Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

Quantitation Report (Not Reviewed)

Data File : VL033123.D
Acq On : 28 Jan 2019 23:10
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Quant Time: Jan 28 23:45:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 23:42:35 2019
QLast Update : Mon Jan 28 23:42:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.76 | 49 | 1244847 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.29 | 114 | 3166772 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.24 | 117 | 3145294 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.58 | 95 | 2333154 | 9.81 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 98.10% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.07 | 85 | 2451821 | 8.319 | ppbv | 100 |
| 3) Chlorodifluoromethane | 3.01 | 51 | 1368379 | 8.285 | ppbv | 98 |
| 4) Chloromethane | 3.17 | 50 | 769389 | 8.575 | ppbv | 99 |
| 5) Vinyl Chloride | 3.29 | 62 | 787470 | 7.690 | ppbv | 99 |
| 6) Bromomethane | 3.51 | 94 | 518487 | 8.589 | ppbv | 97 |
| 7) Chloroethane | 3.60 | 64 | 292150 | 8.360 | ppbv | 94 |
| 8) Dichlorotetrafluoroethane | 3.22 | 85 | 1944675 | 8.246 | ppbv | 99 |
| 9) Propene | 3.03 | 41 | 589274 | 9.161 | ppbv | 99 |
| 10) Heptane | 8.25 | 43 | 1466731 | 9.398 | ppbv | 99 |
| 11) Trichlorofluoromethane | 4.00 | 101 | 2049336 | 8.158 | ppbv | 95 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.55 | 101 | 1386240 | 7.953 | ppbv | 98 |
| 13) Ethanol | 3.64 | 45 | 136426 | 5.911 | ppbv | 100 |
| 14) Bromoethene | 3.79 | 108 | 628657 | 8.327 | ppbv | 99 |
| 15) Acetone | 3.90 | 43 | 1305753 | 7.768 | ppbv | 99 |
| 16) 1,3-Butadiene | 3.36 | 39 | 636835 | 9.064 | ppbv | 95 |
| 17) tert-Butyl alcohol | 4.35 | 59 | 321337 | 8.610 | ppbv | 98 |
| 18) 1,1-Dichloroethene | 4.35 | 96 | 649770 | 8.398 | ppbv | 95 |
| 19) Isopropyl Alcohol | 4.02 | 45 | 924019 | 8.072 | ppbv | 100 |
| 20) Methylene Chloride | 4.40 | 84 | 559481 | 7.330 | ppbv | 96 |
| 21) Allyl Chloride | 4.47 | 41 | 1025679 | 8.758 | ppbv | 99 |
| 22) trans-1,2-Dichloroethene | 4.96 | 96 | 647046 | 8.325 | ppbv | 99 |
| 23) Vinyl Acetate | 5.15 | 43 | 2171276 | 9.135 | ppbv | 100 |
| 24) 1,1-Dichloroethane | 5.09 | 63 | 1634043 | 8.489 | ppbv | 99 |
| 25) Ethyl Acetate | 5.76 | 43 | 2621333 | 8.766 | ppbv | 100 |
| 26) Hexane | 5.78 | 57 | 1215819 | 8.477 | ppbv | 98 |
| 27) Carbon Disulfide | 4.62 | 76 | 1634960 | 8.731 | ppbv | 97 |
| 28) Methyl tert-Butyl Ether | 5.11 | 73 | 2035270 | 9.043 | ppbv | 100 |
| 29) Chloroform | 5.84 | 83 | 2022639 | 8.559 | ppbv | 99 |
| 30) Cyclohexane | 7.24 | 84 | 1045397 | 9.703 | ppbv | 98 |
| 31) cis-1,2-Dichloroethene | 5.64 | 61 | 1244877 | 9.507 | ppbv | 95 |
| 32) 1,1,1-Trichloroethane | 6.62 | 97 | 2029363 | 6.637 | ppbv | 100 |
| 34) 2-Butanone | 5.32 | 43 | 1658858 | 9.231 | ppbv | 99 |
| 35) Carbon Tetrachloride | 7.13 | 117 | 2221478 | 7.662 | ppbv | 99 |
| 36) Benzene | 7.00 | 78 | 2456862 | 8.791 | ppbv | 99 |
| 37) 1,2-Dichloroethane | 6.41 | 62 | 1495413 | 8.121 | ppbv | 99 |
| 38) Trichloroethene | 7.96 | 130 | 1016093 | 8.946 | ppbv | 94 |
| 39) 1,2-Dichloropropane | 7.73 | 63 | 918177 | 9.330 | ppbv | 96 |
| 40) 1,4-Dioxane | 7.95 | 88 | 319624 | 8.506 | ppbv # | 1 |
| 41) Tetrahydrofuran | 6.14 | 42 | 944134 | 9.335 | ppbv | 100 |
| 42) Bromodichloromethane | 7.91 | 83 | 2169659 | 8.884 | ppbv | 98 |
| 43) Methyl Methacrylate | 8.13 | 69 | 981439 | 10.032 | ppbv | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

Quantitation Report (Not Reviewed)

Data File : VL033123.D
Acq On : 28 Jan 2019 23:10
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Quant Time: Jan 28 23:45:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 23:42:35 2019
QLast Update : Mon Jan 28 23:42:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,2,4-Trimethylpentane | 7.99 | 57 | 4102786 | 9.297 | ppbv | | 99 |
| 45) t-1,3-Dichloropropene | 9.41 | 75 | 1354609 | 11.293 | ppbv | | 100 |
| 46) cis-1,3-Dichloropropene | 8.83 | 75 | 1557789 | 10.864 | ppbv | | 98 |
| 47) 1,1,2-Trichloroethane | 9.61 | 97 | 1029628 | 9.024 | ppbv | | 95 |
| 48) Dibromochloromethane | 10.45 | 129 | 1912204 | 9.497 | ppbv | | 100 |
| 49) Bromoform | 13.20 | 173 | 1622500 | 9.644 | ppbv | | 100 |
| 50) 4-Methyl-2-Pentanone | 8.87 | 43 | 2317183 | 9.660 | ppbv | | 100 |
| 51) 2-Hexanone | 10.27 | 43 | 1753428 | 10.487 | ppbv | | 100 |
| 52) Tetrachloroethene | 11.37 | 164 | 892406 | 9.602 | ppbv | | 98 |
| 53) Toluene | 9.94 | 91 | 2881846 | 10.315 | ppbv | | 100 |
| 54) 1,2-Dibromoethane | 10.76 | 107 | 1594729 | 9.732 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.28 | 131 | 1325483 | 8.538 | ppbv | | 98 |
| 57) Chlorobenzene | 12.30 | 112 | 2234143 | 8.882 | ppbv | | 99 |
| 58) Ethyl Benzene | 12.86 | 91 | 3905832 | 10.528 | ppbv | | 99 |
| 59) m/p-Xylene | 13.15 | 91 | 3283036 | 9.555 | ppbv | # | 100 |
| 60) o-Xylene | 13.85 | 91 | 3251041 | 9.131 | ppbv | | 99 |
| 61) Styrene | 13.69 | 104 | 2427151 | 10.676 | ppbv | | 99 |
| 62) Isopropylbenzene | 14.83 | 105 | 4594862 | 9.108 | ppbv | | 100 |
| 63) 1,1,2,2-Tetrachloroethane | 13.84 | 83 | 2222444 | 7.837 | ppbv | | 99 |
| 64) n-propylbenzene | 15.72 | 120 | 1086654 | 8.876 | ppbv | | 97 |
| 65) tert-Butylbenzene | 16.91 | 119 | 3678203 | 8.679 | ppbv | | 100 |
| 66) Benzyl Chloride | 17.16 | 91 | 2217072 | 9.717 | ppbv | | 100 |
| 67) sec-Butylbenzene | 17.46 | 105 | 5242429 | 8.617 | ppbv | | 99 |
| 69) p-Isopropyltoluene | 17.82 | 119 | 4287404 | 8.254 | ppbv | | 99 |
| 70) n-Butylbenzene | 18.72 | 91 | 4190275 | 8.882 | ppbv | | 100 |
| 71) 2-Chlorotoluene | 15.62 | 91 | 3128026 | 9.093 | ppbv | | 99 |
| 72) 4-Ethyltoluene | 16.00 | 105 | 3436222 | 9.172 | ppbv | | 99 |
| 73) 1,3,5-Trimethylbenzene | 16.16 | 105 | 3221953 | 8.793 | ppbv | | 97 |
| 74) 1,2,4-Trimethylbenzene | 16.93 | 105 | 1985180 | 5.116 | ppbv | | 99 |
| 75) 1,3-Dichlorobenzene | 17.17 | 146 | 1872465 | 7.989 | ppbv | | 99 |
| 76) 1,4-Dichlorobenzene | 17.31 | 146 | 1862380 | 8.621 | ppbv | | 99 |
| 77) 1,2-Dichlorobenzene | 17.98 | 146 | 1023986 | 4.346 | ppbv | # | 43 |
| 78) Hexachloro-1,3-Butadiene | 23.55 | 225 | 1190942 | 8.630 | ppbv | | 100 |
| 79) Naphthalene | 22.41 | 128 | 2736862 | 11.464 | ppbv | | 100 |
| 80) Naphthalene,2-methyl- | 25.11 | 142 | 1010731 | 16.958 | ppbv | | 99 |
| 81) 1,2,4-Trichlorobenzene | 22.14 | 180 | 1324158 | 10.884 | ppbv | | 100 |

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

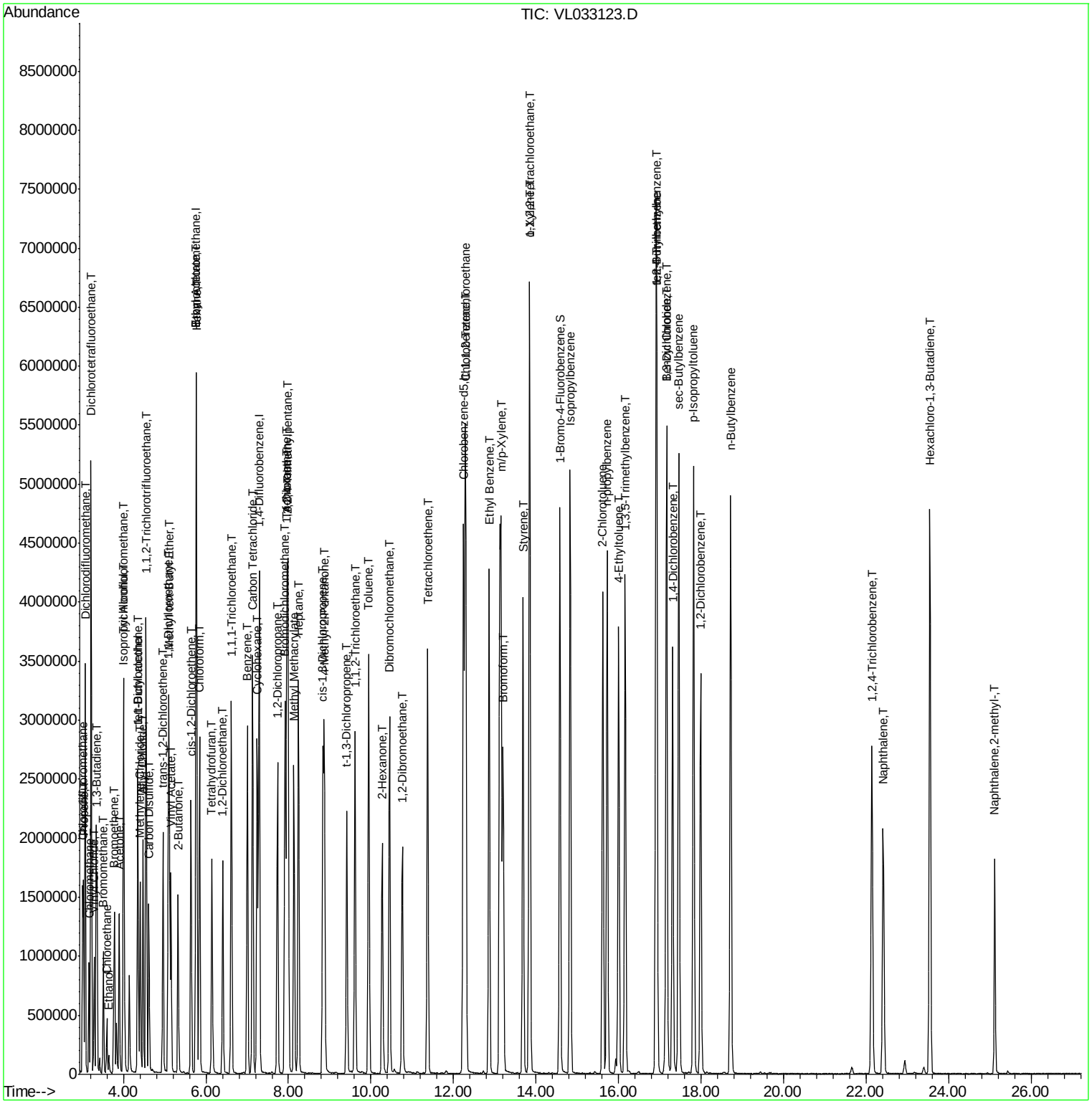
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

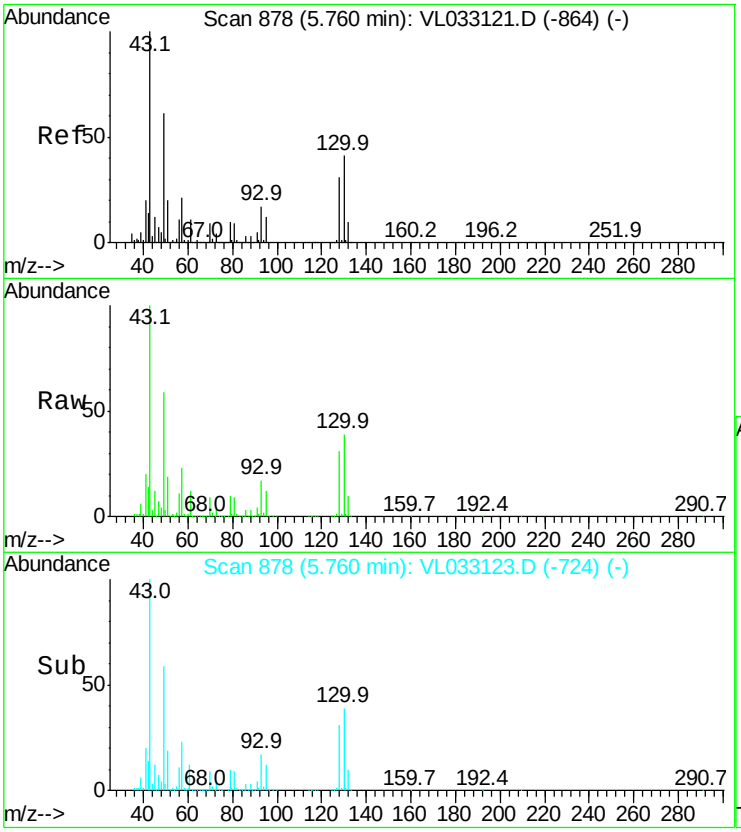
Quantitation Report (Not Reviewed)

Data File : VL033123.D
Acq On : 28 Jan 2019 23:10
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Quant Time: Jan 28 23:45:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 23:42:35 2019
QLast Update : Mon Jan 28 23:42:35 2019
Response via : Initial Calibration



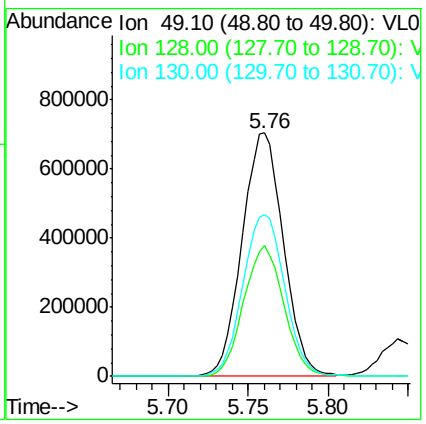


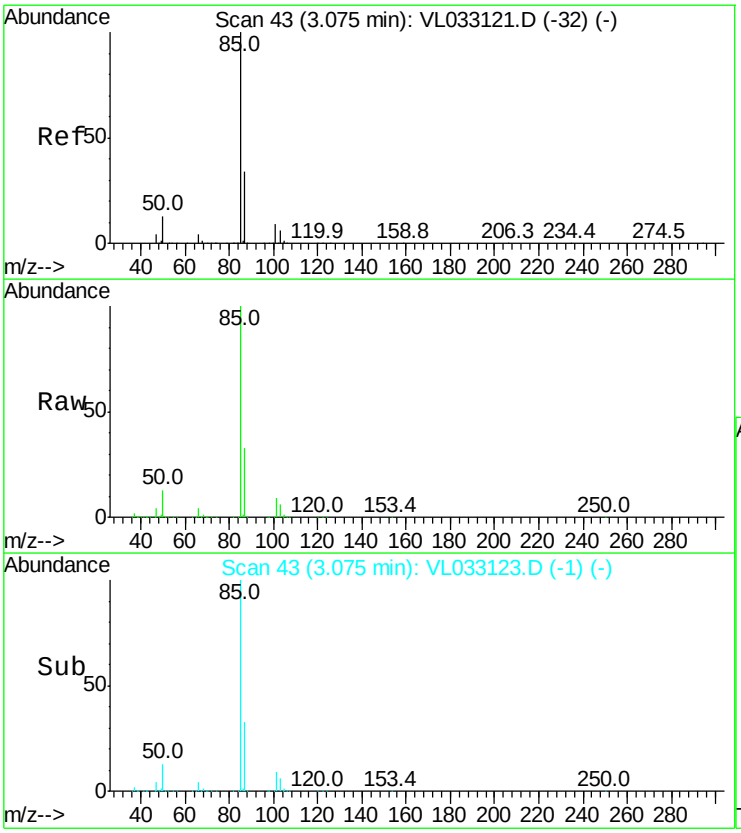

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 49 Resp: 1244847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 52.5 | 25.9 | 77.7 |
| 130 | 67.8 | 32.9 | 98.7 |

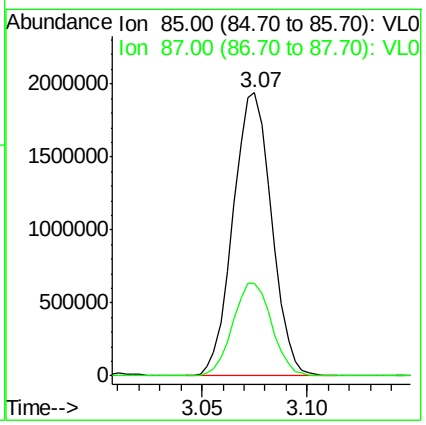


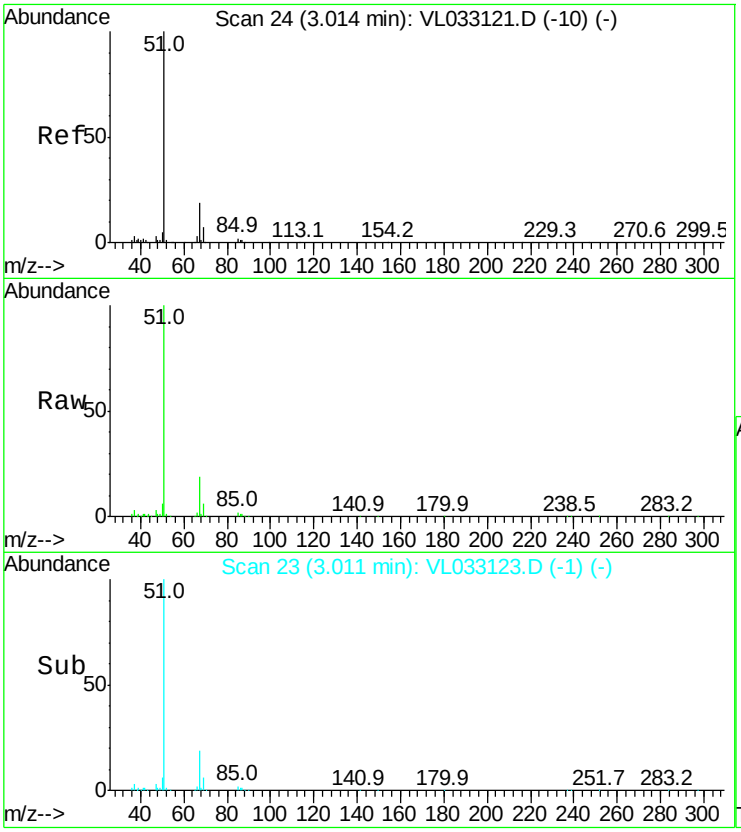




#2
Dichlorodifluoromethane
Concen: 8.319 ppbv
RT: 3.07 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 85 Resp: 2451821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.8 | 26.4 | 39.6 |



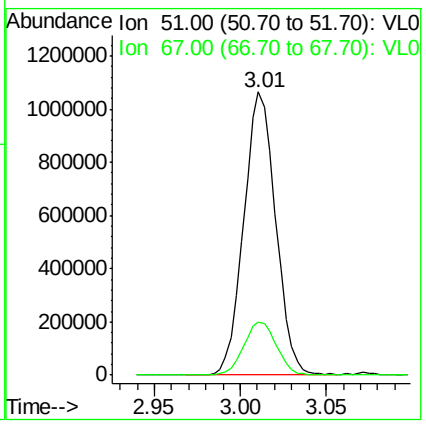


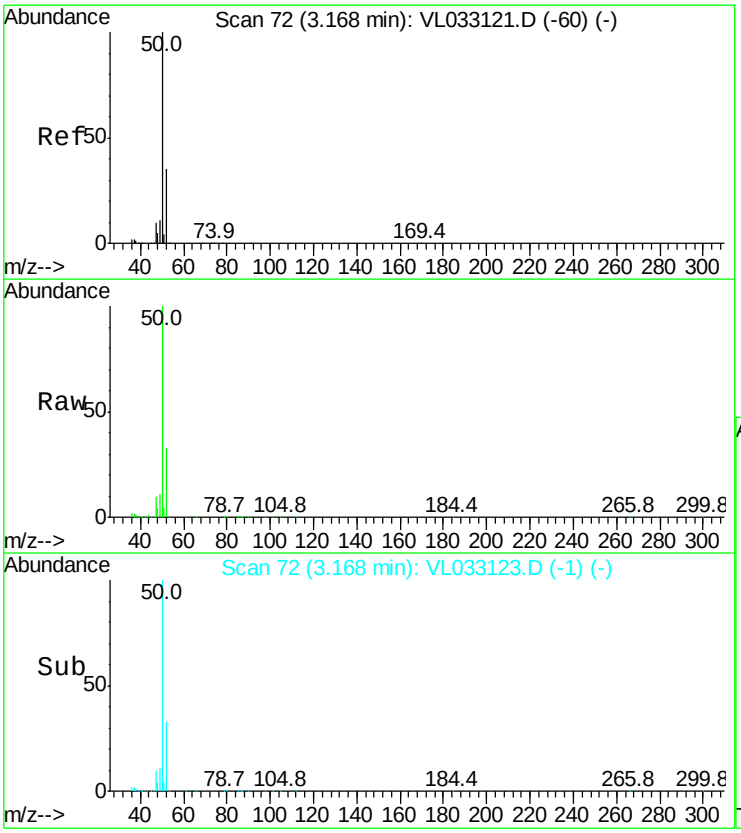

#3
Chlorodifluoromethane
Concen: 8.285 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 51 Resp: 1368379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 19.3 | 16.2 | 24.2 |

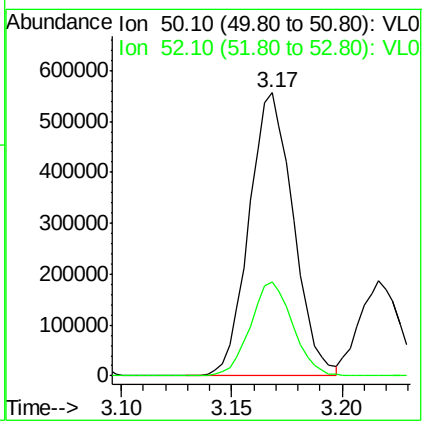


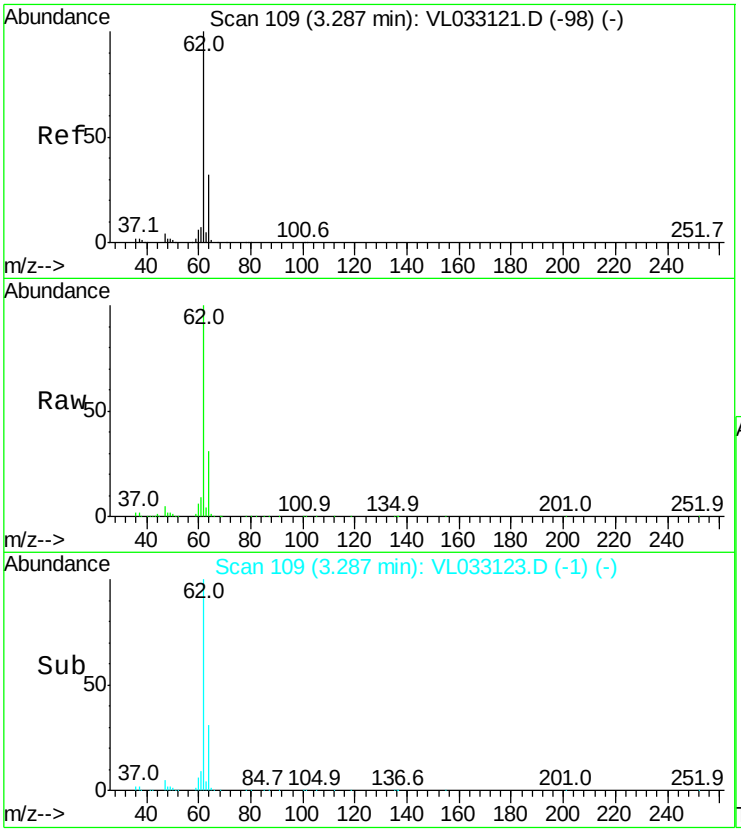




#4
Chloromethane
Concen: 8.575 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 50 Resp: 769389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.0 | 27.0 | 40.4 |



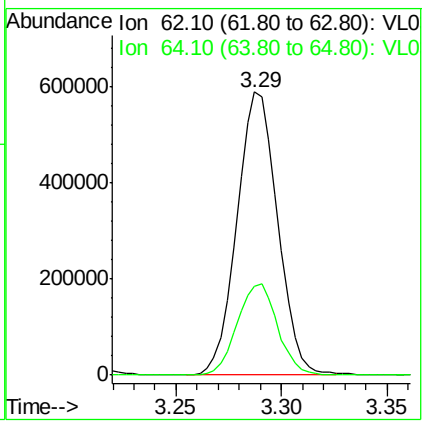


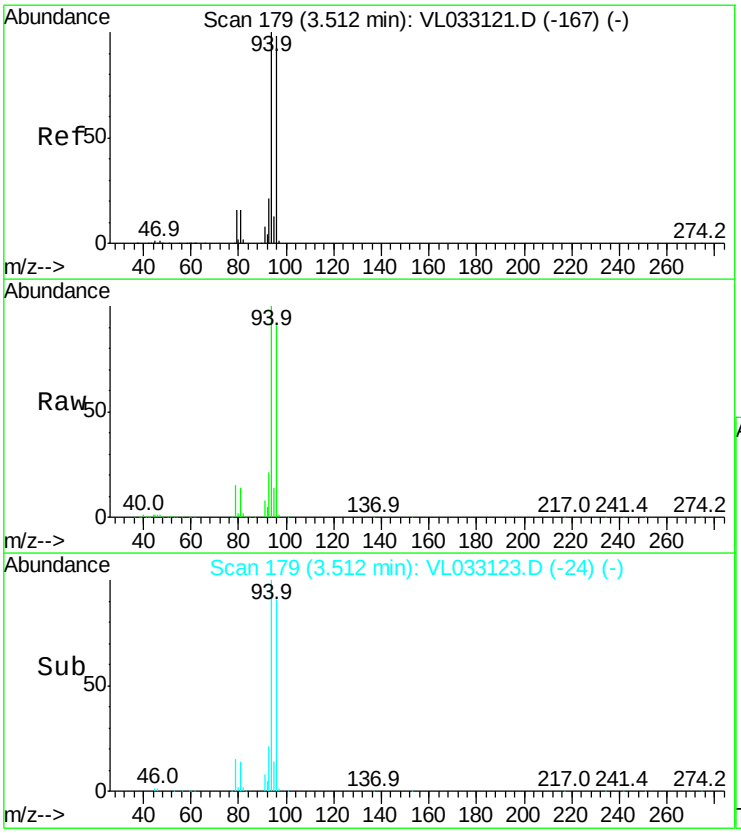

#5
Vinyl Chloride
Concen: 7.690 ppbv
RT: 3.29 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 62 Resp: 787470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 25.7 | 38.5 |

