

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032438.D
 Acq On : 31 Aug 2018 5:44
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL083118

Quant Time: Aug 31 06:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 05:10:34 2018
 QLast Update : Fri Aug 31 05:10:34 2018
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane | 5.81 | 49 | 2050682 | 10.00 | ppbv | 0.00 |
| 33) 1,4-Difluorobenzene | 7.34 | 114 | 4257346 | 10.00 | ppbv | 0.00 |
| 55) Chlorobenzene-d5 | 12.30 | 117 | 5138249 | 10.00 | ppbv | 0.00 |

System Monitoring Compounds

| | | | | | | |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.64 | 95 | 3103405 | 8.14 | ppbv | 0.00 |
| Spiked Amount | 10.000 | Range | 65 - 135 | Recovery | = | 81.40% |

| Target Compounds | R.T. | QIon | Response | Conc | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane | 3.11 | 85 | 1992405 | 7.595 | ppbv | 97 |
| 3) Chlorodifluoromethane | 3.04 | 51 | 1728398 | 9.311 | ppbv | 100 |
| 4) Chloromethane | 3.20 | 50 | 1067663 | 9.499 | ppbv | 98 |
| 5) Vinyl Chloride | 3.32 | 62 | 1007262 | 10.018 | ppbv | 98 |
| 6) Bromomethane | 3.55 | 94 | 574538 | 9.866 | ppbv | 99 |
| 7) Chloroethane | 3.63 | 64 | 377263 | 9.825 | ppbv | 100 |
| 8) Dichlorotetrafluoroethane | 3.25 | 85 | 2151724 | 9.242 | ppbv | 100 |
| 9) Propene | 3.07 | 41 | 795203 | 10.620 | ppbv | 100 |
| 10) Heptane | 8.30 | 43 | 2822782 | 10.508 | ppbv | 99 |
| 11) Trichlorofluoromethane | 4.04 | 101 | 2214384 | 9.362 | ppbv | 98 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.59 | 101 | 1481576 | 9.244 | ppbv | 99 |
| 13) Ethanol | 3.68 | 45 | 195696 | 8.384 | ppbv | 94 |
| 14) Bromoethene | 3.82 | 108 | 685230 | 10.091 | ppbv | 99 |
| 15) Acetone | 3.94 | 43 | 1687083 | 9.136 | ppbv | 100 |
| 16) 1,3-Butadiene | 3.40 | 39 | 867672 | 10.090 | ppbv | 93 |
| 17) tert-Butyl alcohol | 4.40 | 59 | 251366 | 8.845 | ppbv | 98 |
| 18) 1,1-Dichloroethene | 4.39 | 96 | 718349 | 9.807 | ppbv | 96 |
| 19) Isopropyl Alcohol | 4.06 | 45 | 1313653 | 10.844 | ppbv | 100 |
| 20) Methylene Chloride | 4.45 | 84 | 639245 | 9.078 | ppbv | 99 |
| 21) Allyl Chloride | 4.52 | 41 | 1267173 | 10.331 | ppbv | 100 |
| 22) trans-1,2-Dichloroethene | 5.01 | 96 | 725198 | 9.124 | ppbv | 98 |
| 23) Vinyl Acetate | 5.20 | 43 | 3156347 | 10.312 | ppbv | 99 |
| 24) 1,1-Dichloroethane | 5.13 | 63 | 2183935 | 8.659 | ppbv | 99 |
| 25) Ethyl Acetate | 5.81 | 43 | 4088041 | 9.374 | ppbv | 100 |
| 26) Hexane | 5.83 | 57 | 1882160 | 9.639 | ppbv | 99 |
| 27) Carbon Disulfide | 4.66 | 76 | 1859759 | 10.317 | ppbv | 99 |
| 28) Methyl tert-Butyl Ether | 5.16 | 73 | 2233109 | 9.314 | ppbv | 100 |
| 29) Chloroform | 5.90 | 83 | 2721310 | 9.140 | ppbv | 98 |
| 30) Cyclohexane | 7.30 | 84 | 1510500 | 10.564 | ppbv | 98 |
| 31) cis-1,2-Dichloroethene | 5.69 | 61 | 1859558 | 10.517 | ppbv | 97 |
| 32) 1,1,1-Trichloroethane | 6.67 | 97 | 2551117 | 10.044 | ppbv | 99 |
| 34) 2-Butanone | 5.37 | 43 | 2810376 | 9.938 | ppbv | 100 |
| 35) Carbon Tetrachloride | 7.19 | 117 | 2563772 | 10.282 | ppbv | 99 |
| 36) Benzene | 7.06 | 78 | 3636387 | 10.037 | ppbv | 98 |
| 37) 1,2-Dichloroethane | 6.46 | 62 | 2079193 | 9.365 | ppbv | 100 |
| 38) Trichloroethene | 8.02 | 130 | 1408328 | 11.270 | ppbv | 99 |
| 39) 1,2-Dichloropropane | 7.79 | 63 | 1491629 | 9.623 | ppbv | 96 |
| 40) 1,4-Dioxane | 8.00 | 88 | 207548 | 4.463 | ppbv | # 1 |
| 41) Tetrahydrofuran | 6.19 | 42 | 1633111 | 10.608 | ppbv | 100 |
| 42) Bromodichloromethane | 7.97 | 83 | 3110866 | 10.159 | ppbv | 98 |
| 43) Methyl Methacrylate | 8.19 | 69 | 1690160 | 10.996 | ppbv | 100 |

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 05:10:34 2018
 QLast Update : Fri Aug 31 05:10:34 2018
 Response via : Initial Calibration

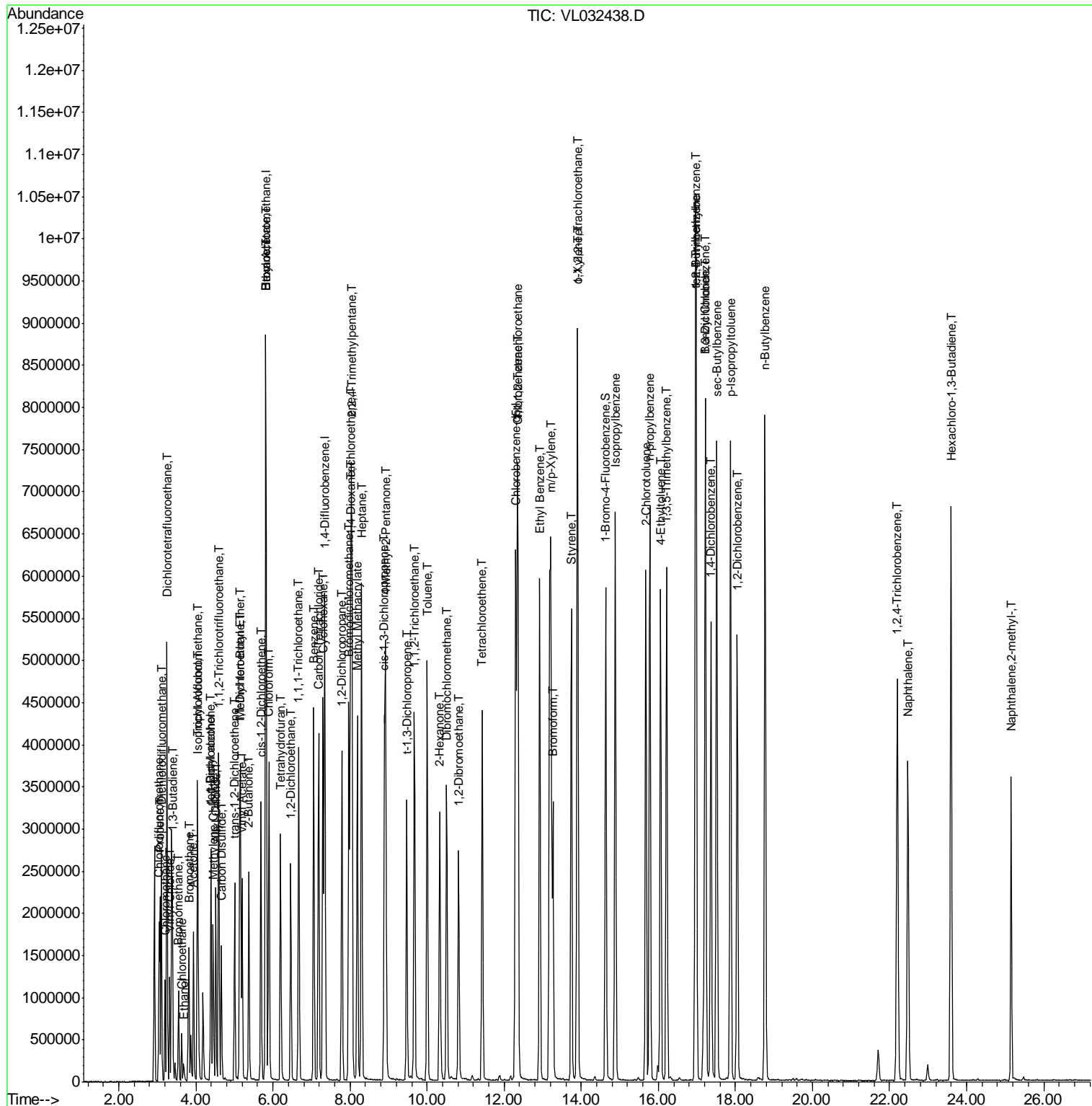
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|-------|------|----------|--------|--------|----------|
| 44) 2,2,4-Trimethylpentane | 8.04 | 57 | 7144592 | 10.200 | ppbv | 100 |
| 45) t-1,3-Dichloropropene | 9.47 | 75 | 2009545 | 12.218 | ppbv | 99 |
| 46) cis-1,3-Dichloropropene | 8.89 | 75 | 2452451 | 11.669 | ppbv | 98 |
| 47) 1,1,2-Trichloroethane | 9.67 | 97 | 1598535 | 9.699 | ppbv | 98 |
| 48) Dibromochloromethane | 10.51 | 129 | 2230569 | 9.772 | ppbv | 100 |
| 49) Bromoform | 13.26 | 173 | 1980484 | 9.983 | ppbv | 100 |
| 50) 4-Methyl-2-Pentanone | 8.92 | 43 | 4314660 | 10.129 | ppbv | 100 |
| 51) 2-Hexanone | 10.32 | 43 | 3055567 | 11.136 | ppbv | 100 |
| 52) Tetrachloroethene | 11.43 | 164 | 1087330 | 11.046 | ppbv | 97 |
| 53) Toluene | 10.00 | 91 | 3998318 | 10.558 | ppbv | 100 |
| 54) 1,2-Dibromoethane | 10.82 | 107 | 2363211 | 10.680 | ppbv | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.34 | 131 | 1695107 | 7.318 | ppbv # | 57 |
| 57) Chlorobenzene | 12.36 | 112 | 3047552 | 7.421 | ppbv | 99 |
| 58) Ethyl Benzene | 12.92 | 91 | 5465472 | 8.888 | ppbv | 100 |
| 59) m/p-Xylene | 13.21 | 91 | 3878360 | 6.805 | ppbv # | 3 |
| 60) o-Xylene | 13.91 | 91 | 4395607 | 8.163 | ppbv | 99 |
| 61) Styrene | 13.74 | 104 | 3348119 | 9.604 | ppbv | 100 |
| 62) Isopropylbenzene | 14.88 | 105 | 6106086 | 8.066 | ppbv | 100 |
| 63) 1,1,2,2-Tetrachloroethane | 13.89 | 83 | 3375738 | 8.237 | ppbv | 99 |
| 64) n-propylbenzene | 15.78 | 120 | 1632685 | 8.250 | ppbv | 99 |
| 65) tert-Butylbenzene | 16.96 | 119 | 5164334 | 7.917 | ppbv | 100 |
| 66) Benzyl Chloride | 17.21 | 91 | 3292804 | 9.061 | ppbv | 100 |
| 67) sec-Butylbenzene | 17.51 | 105 | 7787418 | 7.938 | ppbv | 100 |
| 69) p-Isopropyltoluene | 17.87 | 119 | 6227790 | 8.191 | ppbv | 100 |
| 70) n-Butylbenzene | 18.77 | 91 | 6936028 | 8.048 | ppbv | 100 |
| 71) 2-Chlorotoluene | 15.67 | 91 | 4918303 | 8.504 | ppbv | 99 |
| 72) 4-Ethyltoluene | 16.06 | 105 | 5166649 | 8.788 | ppbv | 100 |
| 73) 1,3,5-Trimethylbenzene | 16.22 | 105 | 4902936 | 8.324 | ppbv | 98 |
| 74) 1,2,4-Trimethylbenzene | 16.99 | 105 | 4867683 | 7.559 | ppbv | 93 |
| 75) 1,3-Dichlorobenzene | 17.22 | 146 | 2774769 | 7.262 | ppbv | 100 |
| 76) 1,4-Dichlorobenzene | 17.37 | 146 | 2815588 | 7.942 | ppbv | 100 |
| 77) 1,2-Dichlorobenzene | 18.05 | 146 | 2779933 | 7.541 | ppbv | 100 |
| 78) Hexachloro-1,3-Butadiene | 23.59 | 225 | 949579 | 6.894 | ppbv # | 28 |
| 79) Naphthalene | 22.48 | 128 | 4769679 | 9.109 | ppbv | 99 |
| 80) Naphthalene,2-methyl- | 25.15 | 142 | 1883292 | 9.253 | ppbv | 100 |
| 81) 1,2,4-Trichlorobenzene | 22.20 | 180 | 2252531 | 8.541 | ppbv | 100 |

