Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032272.D
Acq On : 18 Jul 2018 22:29
Operator : SY/AP
Sample : J3454-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 19 02:00:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.84 | 49 | 1660448 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.37 | 114 | 3638465 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.33 | 117 | 4132703 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.67 | 95 | 3296333 | 9.84 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 98.40% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.13 | 85 | 171452 | 0.607 | ppbv | | 96 |
| 3) Chlorodifluoromethane | 3.04 | 51 | 1157566 | 6.212 | ppbv | # | 69 |
| 4) Chloromethane | 3.22 | 50 | 66709 | 0.608 | ppbv | | 98 |
| 8) Dichlorotetrafluoroethane | 3.27 | 85 | 5241 | 0.023 | ppbv | | 92 |
| 9) Propene | 3.10 | 41 | 51163 | 0.628 | ppbv | | 86 |
| 10) Heptane | 8.33 | 43 | 91632 | 0.354 | ppbv | | 99 |
| 11) Trichlorofluoromethane | 4.07 | 101 | 61174 | 0.277 | ppbv | | 97 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.61 | 101 | 6832 | 0.049 | ppbv | # | 44 |
| 13) Ethanol | 3.71 | 45 | 1530249 | 65.764 | ppbv | | 99 |
| 15) Acetone | 3.96 | 43 | 2396109 | 13.788 | ppbv | | 97 |
| 16) 1,3-Butadiene | 3.40 | 39 | 13761 | 0.155 | ppbv | # | 36 |
| 17) tert-Butyl alcohol | 4.44 | 59 | 14523 | 0.265 | ppbv | # | 79 |
| 19) Isopropyl Alcohol | 4.09 | 45 | 335950 | 2.858 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.47 | 84 | 340575 | 5.090 | ppbv | | 98 |
| 21) Allyl Chloride | 4.50 | 41 | 2436 | 0.021 | ppbv | # | 24 |
| 23) Vinyl Acetate | 5.22 | 43 | 164633 | 0.528 | ppbv | # | 76 |
| 25) Ethyl Acetate | 5.86 | 43 | 1945174 | 5.139 | ppbv | # | 78 |
| 26) Hexane | 5.86 | 57 | 2639193 | 15.181 | ppbv | # | 44 |
| 27) Carbon Disulfide | 4.69 | 76 | 3904 | 0.025 | ppbv | # | 1 |
| 29) Chloroform | 5.93 | 83 | 12627 | 0.049 | ppbv | # | 62 |
| 30) Cyclohexane | 7.33 | 84 | 8414 | 0.058 | ppbv | # | 1 |
| 34) 2-Butanone | 5.40 | 43 | 231725 | 0.928 | ppbv | | 100 |
| 35) Carbon Tetrachloride | 7.22 | 117 | 14334 | 0.057 | ppbv | # | 58 |
| 36) Benzene | 7.08 | 78 | 59860 | 0.167 | ppbv | # | 91 |
| 39) 1,2-Dichloropropane | 7.37 | 63 | 1031129 | 7.272 | ppbv | # | 26 |
| 41) Tetrahydrofuran | 6.20 | 42 | 35642 | 0.245 | ppbv | # | 56 |
| 43) Methyl Methacrylate | 8.22 | 69 | 5965 | 0.041 | ppbv | # | 1 |
| 44) 2,2,4-Trimethylpentane | 8.08 | 57 | 104761 | 0.168 | ppbv | # | 70 |
| 53) Toluene | 10.03 | 91 | 202298 | 0.466 | ppbv | # | 39 |
| 58) Ethyl Benzene | 12.95 | 91 | 163454 | 0.281 | ppbv | | 97 |
| 59) m/p-Xylene | 13.21 | 91 | 709968 | 1.429 | ppbv | | 100 |
| 60) o-Xylene | 13.94 | 91 | 292467 | 0.591 | ppbv | | 98 |
| 61) Styrene | 13.78 | 104 | 76188 | 0.207 | ppbv | | 99 |
| 62) Isopropylbenzene | 14.92 | 105 | 16315 | 0.023 | ppbv | | 93 |
| 64) n-propylbenzene | 15.82 | 120 | 4252 | 0.023 | ppbv | # | 1 |
| 72) 4-Ethyltoluene | 16.09 | 105 | 33123 | 0.058 | ppbv | # | 74 |
| 73) 1,3,5-Trimethylbenzene | 16.25 | 105 | 35955 | 0.064 | ppbv | | 100 |
| 74) 1,2,4-Trimethylbenzene | 17.02 | 105 | 62599 | 0.107 | ppbv | # | 68 |

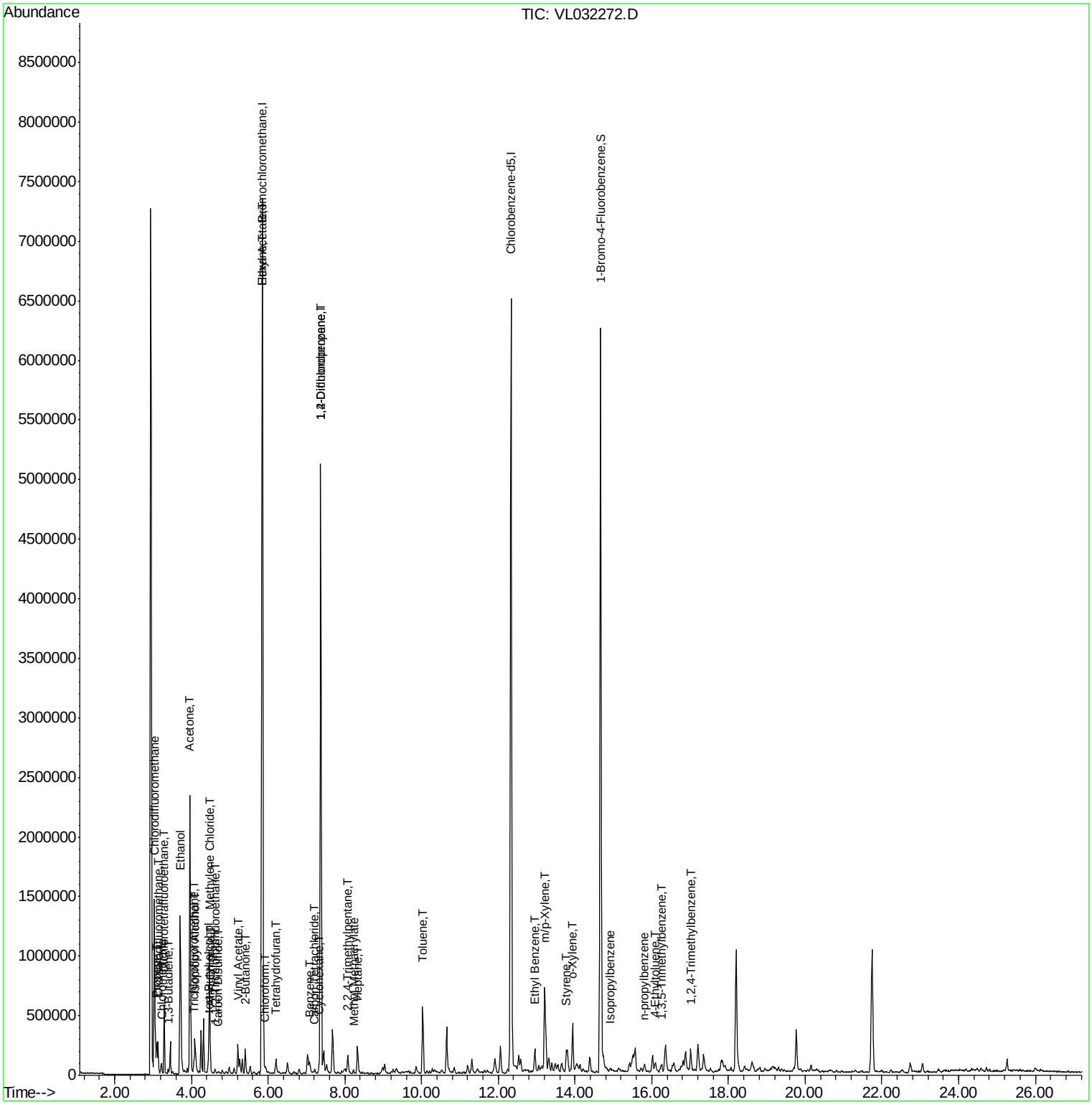
(#) = qualifier out of range (m) = manual integration (+) = signals summed

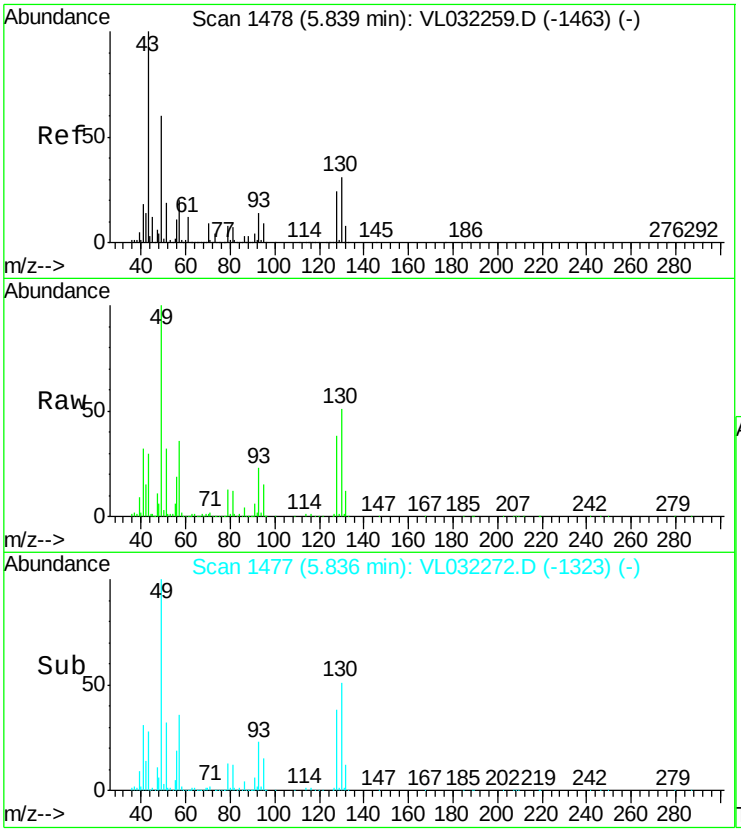
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032272.D
Acq On : 18 Jul 2018 22:29
Operator : SY/AP
Sample : J3454-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 19 02:00:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration



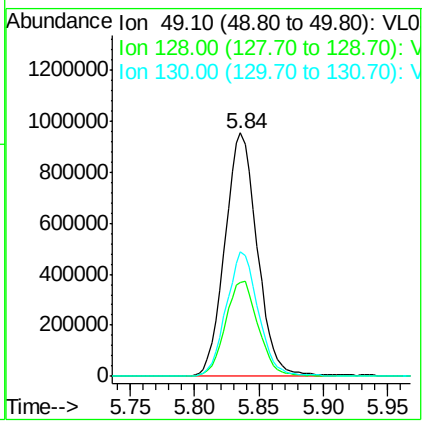


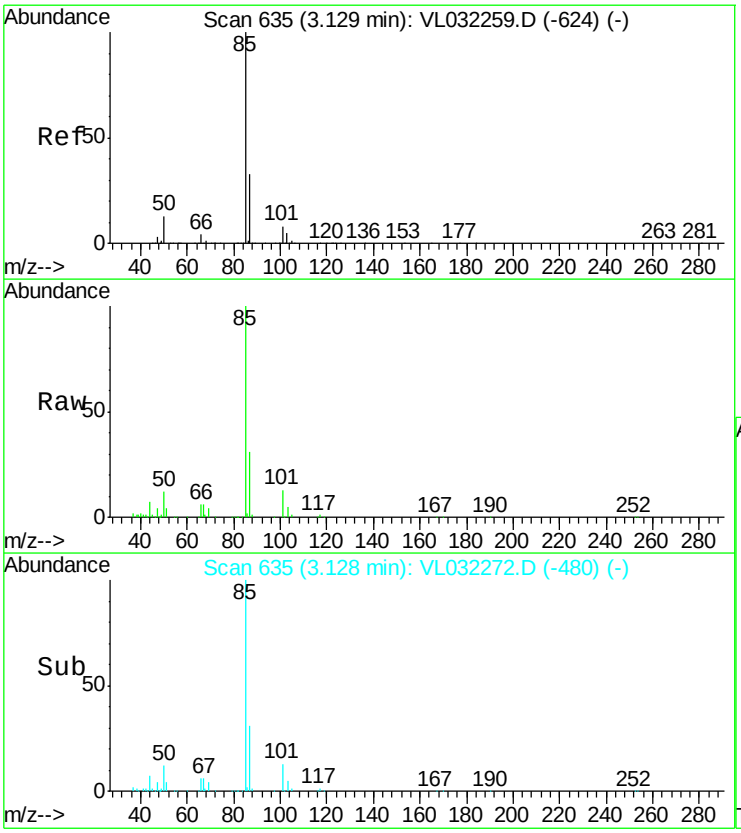

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 49 Resp: 1660448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 39.9 | 20.1 | 60.2 |
| 130 | 51.1 | 25.9 | 77.6 |

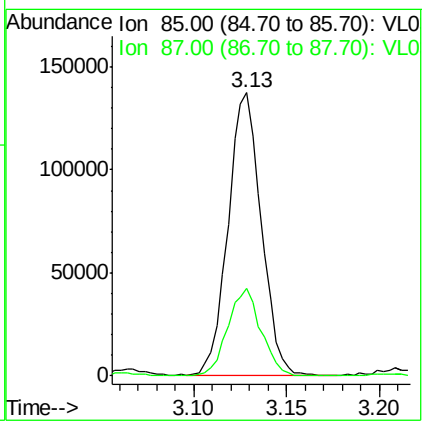


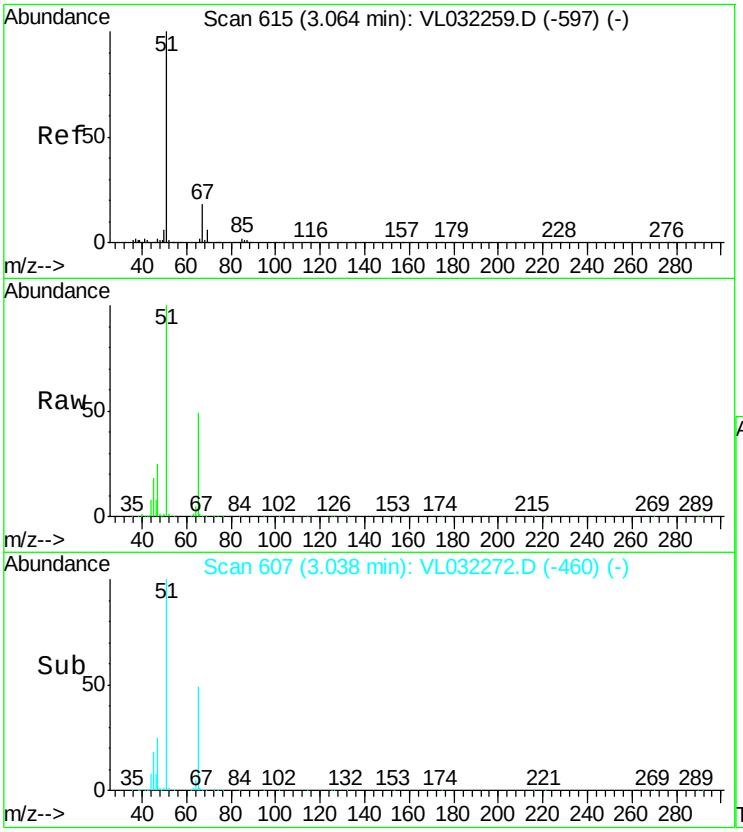




#2
Dichlorodifluoromethane
Concen: 0.607 ppbv
RT: 3.13 min Scan# 635
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 85 Resp: 171452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.7 | 26.2 | 39.2 |



