Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
Data File : VL032238.D
Acq On : 13 Jul 2018 5:37
Operator : SY/AP
Sample : J3753-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 13 06:39:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.85 | 49 | 1710370 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.38 | 114 | 3676853 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.34 | 117 | 4334562 | 10.00 | ppbv | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.67 | 95 | 3354265 | 10.00 | ppbv | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 100.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chlorodifluoromethane | 3.07 | 51 | 135796 | 0.646 | ppbv # | 83 |
| 4) Chloromethane | 3.22 | 50 | 37869 | 0.317 | ppbv | 97 |
| 7) Chloroethane | 3.66 | 64 | 103303 | 2.546 | ppbv | 95 |
| 9) Propene | 3.09 | 41 | 163016 | 1.819 | ppbv | 97 |
| 10) Heptane | 8.34 | 43 | 210901 | 0.829 | ppbv | 99 |
| 11) Trichlorofluoromethane | 4.07 | 101 | 101722 | 0.432 | ppbv | 96 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.62 | 101 | 254721 | 1.693 | ppbv | 99 |
| 13) Ethanol | 3.75 | 45 | 9976746 | 385.770 | ppbv | 98 |
| 15) Acetone | 3.96 | 43 | 6895756 | 34.743 | ppbv | 99 |
| 16) 1,3-Butadiene | 3.45 | 39 | 80611 | 0.804 | ppbv # | 8 |
| 17) tert-Butyl alcohol | 4.46 | 59 | 798050 | 8.612 | ppbv | 98 |
| 18) 1,1-Dichloroethene | 4.42 | 96 | 96390 | 1.377 | ppbv | 97 |
| 19) Isopropyl Alcohol | 4.13 | 45 | 5638216 | 43.263 | ppbv | 100 |
| 20) Methylene Chloride | 4.48 | 84 | 620291 | 9.222 | ppbv | 96 |
| 21) Allyl Chloride | 4.47 | 41 | 156228 | 1.345 | ppbv # | 20 |
| 22) trans-1,2-Dichloroethene | 5.04 | 96 | 67866 | 1.018 | ppbv | 93 |
| 23) Vinyl Acetate | 5.22 | 43 | 725698 | 2.199 | ppbv # | 80 |
| 24) 1,1-Dichloroethane | 5.17 | 63 | 3359758 | 14.496 | ppbv | 98 |
| 25) Ethyl Acetate | 5.85 | 43 | 609193 | 1.551 | ppbv # | 91 |
| 26) Hexane | 5.86 | 57 | 545106 | 3.043 | ppbv # | 58 |
| 28) Methyl tert-Butyl Ether | 5.19 | 73 | 5660 | 0.020 | ppbv # | 52 |
| 29) Chloroform | 5.93 | 83 | 35938 | 0.130 | ppbv | 95 |
| 30) Cyclohexane | 7.33 | 84 | 82058 | 0.519 | ppbv | 97 |
| 31) cis-1,2-Dichloroethene | 5.72 | 61 | 14956 | 0.084 | ppbv # | 81 |
| 32) 1,1,1-Trichloroethane | 6.70 | 97 | 11219417 | 41.802 | ppbv | 97 |
| 34) 2-Butanone | 5.40 | 43 | 1481238 | 5.913 | ppbv | 99 |
| 35) Carbon Tetrachloride | 7.23 | 117 | 5979 | 0.024 | ppbv | 93 |
| 36) Benzene | 7.09 | 78 | 192828 | 0.528 | ppbv | 97 |
| 37) 1,2-Dichloroethane | 6.70 | 62 | 844661 | 4.222 | ppbv # | 1 |
| 38) Trichloroethene | 8.06 | 130 | 11019 | 0.088 | ppbv | 92 |
| 39) 1,2-Dichloropropane | 7.38 | 63 | 1019201 | 7.018 | ppbv # | 26 |
| 41) Tetrahydrofuran | 6.24 | 42 | 78012 | 0.556 | ppbv | 94 |
| 43) Methyl Methacrylate | 8.22 | 69 | 13033 | 0.092 | ppbv # | 69 |
| 44) 2,2,4-Trimethylpentane | 8.08 | 57 | 1535186 | 2.443 | ppbv | 95 |
| 50) 4-Methyl-2-Pentanone | 8.96 | 43 | 130506 | 0.301 | ppbv # | 65 |
| 51) 2-Hexanone | 10.37 | 43 | 83342 | 0.230 | ppbv # | 94 |
| 52) Tetrachloroethene | 11.47 | 164 | 9276 | 0.069 | ppbv # | 12 |
| 53) Toluene | 10.04 | 91 | 1941667 | 4.494 | ppbv | 100 |
| 57) Chlorobenzene | 12.40 | 112 | 26254 | 0.072 | ppbv # | 64 |
| 58) Ethyl Benzene | 12.96 | 91 | 575799 | 0.912 | ppbv | 95 |
| 59) m/p-Xylene | 13.22 | 91 | 1681781 | 3.238 | ppbv | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
Data File : VL032238.D
Acq On : 13 Jul 2018 5:37
Operator : SY/AP
Sample : J3753-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 13 06:39:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

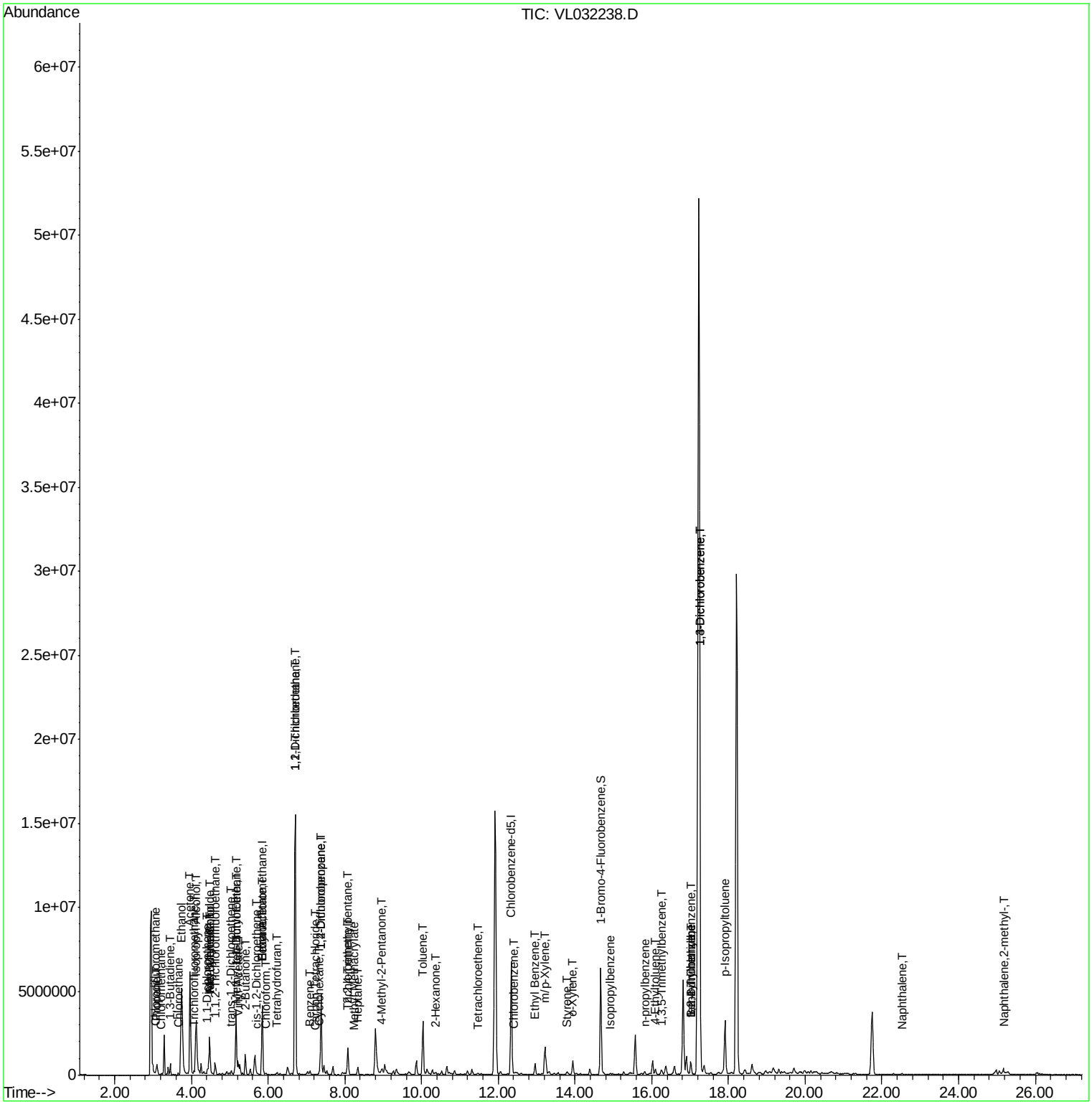
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 60) o-Xylene | 13.94 | 91 | 656365 | 1.281 | ppbv | | 100 |
| 61) Styrene | 13.78 | 104 | 26399 | 0.069 | ppbv | # | 57 |
| 62) Isopropylbenzene | 14.92 | 105 | 53526 | 0.074 | ppbv | | 94 |
| 64) n-propylbenzene | 15.81 | 120 | 38414 | 0.211 | ppbv | | 98 |
| 65) tert-Butylbenzene | 17.02 | 119 | 47386 | 0.079 | ppbv | # | 38 |
| 66) Benzyl Chloride | 17.03 | 91 | 10675 | 0.035 | ppbv | # | 71 |
| 69) p-Isopropyltoluene | 17.91 | 119 | 2614387 | 3.818 | ppbv | | 99 |
| 72) 4-Ethyltoluene | 16.10 | 105 | 107536 | 0.187 | ppbv | # | 56 |
| 73) 1,3,5-Trimethylbenzene | 16.25 | 105 | 105199 | 0.197 | ppbv | | 98 |
| 74) 1,2,4-Trimethylbenzene | 17.02 | 105 | 241440 | 0.442 | ppbv | # | 73 |
| 75) 1,3-Dichlorobenzene | 17.27 | 146 | 443635 | 1.360 | ppbv | # | 43 |
| 76) 1,4-Dichlorobenzene | 17.27 | 146 | 443635 | 1.389 | ppbv | # | 43 |
| 79) Naphthalene | 22.53 | 128 | 12971 | 0.035 | ppbv | # | 83 |
| 80) Naphthalene,2-methyl- | 25.19 | 142 | 14280 | 0.122 | ppbv | # | 85 |

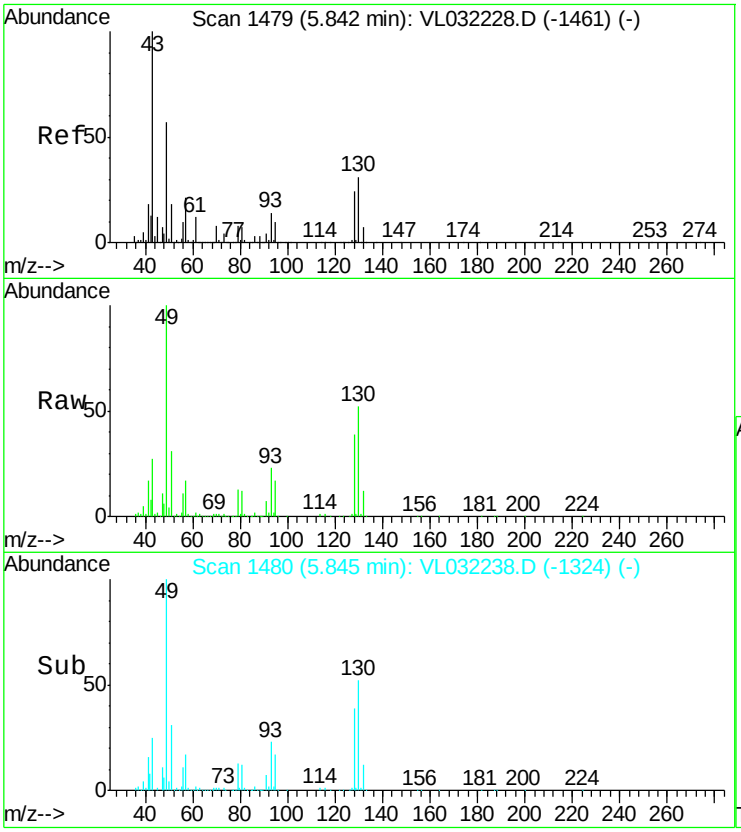
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
Data File : VL032238.D
Acq On : 13 Jul 2018 5:37
Operator : SY/AP
Sample : J3753-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 13 06:39:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration



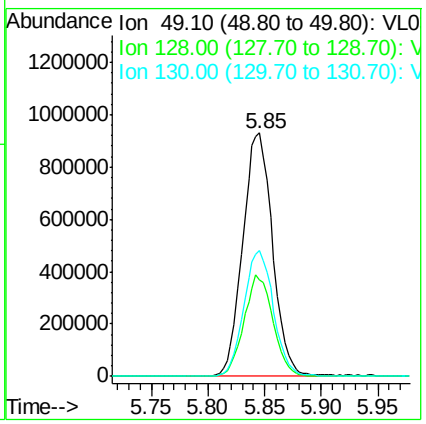


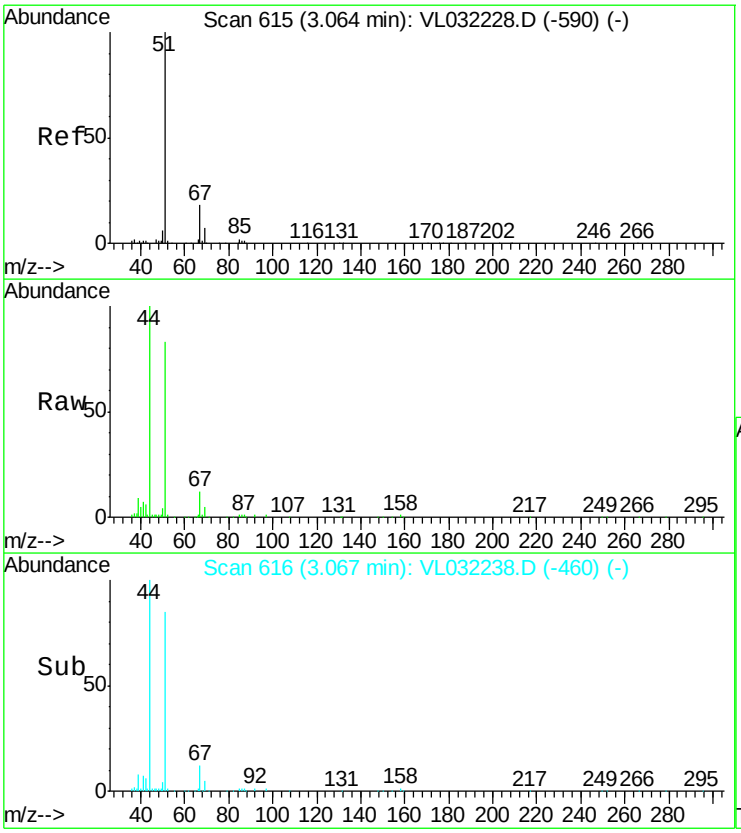

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 49 Resp: 1710370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 40.6 | 20.9 | 62.8 |
| 130 | 51.6 | 27.0 | 81.0 |

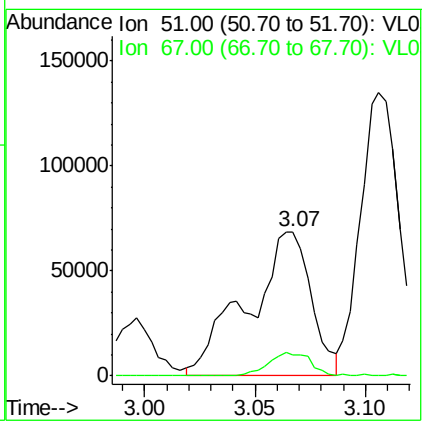


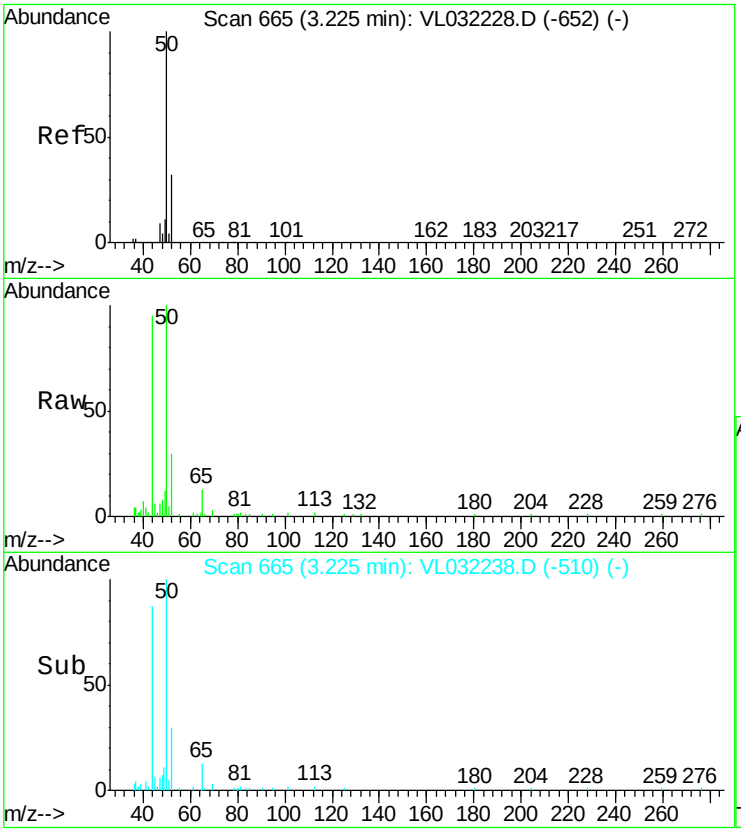




#3
Chlorodifluoromethane
Concen: 0.646 ppbv
RT: 3.07 min Scan# 616
Delta R.T. 0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 51 Resp: 135796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 10.9 | 14.6 | 22.0# |



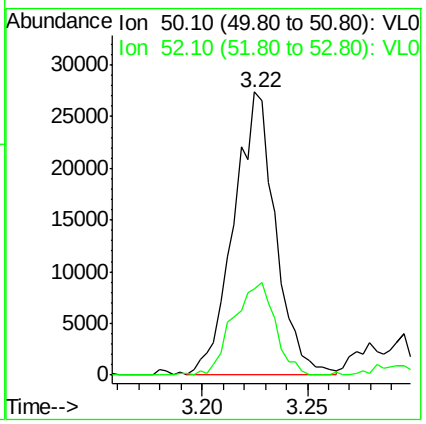


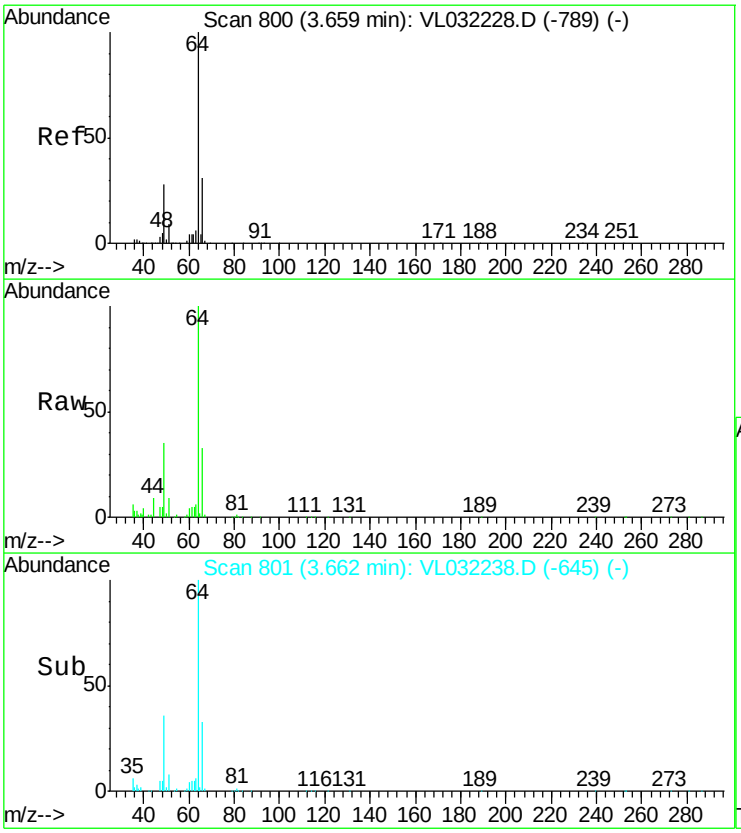

#4
Chloromethane
Concen: 0.317 ppbv
RT: 3.22 min Scan# 665
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 50 Resp: 37869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.2 | 25.7 | 38.5 |