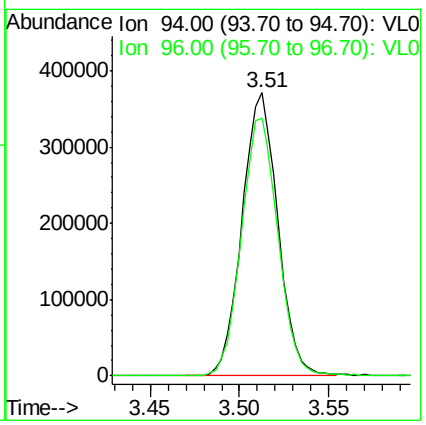


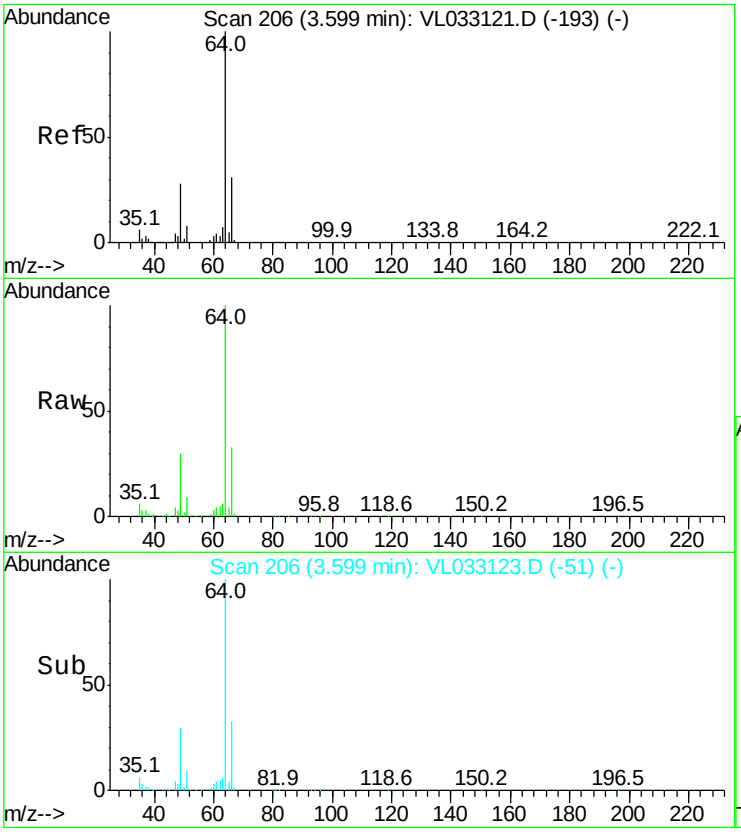




#6
Bromomethane
Concen: 8.589 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 94 Resp: 518487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.2 | 75.4 | 113.2 |



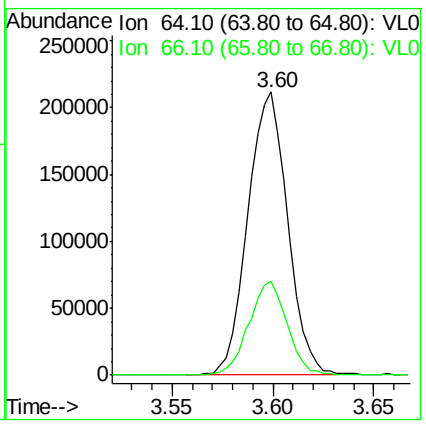


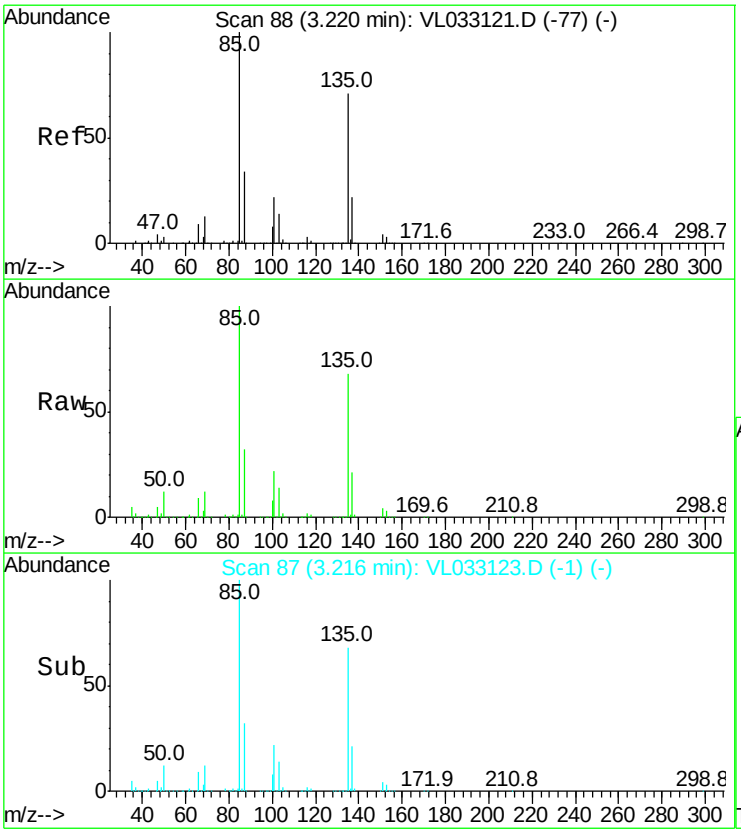

#7
Chloroethane
Concen: 8.360 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 64 Resp: 292150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.4 | 24.0 | 36.0 |

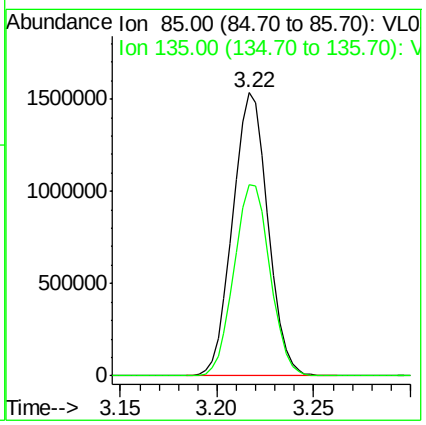


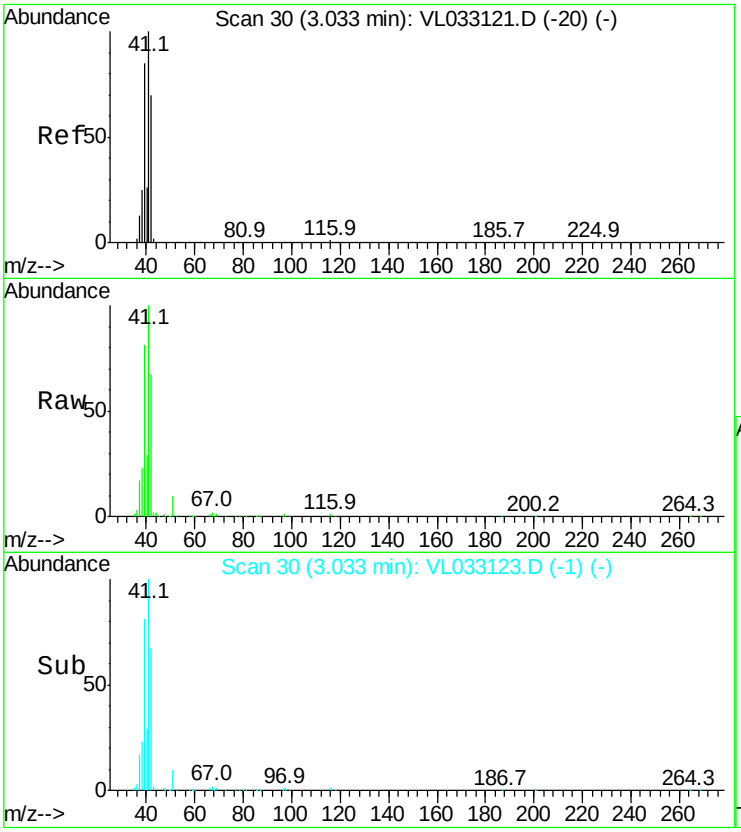




#8
Dichlorotetrafluoroethane
Concen: 8.246 ppbv
RT: 3.22 min Scan# 87
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 85 Resp: 1944675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 69.2 | 54.8 | 82.2 |



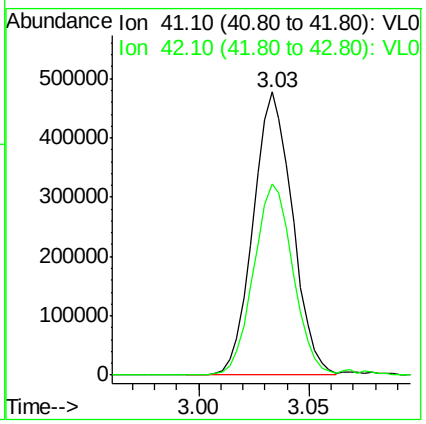


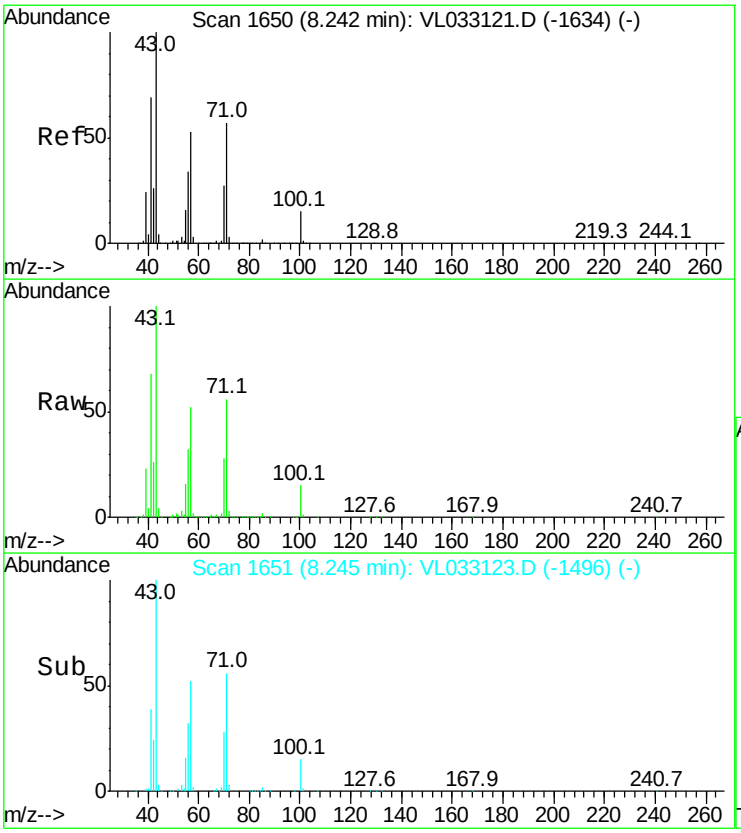

#9
Propene
Concen: 9.161 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 41 Resp: 589274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 68.9 | 54.6 | 82.0 |

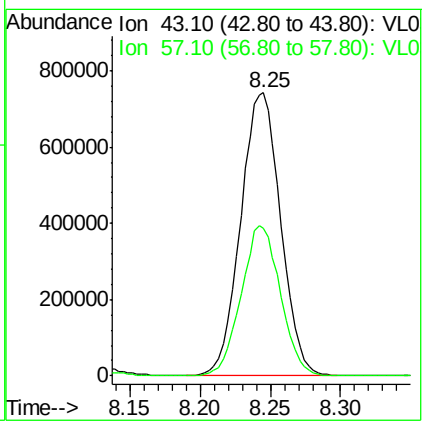


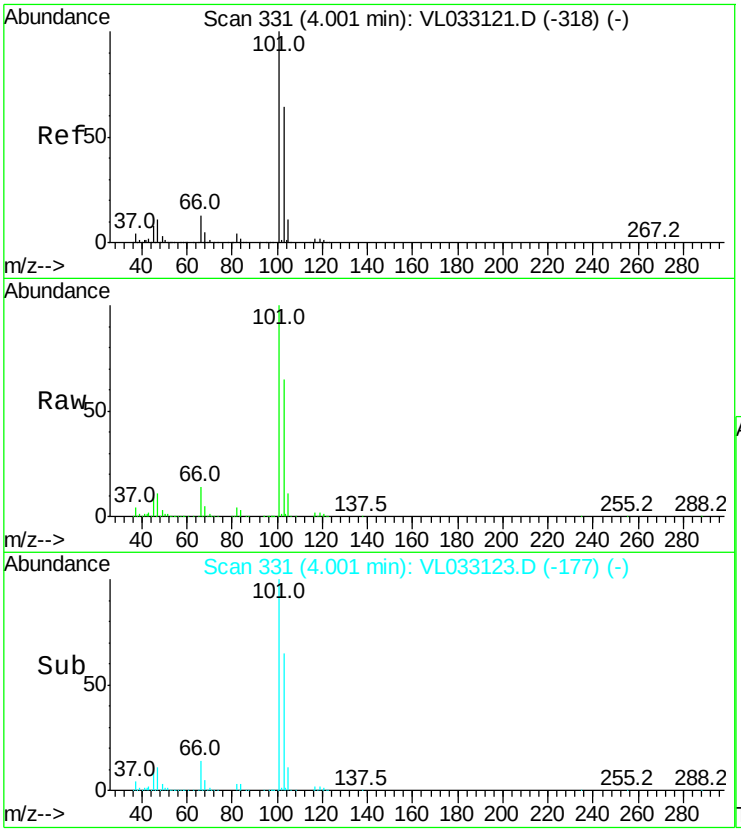




#10
Heptane
Concen: 9.398 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 43 Resp: 1466731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 52.3 | 42.2 | 63.2 |



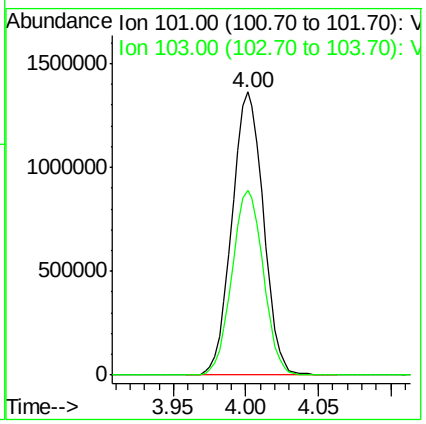


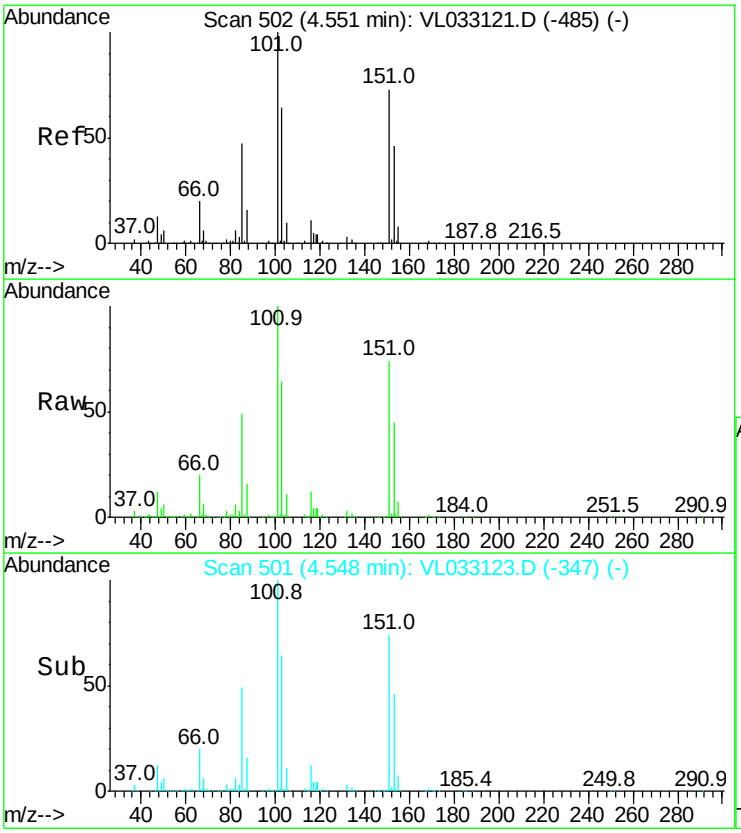

#11
Trichlorofluoromethane
Concen: 8.158 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion:101 Resp: 2049336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.2 | 49.4 | 74.0 |

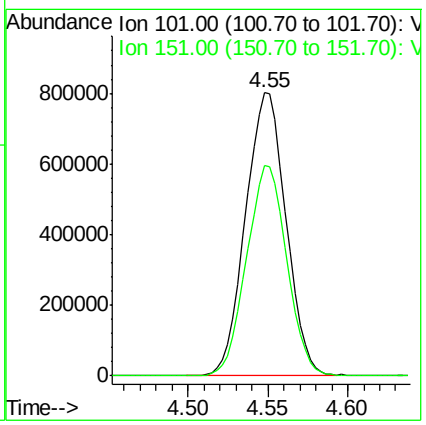


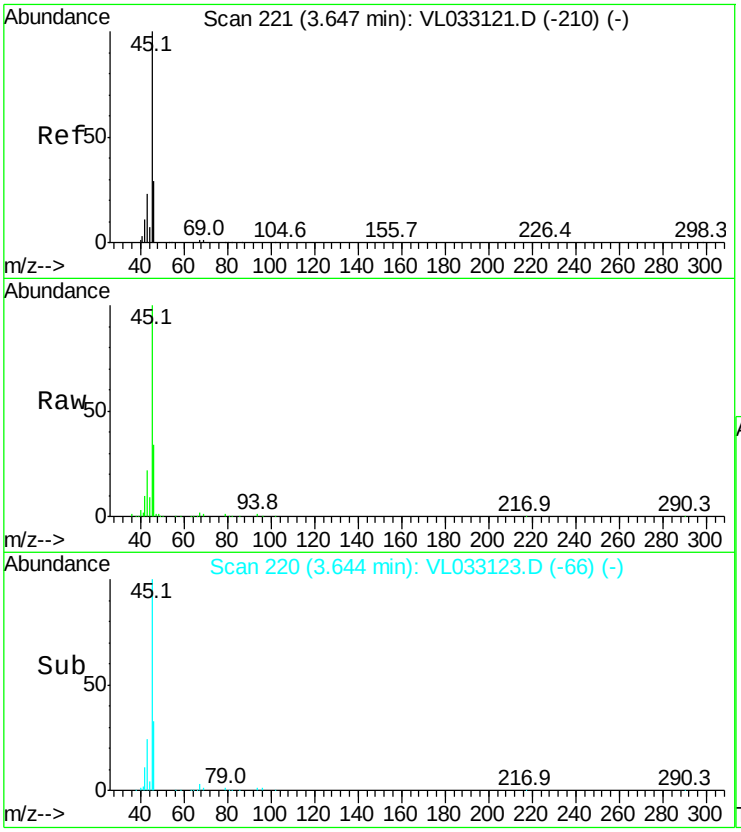




#12
1,1,2-Trichlorotrifluoroethane
Concen: 7.953 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:101 Resp: 1386240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 74.2 | 57.9 | 86.9 |



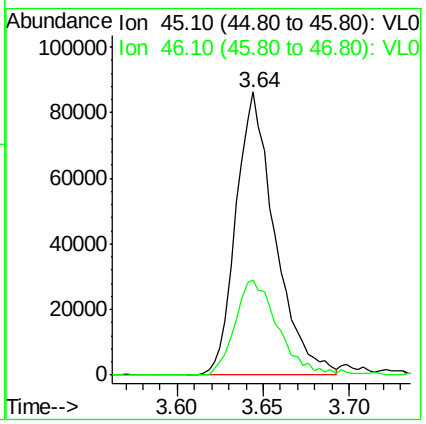


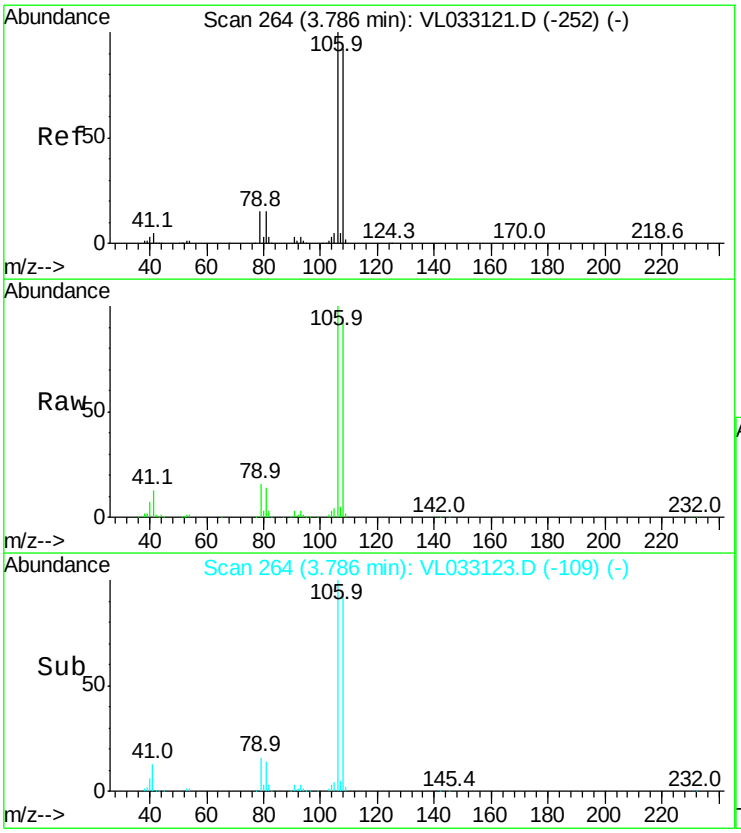

#13
Ethanol
Concen: 5.911 ppbv
RT: 3.64 min Scan# 220
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 45 Resp: 136426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.7 | 15.0 | 60.2 |

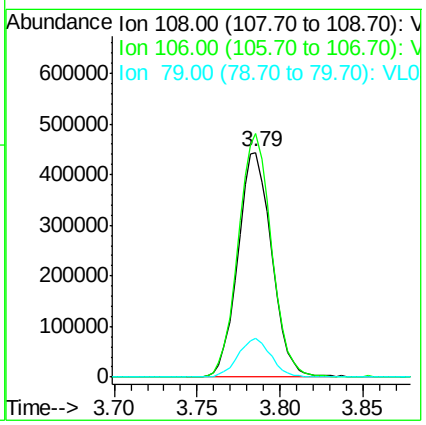


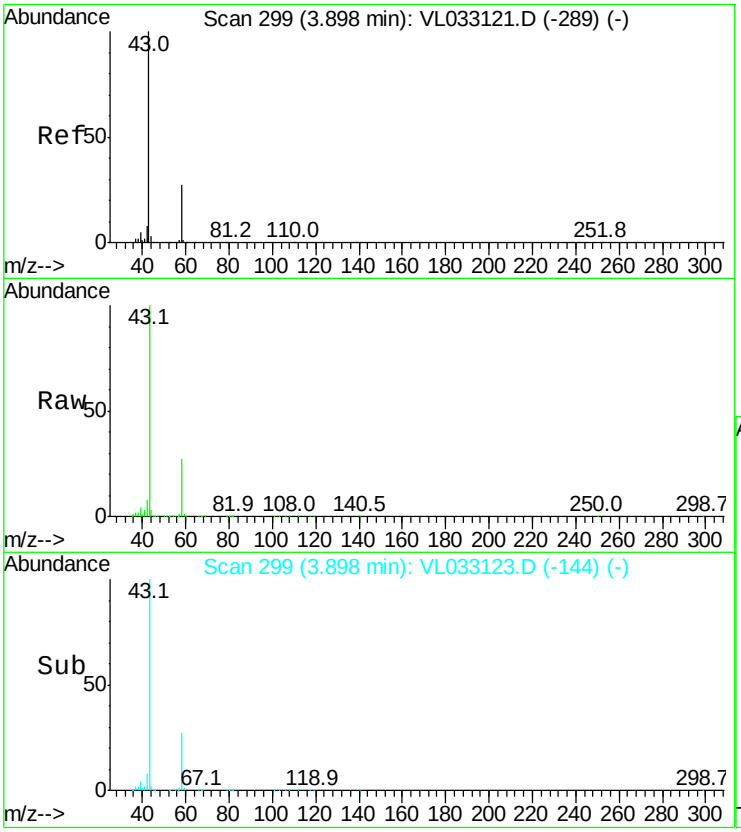




#14
Bromoethene
Concen: 8.327 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:108 Resp: 628657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 107.5 | 85.5 | 128.3 |
| 79 | 17.1 | 13.8 | 20.6 |



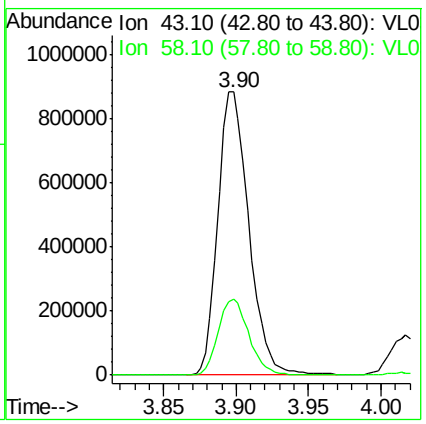


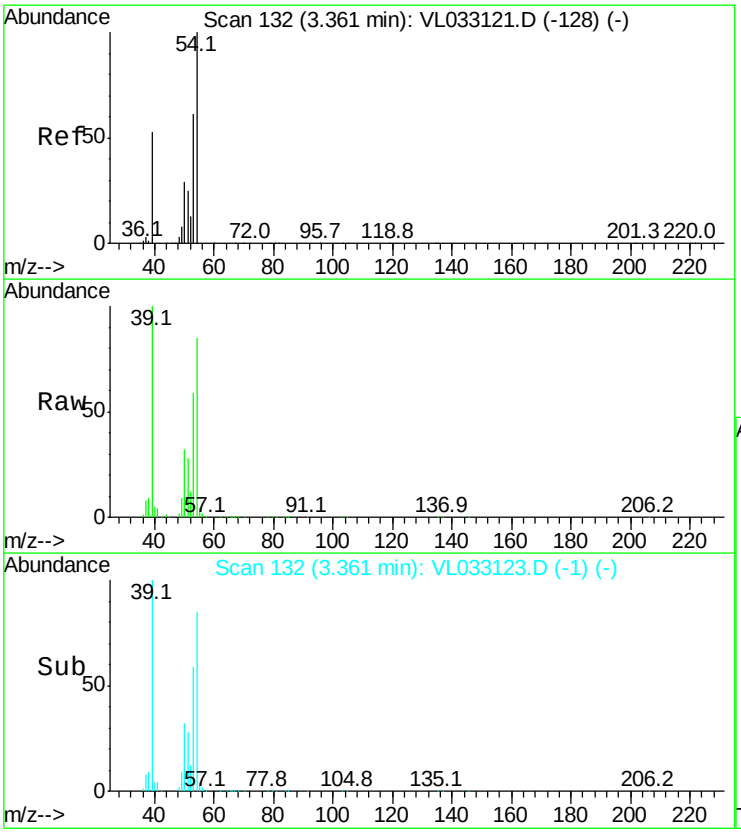

#15
Acetone
Concen: 7.768 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 43 Resp: 1305753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.8 | 21.1 | 31.7 |

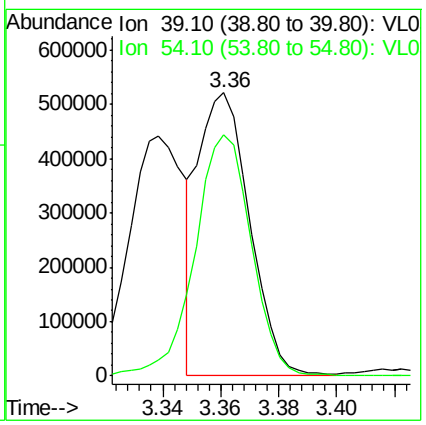


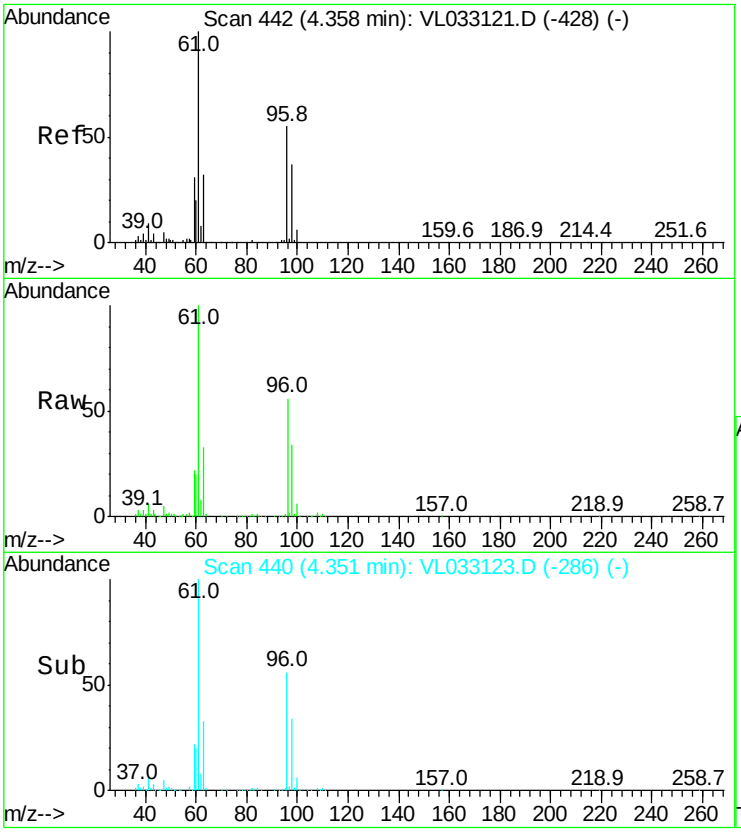




#16
1,3-Butadiene
Concen: 9.064 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 39 Resp: 636835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 95.1 | 80.0 | 120.0 |



