Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020519\

Quantitation Report (Not Reviewed)

Data File : VL033178.D
Acq On : 6 Feb 2019 9:17
Operator : SY/AP
Sample : VL0205ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Quant Time: Feb 20 06:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 20 06:00:52 2019
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.76 | 49 | 1031261 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.29 | 114 | 2471673 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.25 | 117 | 3118888 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.58 | 95 | 1936902 | 7.97 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 79.70% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.08 | 85 | 1597224 | 8.101 | ppbv | 97 |
| 3) Chlorodifluoromethane | 3.01 | 51 | 976847 | 7.867 | ppbv | 98 |
| 4) Chloromethane | 3.17 | 50 | 530223 | 8.087 | ppbv | 100 |
| 5) Vinyl Chloride | 3.29 | 62 | 512568 | 7.487 | ppbv | 100 |
| 6) Bromomethane | 3.51 | 94 | 305276 | 8.113 | ppbv | 99 |
| 7) Chloroethane | 3.60 | 64 | 179215 | 8.007 | ppbv | 97 |
| 8) Dichlorotetrafluoroethane | 3.22 | 85 | 1203768 | 7.807 | ppbv | 100 |
| 9) Propene | 3.04 | 41 | 460604 | 7.679 | ppbv | 99 |
| 10) Heptane | 8.25 | 43 | 1433689 | 7.900 | ppbv | 99 |
| 11) Trichlorofluoromethane | 4.00 | 101 | 1275807 | 7.993 | ppbv | 97 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.55 | 101 | 865389 | 7.823 | ppbv | 99 |
| 13) Ethanol | 3.64 | 45 | 115114 | 5.647 | ppbv | 97 |
| 14) Bromoethene | 3.79 | 108 | 390098 | 8.178 | ppbv | 100 |
| 15) Acetone | 3.90 | 43 | 840589 | 7.235 | ppbv | 100 |
| 16) 1,3-Butadiene | 3.36 | 39 | 441058 | 7.997 | ppbv | 99 |
| 17) tert-Butyl alcohol | 4.35 | 59 | 185081 | 8.293 | ppbv | 99 |
| 18) 1,1-Dichloroethene | 4.35 | 96 | 400034 | 8.078 | ppbv | 97 |
| 19) Isopropyl Alcohol | 4.02 | 45 | 625420 | 7.937 | ppbv | 99 |
| 20) Methylene Chloride | 4.41 | 84 | 339637 | 7.349 | ppbv | 97 |
| 21) Allyl Chloride | 4.47 | 41 | 632163 | 8.240 | ppbv | 100 |
| 22) trans-1,2-Dichloroethene | 4.96 | 96 | 402888 | 8.378 | ppbv | 96 |
| 23) Vinyl Acetate | 5.15 | 43 | 1659519 | 8.241 | ppbv | 99 |
| 24) 1,1-Dichloroethane | 5.09 | 63 | 1143524 | 8.029 | ppbv | 100 |
| 25) Ethyl Acetate | 5.77 | 43 | 2342188 | 8.966 | ppbv | 100 |
| 26) Hexane | 5.78 | 57 | 1049040 | 8.554 | ppbv | 98 |
| 27) Carbon Disulfide | 4.62 | 76 | 984543 | 8.763 | ppbv | 100 |
| 28) Methyl tert-Butyl Ether | 5.11 | 73 | 1329418 | 7.933 | ppbv | 99 |
| 29) Chloroform | 5.85 | 83 | 1709019 | 9.094 | ppbv | 98 |
| 30) Cyclohexane | 7.25 | 84 | 925688 | 8.136 | ppbv | 99 |
| 31) cis-1,2-Dichloroethene | 5.64 | 61 | 1129896 | 9.205 | ppbv | 98 |
| 32) 1,1,1-Trichloroethane | 6.62 | 97 | 1650864 | 7.978 | ppbv | 99 |
| 34) 2-Butanone | 5.33 | 43 | 1597311 | 10.188 | ppbv | 99 |
| 35) Carbon Tetrachloride | 7.14 | 117 | 1701145 | 9.012 | ppbv | 96 |
| 36) Benzene | 7.00 | 78 | 2266856 | 9.049 | ppbv | 99 |
| 37) 1,2-Dichloroethane | 6.41 | 62 | 1311451 | 9.447 | ppbv | 100 |
| 38) Trichloroethene | 7.96 | 130 | 823979 | 7.698 | ppbv | 94 |
| 39) 1,2-Dichloropropane | 7.74 | 63 | 876267 | 8.858 | ppbv | 100 |
| 40) 1,4-Dioxane | 7.95 | 88 | 306095 | 8.714 | ppbv | 94 |
| 41) Tetrahydrofuran | 6.15 | 42 | 953484 | 9.838 | ppbv | 99 |
| 42) Bromodichloromethane | 7.92 | 83 | 1881115 | 9.350 | ppbv | 99 |
| 43) Methyl Methacrylate | 8.14 | 69 | 929509 | 9.243 | ppbv | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020519\

Quantitation Report (Not Reviewed)

Data File : VL033178.D
Acq On : 6 Feb 2019 9:17
Operator : SY/AP
Sample : VL0205ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Quant Time: Feb 20 06:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 20 06:00:52 2019
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.99 | 57 | 3685549 | 8.682 | ppbv | | 100 |
| 45) t-1,3-Dichloropropene | 9.42 | 75 | 1162962 | 10.443 | ppbv | | 100 |
| 46) cis-1,3-Dichloropropene | 8.84 | 75 | 1403730 | 9.864 | ppbv | | 97 |
| 47) 1,1,2-Trichloroethane | 9.62 | 97 | 881585 | 8.593 | ppbv | | 97 |
| 48) Dibromochloromethane | 10.45 | 129 | 1557483 | 9.636 | ppbv | | 99 |
| 49) Bromoform | 13.21 | 173 | 1370814 | 9.856 | ppbv | | 100 |
| 50) 4-Methyl-2-Pentanone | 8.87 | 43 | 2319908 | 9.228 | ppbv | | 98 |
| 51) 2-Hexanone | 10.27 | 43 | 1847112 | 9.318 | ppbv | # | 99 |
| 52) Tetrachloroethene | 11.38 | 164 | 794906 | 8.260 | ppbv | | 98 |
| 53) Toluene | 9.95 | 91 | 2528719 | 8.525 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.76 | 107 | 1465548 | 9.103 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.28 | 131 | 1086835 | 7.482 | ppbv | | 97 |
| 57) Chlorobenzene | 12.31 | 112 | 1909052 | 6.917 | ppbv | | 95 |
| 58) Ethyl Benzene | 12.87 | 91 | 3637211 | 7.105 | ppbv | | 99 |
| 59) m/p-Xylene | 13.16 | 91 | 2939485 | 6.903 | ppbv | # | 31 |
| 60) o-Xylene | 13.86 | 91 | 2869434 | 6.910 | ppbv | | 99 |
| 61) Styrene | 13.69 | 104 | 2267120 | 7.232 | ppbv | | 100 |
| 62) Isopropylbenzene | 14.83 | 105 | 4055449 | 6.922 | ppbv | | 100 |
| 63) 1,1,2,2-Tetrachloroethane | 13.84 | 83 | 1983693 | 6.119 | ppbv | | 99 |
| 64) n-propylbenzene | 15.73 | 120 | 1023519 | 6.872 | ppbv | | 98 |
| 65) tert-Butylbenzene | 16.91 | 119 | 3451696 | 6.766 | ppbv | | 99 |
| 66) Benzyl Chloride | 17.16 | 91 | 1777059 | 9.747 | ppbv | | 100 |
| 67) sec-Butylbenzene | 17.46 | 105 | 5093169 | 6.877 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.82 | 119 | 4189931 | 6.793 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.72 | 91 | 4530668 | 6.809 | ppbv | | 100 |
| 71) 2-Chlorotoluene | 15.62 | 91 | 3142124 | 6.827 | ppbv | | 100 |
| 72) 4-Ethyltoluene | 16.01 | 105 | 3375063 | 7.047 | ppbv | | 100 |
| 73) 1,3,5-Trimethylbenzene | 16.16 | 105 | 3194428 | 6.974 | ppbv | | 97 |
| 74) 1,2,4-Trimethylbenzene | 16.93 | 105 | 3208851 | 6.754 | ppbv | | 98 |
| 75) 1,3-Dichlorobenzene | 17.17 | 146 | 1867101 | 6.814 | ppbv | | 99 |
| 76) 1,4-Dichlorobenzene | 17.31 | 146 | 1918122 | 7.066 | ppbv | | 100 |
| 77) 1,2-Dichlorobenzene | 17.99 | 146 | 1852740 | 6.843 | ppbv | | 99 |
| 78) Hexachloro-1,3-Butadiene | 23.54 | 225 | 1045209 | 7.763 | ppbv | | 99 |
| 79) Naphthalene | 22.41 | 128 | 3420341 | 6.699 | ppbv | | 98 |
| 80) Naphthalene,2-methyl- | 25.11 | 142 | 1608897 | 6.230 | ppbv | | 100 |
| 81) 1,2,4-Trichlorobenzene | 22.14 | 180 | 1672072 | 6.447 | ppbv | | 99 |

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

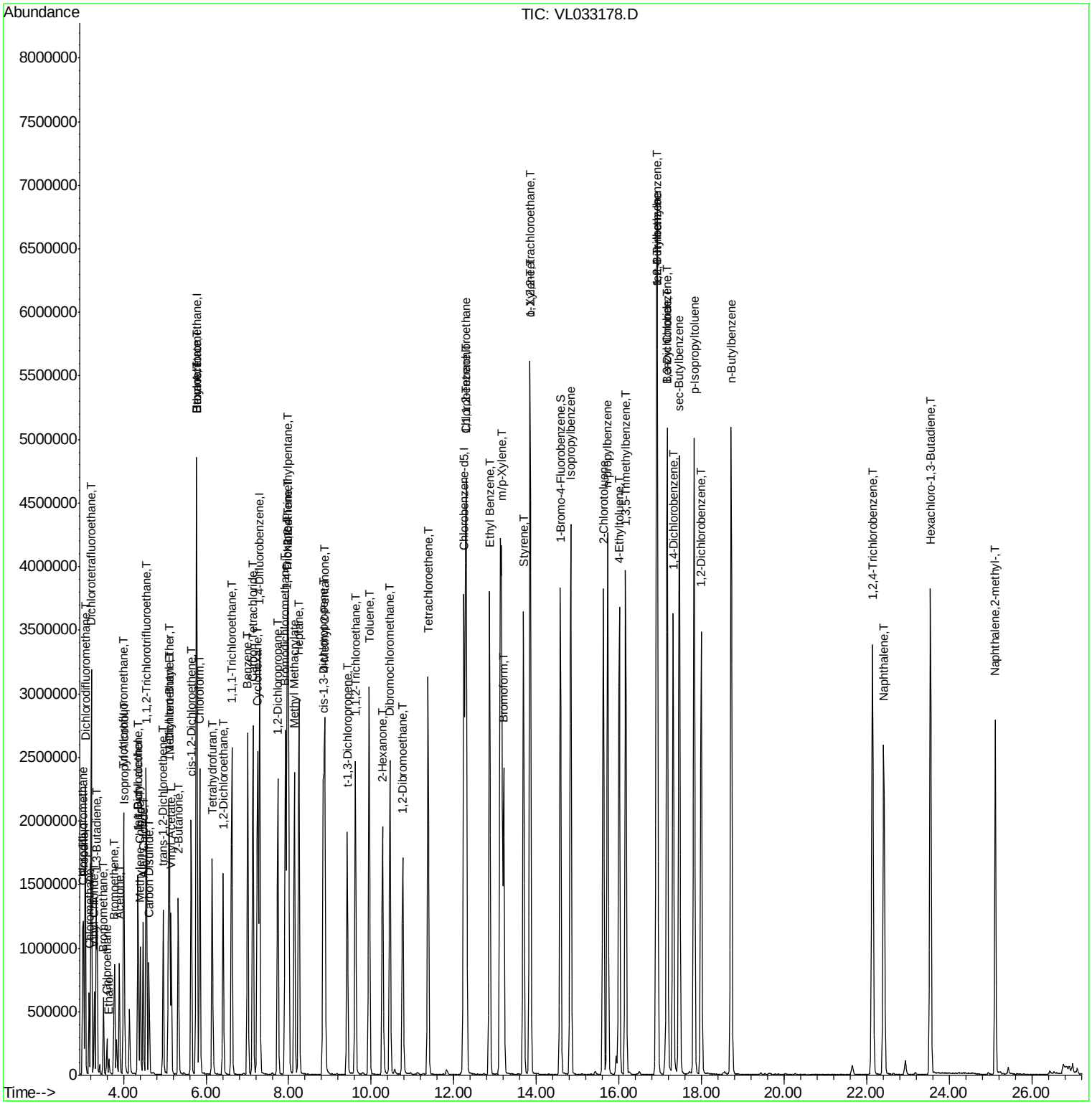
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020519\

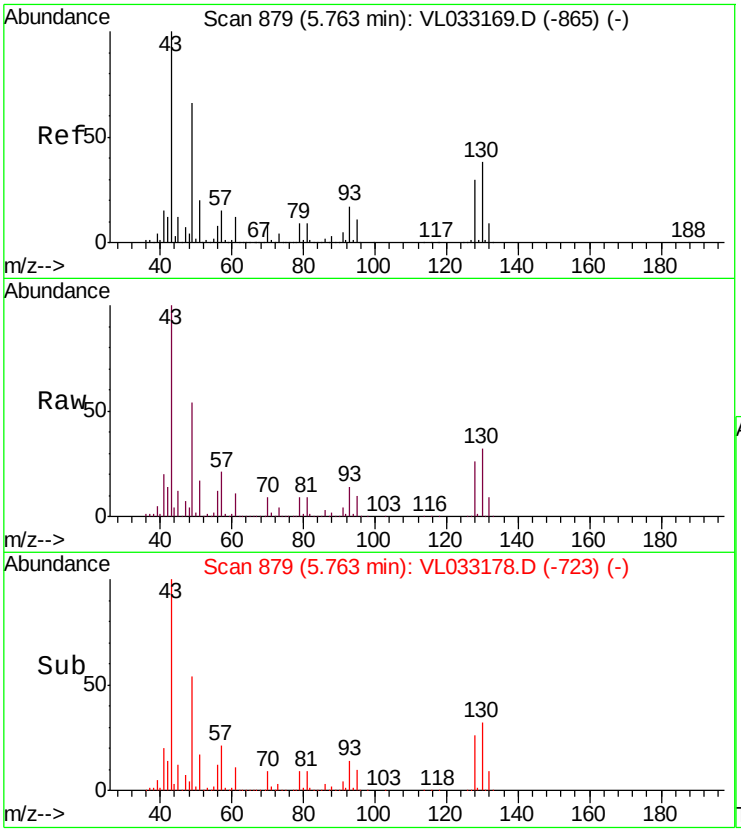
Quantitation Report (Not Reviewed)

Data File : VL033178.D
Acq On : 6 Feb 2019 9:17
Operator : SY/AP
Sample : VL0205ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Quant Time: Feb 20 06:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 20 06:00:52 2019
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration



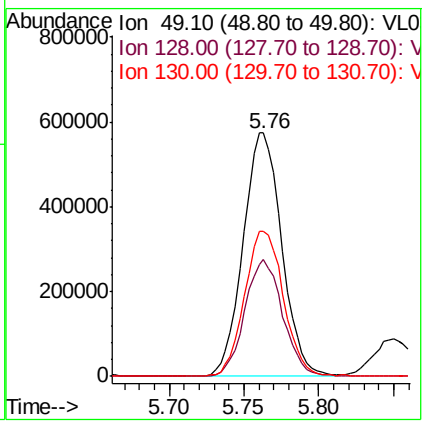


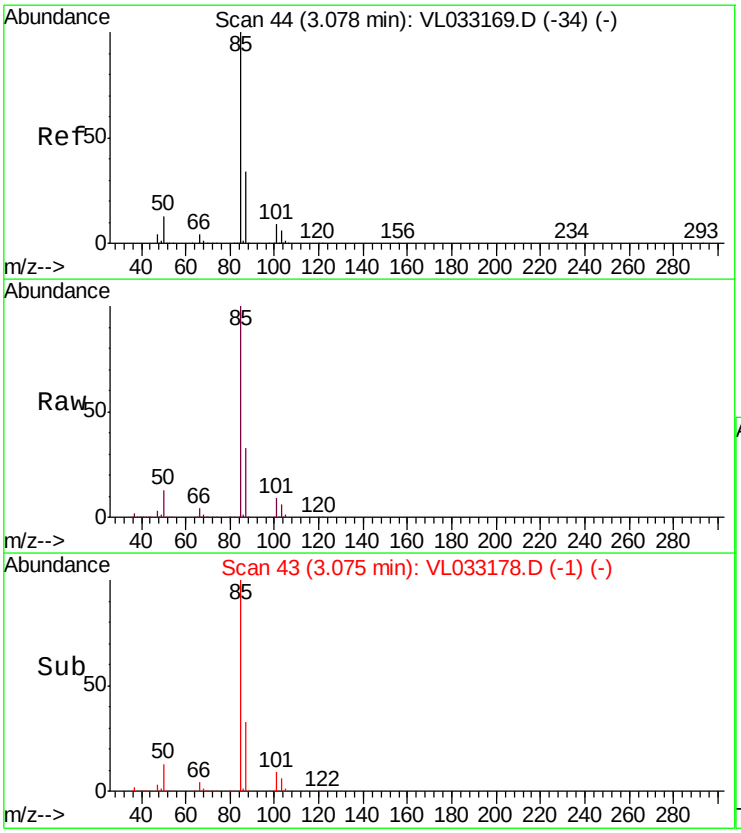

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 49 Resp: 1031261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 47.2 | 23.6 | 71.0 |
| 130 | 60.4 | 30.3 | 91.0 |

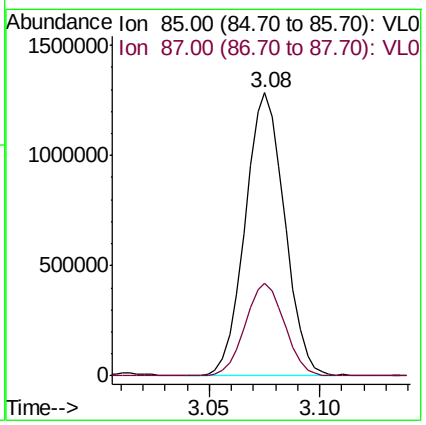


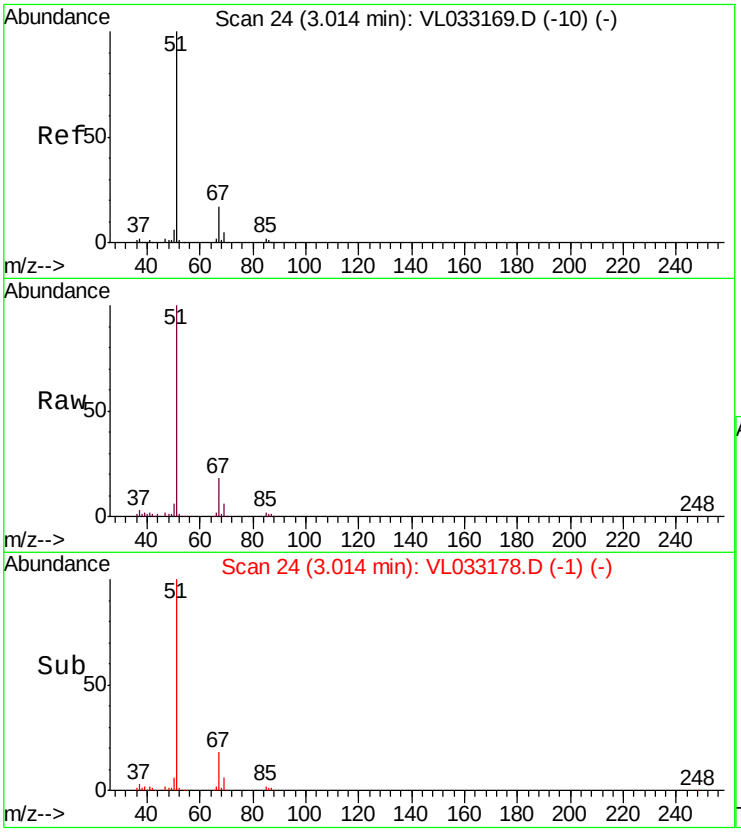




#2
Dichlorodifluoromethane
Concen: 8.101 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 85 Resp: 1597224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.5 | 27.4 | 41.2 |



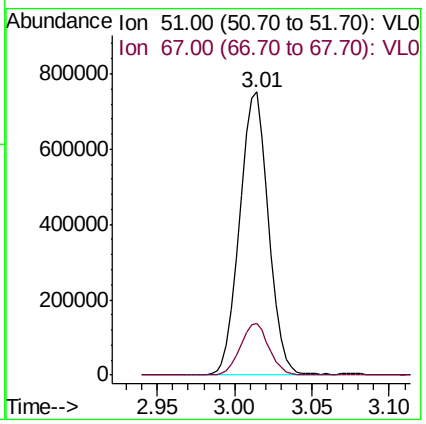


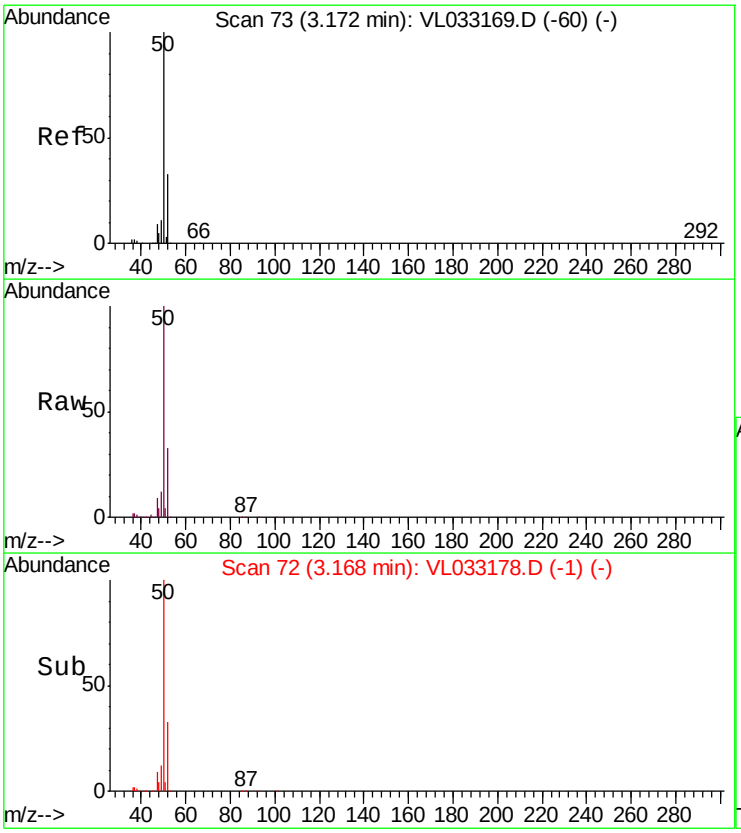

#3
Chlorodifluoromethane
Concen: 7.867 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 51 Resp: 976847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 18.2 | 14.0 | 21.0 |

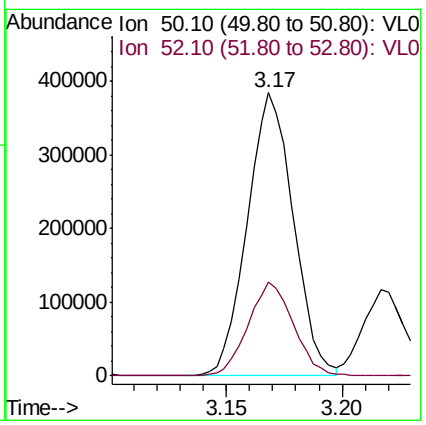


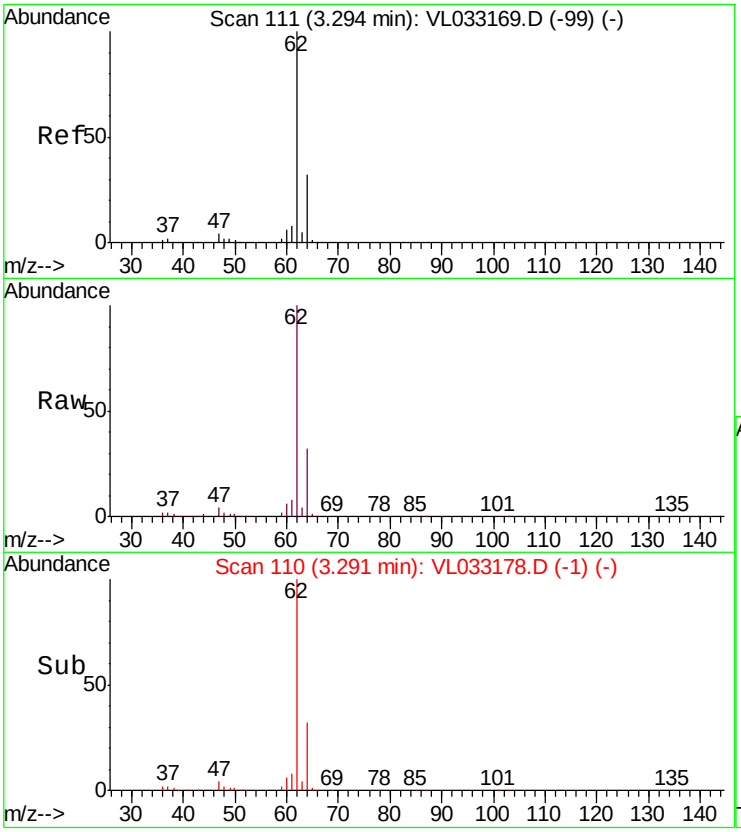




#4
Chloromethane
Concen: 8.087 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 50 Resp: 530223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.2 | 26.5 | 39.7 |



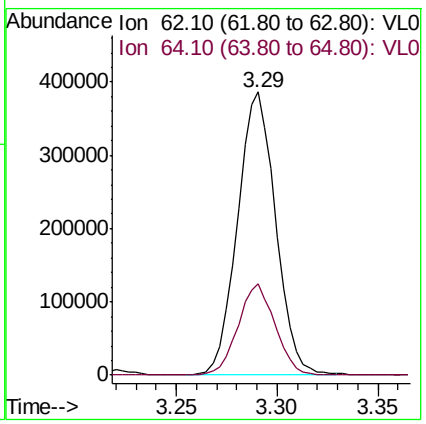


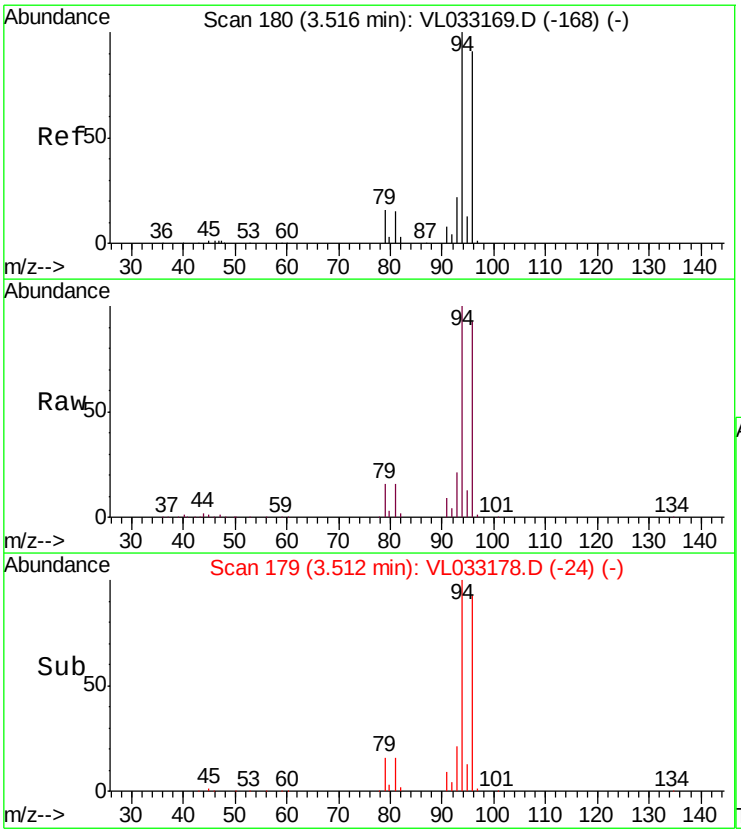

#5
Vinyl Chloride
Concen: 7.487 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 62 Resp: 512568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.6 | 38.4 |