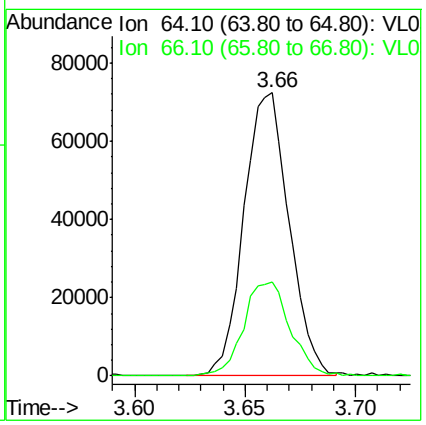


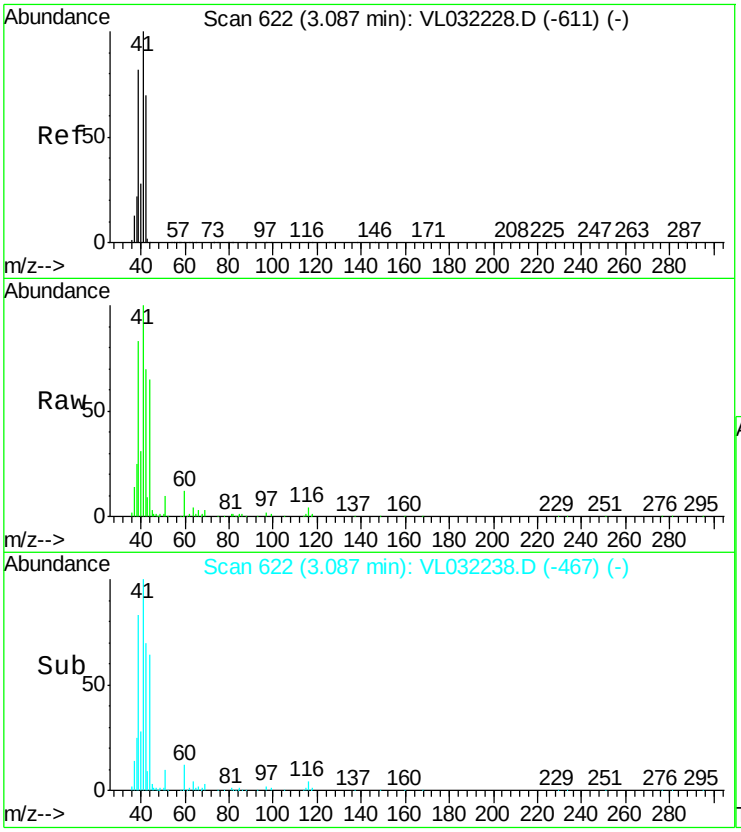




#7
Chloroethane
Concen: 2.546 ppbv
RT: 3.66 min Scan# 801
Delta R.T. 0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 64 Resp: 103303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.0 | 24.4 | 36.6 |



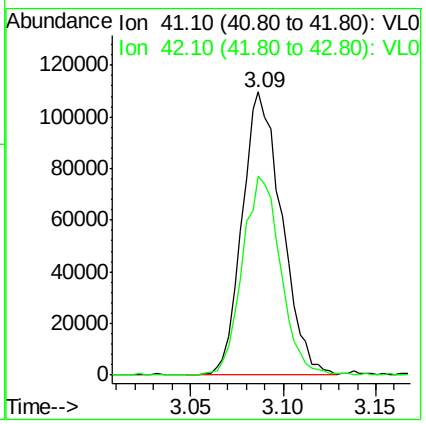


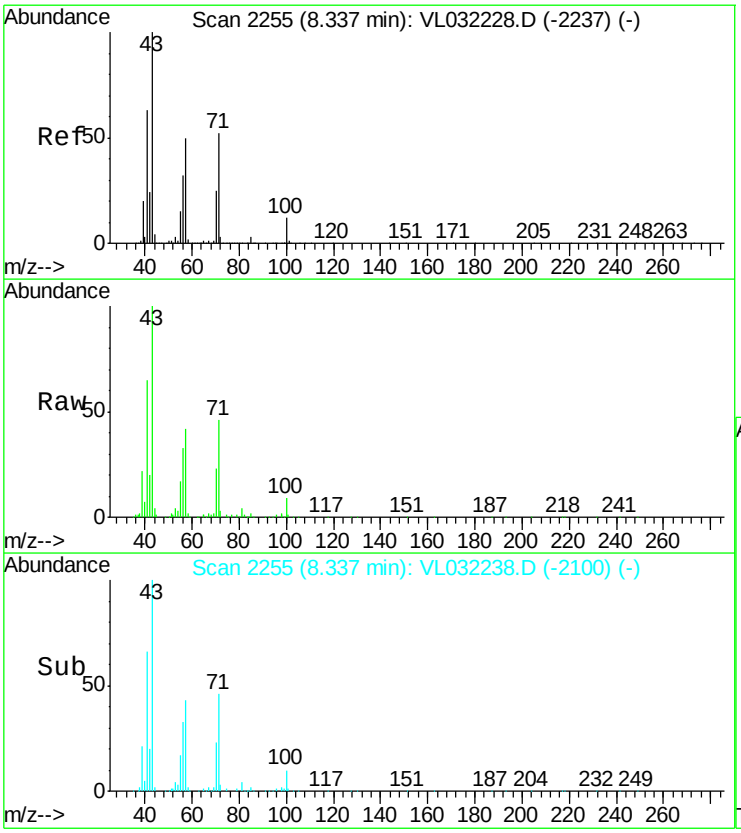

#9
Propene
Concen: 1.819 ppbv
RT: 3.09 min Scan# 622
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 41 Resp: 163016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 67.8 | 56.2 | 84.4 |

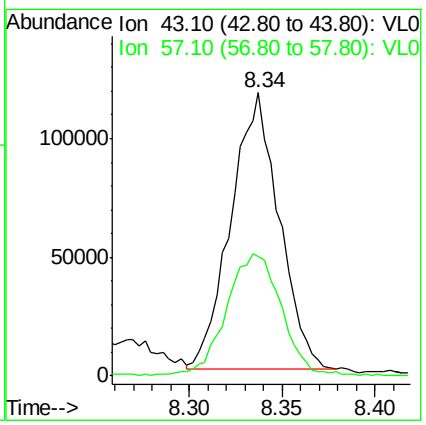


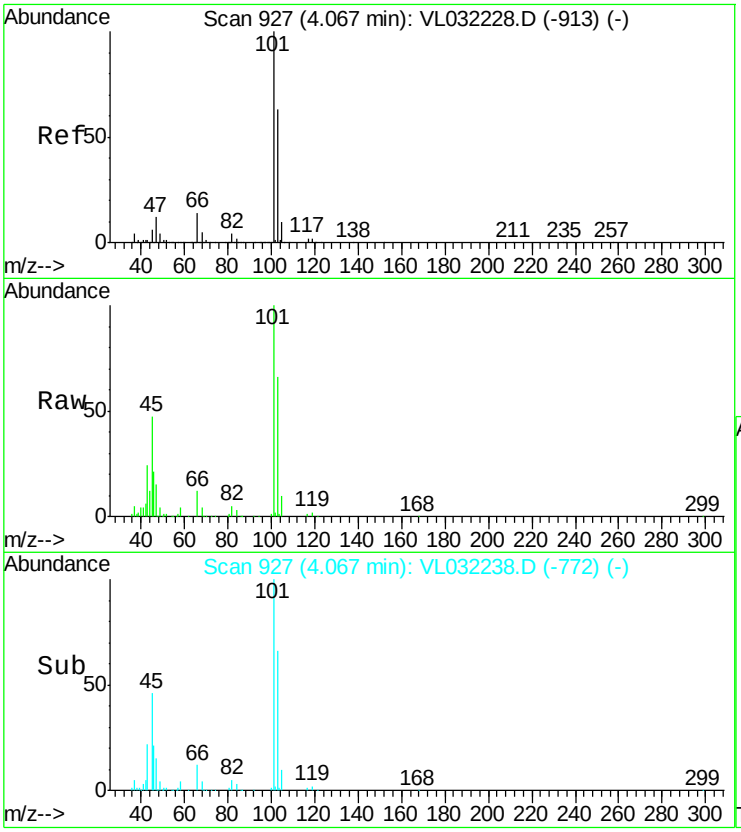




#10
Heptane
Concen: 0.829 ppbv
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 43 Resp: 210901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 50.3 | 40.7 | 61.1 |



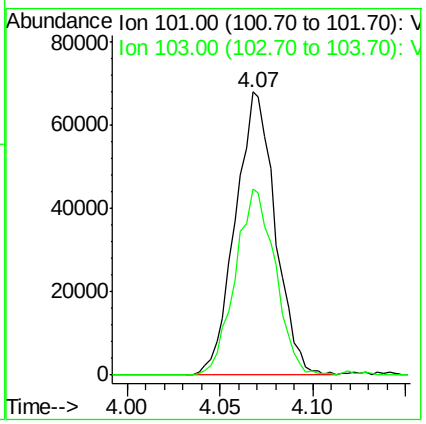


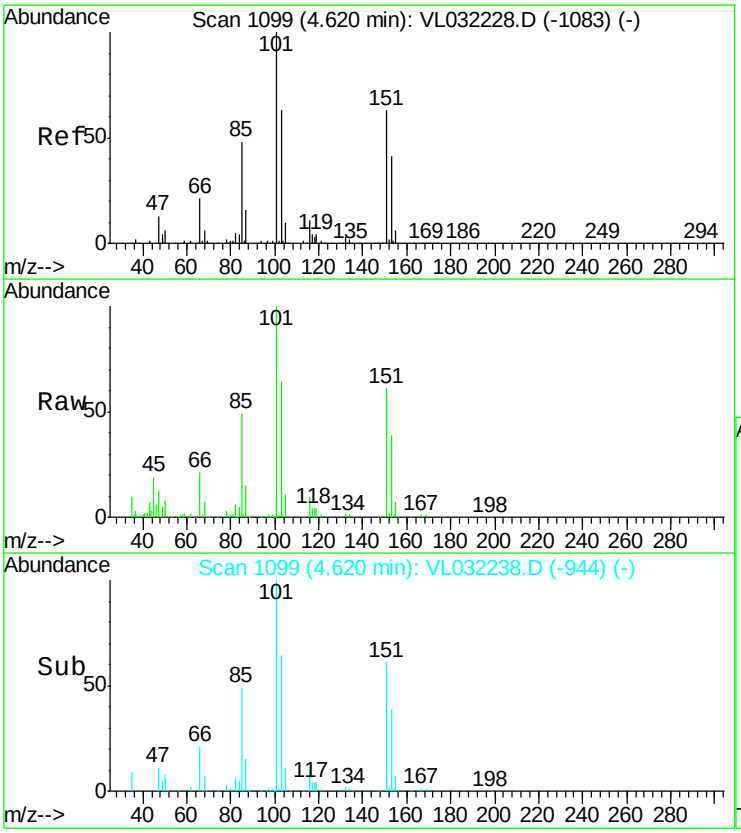

#11
Trichlorofluoromethane
Concen: 0.432 ppbv
RT: 4.07 min Scan# 927
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:101 Resp: 101722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.7 | 50.2 | 75.2 |

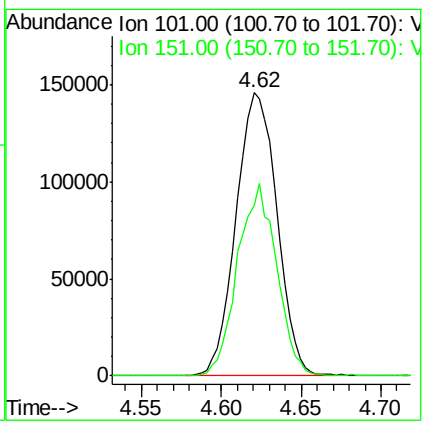


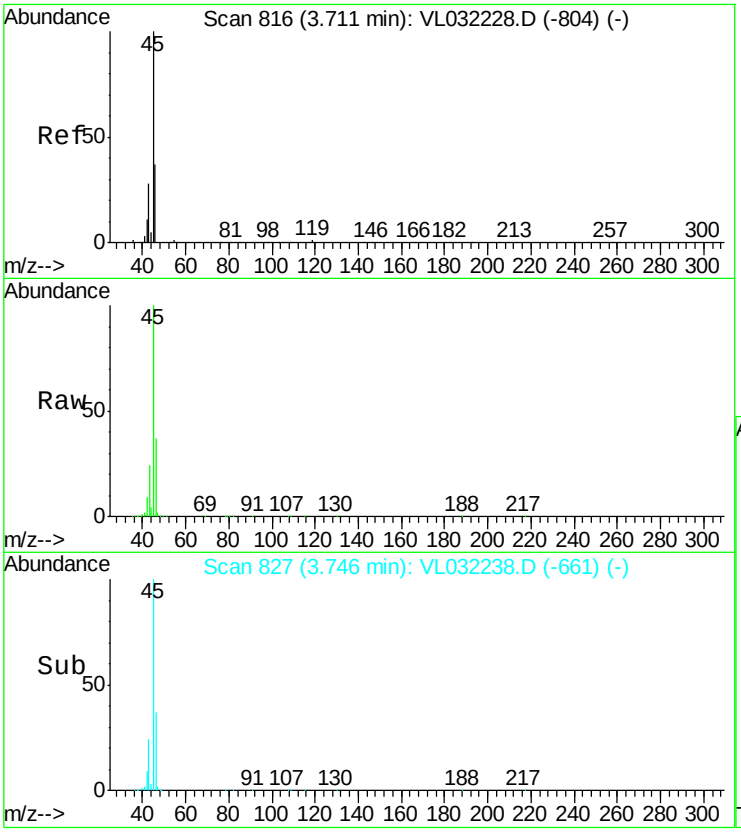




#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.693 ppbv
RT: 4.62 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:101 Resp: 254721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 64.7 | 52.2 | 78.2 |



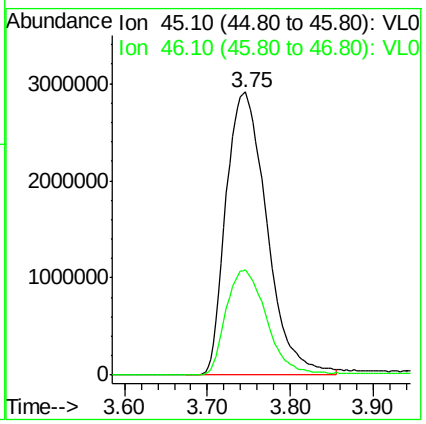


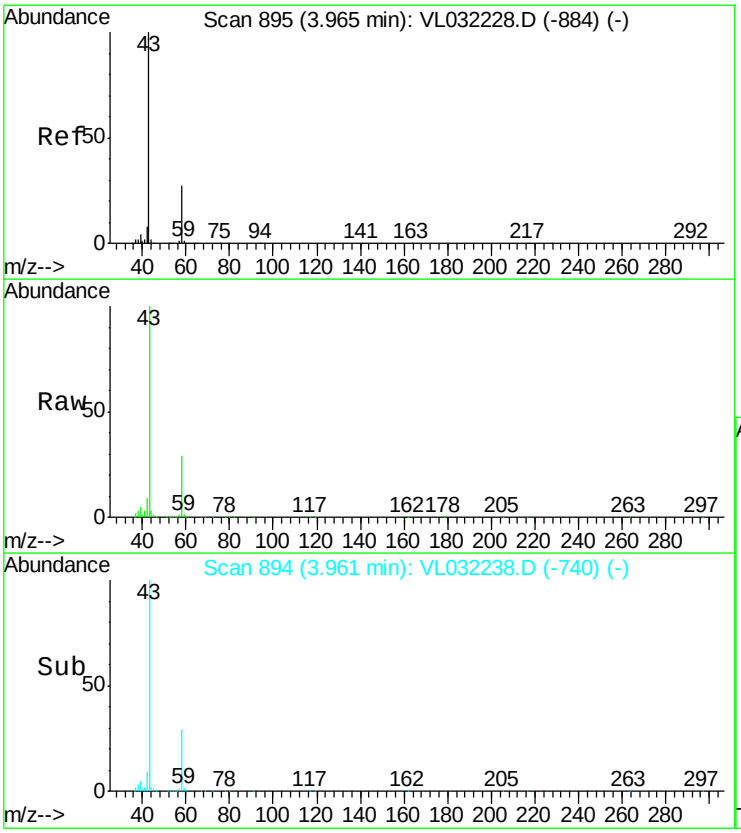

#13
Ethanol
Concen: 385.770 ppbv
RT: 3.75 min Scan# 827
Delta R.T. 0.04 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 45 Resp: 9976746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.3 | 15.5 | 61.9 |

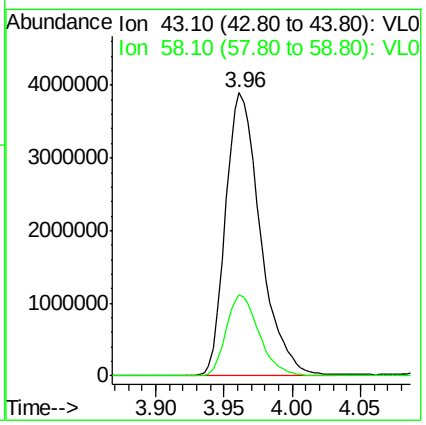


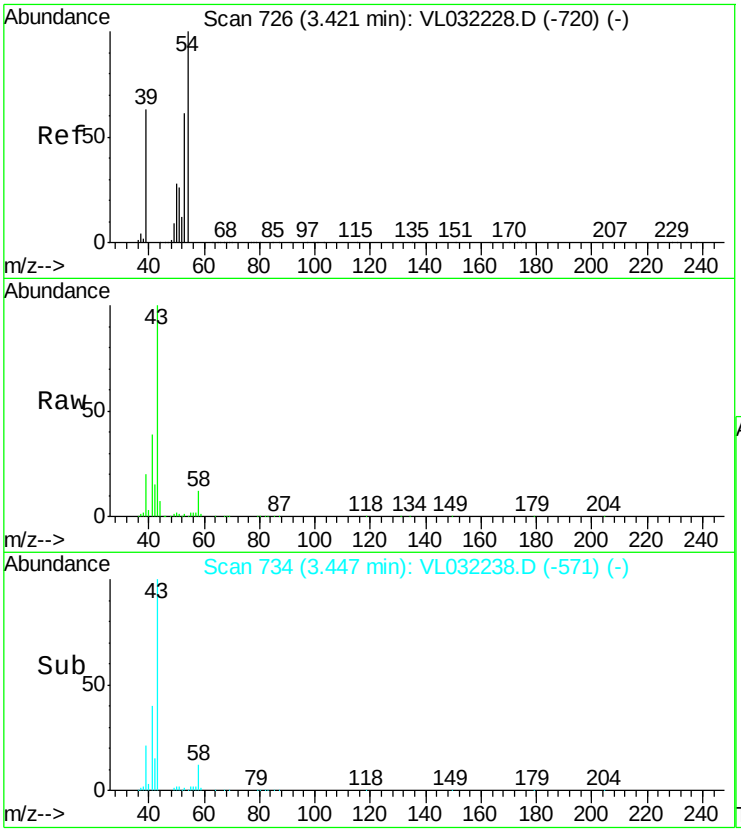




#15
Acetone
Concen: 34.743 ppbv
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 43 Resp: 6895756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.3 | 21.5 | 32.3 |



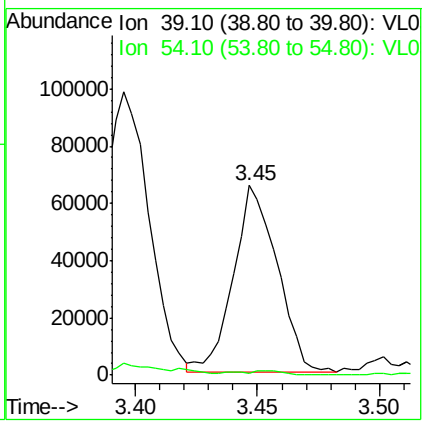


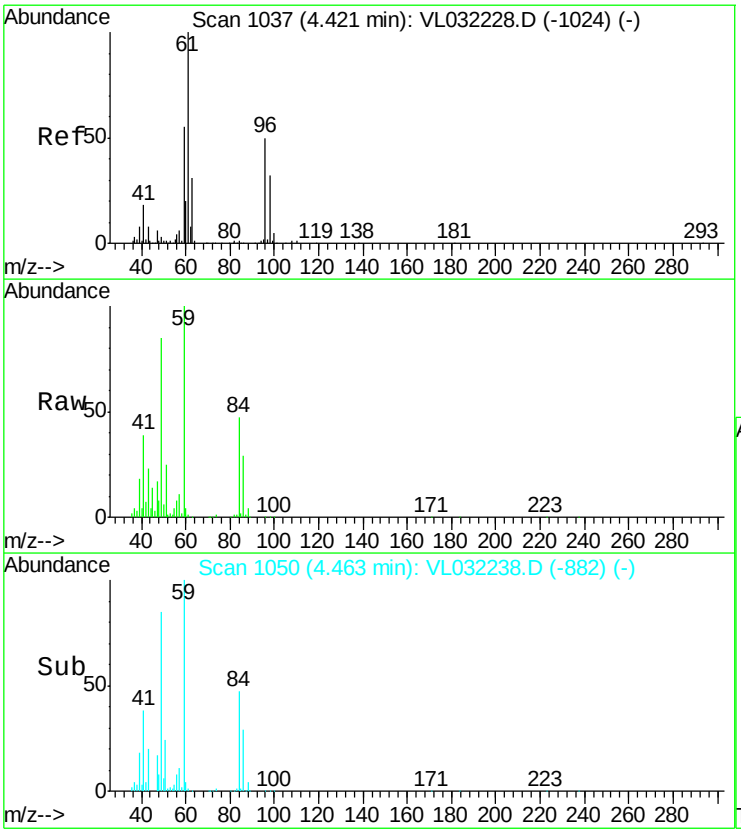

#16
1,3-Butadiene
Concen: 0.804 ppbv
RT: 3.45 min Scan# 734
Delta R.T. 0.03 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 39 Resp: 80611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 2.4 | 70.0 | 105.0# |