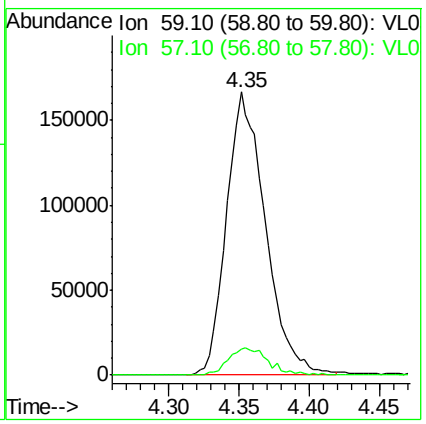


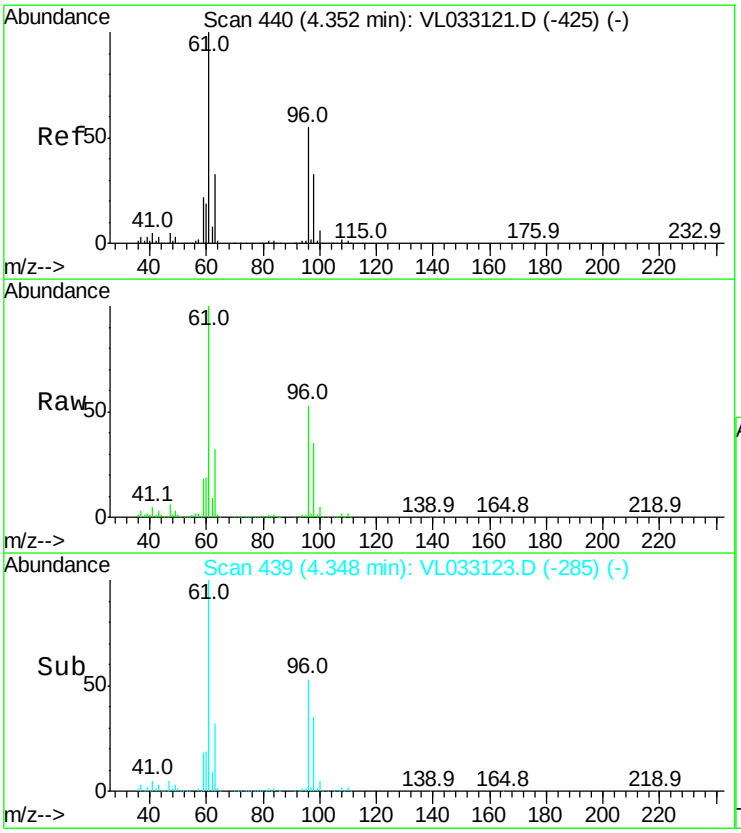

#17
tert-Butyl alcohol
Concen: 8.610 ppbv
RT: 4.35 min Scan# 440
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 59 Resp: 321337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 7.4 | 11.2 |

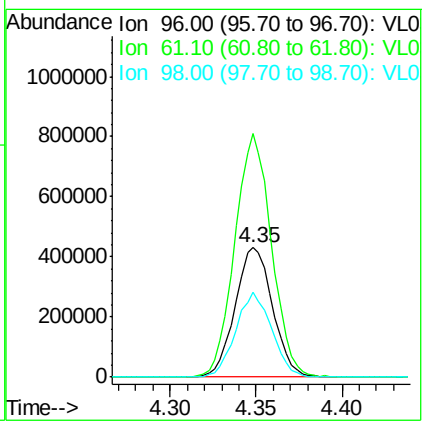


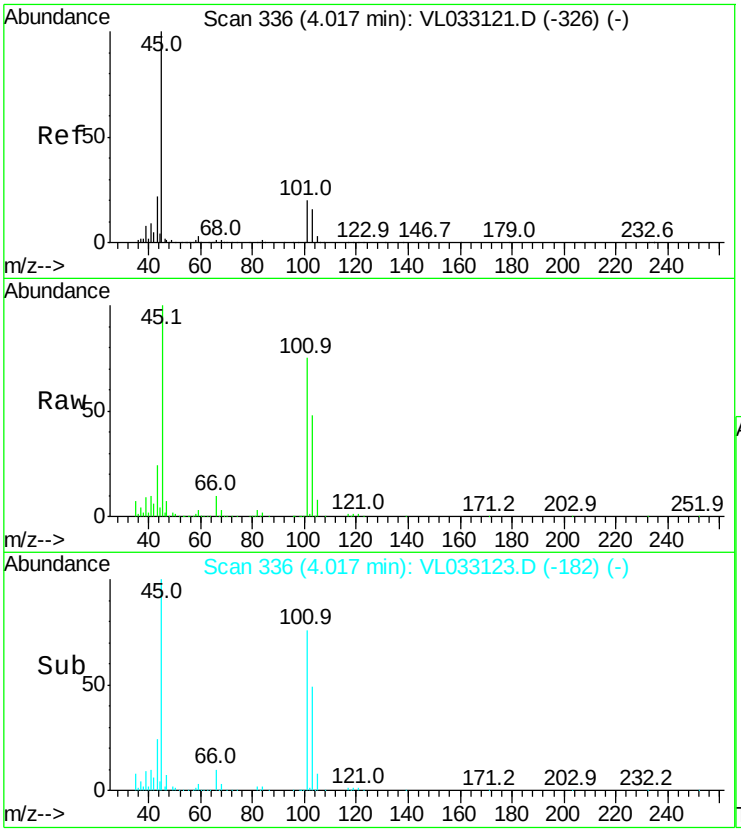




#18
1,1-Dichloroethene
Concen: 8.398 ppbv
RT: 4.35 min Scan# 439
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 96 Resp: 649770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 187.9 | 142.6 | 213.8 |
| 98 | 65.2 | 51.4 | 77.0 |



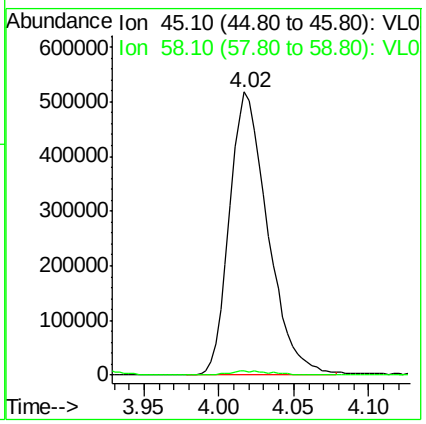


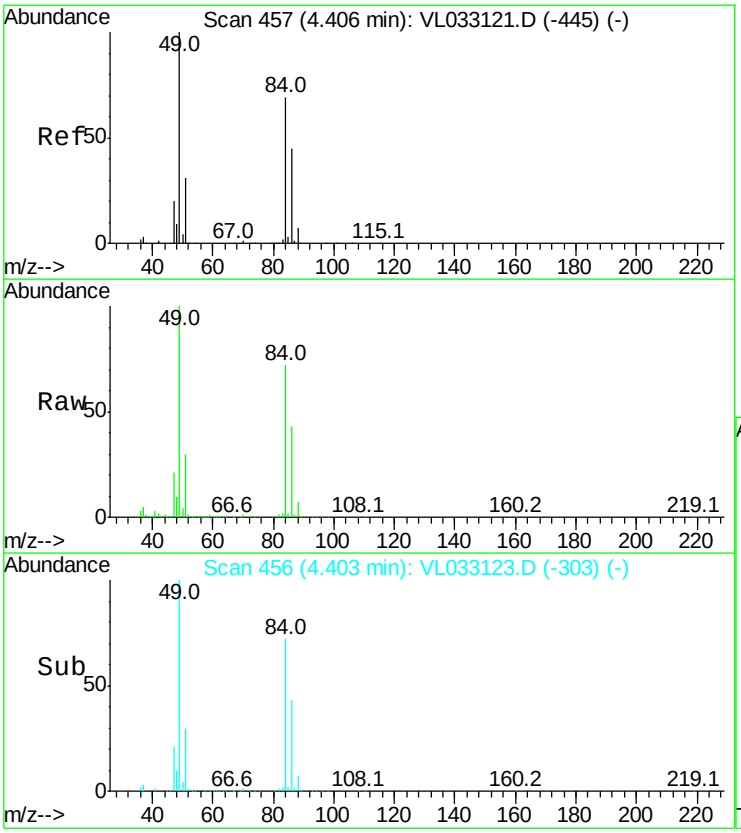

#19
Isopropyl Alcohol
Concen: 8.072 ppbv
RT: 4.02 min Scan# 336
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 45 Resp: 924019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1.7 | 1.4 | 2.2 |

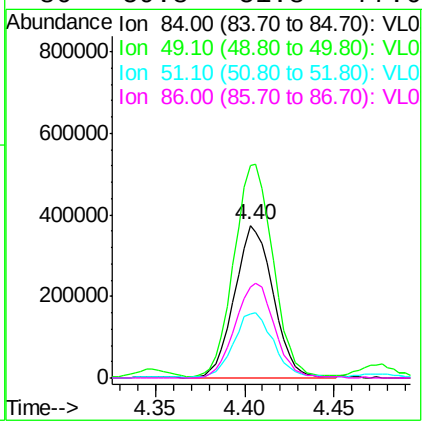


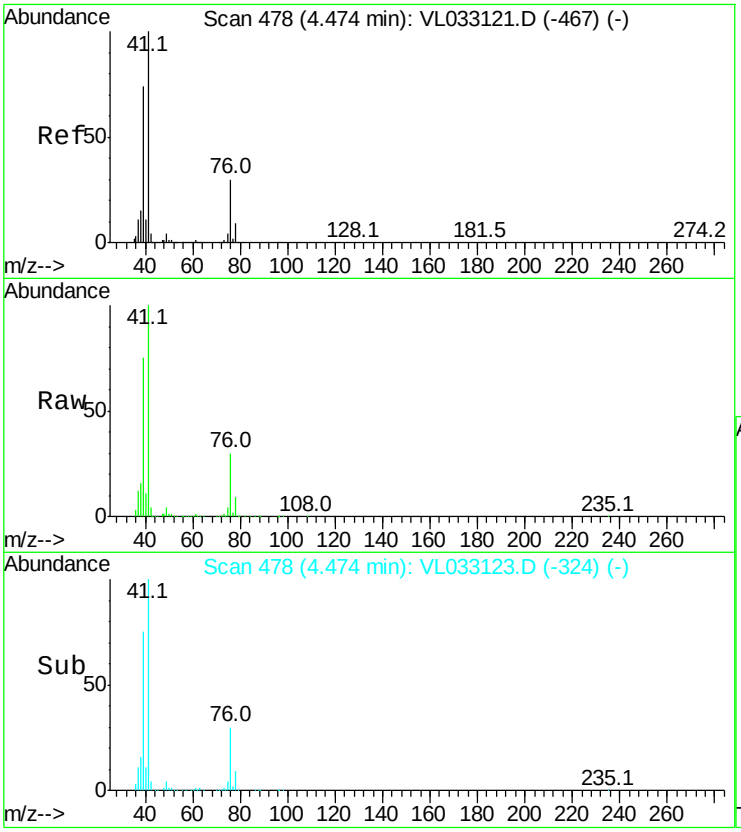




#20
Methylene Chloride
Concen: 7.330 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 84 Resp: 559481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 137.9 | 113.8 | 170.6 |
| 51 | 41.3 | 34.5 | 51.7 |
| 86 | 59.8 | 51.8 | 77.6 |



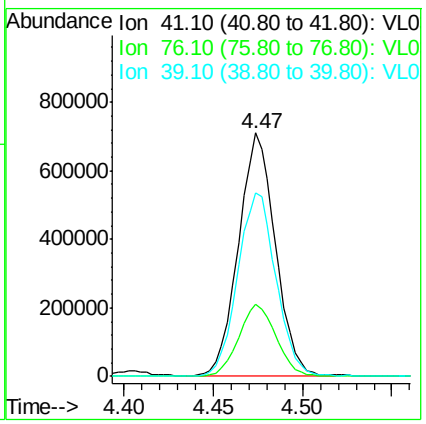


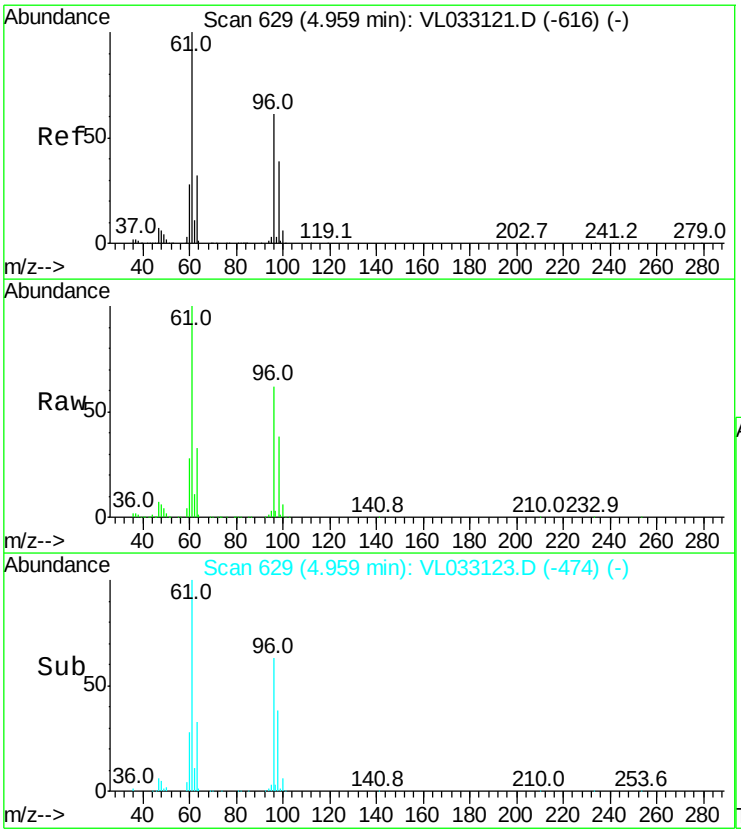

#21
Allyl Chloride
Concen: 8.758 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 41 Resp: 1025679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 30.1 | 24.6 | 37.0 |
| 39 | 78.0 | 63.3 | 94.9 |

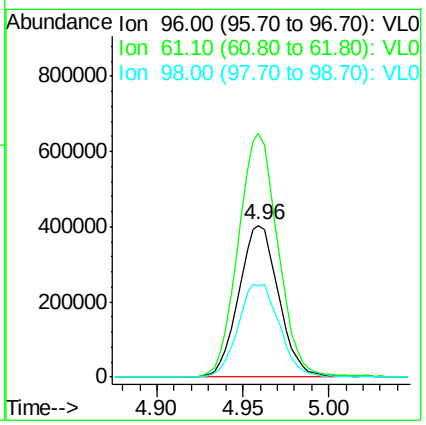


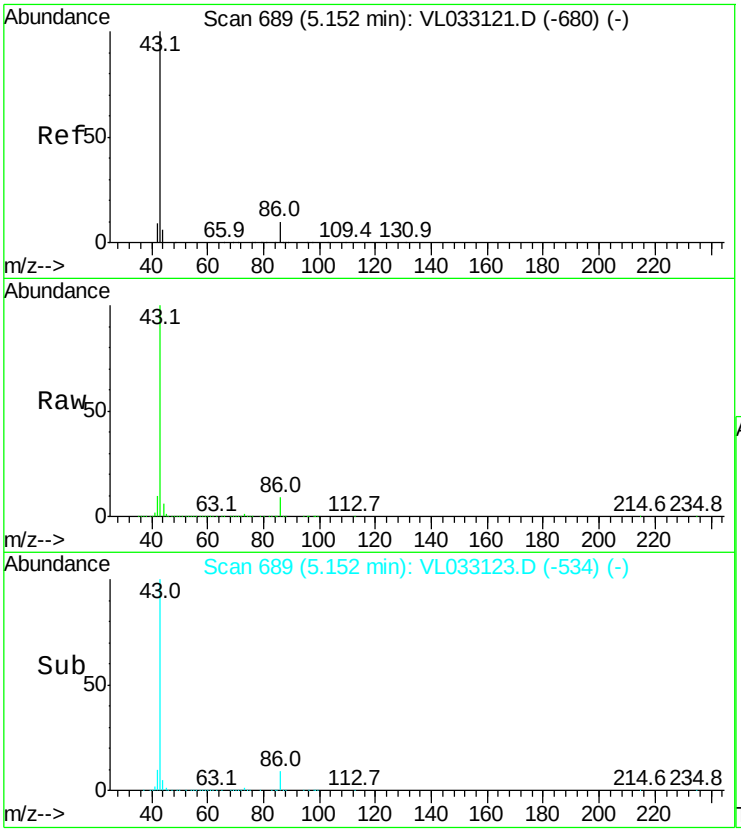




#22
trans-1,2-Dichloroethene
Concen: 8.325 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 96 Resp: 647046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.0 | 127.6 | 191.4 |
| 98 | 60.1 | 48.6 | 73.0 |



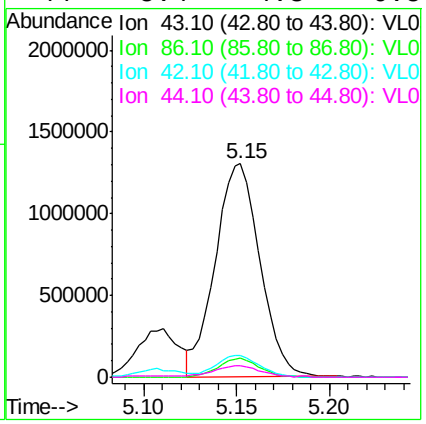


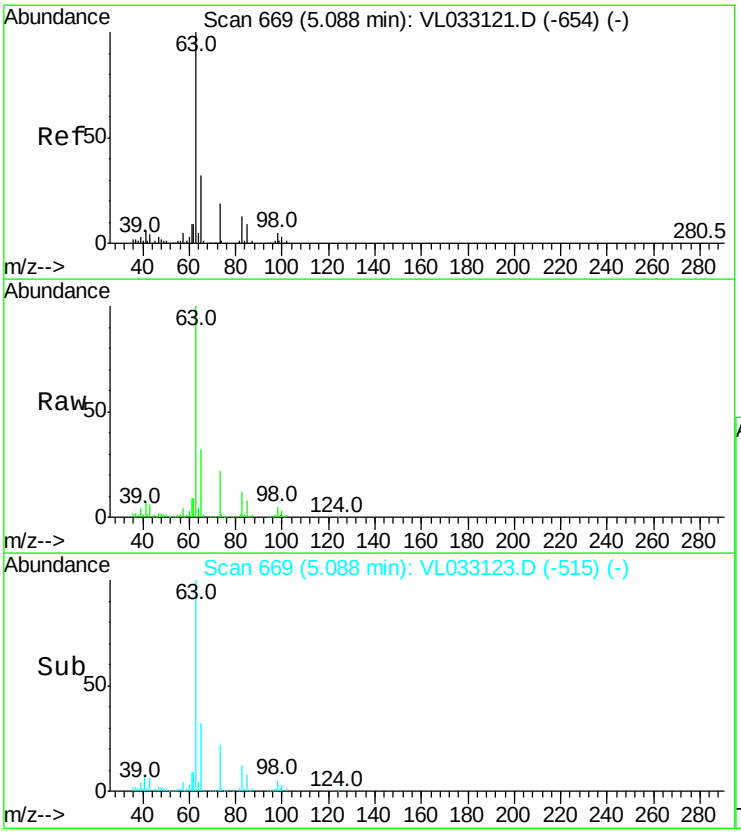

#23
Vinyl Acetate
Concen: 9.135 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 43 Resp: 2171276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.8 | 6.7 | 10.1 |
| 42 | 10.1 | 8.1 | 12.1 |
| 44 | 5.4 | 4.3 | 6.5 |

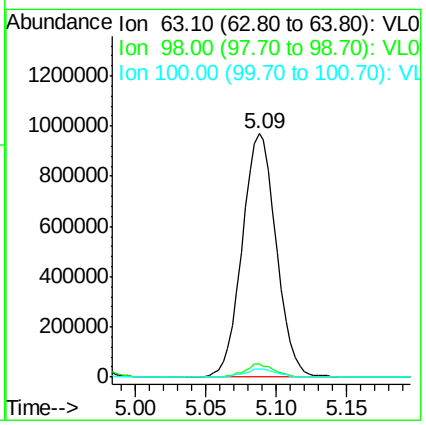


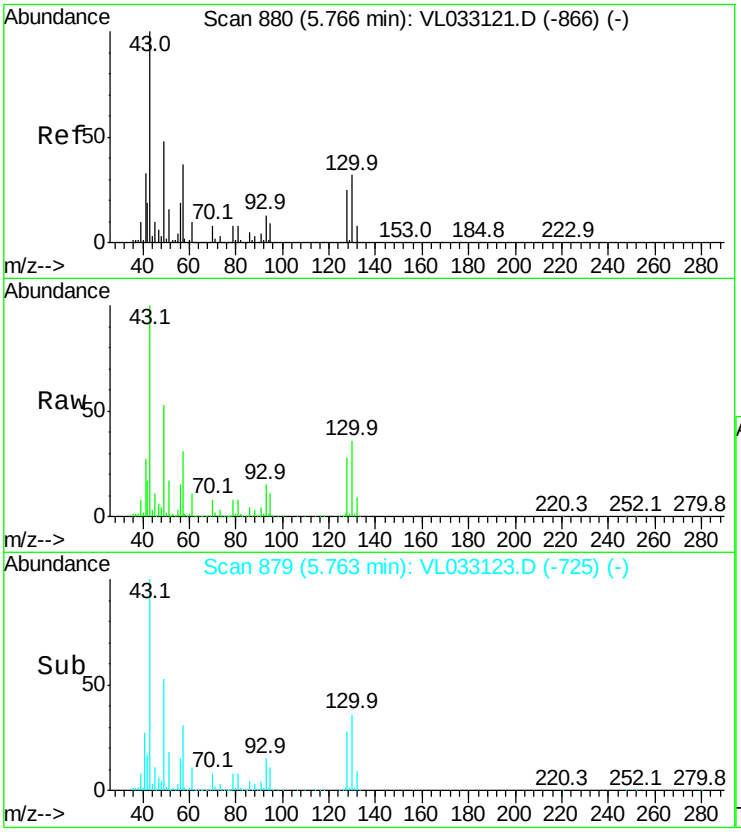




#24
1,1-Dichloroethane
Concen: 8.489 ppbv
RT: 5.09 min Scan# 669
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 63 Resp: 1634043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.3 | 2.5 | 7.4 |
| 100 | 3.3 | 1.4 | 4.2 |



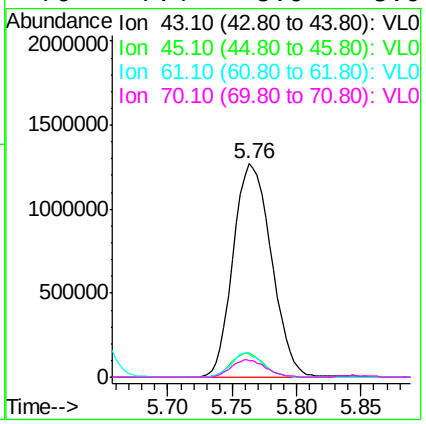


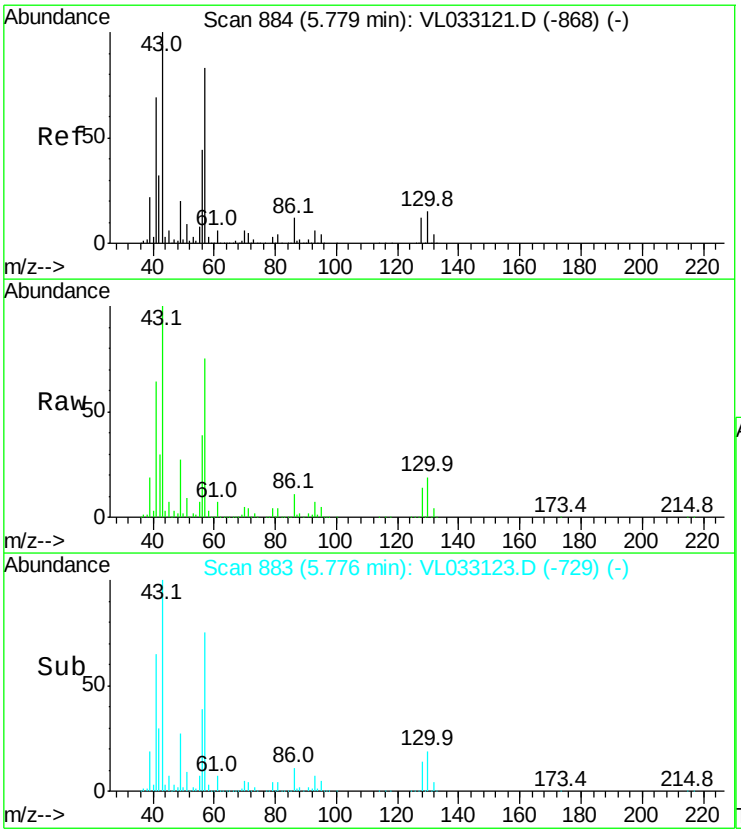

#25
Ethyl Acetate
Concen: 8.766 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 43 Resp: 2621333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 9.7 | 8.0 | 12.0 |
| 61 | 9.6 | 7.6 | 11.4 |
| 70 | 7.4 | 5.9 | 8.9 |

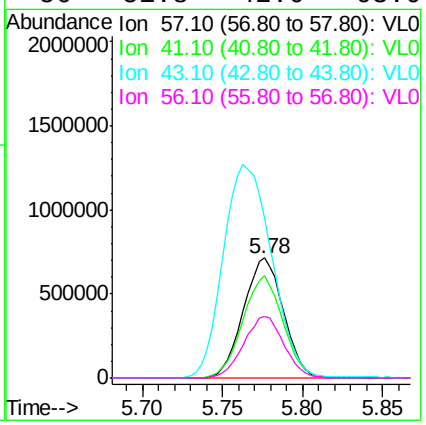


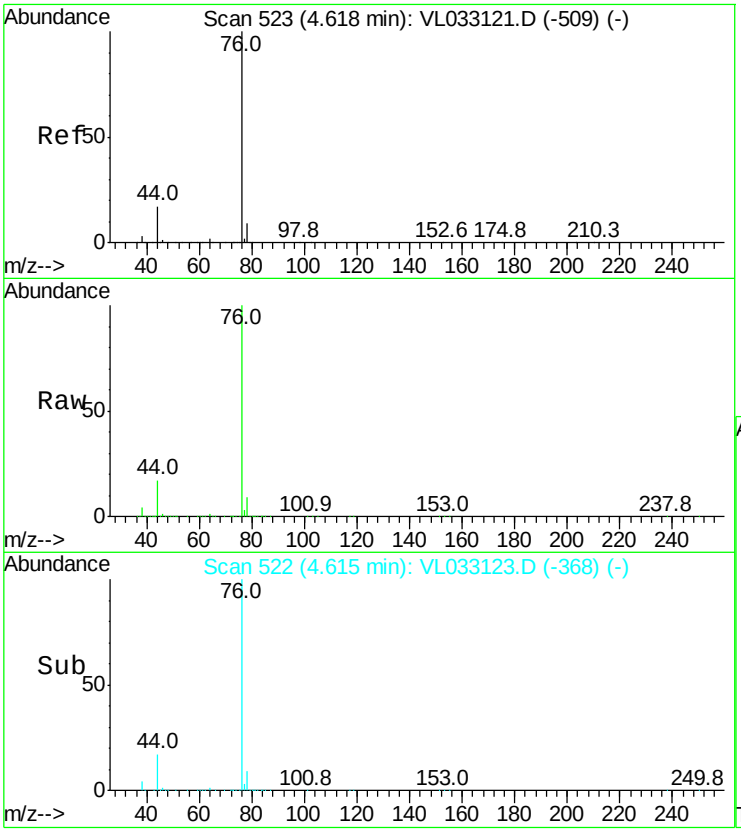




#26
Hexane
Concen: 8.477 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 57 Resp: 1215819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 86.3 | 69.9 | 104.9 |
| 43 | 216.5 | 169.0 | 253.4 |
| 56 | 51.8 | 42.0 | 63.0 |



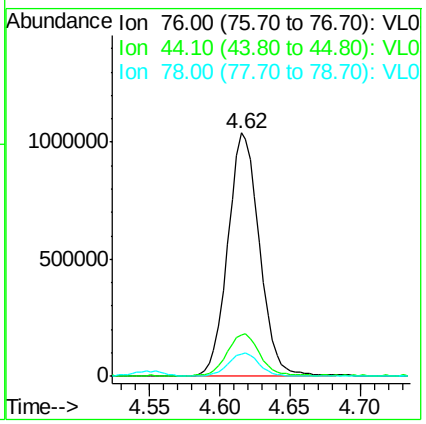


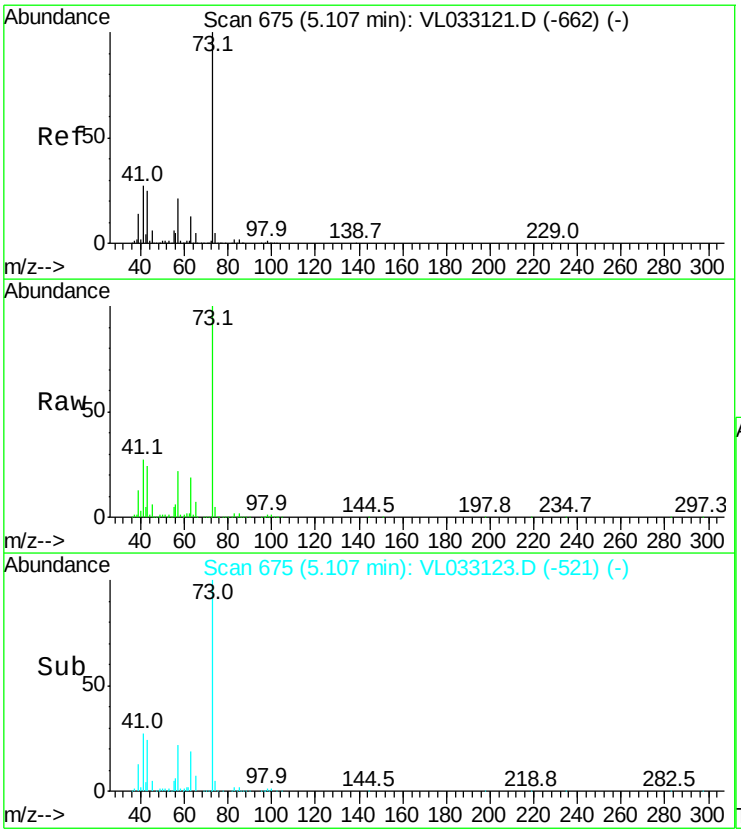

#27
Carbon Disulfide
Concen: 8.731 ppbv
RT: 4.62 min Scan# 522
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 76 Resp: 1634960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 17.0 | 15.0 | 22.4 |
| 78 | 9.4 | 7.6 | 11.4 |