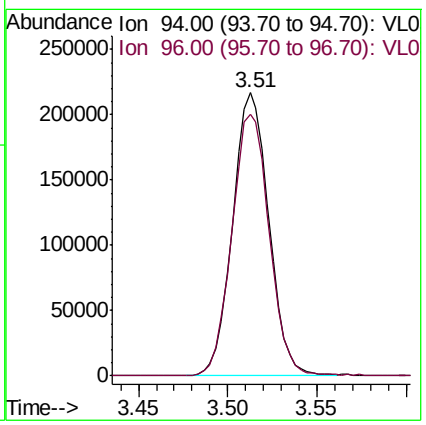


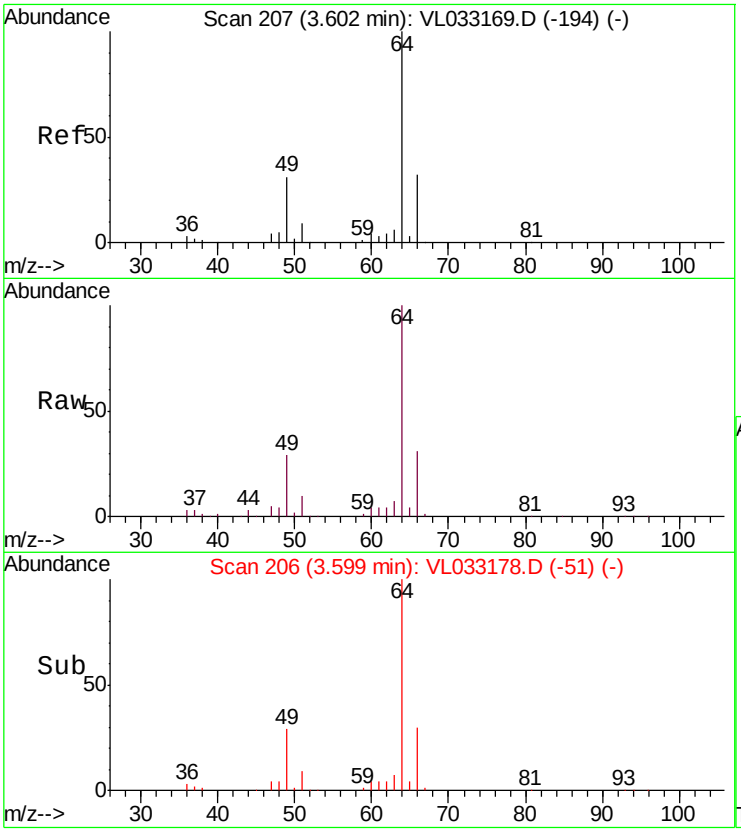




#6
Bromomethane
Concen: 8.113 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 94 Resp: 305276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.5 | 73.2 | 109.8 |



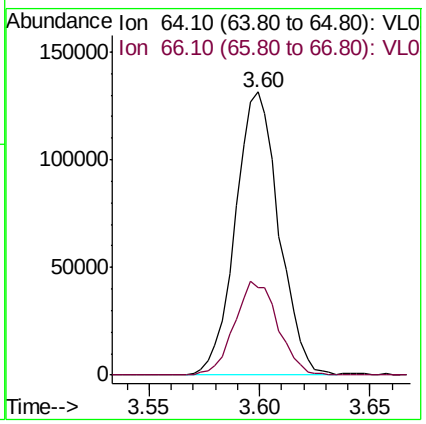


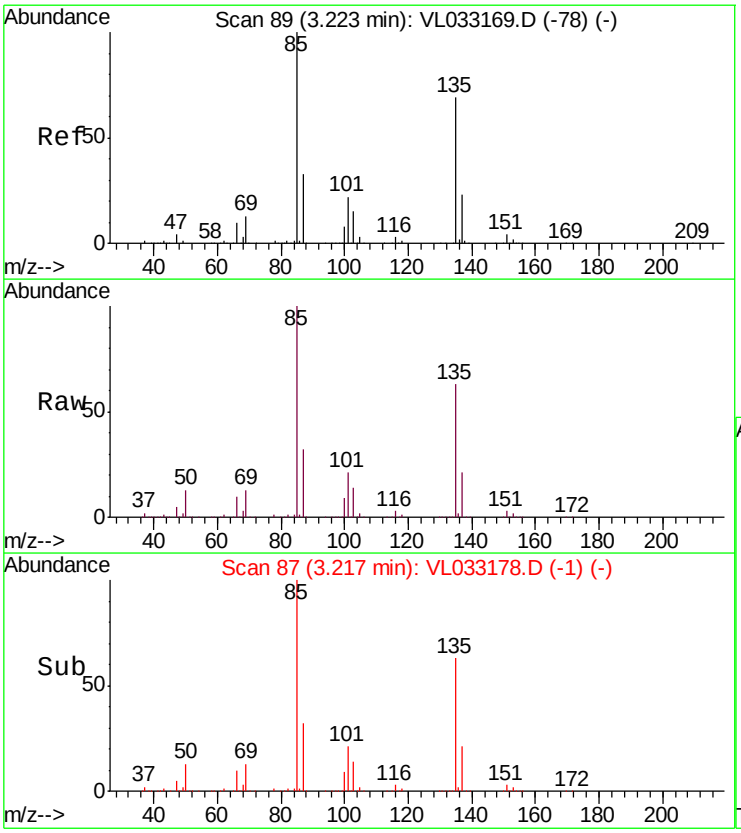

#7
Chloroethane
Concen: 8.007 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 64 Resp: 179215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.7 | 26.0 | 39.0 |

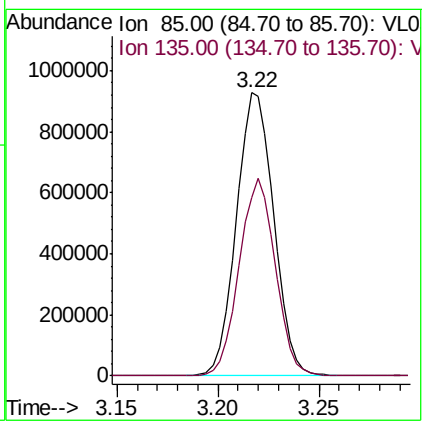


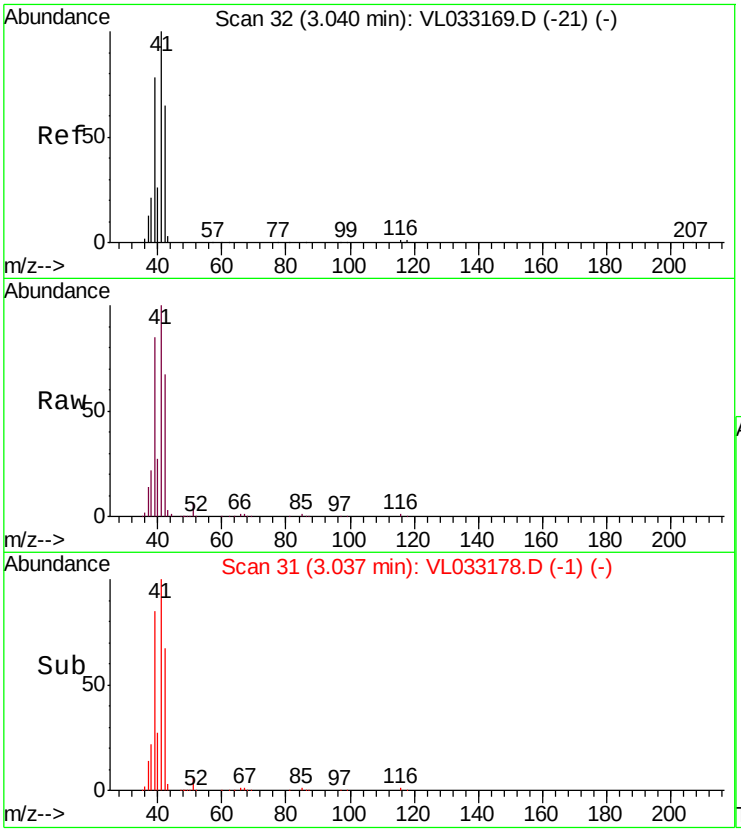




#8
Dichlorotetrafluoroethane
Concen: 7.807 ppbv
RT: 3.22 min Scan# 87
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 85 Resp: 1203768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 67.8 | 54.3 | 81.5 |



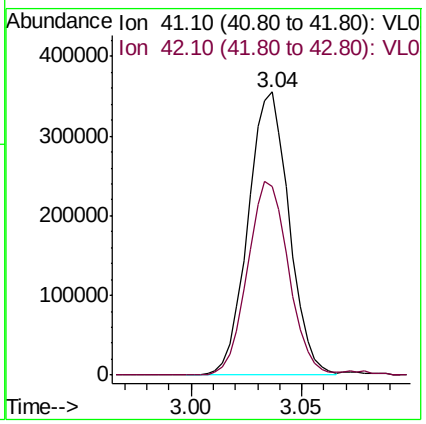


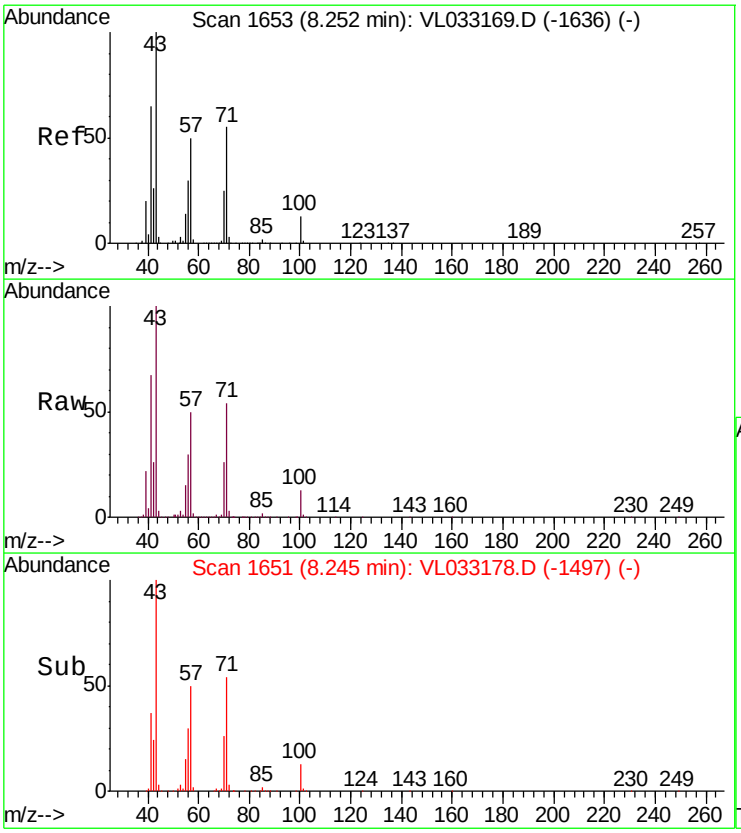

#9
Propene
Concen: 7.679 ppbv
RT: 3.04 min Scan# 31
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 41 Resp: 460604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 69.7 | 55.0 | 82.6 |

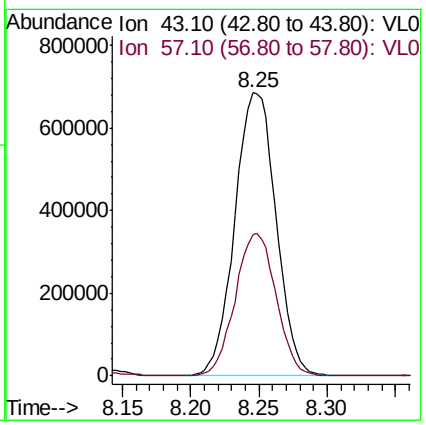


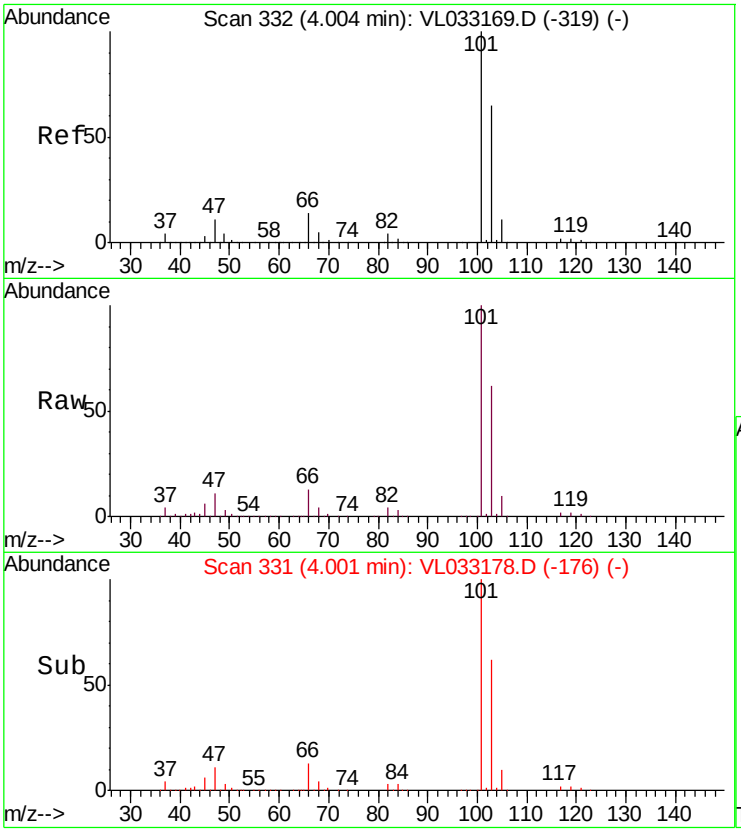




#10
Heptane
Concen: 7.900 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 43 Resp: 1433689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 49.9 | 39.5 | 59.3 |



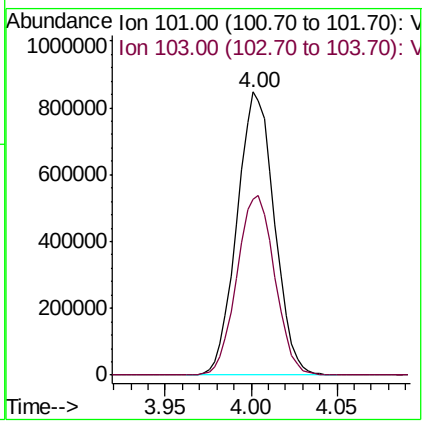


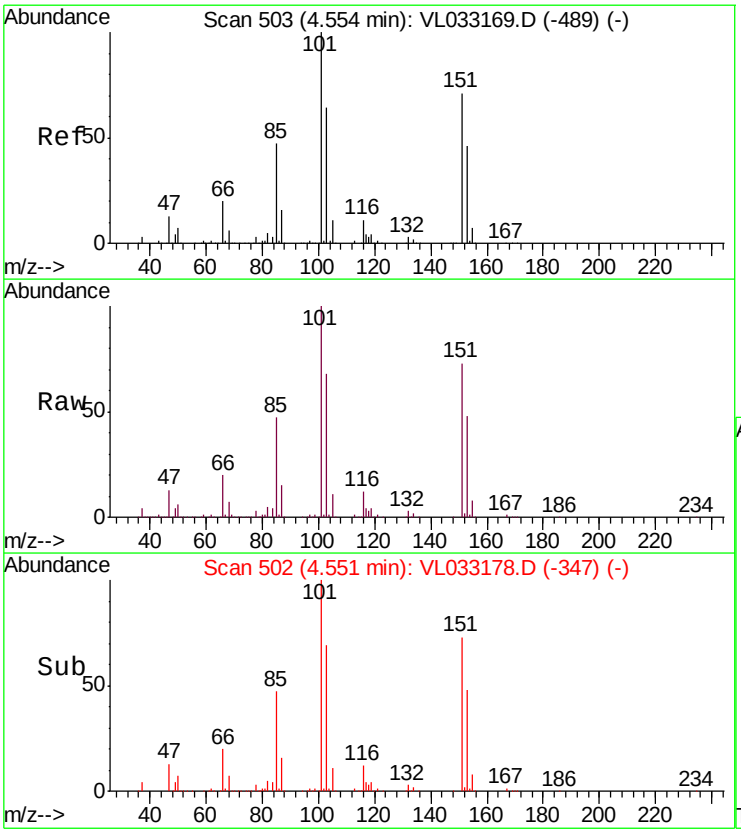

#11
Trichlorofluoromethane
Concen: 7.993 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:101 Resp: 1275807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.1 | 51.7 | 77.5 |

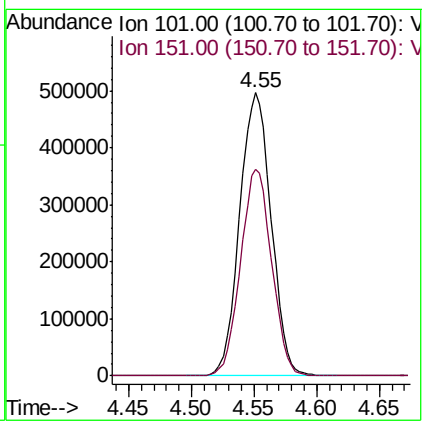


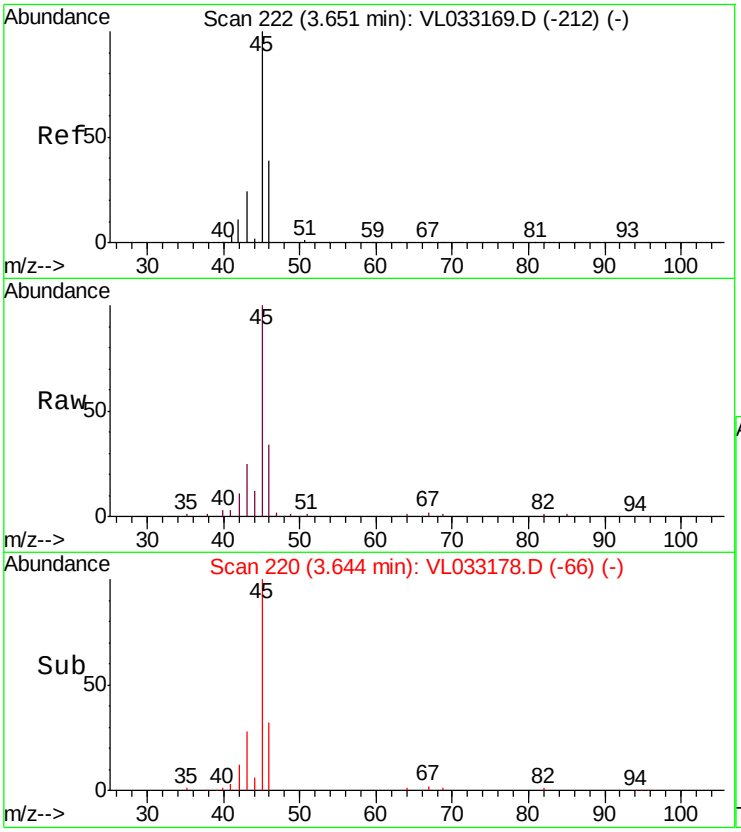




#12
1,1,2-Trichlorotrifluoroethane
Concen: 7.823 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:101 Resp: 865389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 72.5 | 57.4 | 86.0 |



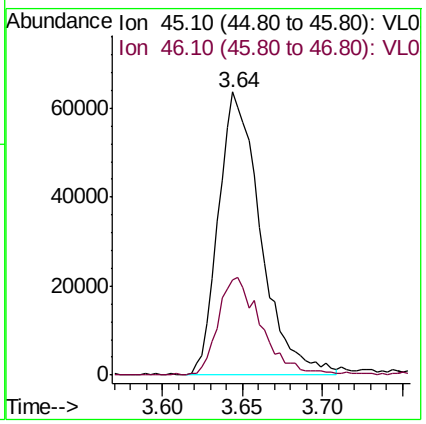


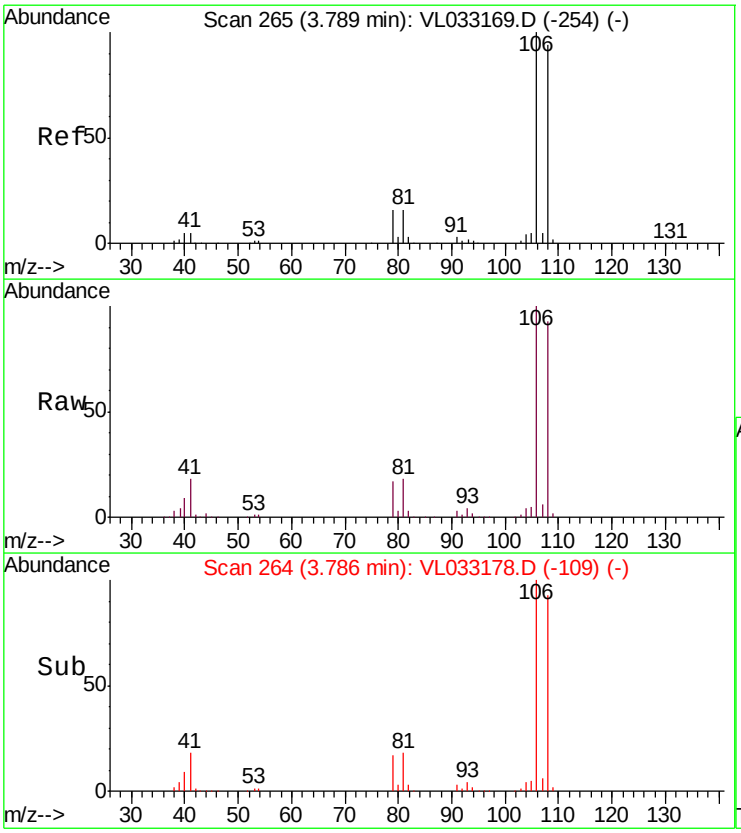

#13
Ethanol
Concen: 5.647 ppbv
RT: 3.64 min Scan# 220
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 45 Resp: 115114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 35.6 | 15.0 | 60.2 |

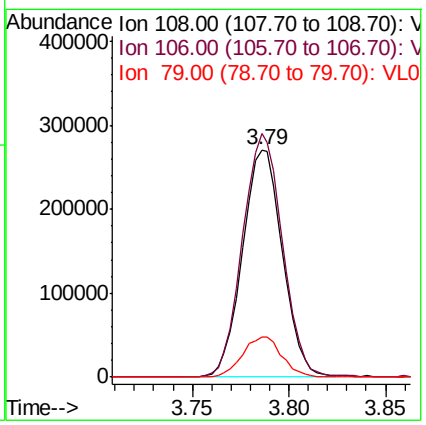


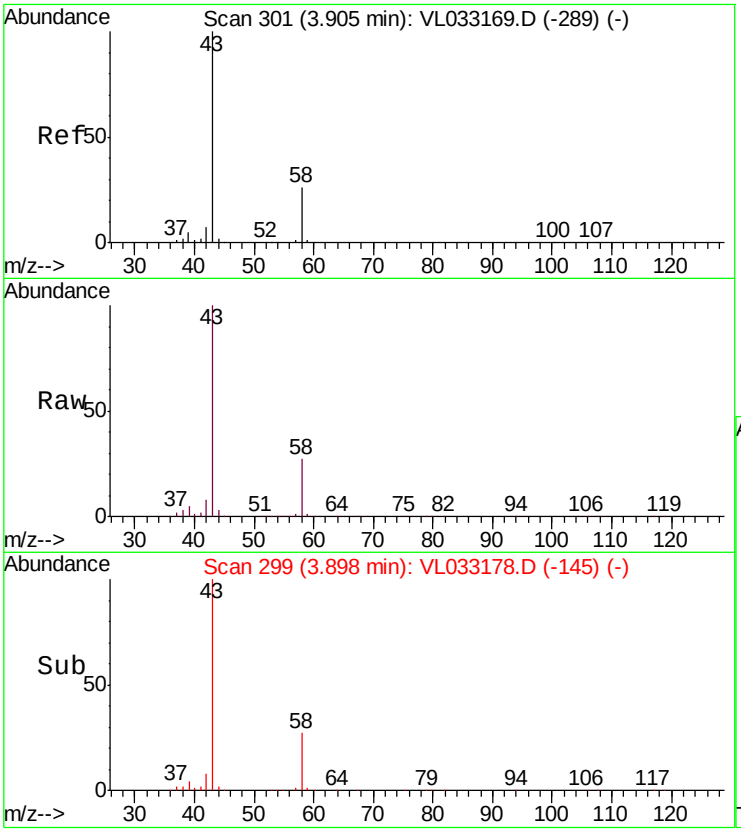




#14
Bromoethene
Concen: 8.178 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:108 Resp: 390098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 107.3 | 86.0 | 129.0 |
| 79 | 17.8 | 14.5 | 21.7 |



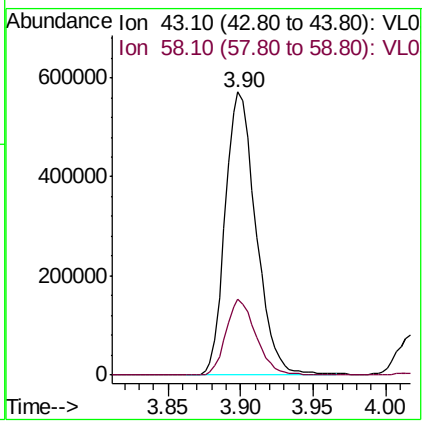


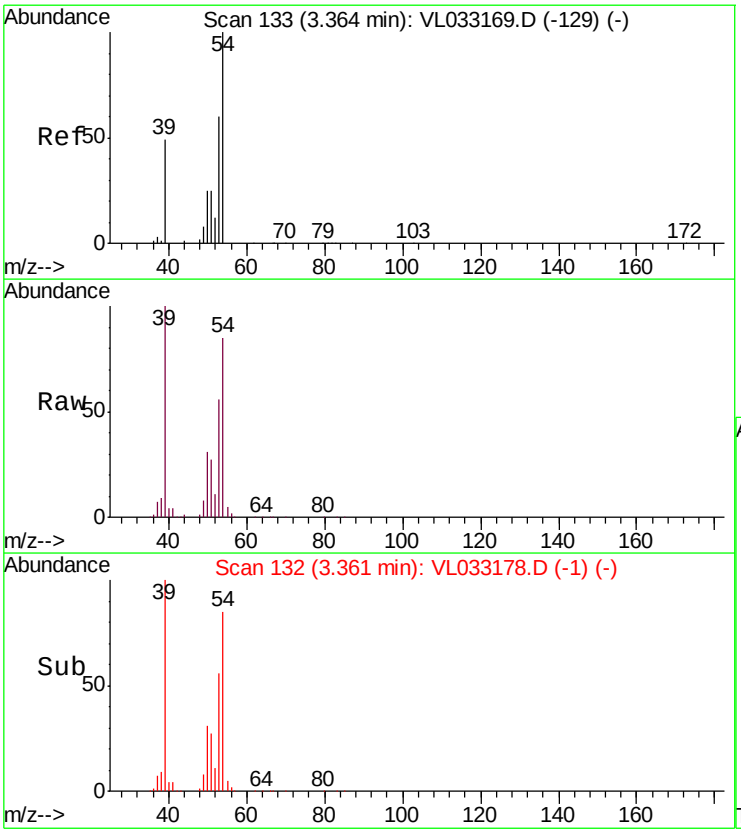

#15
Acetone
Concen: 7.235 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 43 Resp: 840589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 21.1 | 31.7 |

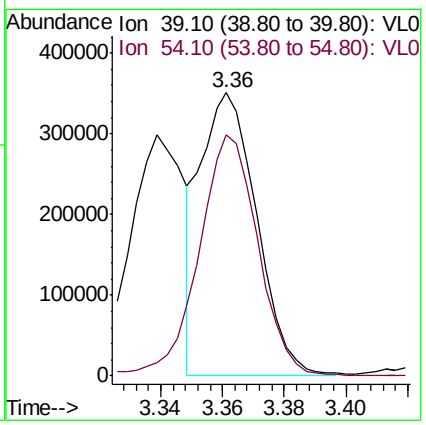


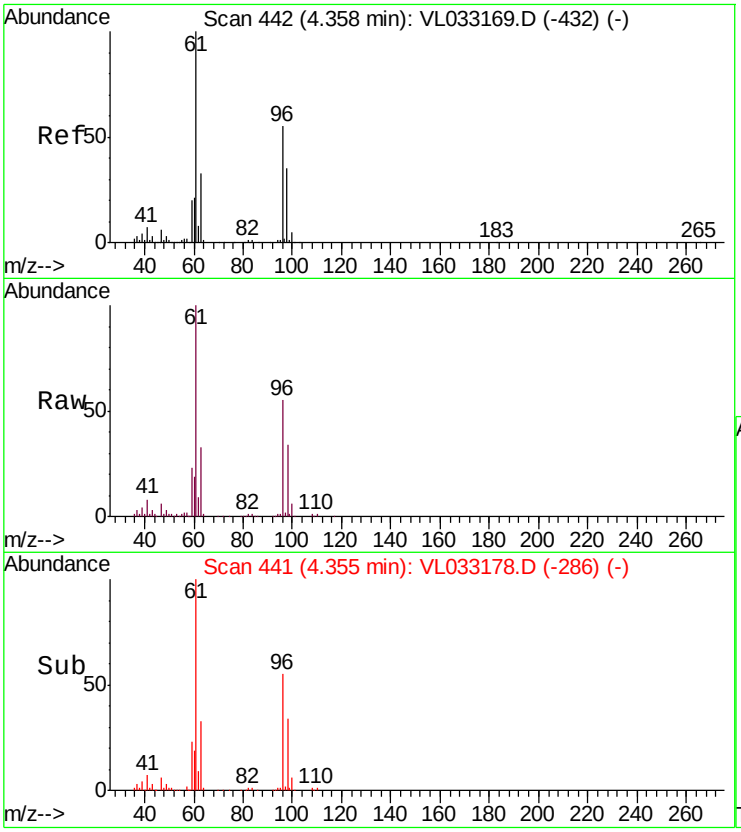




#16
1,3-Butadiene
Concen: 7.997 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 39 Resp: 441058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 90.2 | 71.3 | 106.9 |