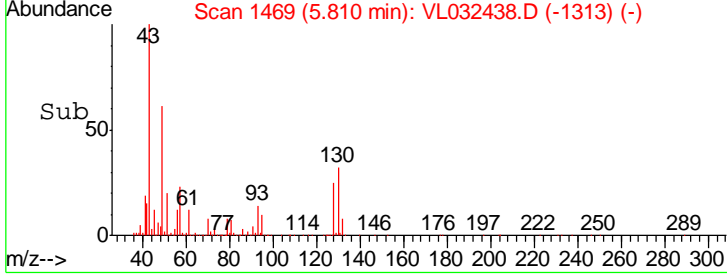
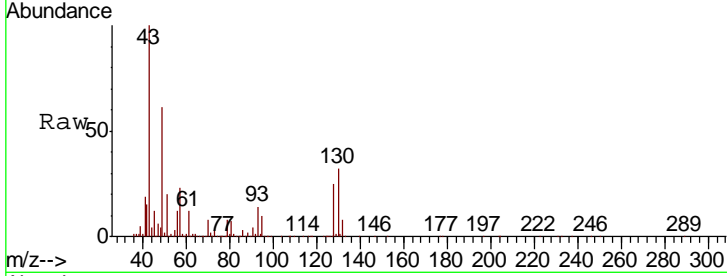
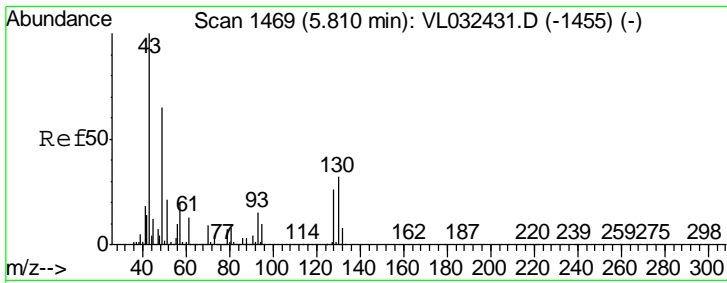
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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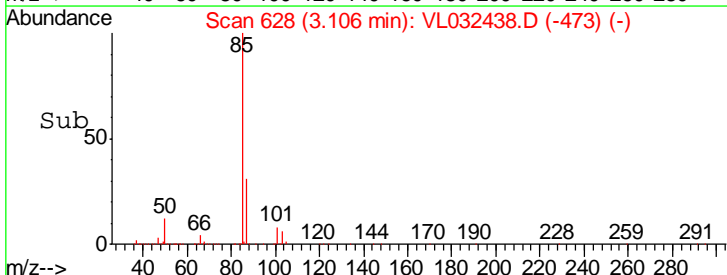
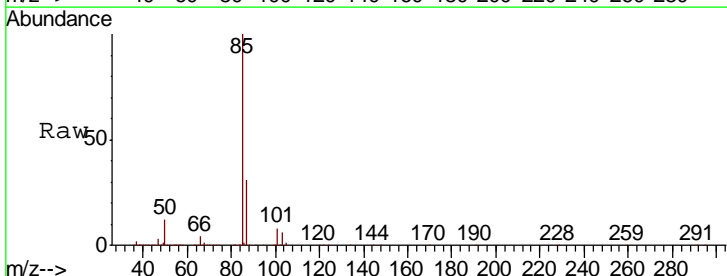
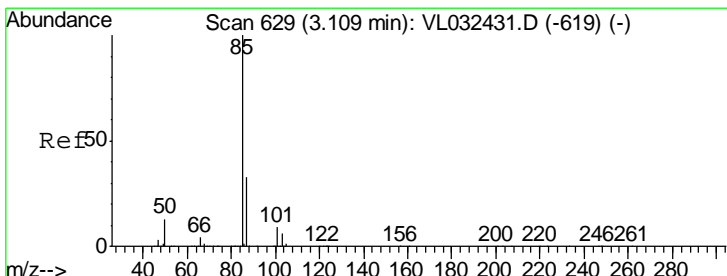
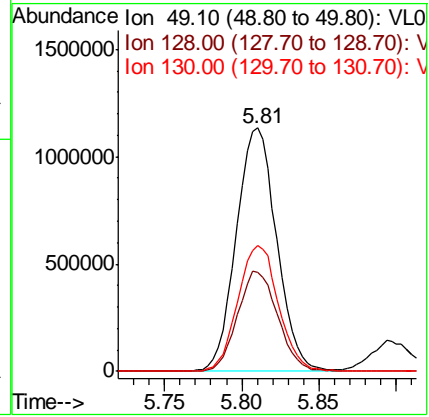




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.81 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

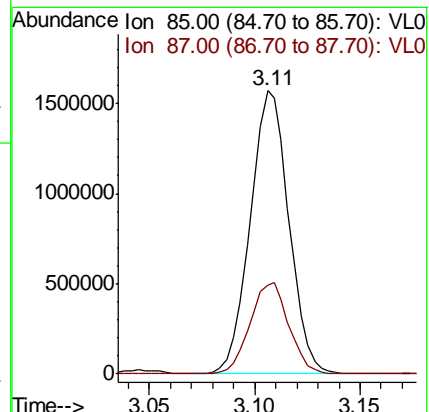
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 49 | 100 | | |
| 128 | 41.2 | 20.7 | 62.1 |
| 130 | 52.6 | 26.7 | 80.0 |

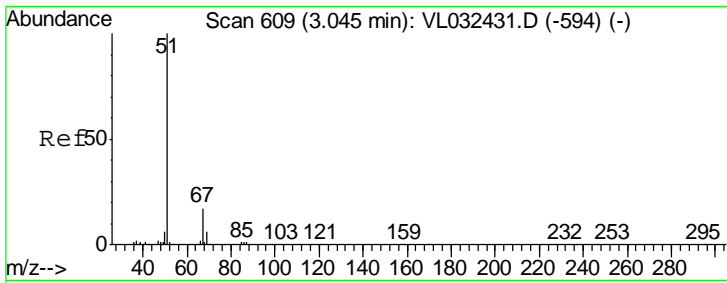
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118



#2
 Dichlorodifluoromethane
 Concen: 7.595 ppbv
 RT: 3.11 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 85 | 100 | | |
| 87 | 31.3 | 26.2 | 39.4 |