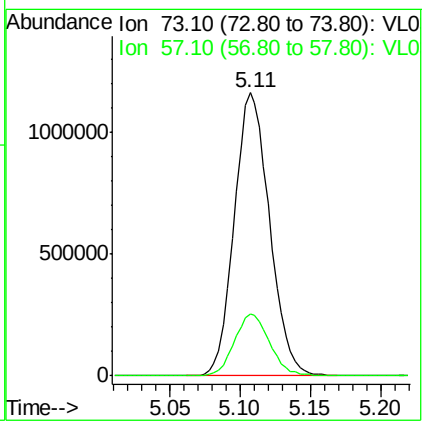


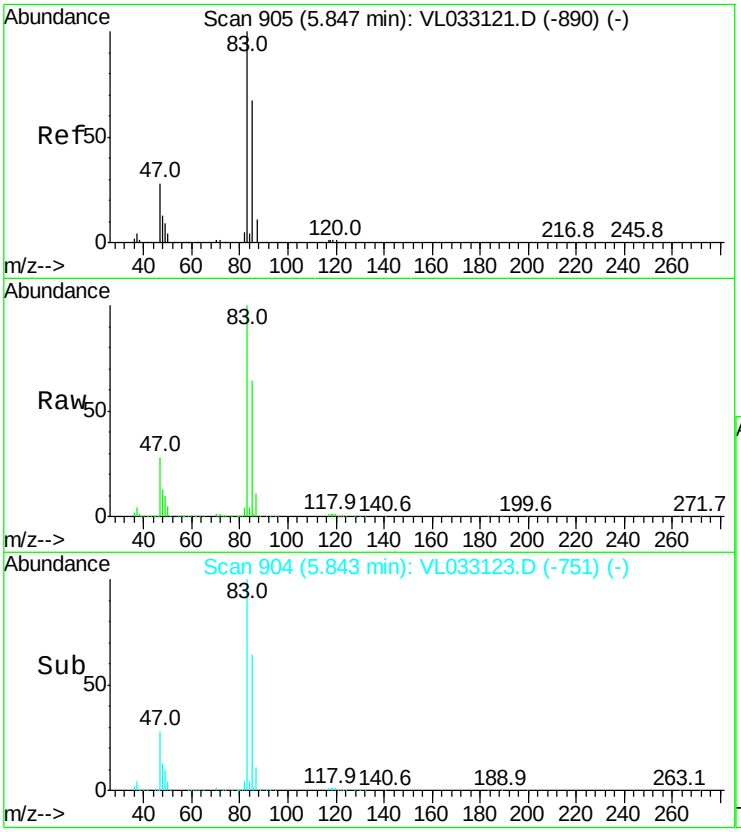




#28
Methyl tert-Butyl Ether
Concen: 9.043 ppbv
RT: 5.11 min Scan# 675
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 73 Resp: 2035270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.0 | 17.6 | 26.4 |



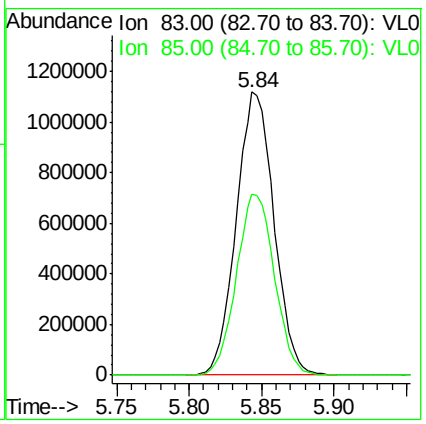


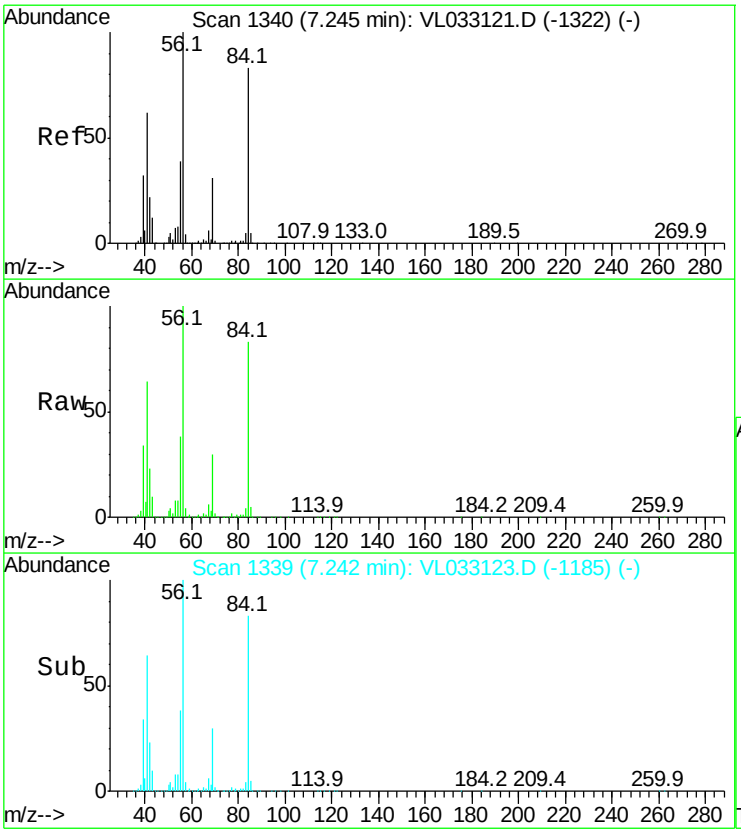

#29
Chloroform
Concen: 8.559 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 83 Resp: 2022639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 50.4 | 75.6 |

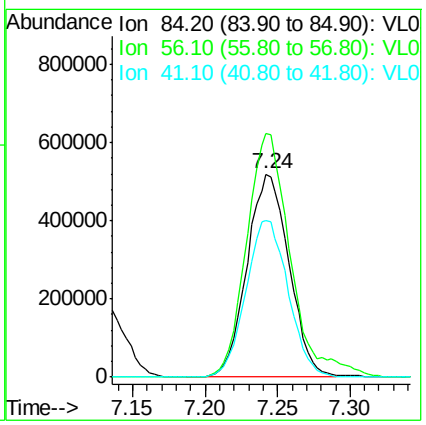


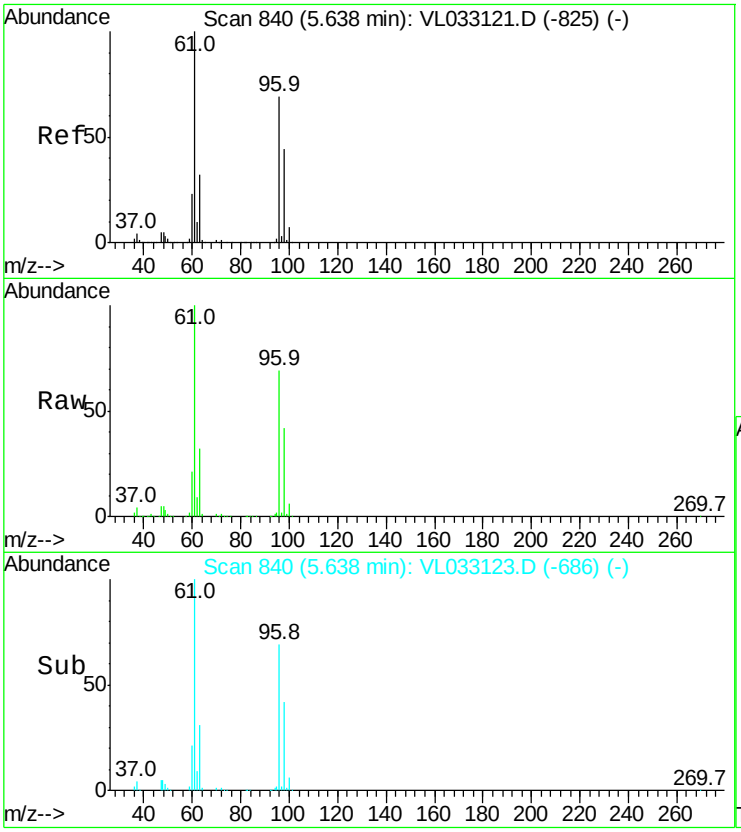




#30
Cyclohexane
Concen: 9.703 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 84 Resp: 1045397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 125.7 | 102.4 | 153.6 |
| 41 | 77.7 | 62.7 | 94.1 |



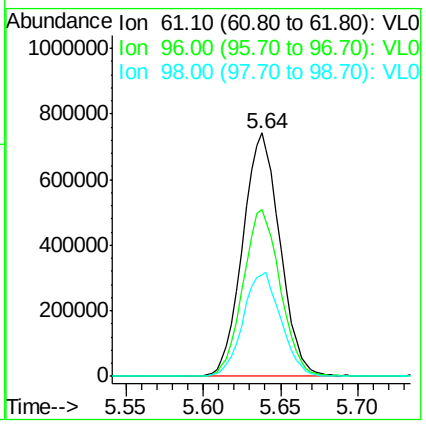


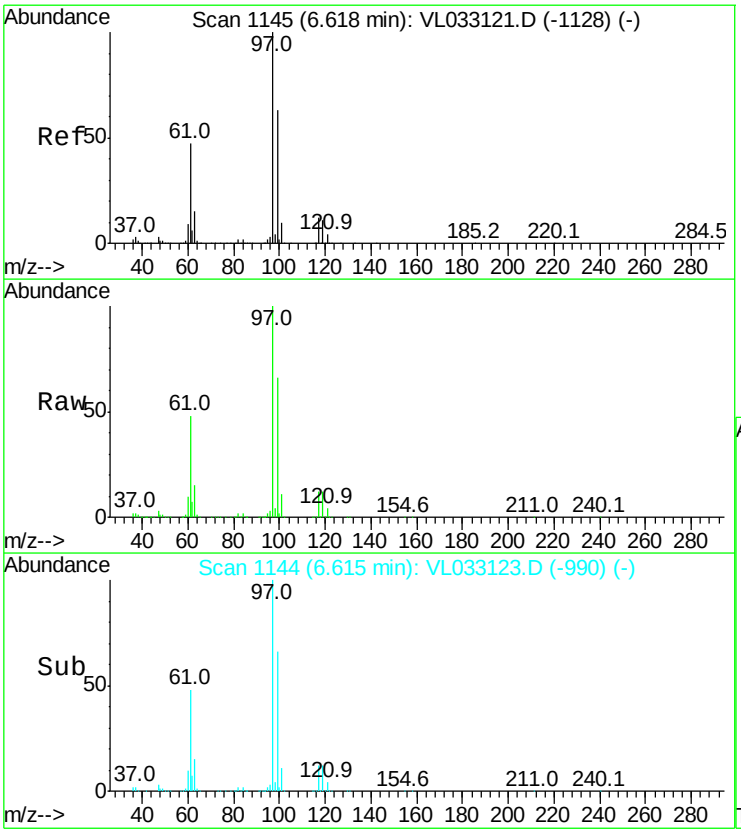

#31
cis-1,2-Dichloroethene
Concen: 9.507 ppbv
RT: 5.64 min Scan# 840
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 61 Resp: 1244877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 68.6 | 57.6 | 86.4 |
| 98 | 41.7 | 37.0 | 55.4 |

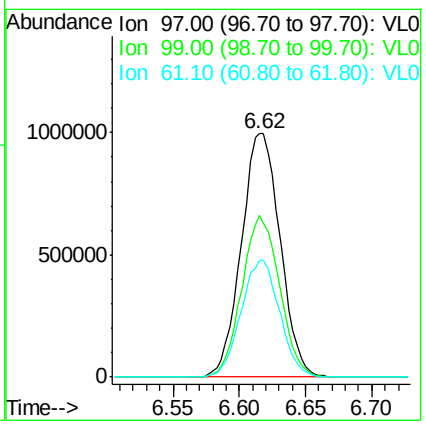


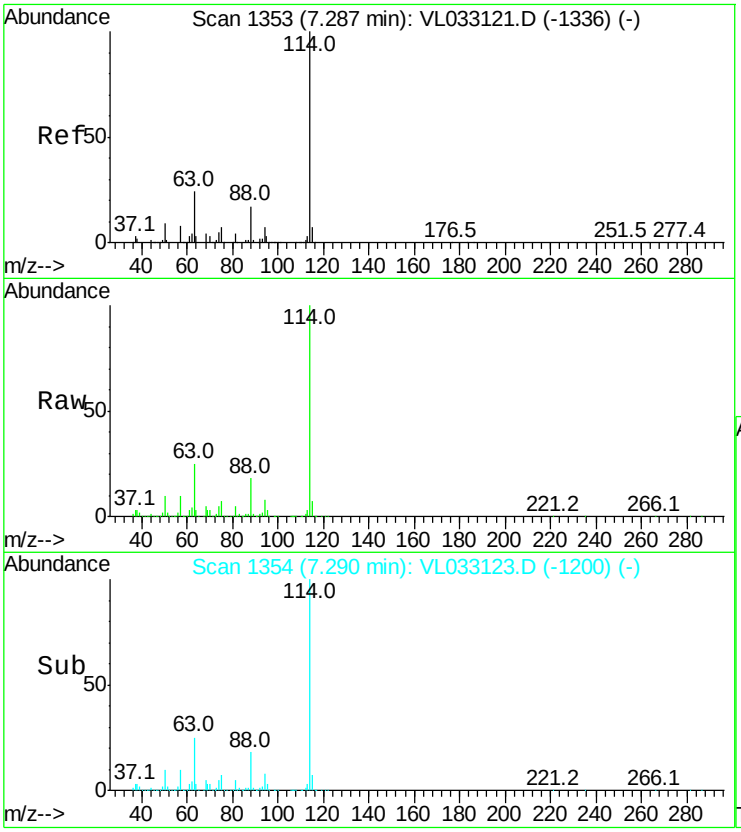




#32
1,1,1-Trichloroethane
Concen: 6.637 ppbv
RT: 6.62 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 97 Resp: 2029363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.8 | 51.7 | 77.5 |
| 61 | 48.0 | 38.6 | 57.8 |



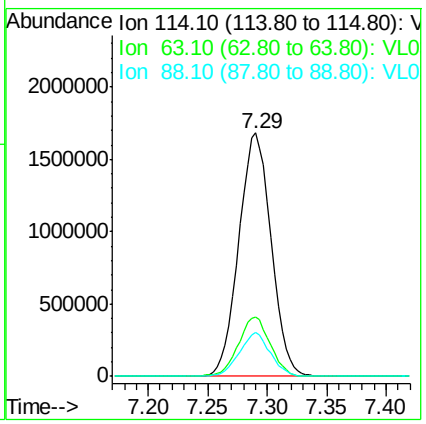


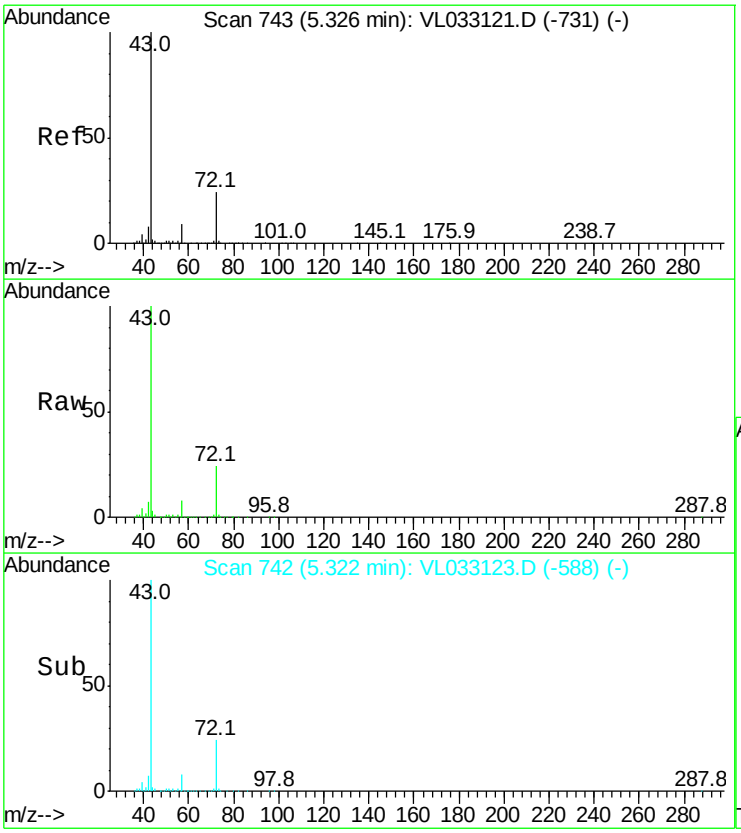

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion:114 Resp: 3166772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.2 | 19.8 | 29.8 |
| 88 | 17.3 | 14.2 | 21.2 |

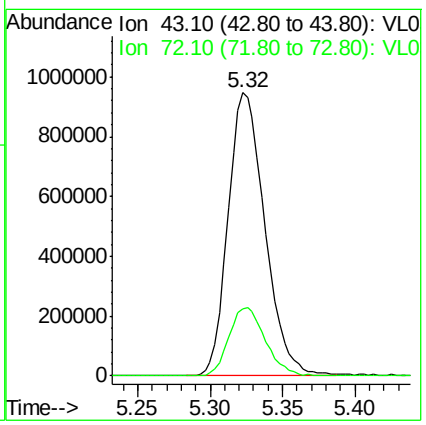


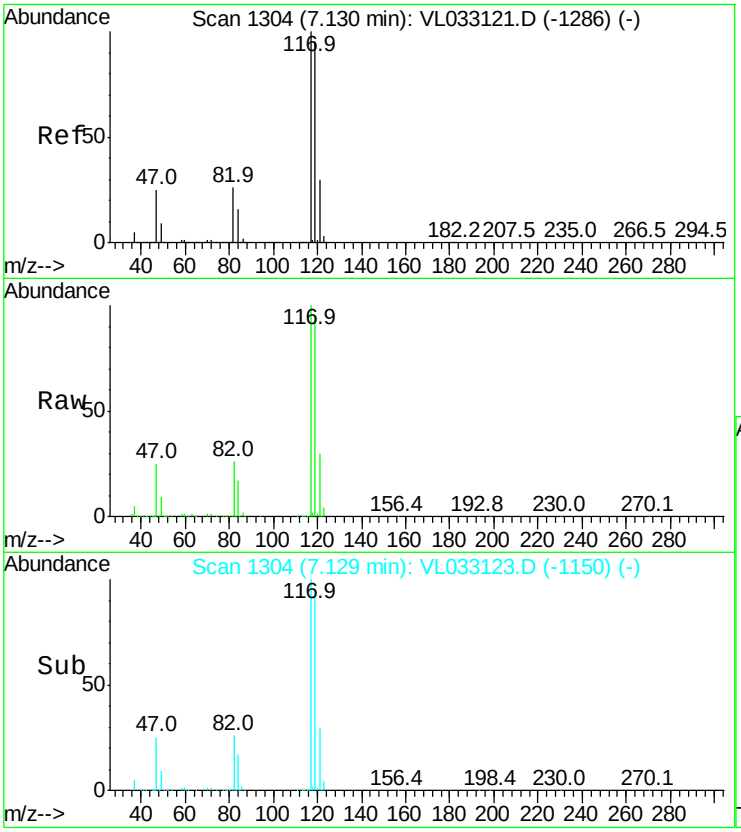




#34
2-Butanone
Concen: 9.231 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 43 Resp: 1658858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 24.0 | 18.7 | 28.1 |



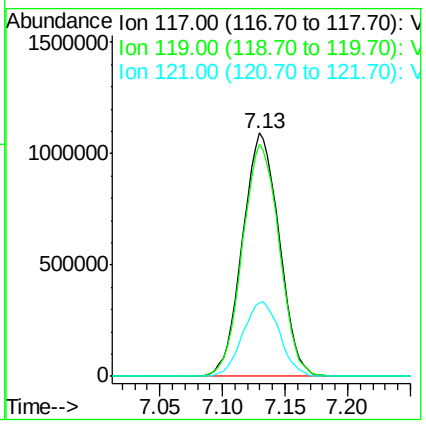


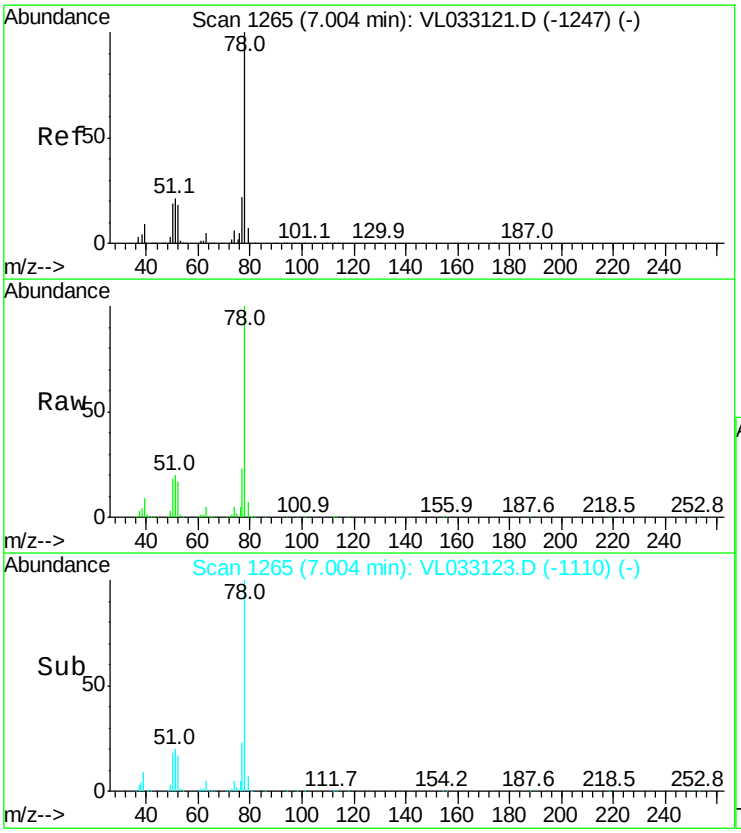

#35
Carbon Tetrachloride
Concen: 7.662 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:117 Resp: 2221478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 75.8 | 113.6 |
| 121 | 30.2 | 24.6 | 36.8 |

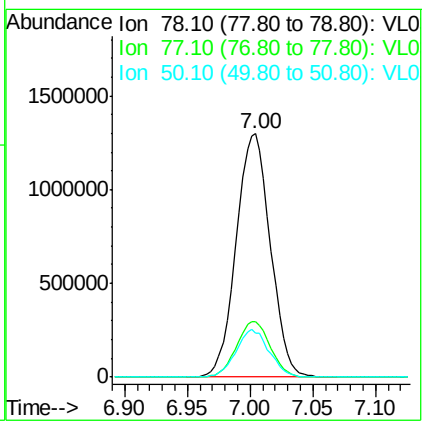


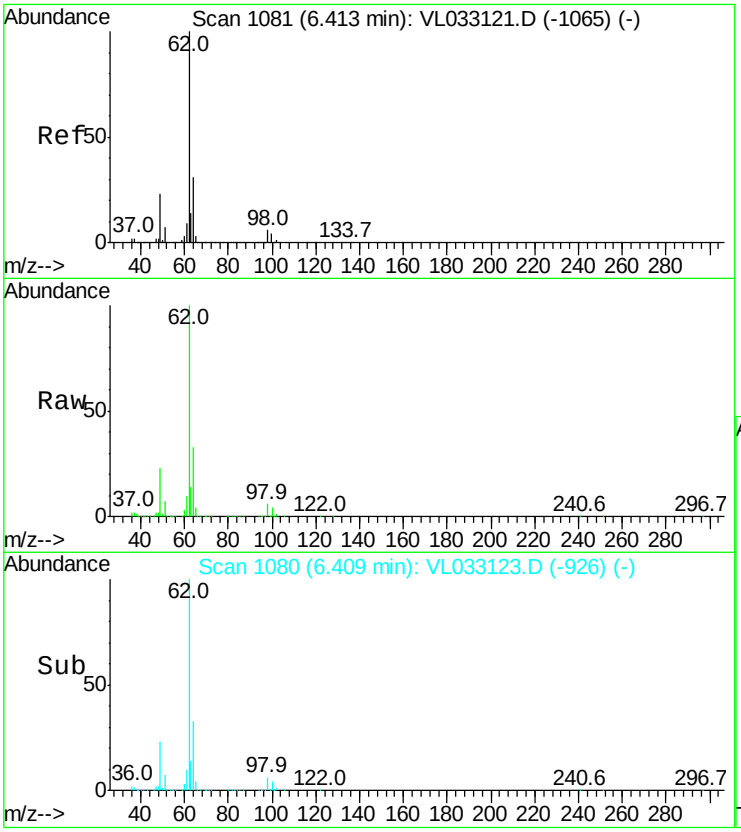




#36
Benzene
Concen: 8.791 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 78 Resp: 2456862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.7 | 18.5 | 27.7 |
| 50 | 18.3 | 15.4 | 23.2 |



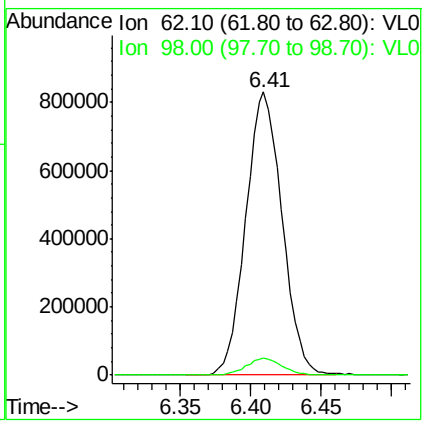


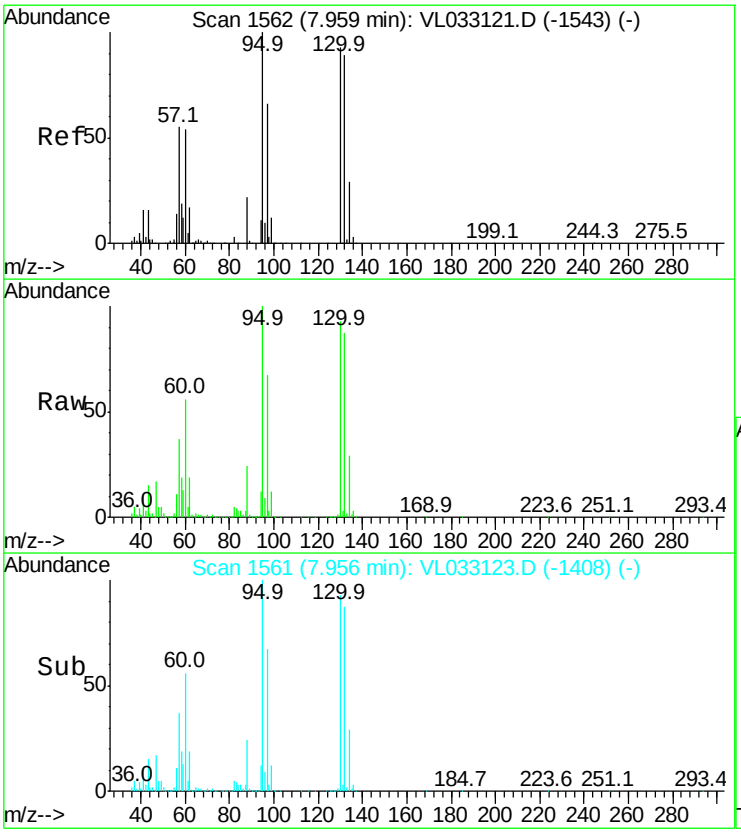

#37
1,2-Dichloroethane
Concen: 8.121 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 62 Resp: 1495413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.0 | 4.6 | 7.0 |

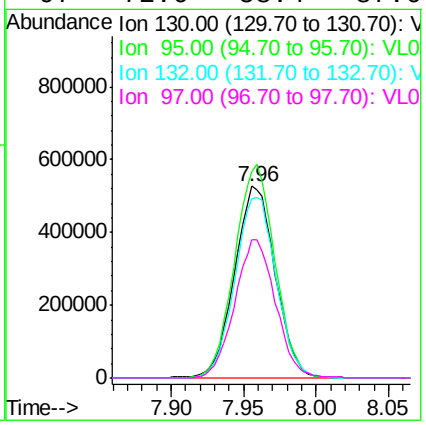


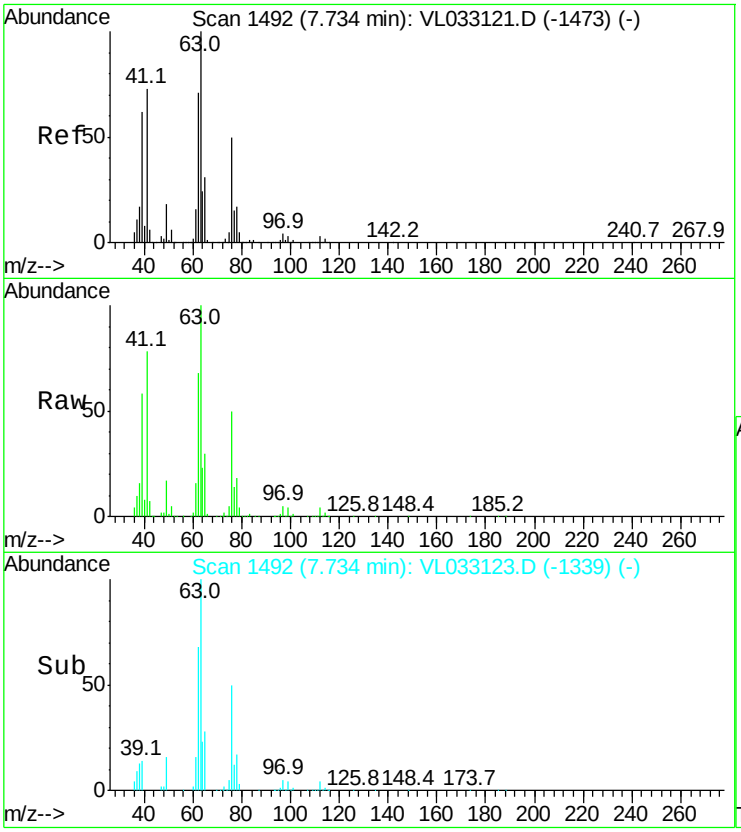




#38
Trichloroethene
Concen: 8.946 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:130 Resp: 1016093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 108.0 | 94.0 | 141.0 |
| 132 | 93.5 | 79.7 | 119.5 |
| 97 | 72.6 | 58.4 | 87.6 |