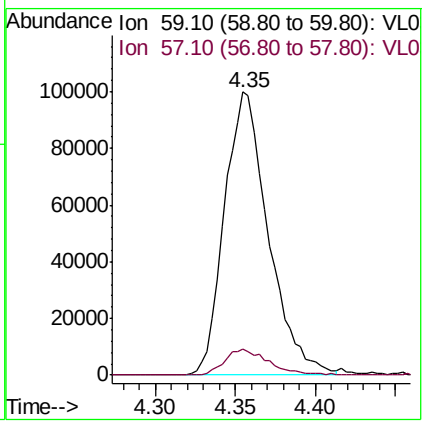


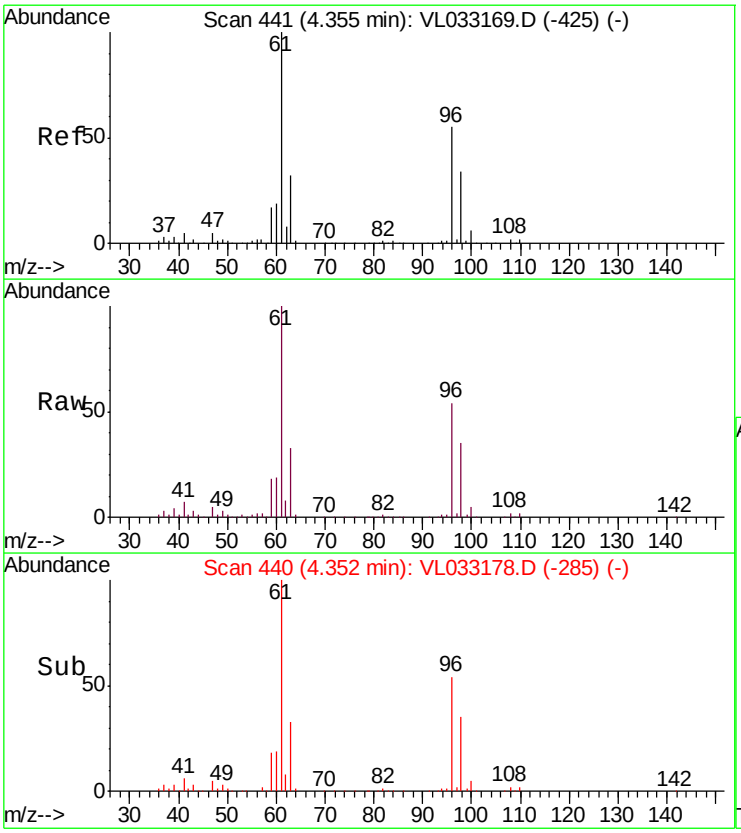

#17
tert-Butyl alcohol
Concen: 8.293 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 59 Resp: 185081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.3 | 7.6 | 11.4 |

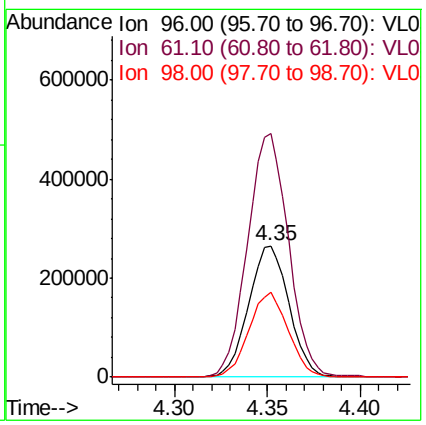


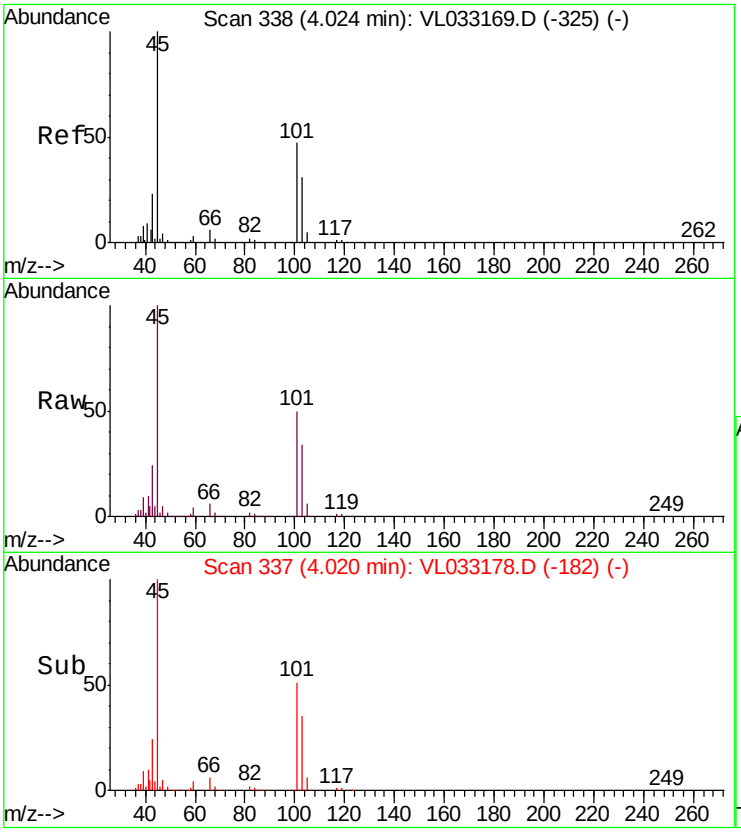




#18
1,1-Dichloroethene
Concen: 8.078 ppbv
RT: 4.35 min Scan# 440
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 96 Resp: 400034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 185.5 | 145.0 | 217.6 |
| 98 | 64.3 | 50.0 | 75.0 |



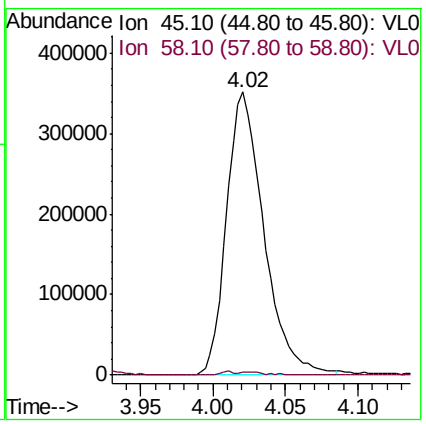


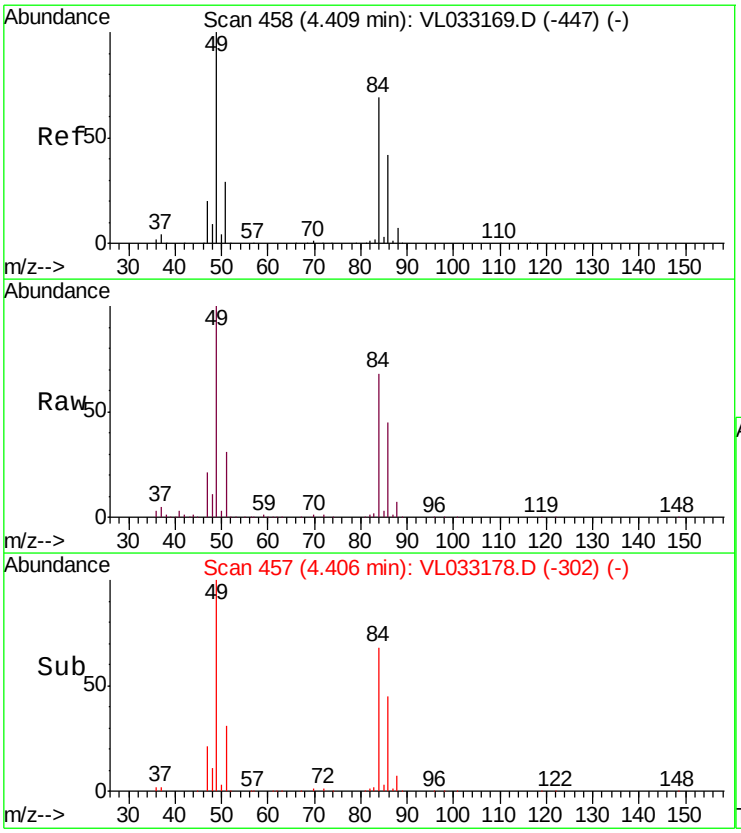

#19
Isopropyl Alcohol
Concen: 7.937 ppbv
RT: 4.02 min Scan# 337
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 45 Resp: 625420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1.7 | 1.5 | 2.3 |

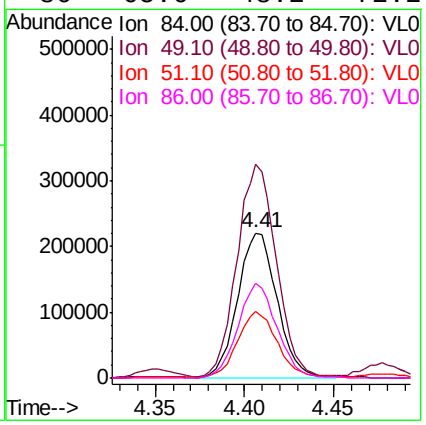


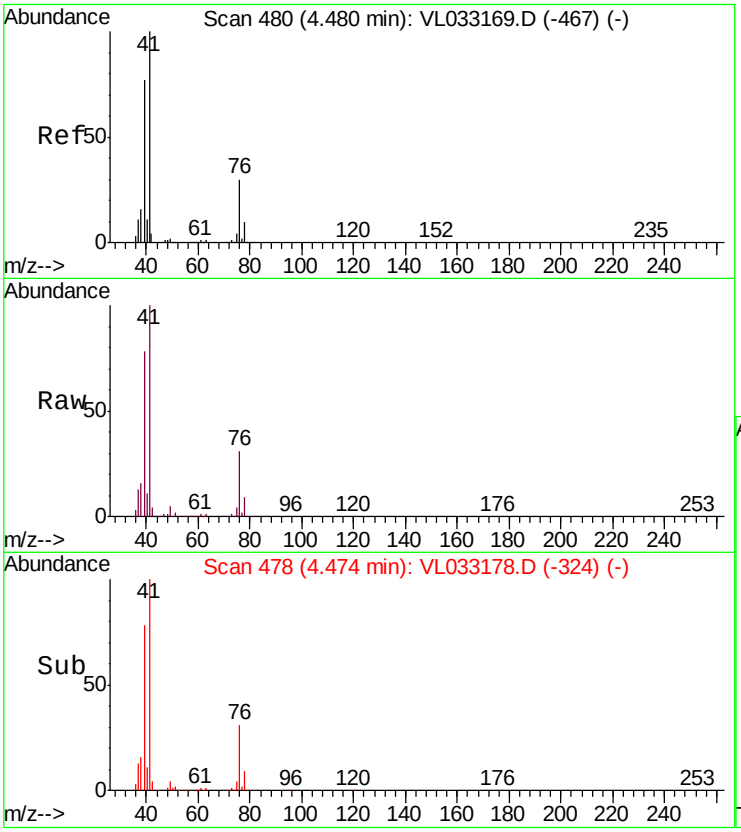




#20
Methylene Chloride
Concen: 7.349 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 84 Resp: 339637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 146.3 | 115.8 | 173.8 |
| 51 | 44.8 | 33.0 | 49.6 |
| 86 | 65.6 | 48.2 | 72.2 |



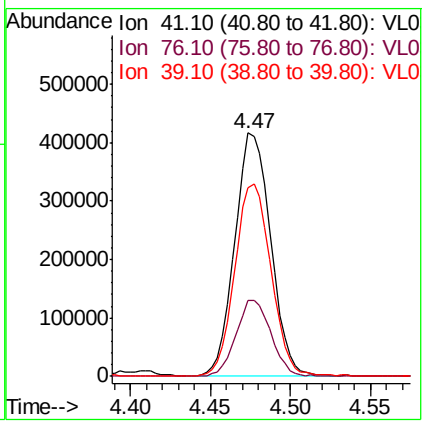


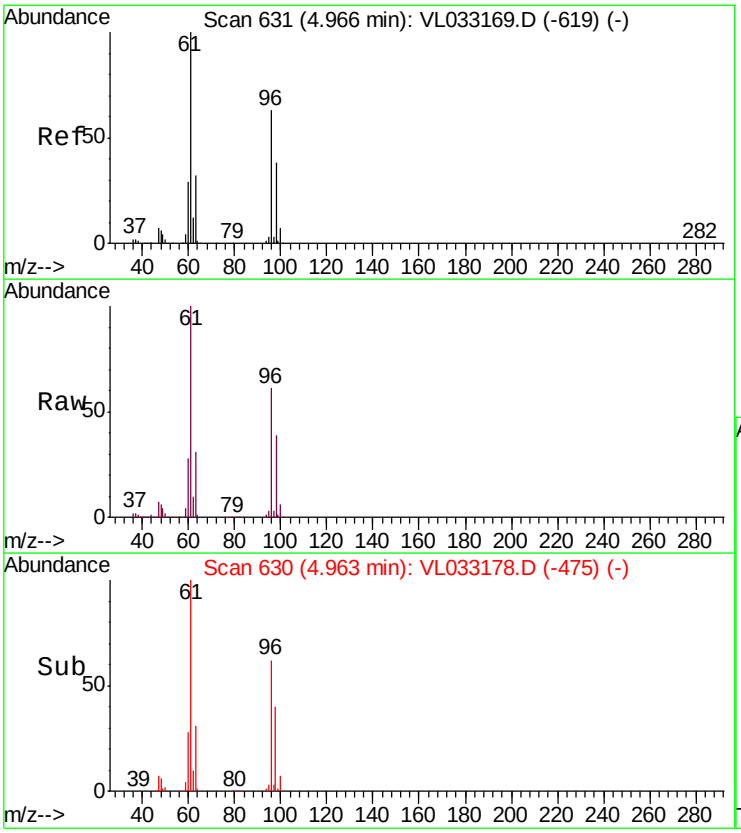

#21
Allyl Chloride
Concen: 8.240 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 41 Resp: 632163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 30.8 | 24.5 | 36.7 |
| 39 | 80.0 | 64.1 | 96.1 |

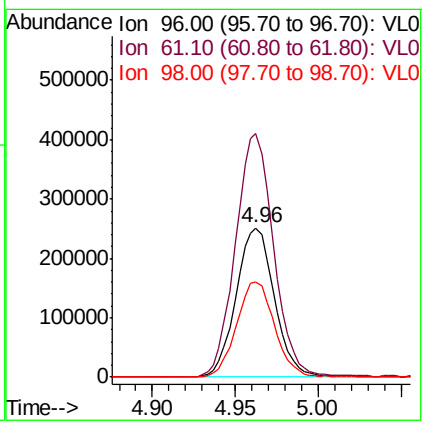


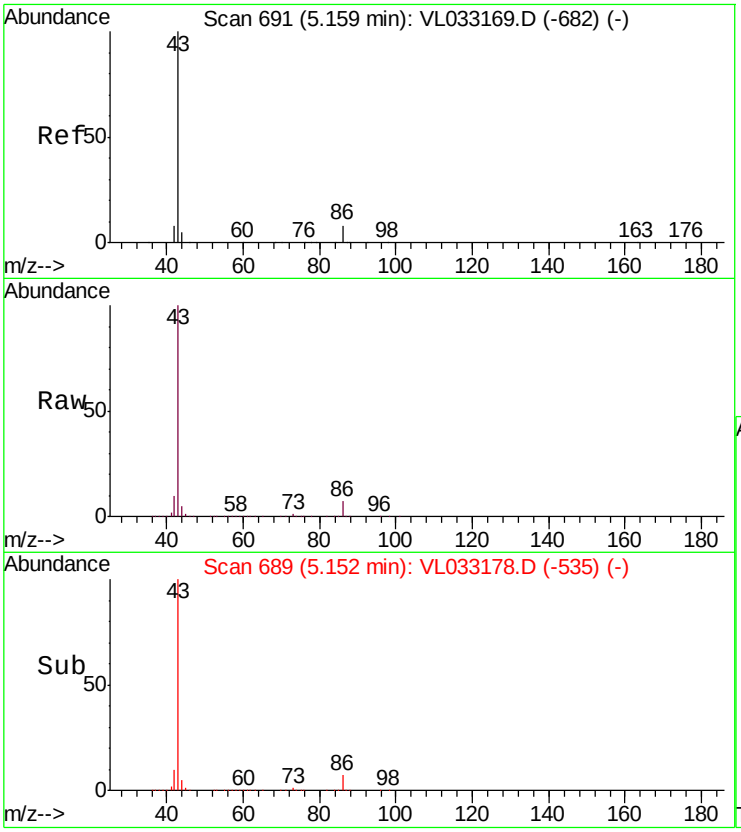




#22
trans-1,2-Dichloroethene
Concen: 8.378 ppbv
RT: 4.96 min Scan# 630
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 96 Resp: 402888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 163.2 | 126.4 | 189.6 |
| 98 | 64.2 | 48.4 | 72.6 |



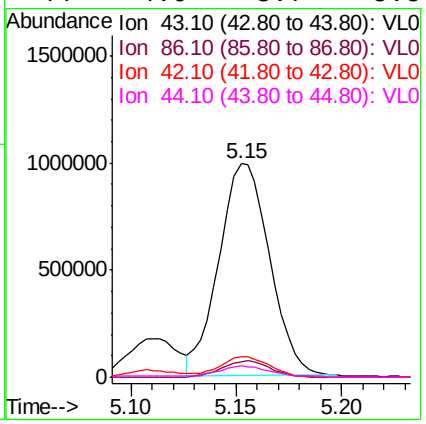


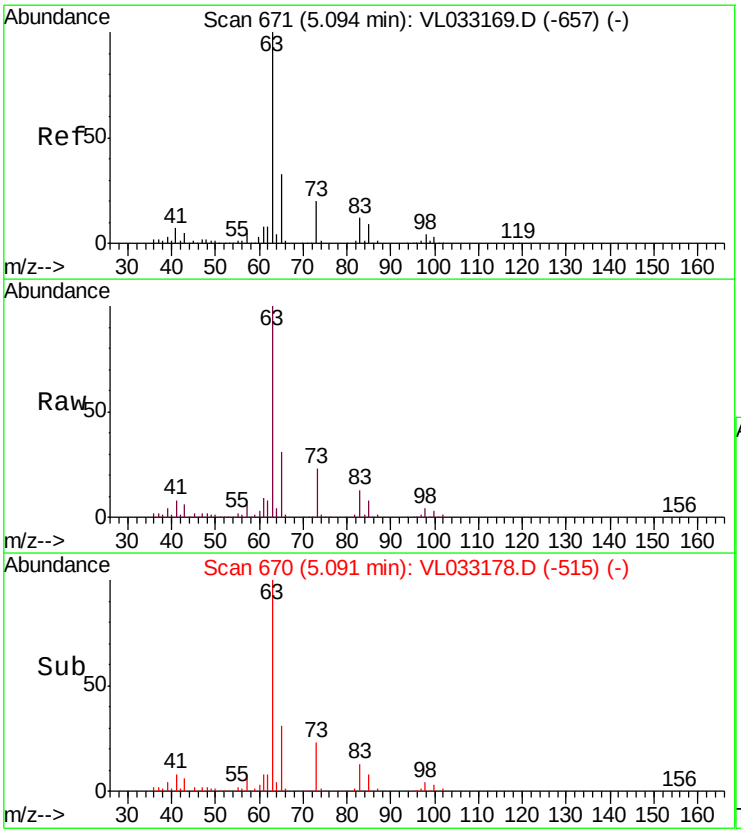

#23
Vinyl Acetate
Concen: 8.241 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 43 Resp: 1659519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.0 | 5.8 | 8.8 |
| 42 | 9.7 | 7.4 | 11.0 |
| 44 | 4.9 | 3.7 | 5.5 |

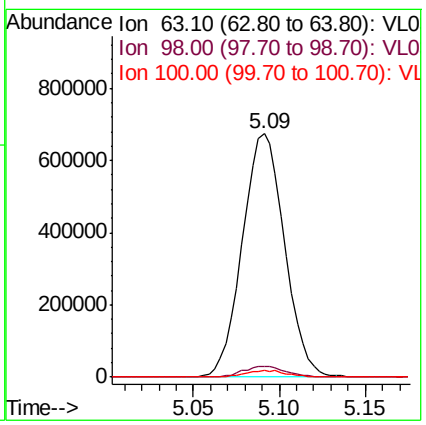


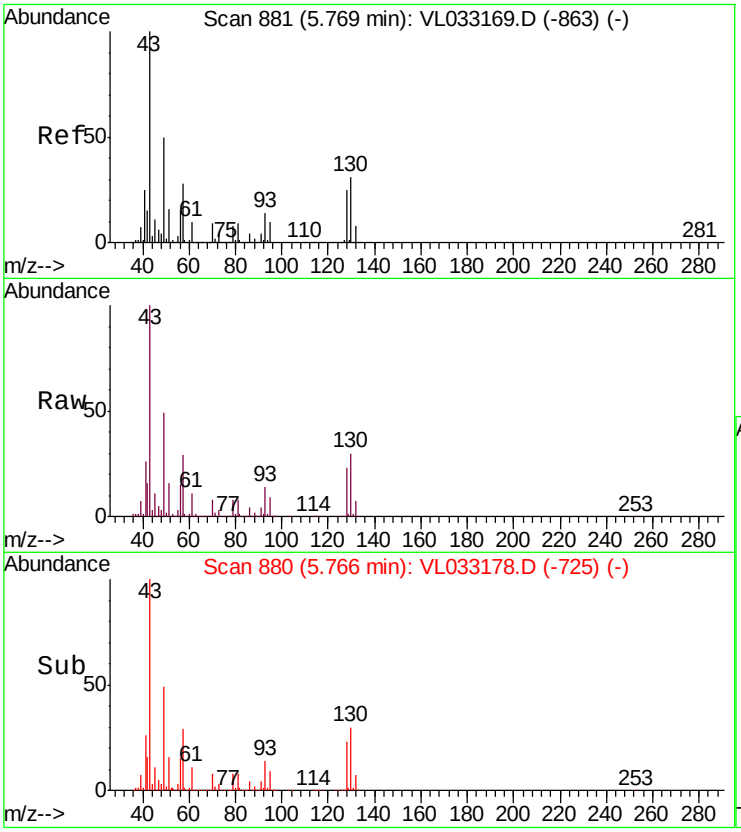




#24
1,1-Dichloroethane
Concen: 8.029 ppbv
RT: 5.09 min Scan# 670
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 63 Resp: 1143524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.2 | 2.1 | 6.5 |
| 100 | 2.9 | 1.4 | 4.2 |



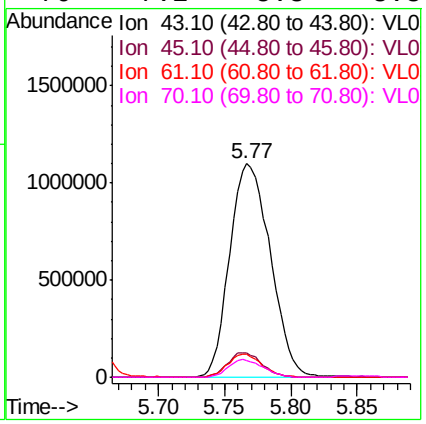


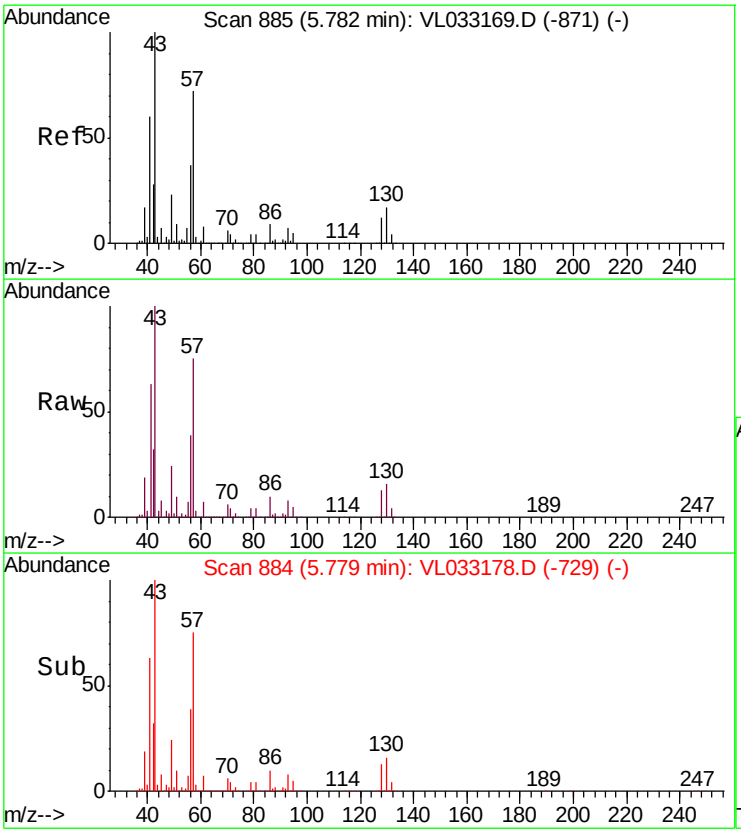

#25
Ethyl Acetate
Concen: 8.966 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 43 Resp: 2342188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.8 | 7.9 | 11.9 |
| 61 | 9.3 | 7.5 | 11.3 |
| 70 | 7.2 | 5.8 | 8.8 |

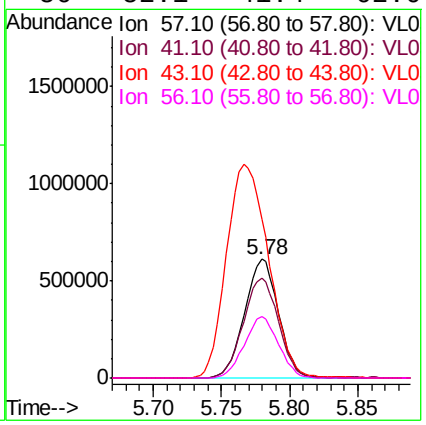


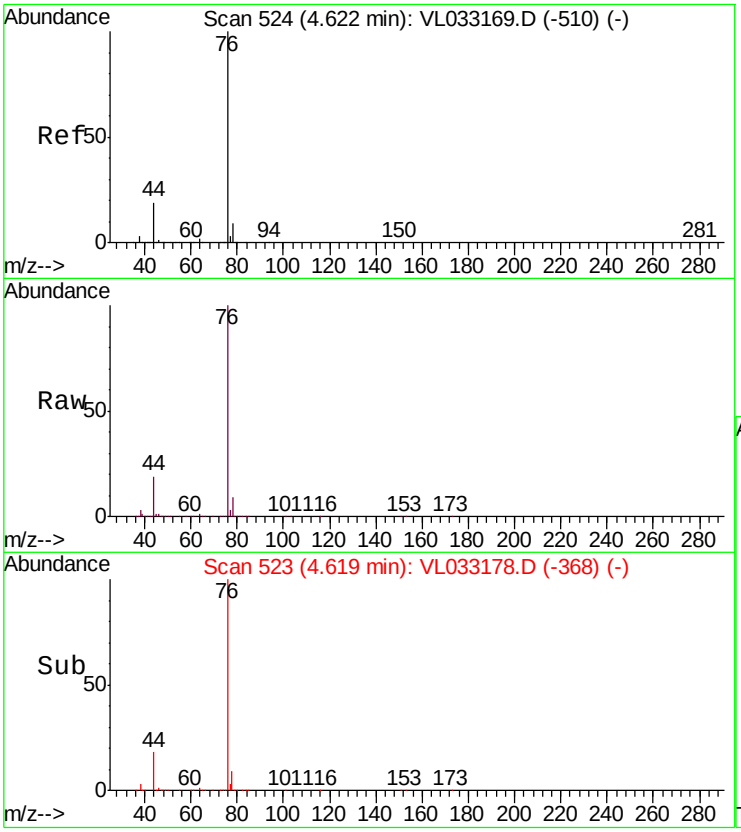




#26
Hexane
Concen: 8.554 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 57 Resp: 1049040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 87.7 | 69.4 | 104.2 |
| 43 | 224.9 | 176.7 | 265.1 |
| 56 | 52.1 | 41.4 | 62.0 |



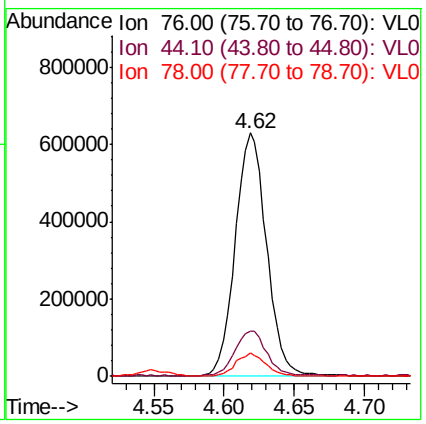


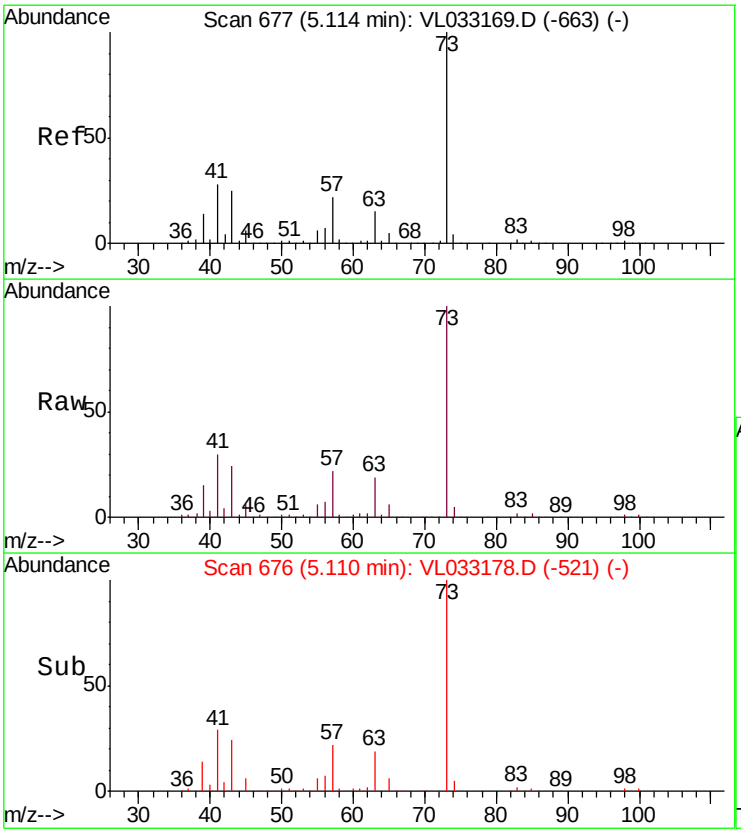

#27
Carbon Disulfide
Concen: 8.763 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 76 Resp: 984543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 18.6 | 15.0 | 22.4 |
| 78 | 9.2 | 7.4 | 11.0 |