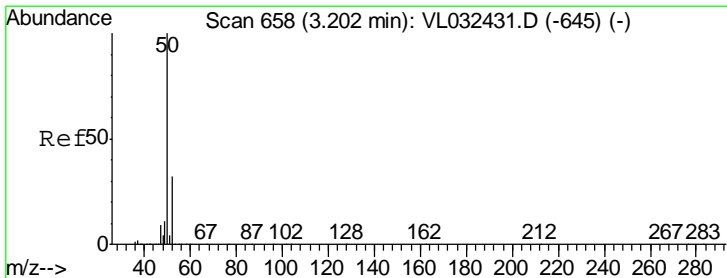
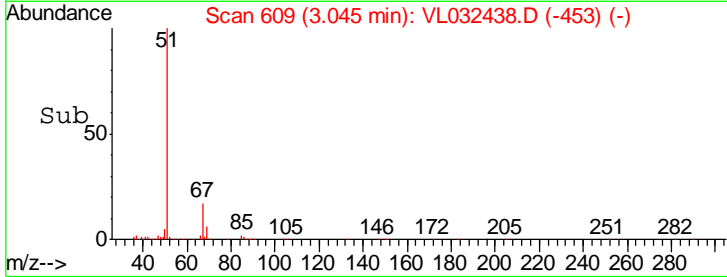
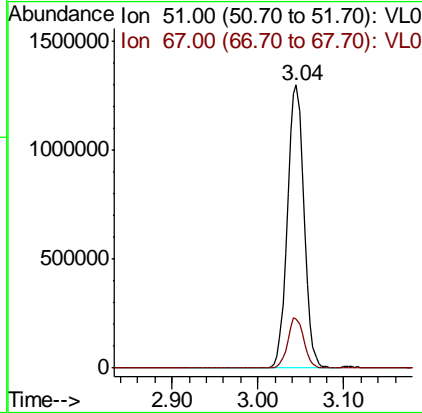
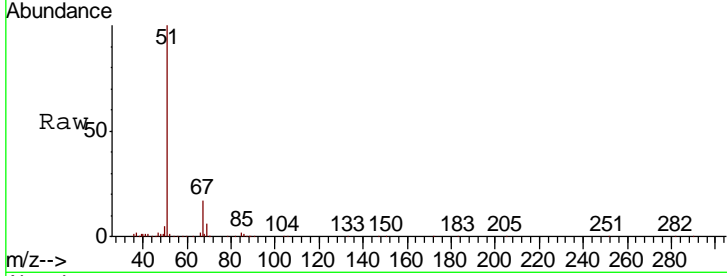




#3
 Chlorodifluoromethane
 Concen: 9.311 ppbv
 RT: 3.04 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

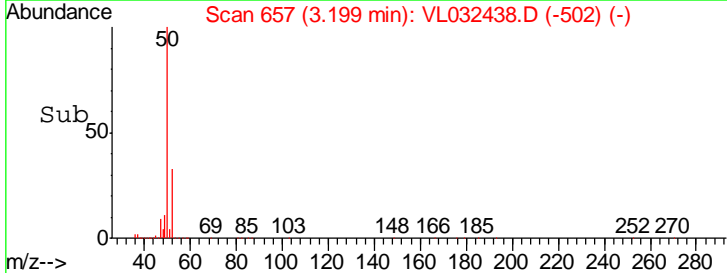
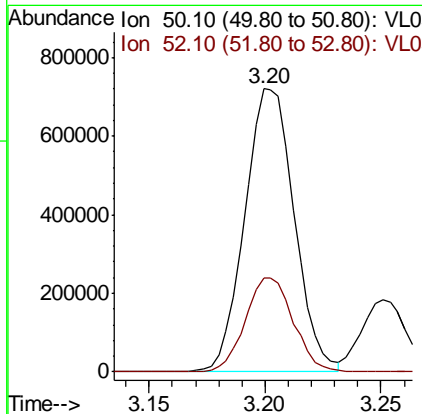
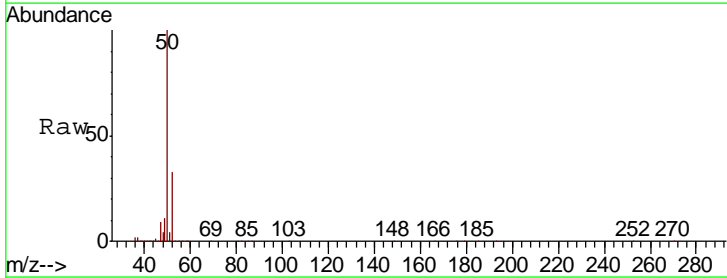
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

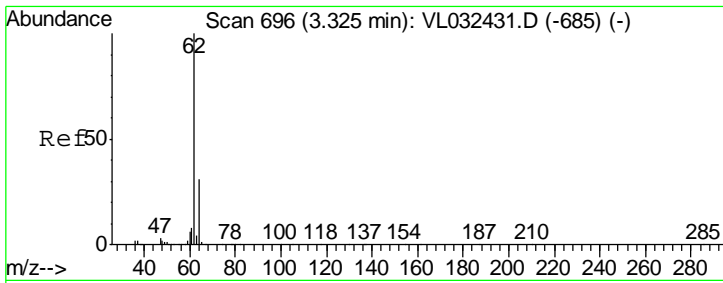
Tgt Ion: 51 Resp: 1728398
 Ion Ratio Lower Upper
 51 100
 67 17.5 13.8 20.8



#4
 Chloromethane
 Concen: 9.499 ppbv
 RT: 3.20 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 50 Resp: 1067663
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.6 38.4

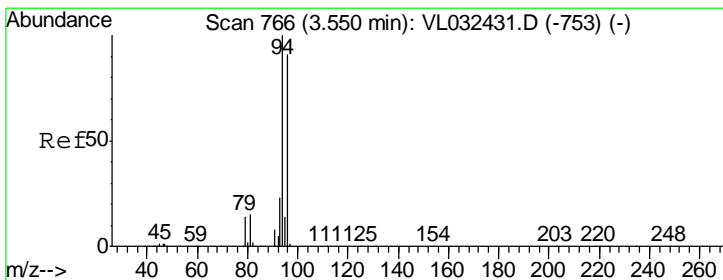
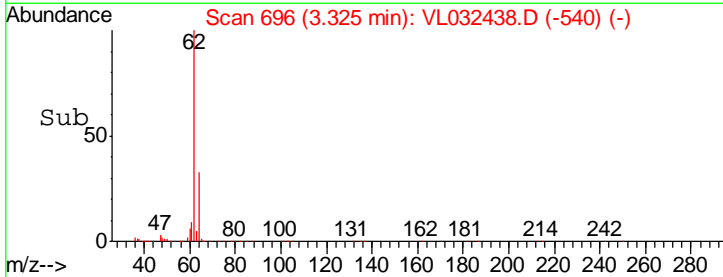
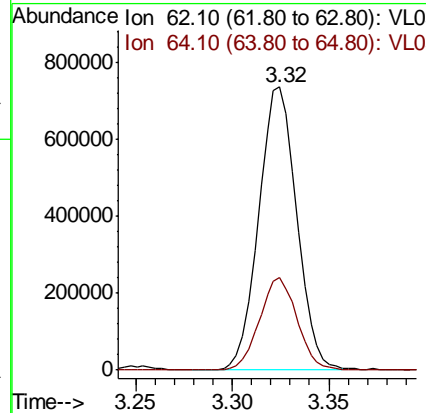
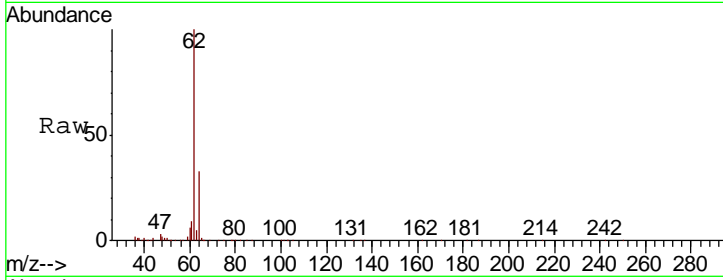




#5
 Vinyl Chloride
 Concen: 10.018 ppbv
 RT: 3.32 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

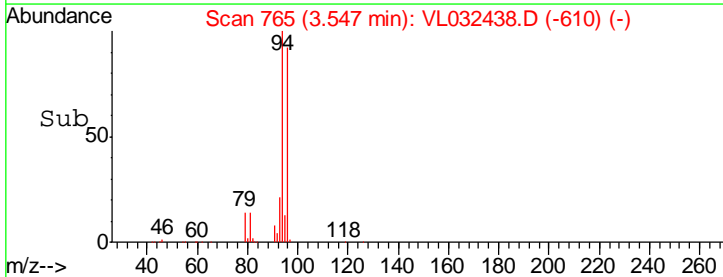
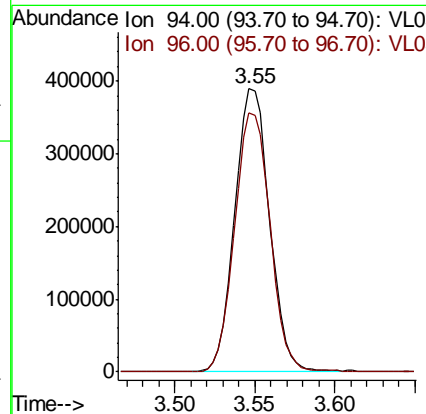
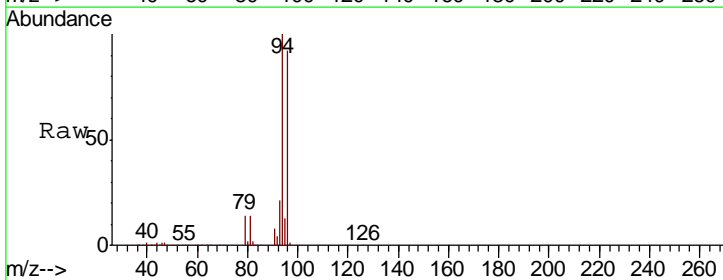
Instrument : MSVOA_L
 ClientSampleId : ICVV083118