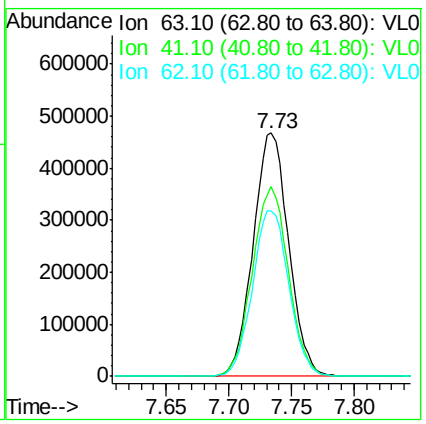


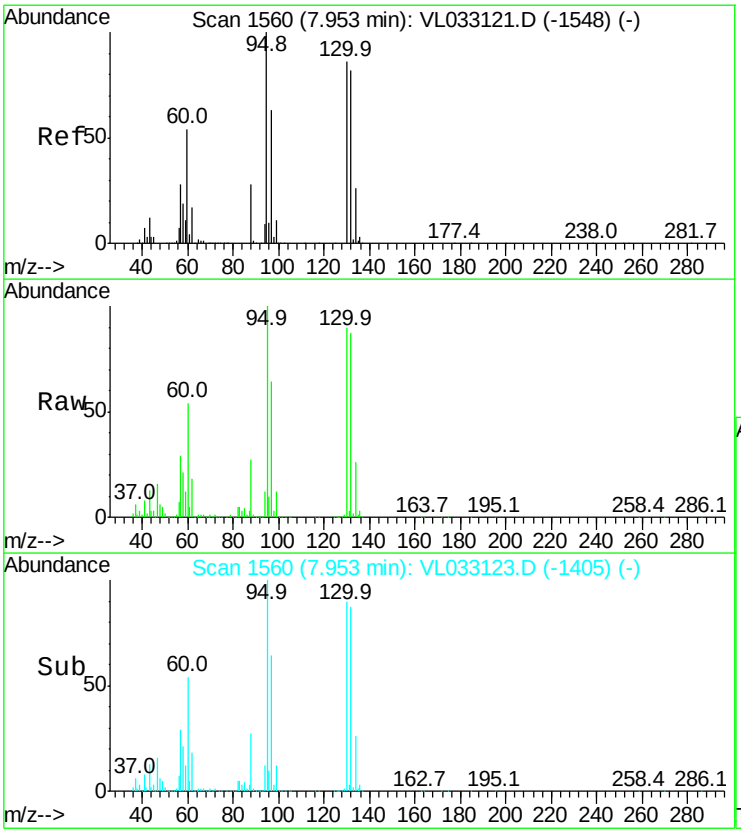

#39
1,2-Dichloropropane
Concen: 9.330 ppbv
RT: 7.73 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 63 Resp: 918177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 77.9 | 57.8 | 86.8 |
| 62 | 67.9 | 54.6 | 82.0 |

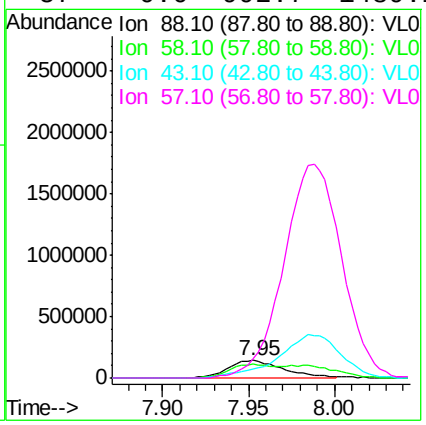


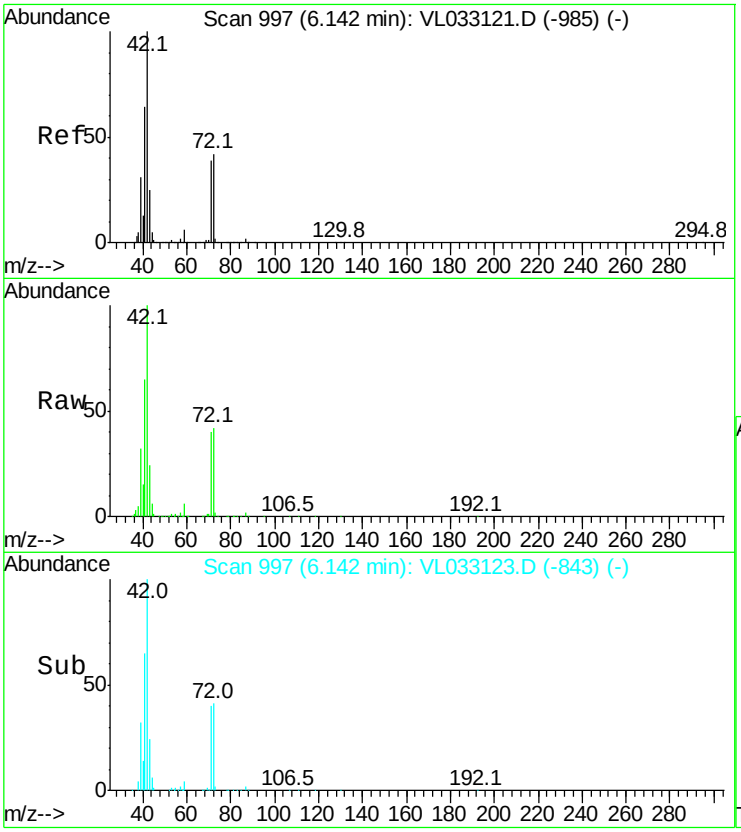




#40
1,4-Dioxane
Concen: 8.506 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 88 Resp: 319624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 130.6 | 103.5 | 155.3 |
| 43 | 0.0 | 217.8 | 326.8# |
| 57 | 0.0 | 992.7 | 1489.1# |



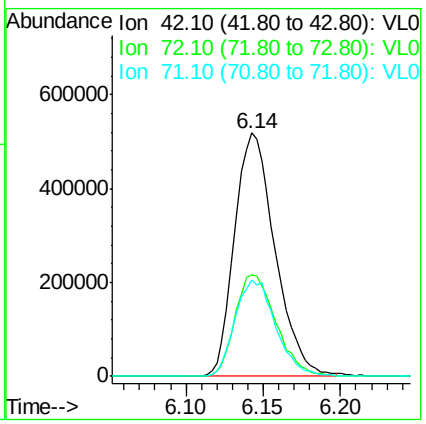


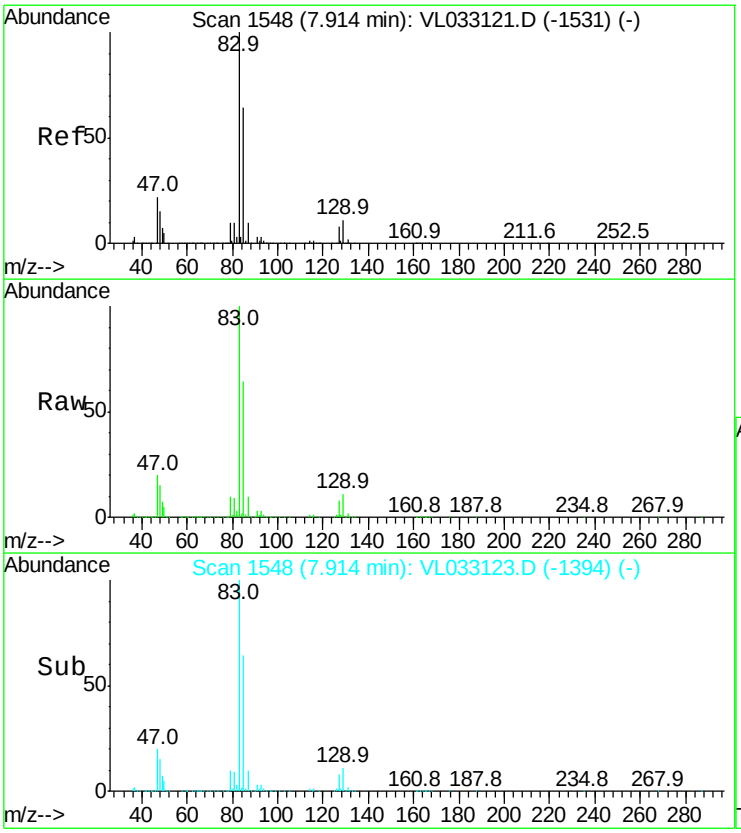

#41
Tetrahydrofuran
Concen: 9.335 ppbv
RT: 6.14 min Scan# 997
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 42 Resp: 944134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 42.2 | 33.8 | 50.8 |
| 71 | 40.0 | 31.6 | 47.4 |

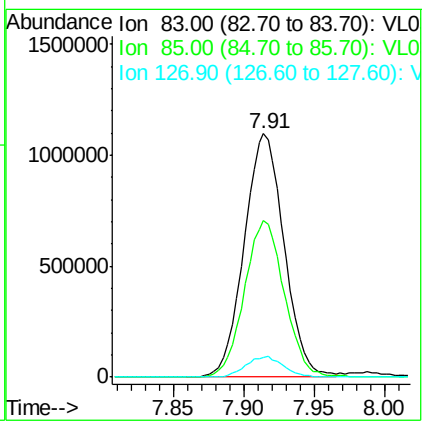


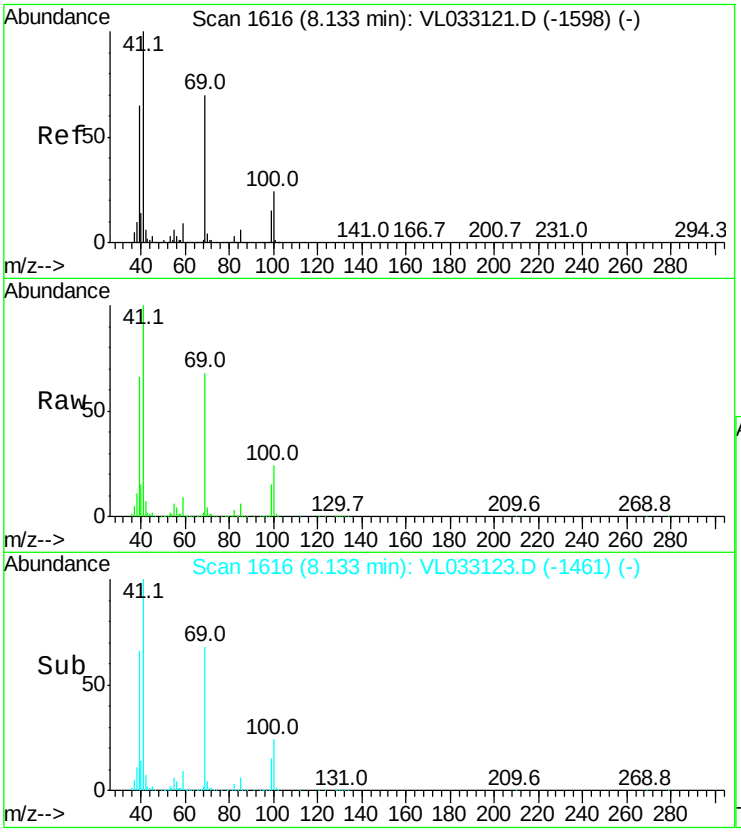




#42
Bromodichloromethane
Concen: 8.884 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 83 Resp: 2169659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.2 | 52.9 | 79.3 |
| 127 | 8.1 | 6.7 | 10.1 |



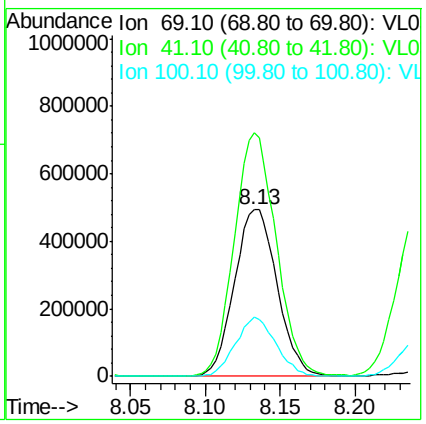


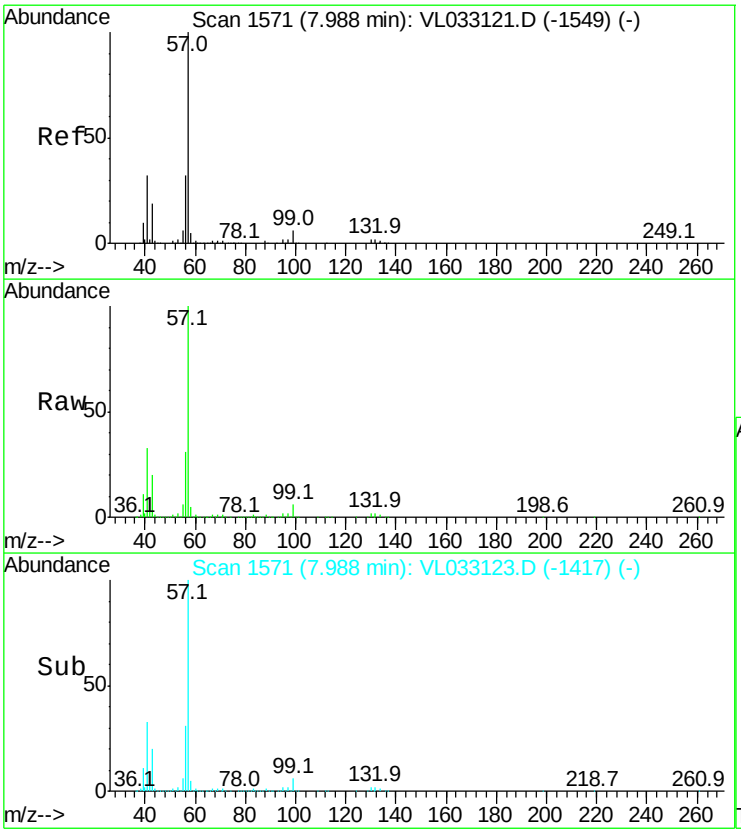

#43
Methyl Methacrylate
Concen: 10.032 ppbv
RT: 8.13 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 69 Resp: 981439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 143.1 | 113.9 | 170.9 |
| 100 | 33.6 | 26.2 | 39.4 |

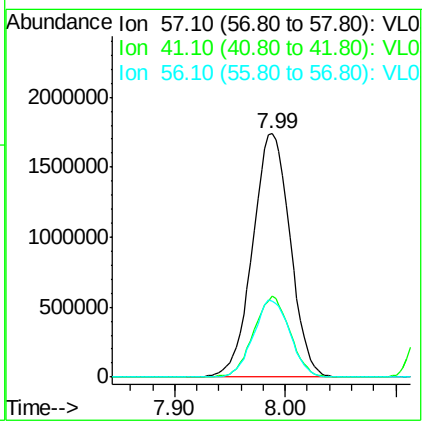


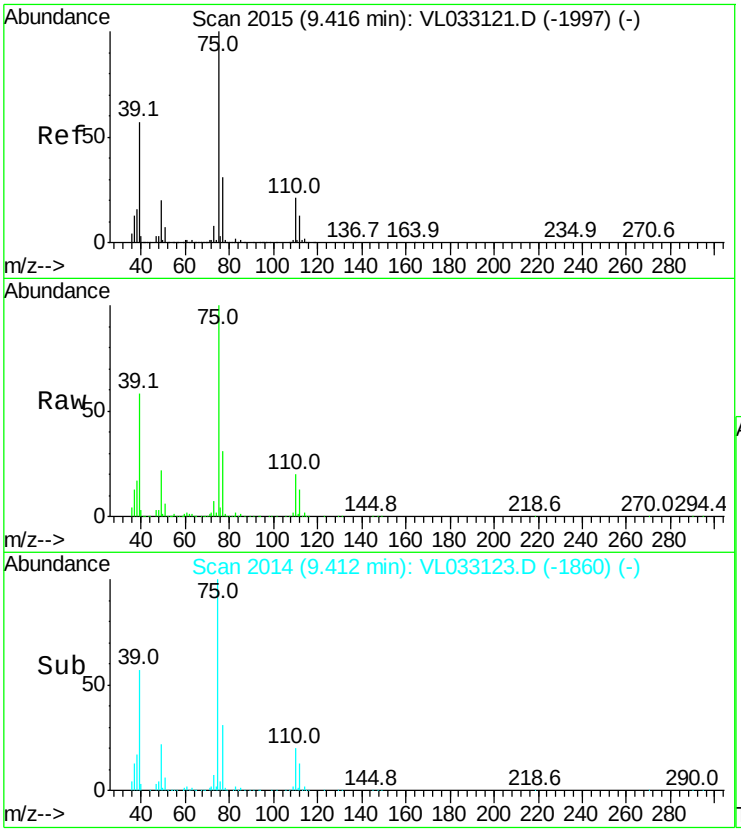




#44
2,2,4-Trimethylpentane
Concen: 9.297 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 57 Resp: 4102786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 31.9 | 26.1 | 39.1 |
| 56 | 30.8 | 25.0 | 37.4 |



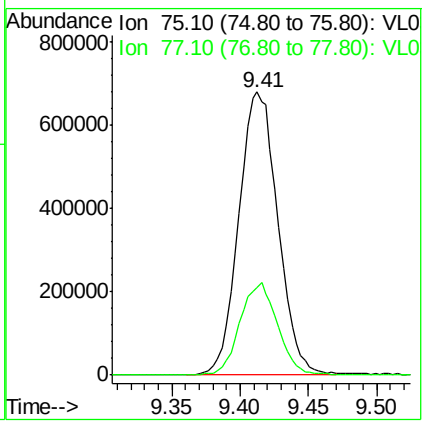


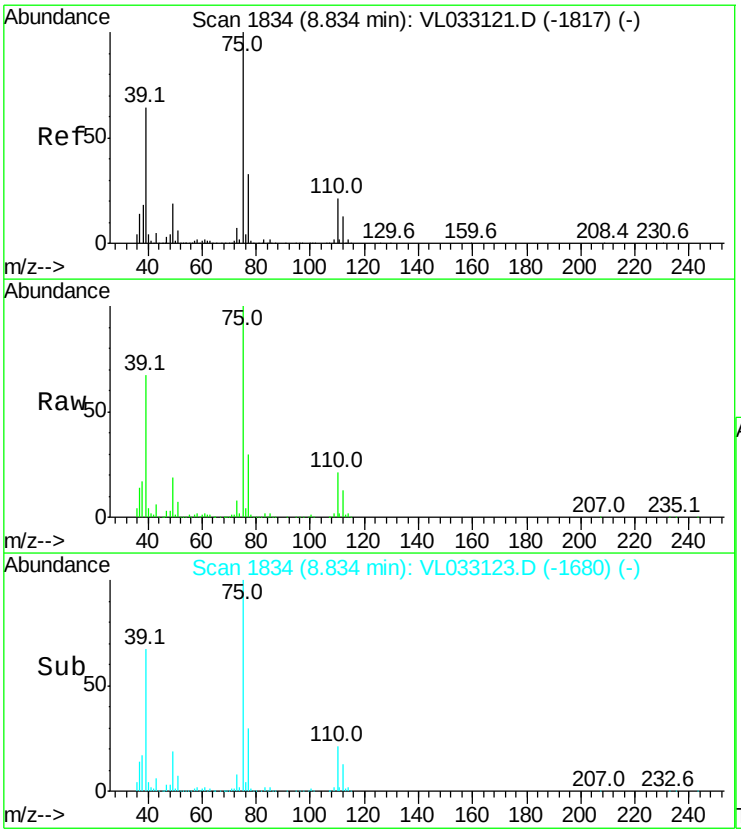

#45
t-1,3-Dichloropropene
Concen: 11.293 ppbv
RT: 9.41 min Scan# 2014
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion: 75 Resp: 1354609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 24.9 | 37.3 |

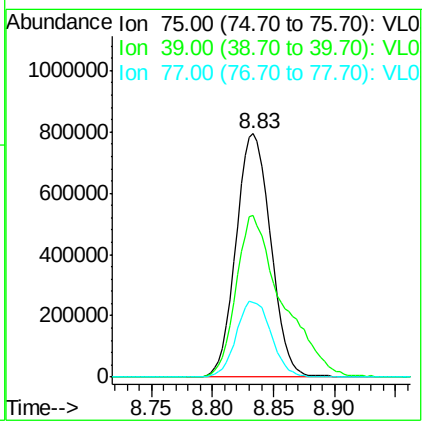


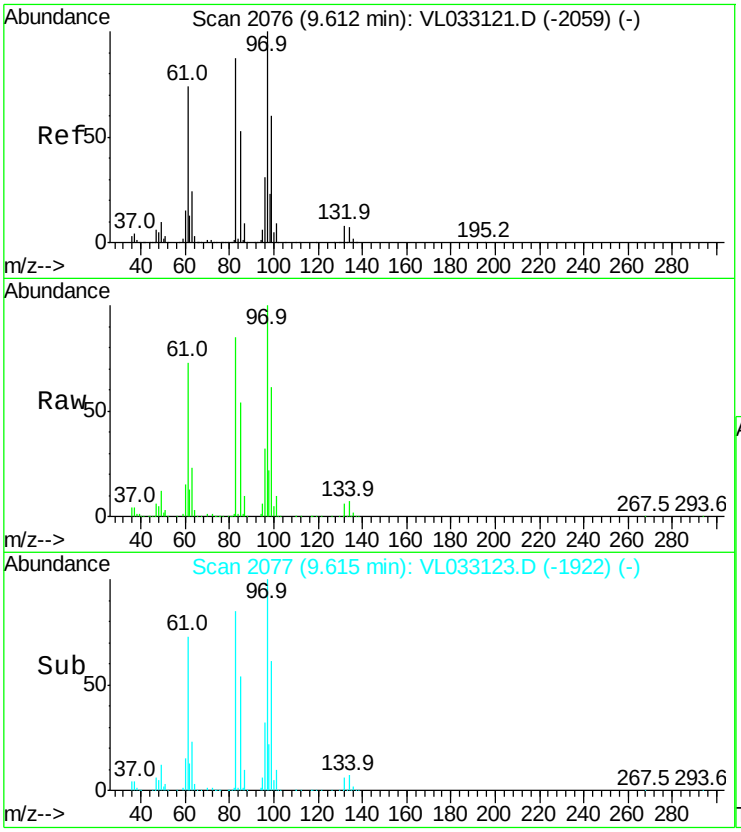




#46
cis-1,3-Dichloropropene
Concen: 10.864 ppbv
RT: 8.83 min Scan# 1834
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 75 Resp: 1557789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 39 | 66.6 | 52.0 | 78.0 |
| 77 | 30.4 | 25.5 | 38.3 |



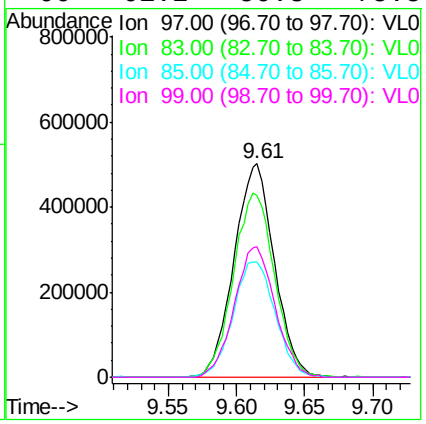


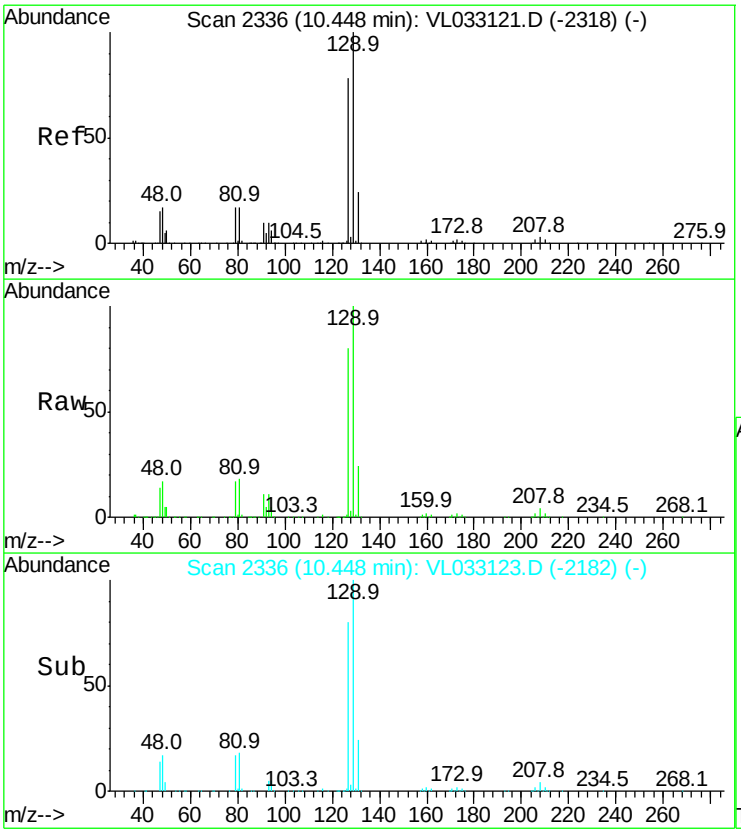

#47
1,1,2-Trichloroethane
Concen: 9.024 ppbv
RT: 9.61 min Scan# 2077
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 97 Resp: 1029628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.8 | 71.4 | 107.2 |
| 85 | 53.9 | 47.2 | 70.8 |
| 99 | 61.2 | 50.3 | 75.5 |

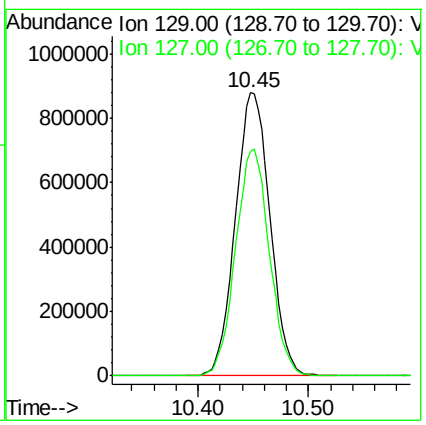


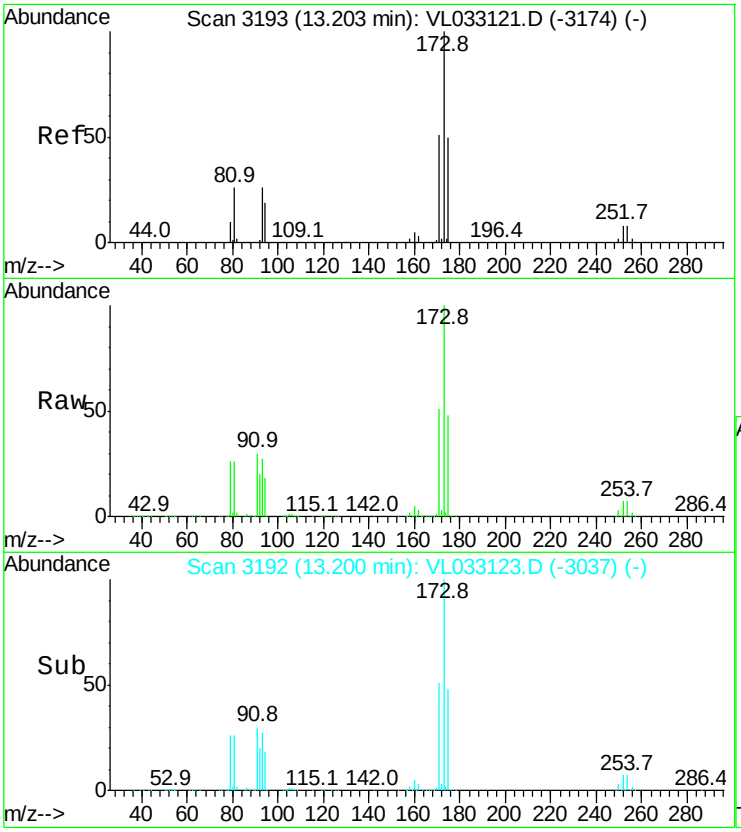




#48
Dibromochloromethane
Concen: 9.497 ppbv
RT: 10.45 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:129 Resp: 1912204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.4 | 39.3 | 117.9 |