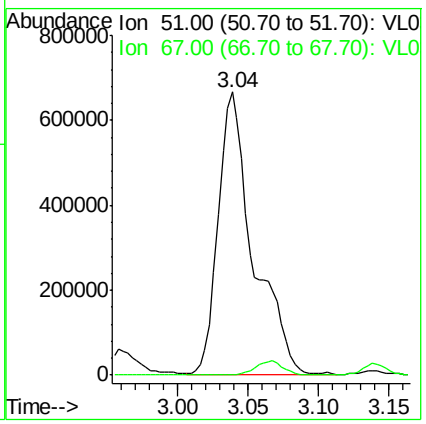


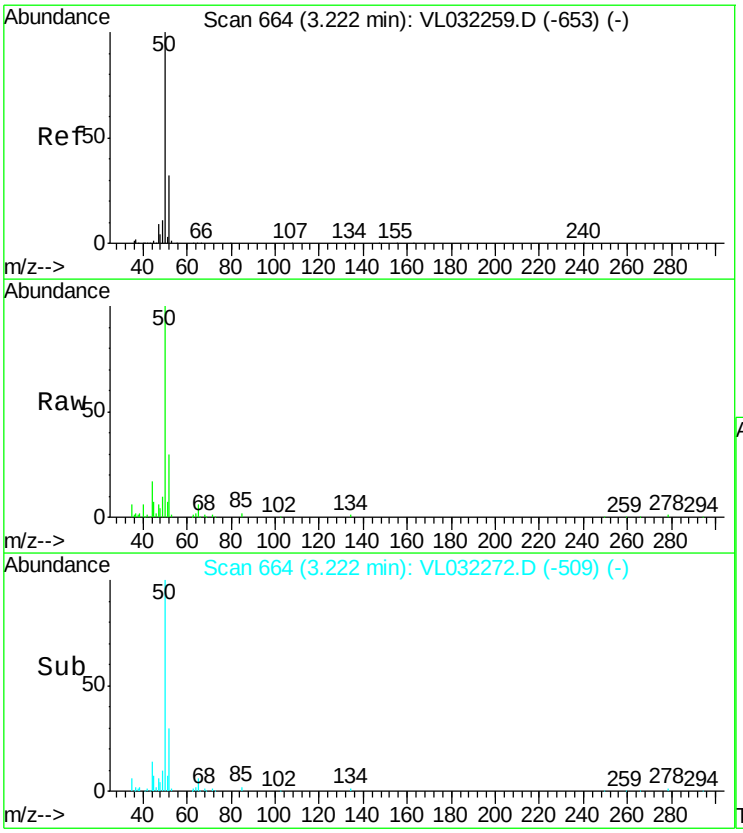

#3
Chlorodifluoromethane
Concen: 6.212 ppbv
RT: 3.04 min Scan# 607
Delta R.T. -0.03 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 51 Resp: 1157566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 4.0 | 14.2 | 21.4# |

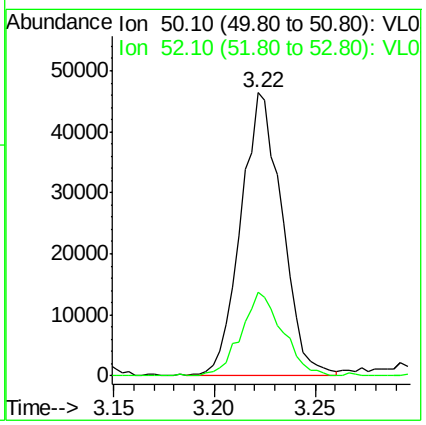


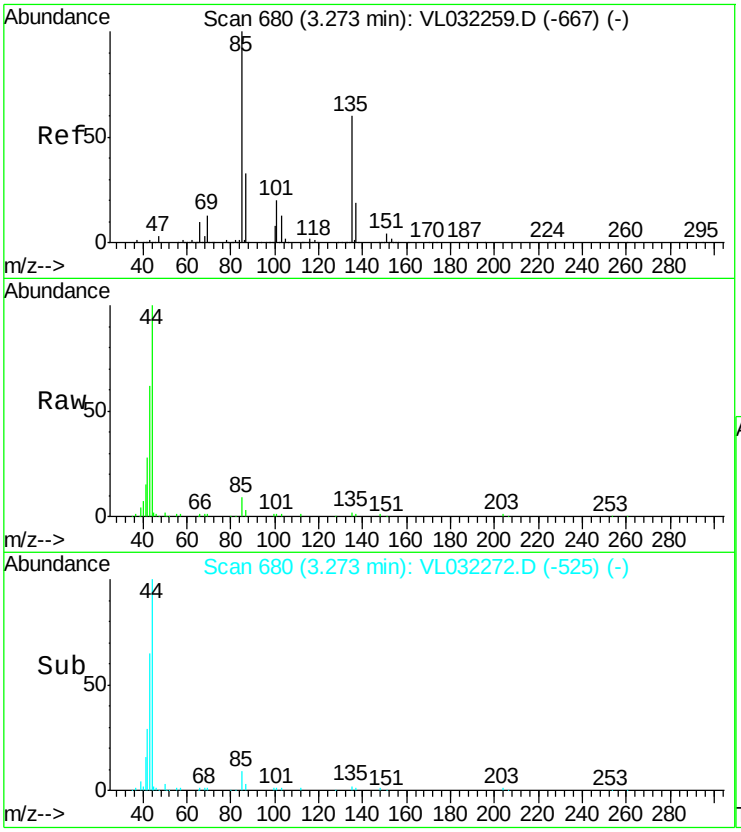




#4
Chloromethane
Concen: 0.608 ppbv
RT: 3.22 min Scan# 664
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 50 Resp: 66709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.2 | 25.3 | 37.9 |



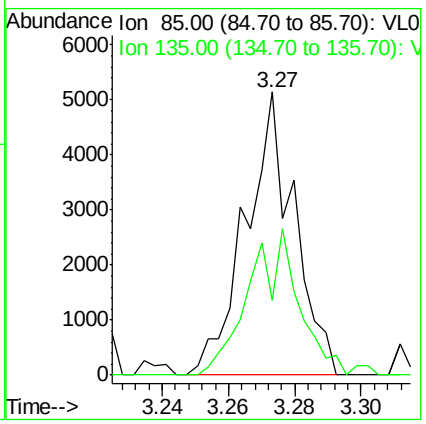


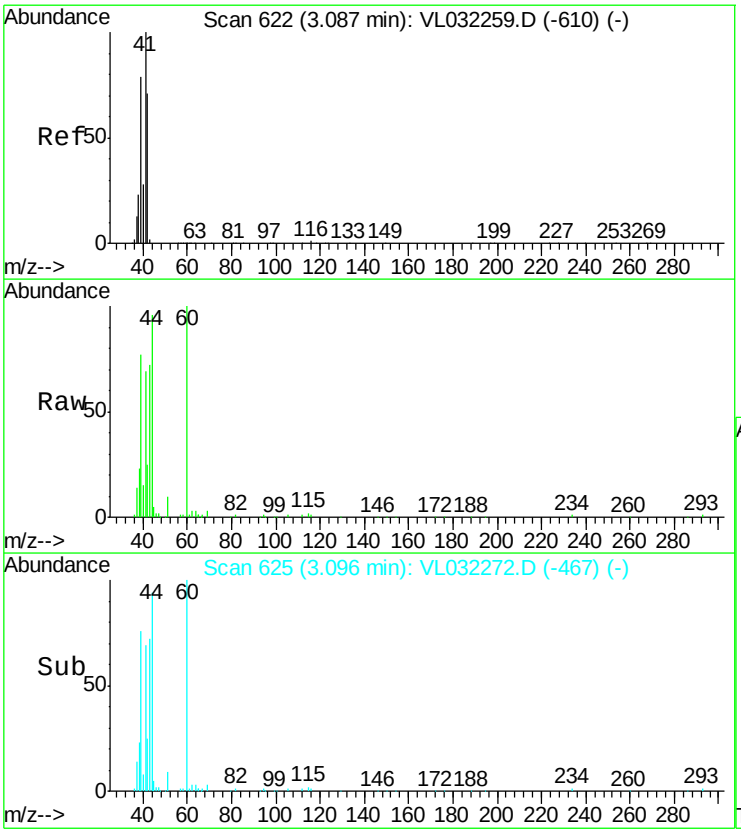

#8
Dichlorotetrafluoroethane
Concen: 0.023 ppbv
RT: 3.27 min Scan# 680
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 85 Resp: 5241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 53.7 | 47.8 | 71.8 |

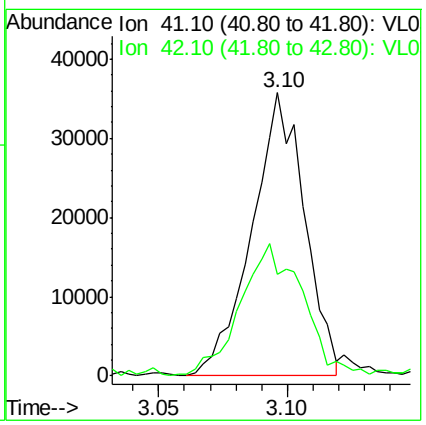


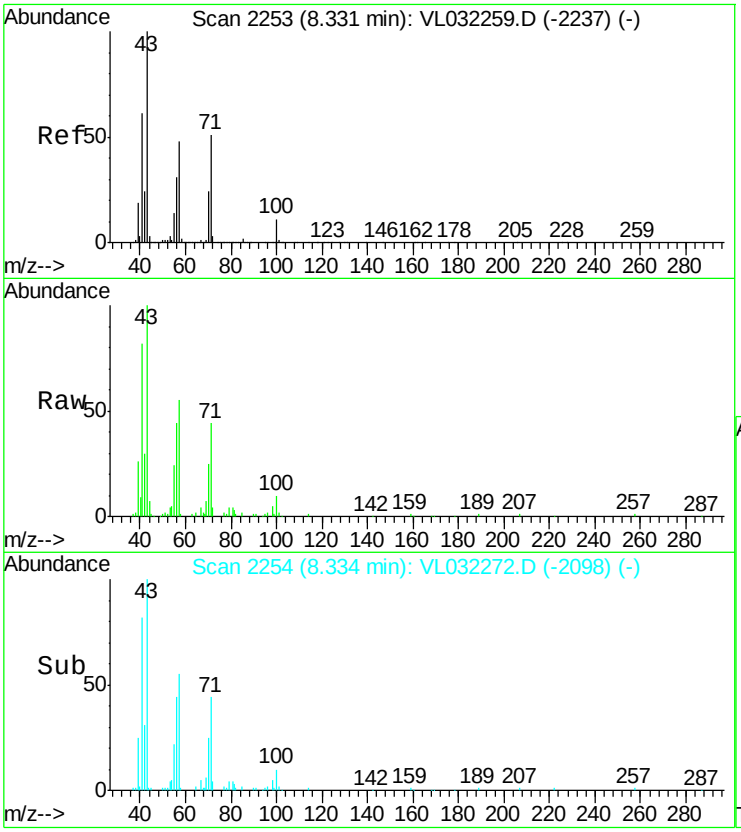




#9
Propene
Concen: 0.628 ppbv
RT: 3.10 min Scan# 625
Delta R.T. 0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 41 Resp: 51163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 58.9 | 56.2 | 84.4 |



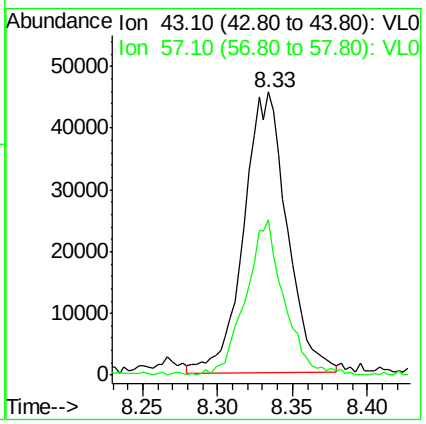


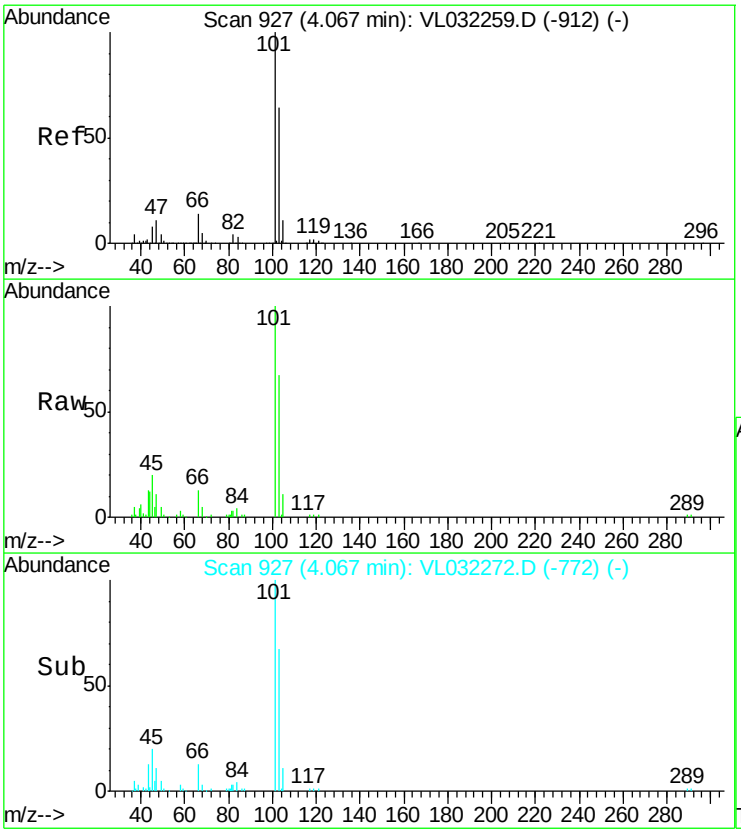

#10
Heptane
Concen: 0.354 ppbv
RT: 8.33 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 43 Resp: 91632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 49.3 | 39.9 | 59.9 |

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

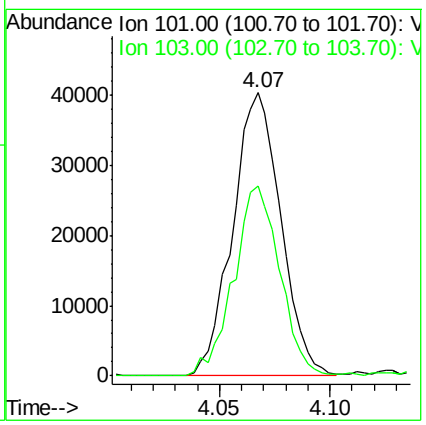


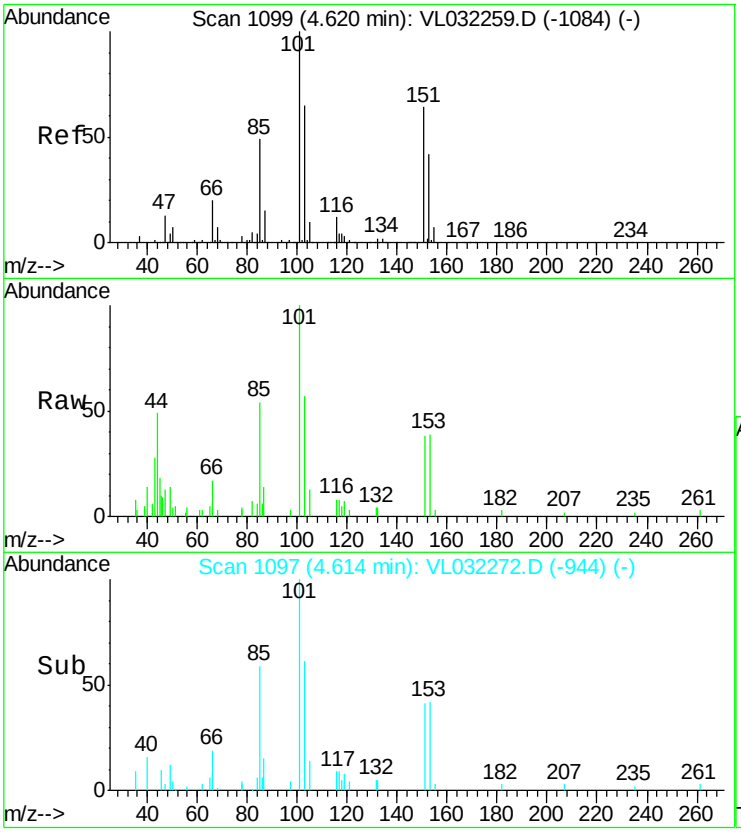




#11
Trichlorofluoromethane
Concen: 0.277 ppbv
RT: 4.07 min Scan# 927
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion:101 Resp: 61174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.0 | 51.5 | 77.3 |