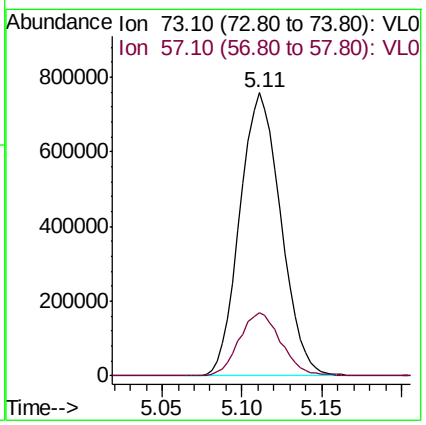


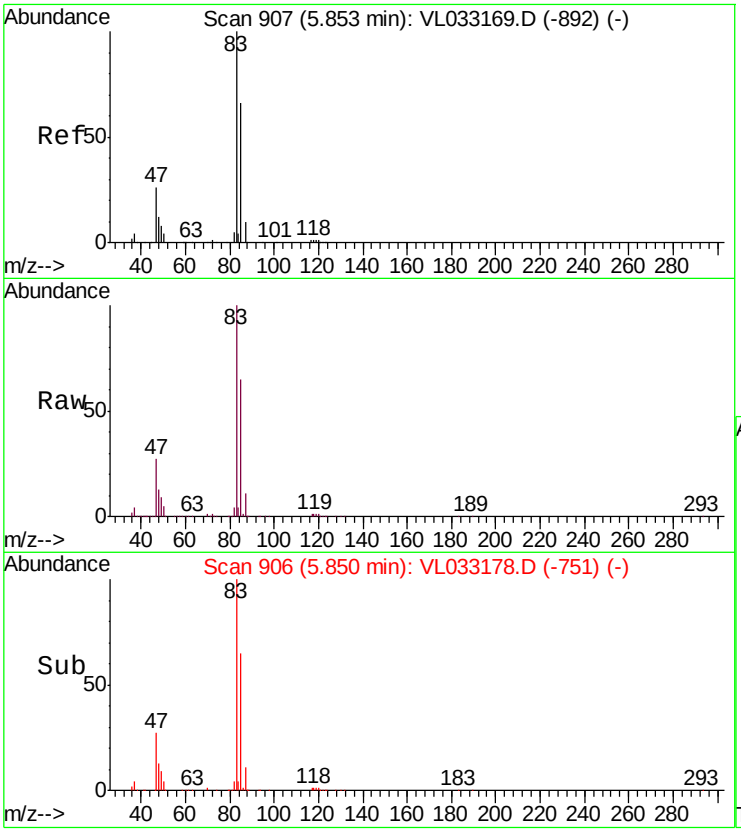




#28
Methyl tert-Butyl Ether
Concen: 7.933 ppbv
RT: 5.11 min Scan# 676
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 73 Resp: 1329418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.9 | 17.9 | 26.9 |



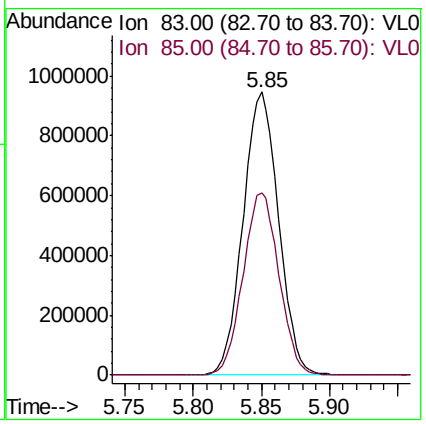


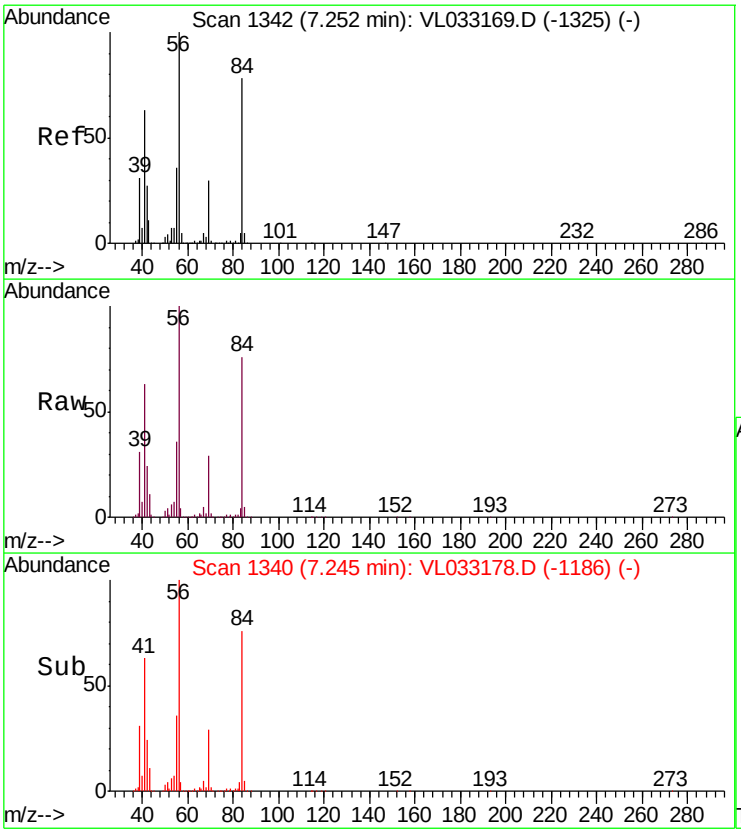

#29
Chloroform
Concen: 9.094 ppbv
RT: 5.85 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 83 Resp: 1709019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 52.6 | 78.8 |

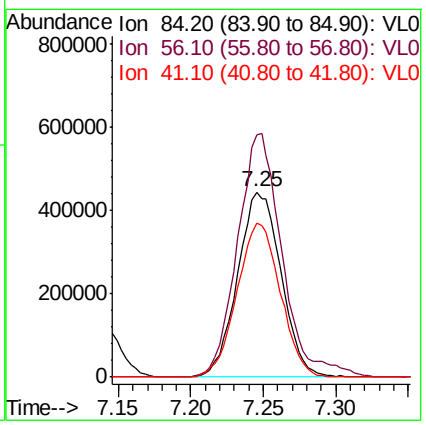


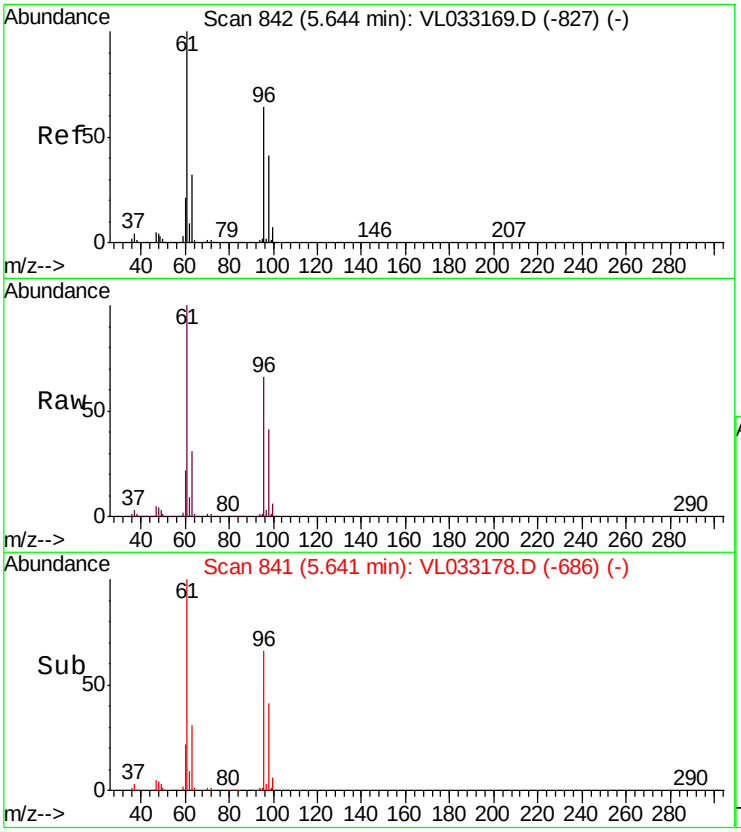




#30
Cyclohexane
Concen: 8.136 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 84 Resp: 925688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 135.6 | 109.5 | 164.3 |
| 41 | 83.1 | 66.6 | 100.0 |



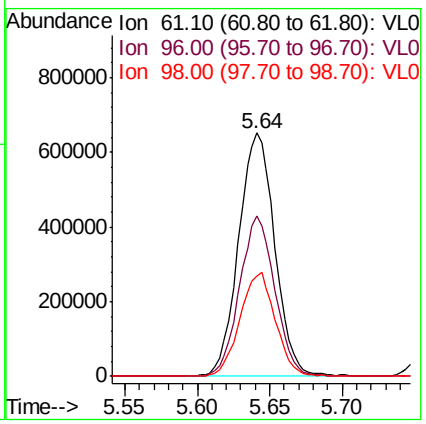


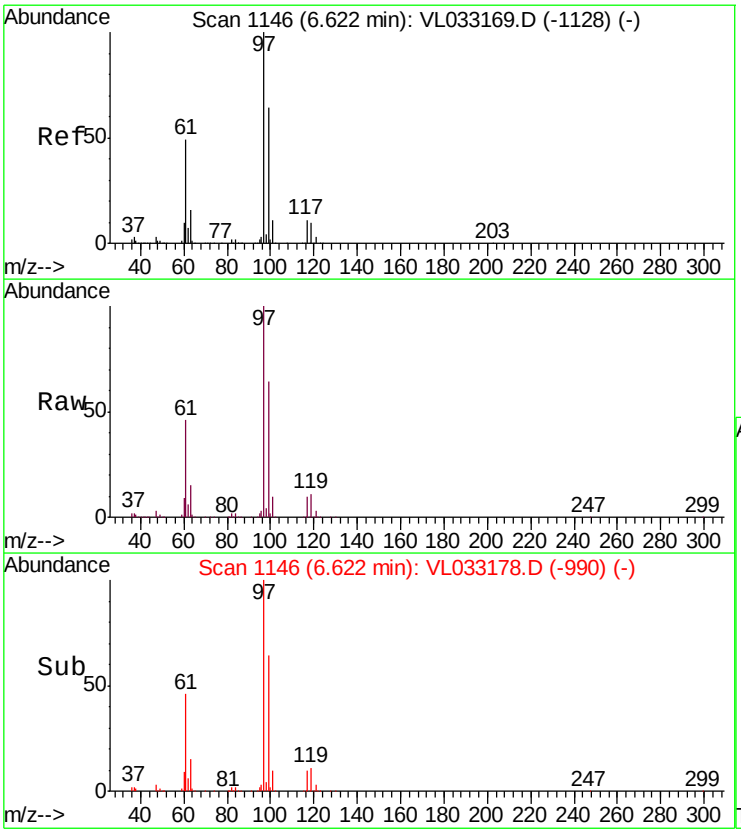

#31
cis-1,2-Dichloroethene
Concen: 9.205 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 61 Resp: 1129896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 65.9 | 51.2 | 76.8 |
| 98 | 41.1 | 32.8 | 49.2 |

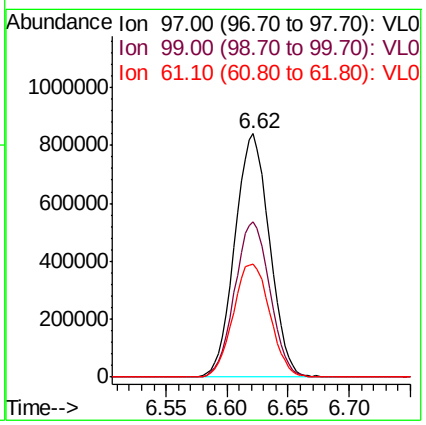


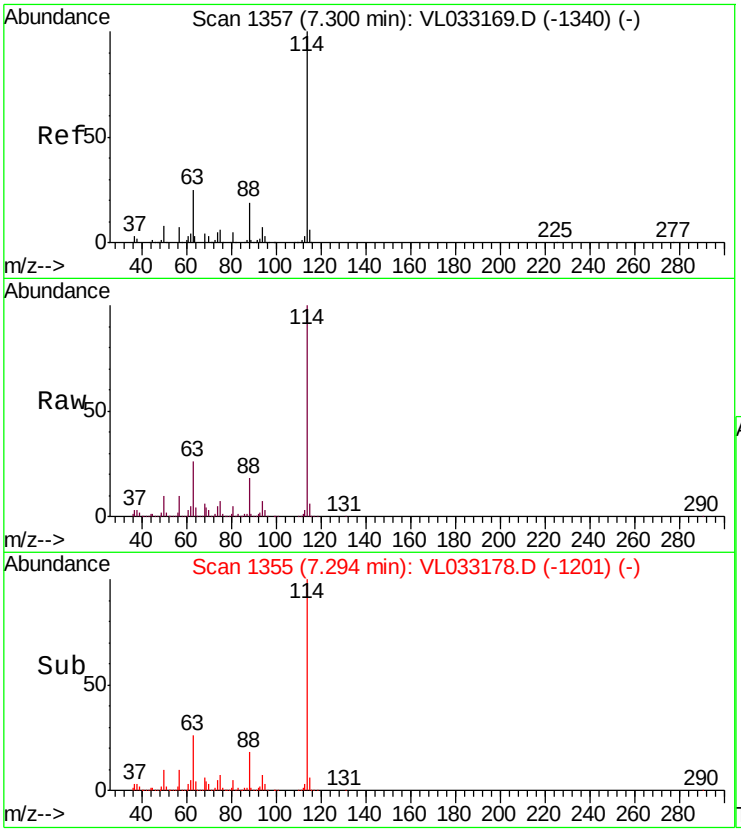




#32
1,1,1-Trichloroethane
Concen: 7.978 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 97 Resp: 1650864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.8 | 51.4 | 77.2 |
| 61 | 49.3 | 38.8 | 58.2 |



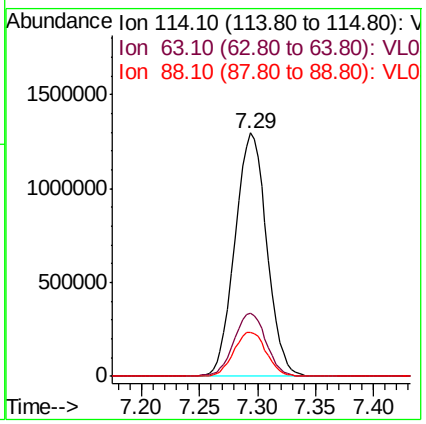


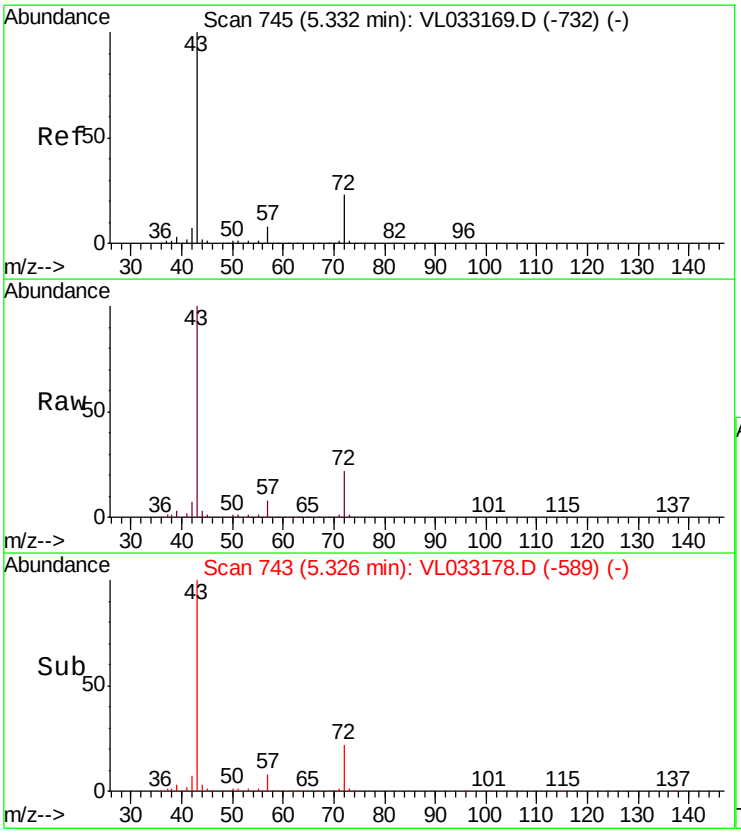

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:114 Resp: 2471673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.4 | 20.8 | 31.2 |
| 88 | 18.6 | 14.6 | 22.0 |

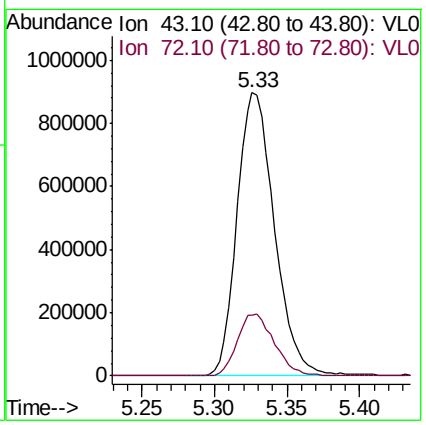


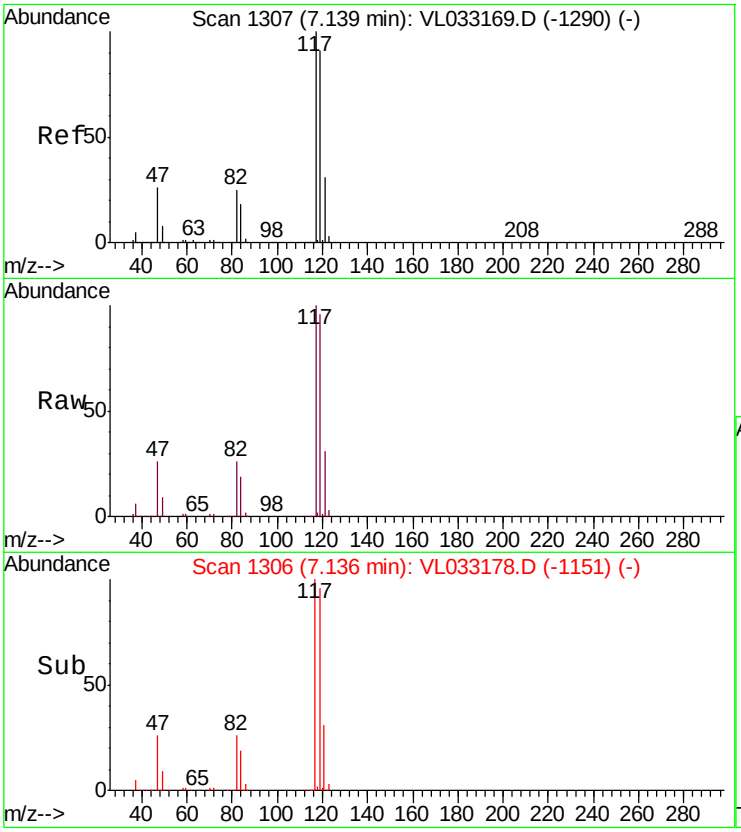




#34
2-Butanone
Concen: 10.188 ppbv
RT: 5.33 min Scan# 743
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 43 Resp: 1597311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.9 | 17.8 | 26.6 |



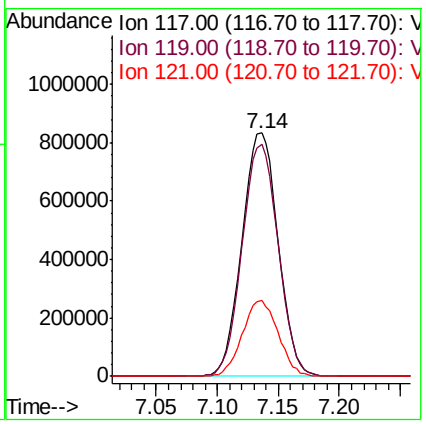


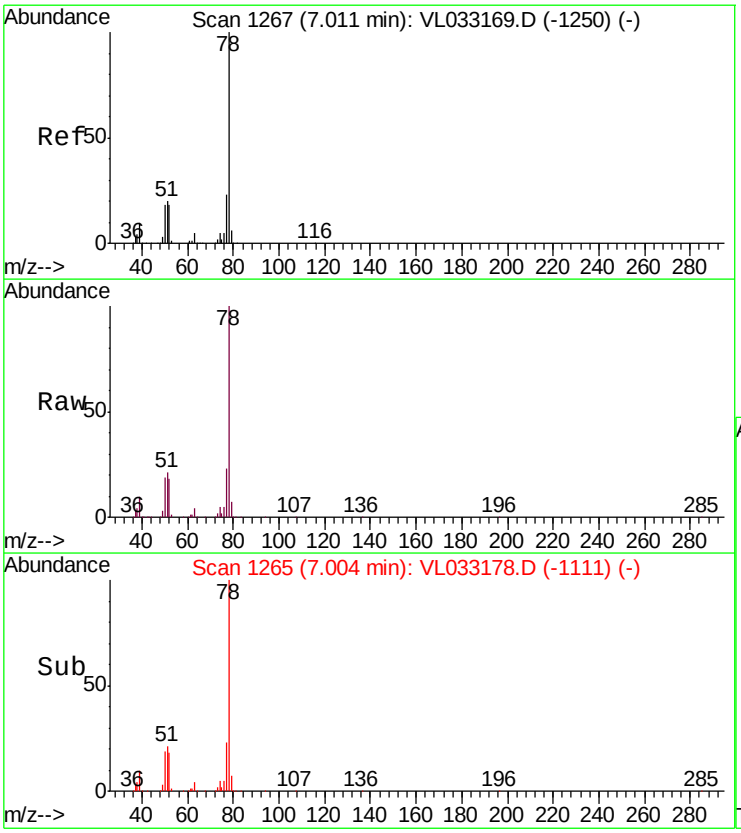

#35
Carbon Tetrachloride
Concen: 9.012 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:117 Resp: 1701145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 73.0 | 109.6 |
| 121 | 30.9 | 25.1 | 37.7 |

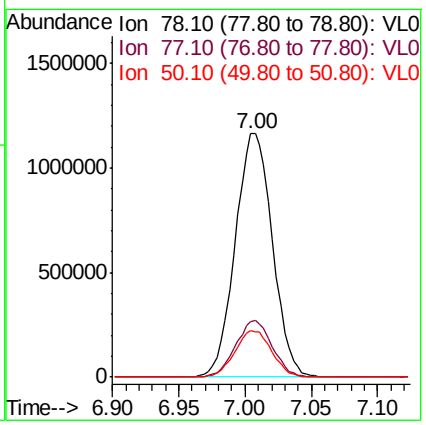


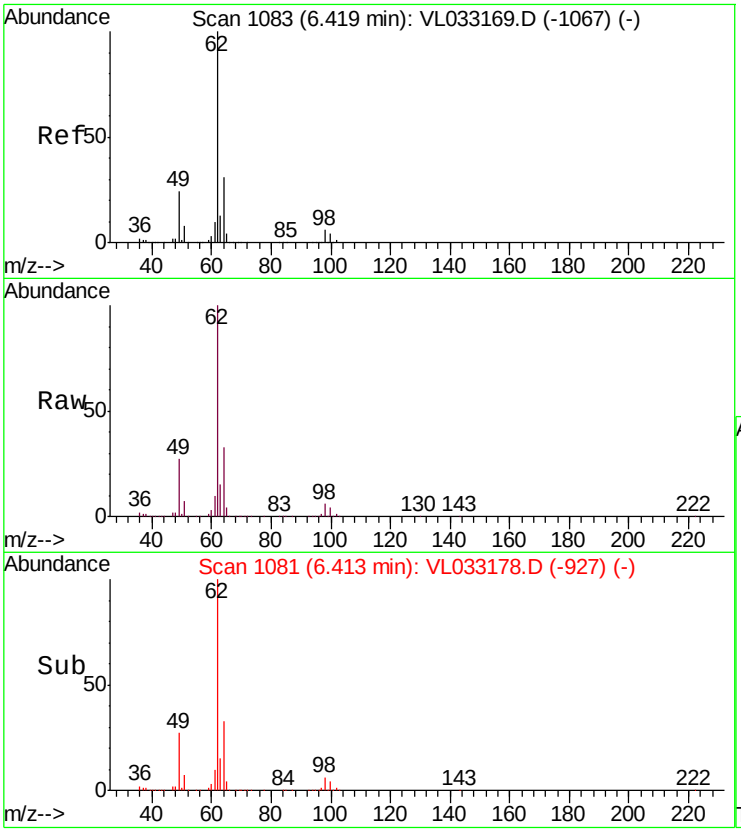




#36
Benzene
Concen: 9.049 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 78 Resp: 2266856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.6 | 18.0 | 27.0 |
| 50 | 18.9 | 14.2 | 21.2 |



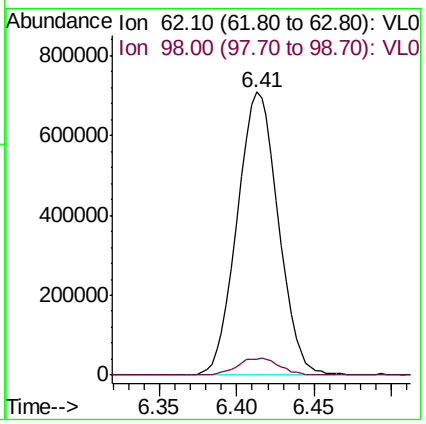


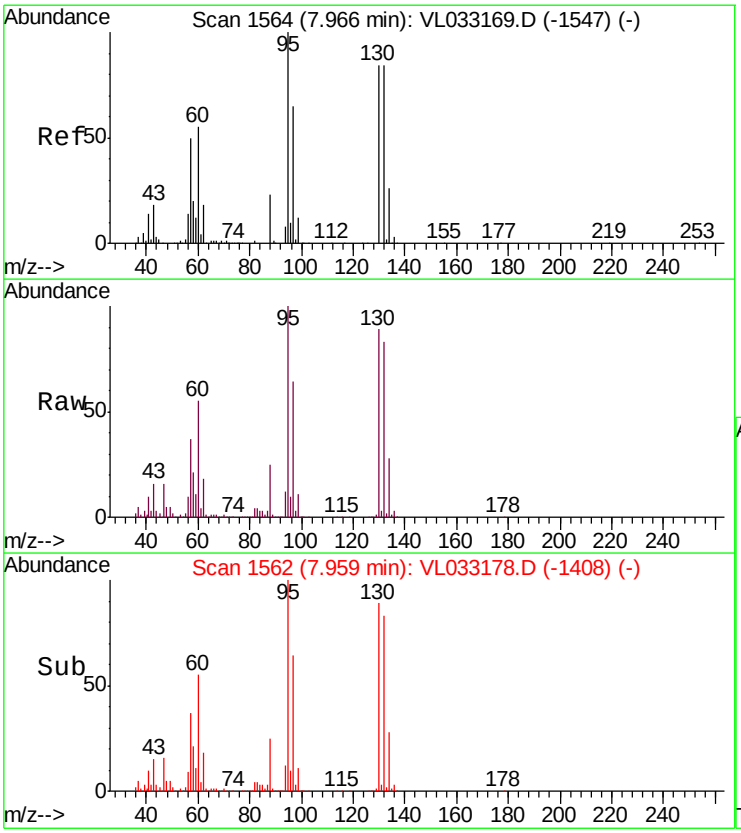

#37
1,2-Dichloroethane
Concen: 9.447 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 62 Resp: 1311451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.1 | 4.7 | 7.1 |

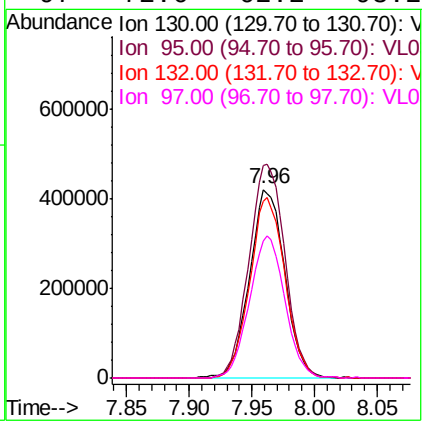


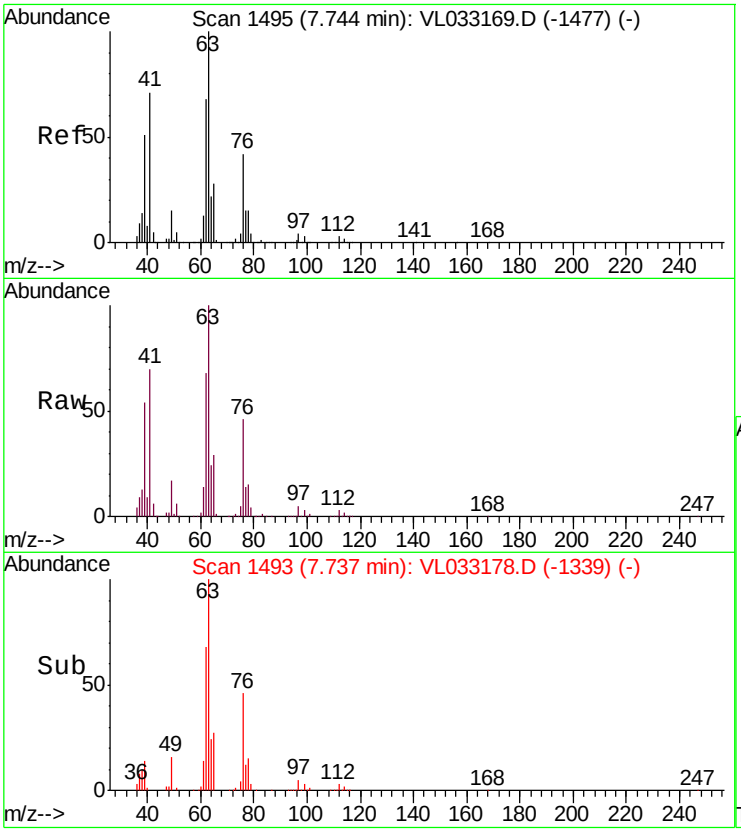




#38
Trichloroethene
Concen: 7.698 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:130 Resp: 823979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 112.5 | 95.5 | 143.3 |
| 132 | 93.6 | 80.0 | 120.0 |
| 97 | 72.6 | 62.2 | 93.2 |



