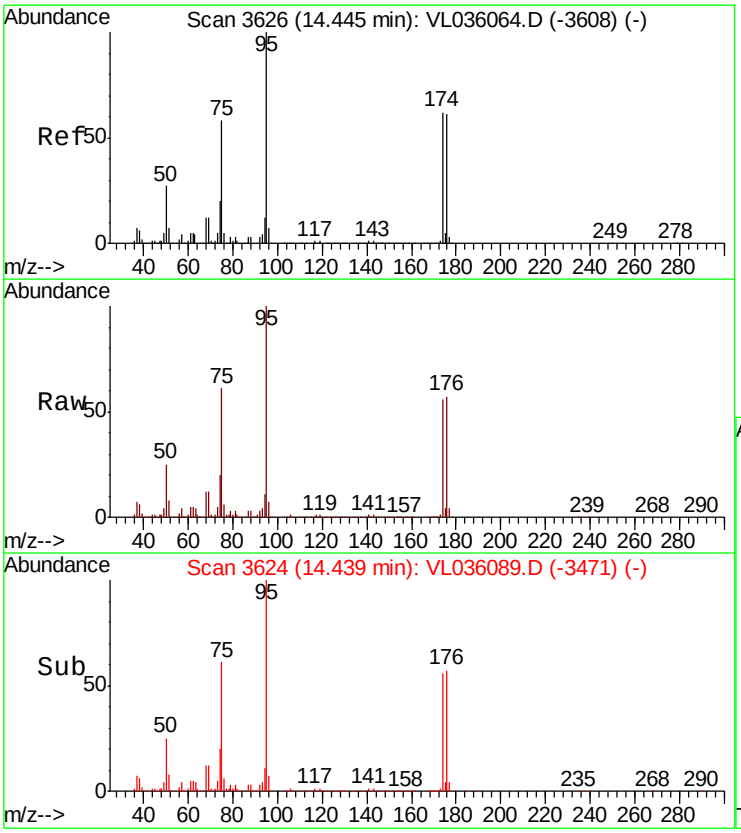

#65
tert-Butylbenzene
Concen: 0.057 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion:119 Resp: 17066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 0.0 | 70.2 | 105.2# |
| 134 | 0.0 | 15.8 | 23.6# |