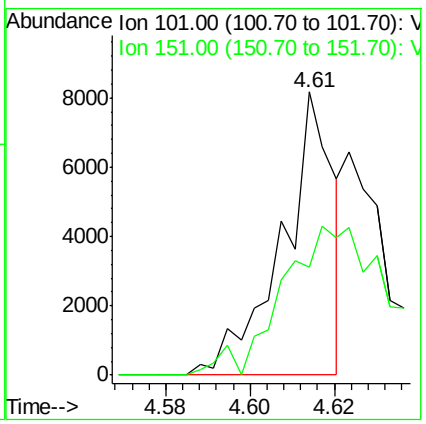


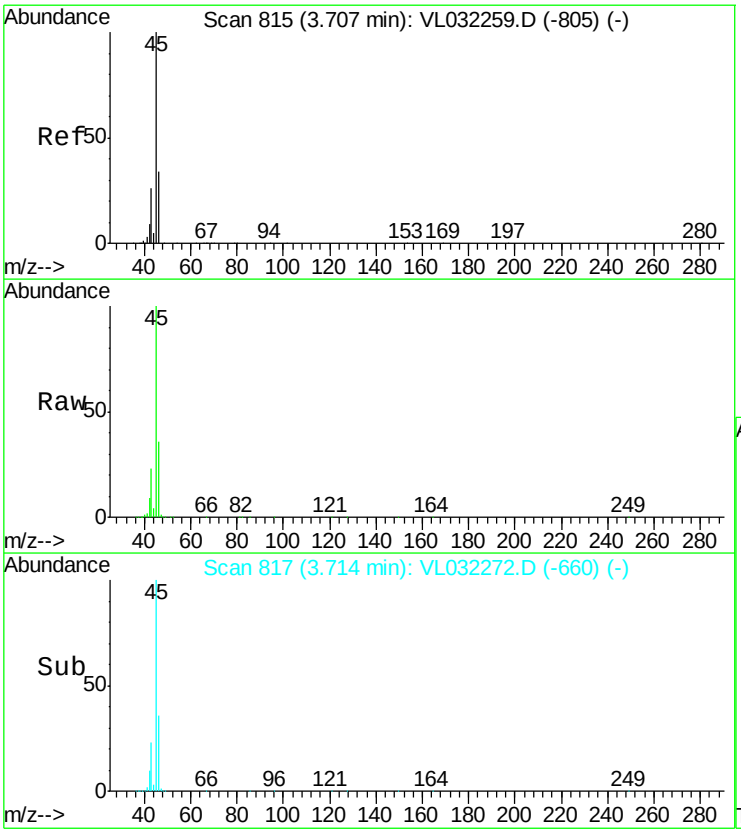

#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.049 ppbv
RT: 4.61 min Scan# 1097
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion:101 Resp: 6832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 107.6 | 51.3 | 76.9# |

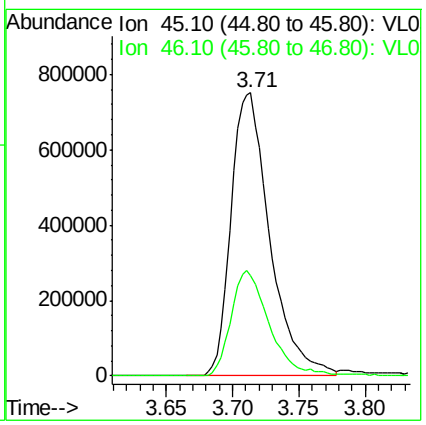


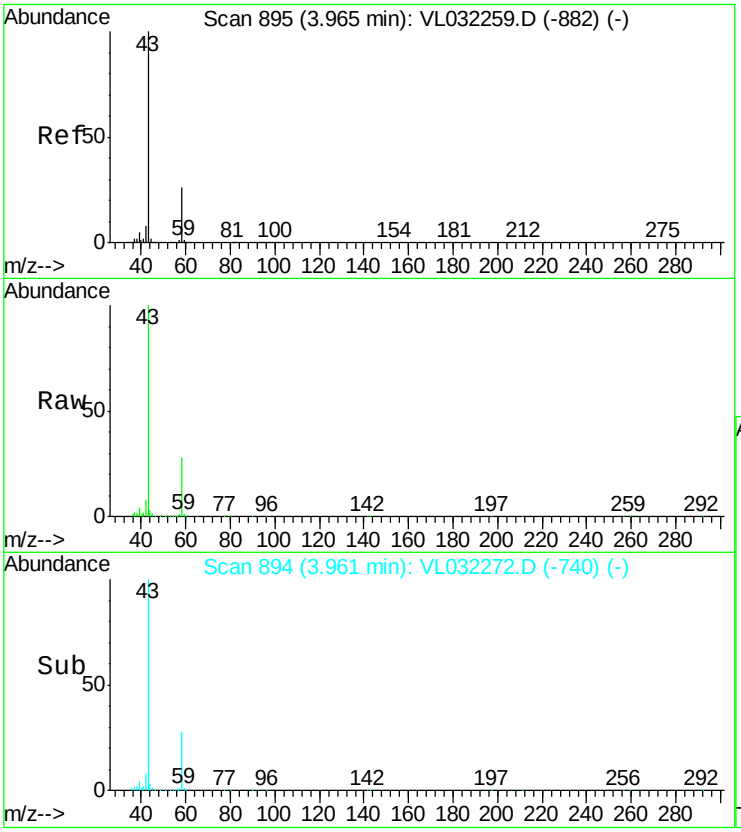




#13
Ethanol
Concen: 65.764 ppbv
RT: 3.71 min Scan# 817
Delta R.T. 0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 45 Resp: 1530249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.5 | 15.2 | 60.8 |



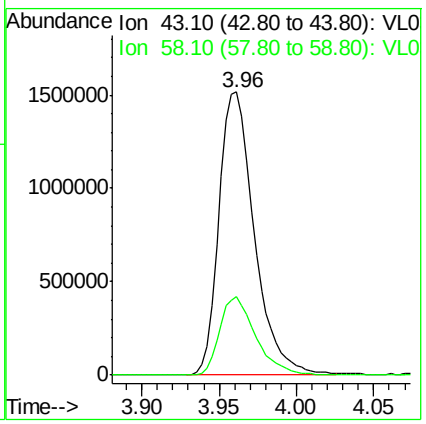


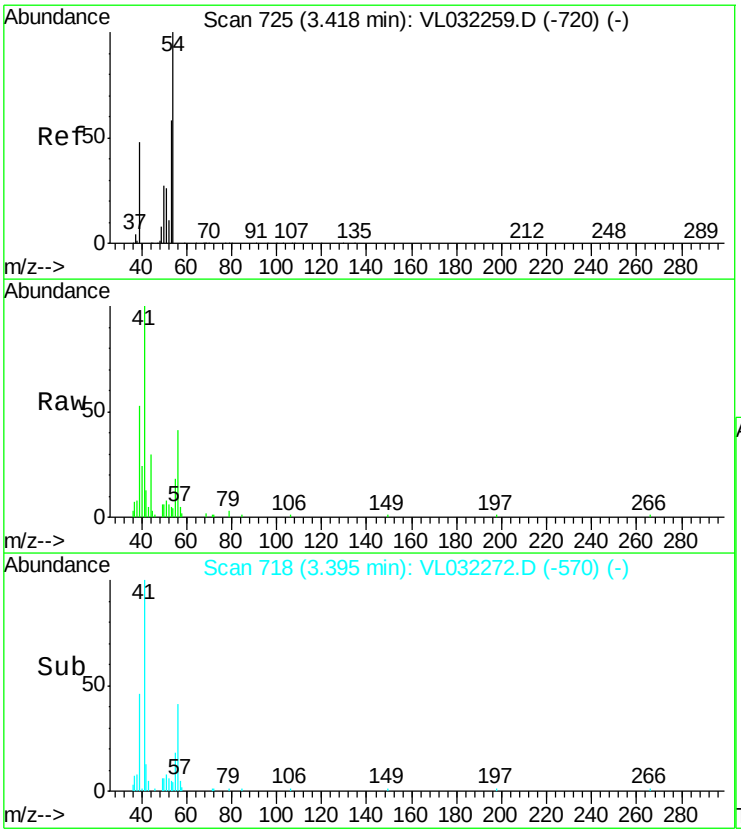

#15
Acetone
Concen:  13.788 ppbv
RT: 3.96 min  Scan# 894
Delta R.T.  -0.00 min
Lab File:  VL032272.D
Acq: 18 Jul 2018  22:29

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

Tgt Ion: 43 Resp: 2396109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.6 | 21.8 | 32.6 |

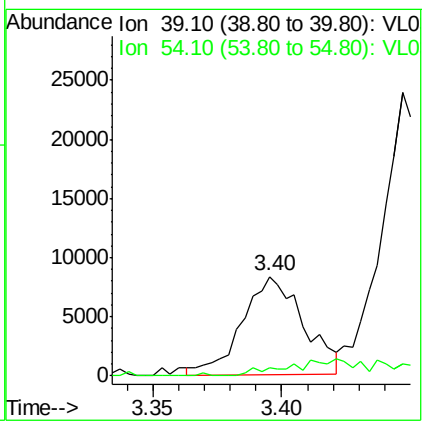


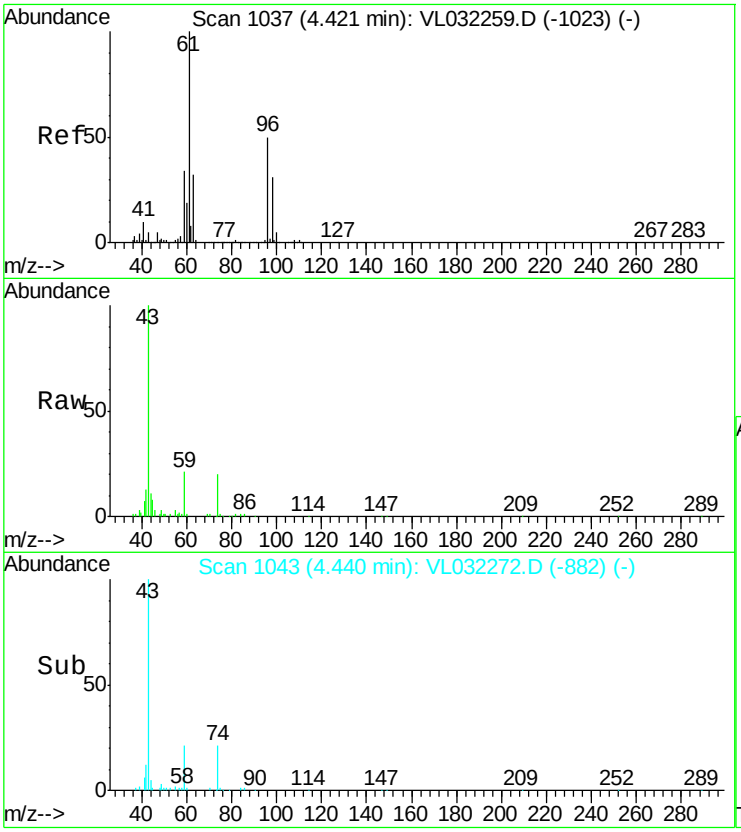




#16
1,3-Butadiene
Concen:  0.155 ppbv
RT: 3.40 min  Scan# 718
Delta R.T.  -0.02 min
Lab File:  VL032272.D
Acq: 18 Jul 2018  22:29

Tgt Ion: 39 Resp:  13761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 28.4 | 70.6 | 105.8# |



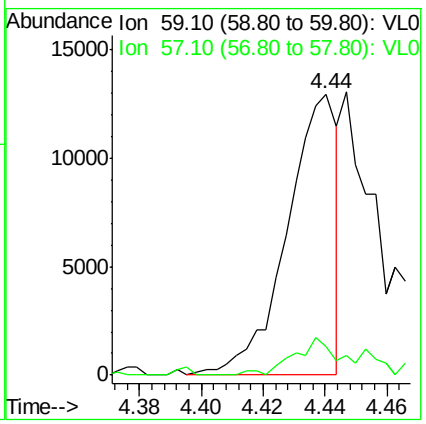


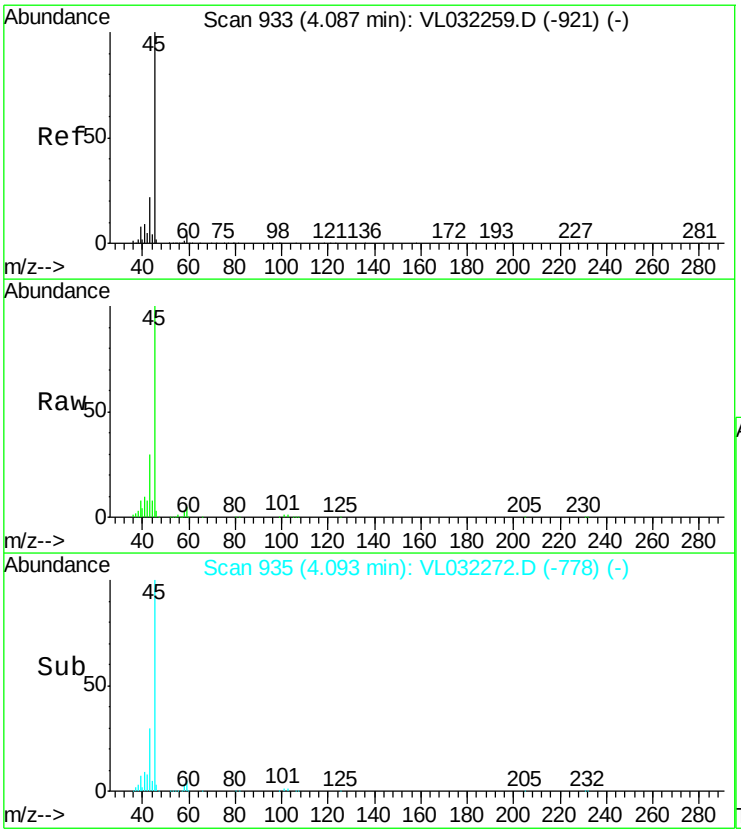

#17
tert-Butyl alcohol
Concen: 0.265 ppbv
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 59 Resp: 14523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 18.3 | 8.2 | 12.4# |