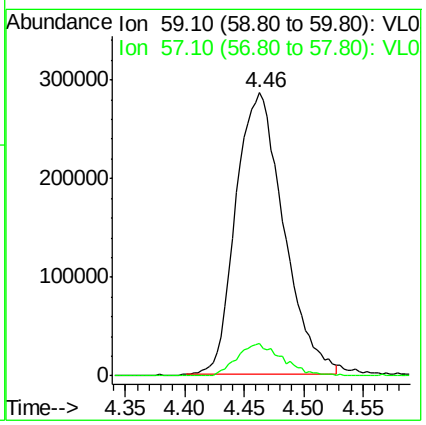


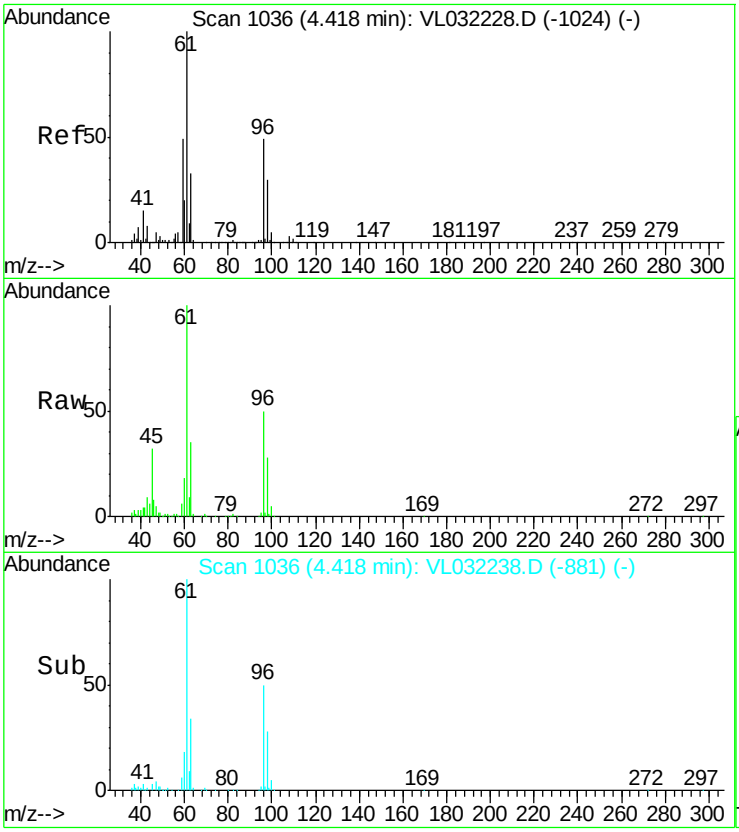




#17
tert-Butyl alcohol
Concen: 8.612 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. 0.04 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 59 Resp: 798050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.1 | 8.4 | 12.6 |



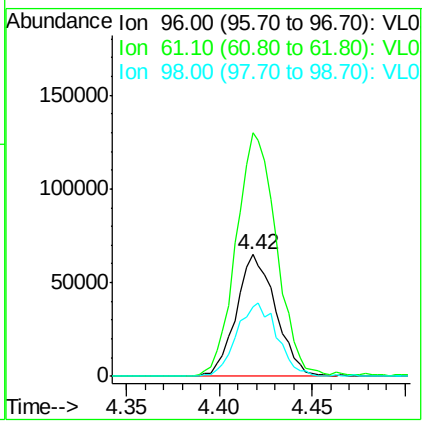


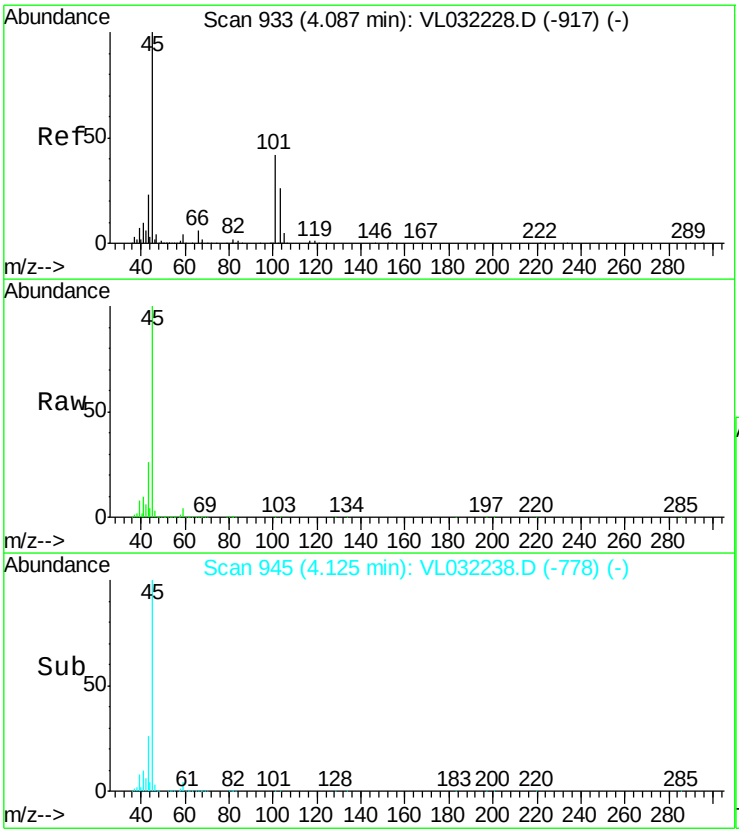

#18
1,1-Dichloroethene
Concen: 1.377 ppbv
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 96 Resp: 96390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 199.3 | 163.0 | 244.4 |
| 98 | 56.9 | 48.5 | 72.7 |

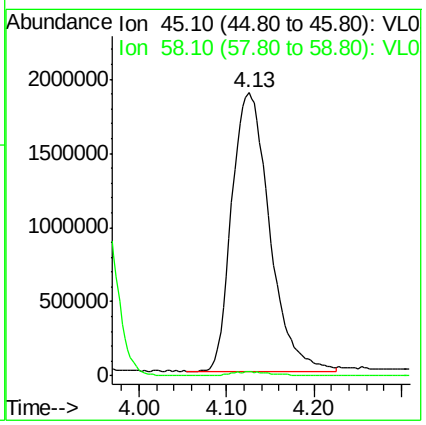


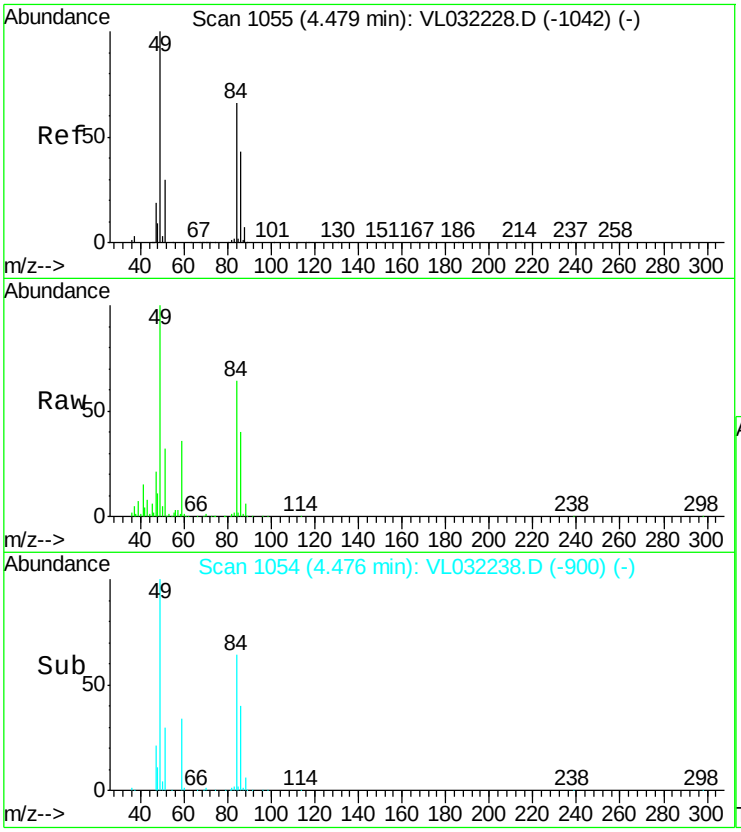




#19
Isopropyl Alcohol
Concen: 43.263 ppbv
RT: 4.13 min Scan# 945
Delta R.T. 0.04 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 45 Resp: 5638216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 1.6 | 1.3 | 1.9 |



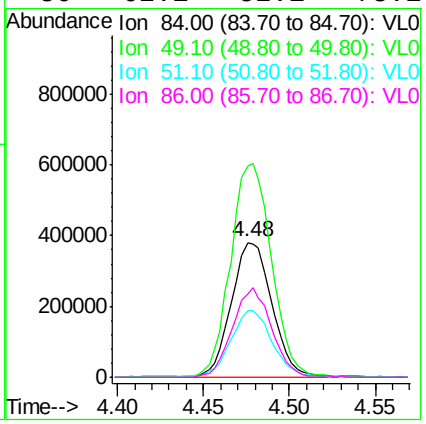


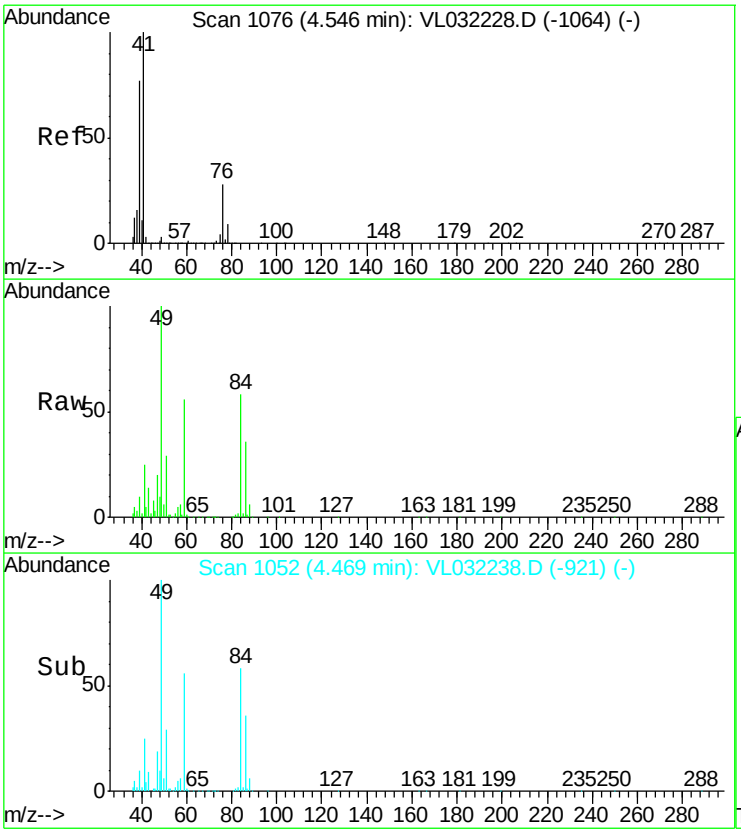

#20
Methylene Chloride
Concen: 9.222 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 84 Resp: 620291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 156.2 | 121.8 | 182.6 |
| 51 | 48.9 | 36.3 | 54.5 |
| 86 | 62.1 | 52.1 | 78.1 |

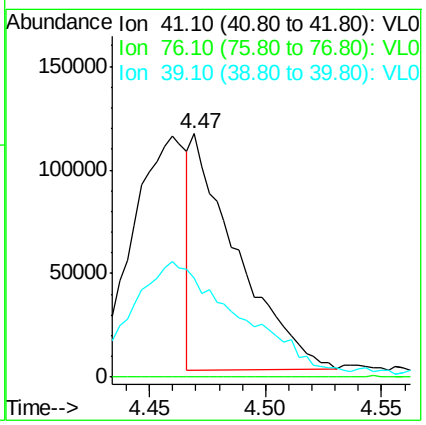


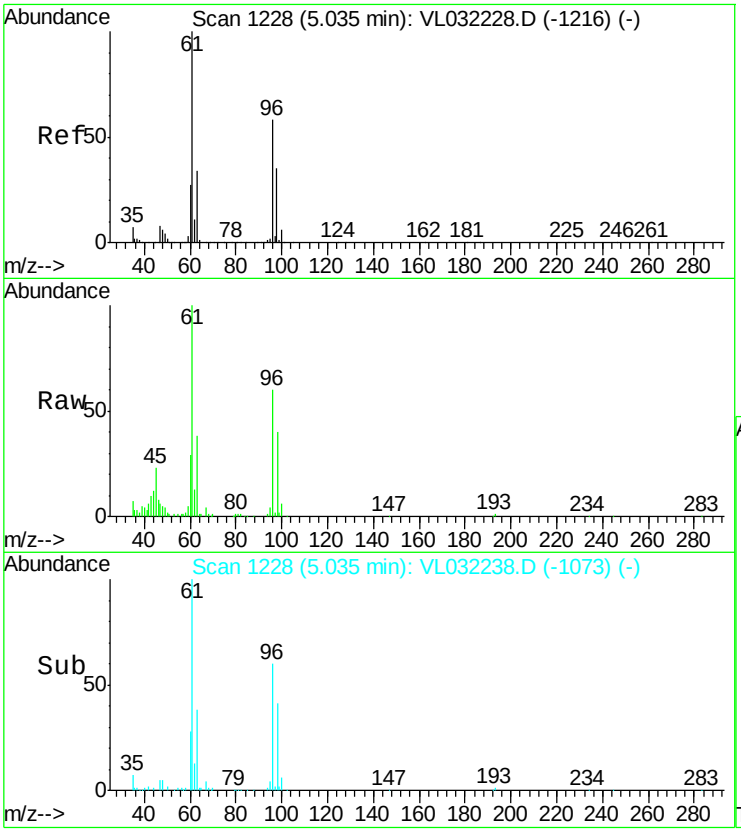




#21
Allyl Chloride
Concen: 1.345 ppbv
RT: 4.47 min Scan# 1052
Delta R.T. -0.08 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 41 Resp: 156228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 0.2 | 22.9 | 34.3# |
| 39 | 0.0 | 62.3 | 93.5# |



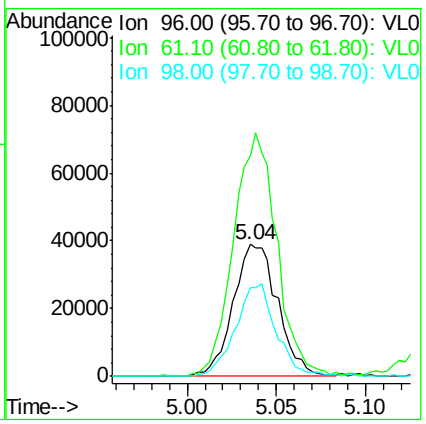


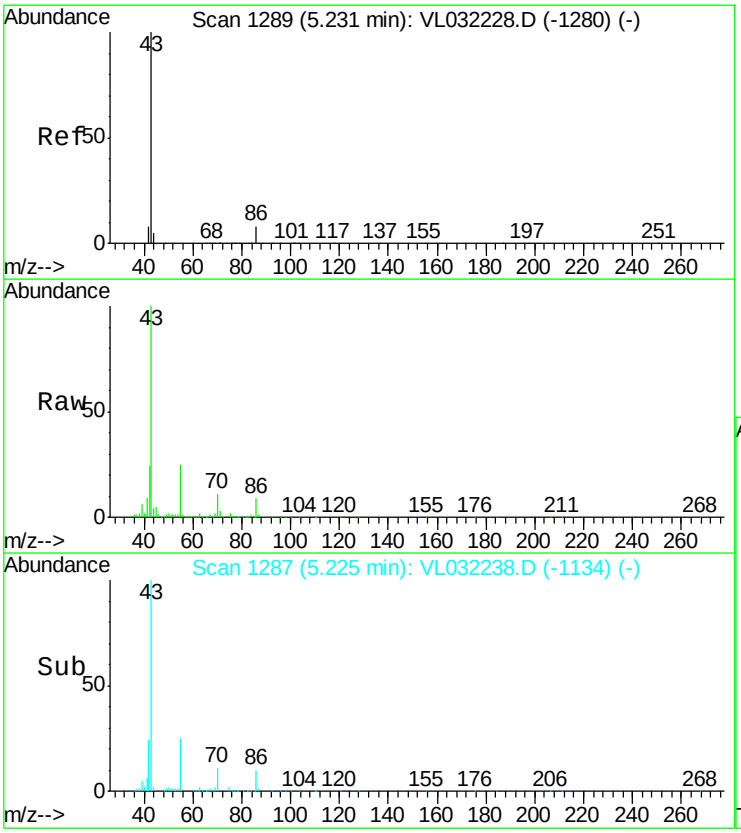

#22
trans-1,2-Dichloroethene
Concen: 1.018 ppbv
RT: 5.04 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 96 Resp: 67866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 165.9 | 139.1 | 208.7 |
| 98 | 67.3 | 48.4 | 72.6 |

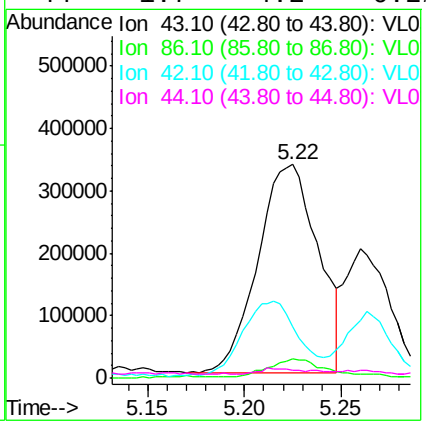


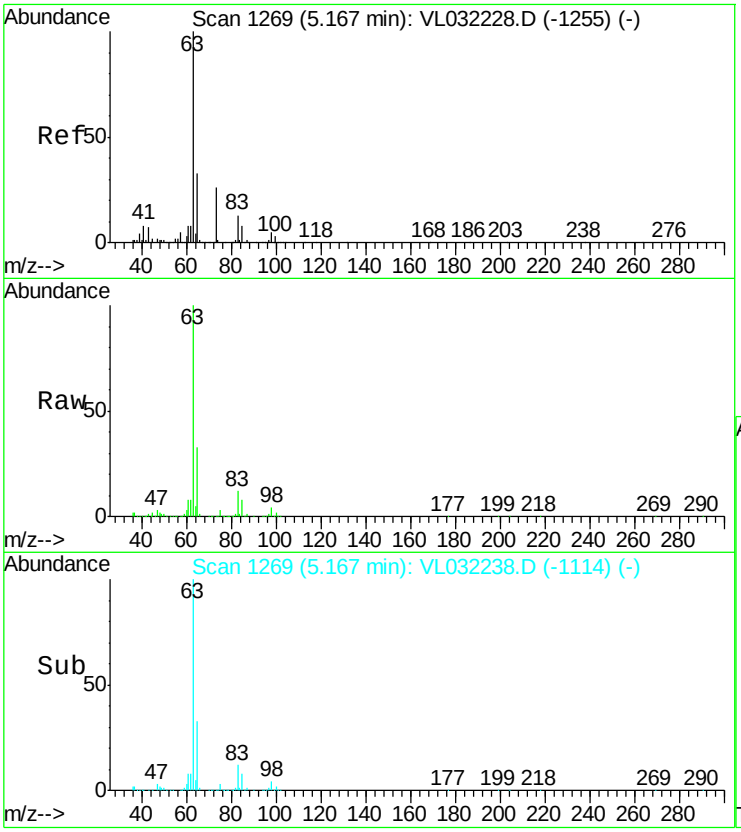




#23
Vinyl Acetate
Concen: 2.199 ppbv
RT: 5.22 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 43 Resp: 725698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.5 | 5.9 | 8.9 |
| 42 | 23.4 | 7.0 | 10.6# |
| 44 | 1.7 | 4.2 | 6.2# |



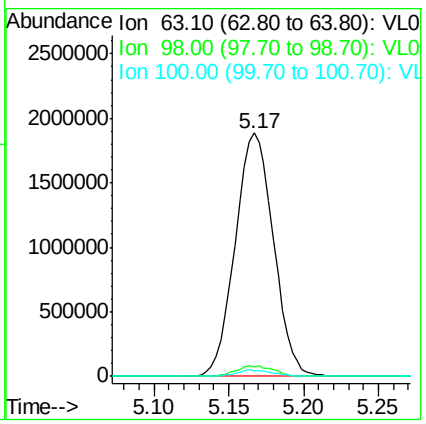


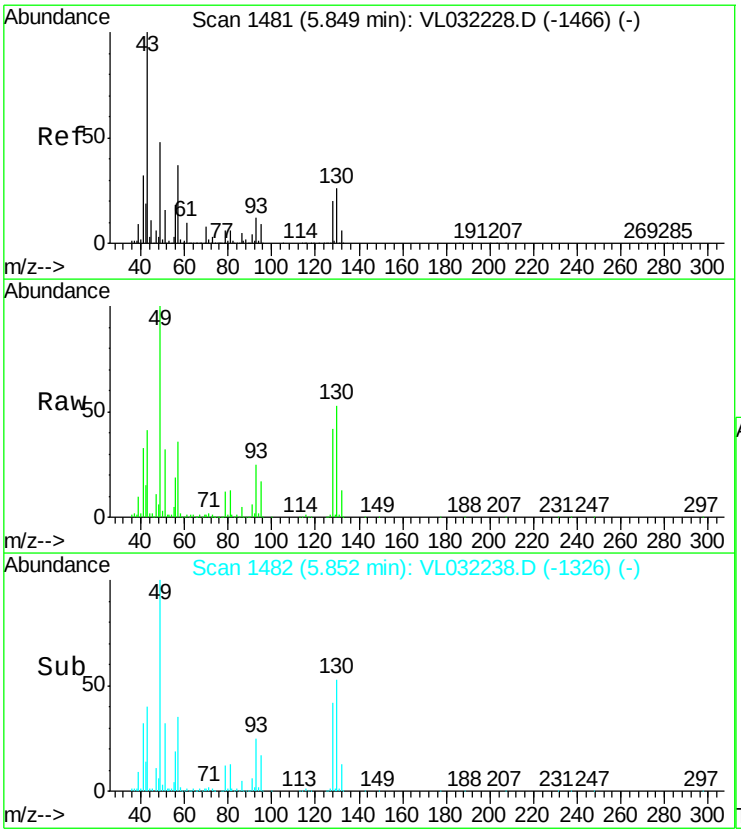

#24
1,1-Dichloroethane
Concen: 14.496 ppbv
RT: 5.17 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 63 Resp: 3359758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.0 | 2.4 | 7.1 |
| 100 | 2.4 | 1.5 | 4.4 |