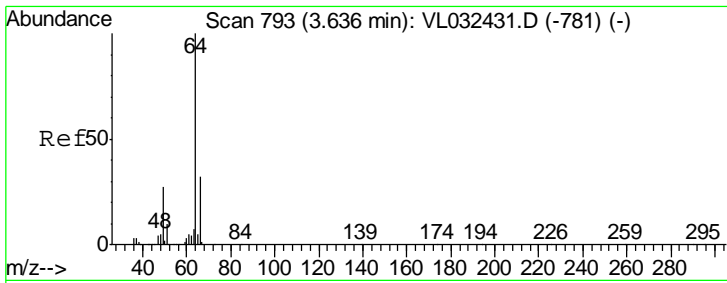
Tgt Ion: 62 Resp: 1007262
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.0 37.6



#6
 Bromomethane
 Concen: 9.866 ppbv
 RT: 3.55 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 94 Resp: 574538
 Ion Ratio Lower Upper
 94 100
 96 91.7 72.8 109.2

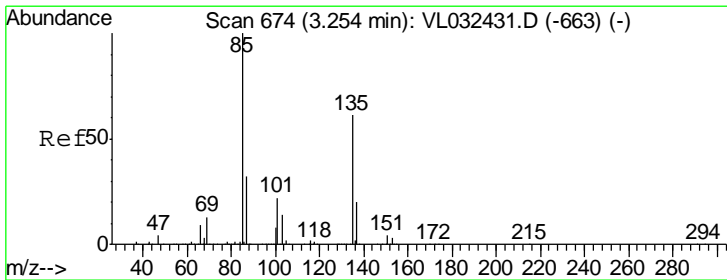
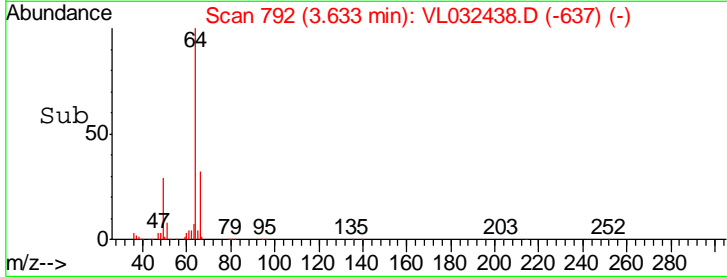
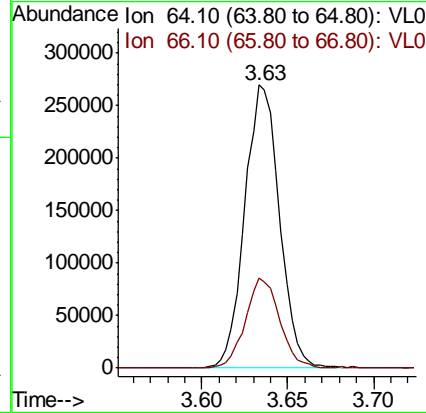
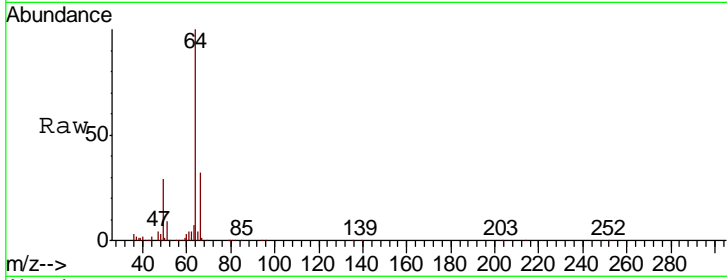




#7
 Chloroethane
 Concen: 9.825 ppbv
 RT: 3.63 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

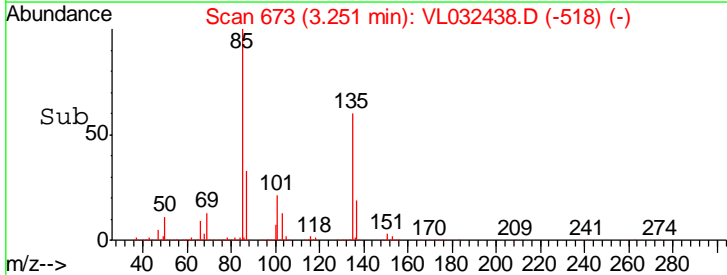
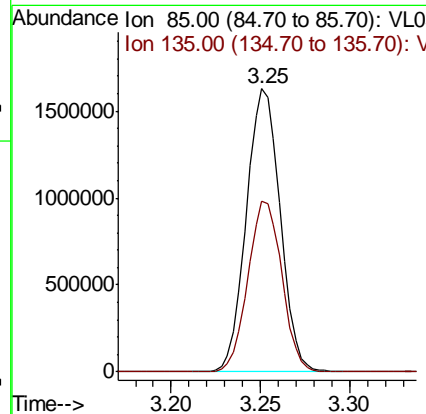
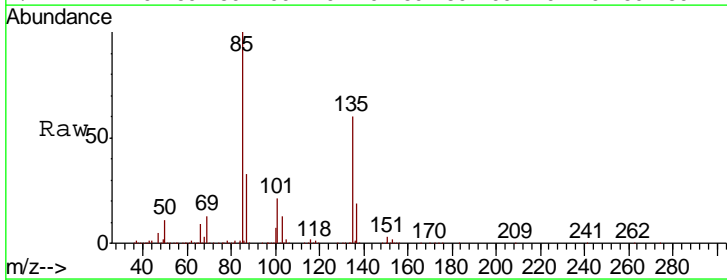
Instrument : MSVOA_L
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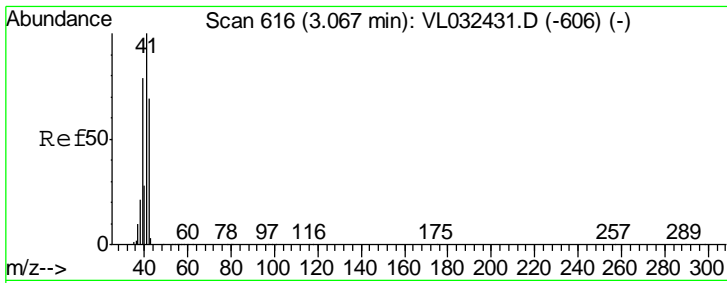
Tgt Ion: 64 Resp: 377263
 Ion Ratio Lower Upper
 64 100
 66 32.1 25.8 38.6



#8
 Dichlorotetrafluoroethane
 Concen: 9.242 ppbv
 RT: 3.25 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 85 Resp: 2151724
 Ion Ratio Lower Upper
 85 100
 135 60.7 48.6 72.8

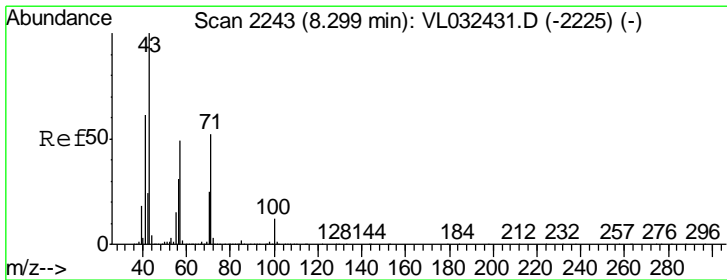
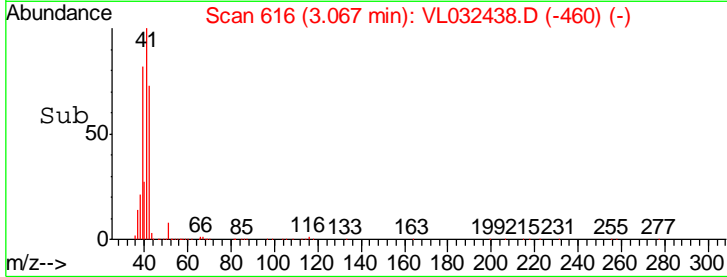
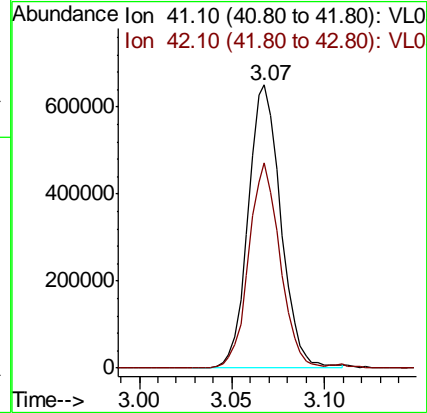
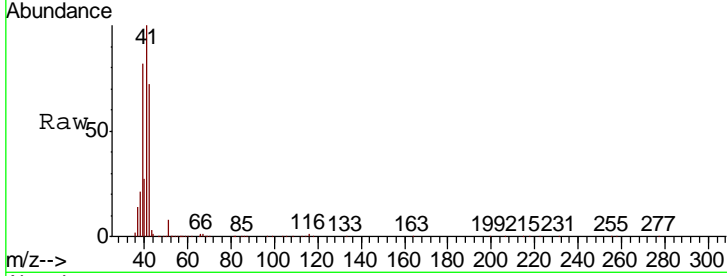




#9
 Propene
 Concen: 10.620 ppbv
 RT: 3.07 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