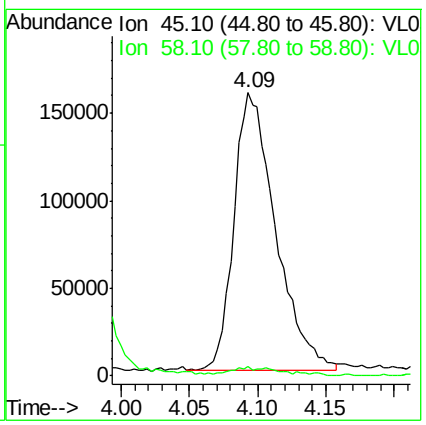


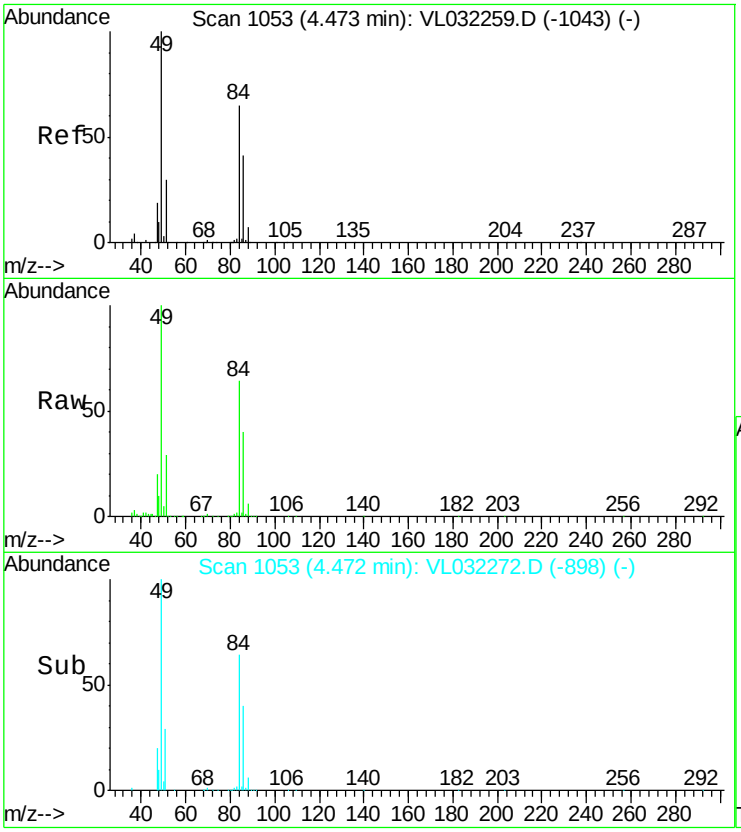




#19
Isopropyl Alcohol
Concen: 2.858 ppbv
RT: 4.09 min Scan# 935
Delta R.T. 0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 45 Resp: 335950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 204.3 | 1.5 | 2.3# |



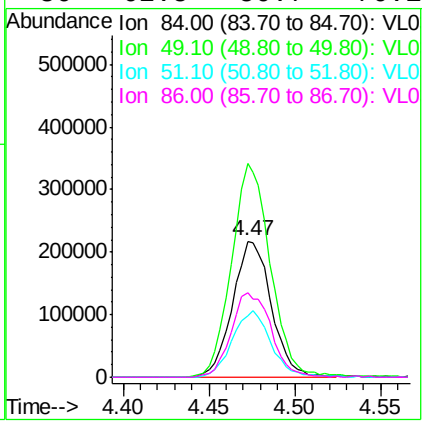


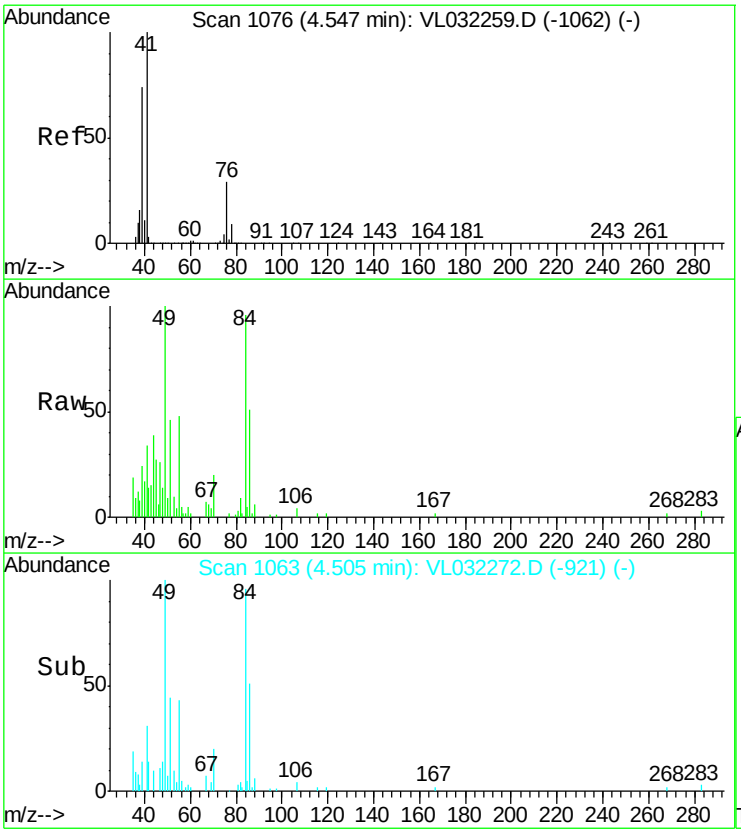

#20
Methylene Chloride
Concen: 5.090 ppbv
RT: 4.47 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 84 Resp: 340575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 156.9 | 122.4 | 183.6 |
| 51 | 45.5 | 36.8 | 55.2 |
| 86 | 62.5 | 50.7 | 76.1 |

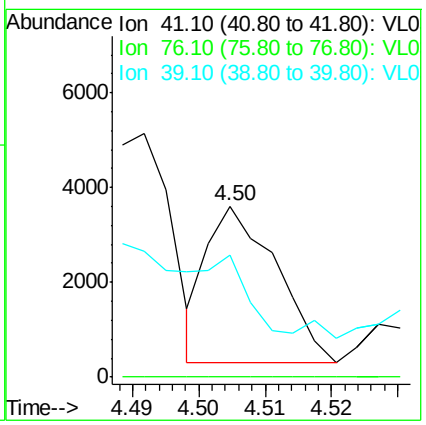


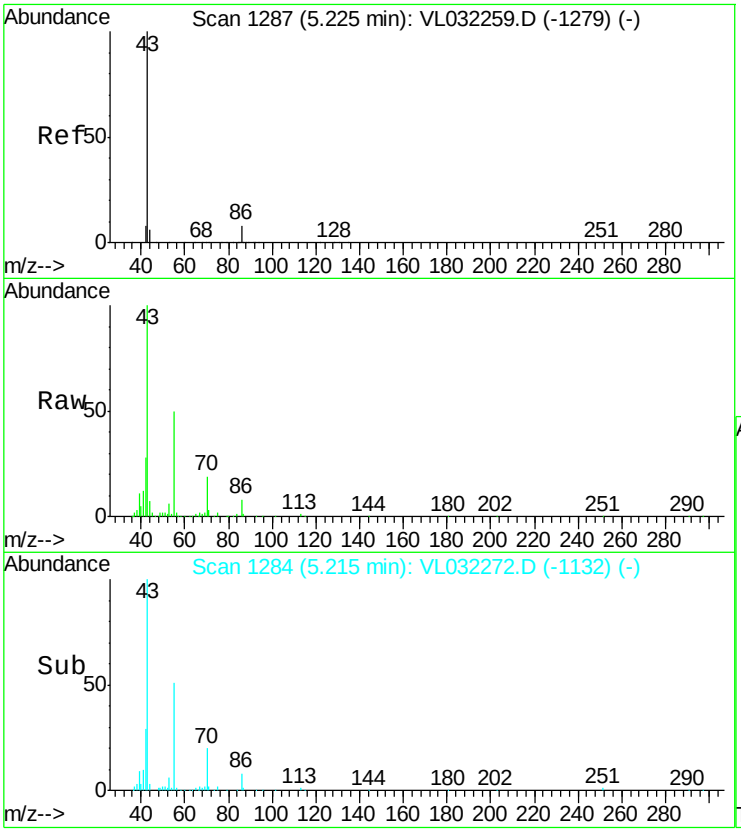




#21
Allyl Chloride
Concen: 0.021 ppbv
RT: 4.50 min Scan# 1063
Delta R.T. -0.04 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 41 Resp: 2436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 4.5 | 23.0 | 34.6# |
| 39 | 0.0 | 60.2 | 90.4# |



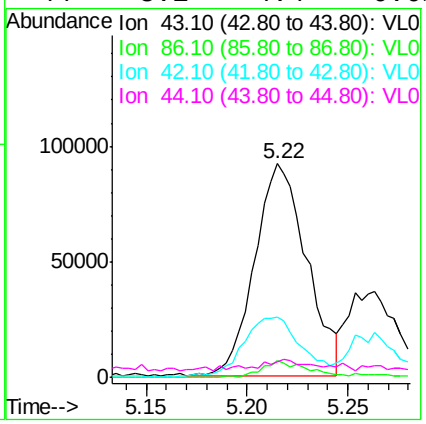


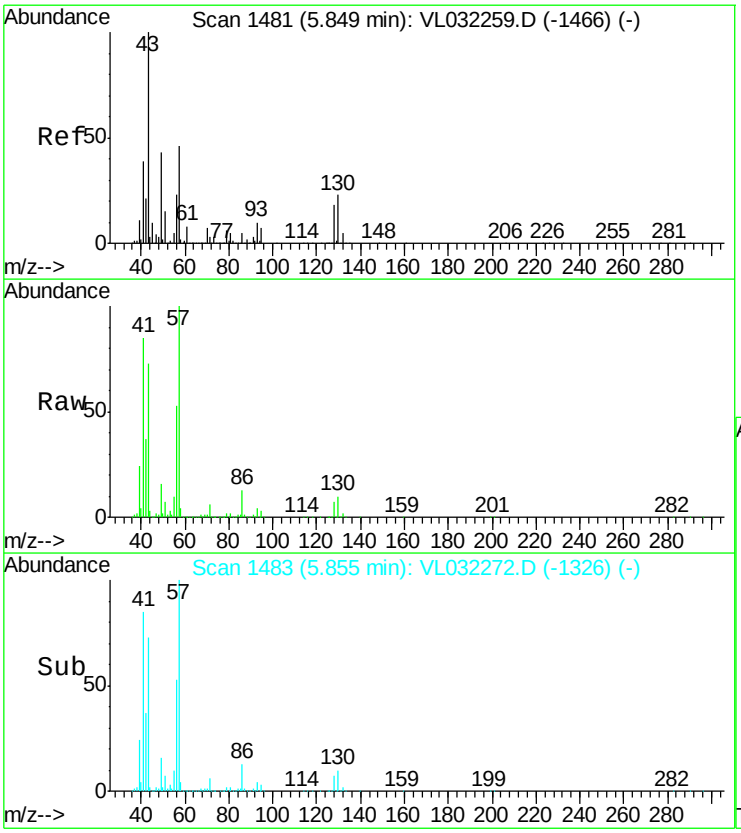

#23
Vinyl Acetate
Concen: 0.528 ppbv
RT: 5.22 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 43 Resp: 164633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.6 | 5.9 | 8.9 |
| 42 | 28.2 | 7.3 | 10.9# |
| 44 | 3.1 | 4.4 | 6.6# |

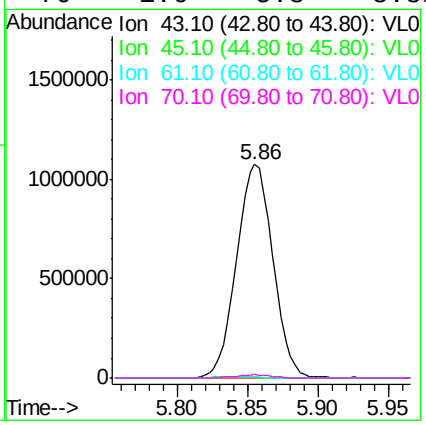


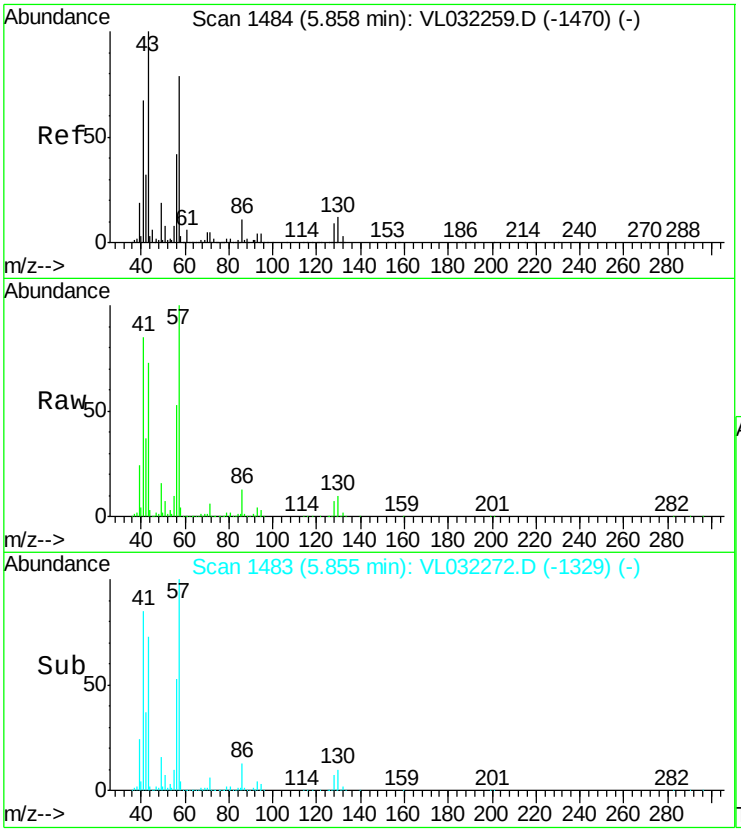




#25
Ethyl Acetate
Concen: 5.139 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. 0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 43 Resp: 1945174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 0.9 | 7.9 | 11.9# |
| 61 | 0.7 | 7.6 | 11.4# |
| 70 | 1.6 | 5.8 | 8.8# |



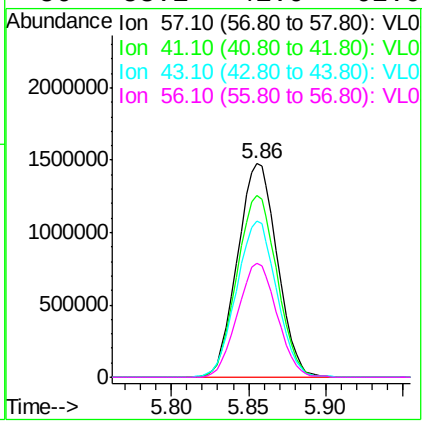


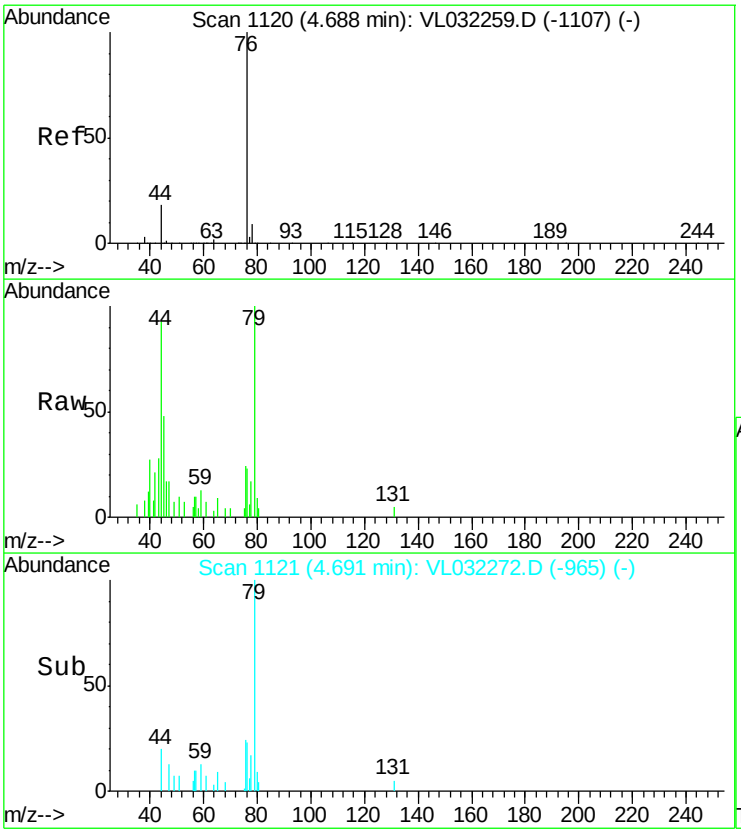

#26
Hexane
Concen: 15.181 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 57 Resp: 2639193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 85.9 | 67.9 | 101.9 |
| 43 | 73.9 | 175.9 | 263.9# |
| 56 | 53.1 | 41.9 | 62.9 |