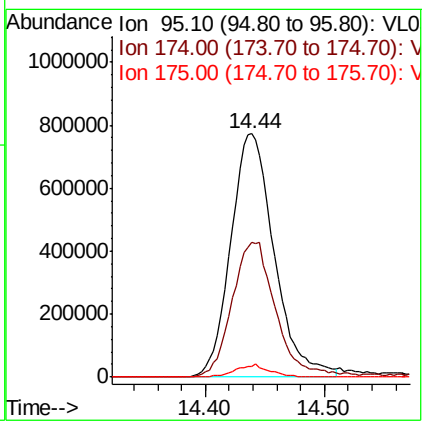


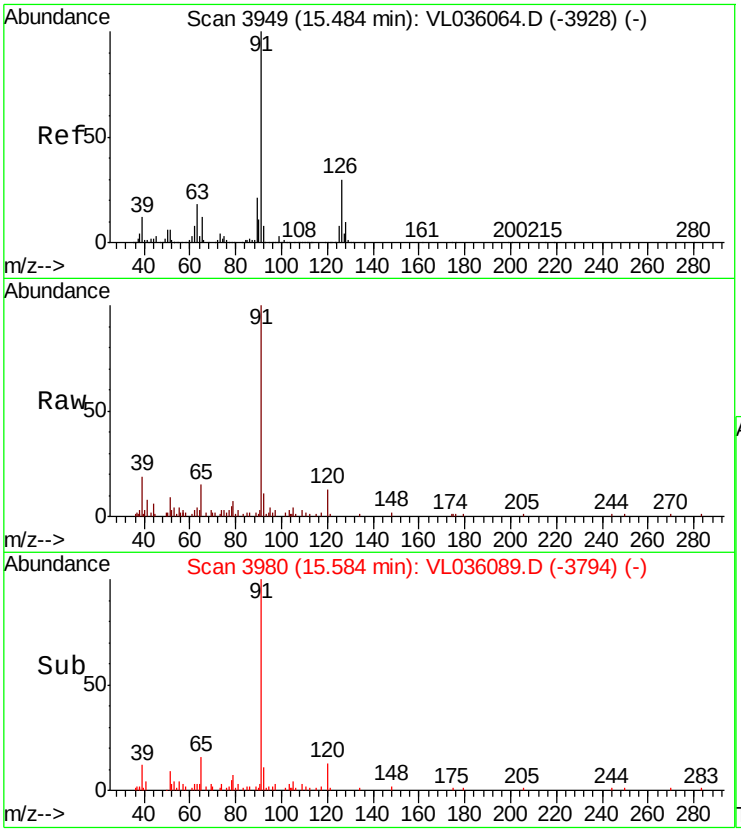




#68
1-Bromo-4-Fluorobenzene
Concen: 10.820 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion: 95 Resp: 1951536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 57.9 | 50.7 | 76.1 |
| 175 | 4.3 | 4.0 | 6.0 |



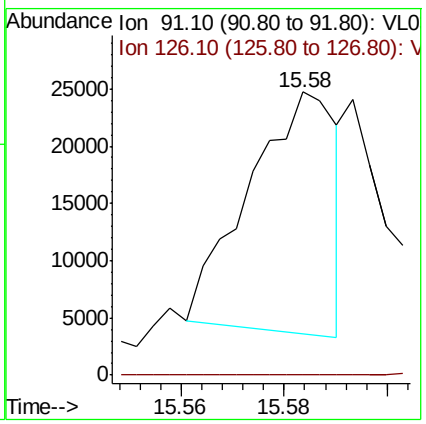


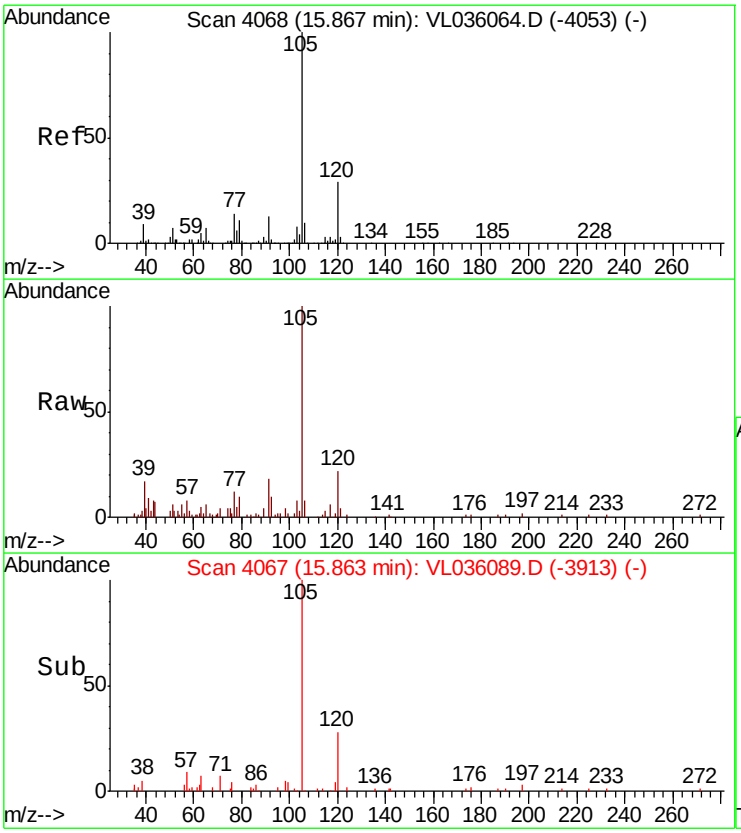

#71
2-Chlorotoluene
Concen: 0.089 ppbv
RT: 15.58 min Scan# 3980
Delta R.T. 0.10 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion: 91 Resp: 24711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.3 | 11.6 | 46.4# |