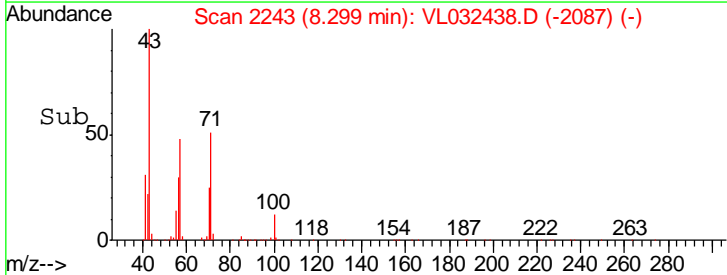
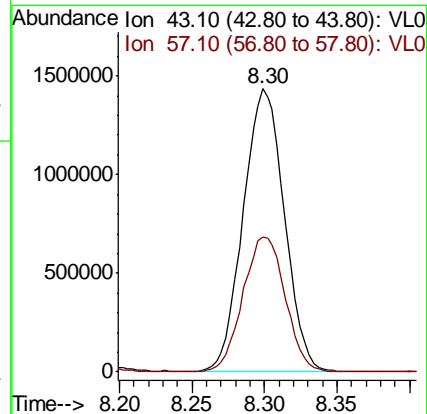
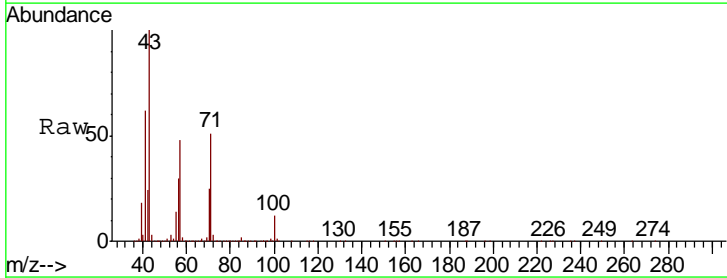
Instrument :
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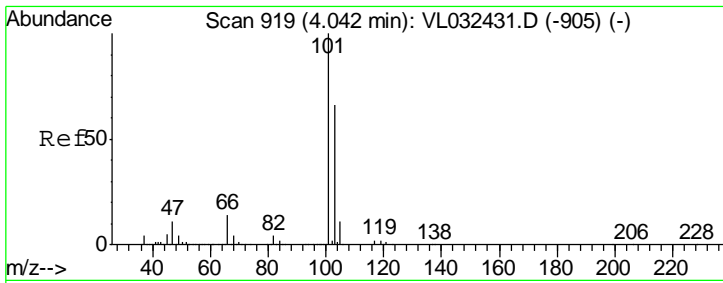
Tgt Ion: 41 Resp: 795203
 Ion Ratio Lower Upper
 41 100
 42 70.9 56.6 84.8



#10
 Heptane
 Concen: 10.508 ppbv
 RT: 8.30 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 43 Resp: 2822782
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.8 59.6

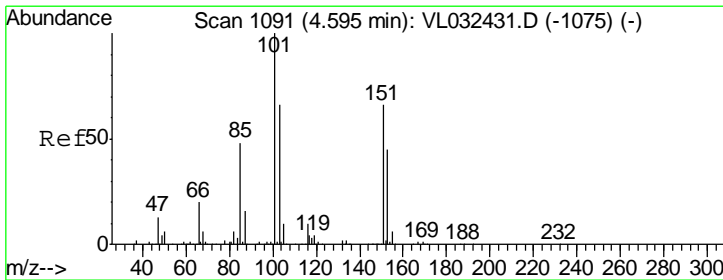
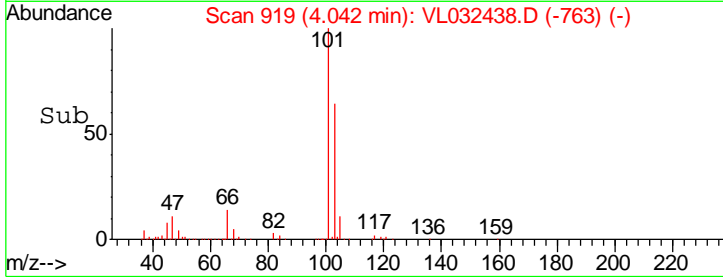
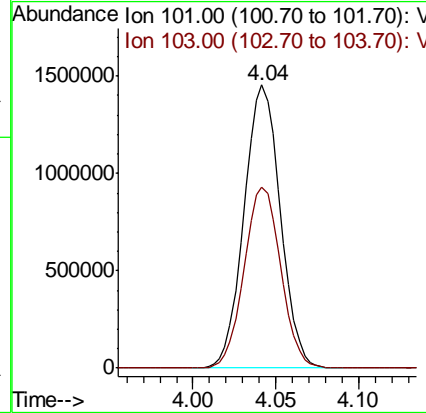
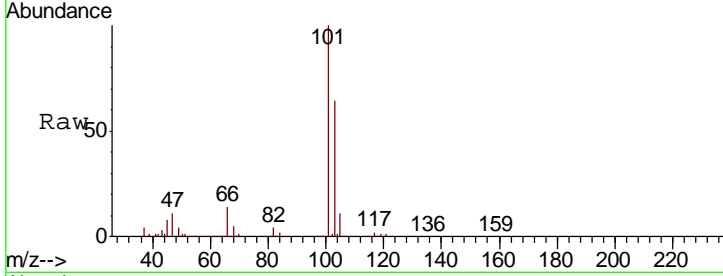




#11
 Trichlorofluoromethane
 Concen: 9.362 ppbv
 RT: 4.04 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

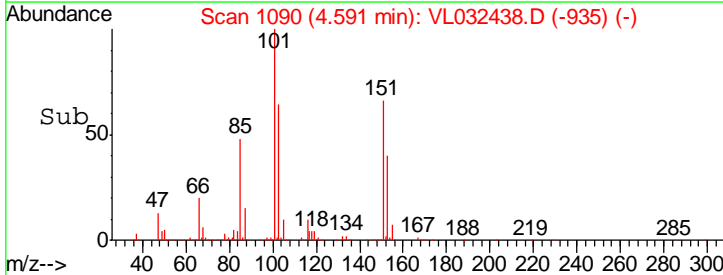
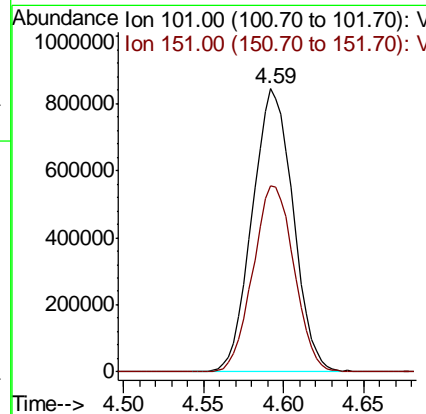
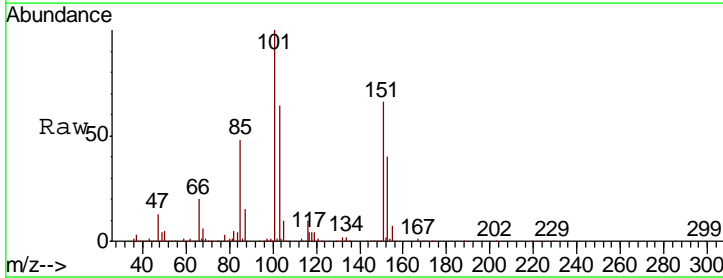
Instrument :
 MSVOA_L
ClientSampled :
 ICVVL083118

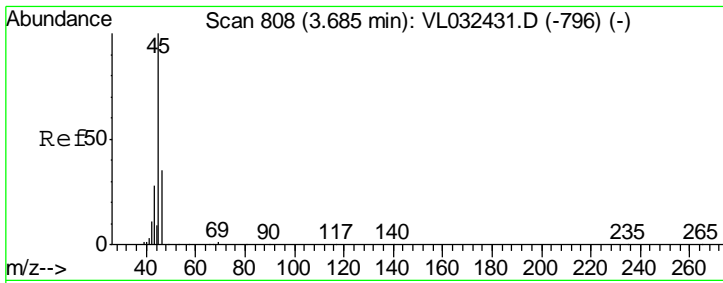
Tgt Ion:101 Resp: 2214384
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.8 79.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.244 ppbv
 RT: 4.59 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion:101 Resp: 1481576
 Ion Ratio Lower Upper
 101 100
 151 66.4 52.6 78.8

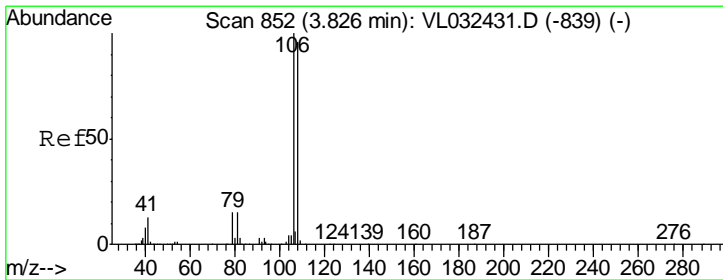
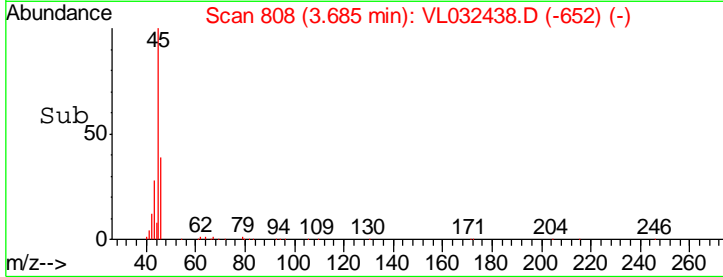
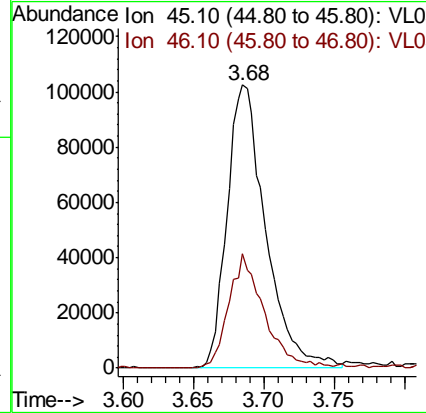
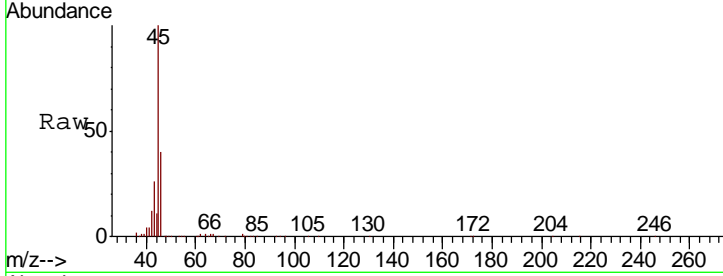




#13
 Ethanol
 Concen: 8.384 ppbv
 RT: 3.68 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