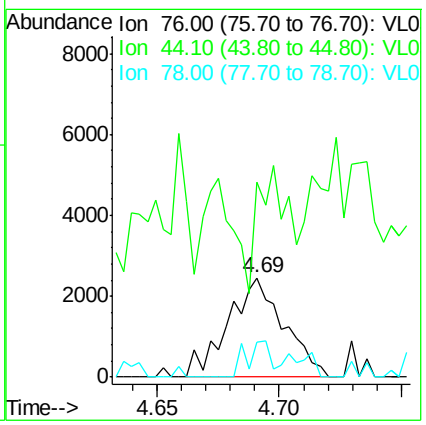


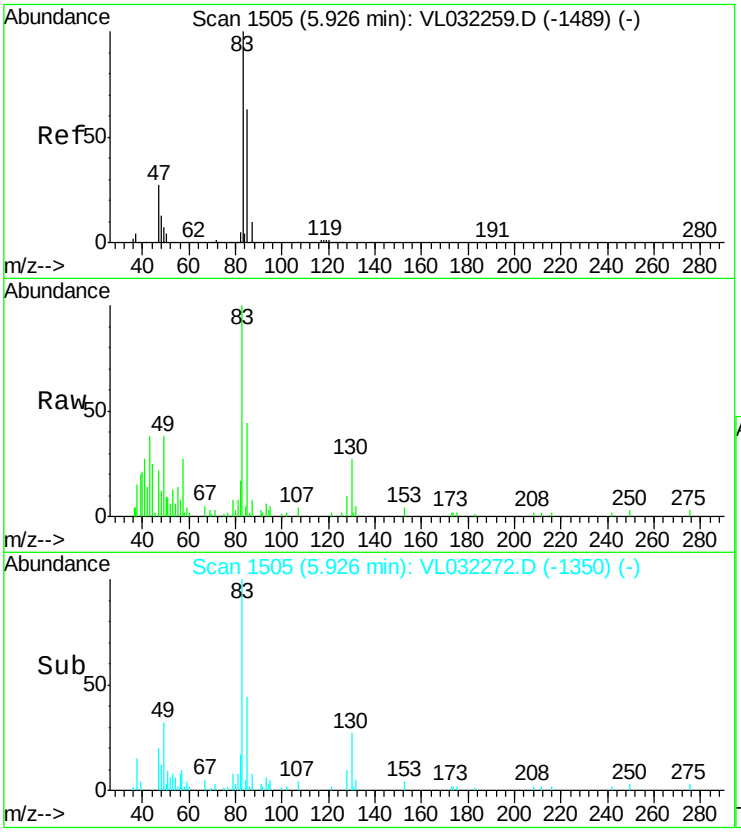




#27
Carbon Disulfide
Concen: 0.025 ppbv
RT: 4.69 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 76 Resp: 3904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 154.4 | 14.3 | 21.5# |
| 78 | 25.8 | 7.4 | 11.0# |



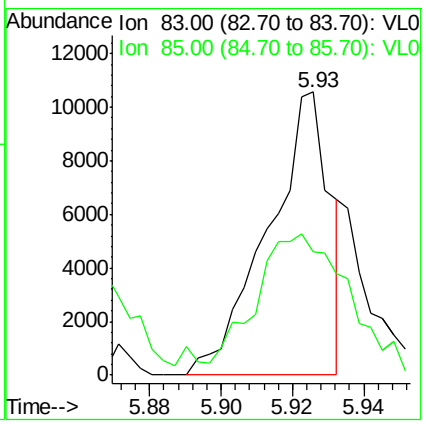


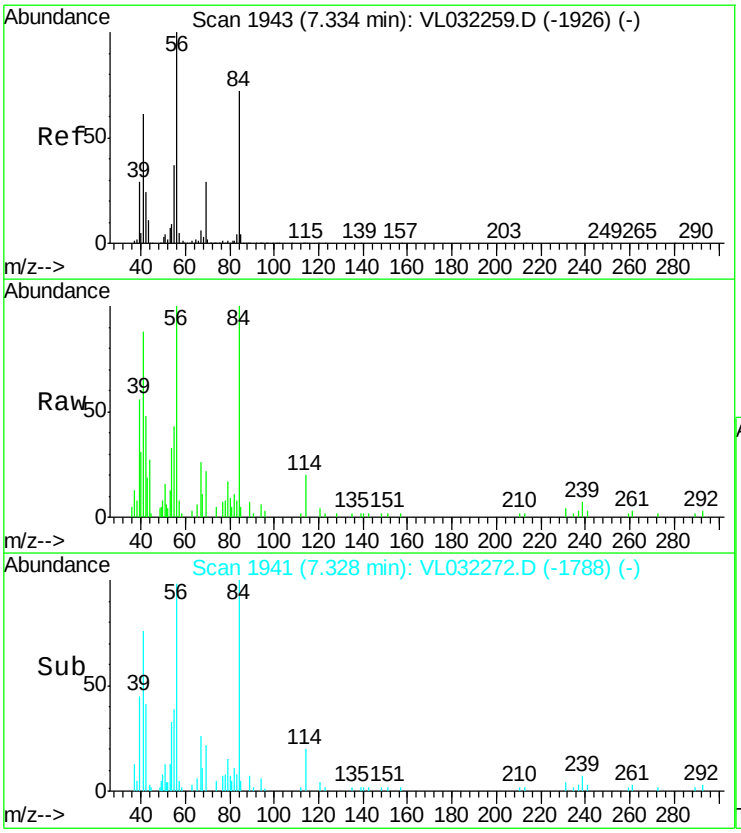

#29
Chloroform
Concen: 0.049 ppbv
RT: 5.93 min Scan# 1505
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 83 Resp: 12627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 33.7 | 50.7 | 76.1# |

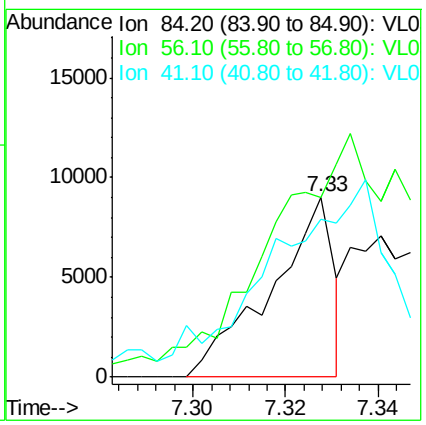


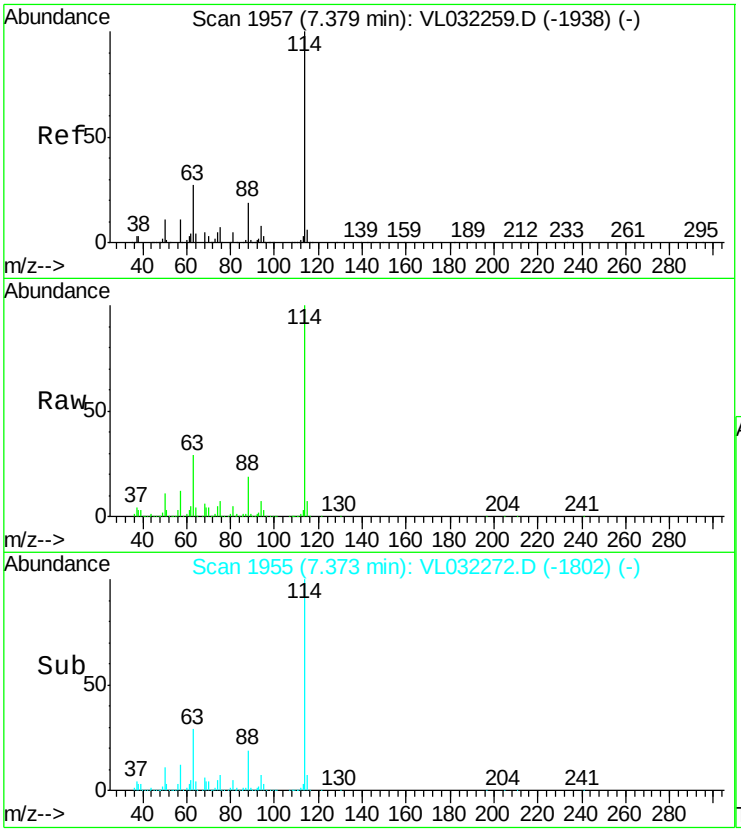




#30
Cyclohexane
Concen: 0.058 ppbv
RT: 7.33 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 84 Resp: 8414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 0.0 | 115.6 | 173.4# |
| 41 | 0.0 | 68.7 | 103.1# |



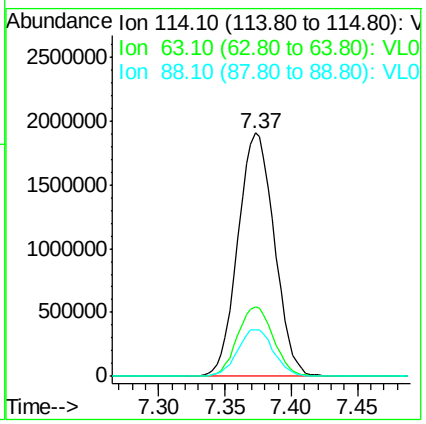


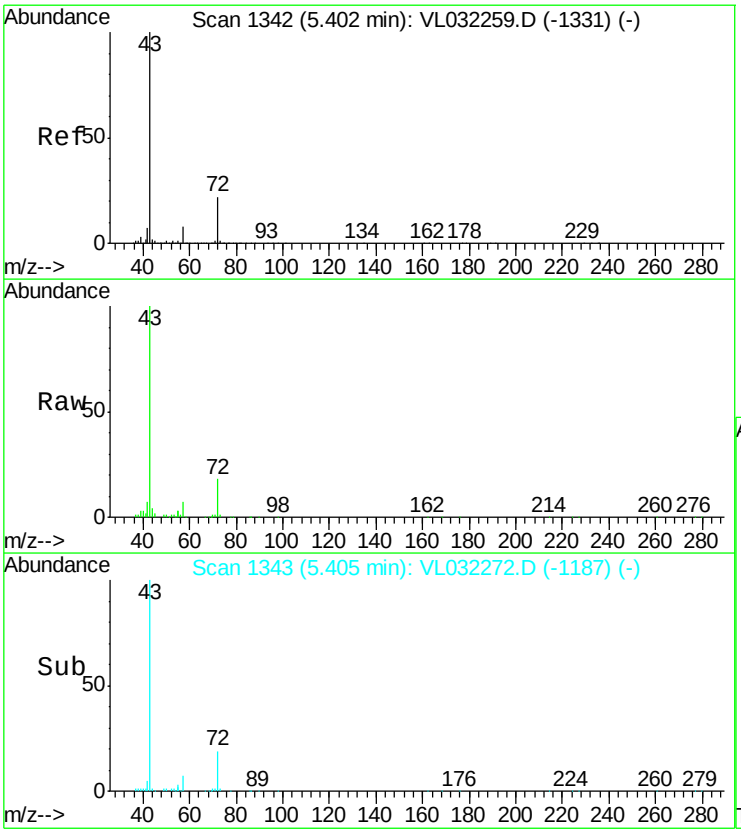

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion:114 Resp: 3638465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 28.5 | 22.6 | 33.8 |
| 88 | 19.0 | 15.2 | 22.8 |

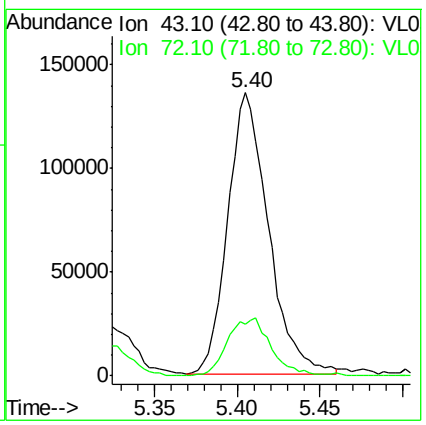


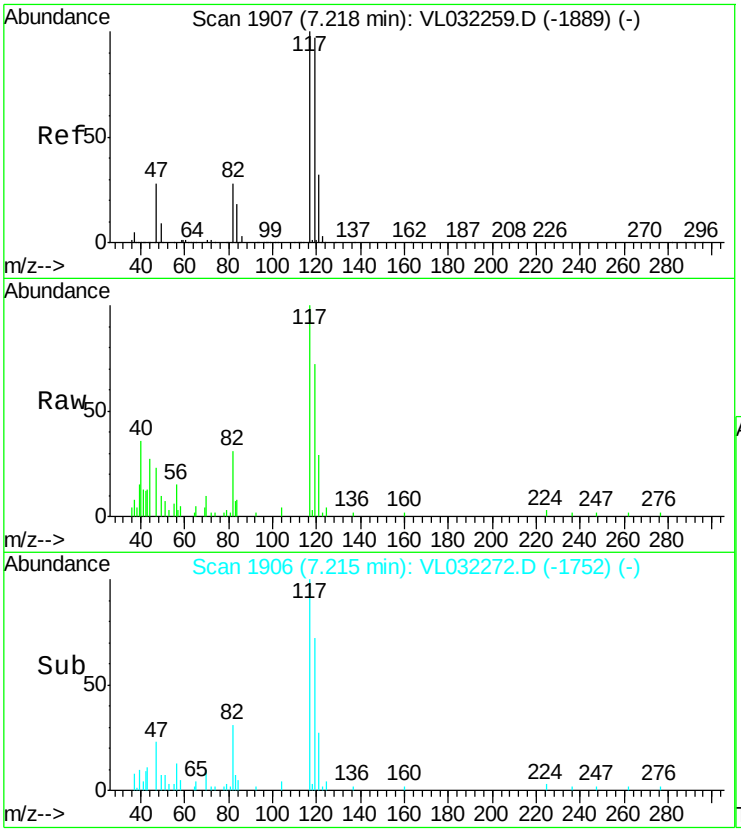




#34
2-Butanone
Concen: 0.928 ppbv
RT: 5.40 min Scan# 1343
Delta R.T. 0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 43 Resp: 231725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.2 | 17.7 | 26.5 |