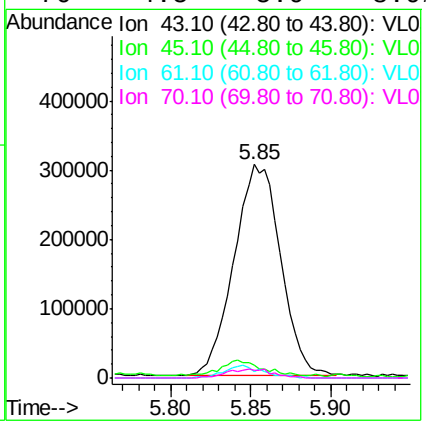


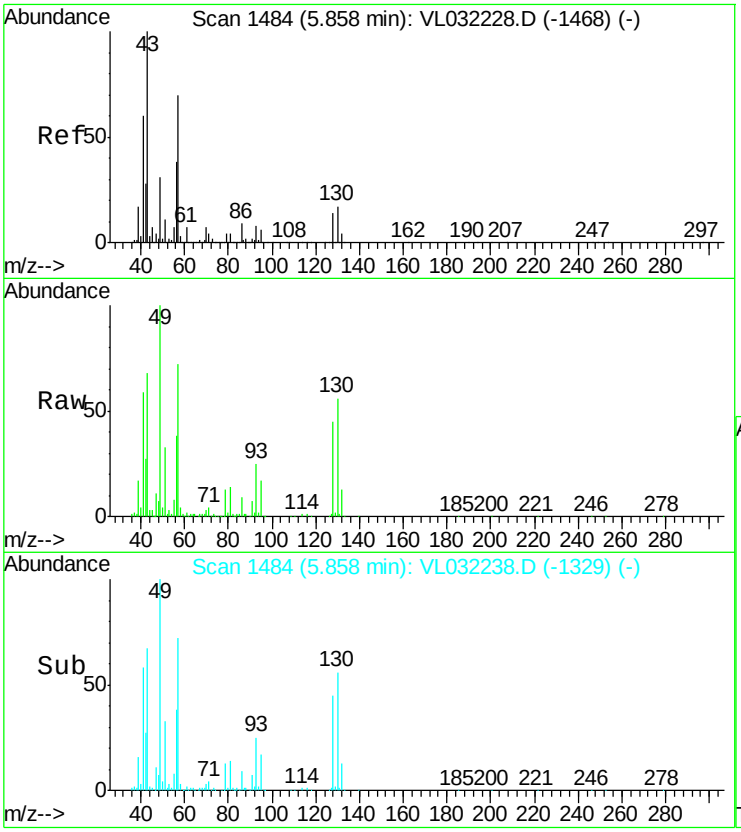




#25
Ethyl Acetate
Concen: 1.551 ppbv
RT: 5.85 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 43 Resp: 609193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 8.3 | 8.0 | 12.0 |
| 61 | 5.0 | 7.7 | 11.5# |
| 70 | 4.5 | 5.9 | 8.9# |



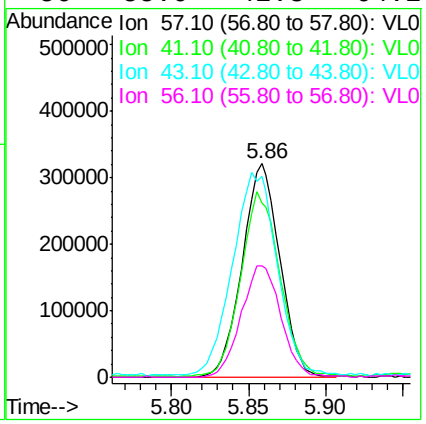


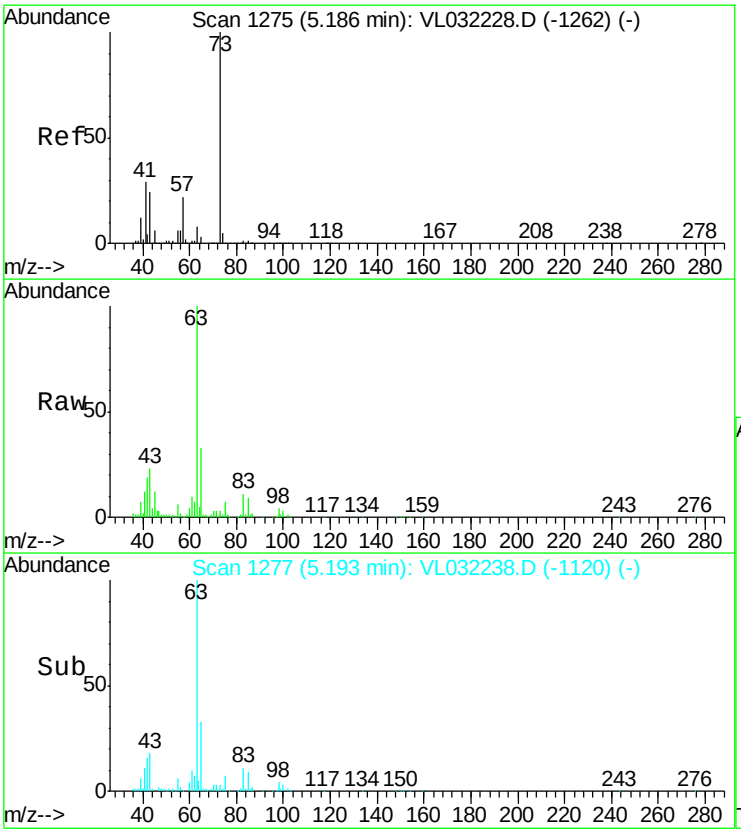

#26
Hexane
Concen: 3.043 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 57 Resp: 545106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 90.5 | 68.7 | 103.1 |
| 43 | 113.1 | 176.2 | 264.2# |
| 56 | 55.0 | 42.8 | 64.2 |

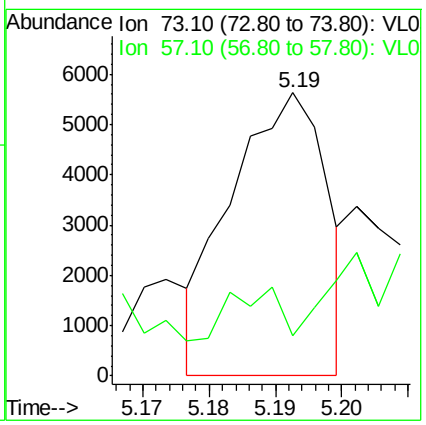


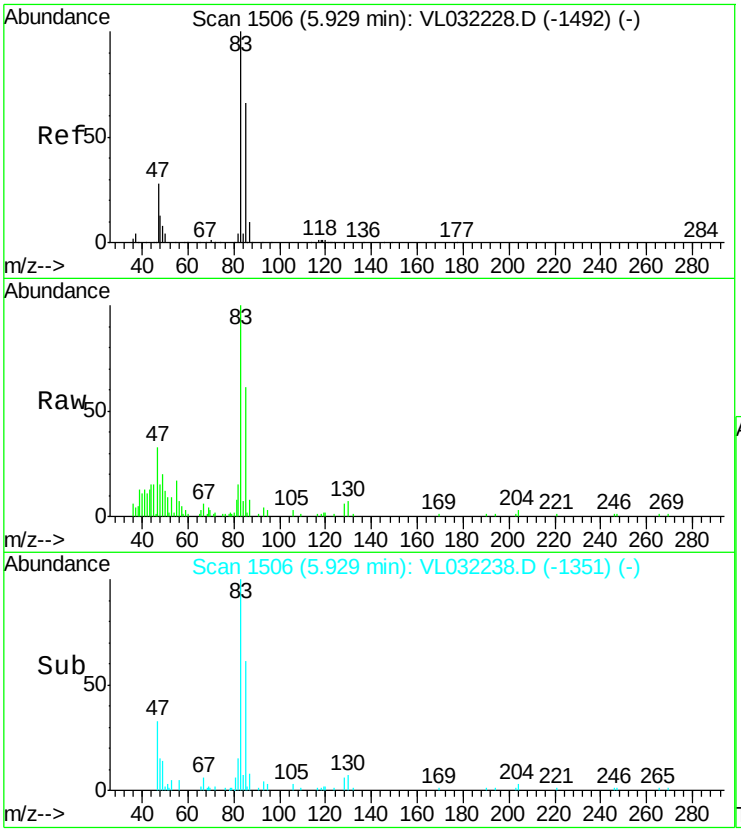




#28
Methyl tert-Butyl Ether
Concen: 0.020 ppbv
RT: 5.19 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 73 Resp: 5660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 0.0 | 18.6 | 27.8# |



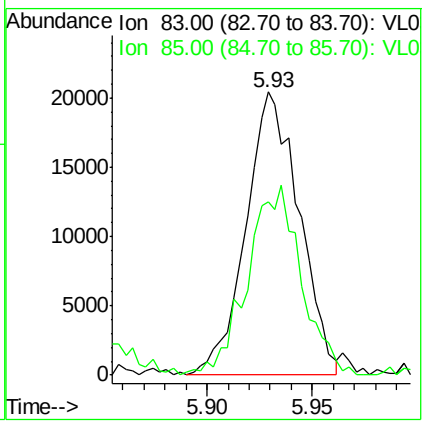


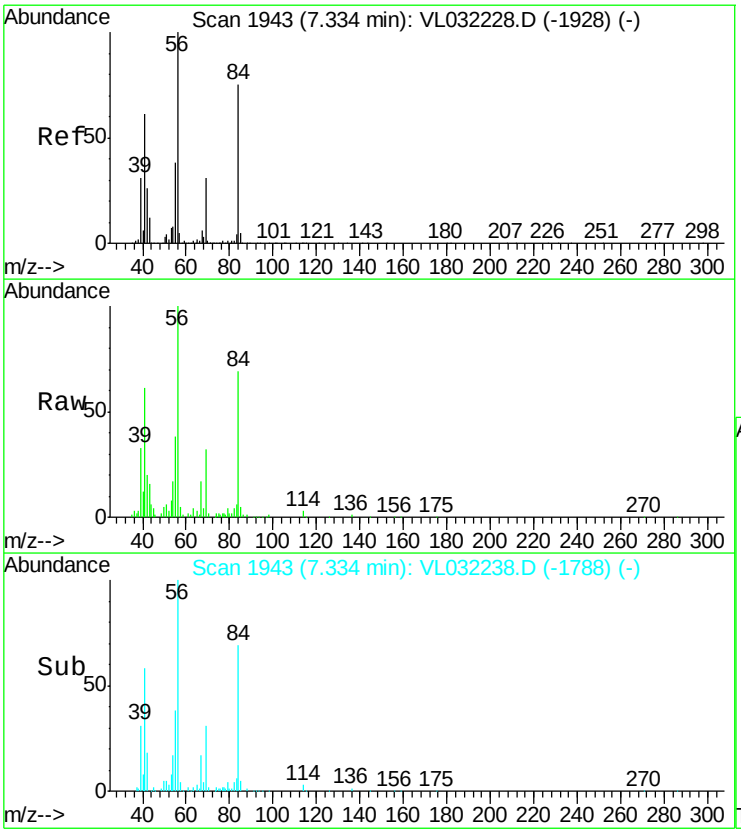

#29
Chloroform
Concen: 0.130 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 83 Resp: 35938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.3 | 52.7 | 79.1 |

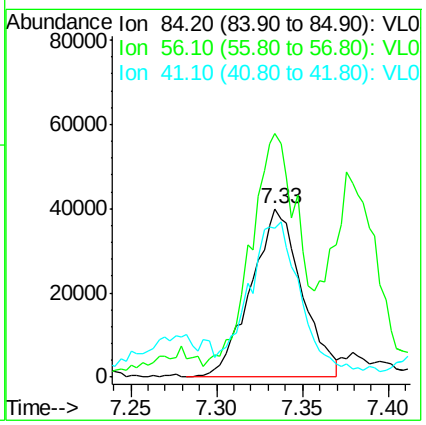


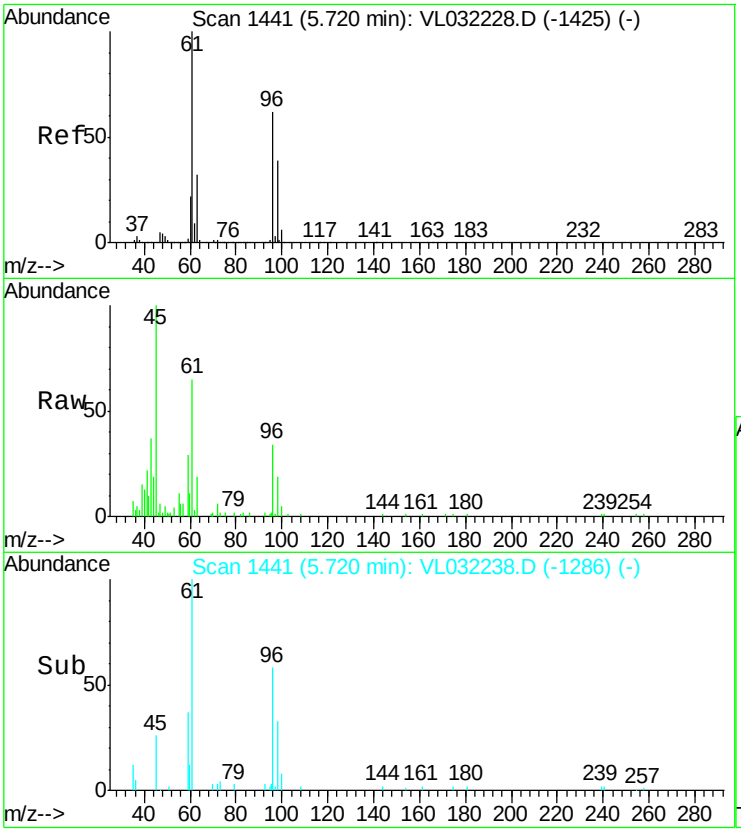




#30
Cyclohexane
Concen: 0.519 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 84 Resp: 82058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 142.6 | 112.6 | 168.8 |
| 41 | 89.2 | 67.0 | 100.6 |



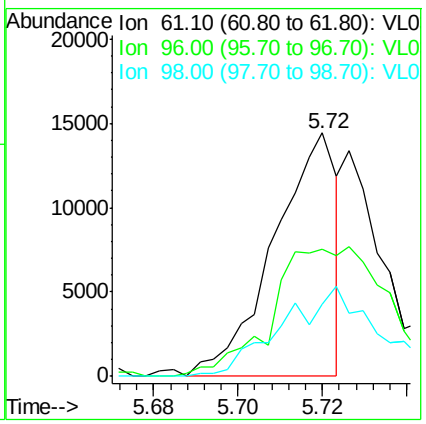


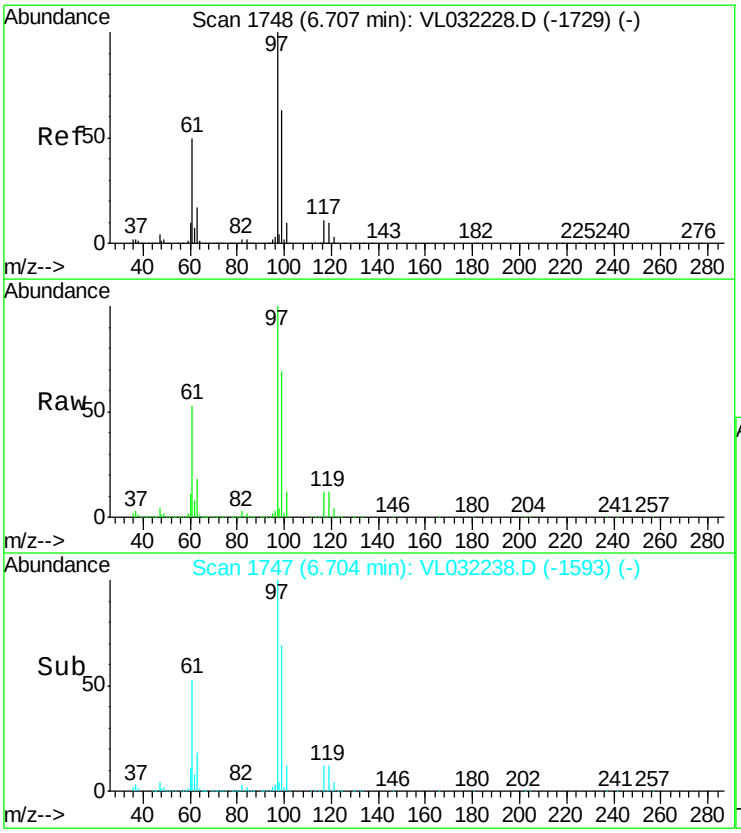

#31
cis-1,2-Dichloroethene
Concen: 0.084 ppbv
RT: 5.72 min Scan# 1441
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 61 Resp: 14956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 48.7 | 49.8 | 74.8# |
| 98 | 26.2 | 31.4 | 47.2# |

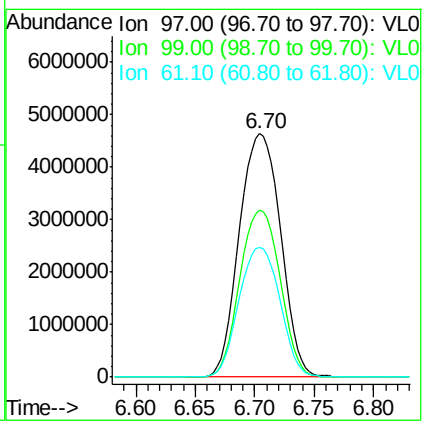


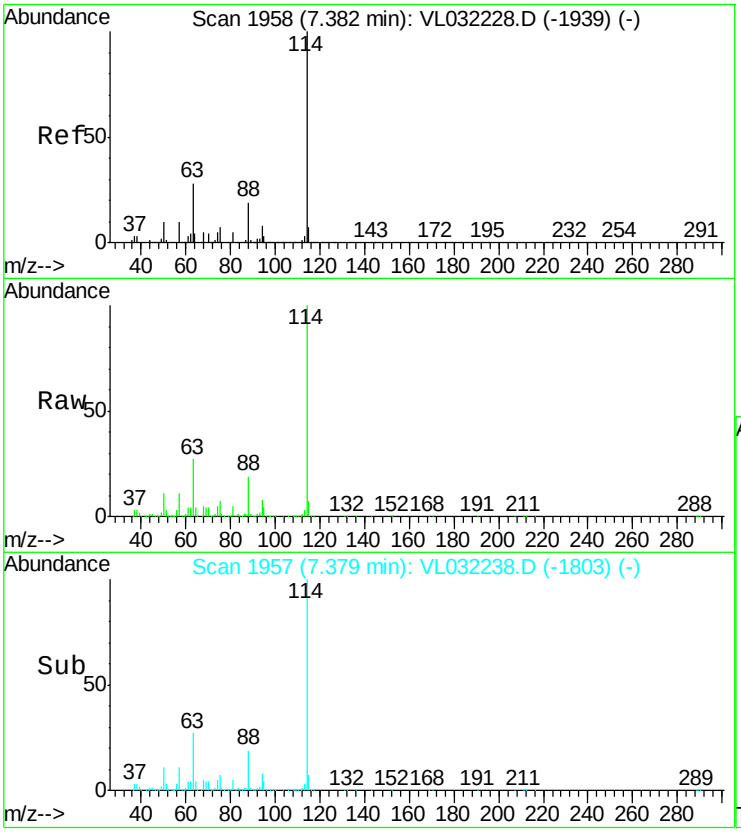




#32
1,1,1-Trichloroethane
Concen: 41.802 ppbv
RT: 6.70 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 97 Resp:11219417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 67.1 | 51.2 | 76.8 |
| 61 | 52.9 | 41.3 | 61.9 |



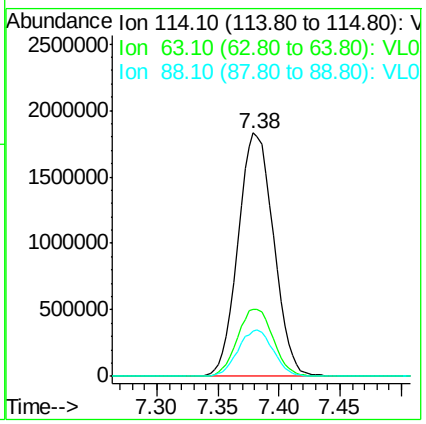


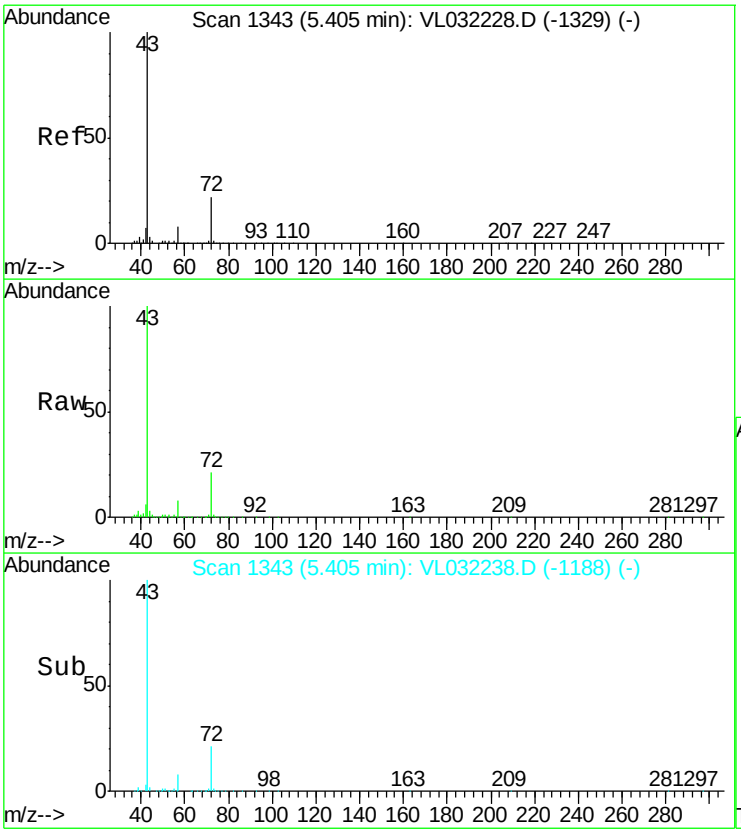

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:114 Resp: 3676853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 28.0 | 22.5 | 33.7 |
| 88 | 18.9 | 15.4 | 23.0 |