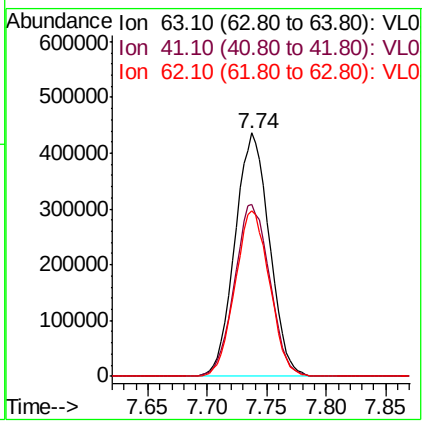


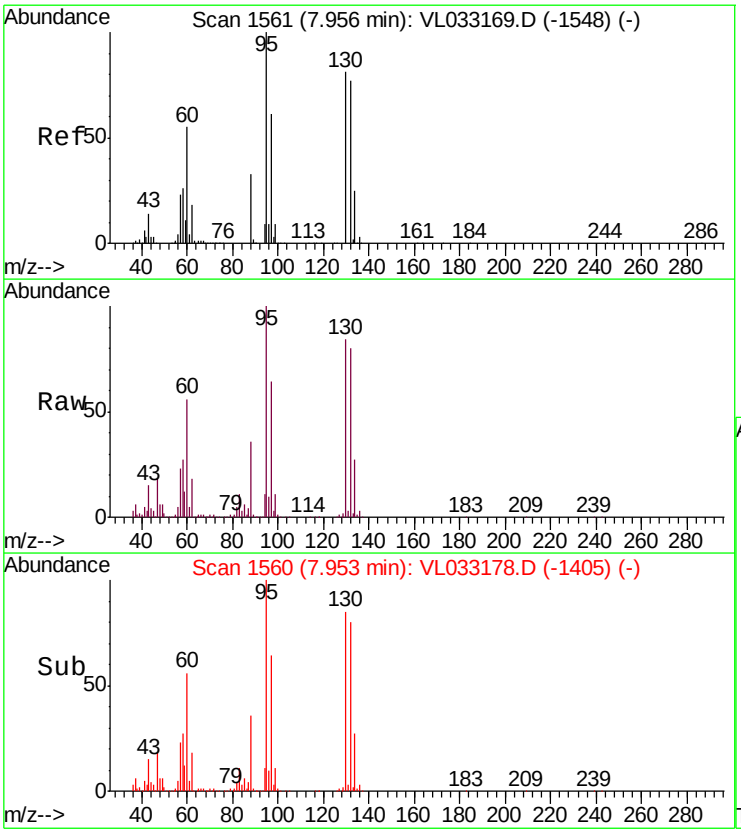

#39
1,2-Dichloropropane
Concen: 8.858 ppbv
RT: 7.74 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 63 Resp: 876267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 70.4 | 56.4 | 84.6 |
| 62 | 67.9 | 54.2 | 81.4 |

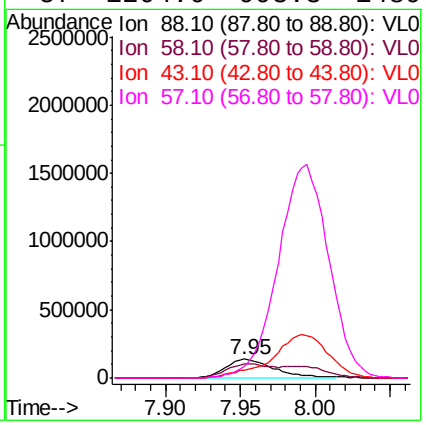


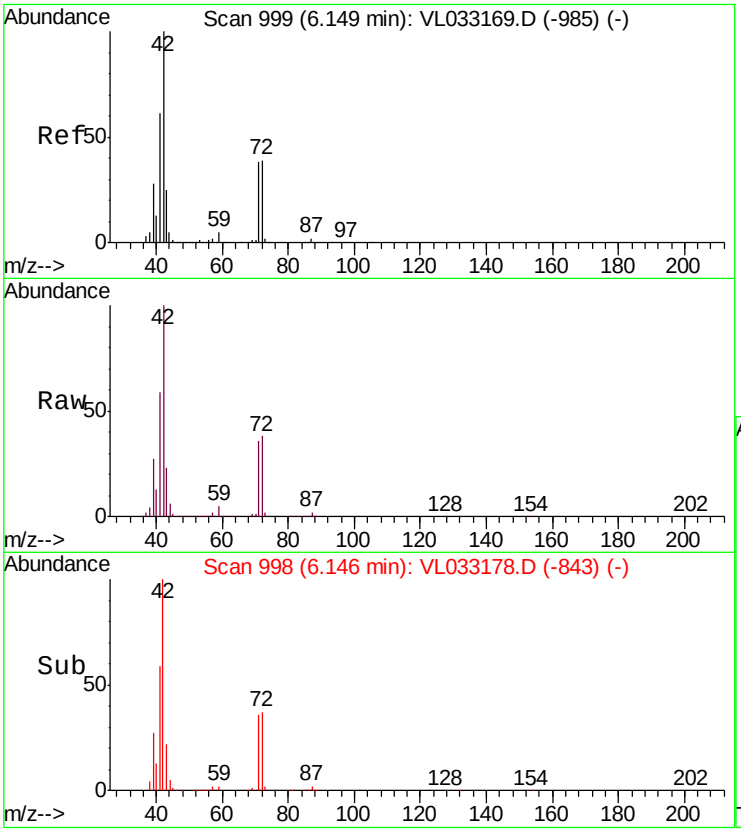




#40
1,4-Dioxane
Concen: 8.714 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 88 Resp: 306095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 130.2 | 106.4 | 159.6 |
| 43 | 269.7 | 219.6 | 329.4 |
| 57 | 1204.6 | 993.3 | 1489.9 |



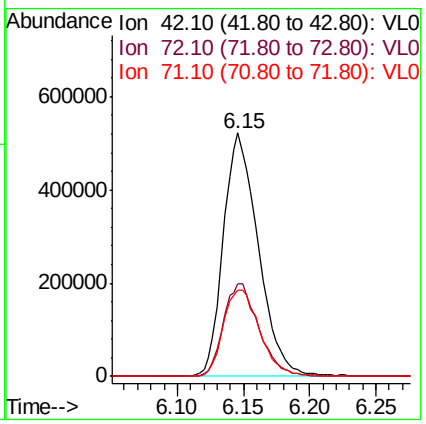


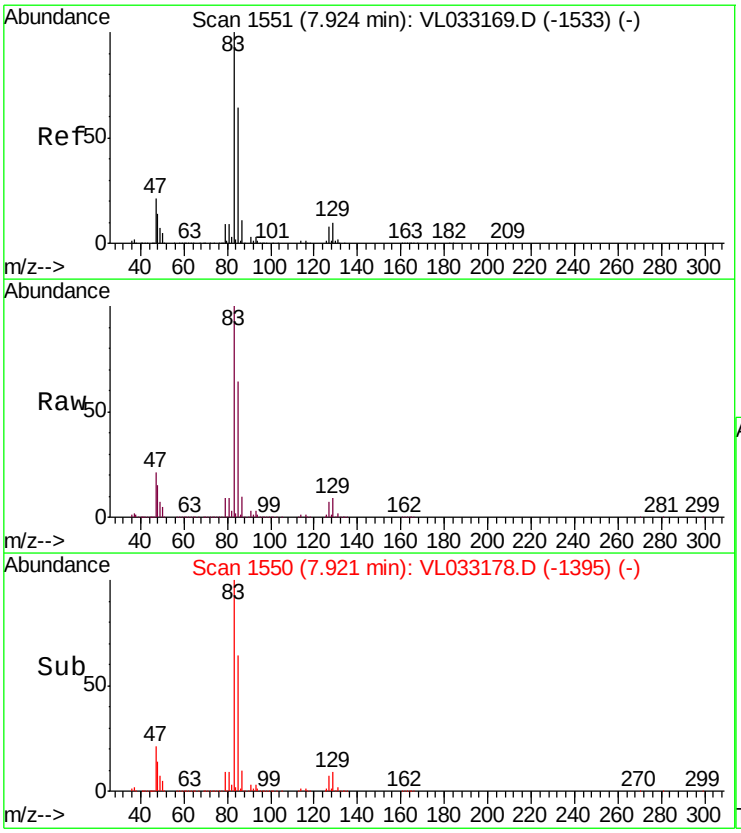

#41
Tetrahydrofuran
Concen: 9.838 ppbv
RT: 6.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 42 Resp: 953484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.9 | 31.4 | 47.2 |
| 71 | 37.2 | 30.2 | 45.2 |

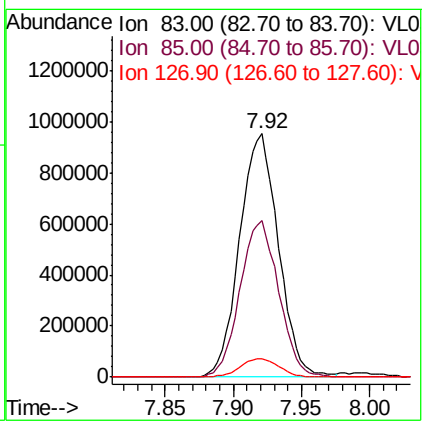


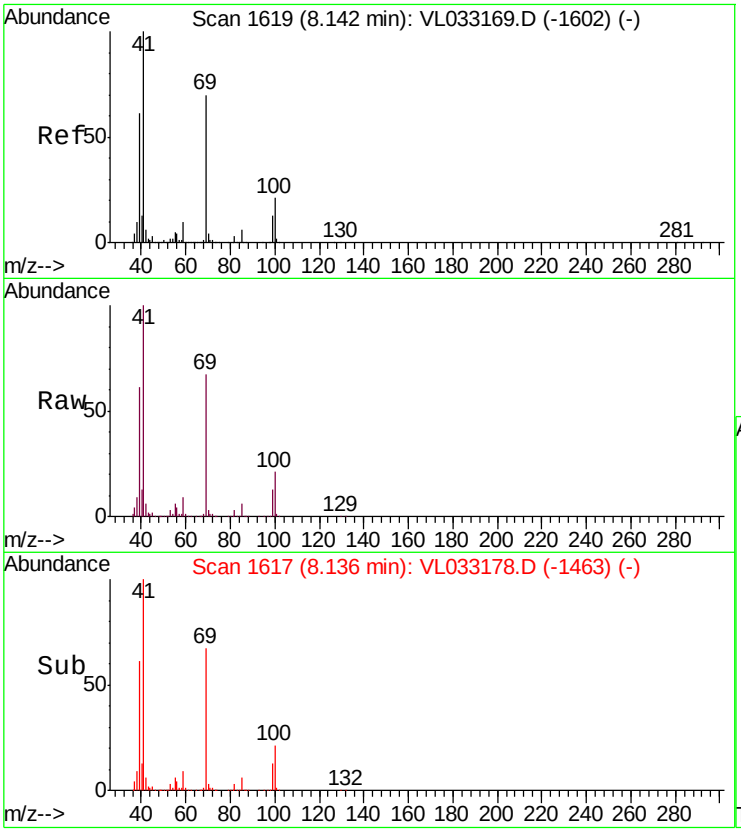




#42
Bromodichloromethane
Concen: 9.350 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 83 Resp: 1881115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 51.1 | 76.7 |
| 127 | 7.3 | 6.4 | 9.6 |



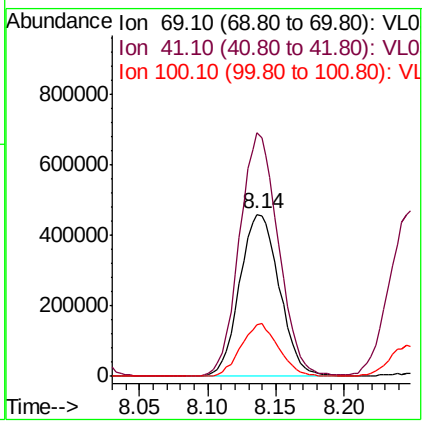


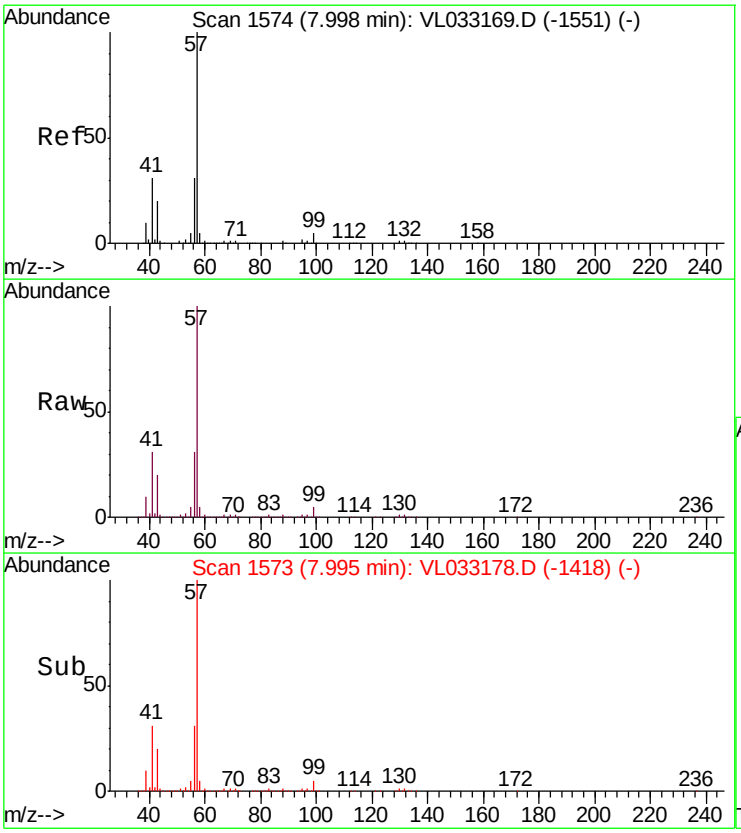

#43
Methyl Methacrylate
Concen: 9.243 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 69 Resp: 929509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 147.0 | 117.1 | 175.7 |
| 100 | 30.9 | 25.0 | 37.6 |

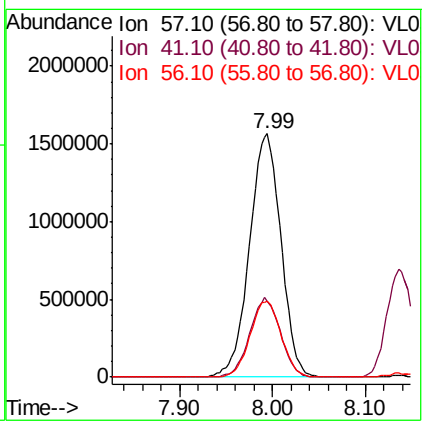


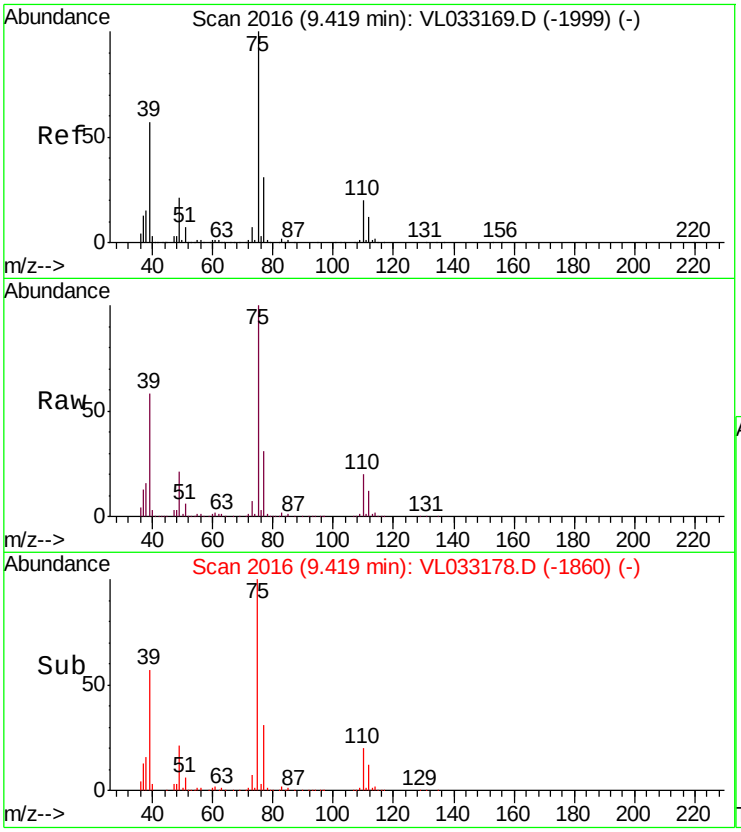




#44
2,2,4-Trimethylpentane
Concen: 8.682 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 57 Resp: 3685549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 31.5 | 25.2 | 37.8 |
| 56 | 30.8 | 24.5 | 36.7 |



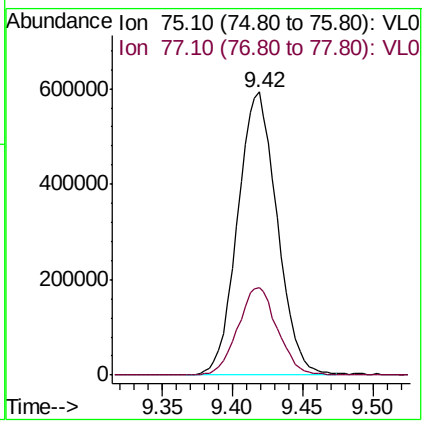


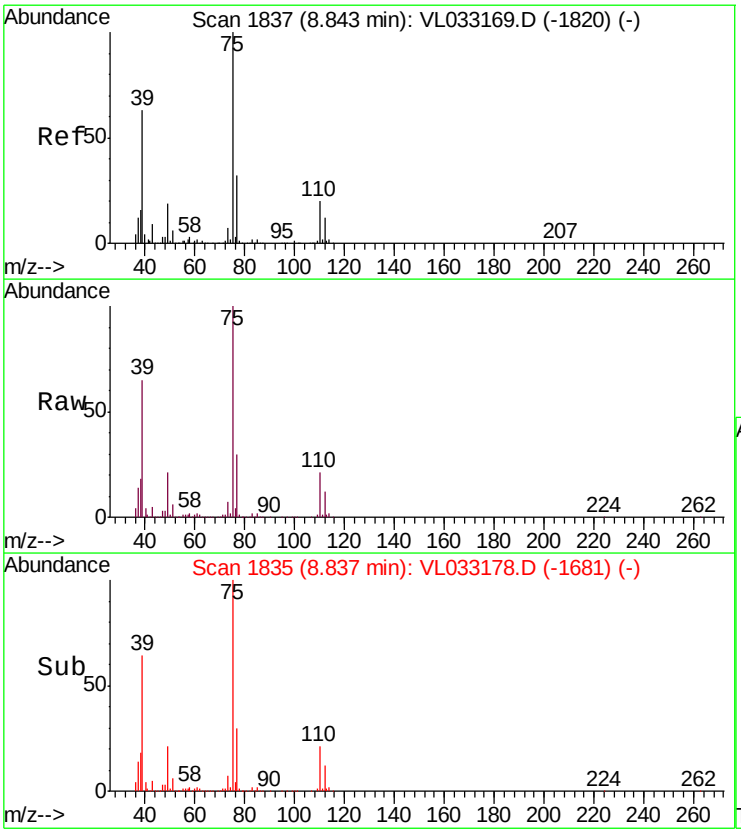

#45
t-1,3-Dichloropropene
Concen: 10.443 ppbv
RT: 9.42 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 75 Resp: 1162962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 25.0 | 37.4 |

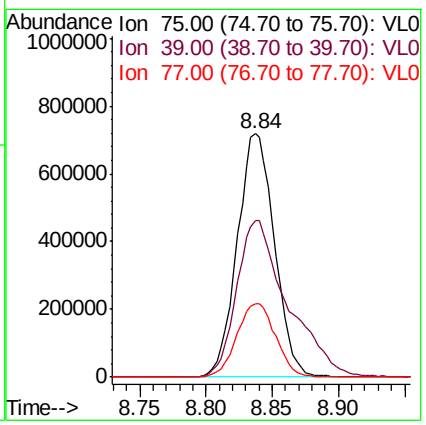


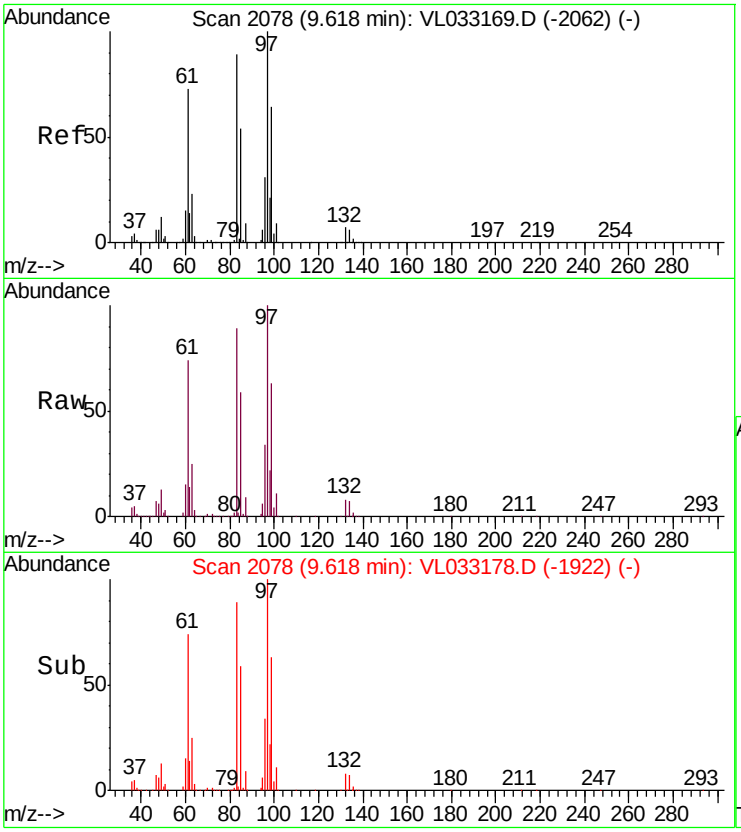




#46
cis-1,3-Dichloropropene
Concen: 9.864 ppbv
RT: 8.84 min Scan# 1835
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 75 Resp: 1403730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 64.4 | 50.1 | 75.1 |
| 77 | 30.0 | 25.4 | 38.2 |



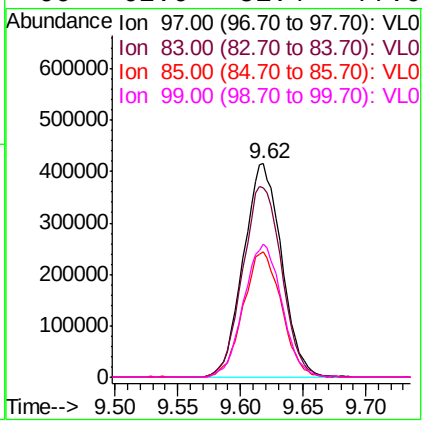


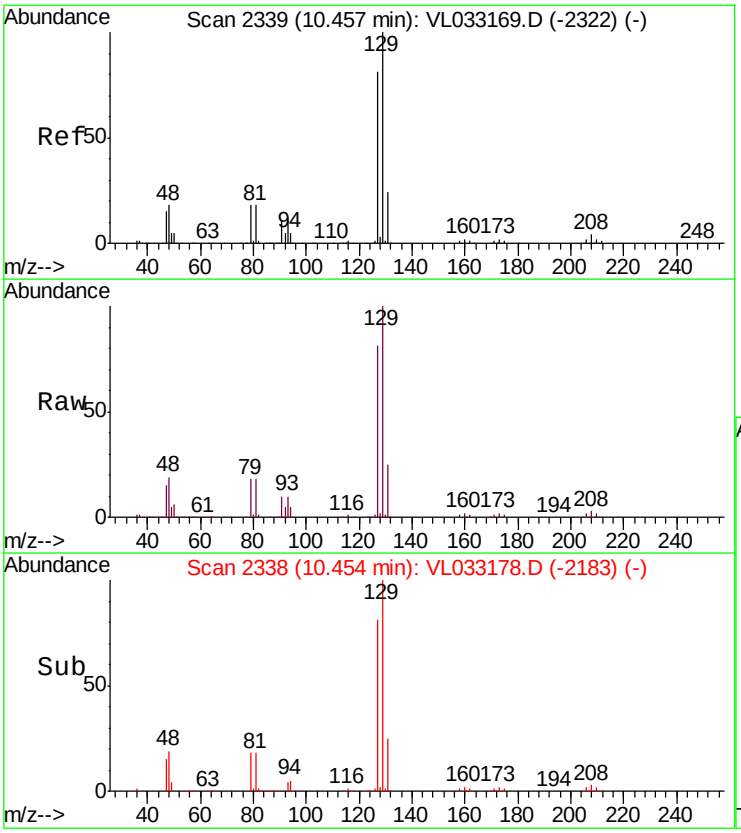

#47
1,1,2-Trichloroethane
Concen: 8.593 ppbv
RT: 9.62 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 97 Resp: 881585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.7 | 71.4 | 107.2 |
| 85 | 58.8 | 43.5 | 65.3 |
| 99 | 62.6 | 51.4 | 77.0 |

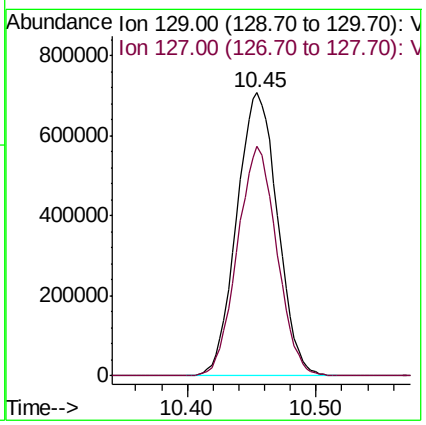


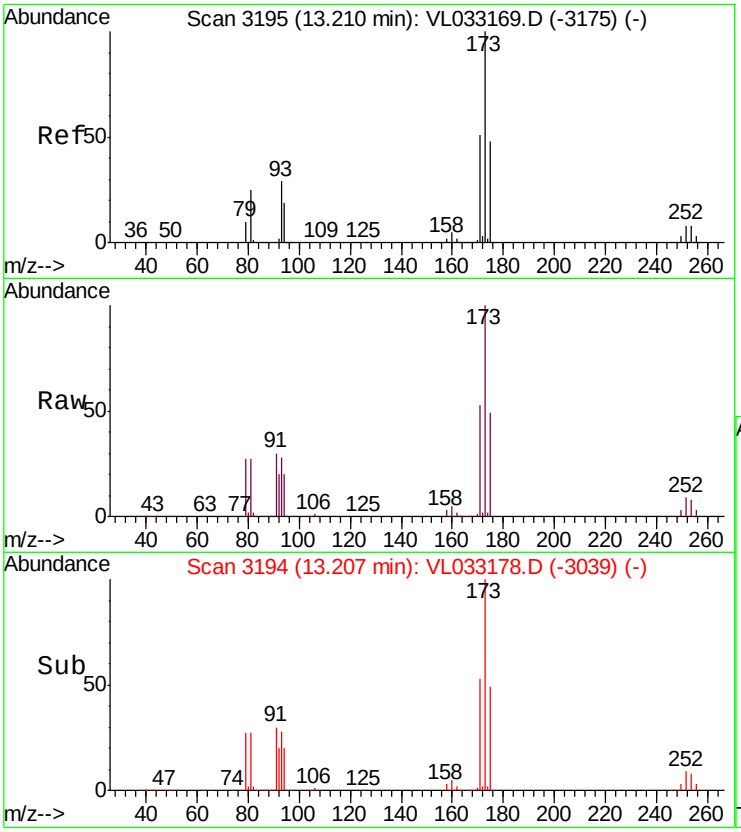




#48
Dibromochloromethane
Concen: 9.636 ppbv
RT: 10.45 min Scan# 2338
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:129 Resp: 1557483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.7 | 39.1 | 117.3 |