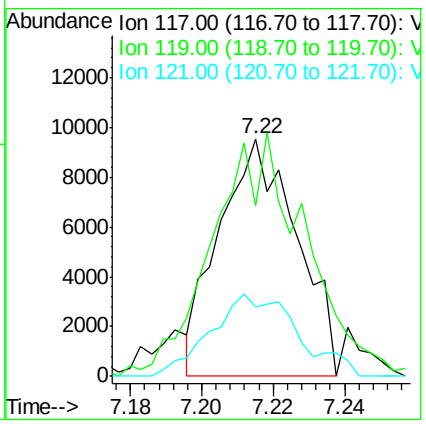


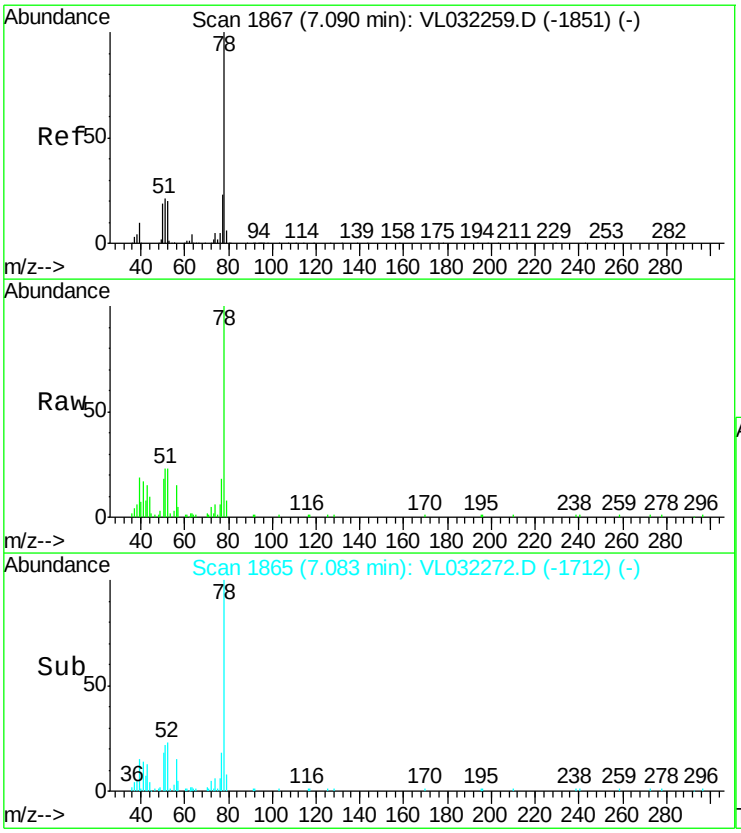

#35
Carbon Tetrachloride
Concen: 0.057 ppbv
RT: 7.22 min Scan# 1906
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion:117 Resp: 14334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 47.7 | 77.4 | 116.0# |
| 121 | 21.5 | 25.4 | 38.2# |

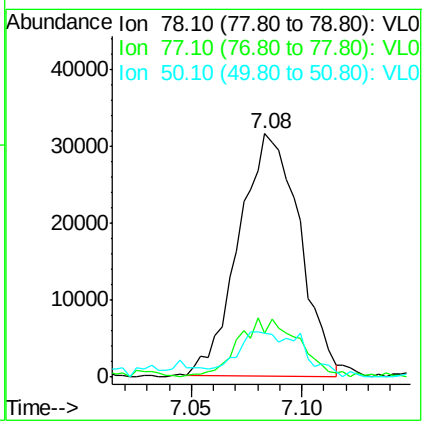


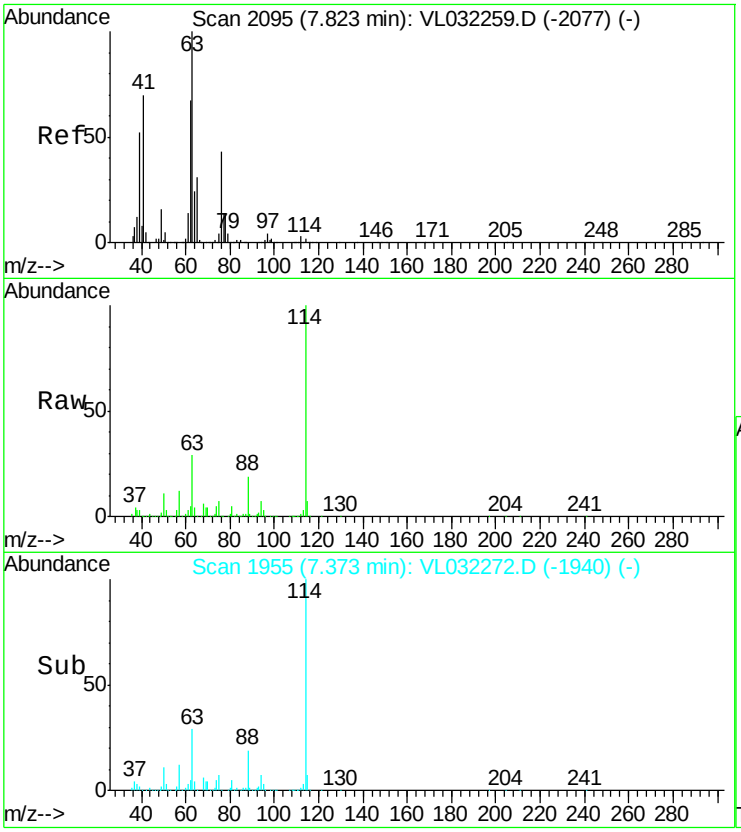




#36
Benzene
Concen: 0.167 ppbv
RT: 7.08 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 78 Resp: 59860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 17.7 | 18.6 | 27.8# |
| 50 | 15.9 | 15.0 | 22.6 |



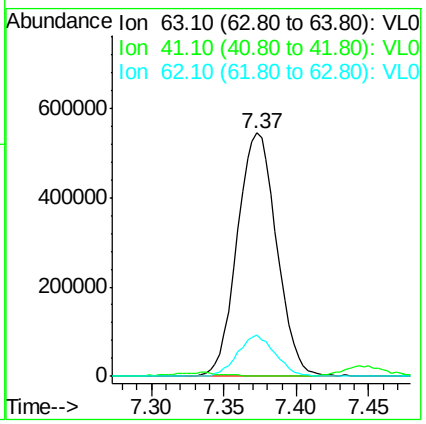


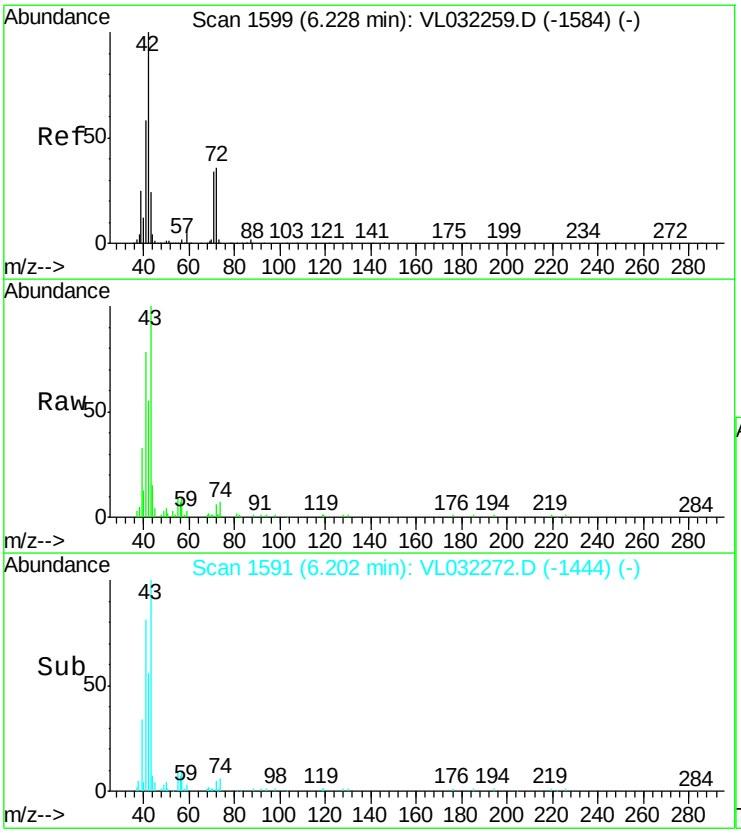

#39
1,2-Dichloropropane
Concen: 7.272 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.45 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 63 Resp: 1031129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 55.8 | 83.6# |
| 62 | 17.0 | 53.8 | 80.8# |

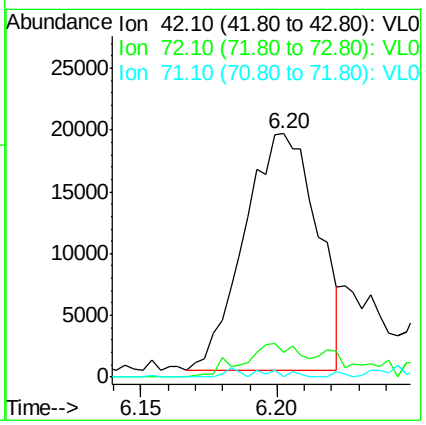


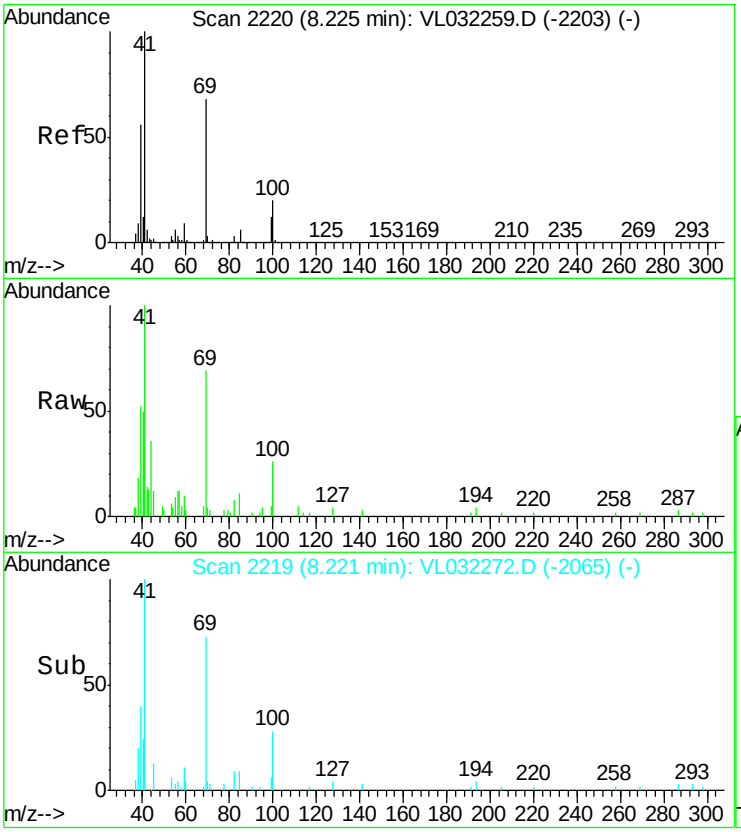




#41
Tetrahydrofuran
Concen: 0.245 ppbv
RT: 6.20 min Scan# 1591
Delta R.T. -0.03 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 42 Resp: 35642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 20.1 | 29.4 | 44.0# |
| 71 | 0.0 | 28.2 | 42.4# |



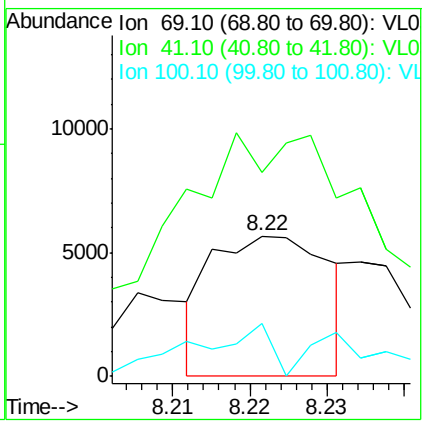


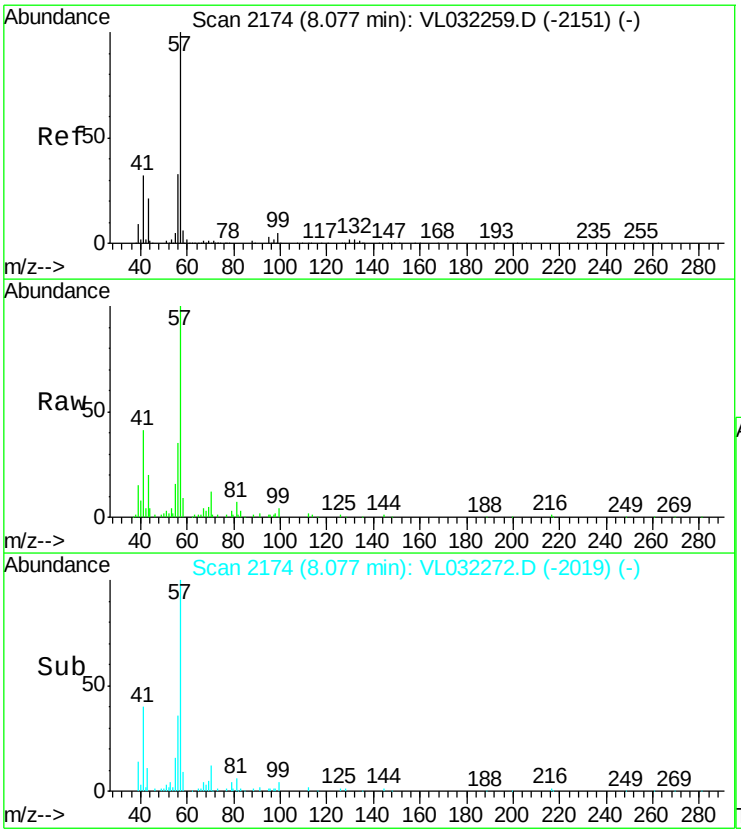

#43
Methyl Methacrylate
Concen: 0.041 ppbv
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 69 Resp: 5965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 363.9 | 118.6 | 177.8# |
| 100 | 51.3 | 23.3 | 34.9# |

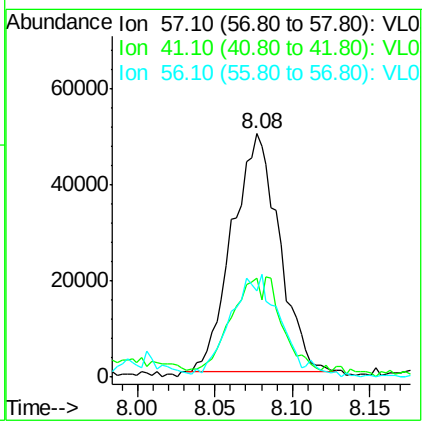


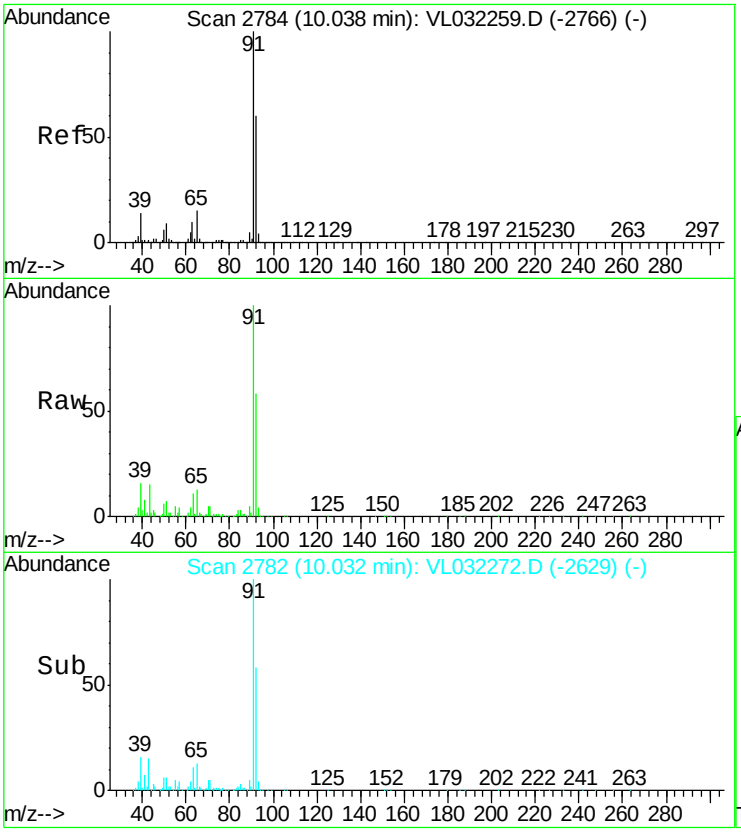




#44
2,2,4-Trimethylpentane
Concen: 0.168 ppbv
RT: 8.08 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 57 Resp: 104761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 49.3 | 24.4 | 36.6# |
| 56 | 46.7 | 25.7 | 38.5# |