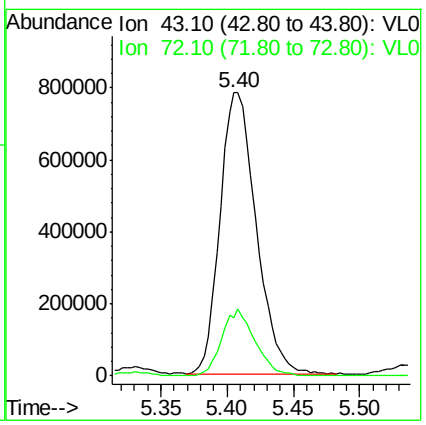


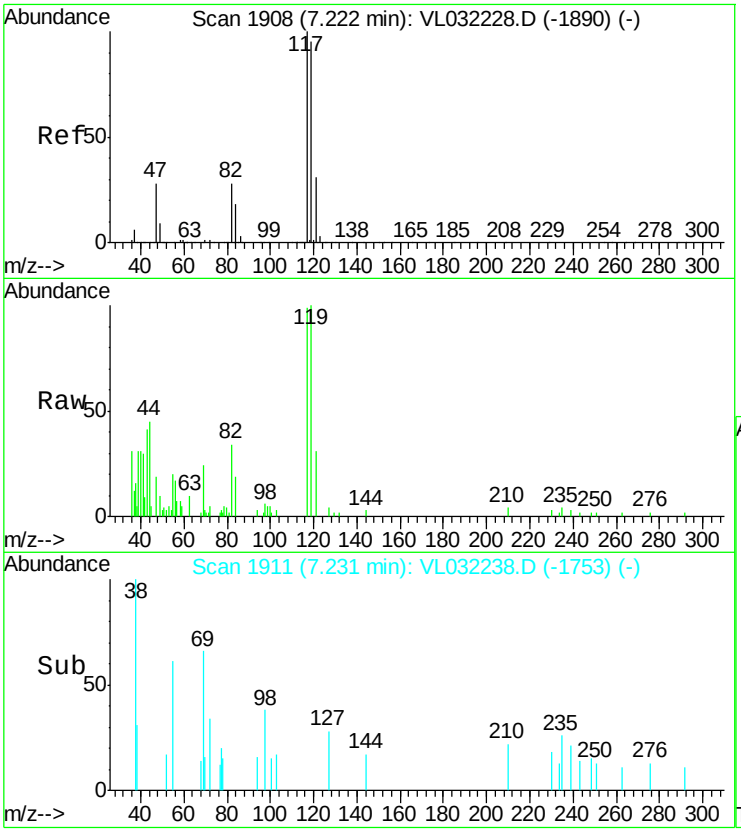




#34
2-Butanone
Concen: 5.913 ppbv
RT: 5.40 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 43 Resp: 1481238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.9 | 18.1 | 27.1 |



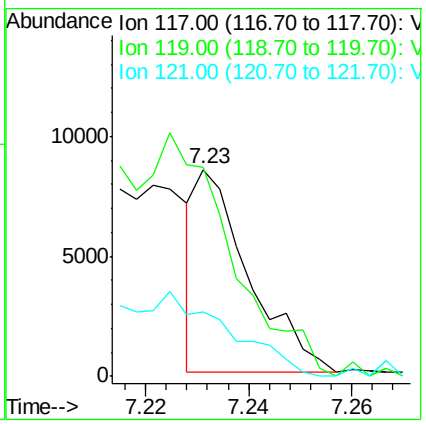


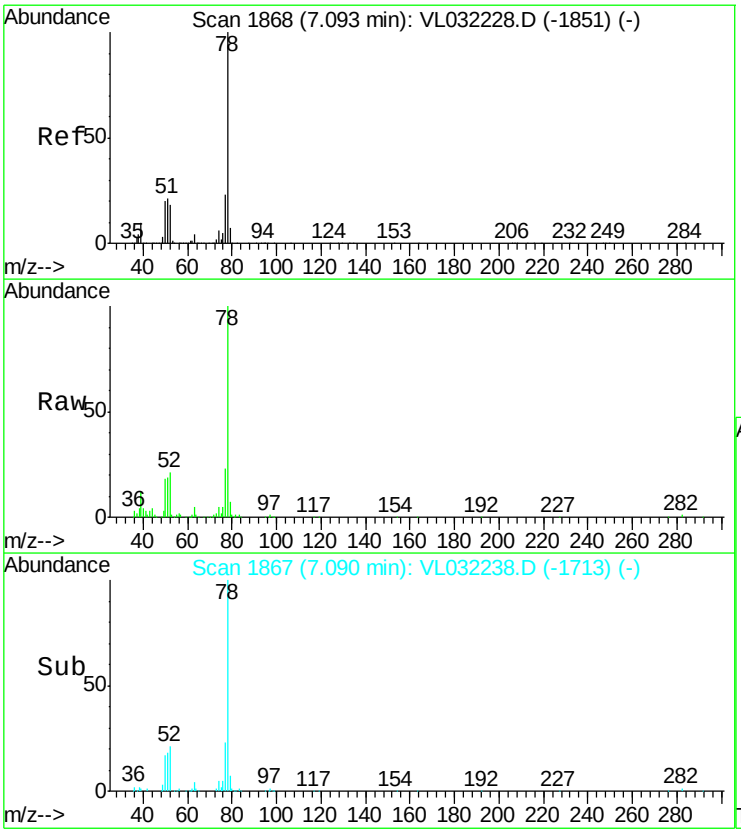

#35
Carbon Tetrachloride
Concen: 0.024 ppbv
RT: 7.23 min Scan# 1911
Delta R.T. 0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:117 Resp: 5979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 103.2 | 75.7 | 113.5 |
| 121 | 31.8 | 24.6 | 37.0 |

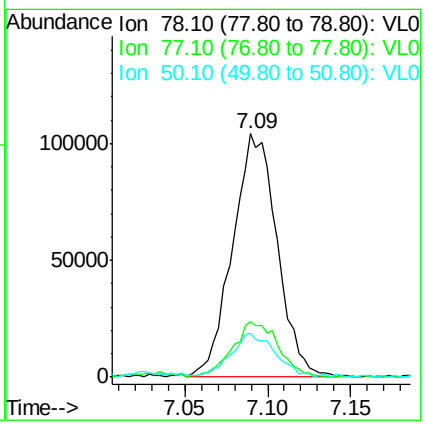


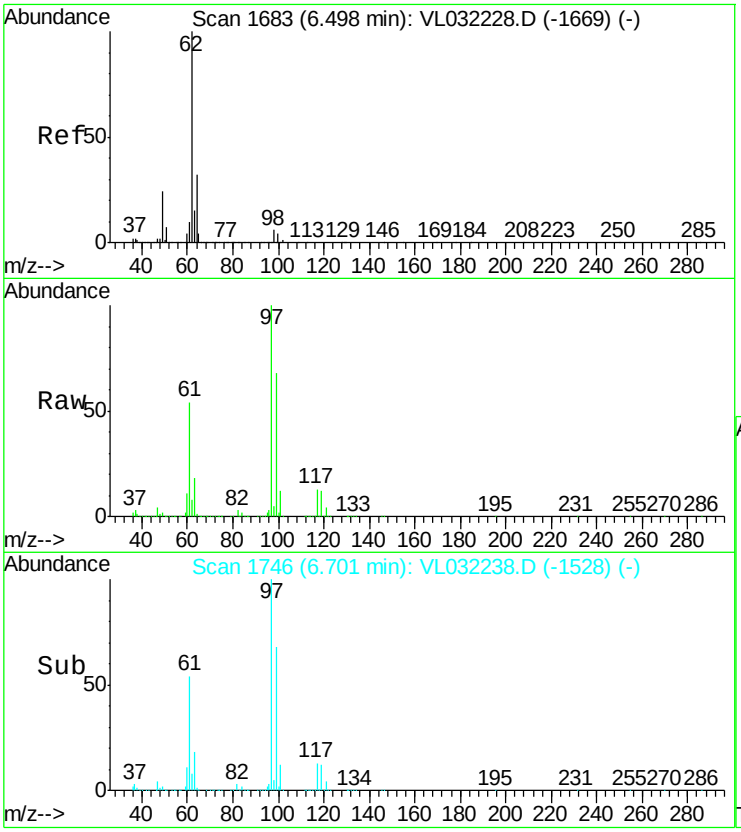




#36
Benzene
Concen: 0.528 ppbv
RT: 7.09 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 78 Resp: 192828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.0 | 18.0 | 27.0 |
| 50 | 17.1 | 15.8 | 23.8 |



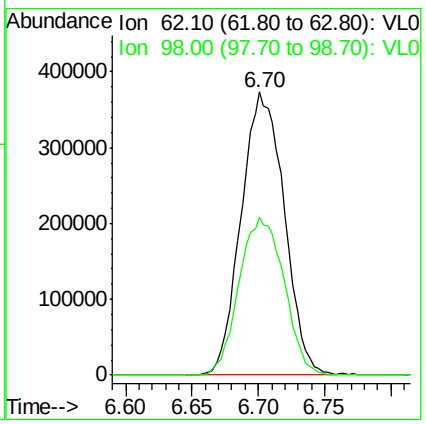


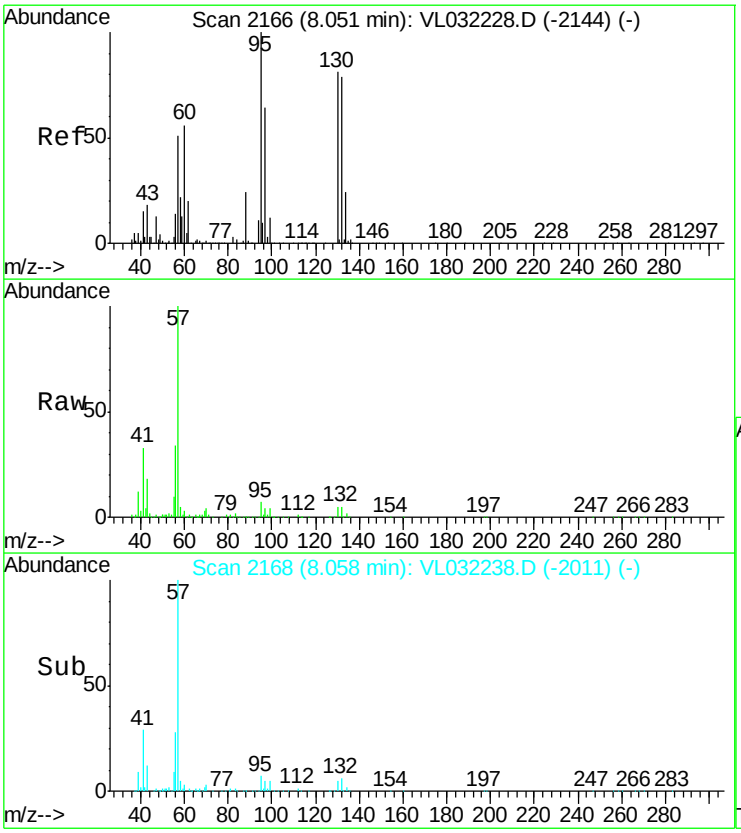

#37
1,2-Dichloroethane
Concen: 4.222 ppbv
RT: 6.70 min Scan# 1746
Delta R.T. 0.20 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 62 Resp: 844661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 58.4 | 4.6 | 7.0# |

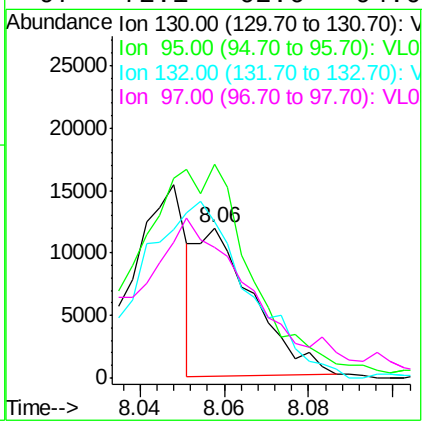


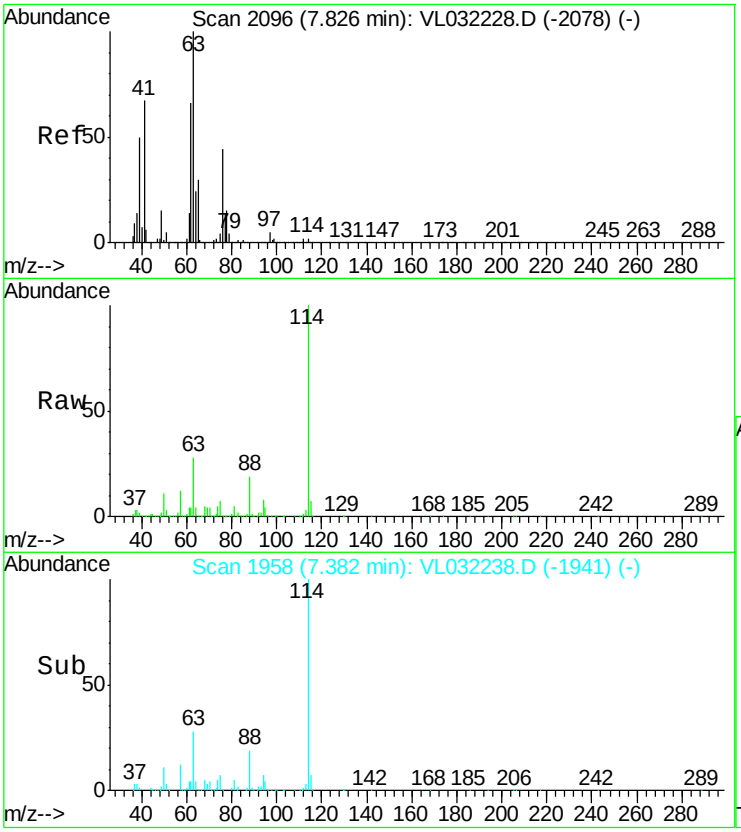




#38
Trichloroethene
Concen: 0.088 ppbv
RT: 8.06 min Scan# 2168
Delta R.T. 0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:130 Resp: 11019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 135.7 | 98.3 | 147.5 |
| 132 | 103.1 | 78.1 | 117.1 |
| 97 | 72.1 | 62.6 | 94.0 |



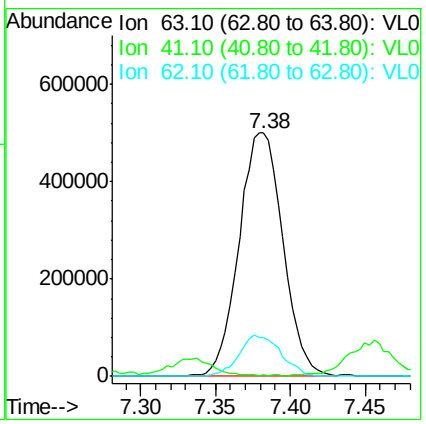


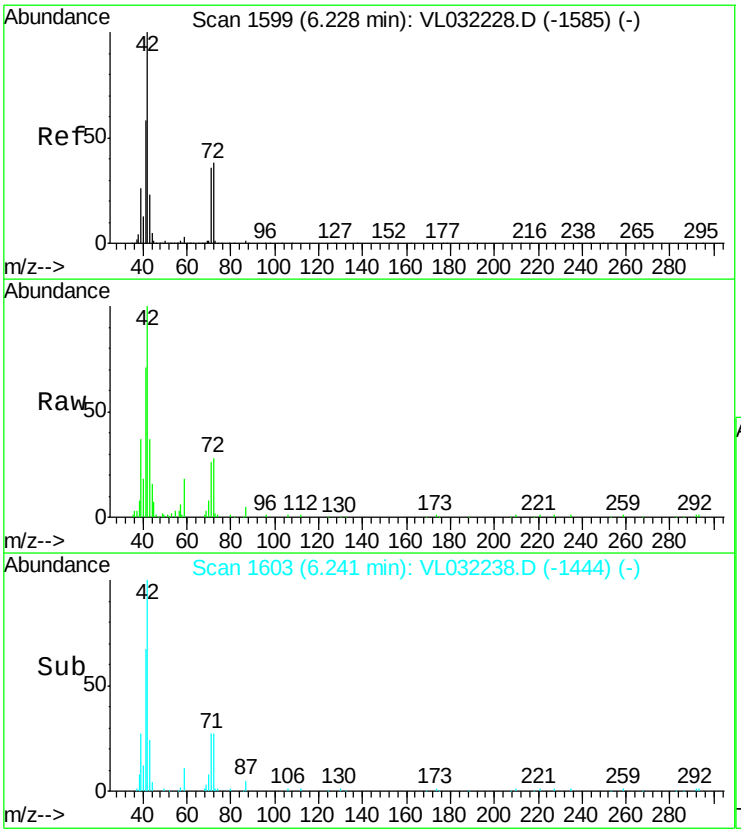

#39
1,2-Dichloropropane
Concen: 7.018 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.44 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 63 Resp: 1019201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 53.8 | 80.6# |
| 62 | 15.8 | 53.1 | 79.7# |

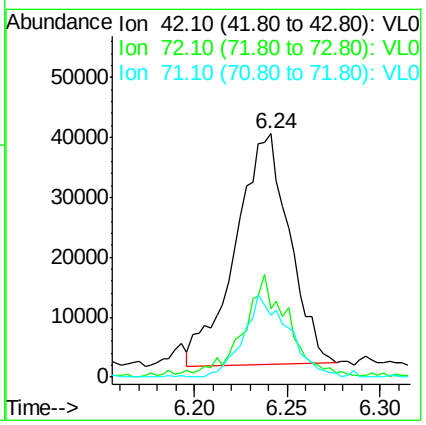


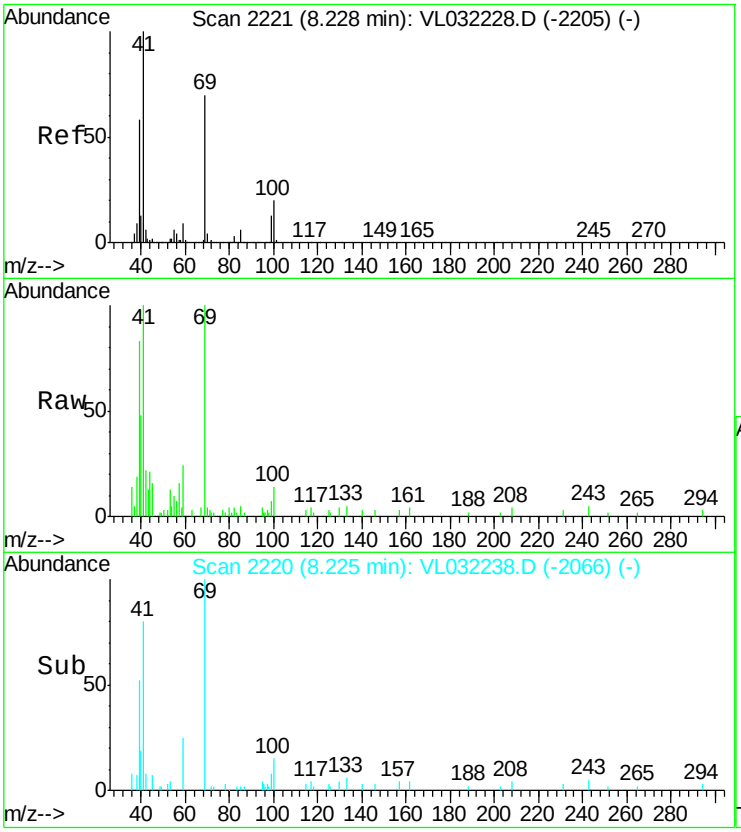




#41
Tetrahydrofuran
Concen: 0.556 ppbv
RT: 6.24 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 42 Resp: 78012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.0 | 30.6 | 45.8 |
| 71 | 30.2 | 29.7 | 44.5 |



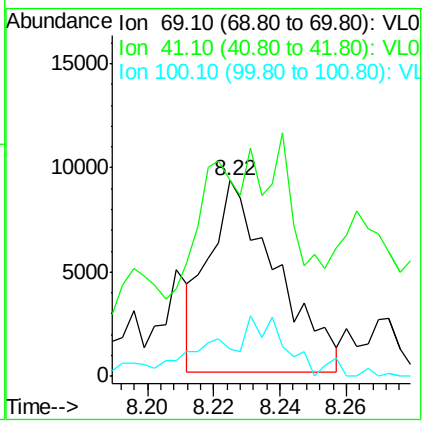


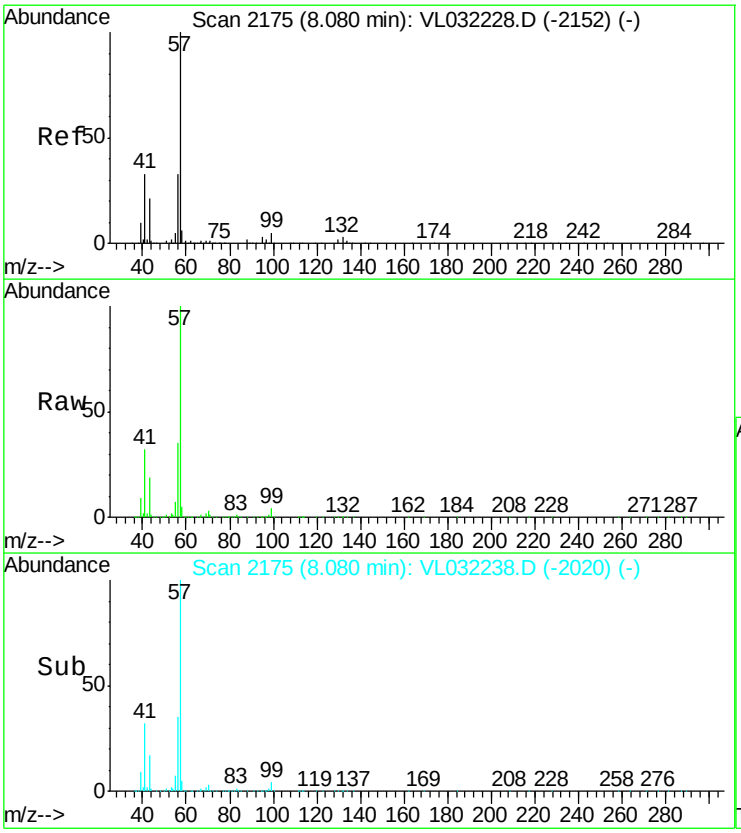

#43
Methyl Methacrylate
Concen: 0.092 ppbv
RT: 8.22 min Scan# 2220
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 69 Resp: 13033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 189.6 | 116.3 | 174.5# |
| 100 | 35.4 | 23.8 | 35.8 |