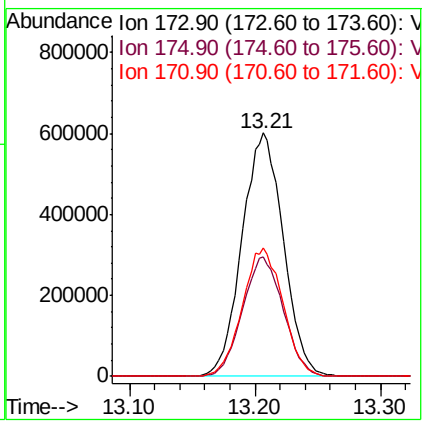


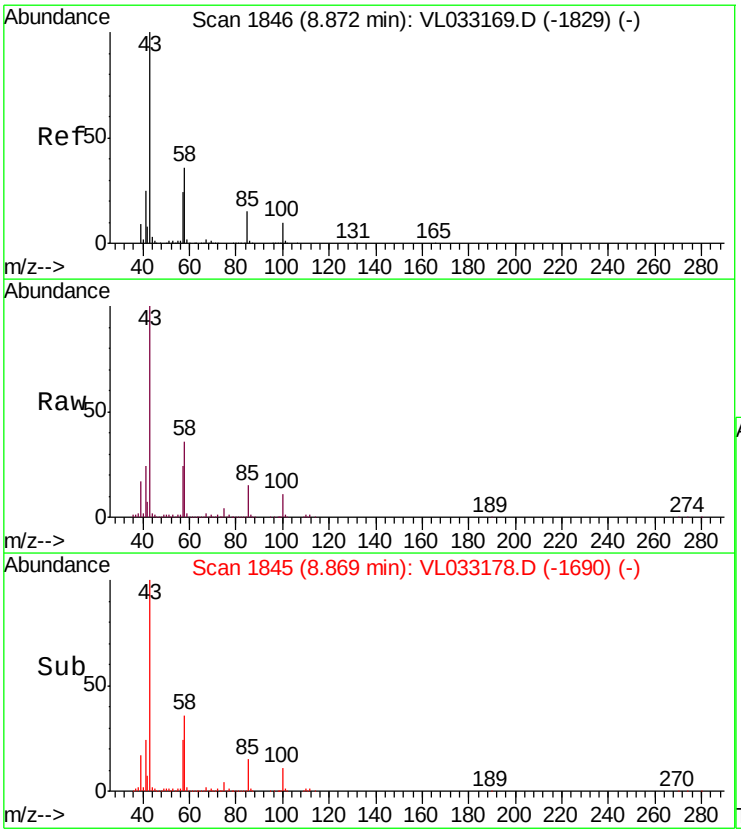

#49
Bromoform
Concen: 9.856 ppbv
RT: 13.21 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:173 Resp: 1370814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 38.6 | 58.0 |
| 171 | 51.9 | 41.6 | 62.4 |

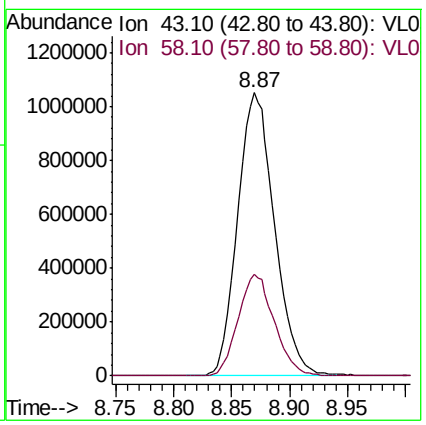


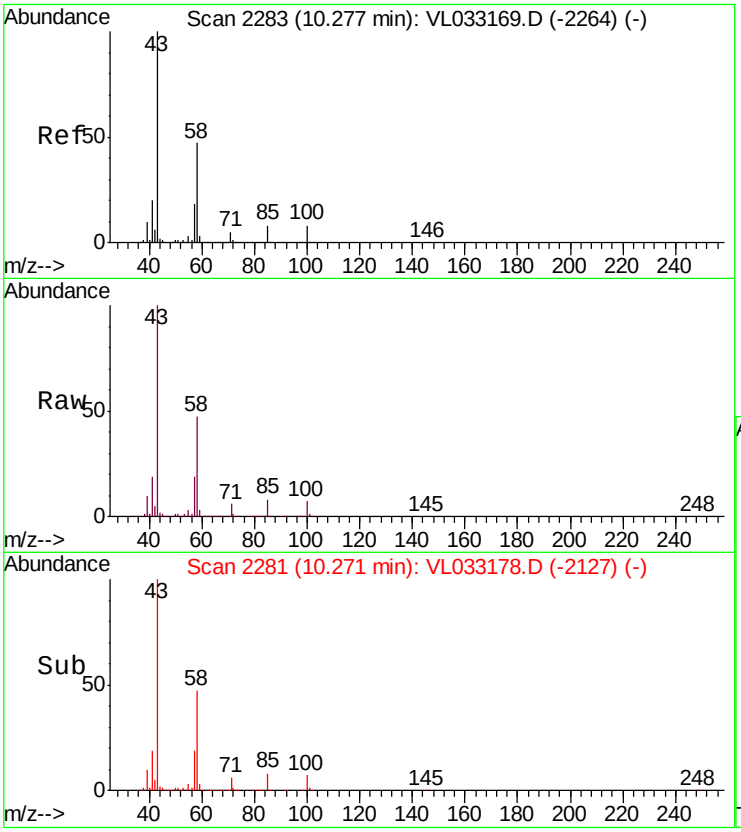




#50
4-Methyl-2-Pentanone
Concen: 9.228 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 43 Resp: 2319908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.3 | 29.0 | 43.6 |



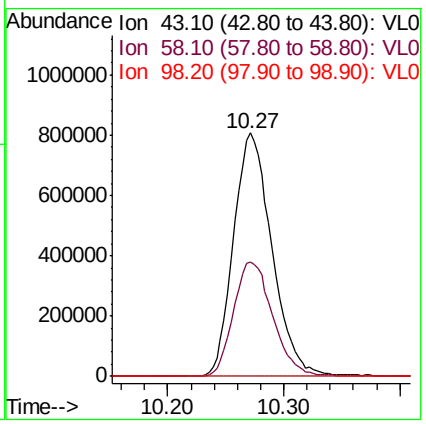


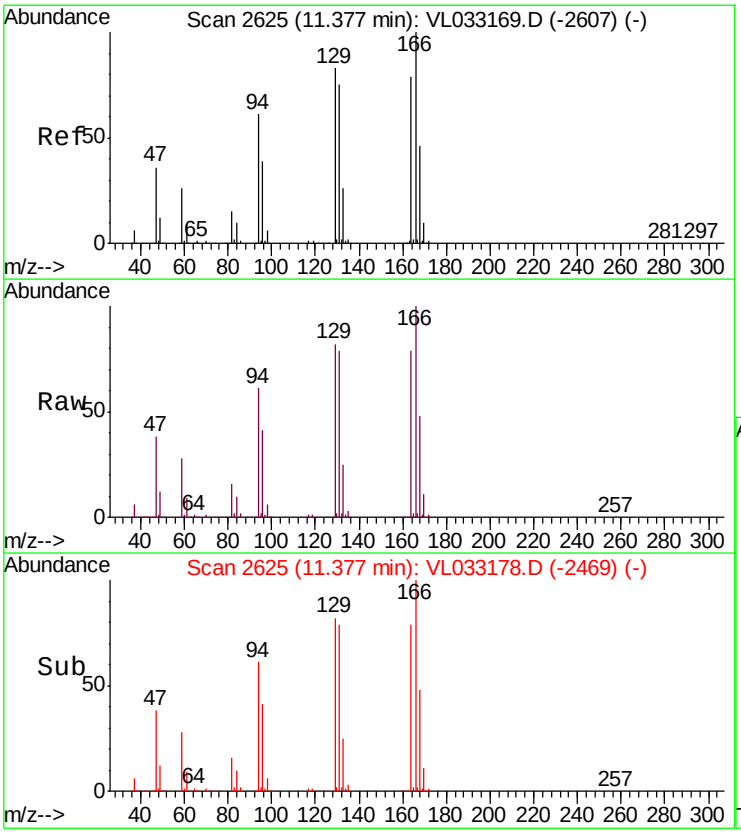

#51
2-Hexanone
Concen: 9.318 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 43 Resp: 1847112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 48.5 | 39.0 | 58.6 |
| 98 | 0.2 | 0.1 | 0.1# |

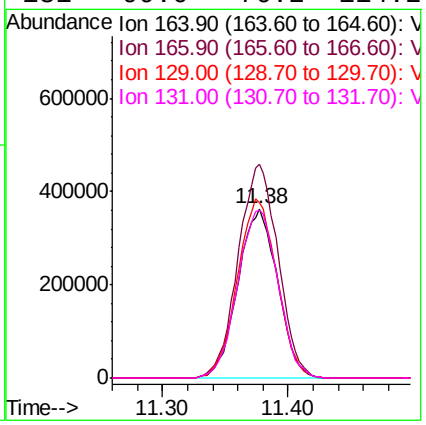


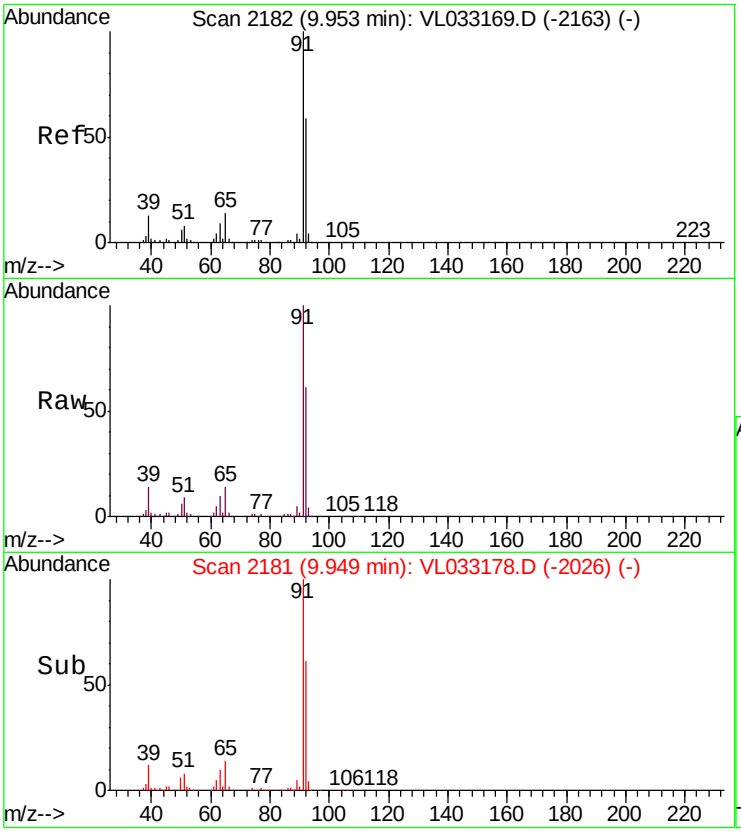




#52
Tetrachloroethene
Concen: 8.260 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:164 Resp: 794906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.9 | 100.9 | 151.3 |
| 129 | 103.4 | 83.9 | 125.9 |
| 131 | 99.0 | 76.2 | 114.2 |



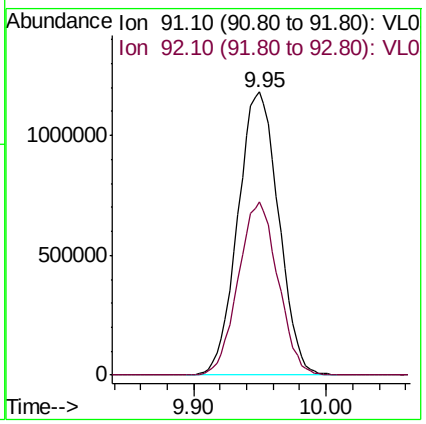


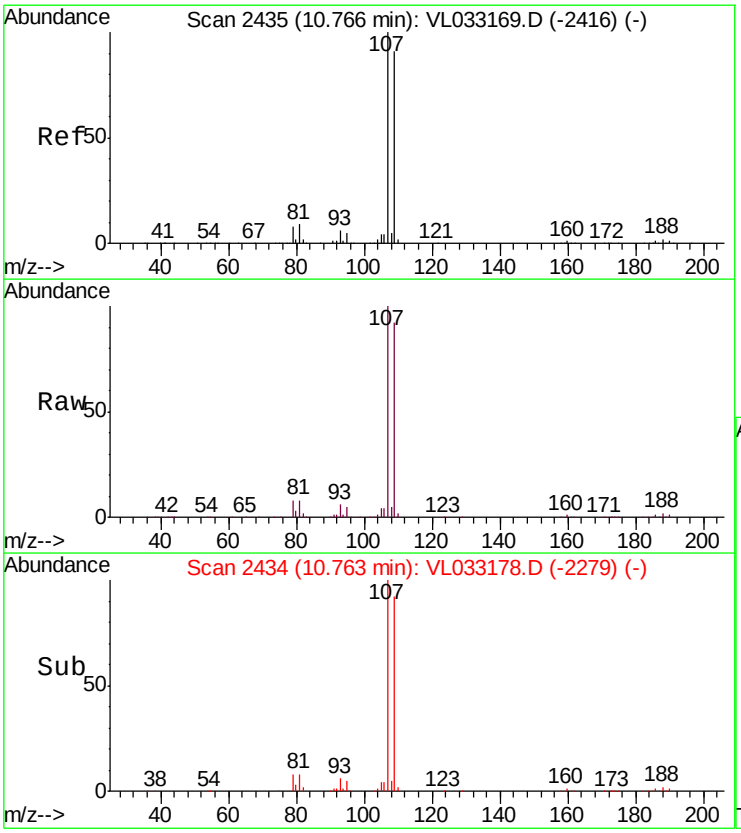

#53
Toluene
Concen: 8.525 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 91 Resp: 2528719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.6 | 48.0 | 72.0 |

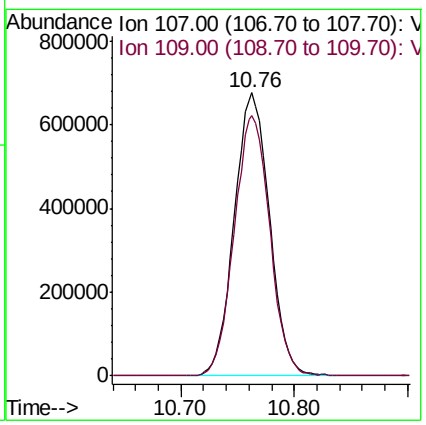


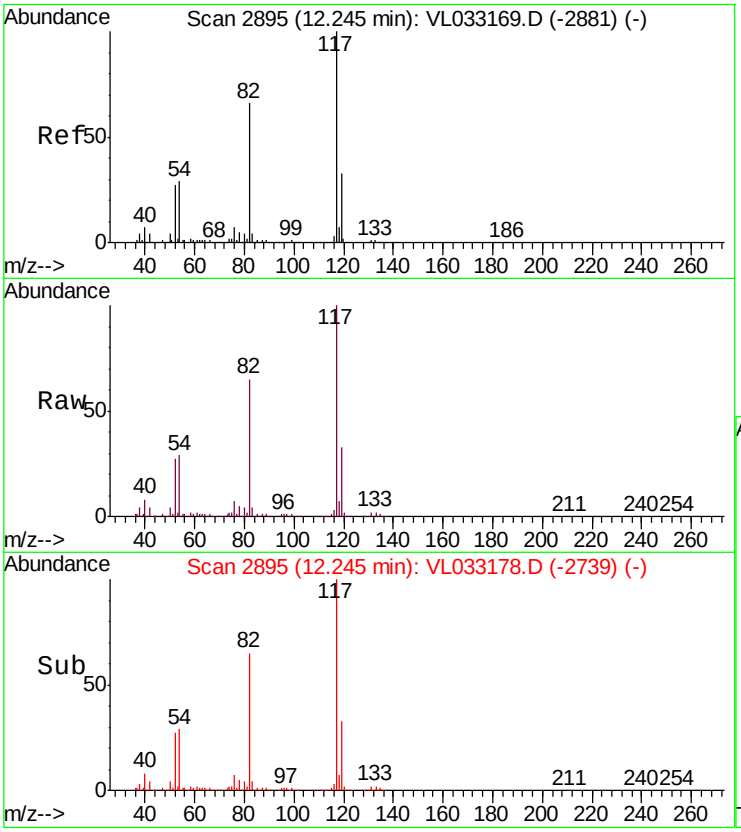




#54
1,2-Dibromoethane
Concen: 9.103 ppbv
RT: 10.76 min Scan# 2434
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:107 Resp: 1465548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 91.8 | 73.2 | 109.8 |



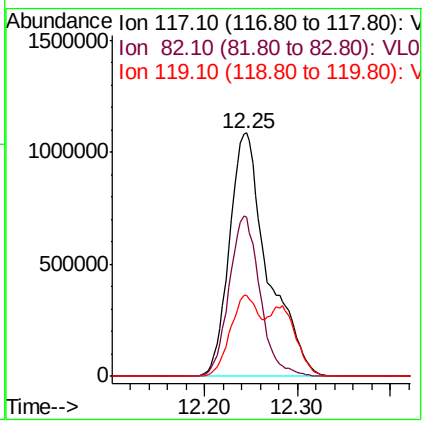


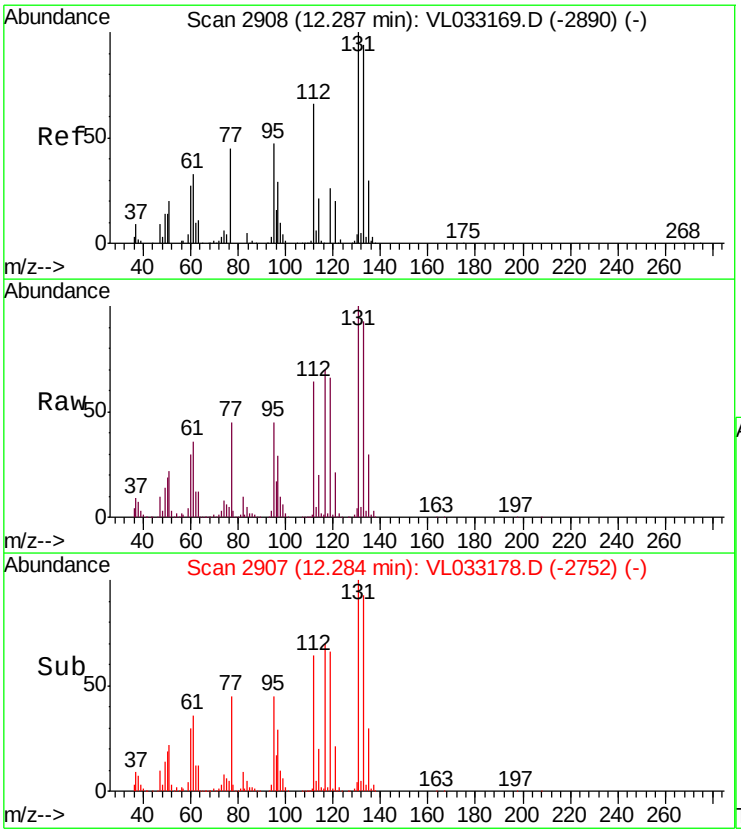

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion:117 Resp: 3118888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.1 | 53.8 | 80.8# |
| 119 | 25.9 | 46.9 | 70.3# |

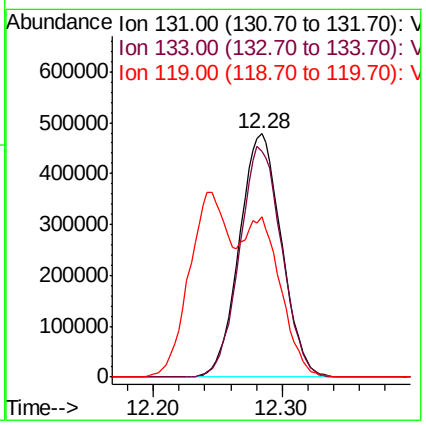


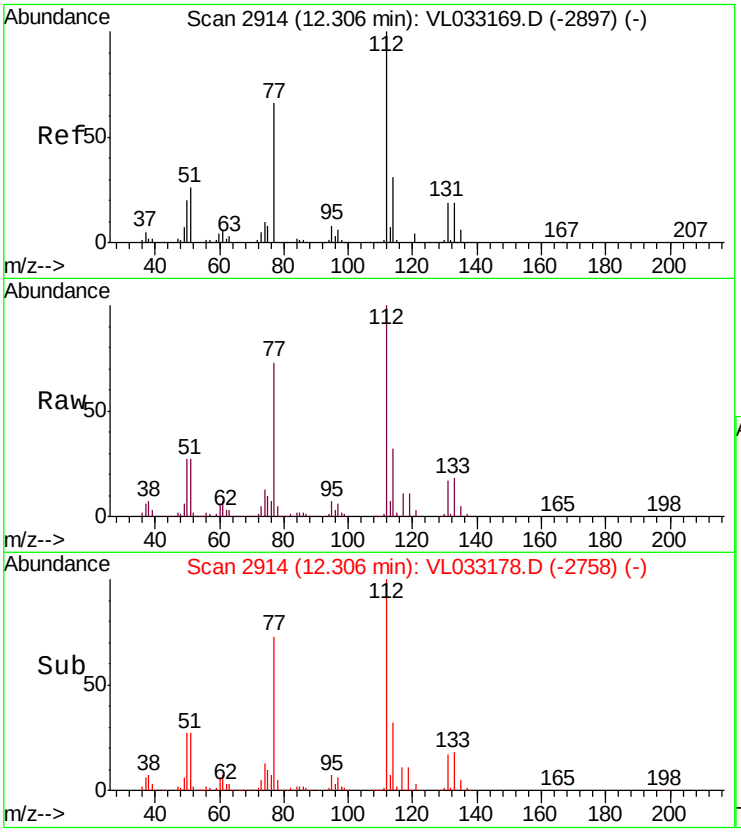




#56
1,1,1,2-Tetrachloroethane
Concen: 7.482 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:131 Resp: 1086835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.9 | 75.8 | 113.6 |
| 119 | 54.9 | 48.1 | 72.1 |



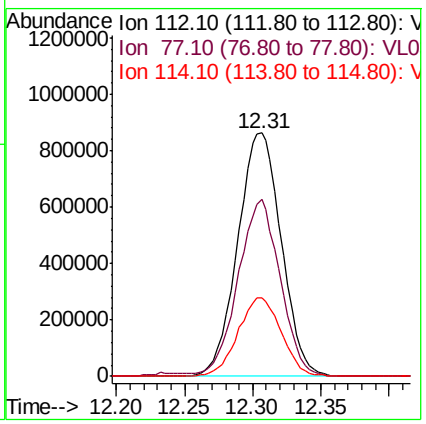


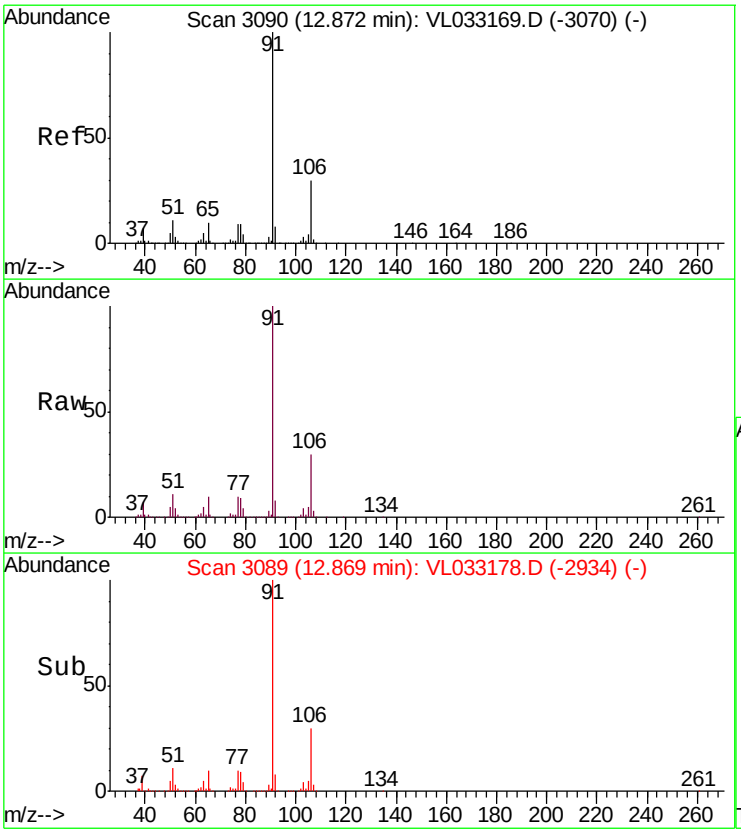

#57
Chlorobenzene
Concen: 6.917 ppbv
RT: 12.31 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion:112 Resp: 1909052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 72.4 | 54.0 | 81.0 |
| 114 | 32.3 | 27.9 | 34.1 |

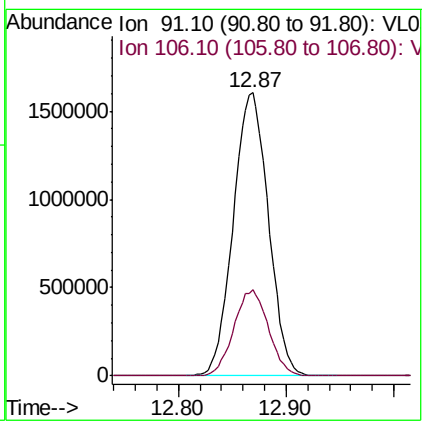


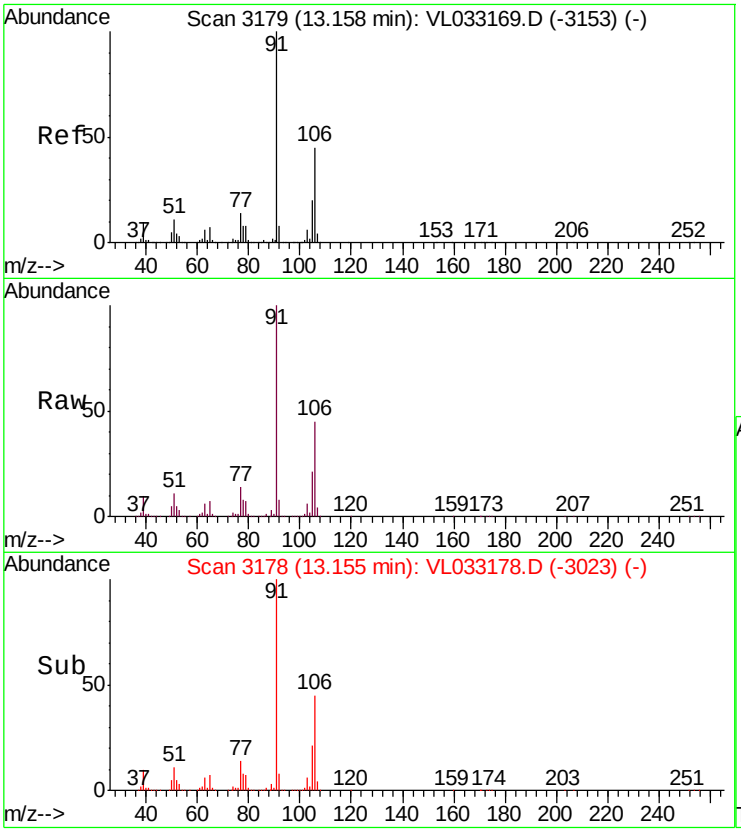




#58
Ethyl Benzene
Concen: 7.105 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 91 Resp: 3637211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 23.8 | 35.8 |



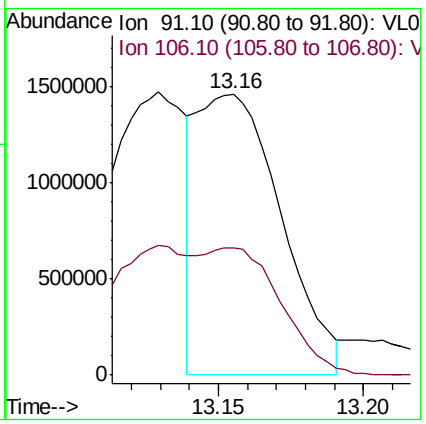


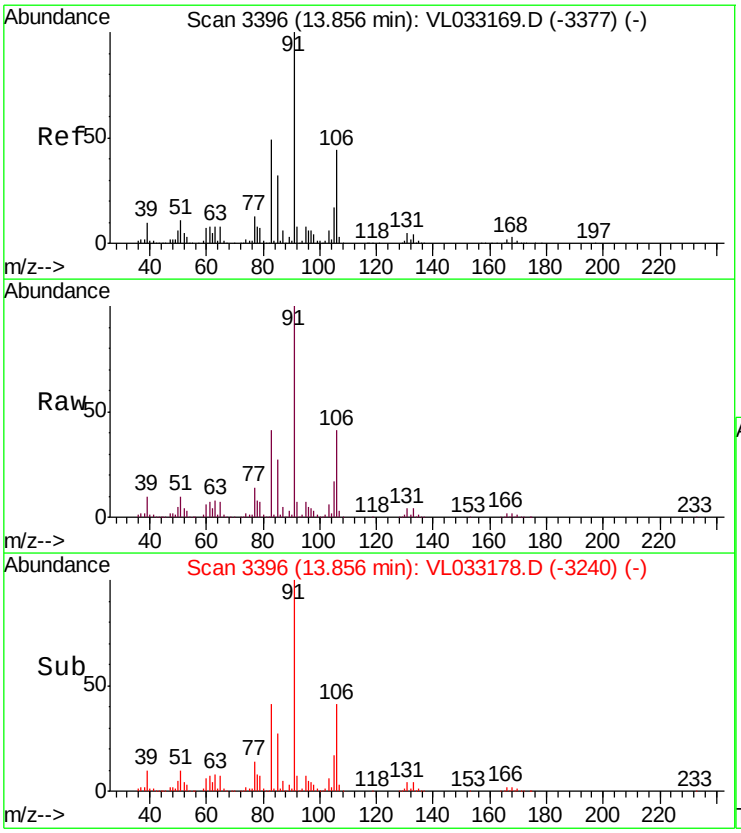

#59
m/p-Xylene
Concen: 6.903 ppbv
RT: 13.16 min Scan# 3178
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 91 Resp: 2939485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 36.6 | 55.0# |