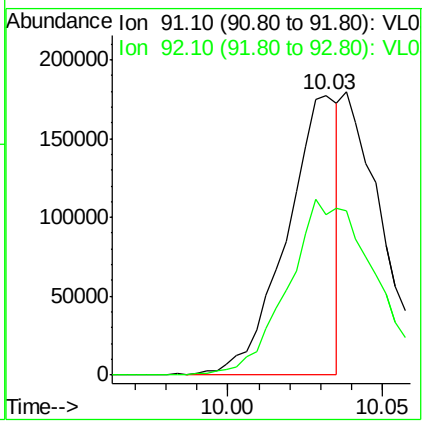


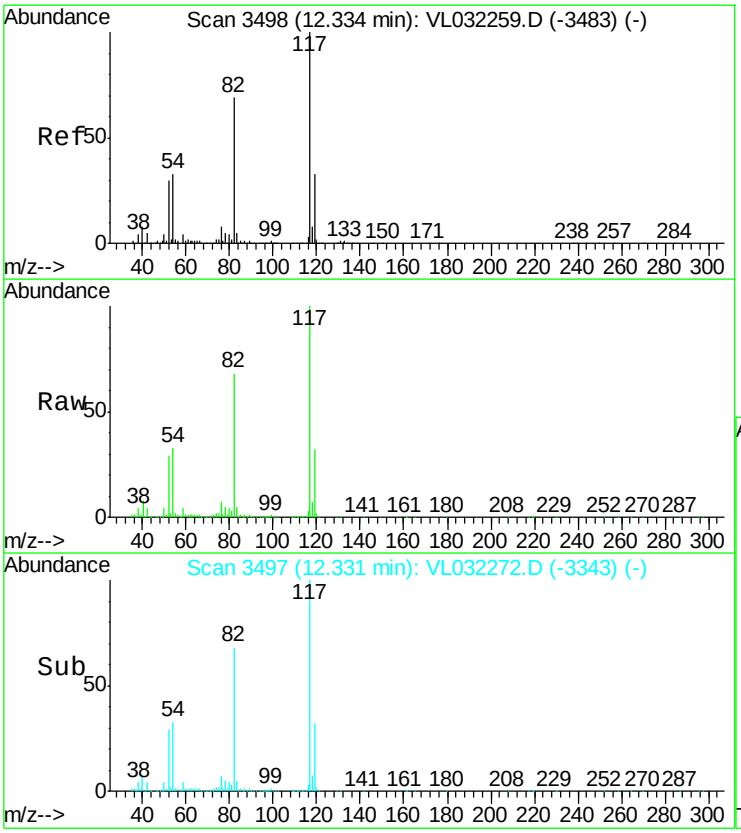

#53
Toluene
Concen: 0.466 ppbv
RT: 10.03 min Scan# 2782
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 91 Resp: 202298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 107.3 | 48.6 | 72.8# |

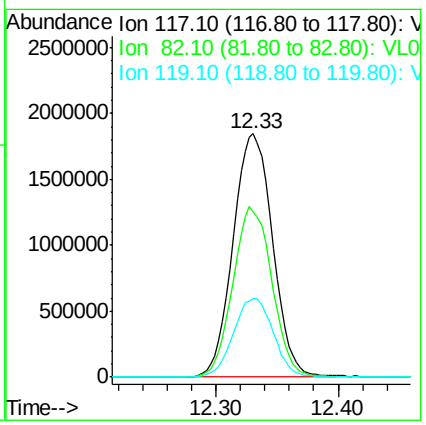


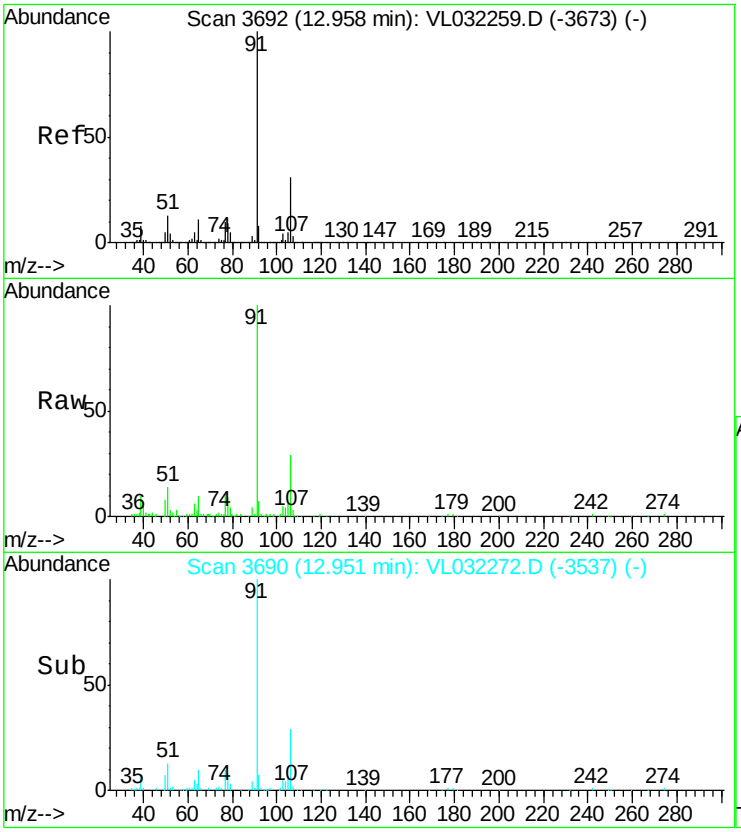




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion:117 Resp: 4132703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 69.2 | 53.9 | 80.9 |
| 119 | 32.7 | 25.5 | 38.3 |



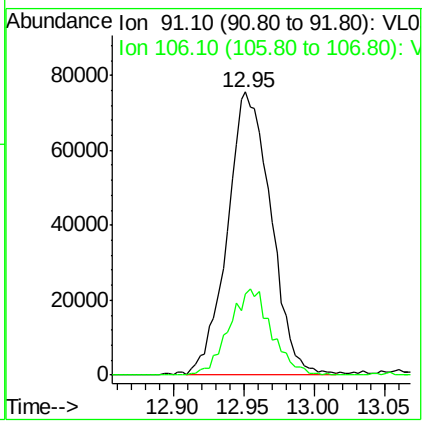


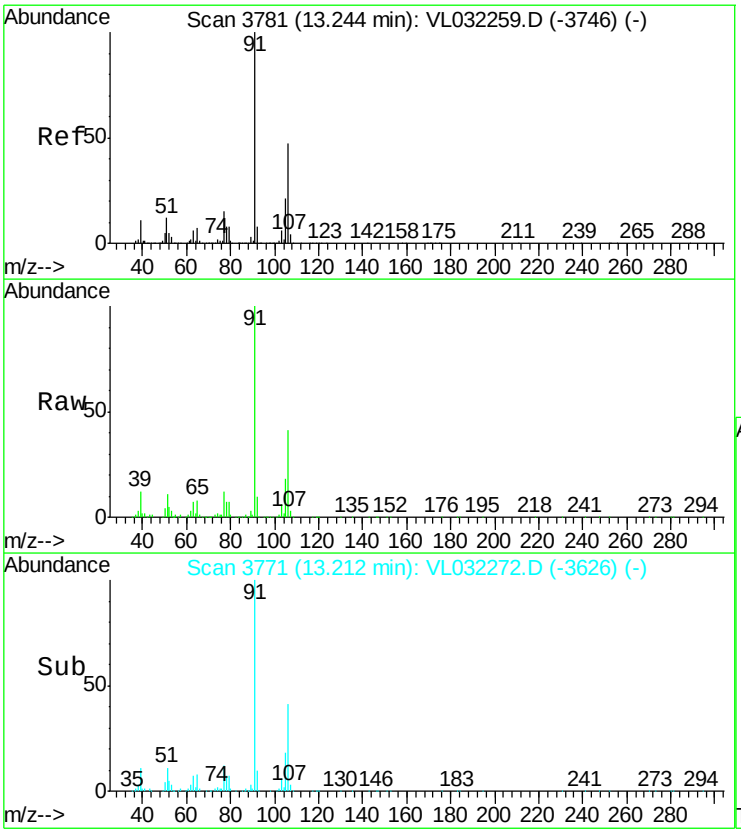

#58
Ethyl Benzene
Concen: 0.281 ppbv
RT: 12.95 min Scan# 3690
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 91 Resp: 163454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.0 | 24.5 | 36.7 |

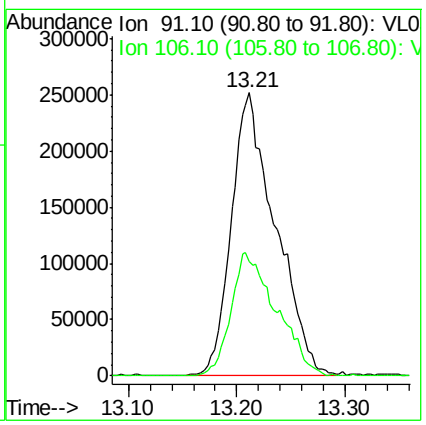


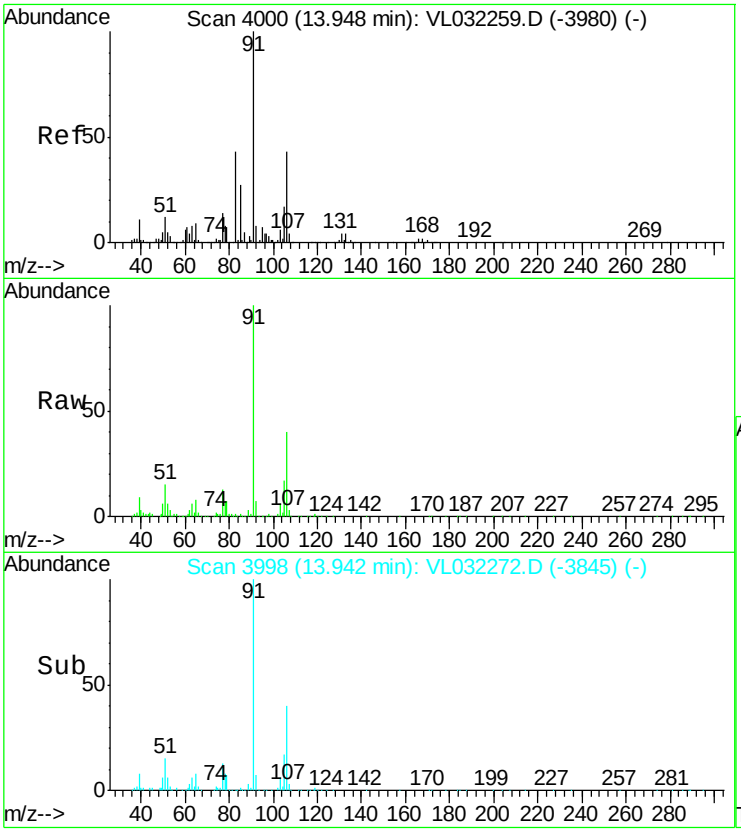




#59
m/p-Xylene
Concen: 1.429 ppbv
RT: 13.21 min Scan# 3771
Delta R.T. -0.03 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion: 91 Resp: 709968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 45.4 | 36.2 | 54.2 |



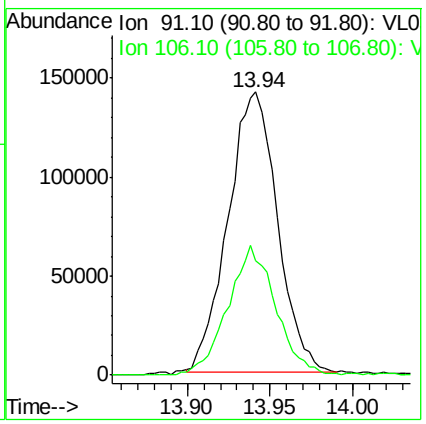


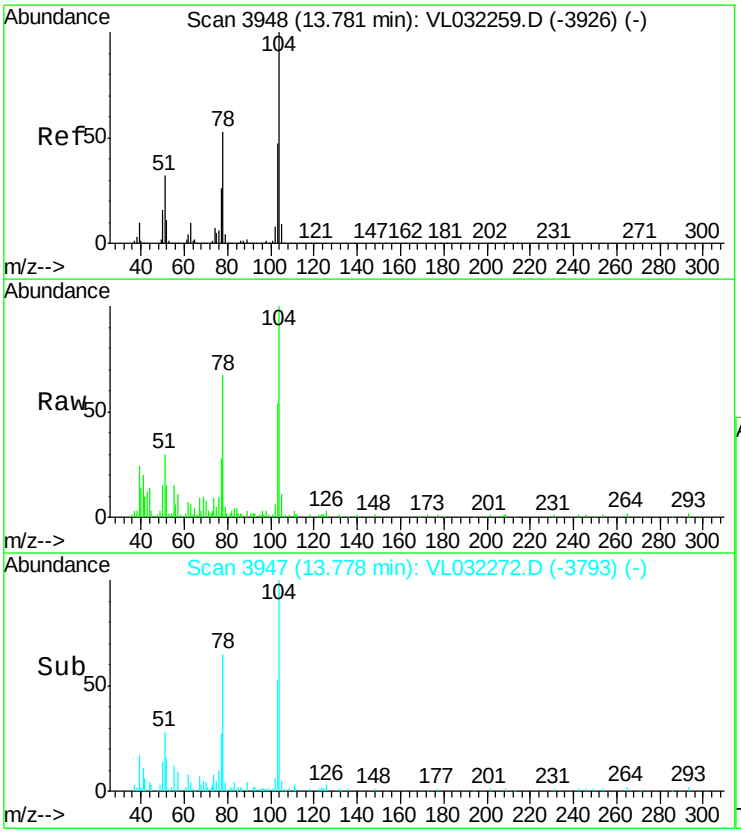

#60
o-Xylene
Concen: 0.591 ppbv
RT: 13.94 min Scan# 3998
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 91 Resp: 292467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 45.0 | 21.7 | 65.1 |

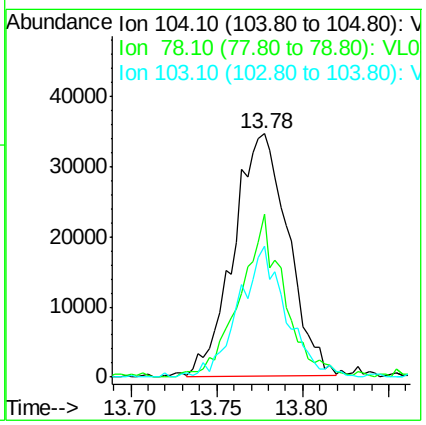


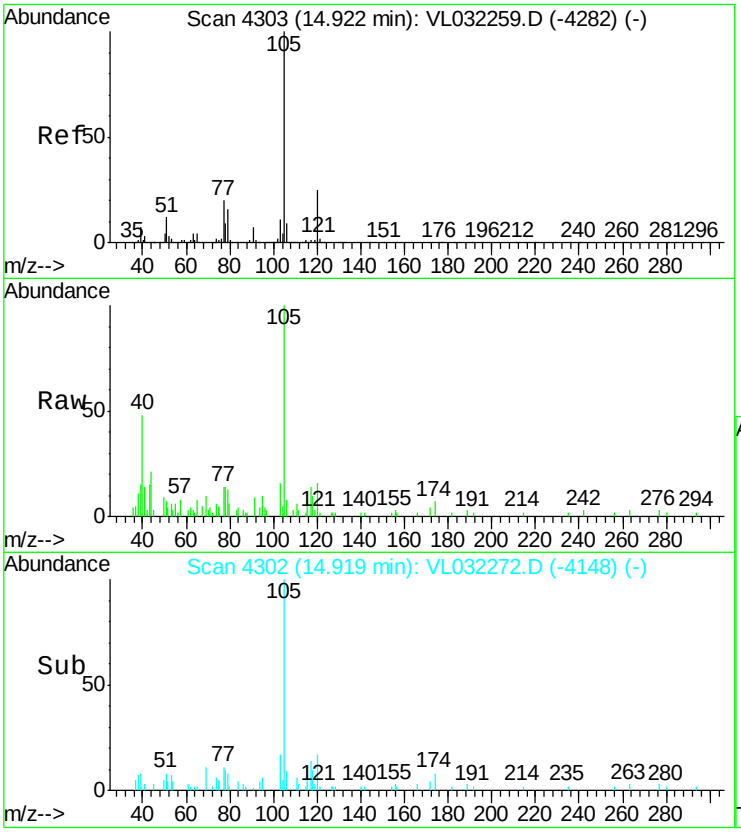




#61
Styrene
Concen: 0.207 ppbv
RT: 13.78 min Scan# 3947
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion:104 Resp: 76188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 55.0 | 43.2 | 64.8 |
| 103 | 47.0 | 37.8 | 56.6 |