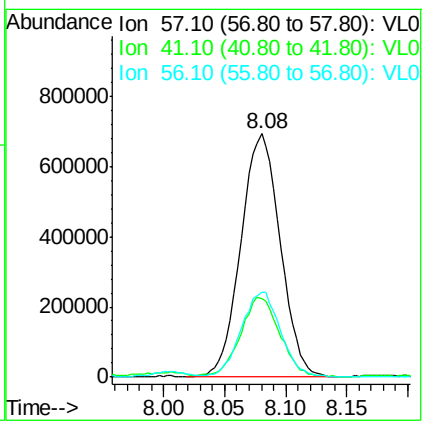


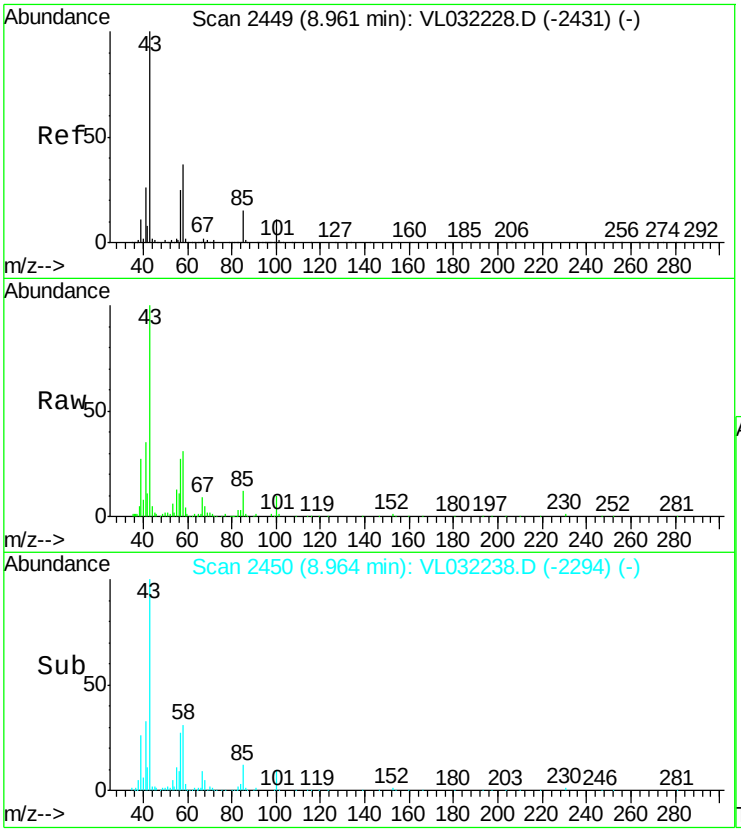




#44
2,2,4-Trimethylpentane
Concen: 2.443 ppbv
RT: 8.08 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 57 Resp: 1535186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 32.8 | 24.7 | 37.1 |
| 56 | 35.1 | 25.4 | 38.0 |



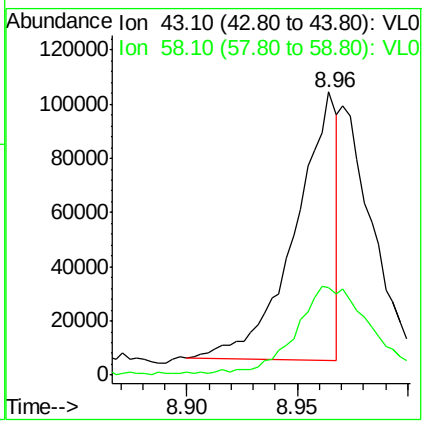


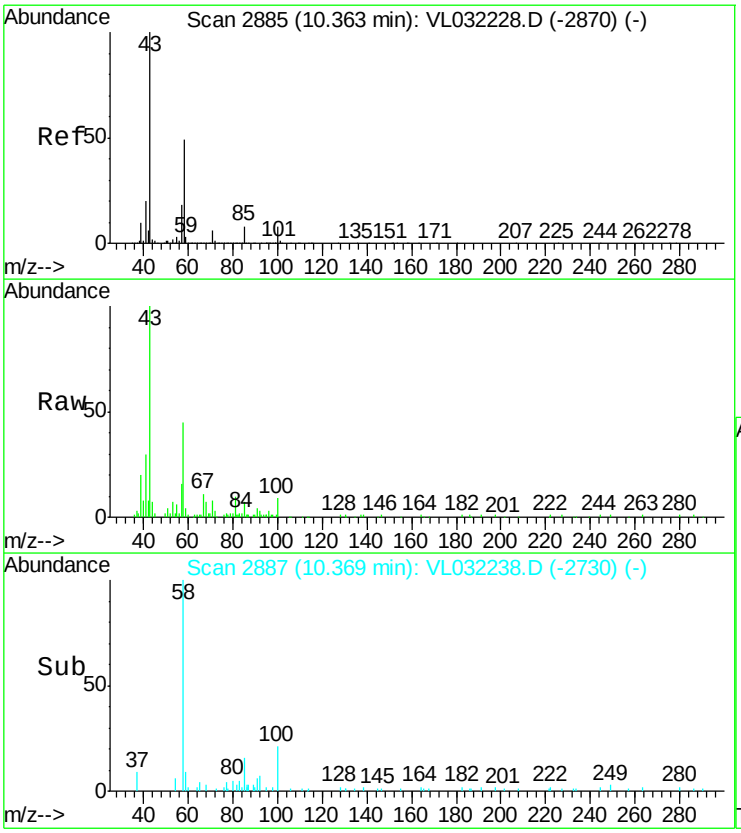

#50
4-Methyl-2-Pentanone
Concen: 0.301 ppbv
RT: 8.96 min Scan# 2450
Delta R.T. 0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 43 Resp: 130506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.7 | 29.5 | 44.3# |

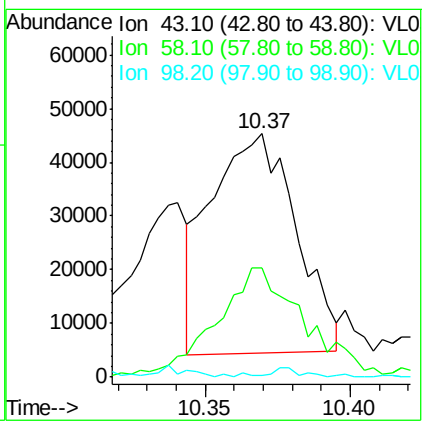


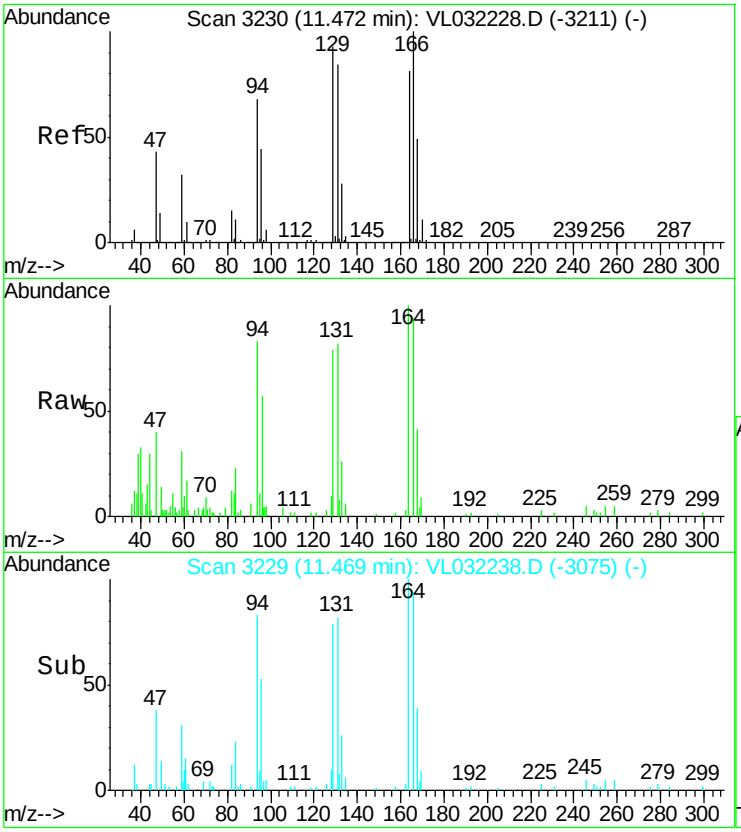




#51
2-Hexanone
Concen: 0.230 ppbv
RT: 10.37 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 43 Resp: 83342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.1 | 39.9 | 59.9 |
| 98 | 2.0 | 0.2 | 0.4# |



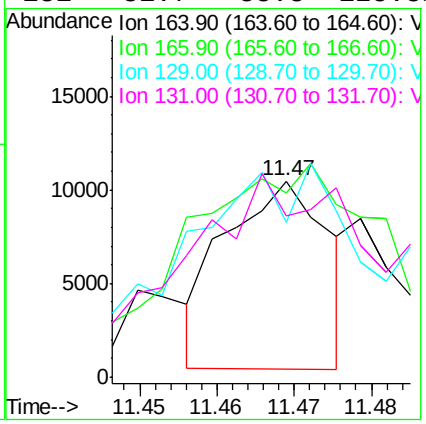


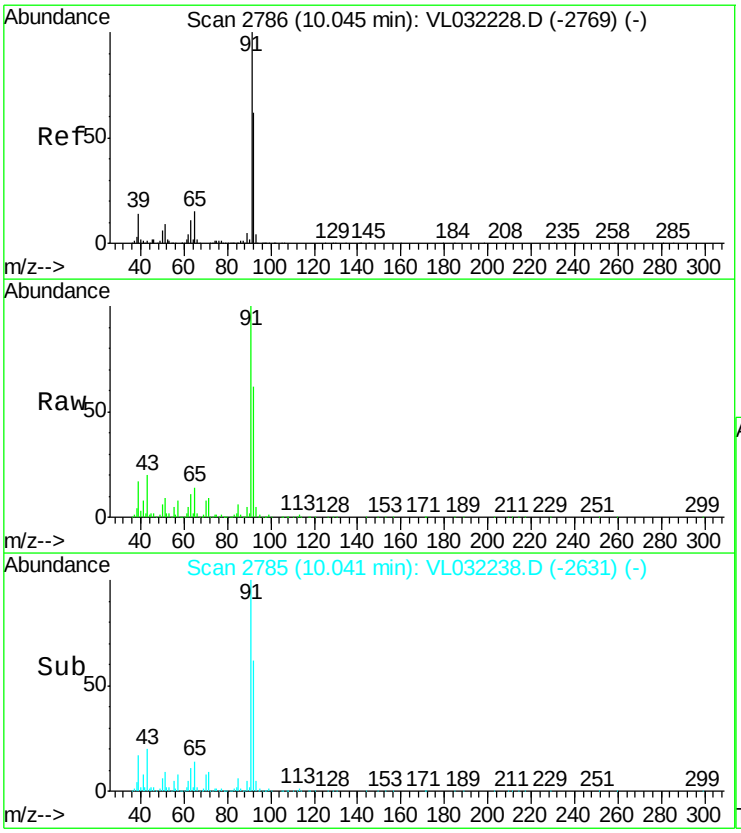

#52
Tetrachloroethene
Concen: 0.069 ppbv
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:164 Resp: 9276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 19.1 | 99.3 | 148.9# |
| 129 | 7.1 | 92.0 | 138.0# |
| 131 | 31.7 | 83.8 | 125.8# |

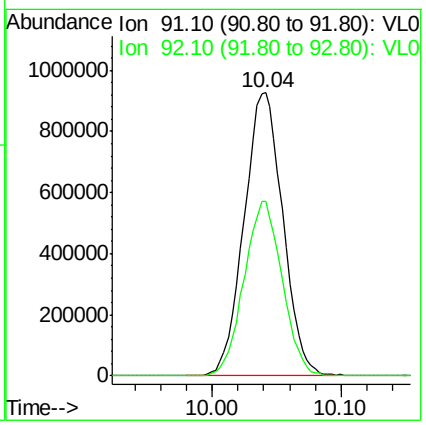


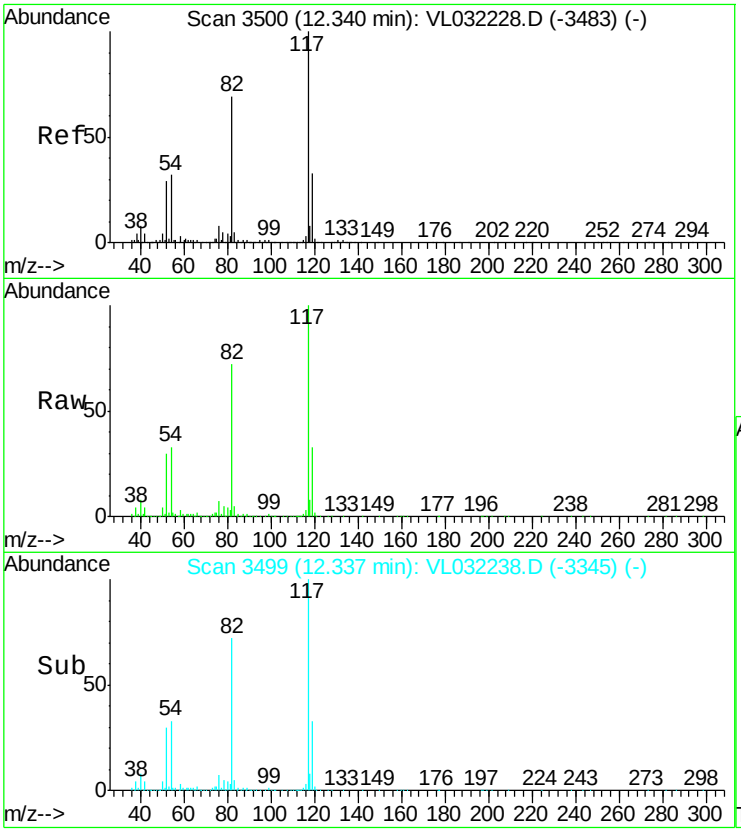




#53
Toluene
Concen: 4.494 ppbv
RT: 10.04 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 91 Resp: 1941667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.9 | 49.0 | 73.4 |



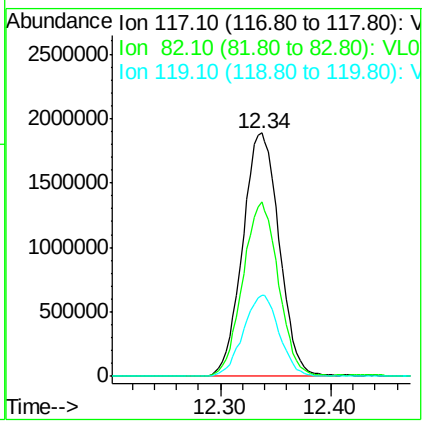


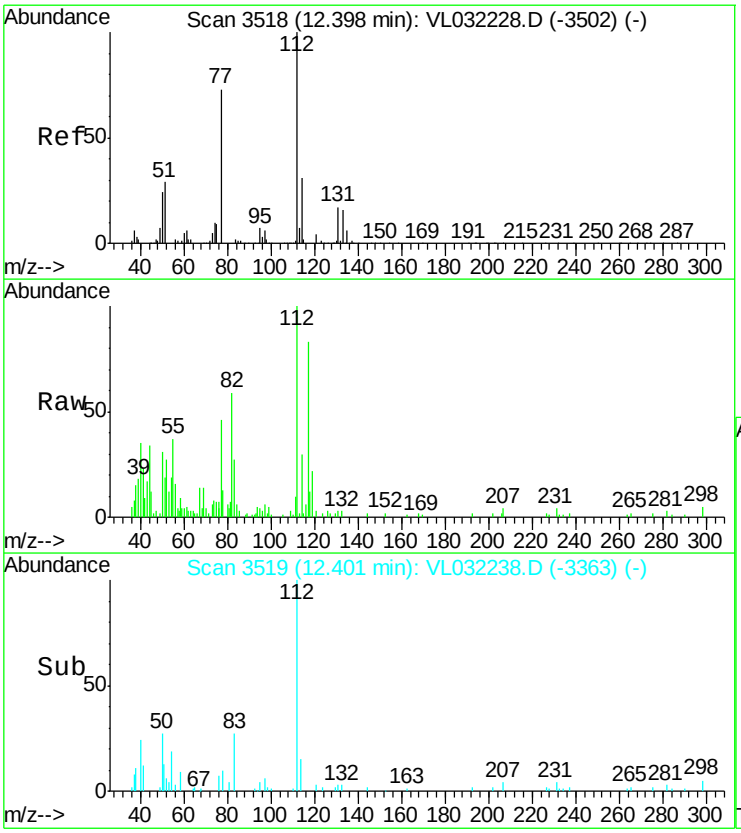

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:117 Resp: 4334562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 69.9 | 53.2 | 79.8 |
| 119 | 32.8 | 43.9 | 65.9# |

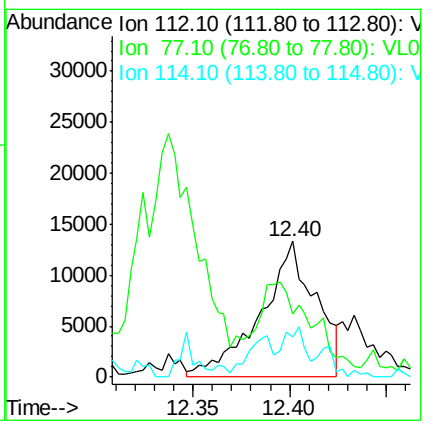


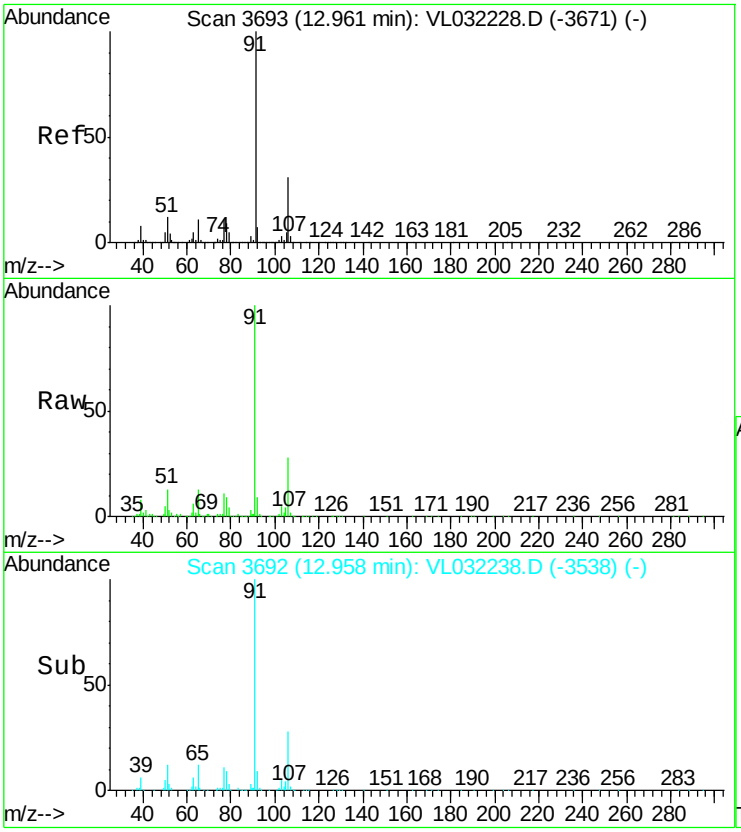




#57
Chlorobenzene
Concen: 0.072 ppbv
RT: 12.40 min Scan# 3519
Delta R.T. 0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:112 Resp: 26254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 33.0 | 58.8 | 88.2# |
| 114 | 26.2 | 27.9 | 34.1# |



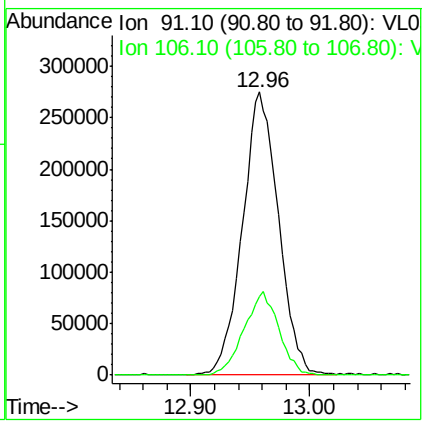


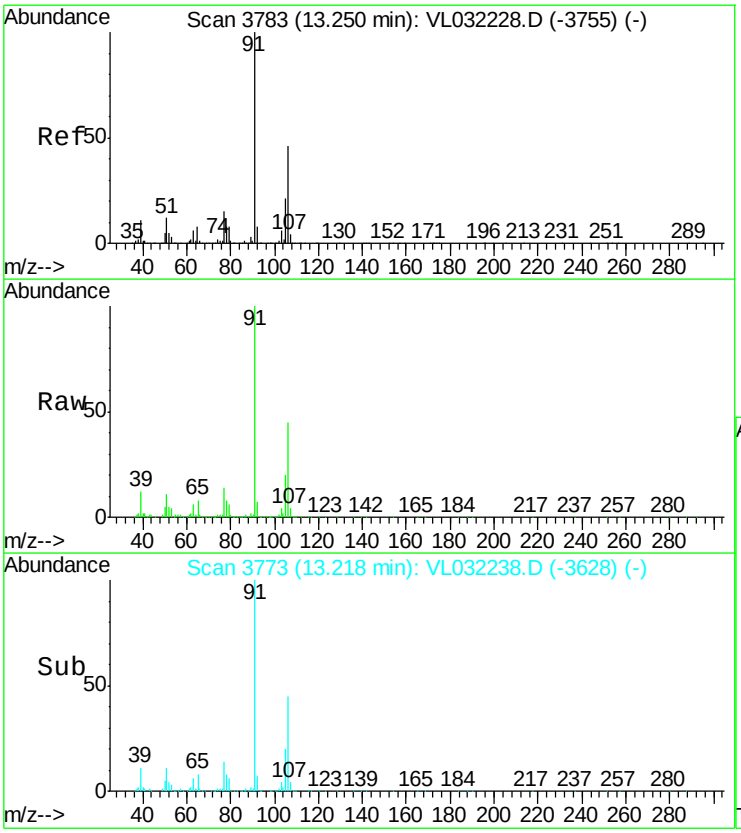

#58
Ethyl Benzene
Concen: 0.912 ppbv
RT: 12.96 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 91 Resp: 575799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 27.7 | 24.5 | 36.7 |