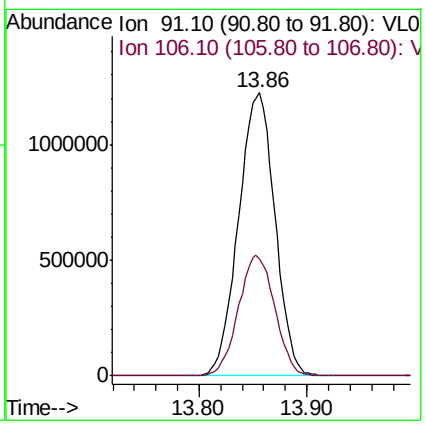


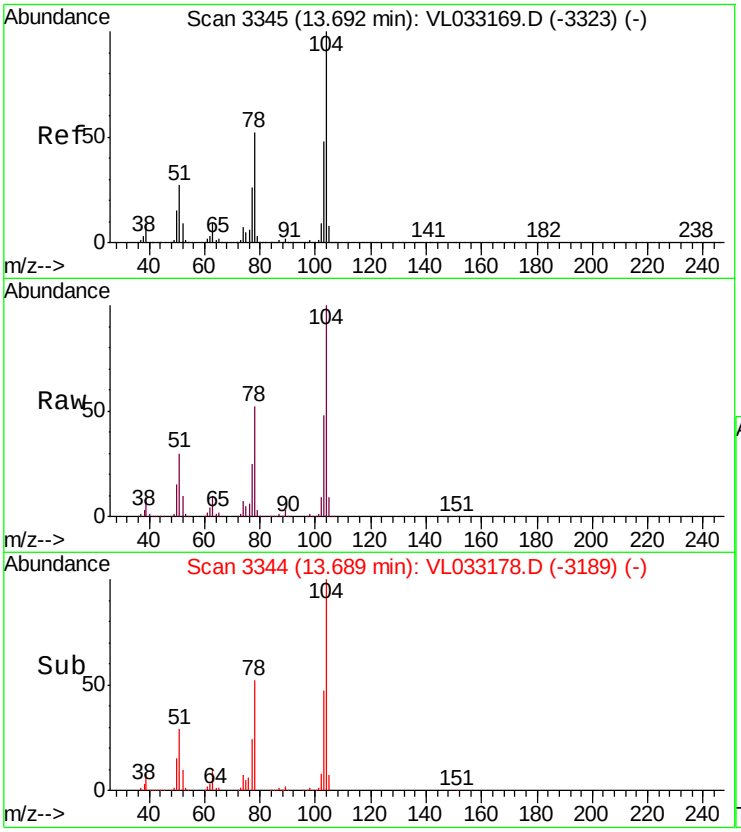




#60
o-Xylene
Concen: 6.910 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 91 Resp: 2869434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 42.7 | 21.8 | 65.3 |



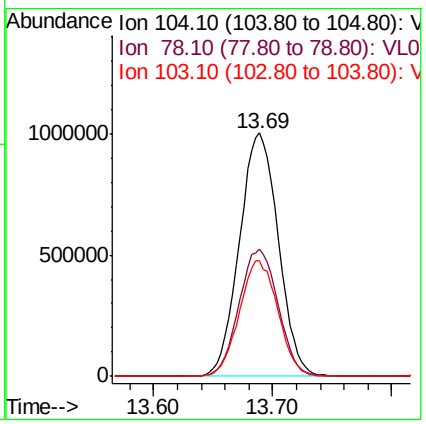


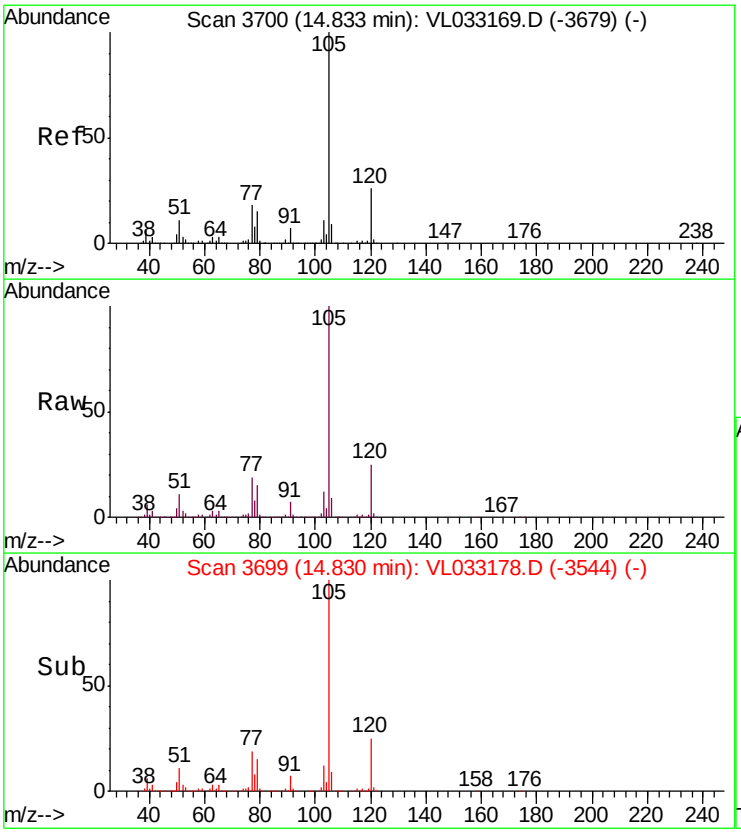

#61
Styrene
Concen: 7.232 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:104 Resp: 2267120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.7 | 41.9 | 62.9 |
| 103 | 47.3 | 37.9 | 56.9 |

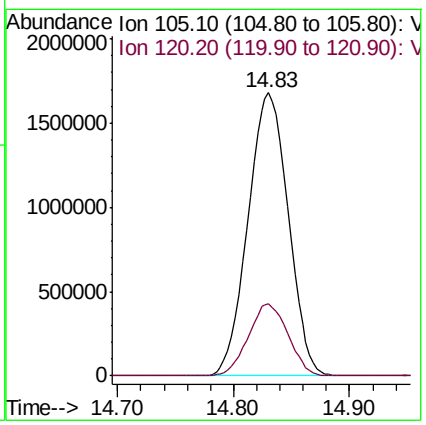


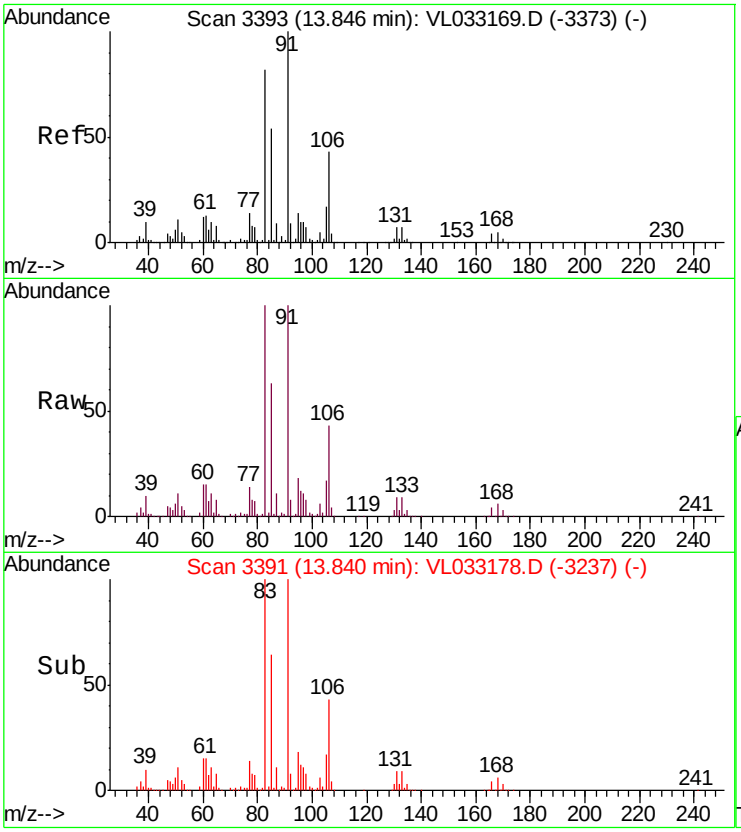




#62
Isopropylbenzene
Concen: 6.922 ppbv
RT: 14.83 min Scan# 3699
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:105 Resp: 4055449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.2 | 20.3 | 30.5 |



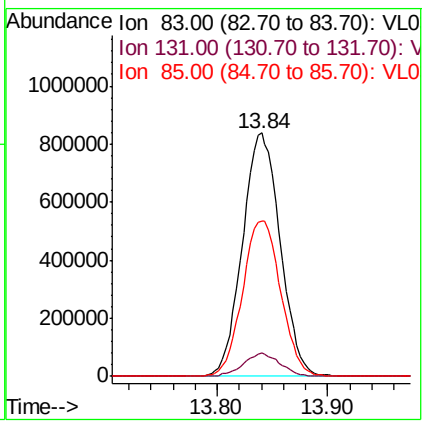


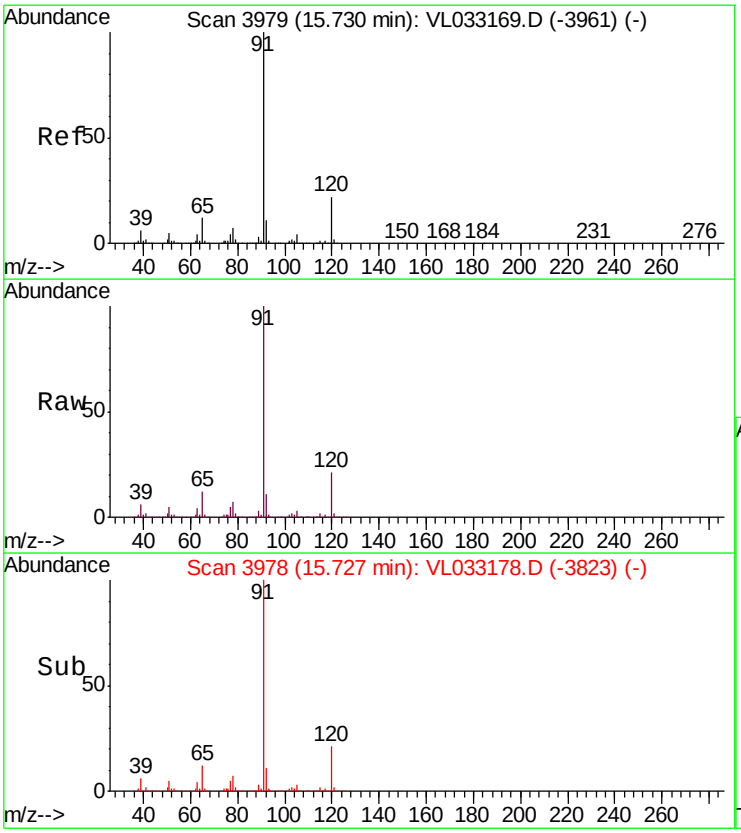

#63
1,1,2,2-Tetrachloroethane
Concen: 6.119 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion: 83 Resp: 1983693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.1 | 4.8 | 14.3 |
| 85 | 64.7 | 32.8 | 98.3 |

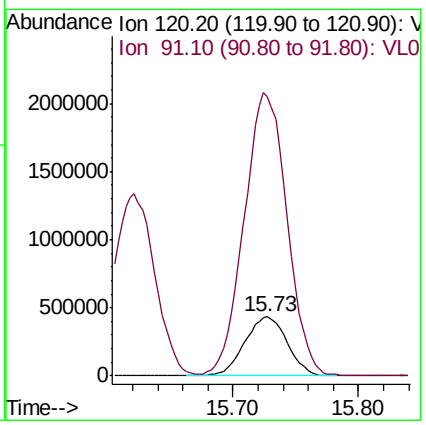


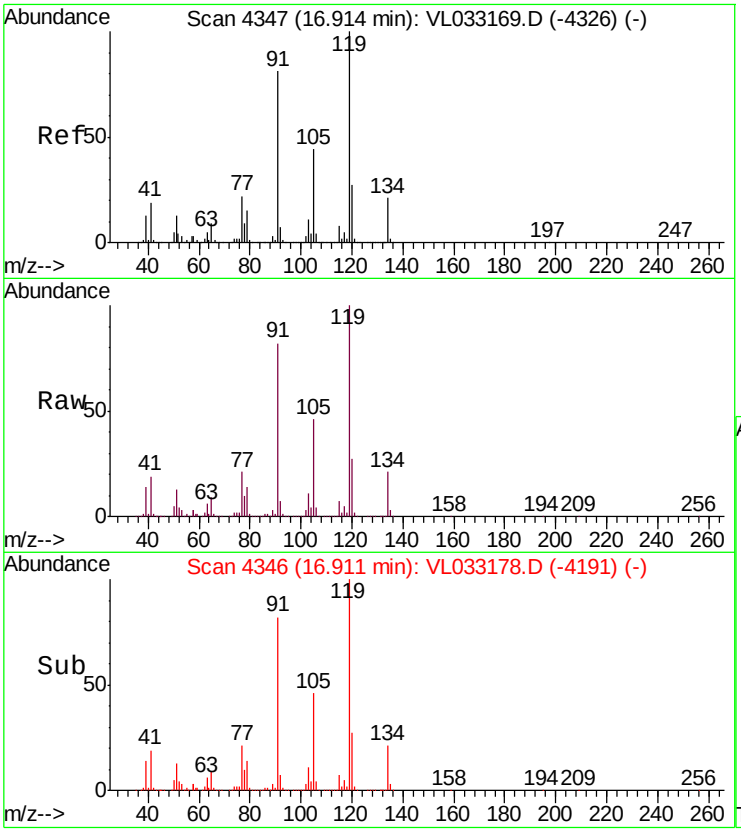




#64
n-propylbenzene
Concen: 6.872 ppbv
RT: 15.73 min Scan# 3978
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:120 Resp: 1023519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 484.6 | 383.9 | 575.9 |



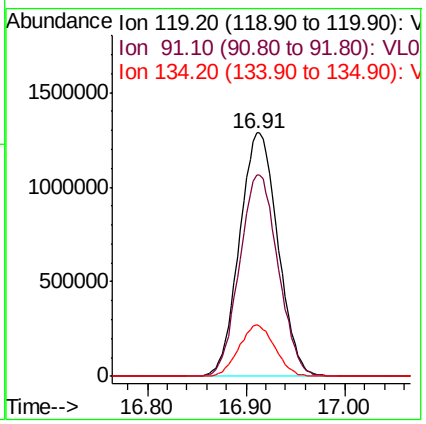


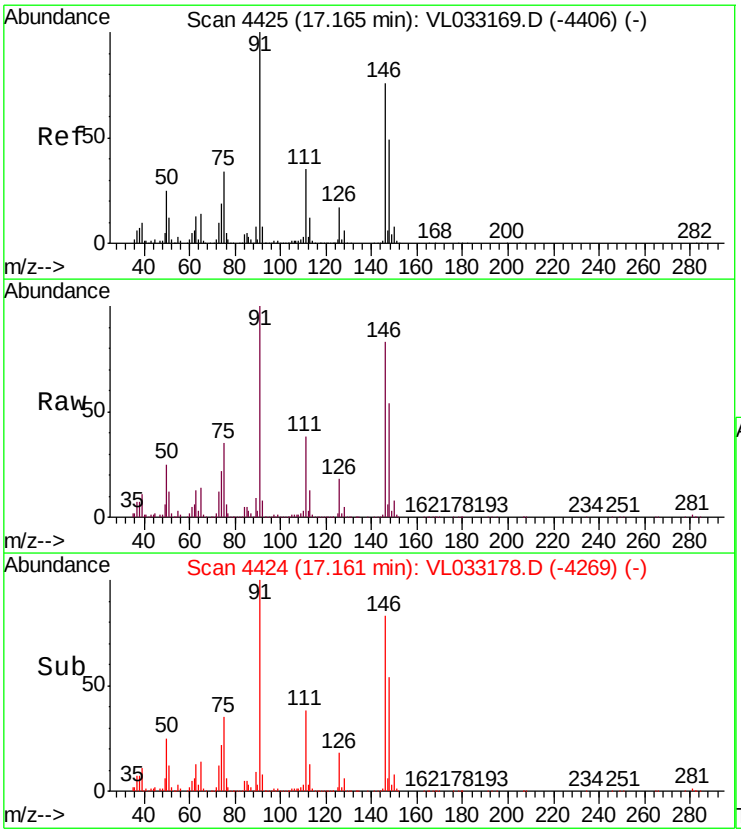

#65
tert-Butylbenzene
Concen: 6.766 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion:119 Resp: 3451696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 83.5 | 65.6 | 98.4 |
| 134 | 19.8 | 15.8 | 23.8 |

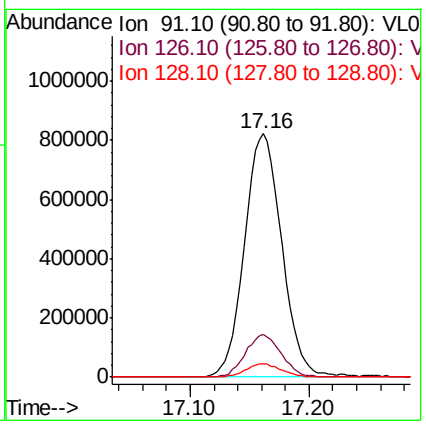


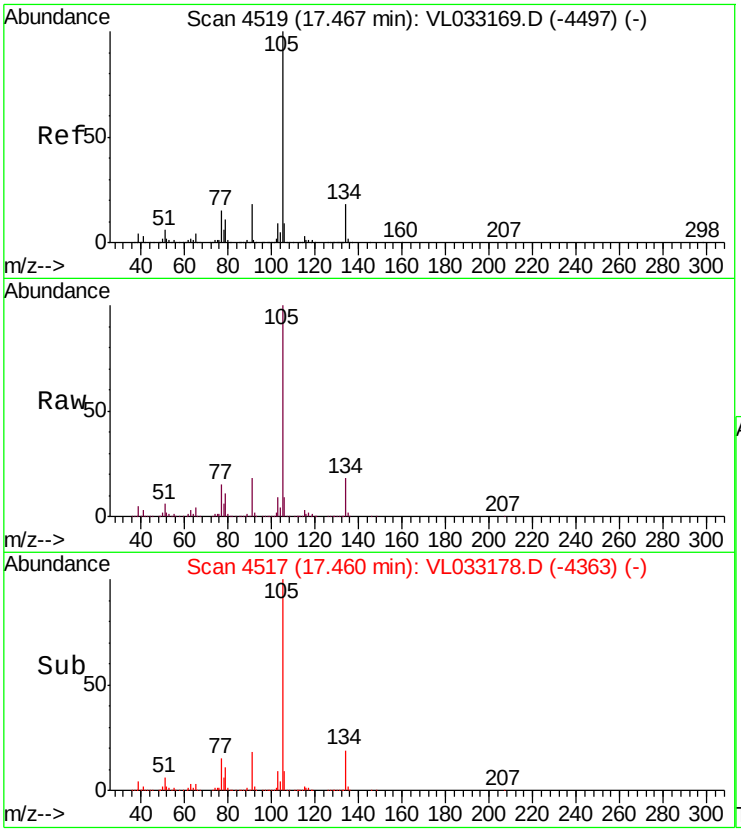




#66
Benzyl Chloride
Concen: 9.747 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 91 Resp: 1777059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 17.1 | 13.8 | 20.6 |
| 128 | 5.4 | 4.5 | 6.7 |



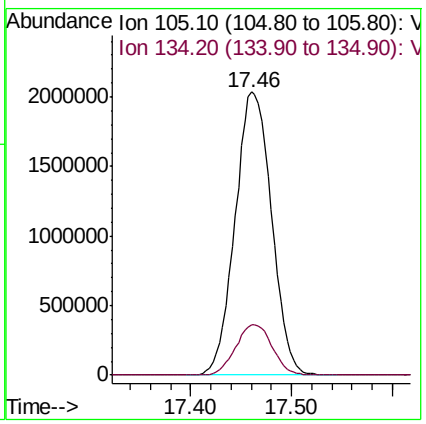


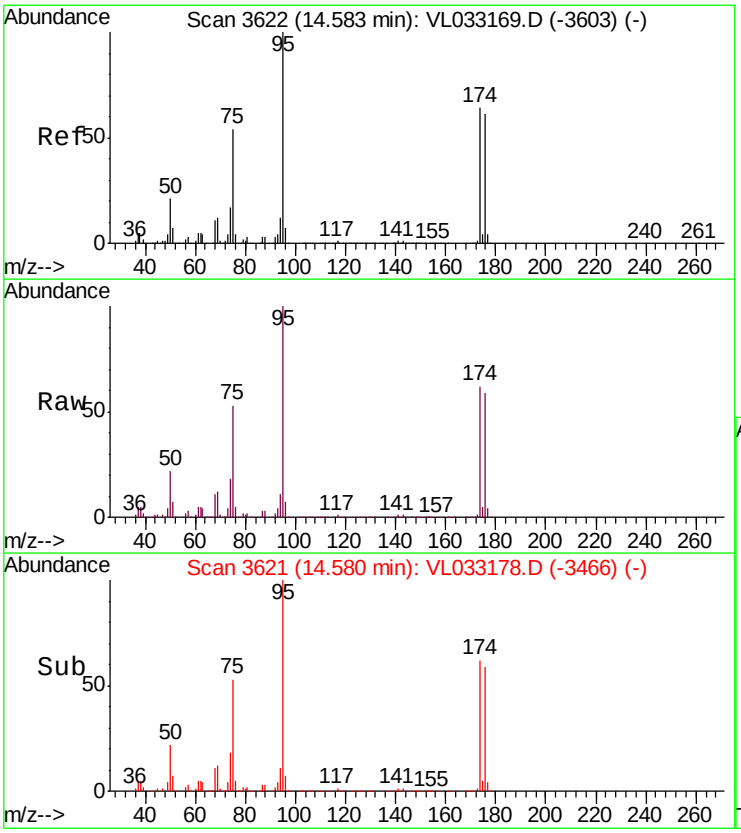

#67
sec-Butylbenzene
Concen: 6.877 ppbv
RT: 17.46 min Scan# 4517
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion:105 Resp: 5093169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.9 | 14.6 | 22.0 |

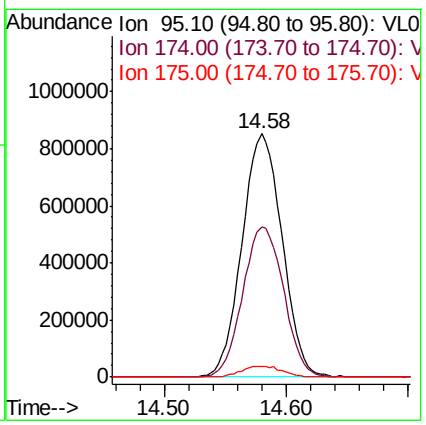


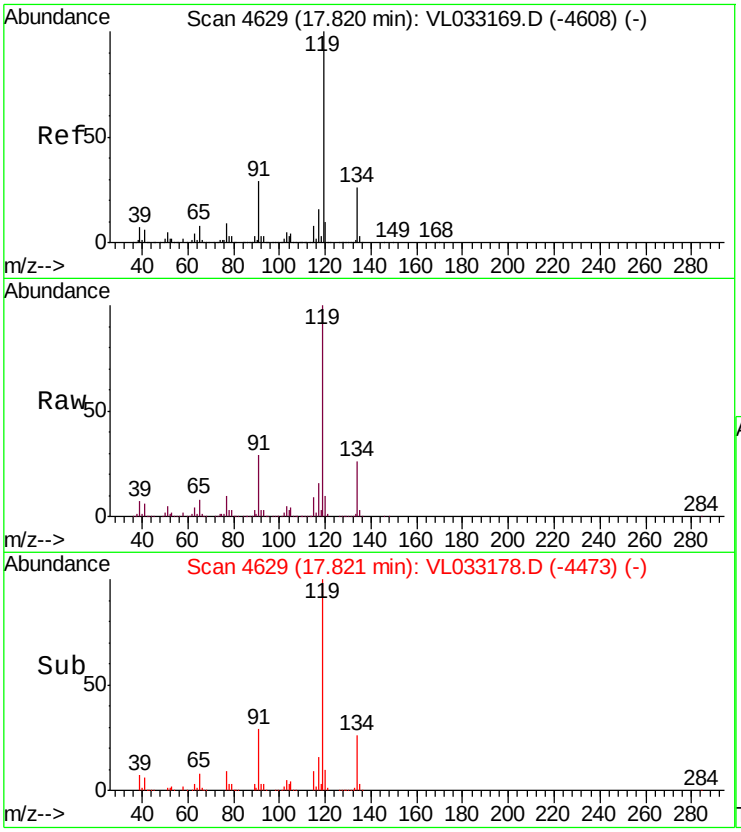




#68
1-Bromo-4-Fluorobenzene
Concen: 7.969 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 95 Resp: 1936902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 63.1 | 51.1 | 76.7 |
| 175 | 4.7 | 3.8 | 5.6 |



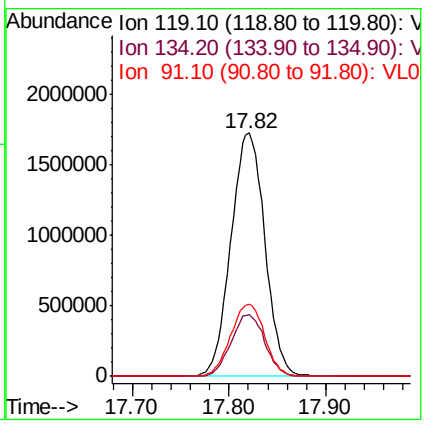


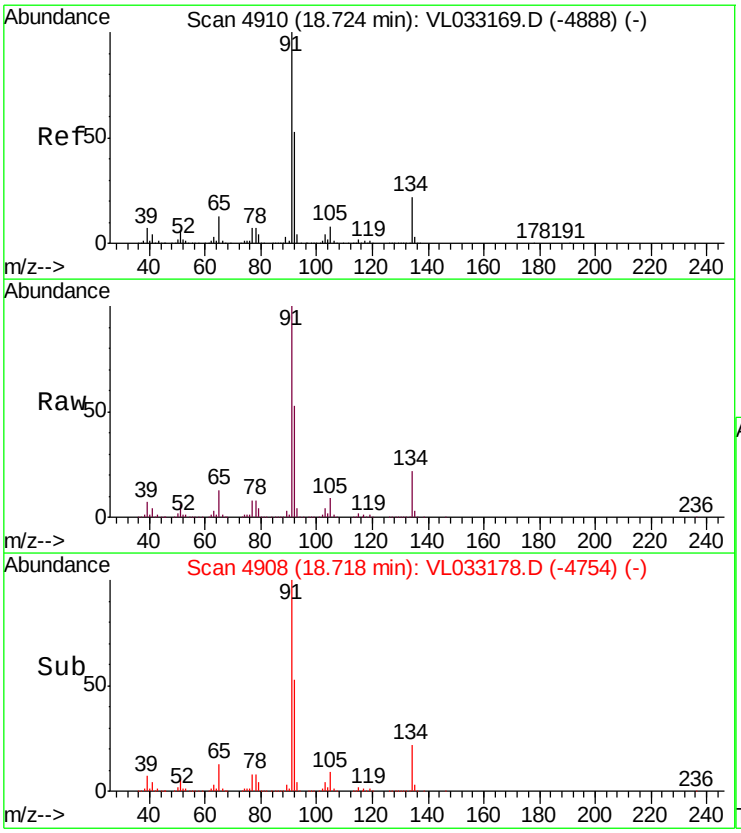

#69
p-Isopropyltoluene
Concen: 6.793 ppbv
RT: 17.82 min Scan# 4629
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:119 Resp: 4189931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.3 | 20.4 | 30.6 |
| 91 | 29.6 | 23.4 | 35.0 |

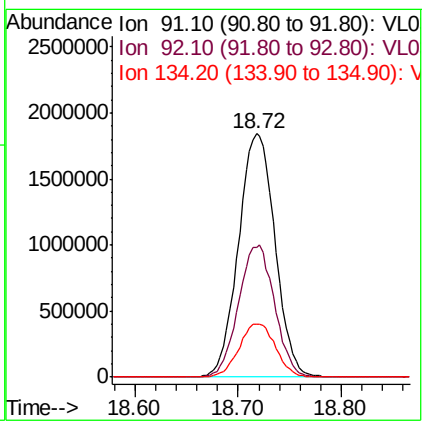


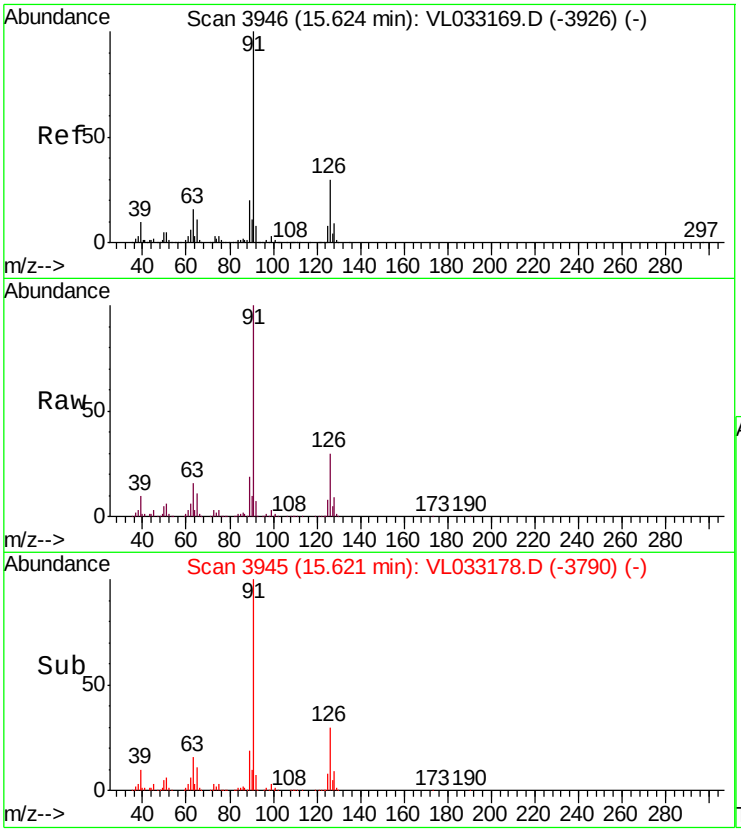




#70
n-Butylbenzene
Concen: 6.809 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion: 91 Resp: 4530668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.5 | 43.0 | 64.4 |
| 134 | 22.0 | 17.5 | 26.3 |