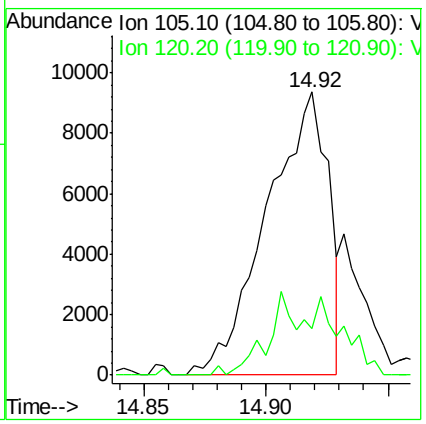


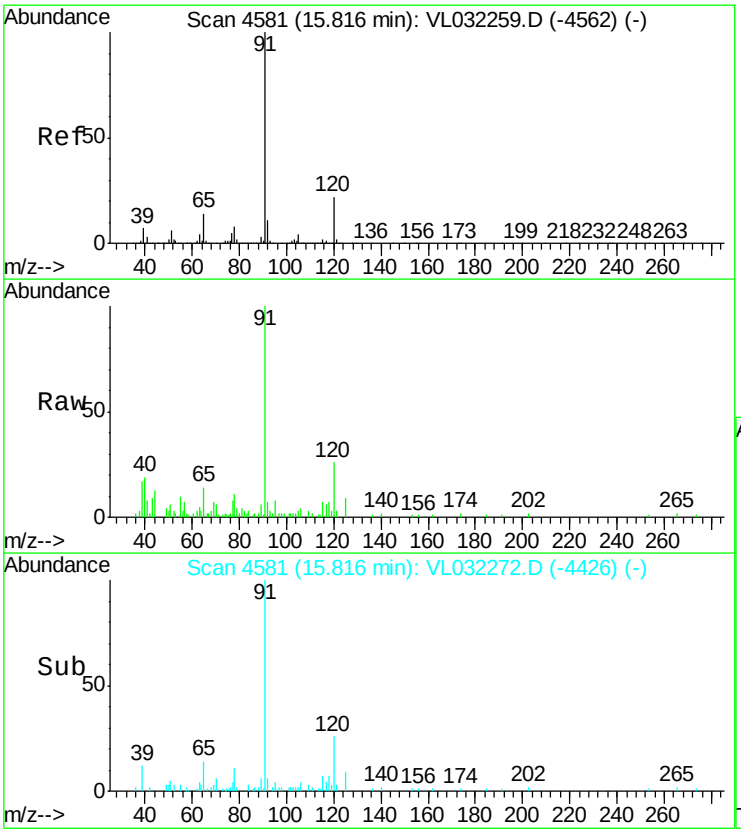

#62
Isopropylbenzene
Concen: 0.023 ppbv
RT: 14.92 min Scan# 4302
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion:105 Resp: 16315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.0 | 20.2 | 30.4 |

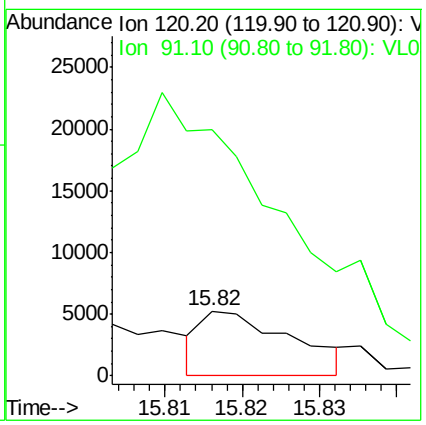


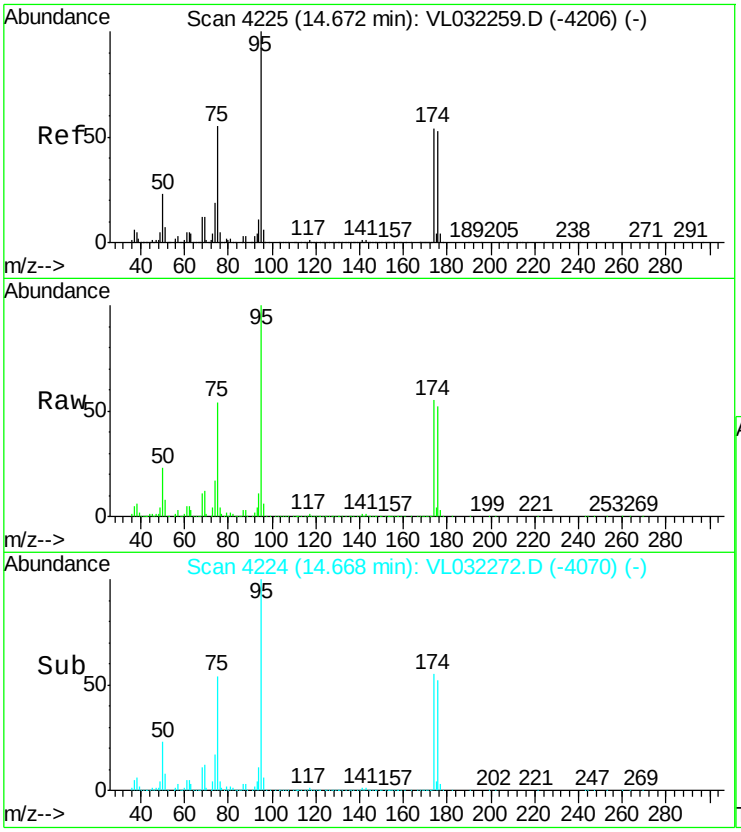




#64
n-propylbenzene
Concen: 0.023 ppbv
RT: 15.82 min Scan# 4581
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion:120 Resp: 4252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 0.0 | 384.4 | 576.6# |



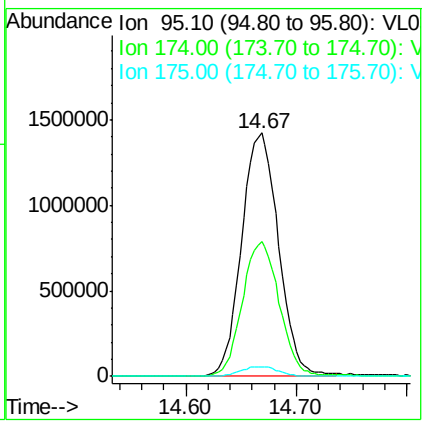


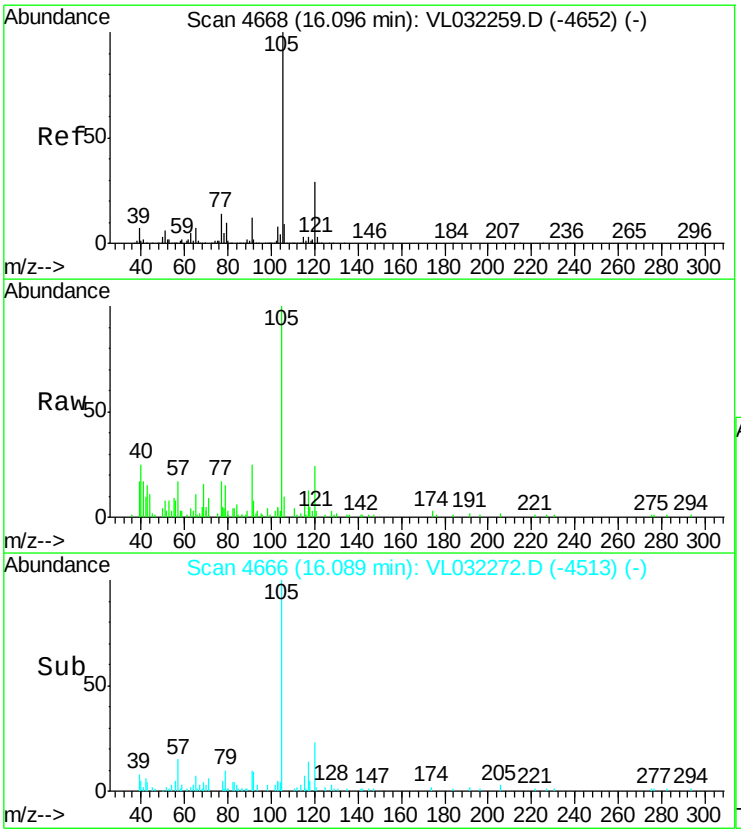

#68
1-Bromo-4-Fluorobenzene
Concen: 9.838 ppbv
RT: 14.67 min Scan# 4224
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion: 95 Resp: 3296333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 55.7 | 44.3 | 66.5 |
| 175 | 4.1 | 3.3 | 4.9 |

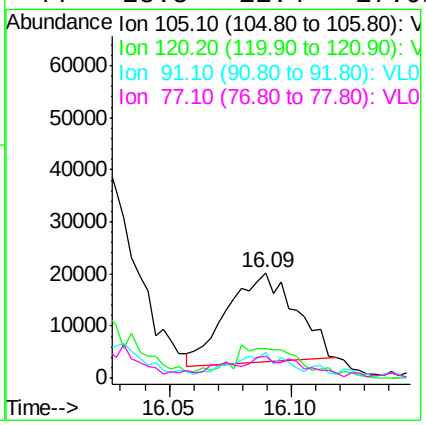


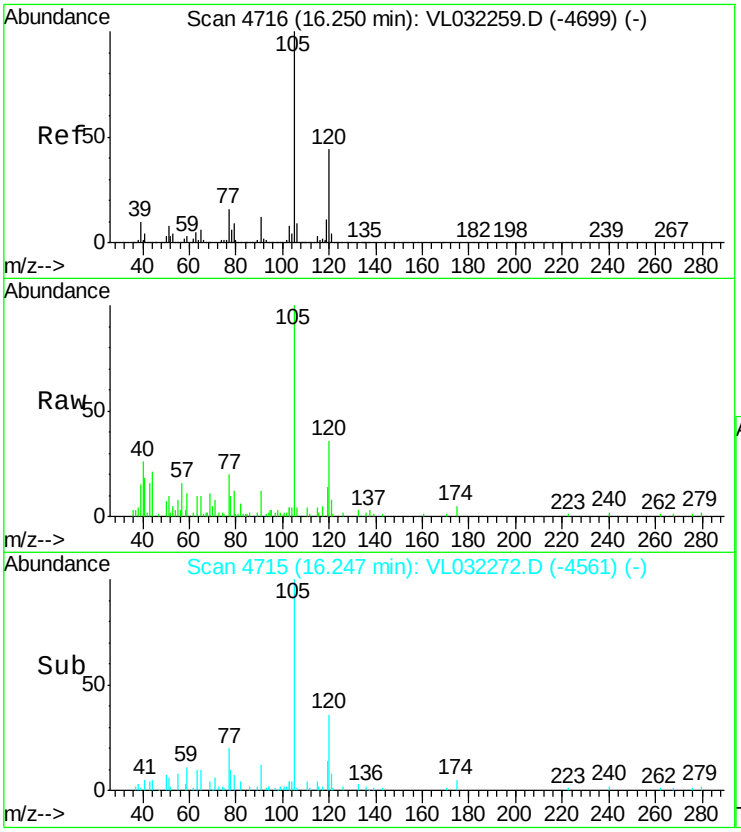




#72
4-Ethyltoluene
Concen: 0.058 ppbv
RT: 16.09 min Scan# 4666
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion:105 Resp: 33123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 36.4 | 23.0 | 34.6# |
| 91 | 32.6 | 10.1 | 15.1# |
| 77 | 25.5 | 11.4 | 17.0# |



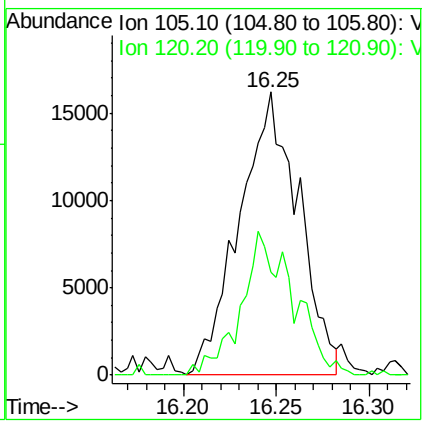


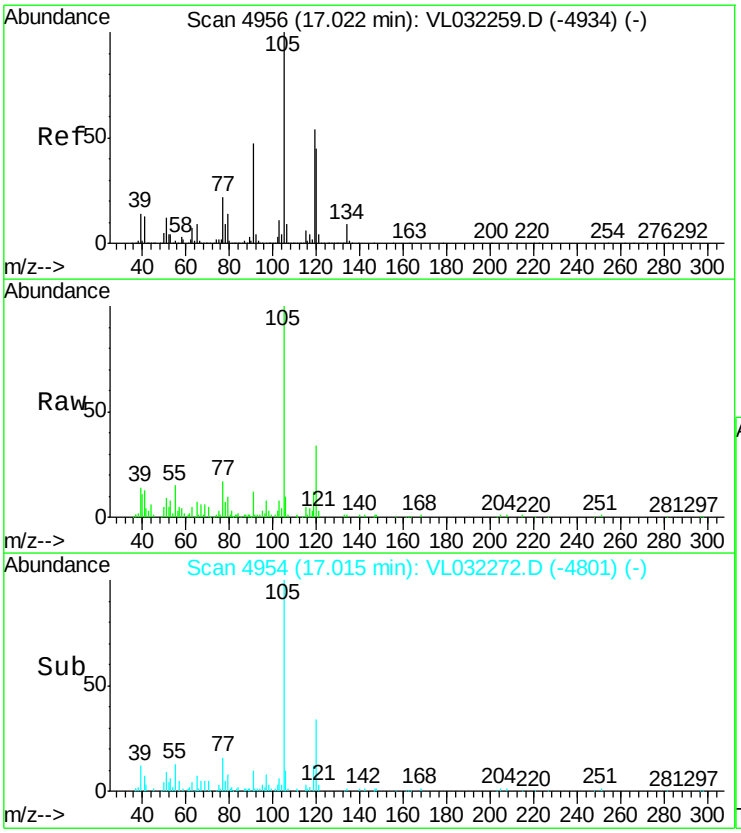

#73
1,3,5-Trimethylbenzene
Concen: 0.064 ppbv
RT: 16.25 min Scan# 4715
Delta R.T. -0.00 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

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

Tgt Ion:105 Resp: 35955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 35.5 | 53.3 |




#74
1,2,4-Trimethylbenzene
Concen: 0.107 ppbv
RT: 17.02 min Scan# 4954
Delta R.T. -0.01 min
Lab File: VL032272.D
Acq: 18 Jul 2018 22:29

Tgt Ion:105 Resp: 62599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 33.6 | 35.8 | 53.6# |
| 91 | 9.8 | 38.2 | 57.4# |
| 77 | 17.2 | 17.5 | 26.3# |