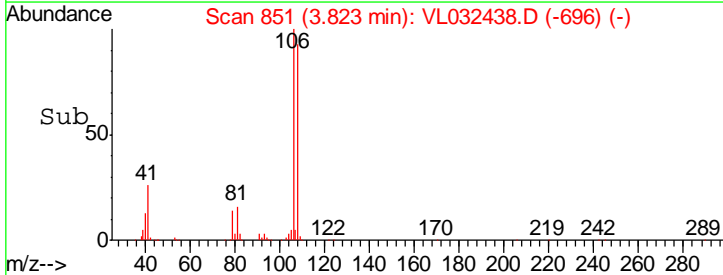
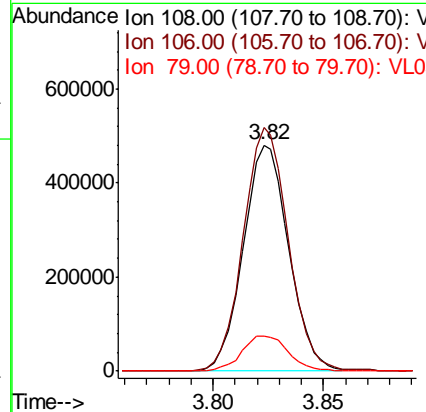
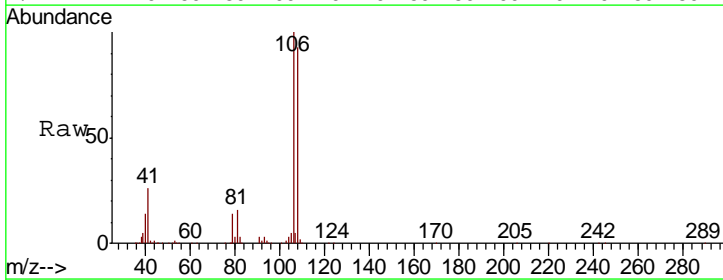
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL083118

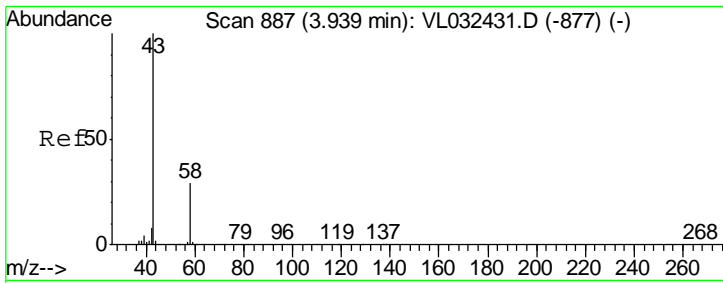
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 45 | 195696 | | |
| 46 | 38.2 | 13.9 | 55.7 |



#14
 Bromoethene
 Concen: 10.091 ppbv
 RT: 3.82 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 108 | 685230 | | |
| 106 | 108.1 | 85.5 | 128.3 |
| 79 | 16.4 | 13.0 | 19.6 |

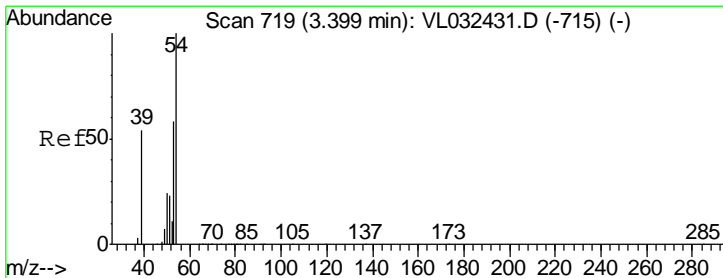
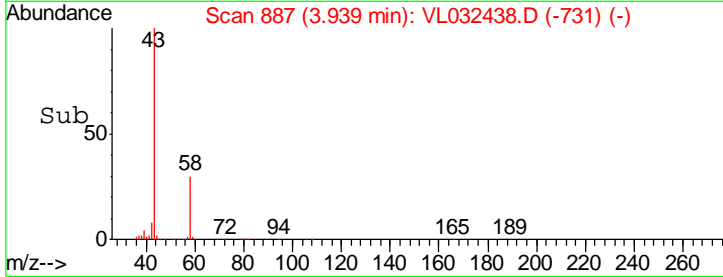
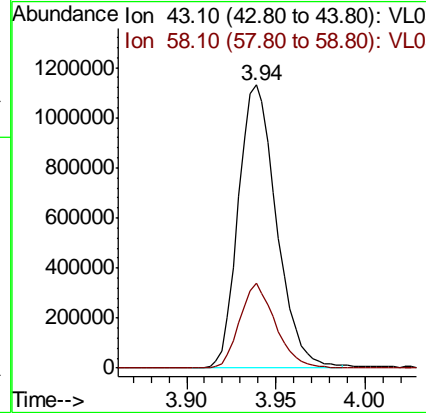
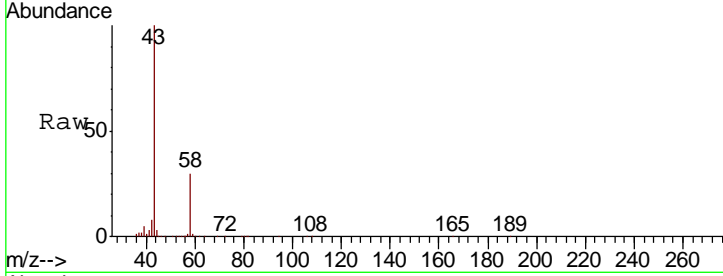




#15
 Acetone
 Concen: 9.136 ppbv
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

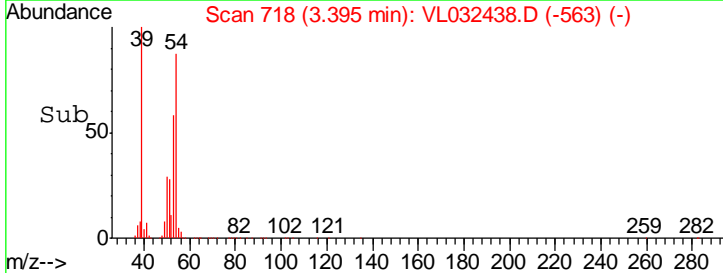
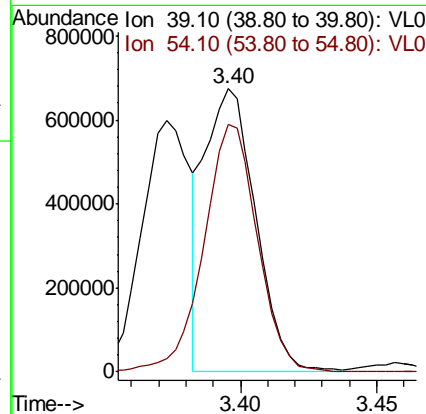
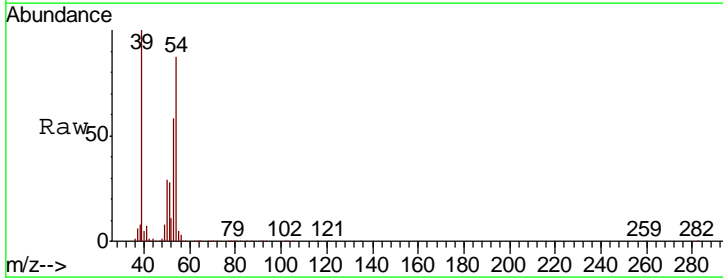
Instrument :
 MSVOA_L
ClientSampled :
 ICVVL083118

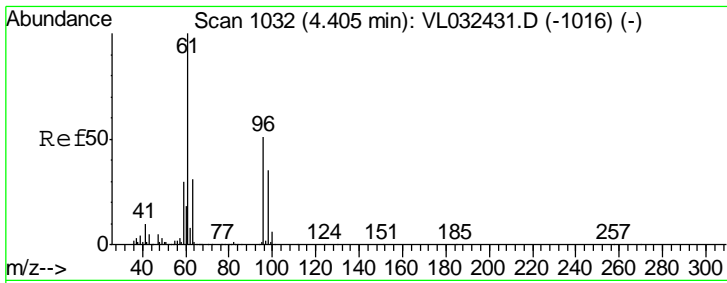
Tgt Ion: 43 Resp: 1687083
 Ion Ratio Lower Upper
 43 100
 58 28.3 22.6 33.8



#16
 1,3-Butadiene
 Concen: 10.090 ppbv
 RT: 3.40 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 39 Resp: 867672
 Ion Ratio Lower Upper
 39 100
 54 93.5 80.8 121.2

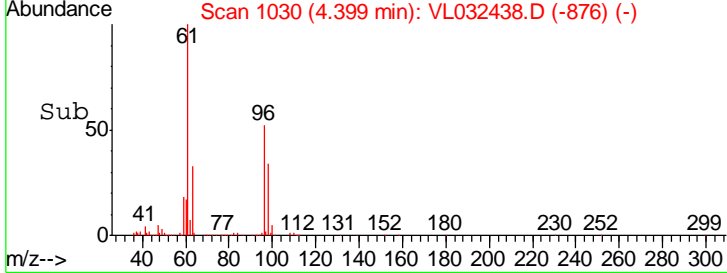
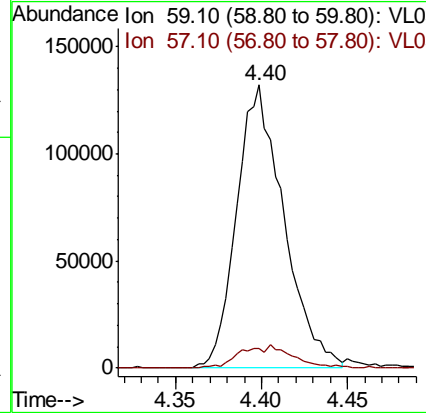
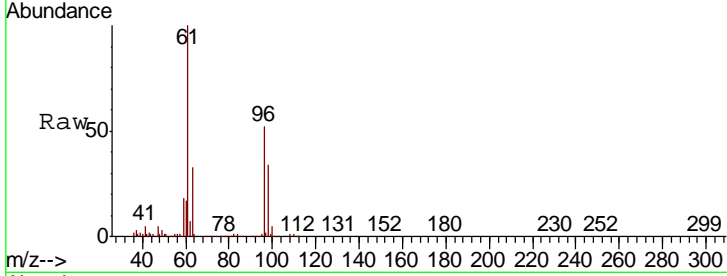