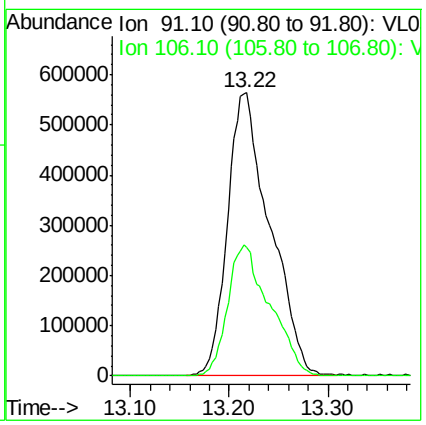


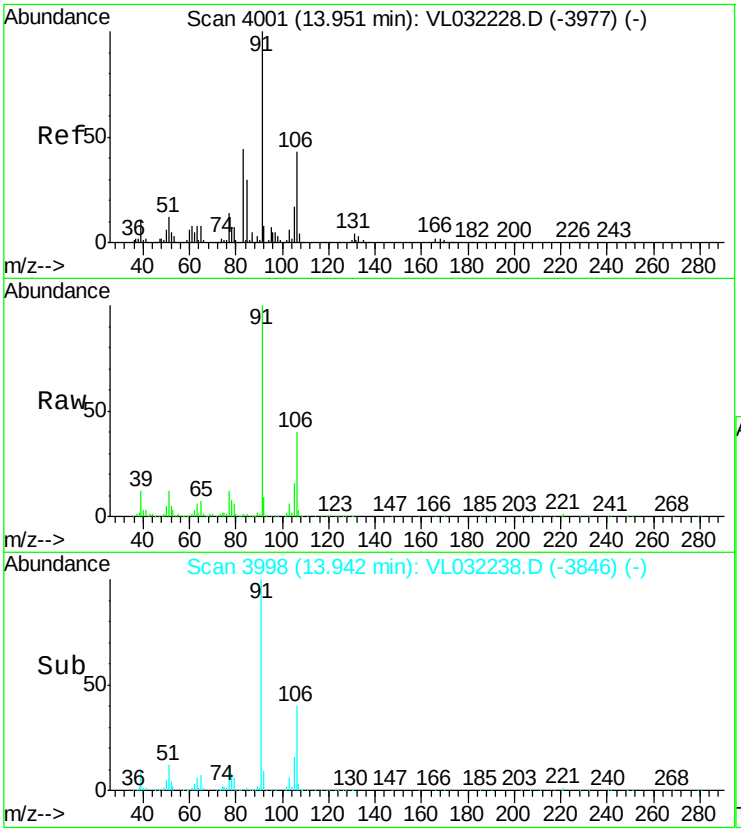




#59
m/p-Xylene
Concen: 3.238 ppbv
RT: 13.22 min Scan# 3773
Delta R.T. -0.03 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 91 Resp: 1681781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 46.1 | 36.4 | 54.6 |



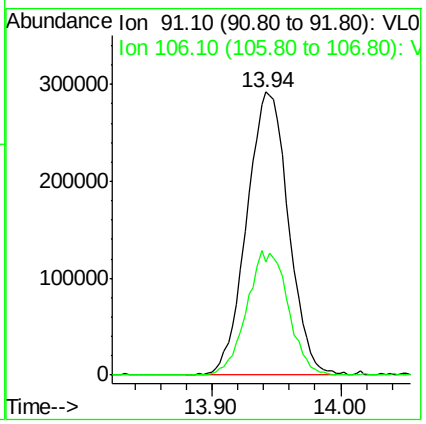


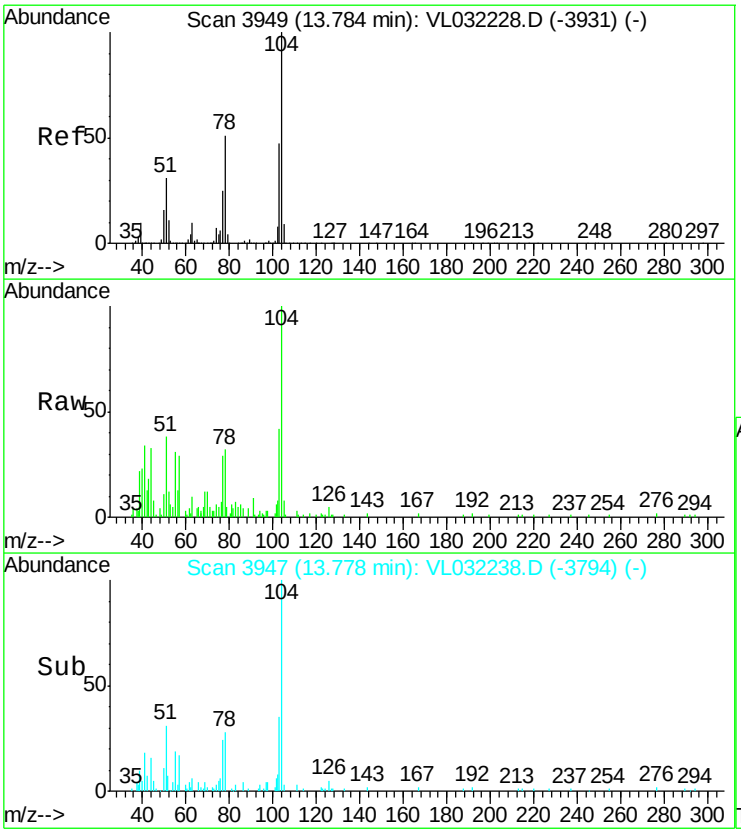

#60
o-Xylene
Concen: 1.281 ppbv
RT: 13.94 min Scan# 3998
Delta R.T. -0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 91 Resp: 656365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 43.5 | 21.9 | 65.5 |

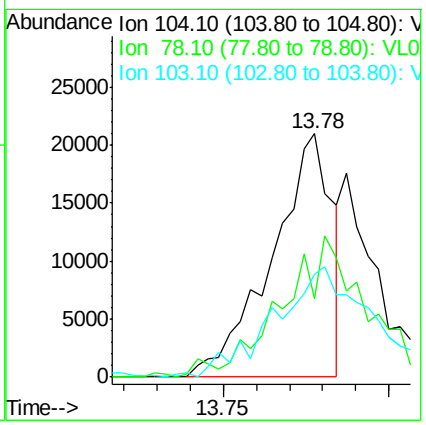


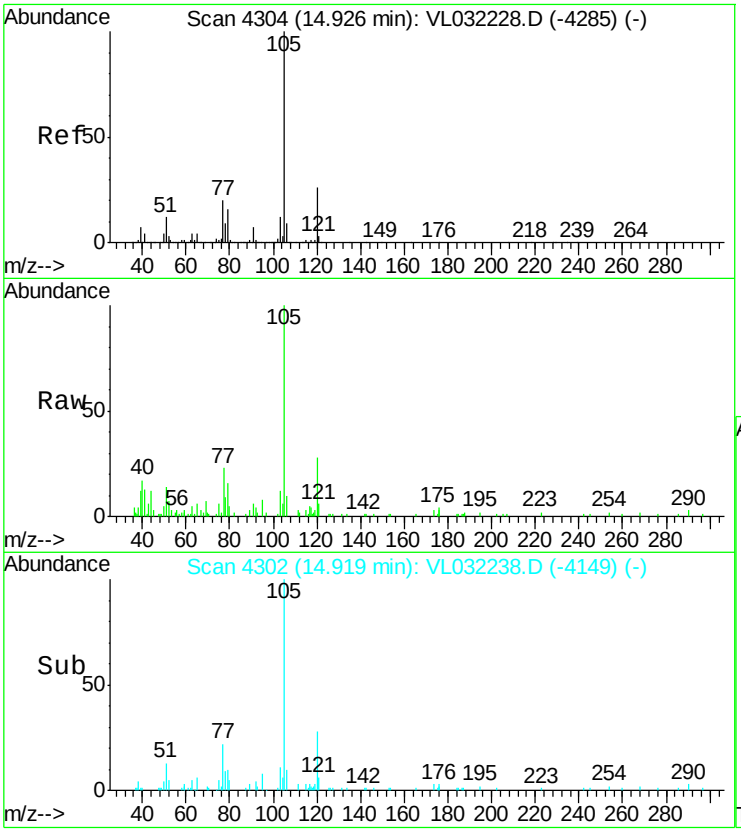




#61
Styrene
Concen: 0.069 ppbv
RT: 13.78 min Scan# 3947
Delta R.T. -0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:104 Resp: 26399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 83.5 | 43.4 | 65.0# |
| 103 | 77.3 | 38.0 | 57.0# |



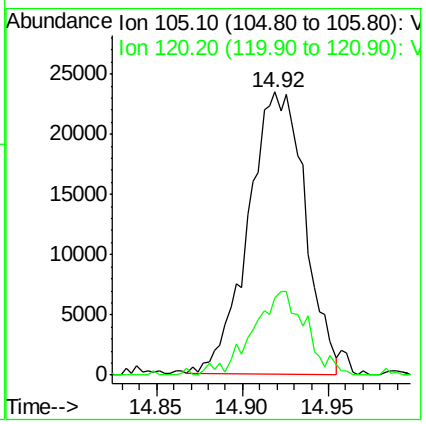


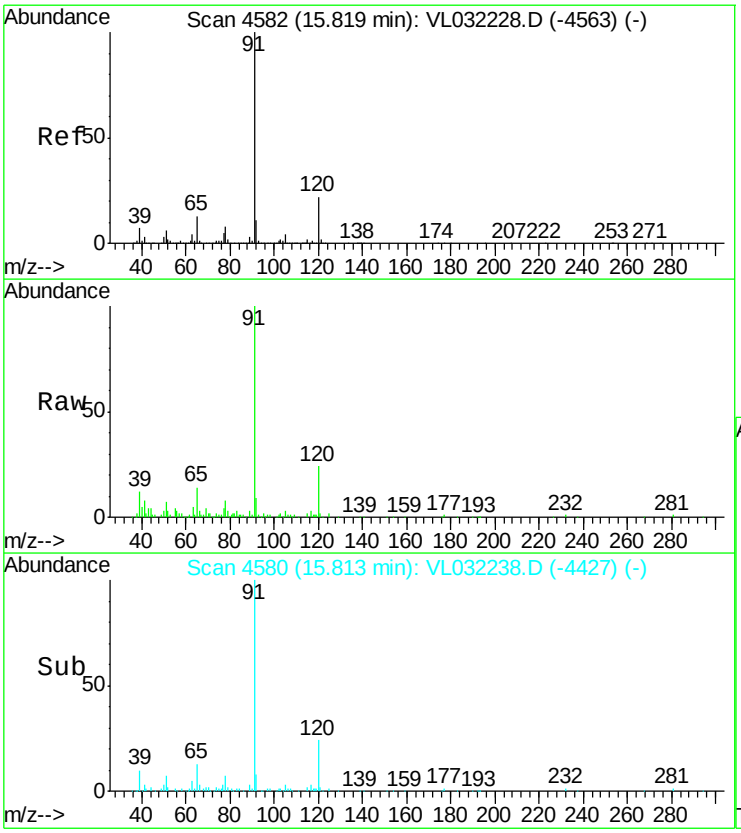

#62
Isopropylbenzene
Concen: 0.074 ppbv
RT: 14.92 min Scan# 4302
Delta R.T. -0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:105 Resp: 53526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.3 | 20.2 | 30.2 |

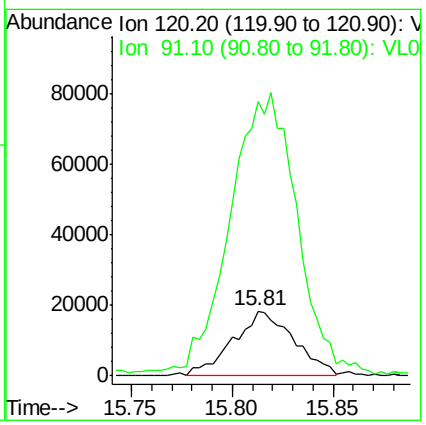


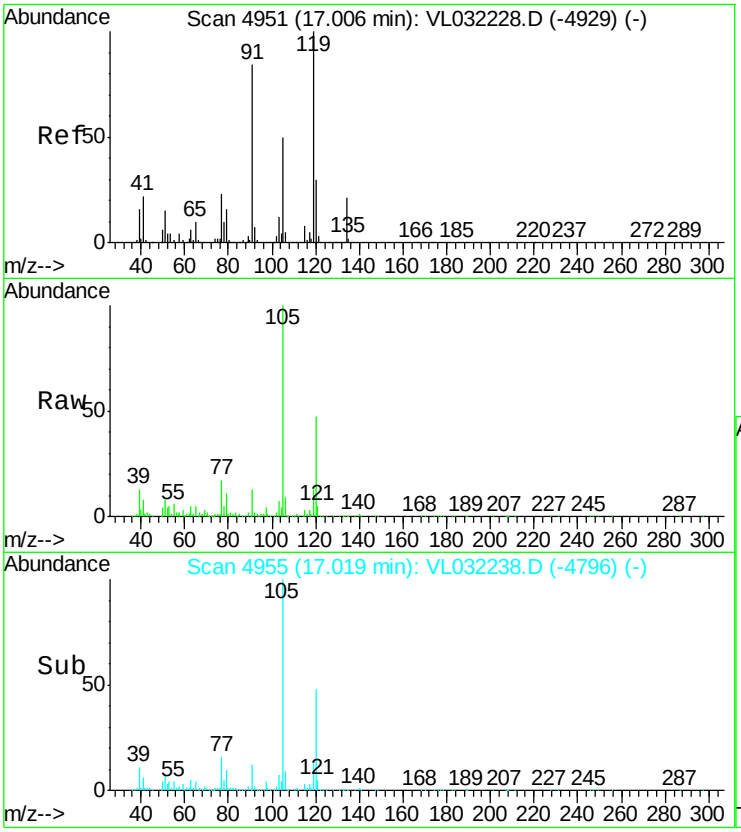




#64
n-propylbenzene
Concen: 0.211 ppbv
RT: 15.81 min Scan# 4580
Delta R.T. -0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:120 Resp: 38414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 486.2 | 385.0 | 577.4 |



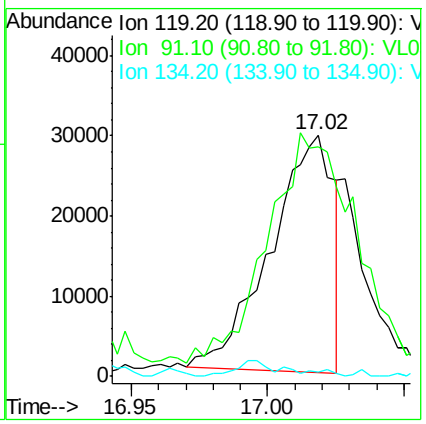


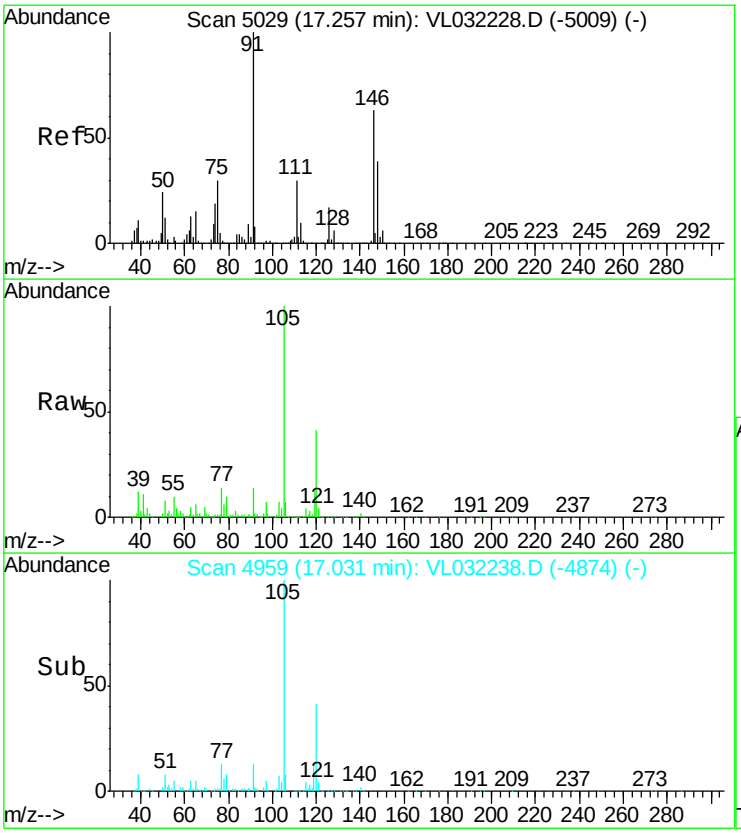

#65
tert-Butylbenzene
Concen: 0.079 ppbv
RT: 17.02 min Scan# 4955
Delta R.T. 0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:119 Resp: 47386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 150.1 | 68.6 | 102.8# |
| 134 | 6.7 | 15.4 | 23.2# |

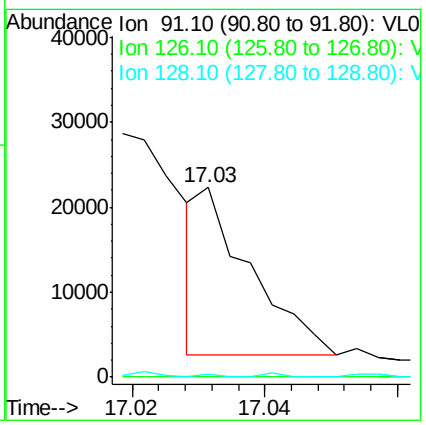


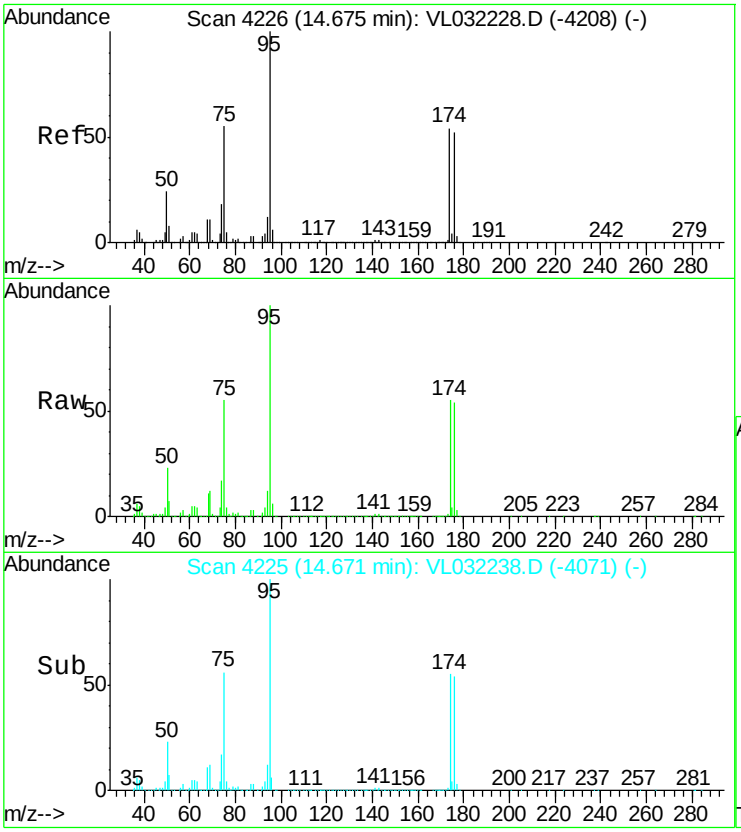




#66
Benzyl Chloride
Concen: 0.035 ppbv
RT: 17.03 min Scan# 4959
Delta R.T. -0.23 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion: 91 Resp: 10675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 13.4 | 20.0# |
| 128 | 5.8 | 4.5 | 6.7 |