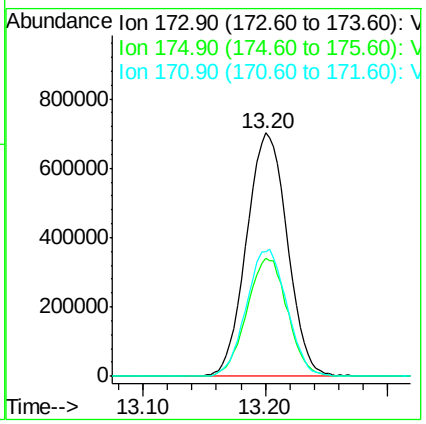


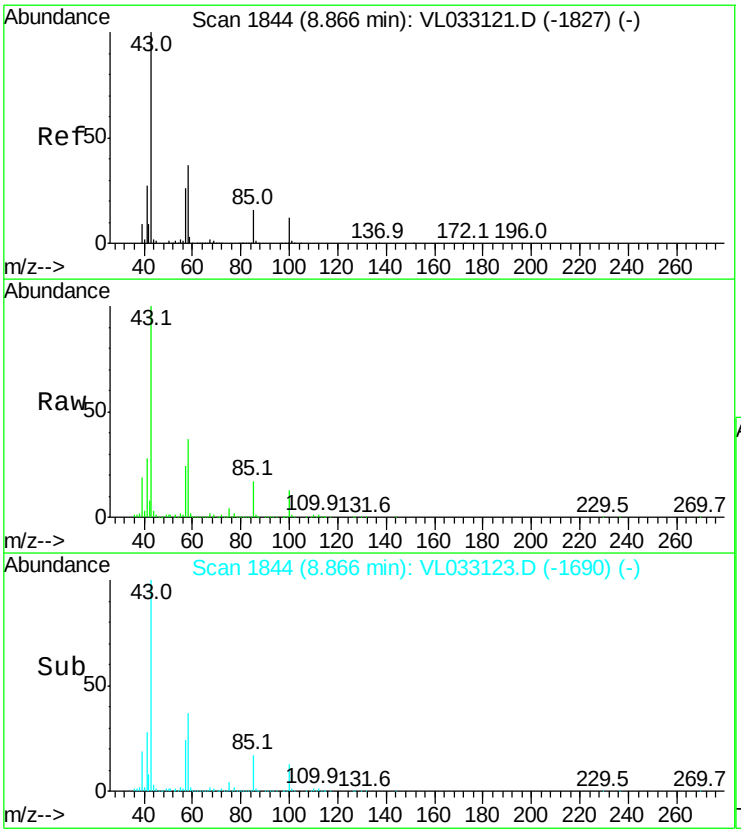

#49
Bromoform
Concen: 9.644 ppbv
RT: 13.20 min Scan# 3192
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:173 Resp: 1622500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.5 | 38.9 | 58.3 |
| 171 | 51.9 | 41.8 | 62.6 |

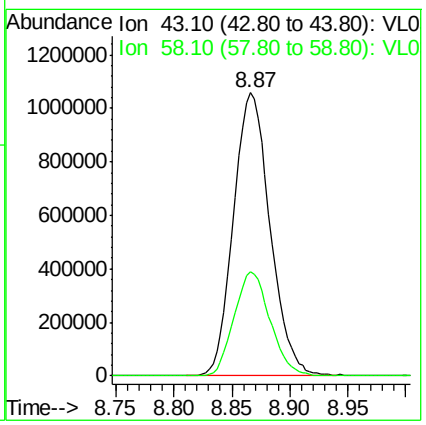


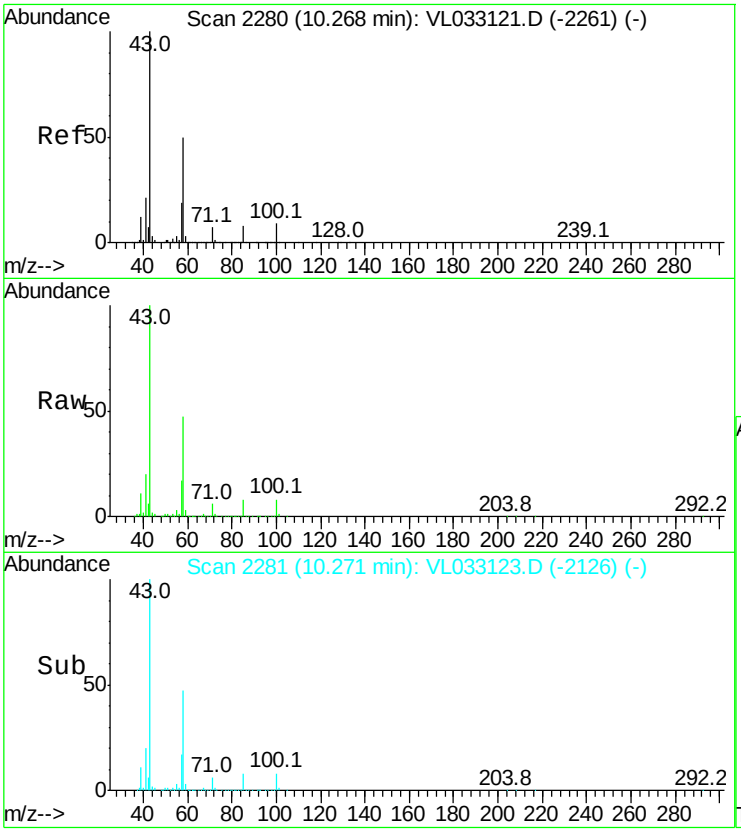




#50
4-Methyl-2-Pentanone
Concen: 9.660 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 43 Resp: 2317183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.4 | 29.4 | 44.0 |



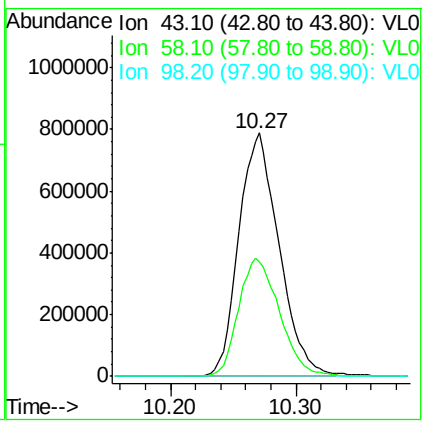


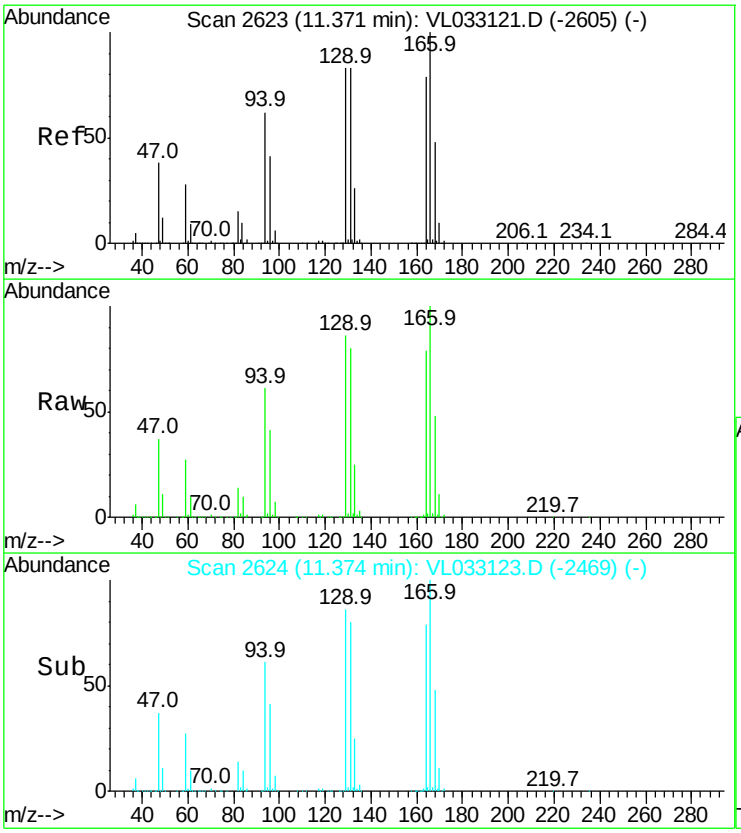

#51
2-Hexanone
Concen: 10.487 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 43 Resp: 1753428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.6 | 39.5 | 59.3 |
| 98 | 0.4 | 0.3 | 0.5 |

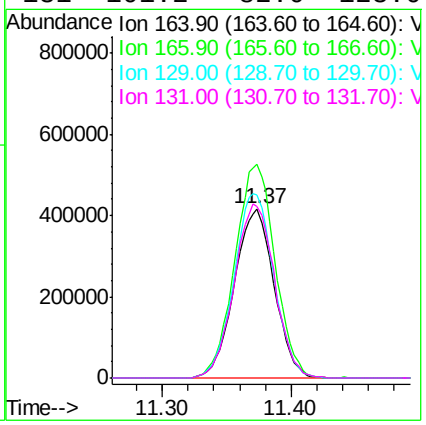


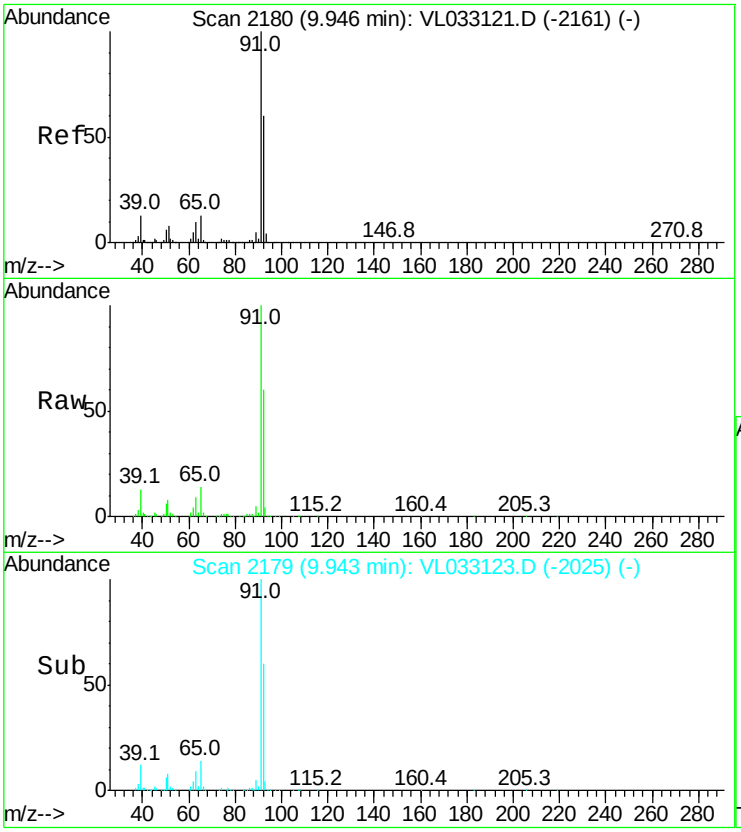




#52
Tetrachloroethene
Concen: 9.602 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:164 Resp: 892406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.9 | 101.3 | 151.9 |
| 129 | 107.8 | 83.3 | 124.9 |
| 131 | 101.2 | 82.0 | 123.0 |



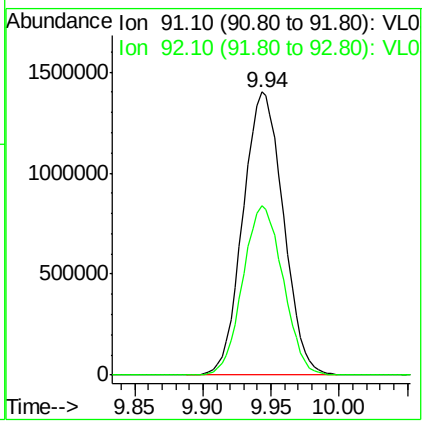


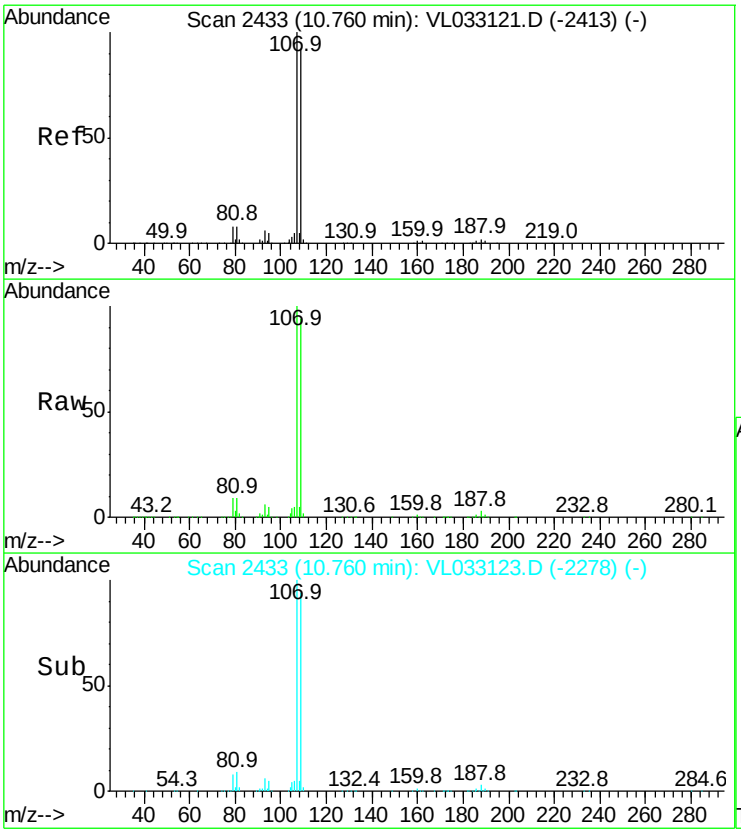

#53
Toluene
Concen: 10.315 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 91 Resp: 2881846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.7 | 47.9 | 71.9 |

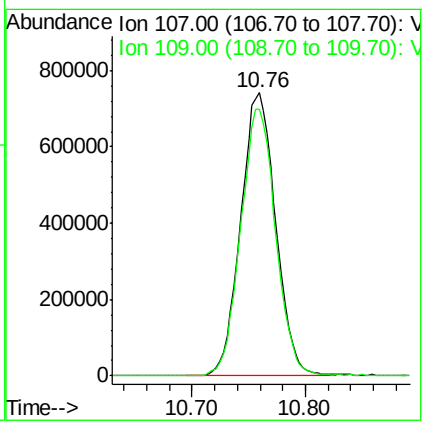


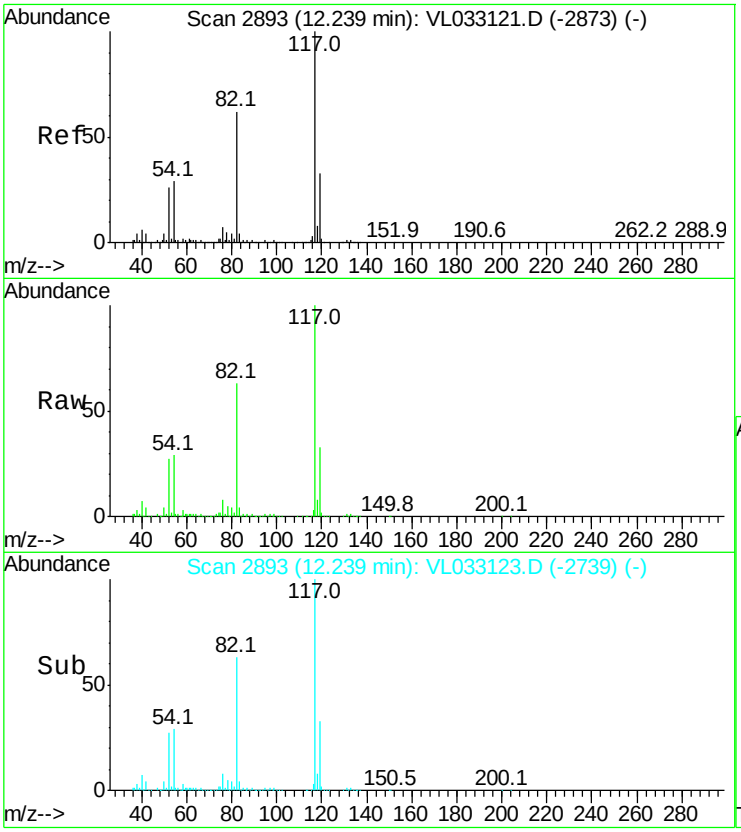




#54
1,2-Dibromoethane
Concen: 9.732 ppbv
RT: 10.76 min Scan# 2433
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:107 Resp: 1594729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.3 | 75.8 | 113.6 |



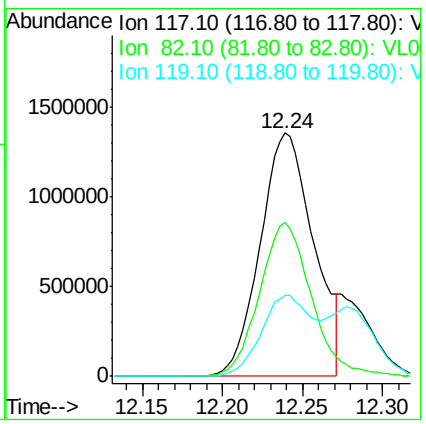


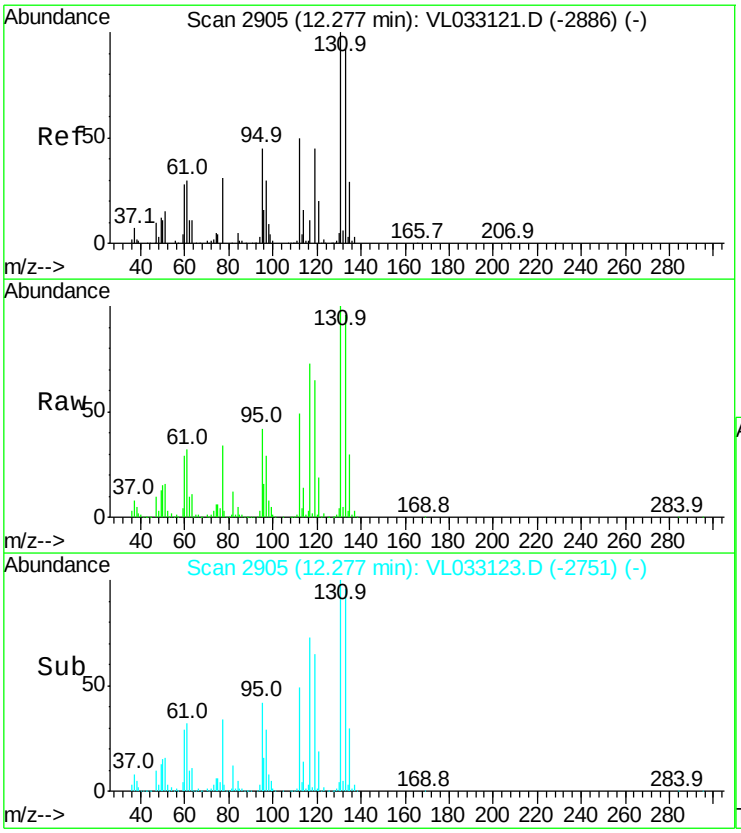

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:117 Resp: 3145294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.3 | 48.3 | 72.5 |
| 119 | 30.0 | 25.9 | 38.9 |

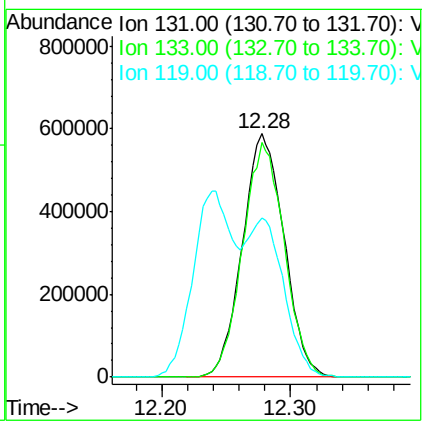


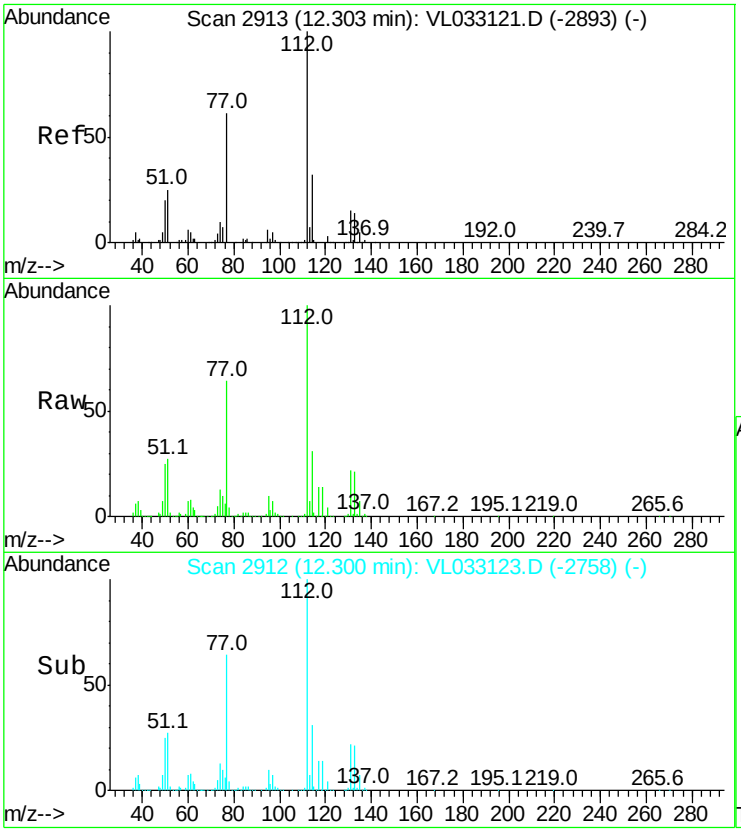




#56
1,1,1,2-Tetrachloroethane
Concen: 8.538 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:131 Resp: 1325483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.3 | 76.6 | 115.0 |
| 119 | 58.7 | 44.6 | 66.8 |



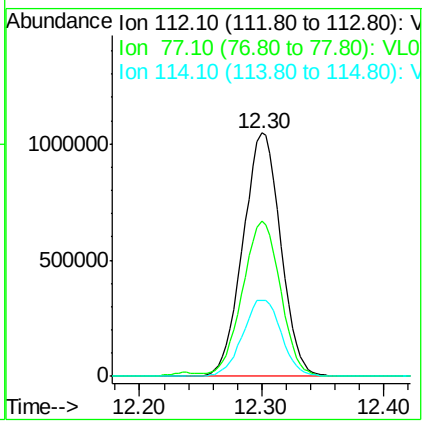


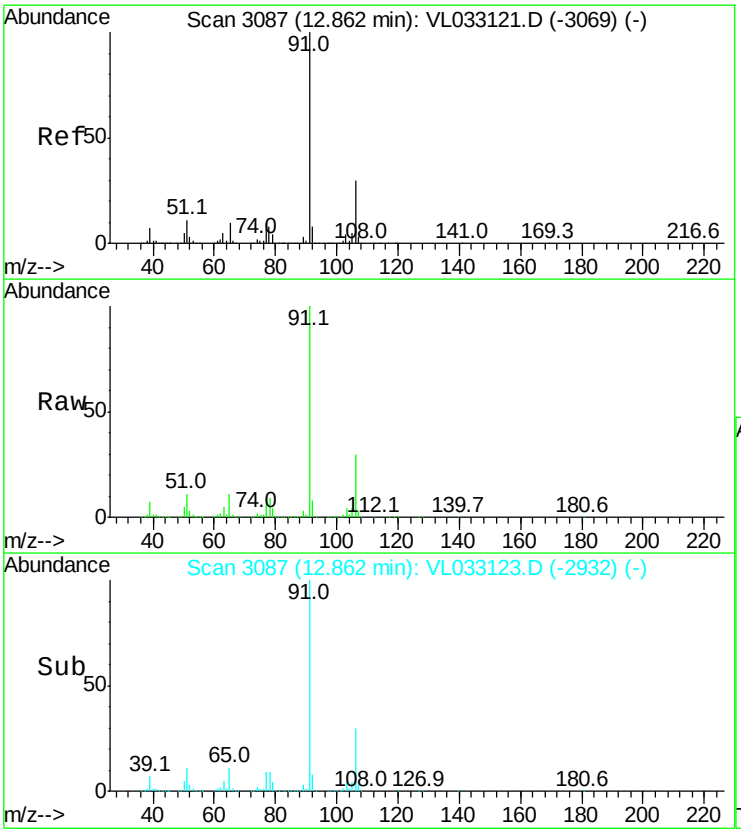

#57
Chlorobenzene
Concen: 8.882 ppbv
RT: 12.30 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:112 Resp: 2234143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 63.6 | 51.6 | 77.4 |
| 114 | 31.0 | 27.9 | 34.1 |

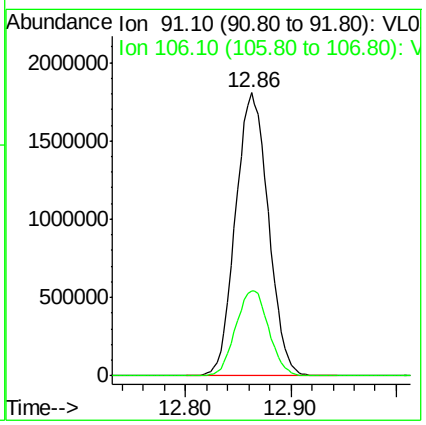


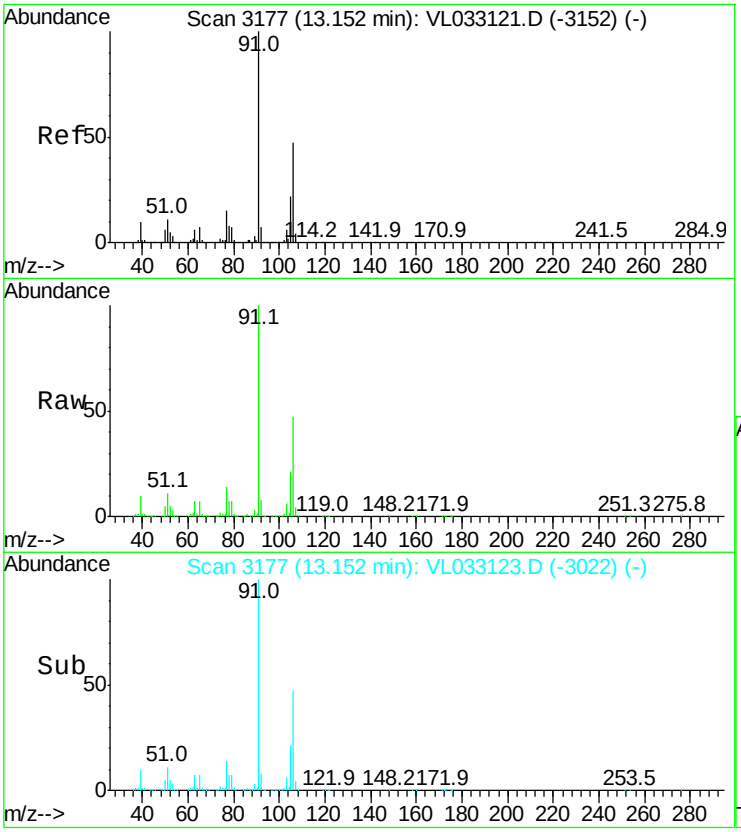




#58
Ethyl Benzene
Concen: 10.528 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 91 Resp: 3905832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 24.4 | 36.6 |



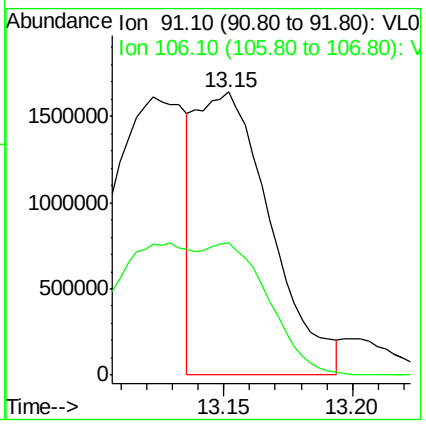


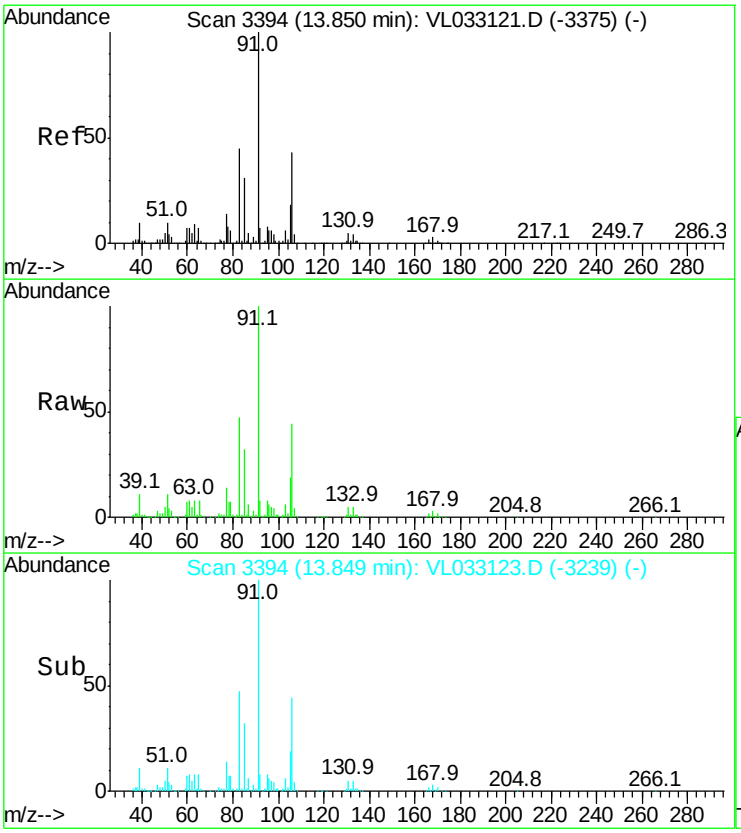

#59
m/p-Xylene
Concen: 9.555 ppbv
RT: 13.15 min Scan# 3177
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 91 Resp: 3283036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 0.0 | 0.0 |