#17
 tert-Butyl alcohol
 Concen: 8.845 ppbv
 RT: 4.40 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

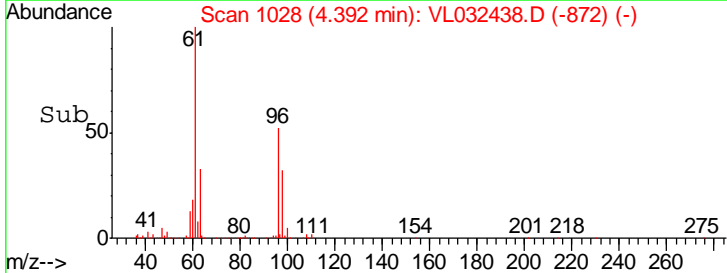
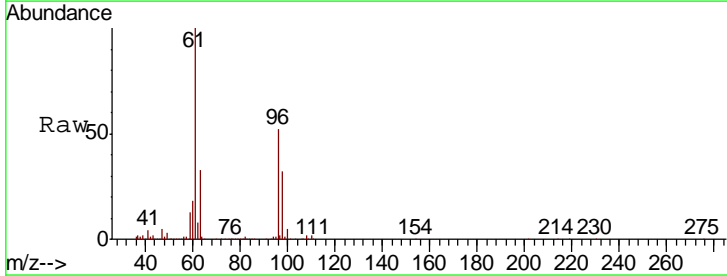
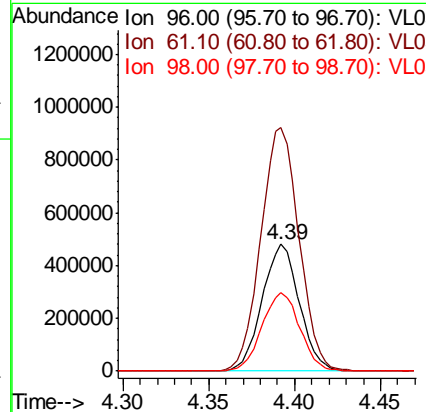
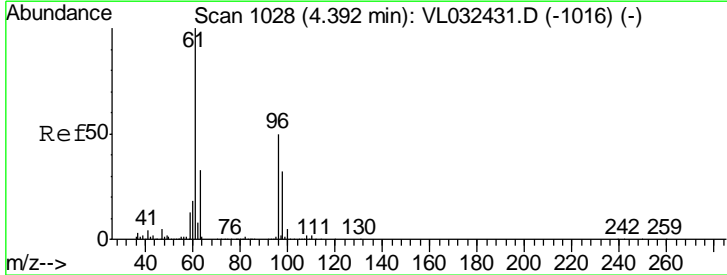
Instrument : MSVOA_L
 ClientSampleID : ICVVL083118

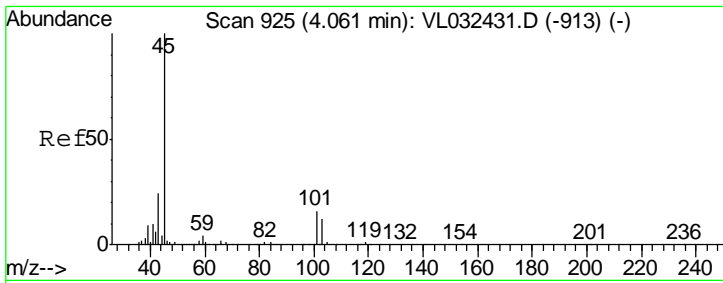
Tgt Ion: 59 Resp: 251366
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.0 10.4



#18
 1,1-Dichloroethene
 Concen: 9.807 ppbv
 RT: 4.39 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 96 Resp: 718349
 Ion Ratio Lower Upper
 96 100
 61 192.0 159.2 238.8
 98 61.9 51.0 76.4

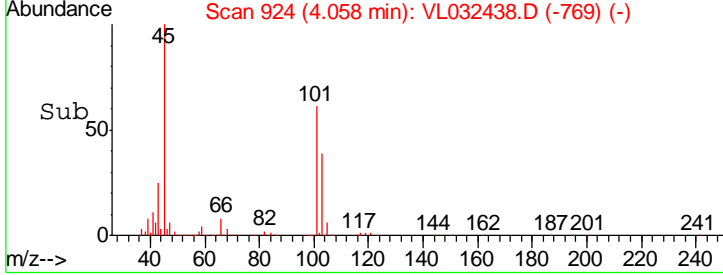
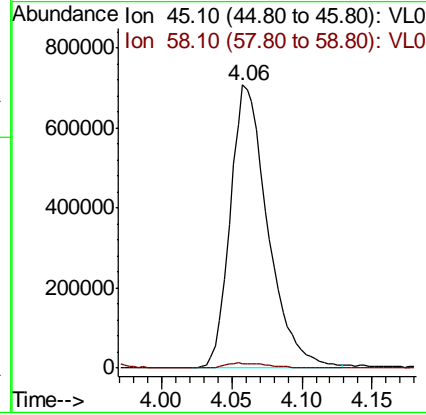
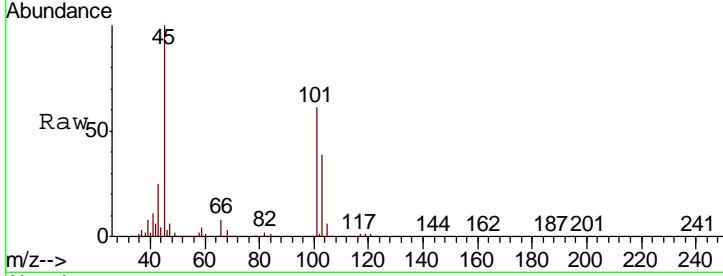




#19
 Isopropyl Alcohol
 Concen: 10.844 ppbv
 RT: 4.06 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

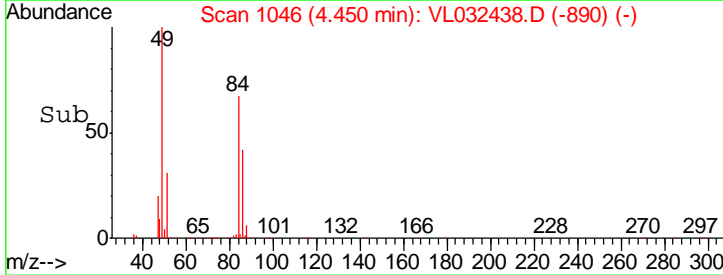
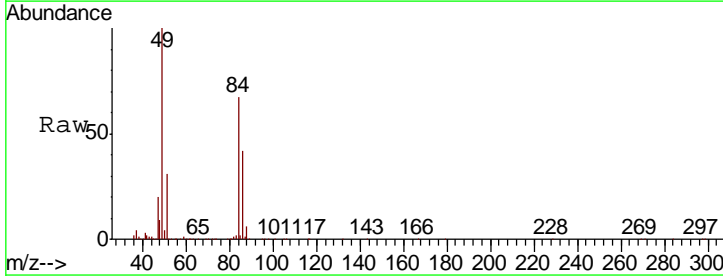
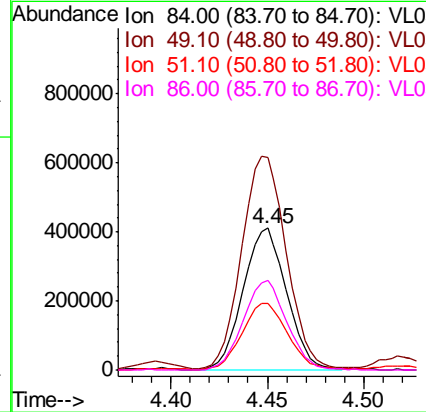
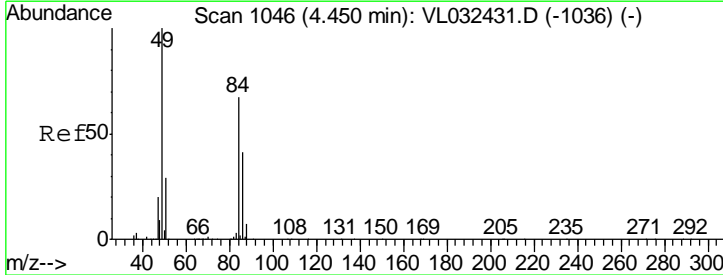
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

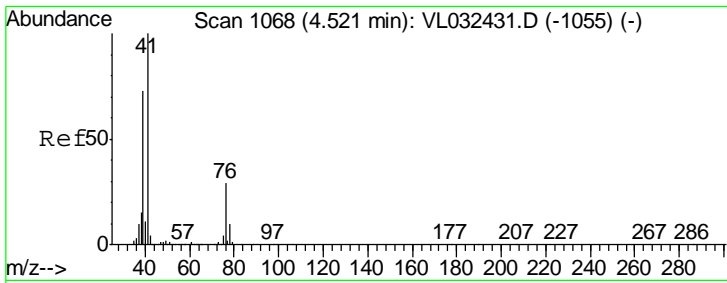
Tgt Ion: 45 Resp: 1313653
 Ion Ratio Lower Upper
 45 100
 58 2.6 2.0 3.0



#20
 Methylene Chloride
 Concen: 9.078 ppbv
 RT: 4.45 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 84 Resp: 639245
 Ion Ratio Lower Upper
 84 100
 49 149.3 119.1 178.7
 51 46.5 35.2 52.8
 86 62.8 49.4 74.2