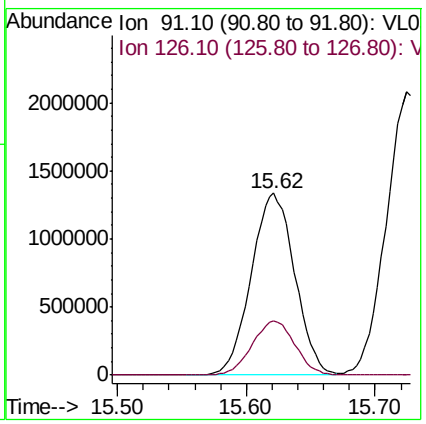


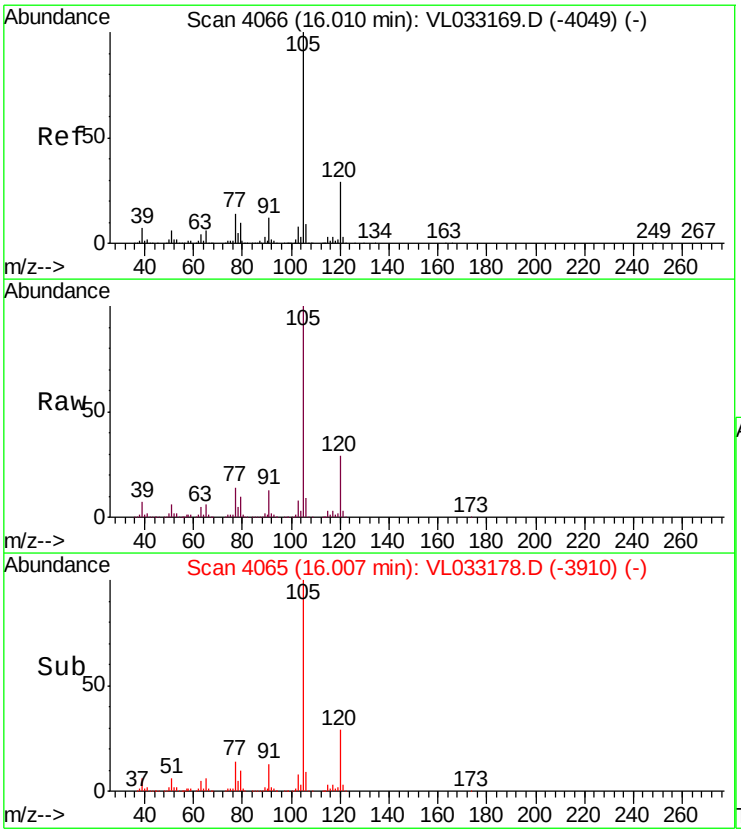

#71
2-Chlorotoluene
Concen: 6.827 ppbv
RT: 15.62 min Scan# 3945
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion: 91 Resp: 3142124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.4 | 11.8 | 47.4 |

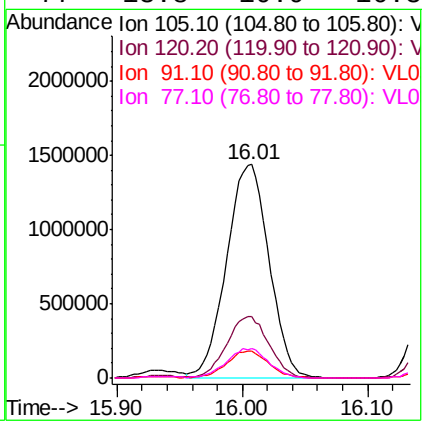


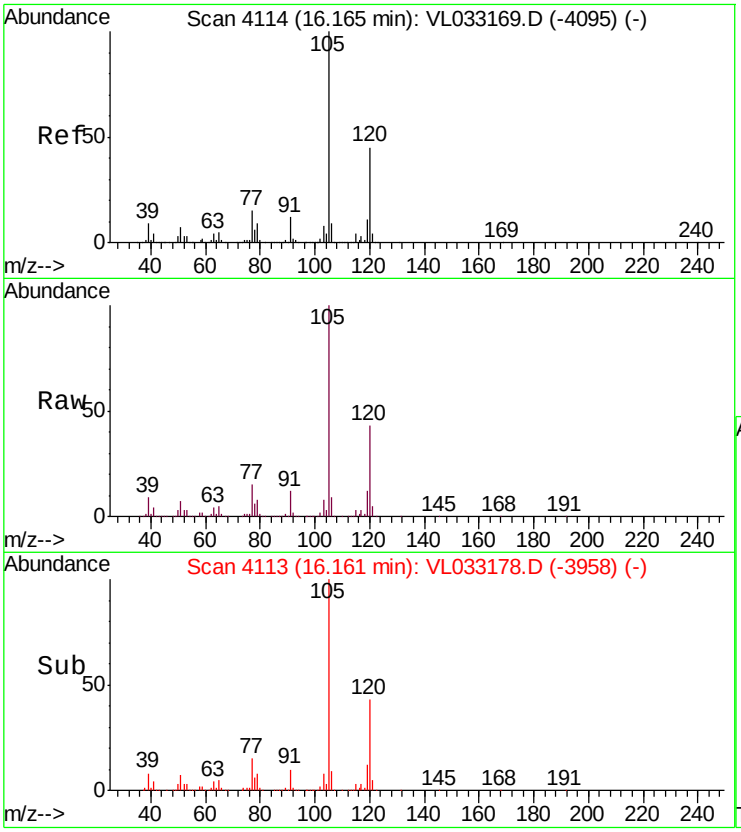




#72
4-Ethyltoluene
Concen: 7.047 ppbv
RT: 16.01 min Scan# 4065
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:105 Resp: 3375063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.7 | 23.1 | 34.7 |
| 91 | 12.4 | 9.8 | 14.6 |
| 77 | 13.8 | 10.9 | 16.3 |



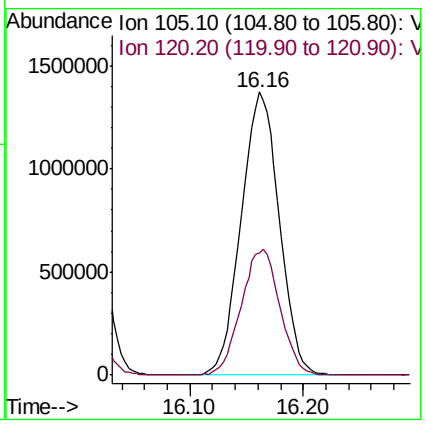


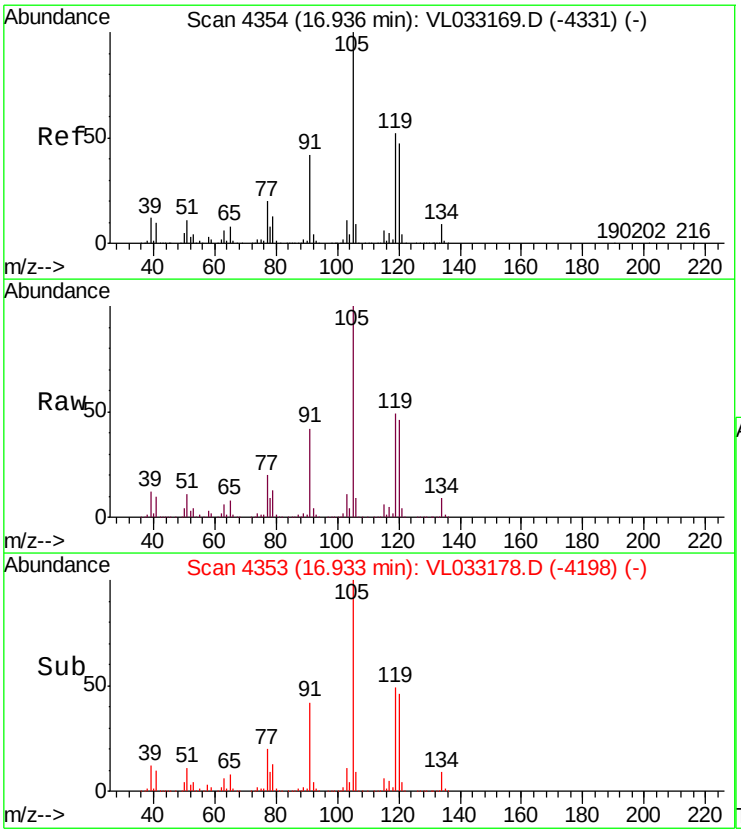

#73
1,3,5-Trimethylbenzene
Concen: 6.974 ppbv
RT: 16.16 min Scan# 4113
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:105 Resp: 3194428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.2 | 36.2 | 54.4 |

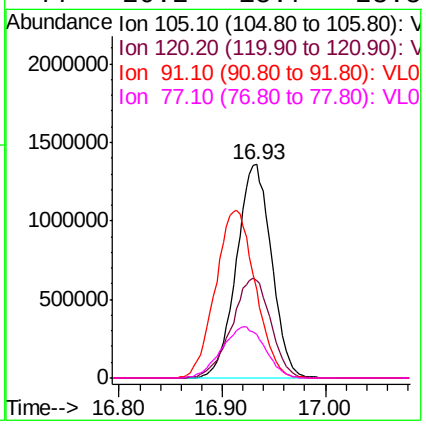


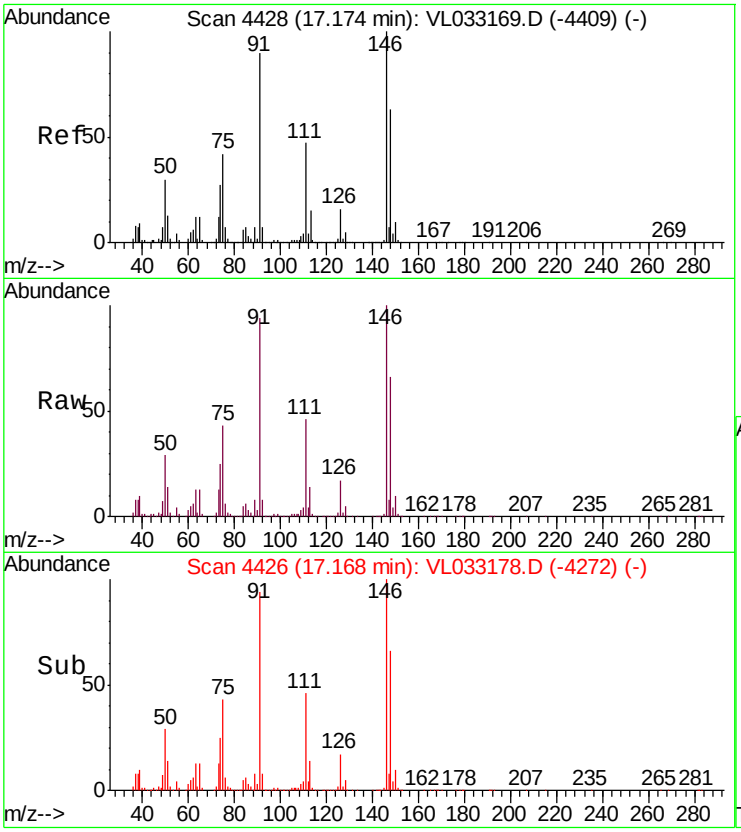




#74
1,2,4-Trimethylbenzene
Concen: 6.754 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:105 Resp: 3208851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.6 | 37.9 | 56.9 |
| 91 | 41.5 | 34.0 | 51.0 |
| 77 | 20.2 | 15.7 | 23.5 |



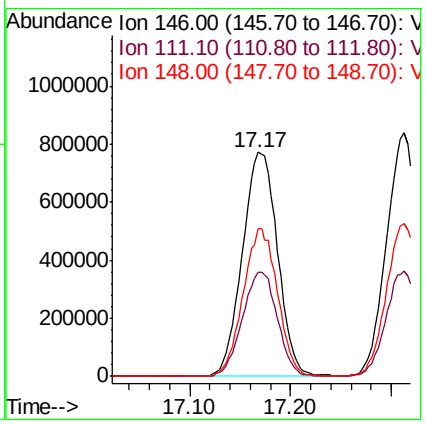


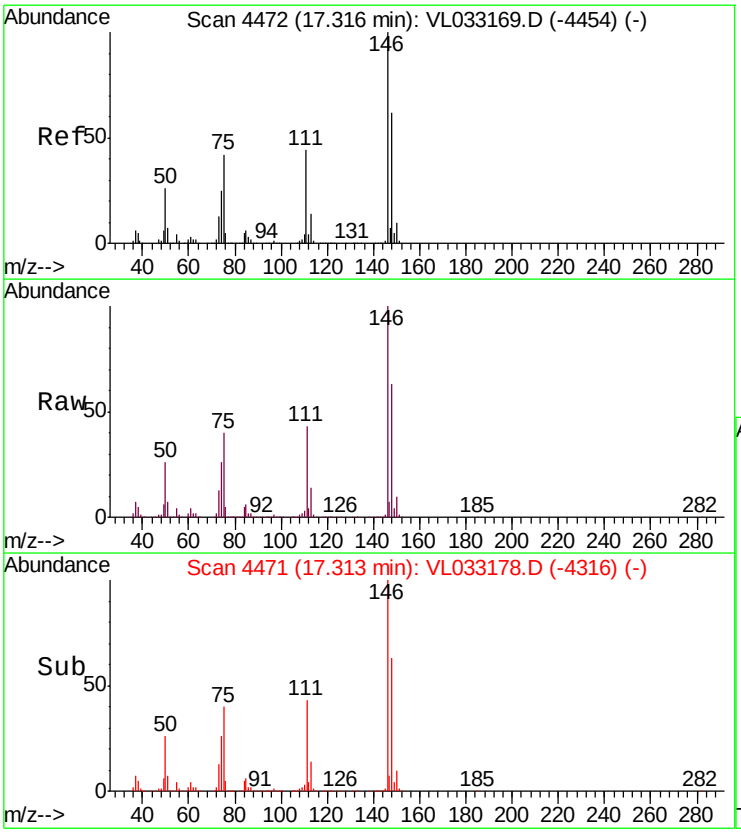

#75
1,3-Dichlorobenzene
Concen: 6.814 ppbv
RT: 17.17 min Scan# 4426
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:146 Resp: 1867101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 46.1 | 23.2 | 69.6 |
| 148 | 64.3 | 31.8 | 95.4 |

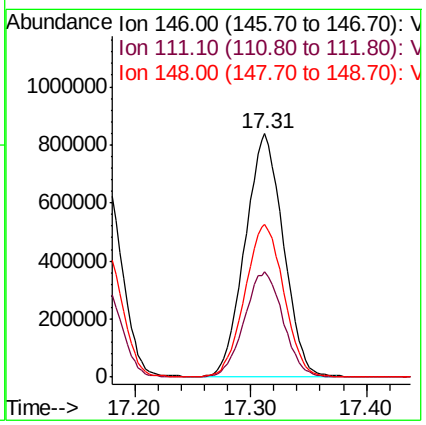


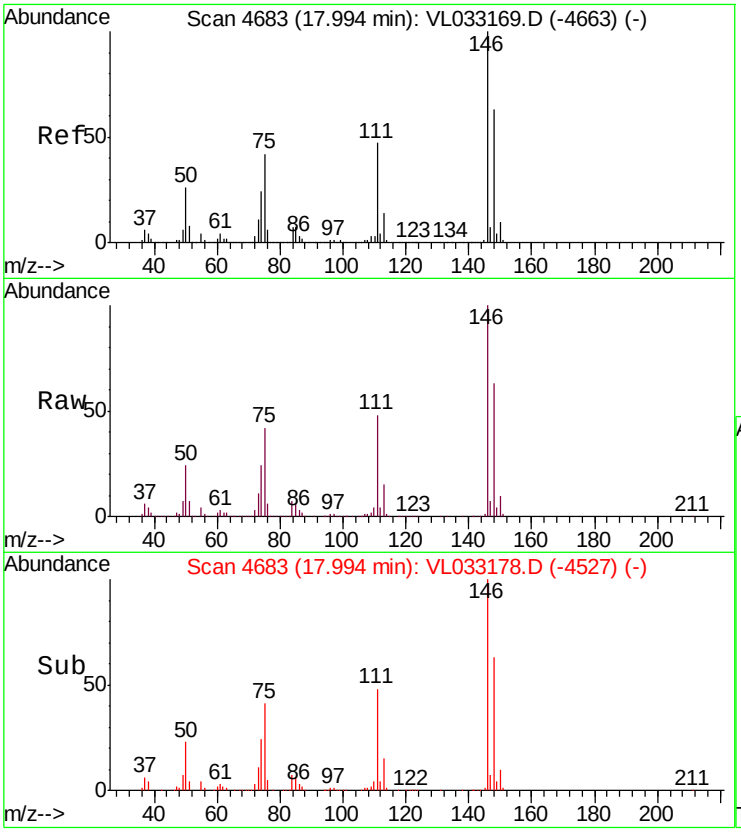




#76
1,4-Dichlorobenzene
Concen: 7.066 ppbv
RT: 17.31 min Scan# 4471
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:146 Resp: 1918122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.0 | 22.3 | 66.9 |
| 148 | 64.1 | 32.0 | 96.0 |



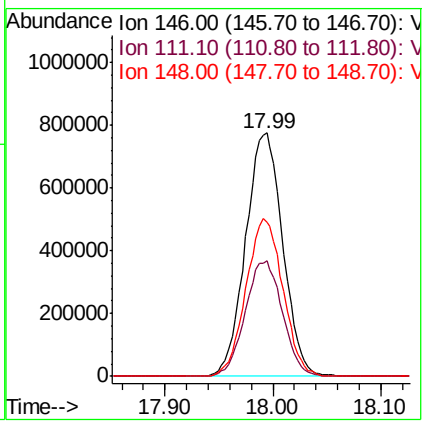


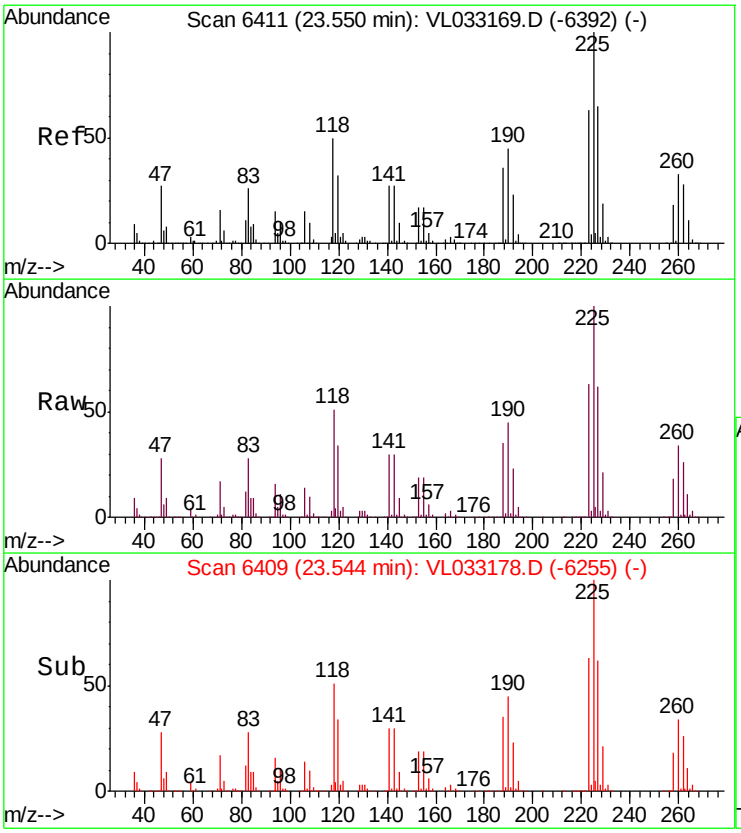

#77
1,2-Dichlorobenzene
Concen: 6.843 ppbv
RT: 17.99 min Scan# 4683
Delta R.T. 0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:146 Resp: 1852740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.6 | 23.5 | 70.6 |
| 148 | 64.5 | 31.9 | 95.7 |

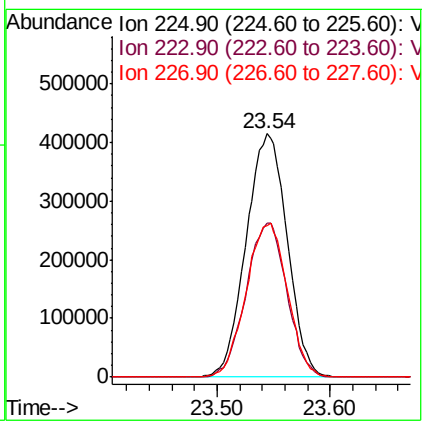


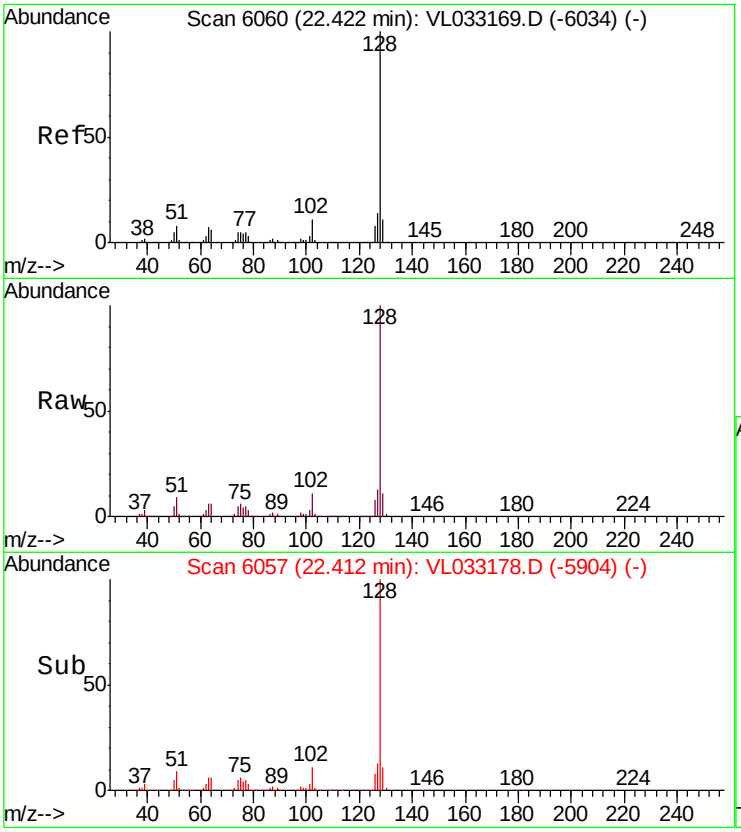




#78
Hexachloro-1,3-Butadiene
Concen: 7.763 ppbv
RT: 23.54 min Scan# 6409
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:225 Resp: 1045209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.9 | 50.6 | 75.8 |
| 227 | 63.6 | 51.4 | 77.2 |



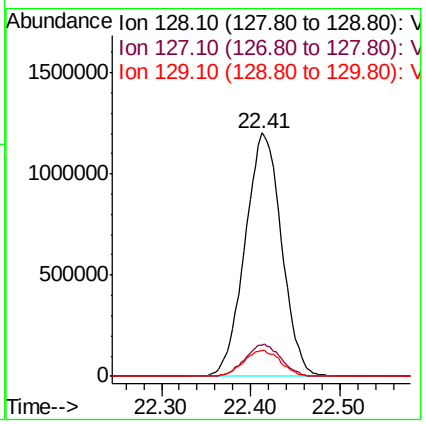


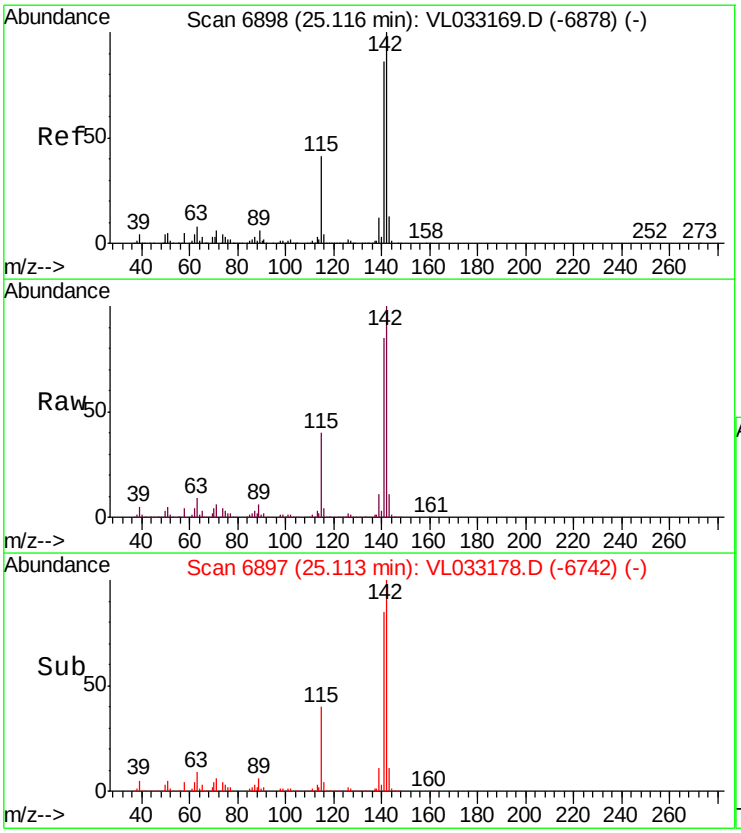

#79
Naphthalene
Concen: 6.699 ppbv
RT: 22.41 min Scan# 6057
Delta R.T. -0.01 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :** MSVOA_L
**ClientSampleId :** VL0205ABS01

Tgt Ion:128 Resp: 3420341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 11.0 | 16.4 |
| 129 | 10.9 | 8.6 | 12.8 |

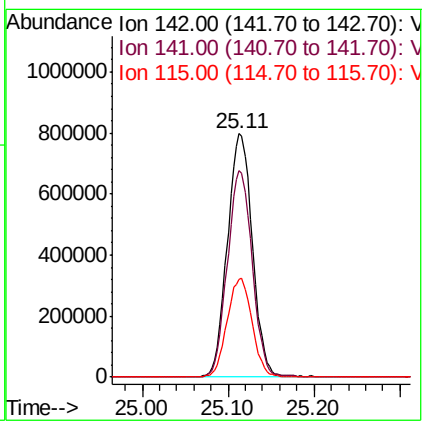


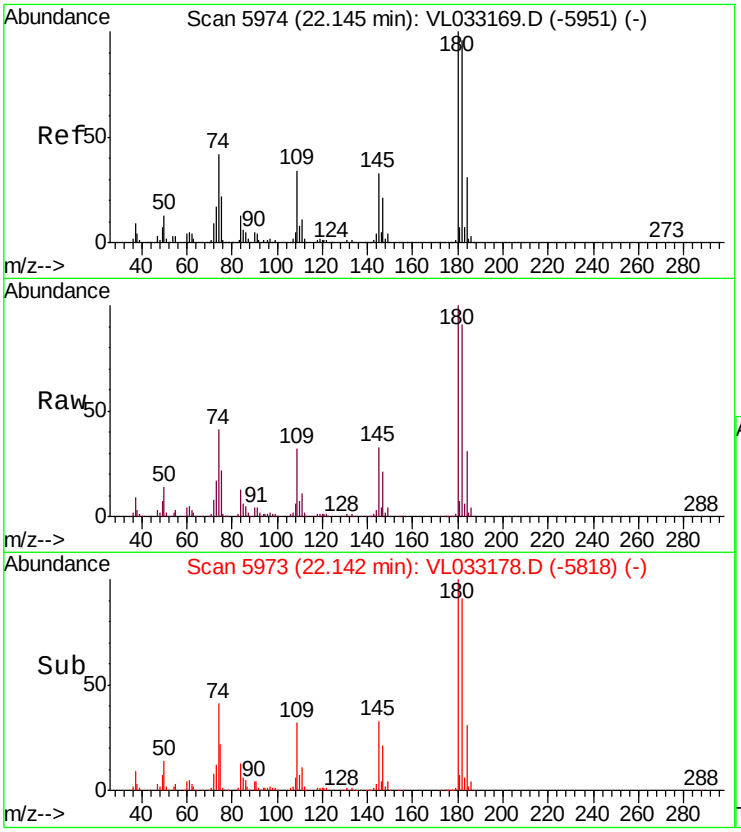




#80
Naphthalene,2-methyl-
Concen: 6.230 ppbv
RT: 25.11 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

Tgt Ion:142 Resp: 1608897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 84.7 | 67.7 | 101.5 |
| 115 | 40.6 | 32.7 | 49.1 |






#81
1,2,4-Trichlorobenzene
Concen: 6.447 ppbv
RT: 22.14 min Scan# 5973
Delta R.T. -0.00 min
Lab File: VL033178.D
Acq: 6 Feb 2019 9:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
VL0205ABS01

Tgt Ion:180 Resp: 1672072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 75.8 | 113.8 |
| 184 | 30.6 | 24.3 | 36.5 |