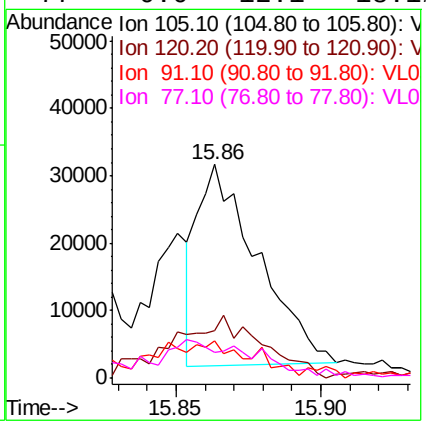


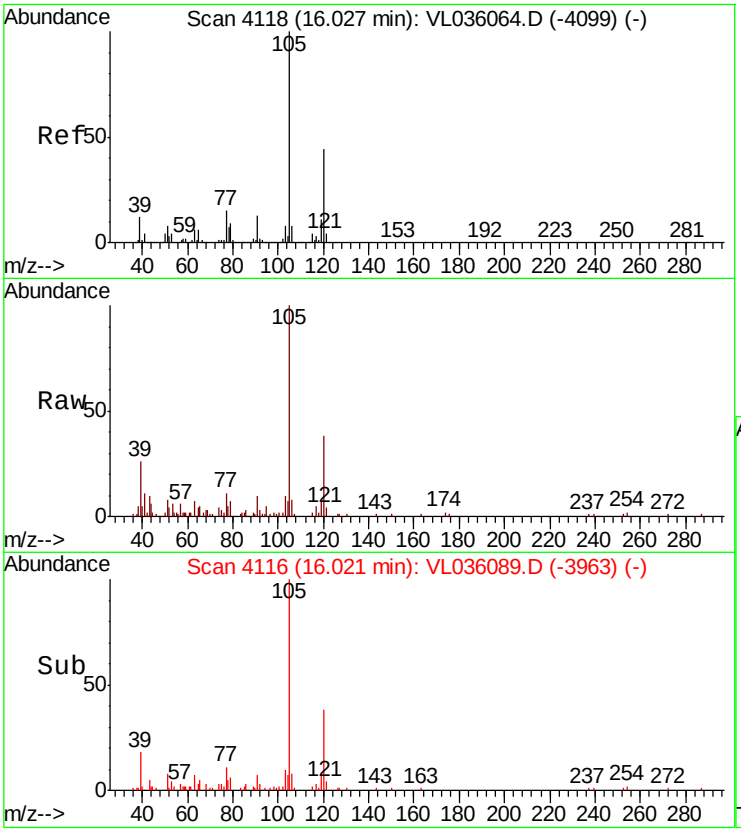




#72
4-Ethyltoluene
Concen: 0.160 ppbv
RT: 15.86 min Scan# 4067
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion:105 Resp: 42795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 42.4 | 23.6 | 35.4# |
| 91 | 24.9 | 11.4 | 17.0# |
| 77 | 0.0 | 12.1 | 18.1# |