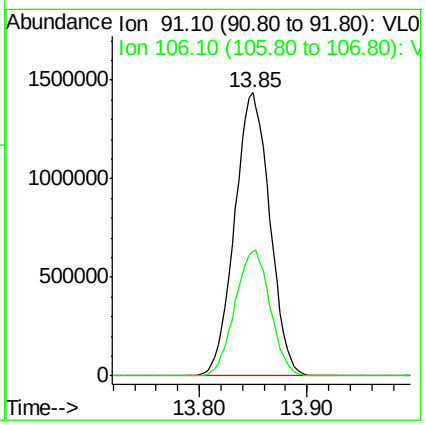


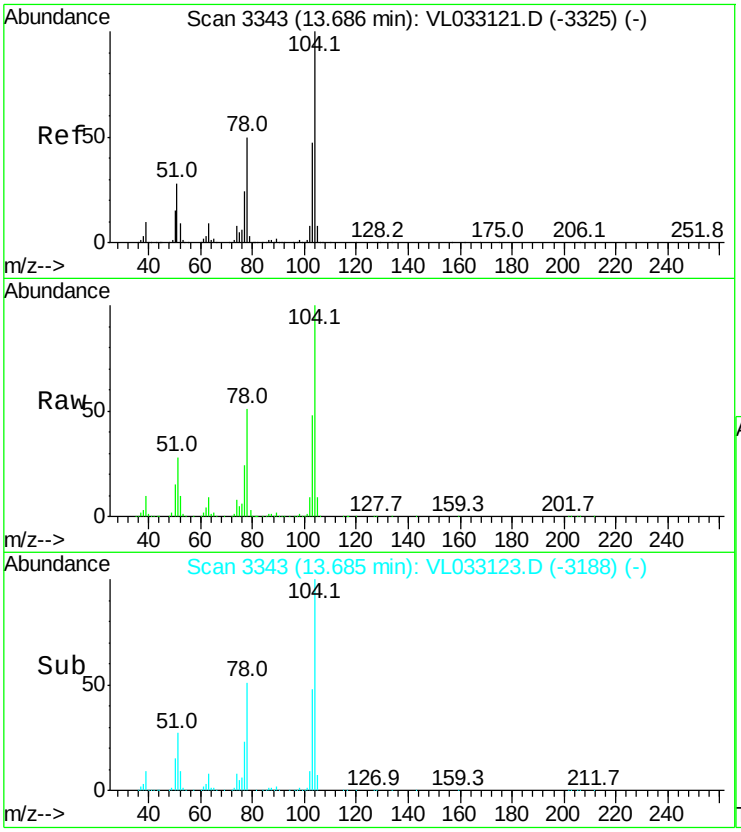




#60
o-Xylene
Concen: 9.131 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 91 Resp: 3251041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 44.5 | 22.6 | 67.8 |



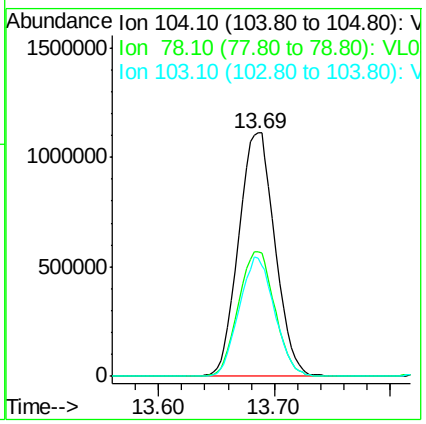


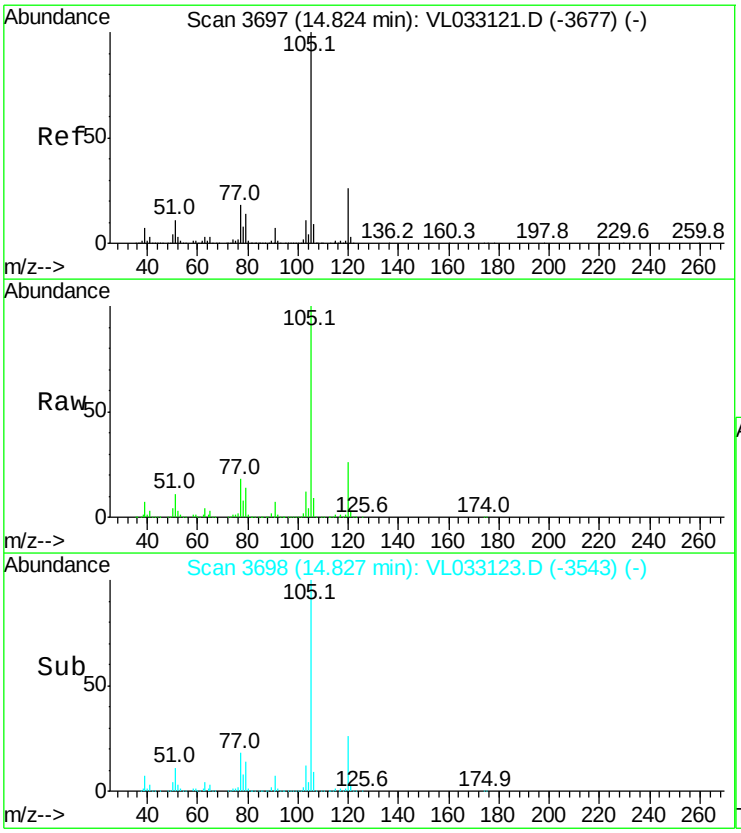

#61
Styrene
Concen: 10.676 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:104 Resp: 2427151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.5 | 41.4 | 62.0 |
| 103 | 47.7 | 37.8 | 56.6 |

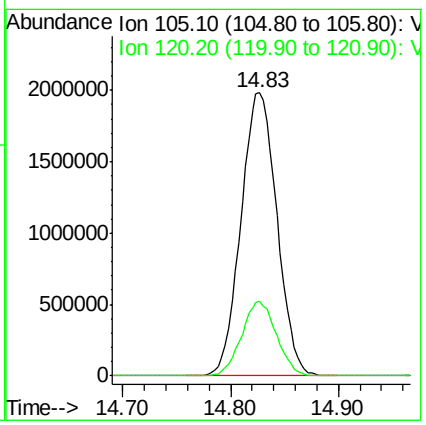


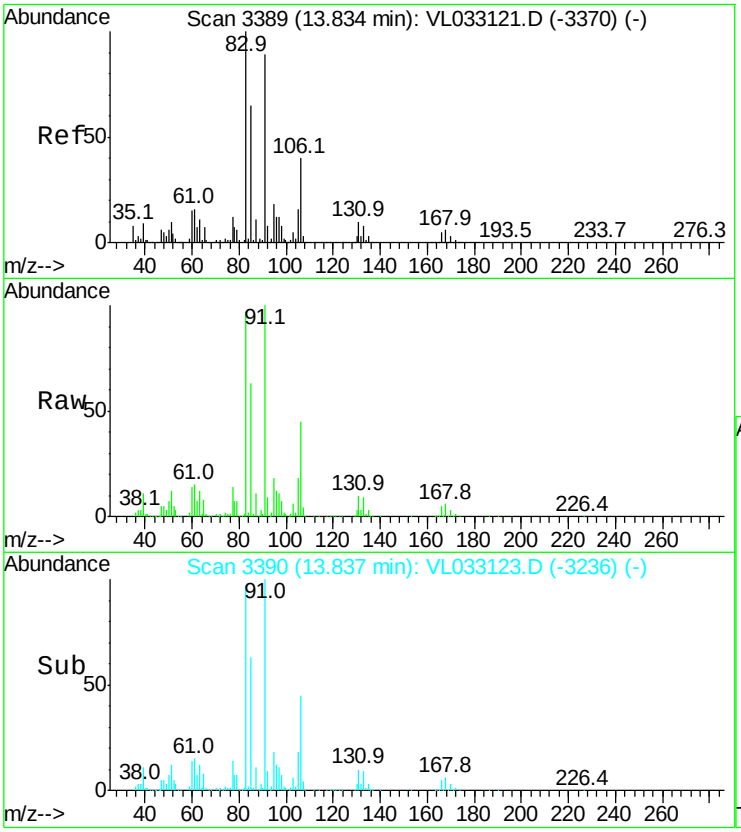




#62
Isopropylbenzene
Concen: 9.108 ppbv
RT: 14.83 min Scan# 3698
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:105 Resp: 4594862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.5 | 20.4 | 30.6 |



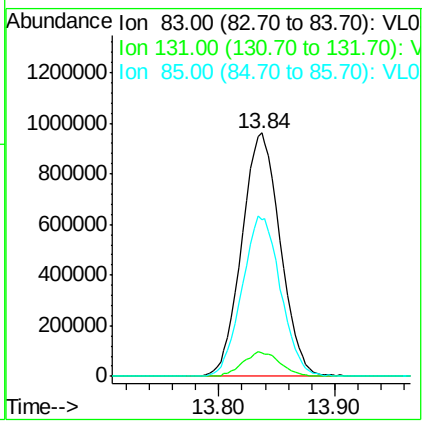


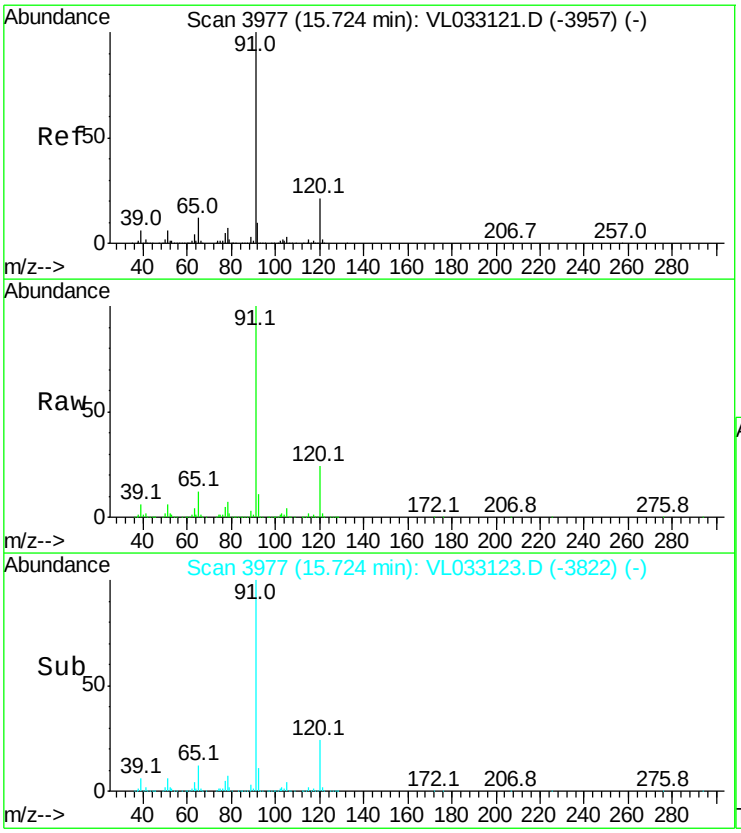

#63
1,1,2,2-Tetrachloroethane
Concen: 7.837 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 83 Resp: 2222444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.8 | 4.9 | 14.6 |
| 85 | 66.1 | 32.5 | 97.4 |

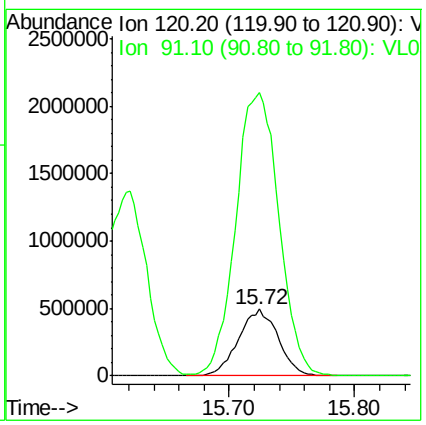


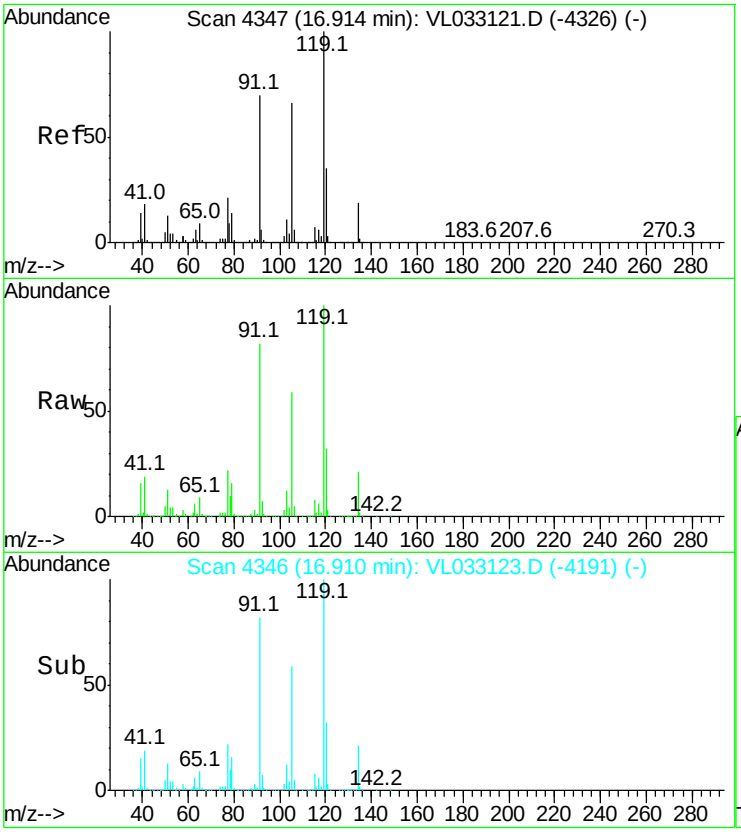




#64
n-propylbenzene
Concen: 8.876 ppbv
RT: 15.72 min Scan# 3977
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:120 Resp: 1086654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 461.9 | 375.7 | 563.5 |



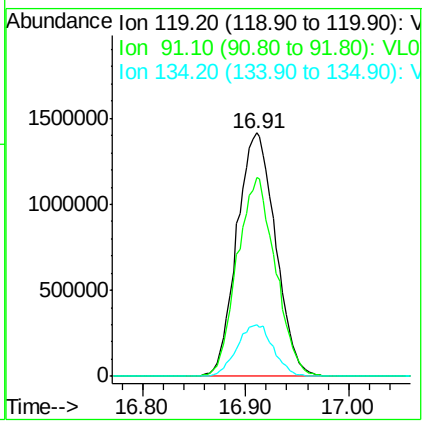


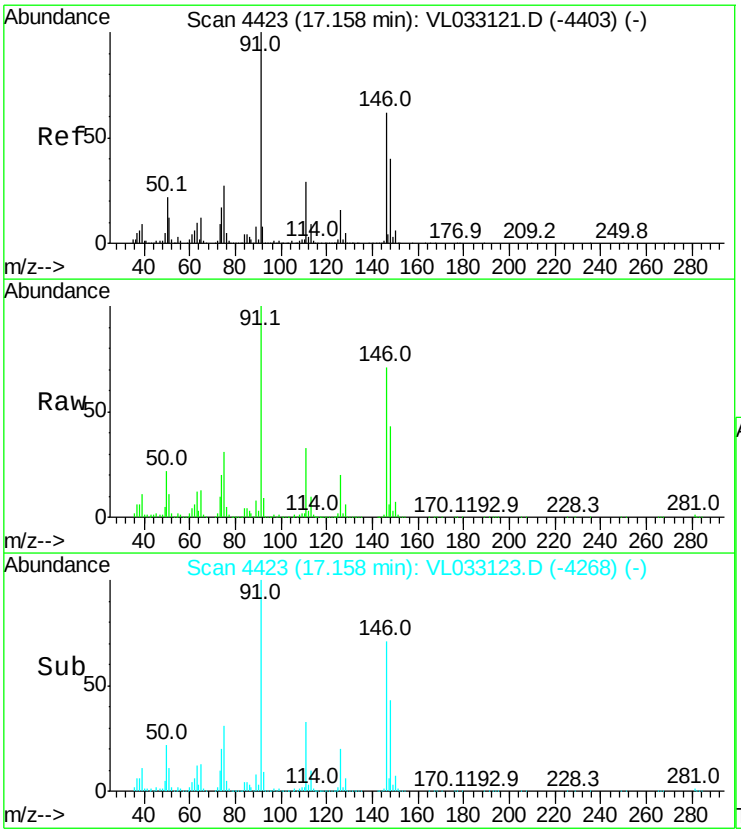

#65
tert-Butylbenzene
Concen: 8.679 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:119 Resp: 3678203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 81.0 | 64.5 | 96.7 |
| 134 | 20.0 | 15.7 | 23.5 |

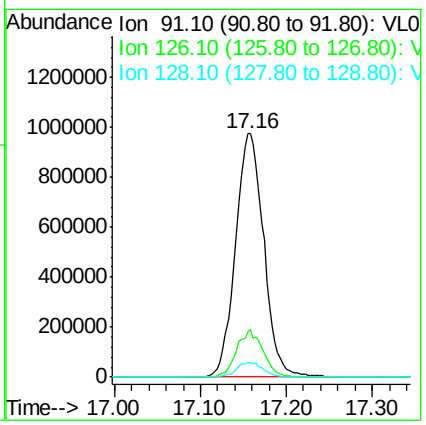


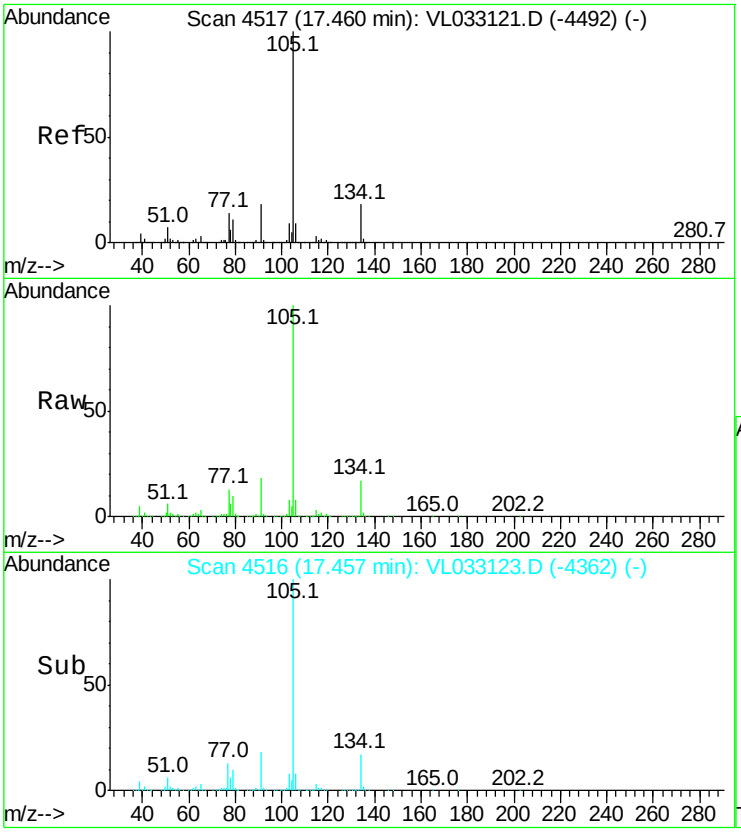




#66
Benzyl Chloride
Concen: 9.717 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 91 Resp: 2217072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 18.1 | 14.3 | 21.5 |
| 128 | 5.8 | 4.6 | 7.0 |



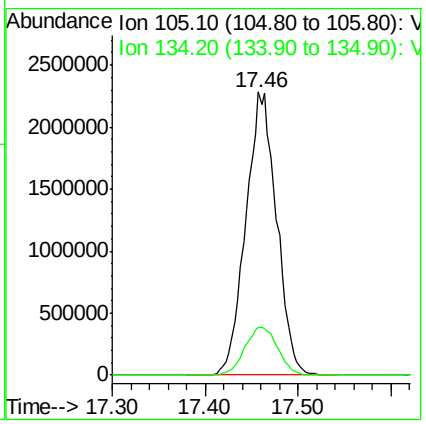


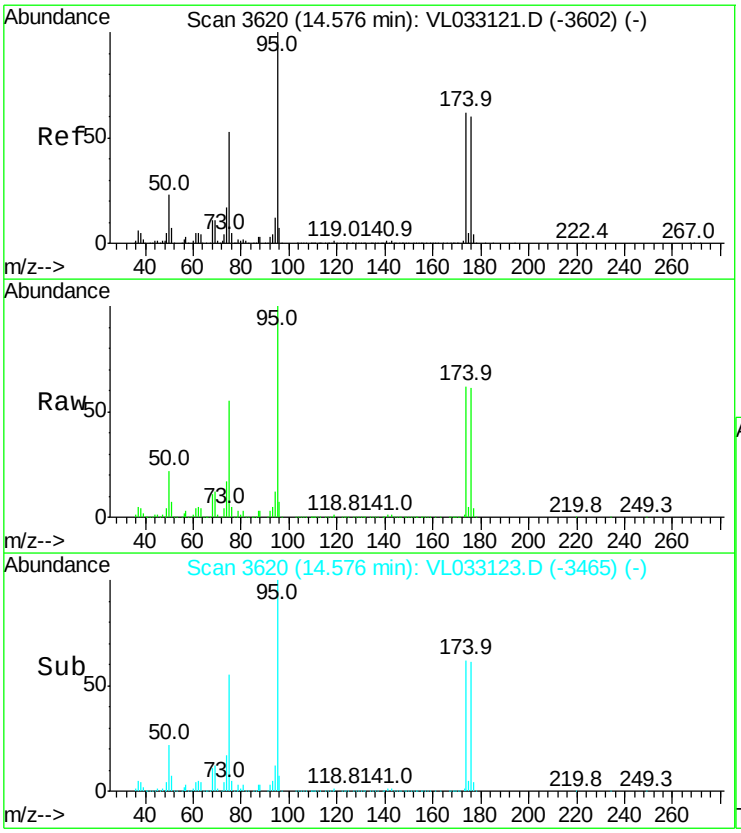

#67
sec-Butylbenzene
Concen: 8.617 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion:105 Resp: 5242429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.0 | 14.8 | 22.2 |

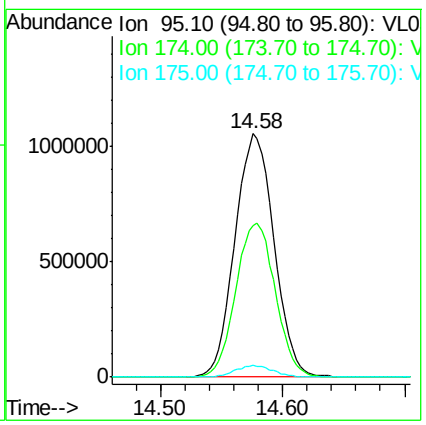


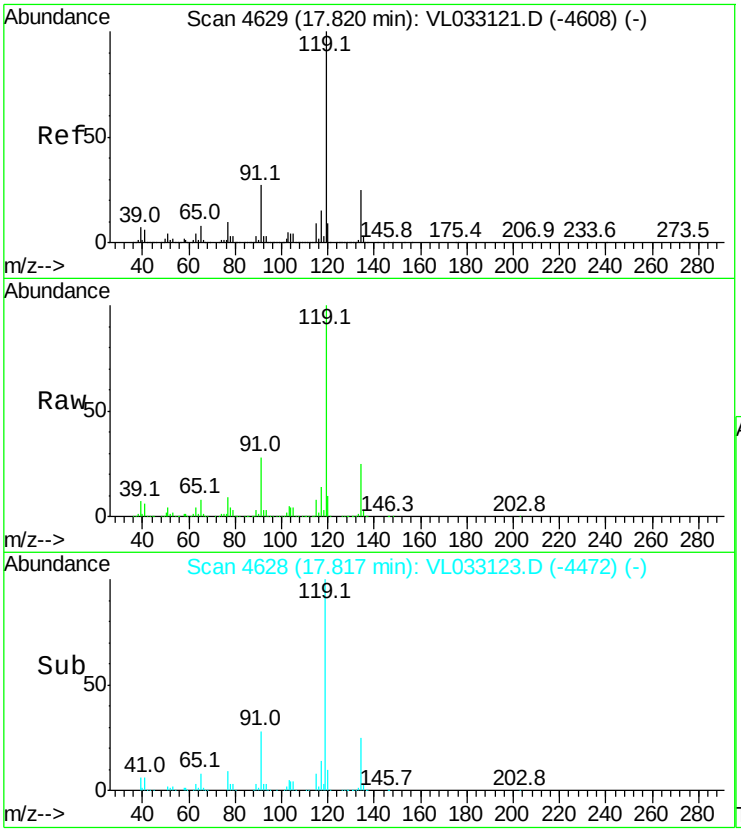




#68
1-Bromo-4-Fluorobenzene
Concen: 9.806 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 95 Resp: 2333154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 64.1 | 51.4 | 77.2 |
| 175 | 4.7 | 4.0 | 6.0 |



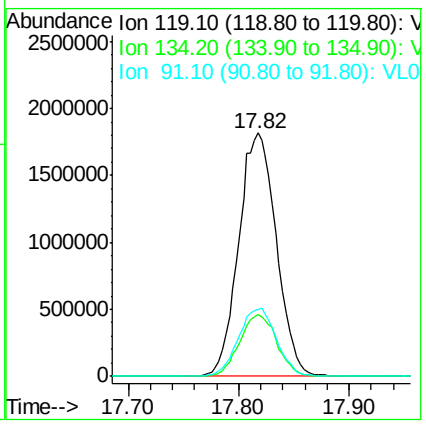


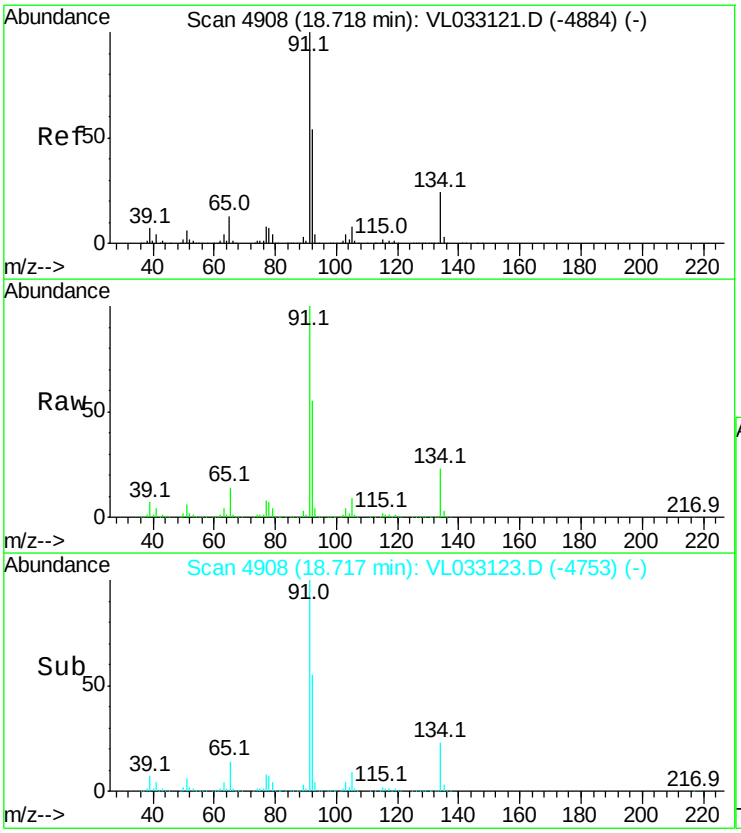

#69
p-Isopropyltoluene
Concen: 8.254 ppbv
RT: 17.82 min Scan# 4628
Delta R.T. 0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:119 Resp: 4287404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.0 | 20.4 | 30.6 |
| 91 | 28.3 | 22.8 | 34.2 |

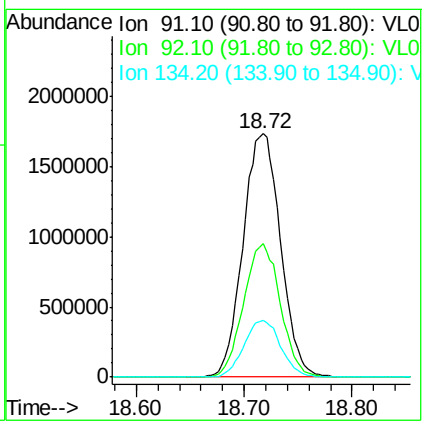


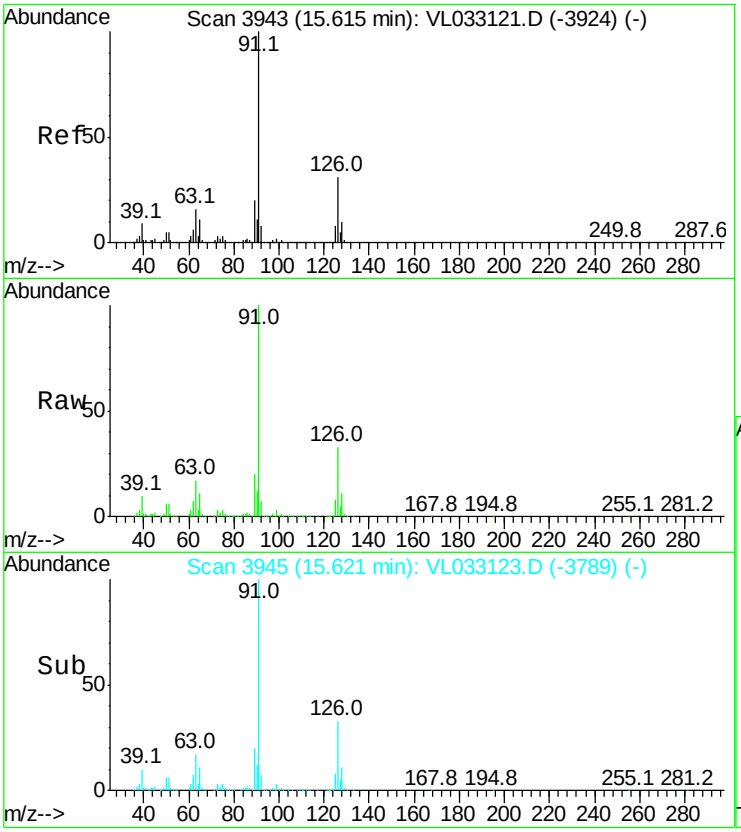




#70
n-Butylbenzene
Concen: 8.882 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion: 91 Resp: 4190275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.6 | 43.0 | 64.6 |
| 134 | 22.9 | 18.4 | 27.6 |