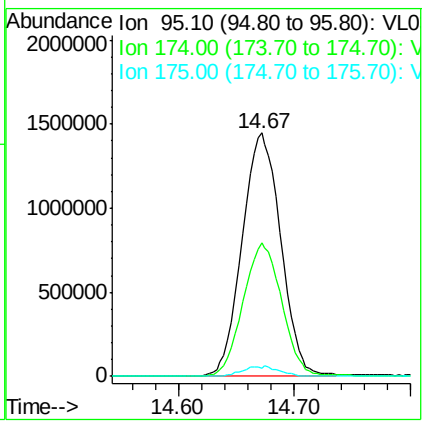


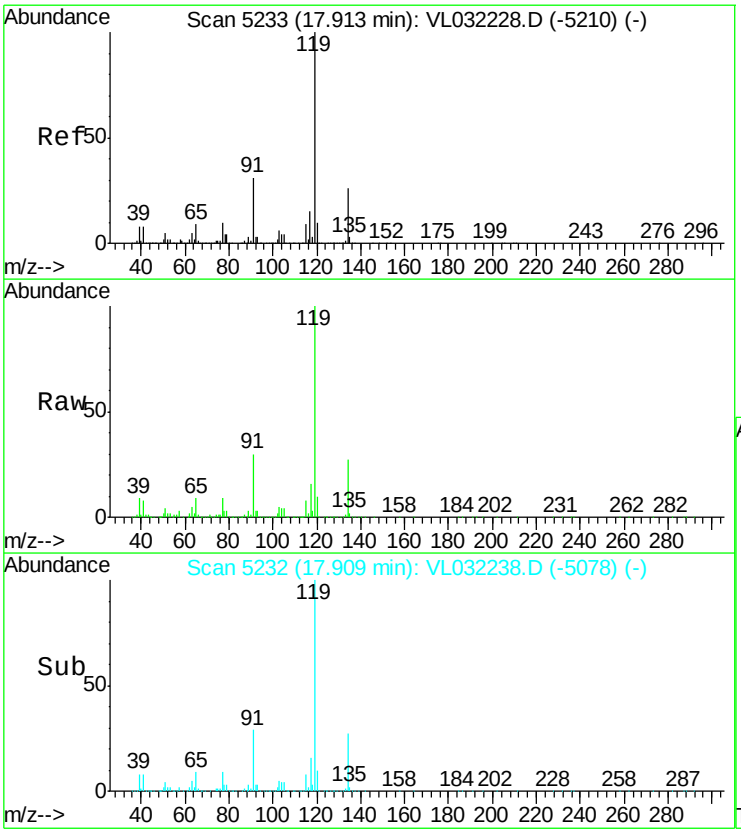

#68
1-Bromo-4-Fluorobenzene
Concen: 9.997 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion: 95 Resp: 3354265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 55.5 | 44.6 | 67.0 |
| 175 | 4.1 | 3.3 | 4.9 |

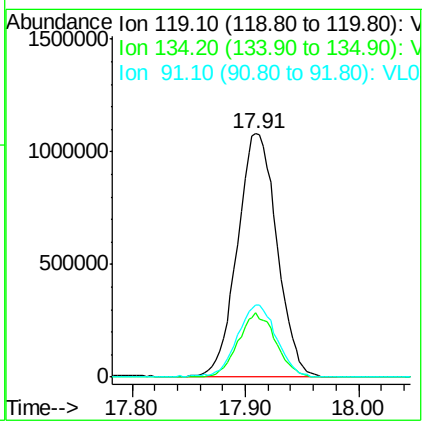


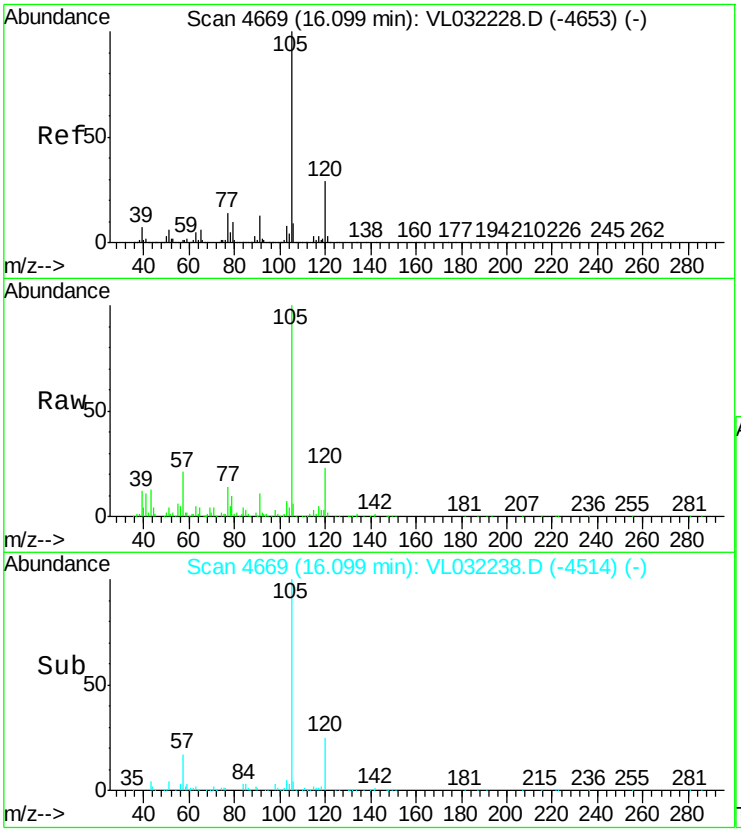




#69
p-Isopropyltoluene
Concen: 3.818 ppbv
RT: 17.91 min Scan# 5232
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:119 Resp: 2614387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.1 | 20.1 | 30.1 |
| 91 | 29.5 | 24.2 | 36.2 |



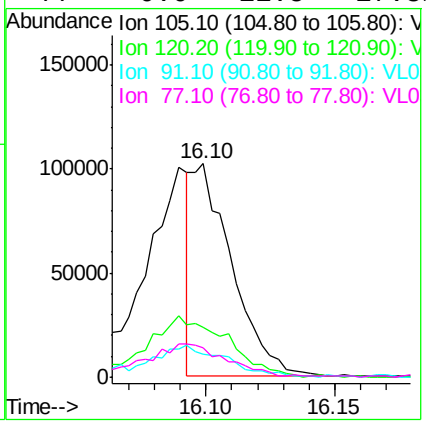


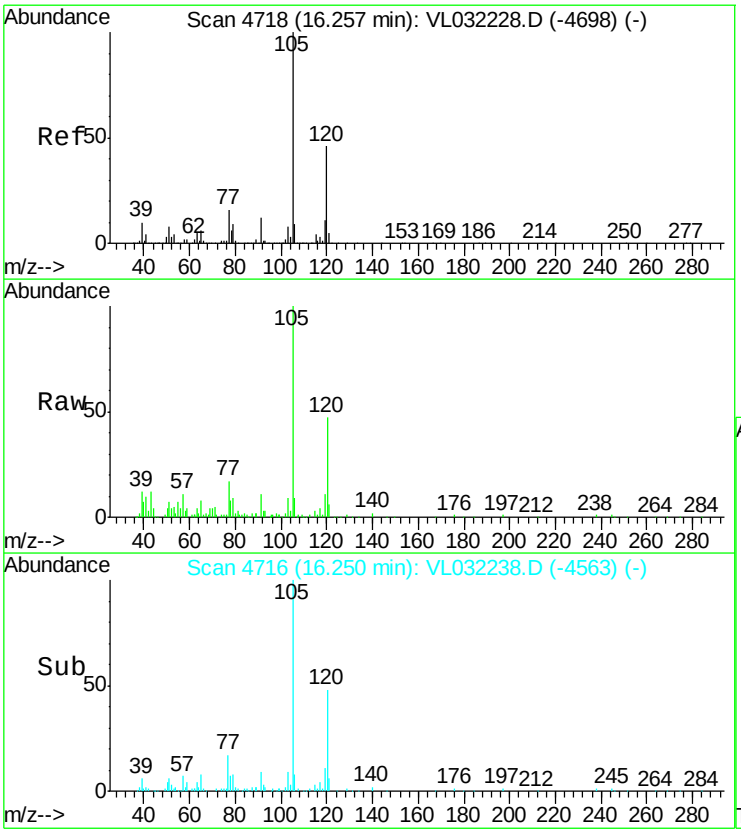

#72
4-Ethyltoluene
Concen: 0.187 ppbv
RT: 16.10 min Scan# 4669
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:105 Resp: 107536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 23.3 | 34.9# |
| 91 | 0.0 | 10.3 | 15.5# |
| 77 | 0.0 | 11.5 | 17.3# |

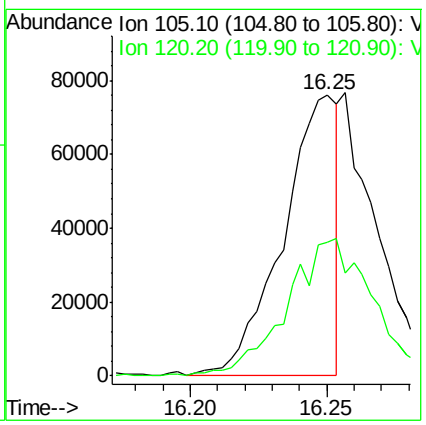


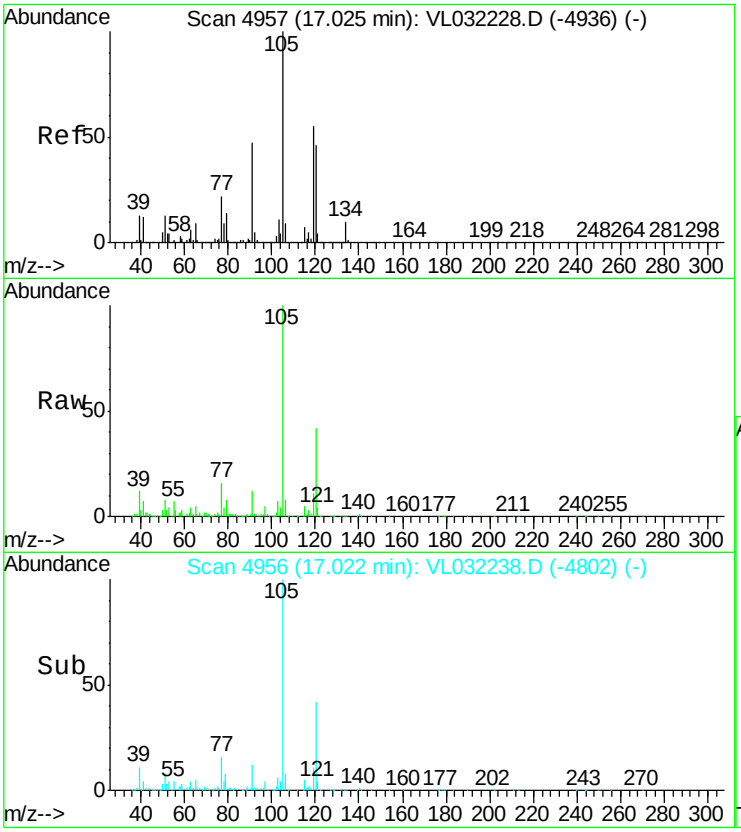




#73
1,3,5-Trimethylbenzene
Concen: 0.197 ppbv
RT: 16.25 min Scan# 4716
Delta R.T. -0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:105 Resp: 105199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.2 | 36.6 | 54.8 |



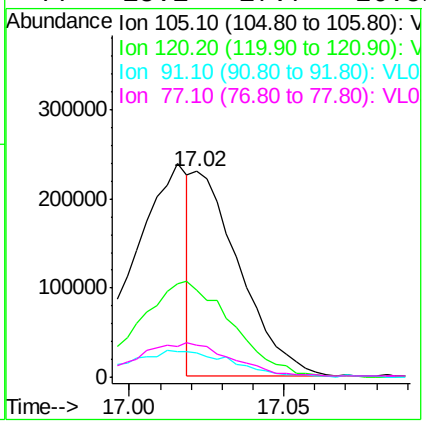


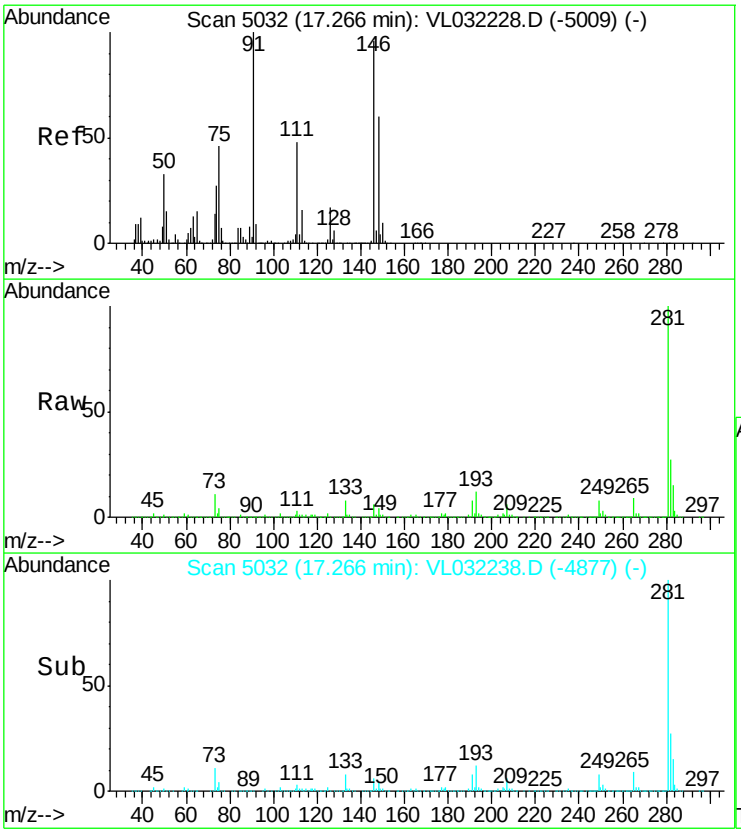

#74
1,2,4-Trimethylbenzene
Concen: 0.442 ppbv
RT: 17.02 min Scan# 4956
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:105 Resp: 241440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 42.0 | 37.0 | 55.4 |
| 91 | 11.9 | 38.2 | 57.2# |
| 77 | 15.1 | 17.7 | 26.5# |

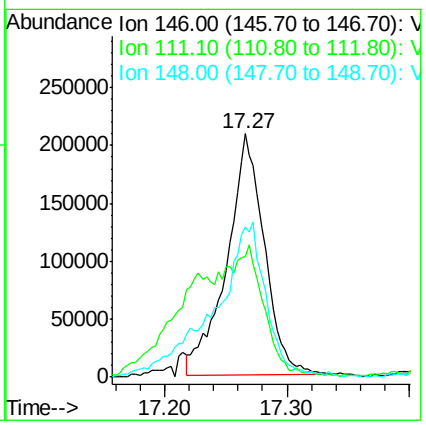


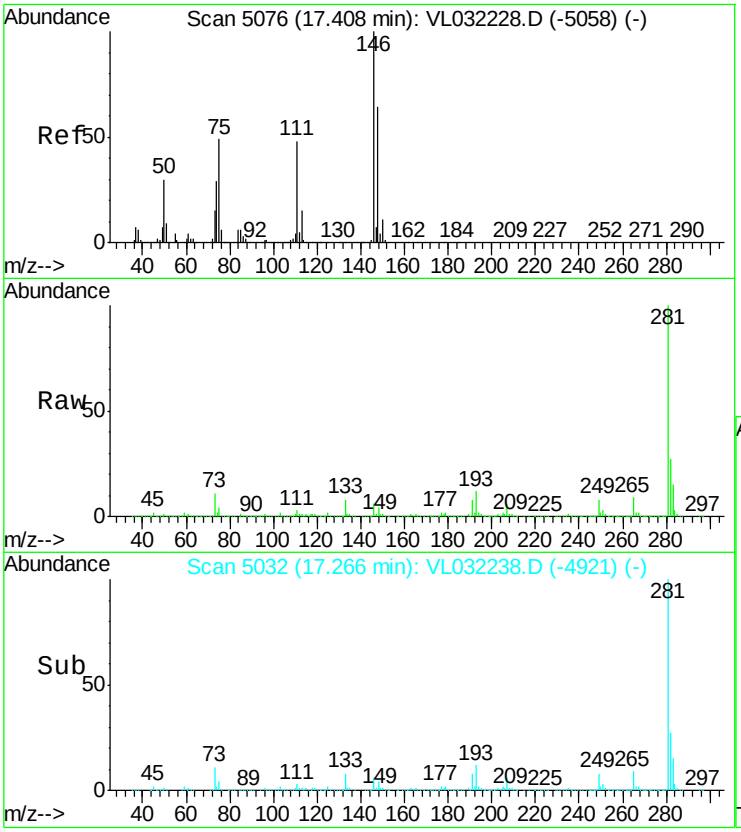




#75
1,3-Dichlorobenzene
Concen: 1.360 ppbv
RT: 17.27 min Scan# 5032
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:146 Resp: 443635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 109.2 | 24.9 | 74.7# |
| 148 | 89.7 | 31.9 | 95.5 |



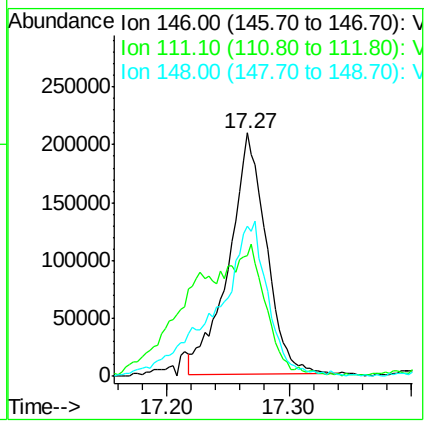


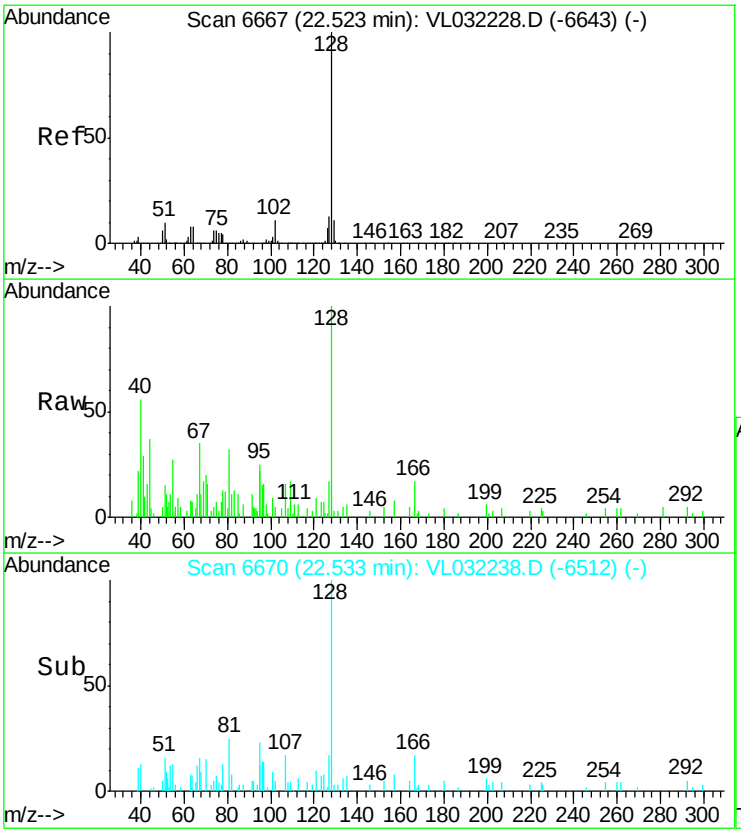

#76
1,4-Dichlorobenzene
Concen: 1.389 ppbv
RT: 17.27 min Scan# 5032
Delta R.T. -0.14 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:146 Resp: 443635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 110.5 | 24.6 | 73.6# |
| 148 | 89.8 | 32.3 | 96.9 |

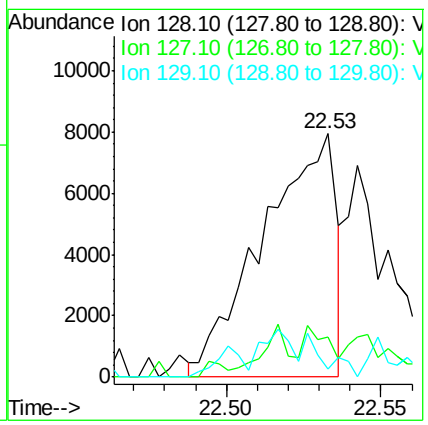


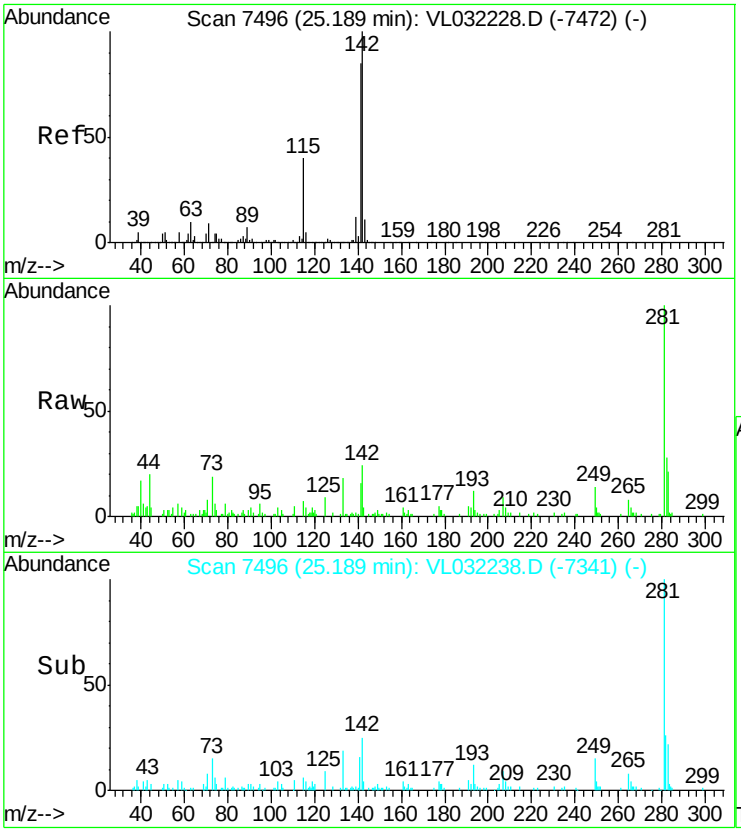




#79
Naphthalene
Concen: 0.035 ppbv
RT: 22.53 min Scan# 6670
Delta R.T. 0.01 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

Tgt Ion:128 Resp: 12971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 17.7 | 10.0 | 15.0# |
| 129 | 3.3 | 9.0 | 13.4# |






#80
Naphthalene,2-methyl-
Concen: 0.122 ppbv
RT: 25.19 min Scan# 7496
Delta R.T. -0.00 min
Lab File: VL032238.D
Acq: 13 Jul 2018 5:37

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

Tgt Ion:142 Resp: 14280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 77.1 | 67.0 | 100.6 |
| 115 | 59.8 | 32.6 | 49.0# |