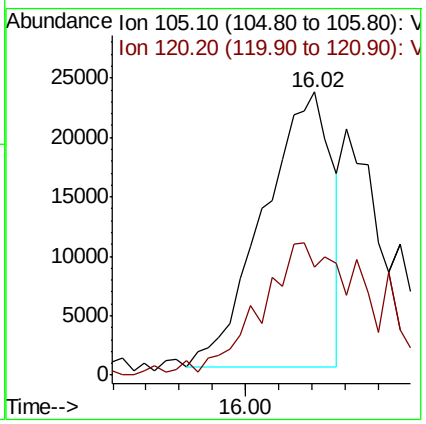


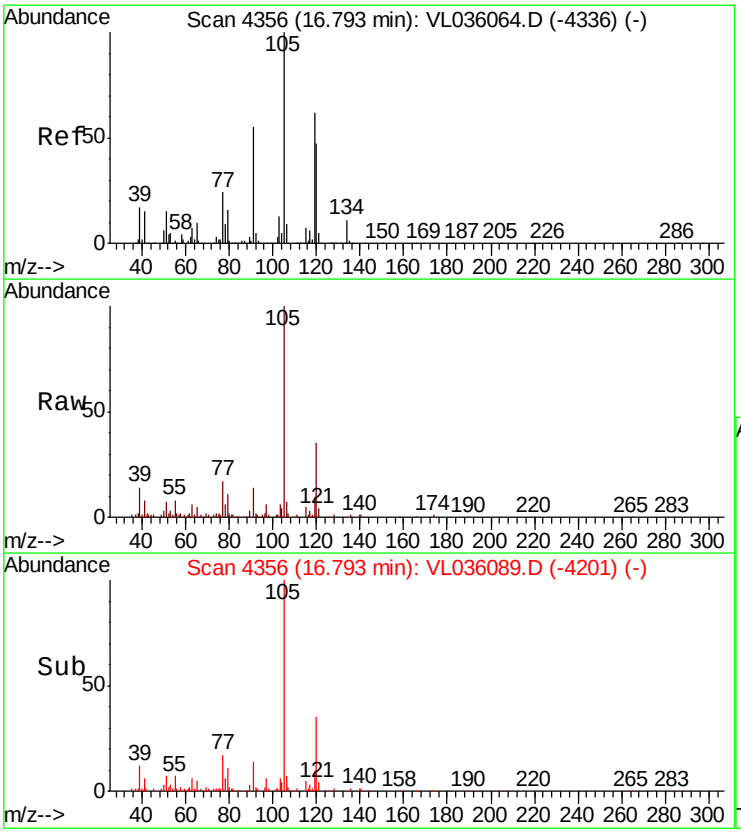

#73
1,3,5-Trimethylbenzene
Concen: 0.130 ppbv
RT: 16.02 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA-3B

Tgt Ion:105 Resp: 33179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 33.7 | 35.4 | 53.2# |