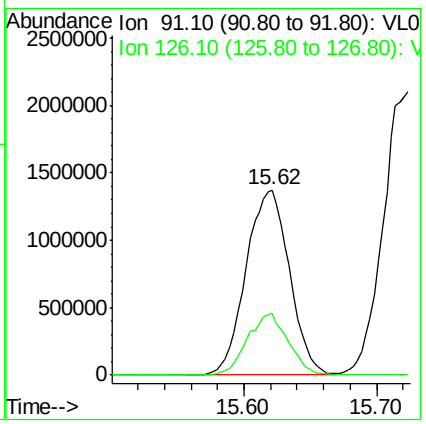


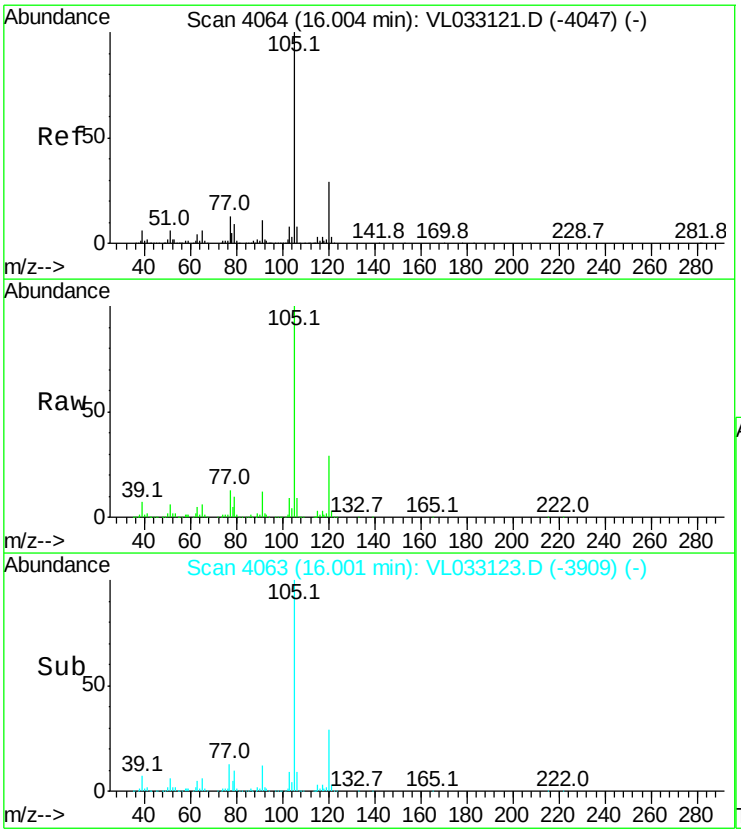

#71
2-Chlorotoluene
Concen: 9.093 ppbv
RT: 15.62 min Scan# 3945
Delta R.T. 0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion: 91 Resp: 3128026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.4 | 12.4 | 49.8 |

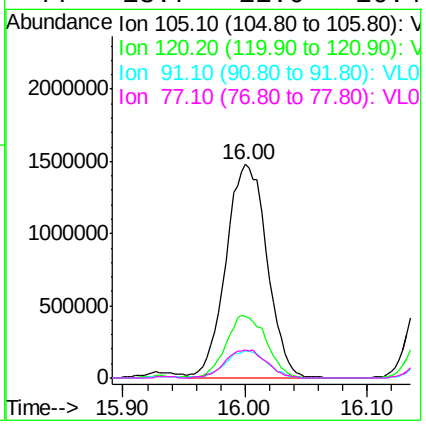


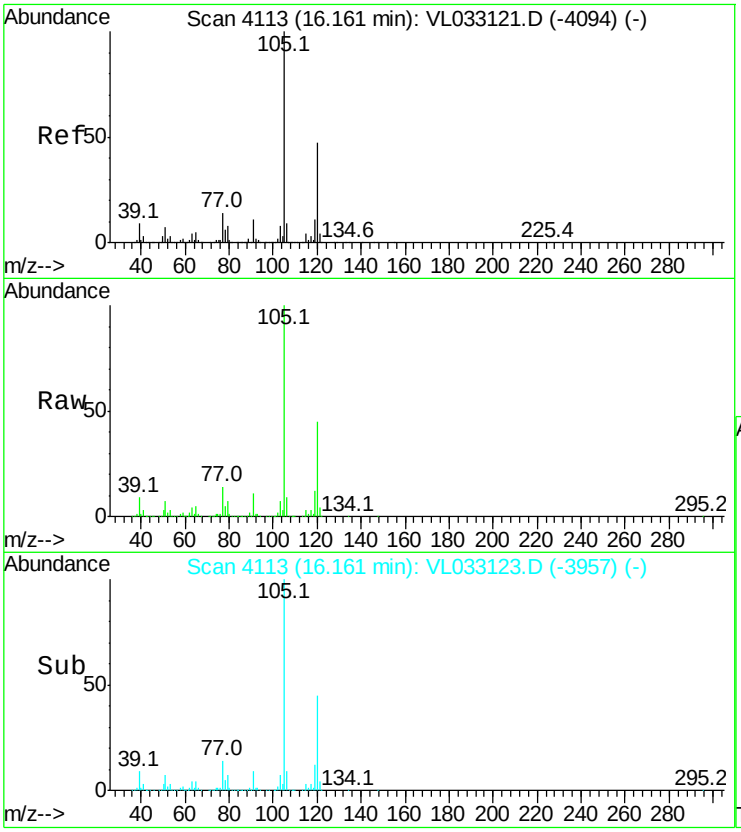




#72
4-Ethyltoluene
Concen: 9.172 ppbv
RT: 16.00 min Scan# 4063
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:105 Resp: 3436222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.8 | 23.5 | 35.3 |
| 91 | 12.8 | 10.3 | 15.5 |
| 77 | 13.7 | 11.0 | 16.4 |



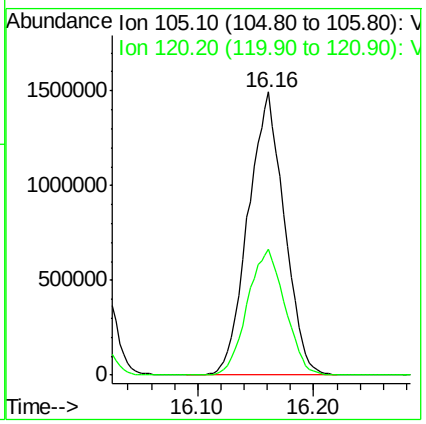


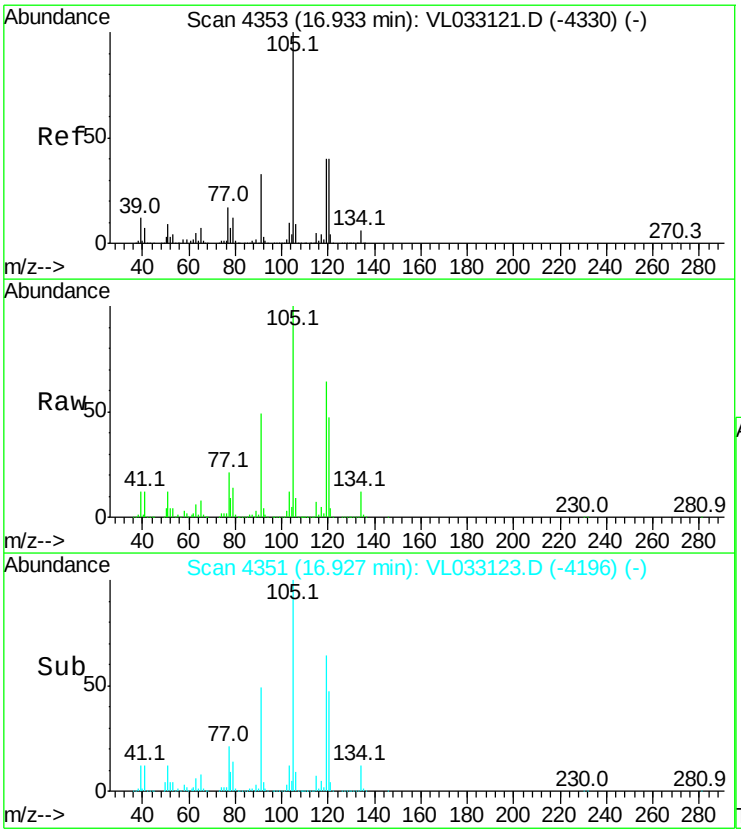

#73
1,3,5-Trimethylbenzene
Concen: 8.793 ppbv
RT: 16.16 min Scan# 4113
Delta R.T. 0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion:105 Resp: 3221953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.7 | 37.5 | 56.3 |

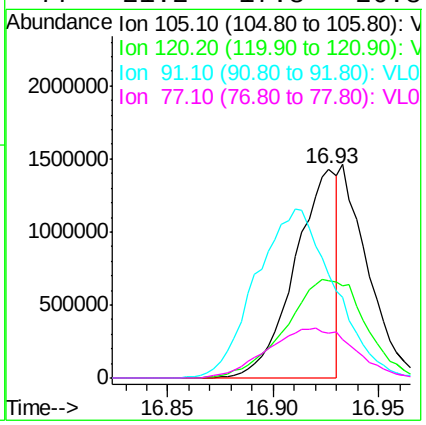


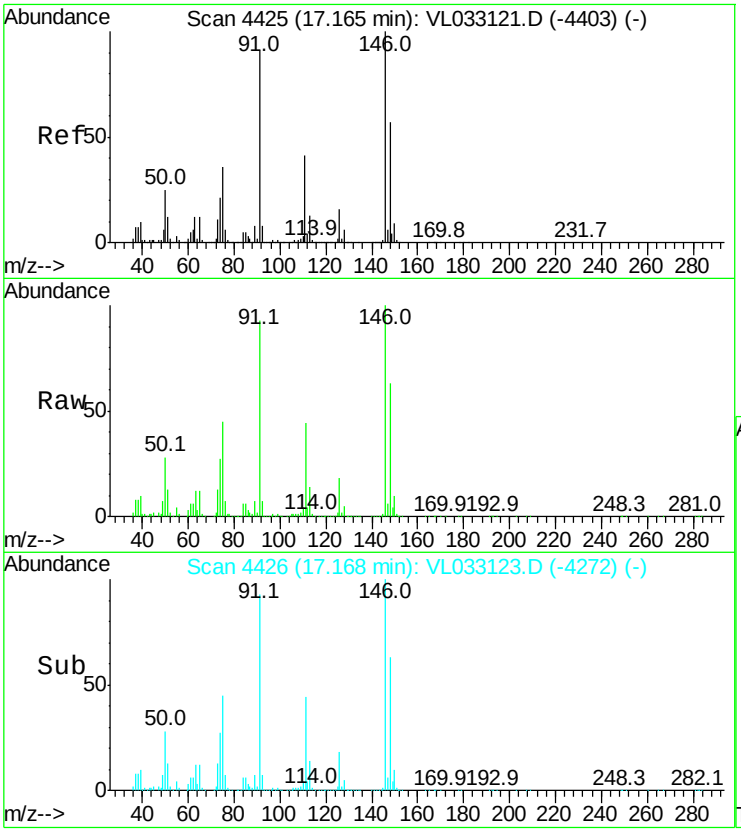




#74
1,2,4-Trimethylbenzene
Concen: 5.116 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:105 Resp: 1985180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 37.9 | 56.9 |
| 91 | 49.0 | 39.8 | 59.8 |
| 77 | 21.2 | 17.8 | 26.8 |



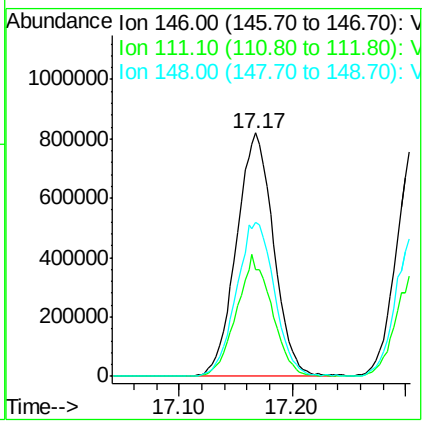


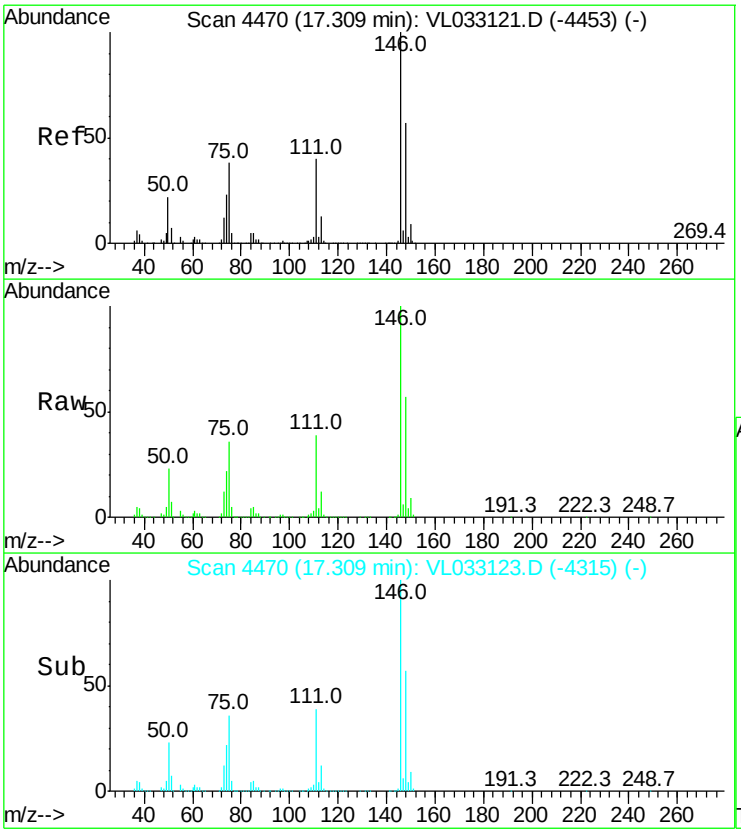

#75
1,3-Dichlorobenzene
Concen: 7.989 ppbv
RT: 17.17 min Scan# 4426
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion:146 Resp: 1872465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.3 | 23.4 | 70.0 |
| 148 | 65.1 | 32.1 | 96.3 |

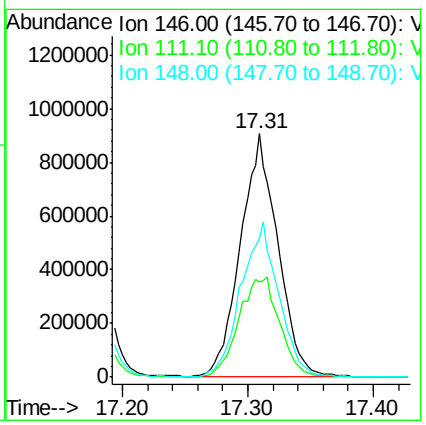


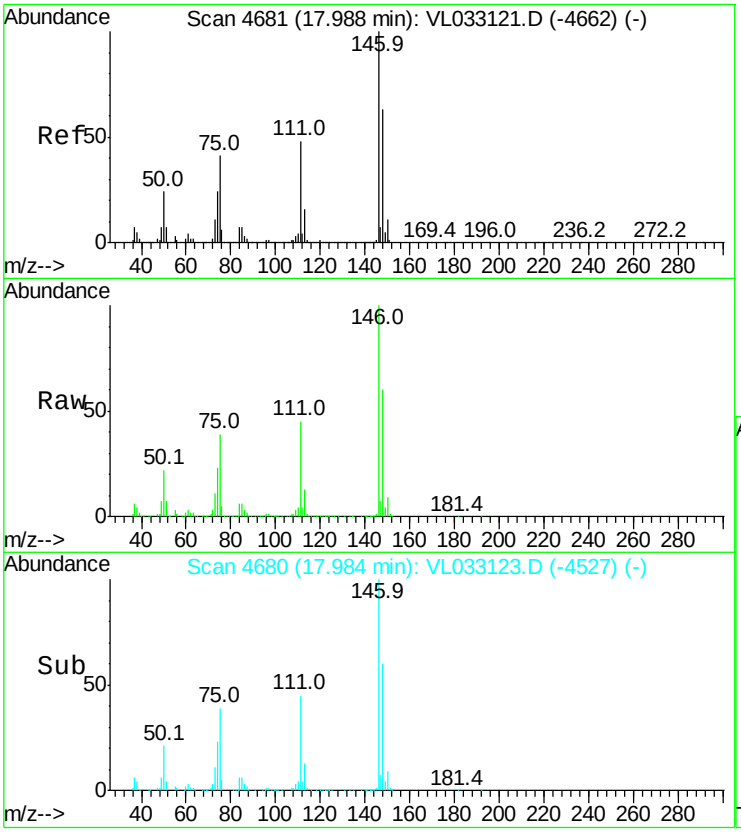




#76
1,4-Dichlorobenzene
Concen: 8.621 ppbv
RT: 17.31 min Scan# 4470
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:146 Resp: 1862380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 45.6 | 22.7 | 68.0 |
| 148 | 65.1 | 32.1 | 96.3 |



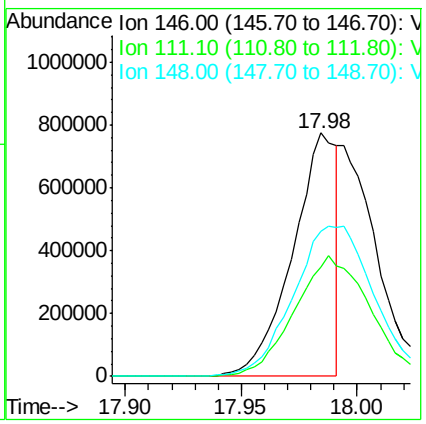


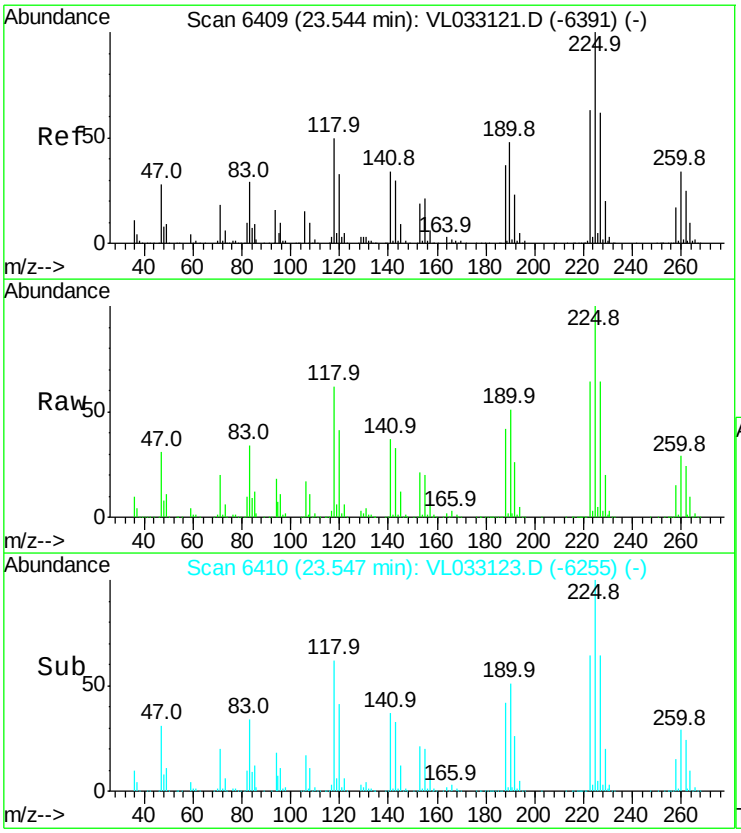

#77
1,2-Dichlorobenzene
Concen: 4.346 ppbv
RT: 17.98 min Scan# 4680
Delta R.T. -0.01 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :** MSVOA_L
**ClientSampleId :** ICVVL012819

Tgt Ion:146 Resp: 1023986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 84.8 | 24.4 | 73.2# |
| 148 | 113.0 | 32.6 | 97.7# |

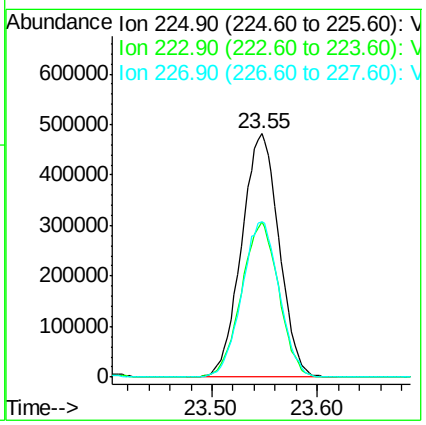


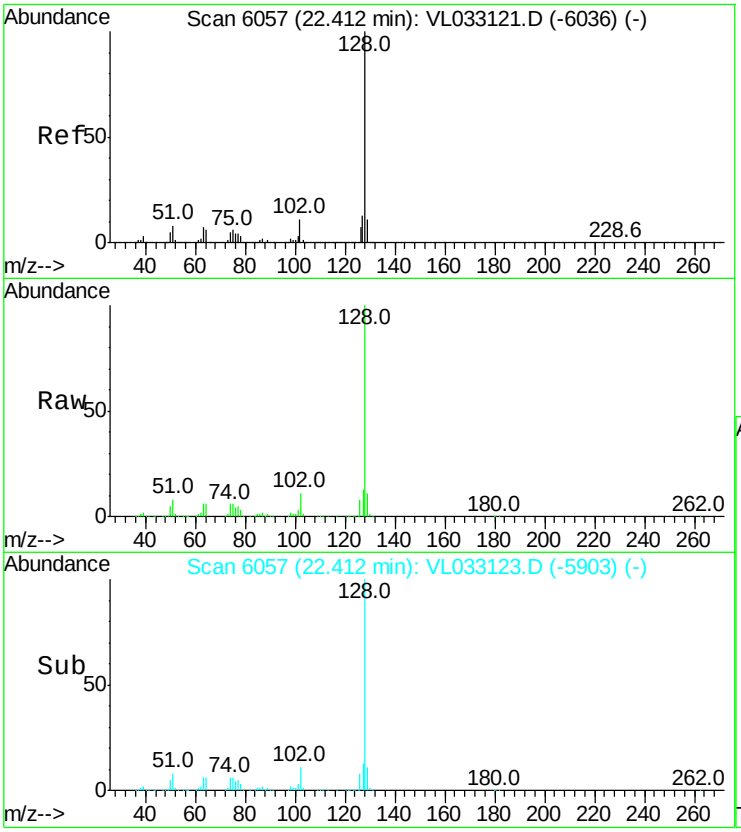




#78
Hexachloro-1,3-Butadiene
Concen: 8.630 ppbv
RT: 23.55 min Scan# 6410
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:225 Resp: 1190942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 50.5 | 75.7 |
| 227 | 63.7 | 51.0 | 76.4 |



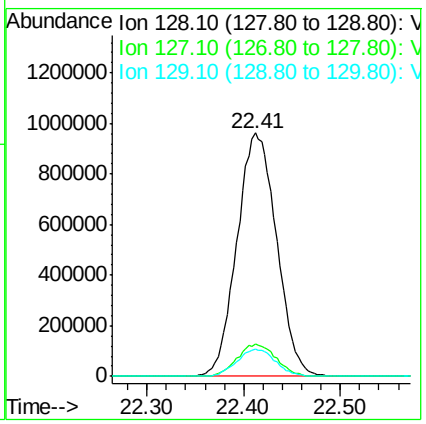


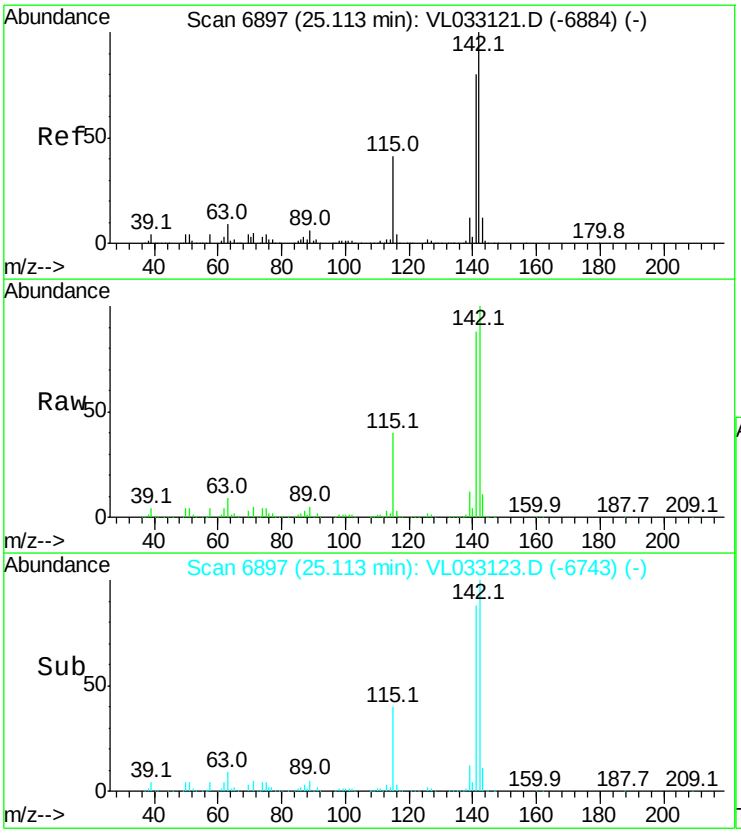

#79
Naphthalene
Concen: 11.464 ppbv
RT: 22.41 min Scan# 6057
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion:128 Resp: 2736862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.3 | 10.6 | 15.8 |
| 129 | 11.2 | 9.2 | 13.8 |

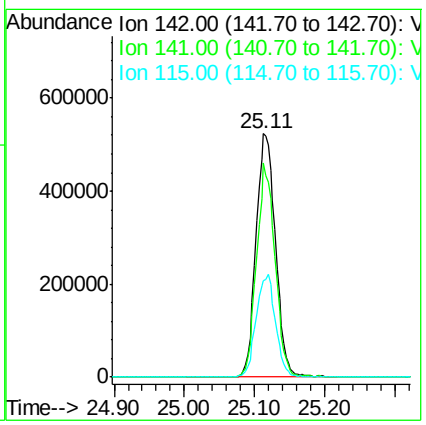


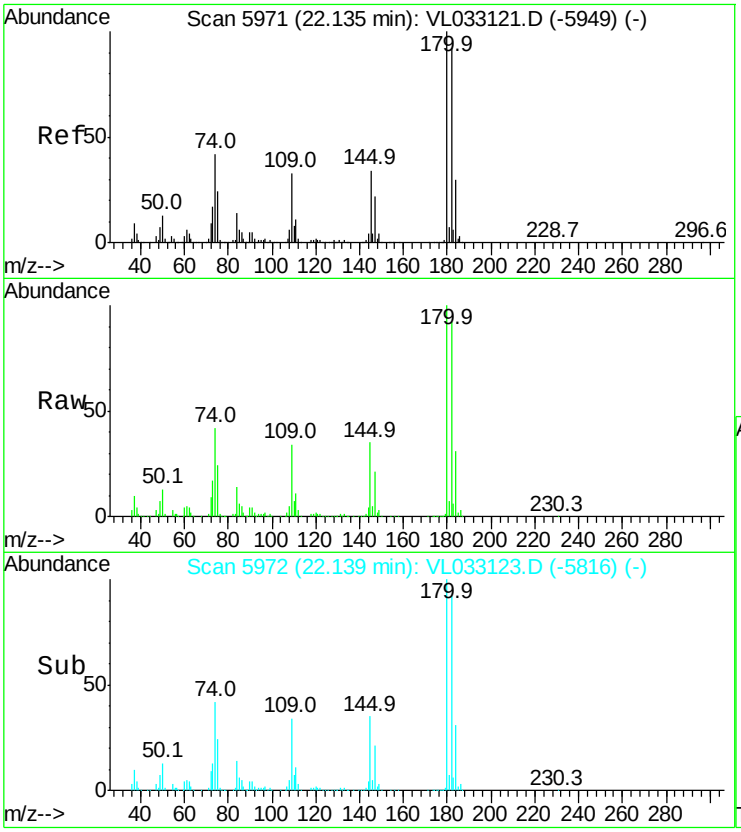




#80
Naphthalene,2-methyl-
Concen: 16.958 ppbv
RT: 25.11 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

Tgt Ion:142 Resp: 1010731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.6 | 67.4 | 101.2 |
| 115 | 42.0 | 34.9 | 52.3 |






#81
1,2,4-Trichlorobenzene
Concen: 10.884 ppbv
RT: 22.14 min Scan# 5972
Delta R.T. 0.00 min
Lab File: VL033123.D
Acq: 28 Jan 2019 23:10

**Instrument :**
MSVOA_L
**ClientSampleId :**
ICVVL012819

Tgt Ion:180 Resp: 1324158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 76.5 | 114.7 |
| 184 | 30.5 | 24.2 | 36.4 |