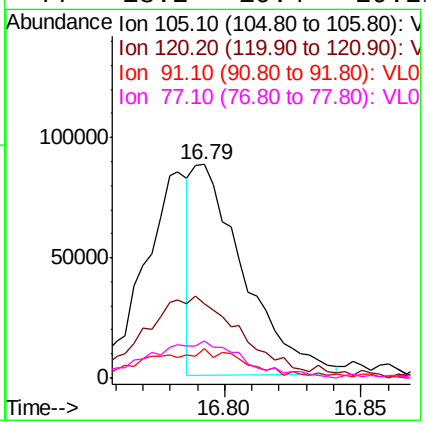


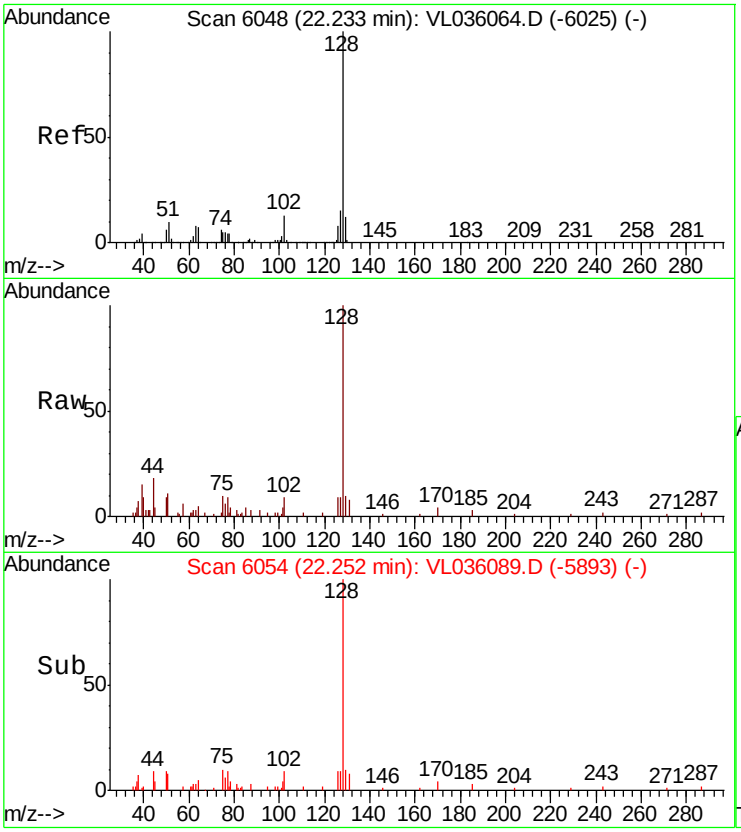




#74
1,2,4-Trimethylbenzene
Concen: 0.448 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.00 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion:105 Resp: 114929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 33.4 | 37.4 | 56.0# |
| 91 | 12.6 | 45.6 | 68.4# |
| 77 | 18.2 | 19.4 | 29.2# |



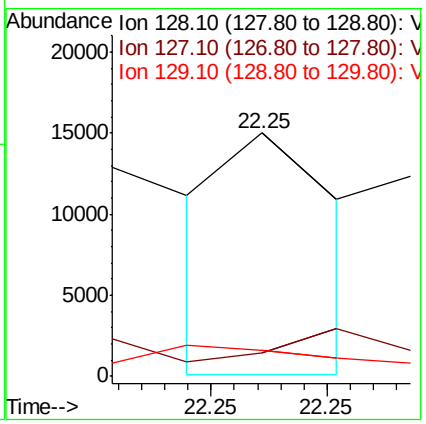


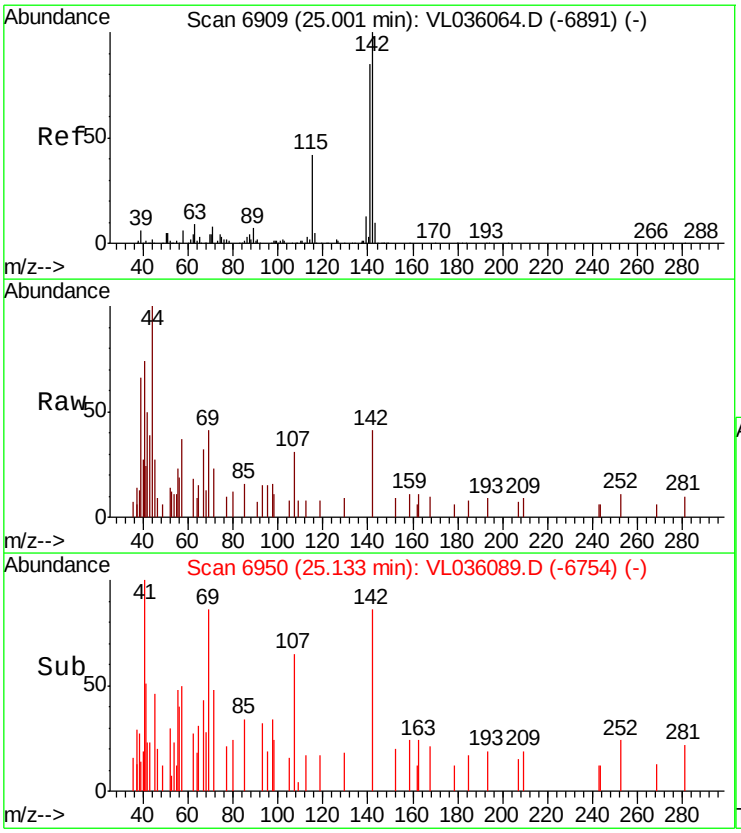

#79
Naphthalene
Concen: 0.038 ppbv
RT: 22.25 min Scan# 6054
Delta R.T. 0.02 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

**Instrument :** MSVOA_L
**ClientSampleId :** IA-3B

Tgt Ion:128 Resp: 4952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.9 | 11.7 | 17.5 |
| 129 | 11.5 | 9.3 | 13.9 |




#80
Naphthalene,2-methyl-
Concen: 0.034 ppbv
RT: 25.13 min Scan# 6950
Delta R.T. 0.13 min
Lab File: VL036089.D
Acq: 8 Dec 2020 7:02

Tgt Ion:142 Resp: 990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 64.9 | 64.3 | 96.5 |
| 115 | 47.2 | 33.9 | 50.9 |