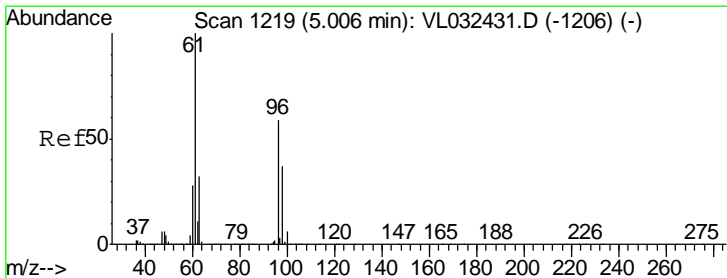
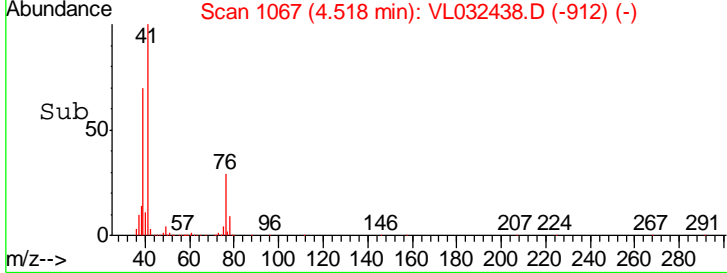
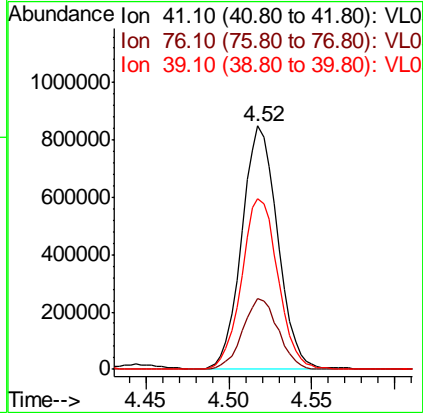
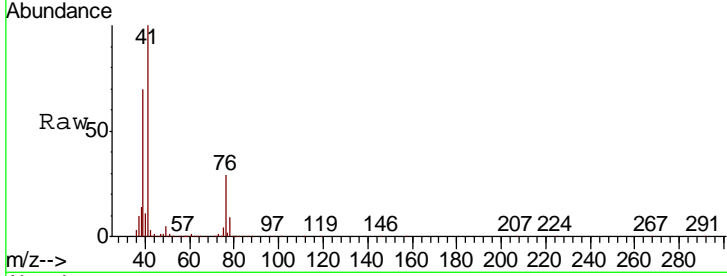




#21
 Allyl Chloride
 Concen: 10.331 ppbv
 RT: 4.52 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

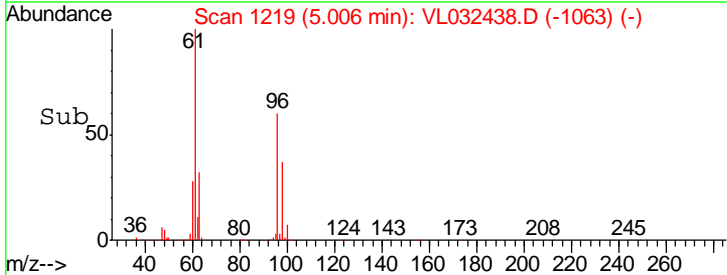
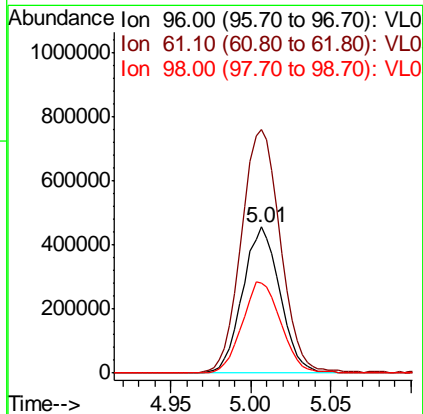
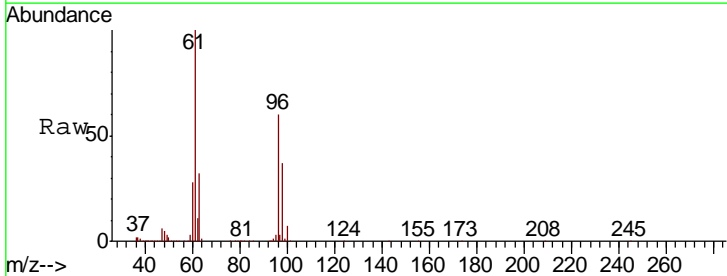
Instrument : MSVOA_L
 ClientSampled : ICVVL083118

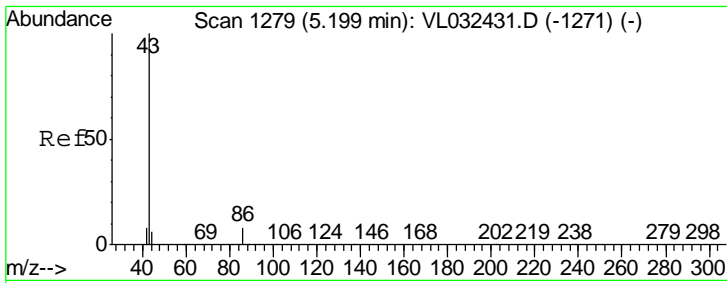
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 41 | 1267173 | | |
| 76 | 29.1 | 23.6 | 35.4 |
| 39 | 71.8 | 57.7 | 86.5 |



#22
 trans-1,2-Dichloroethene
 Concen: 9.124 ppbv
 RT: 5.01 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 96 | 725198 | | |
| 61 | 166.8 | 136.2 | 204.4 |
| 98 | 61.4 | 50.4 | 75.6 |

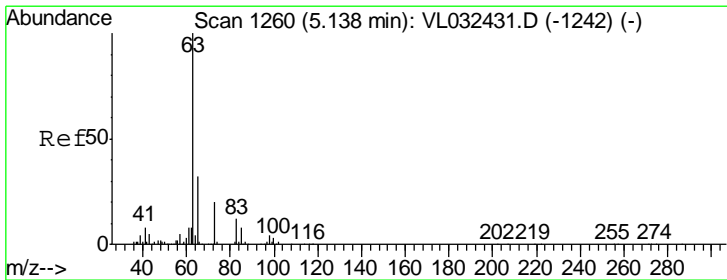
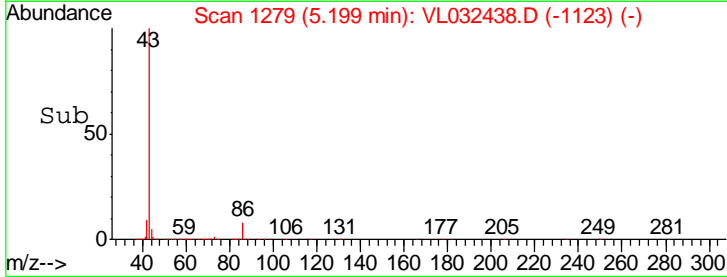
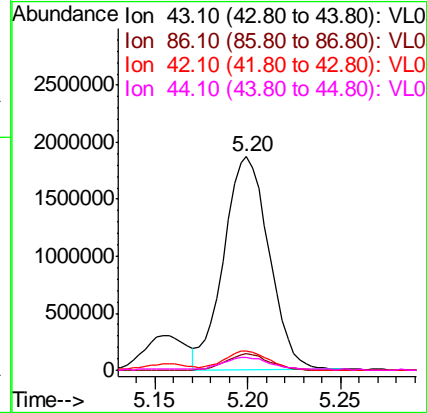
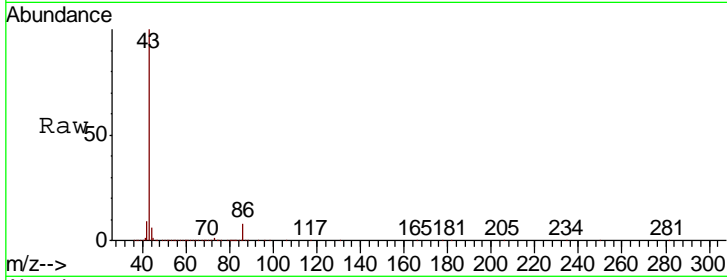




#23
 Vinyl Acetate
 Concen: 10.312 ppbv
 RT: 5.20 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

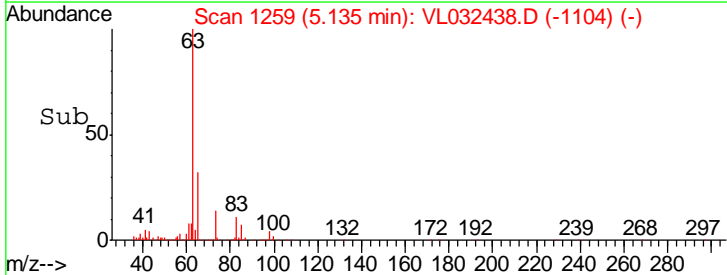
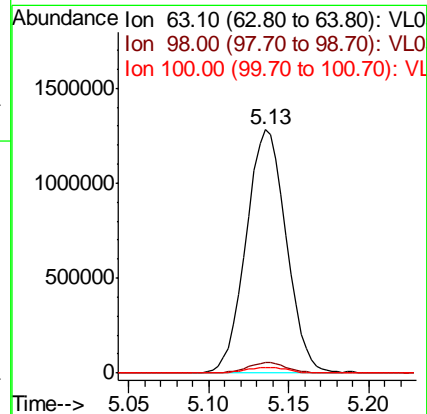
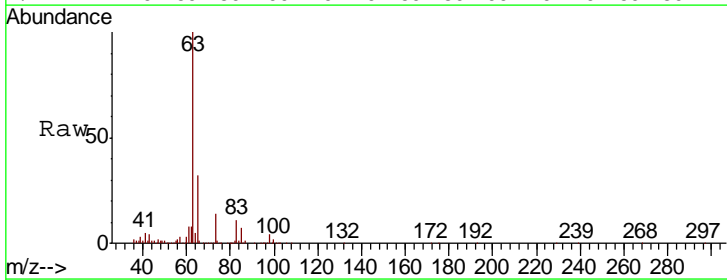
Instrument : MSVOA_L
 ClientSampleID : ICVVL083118

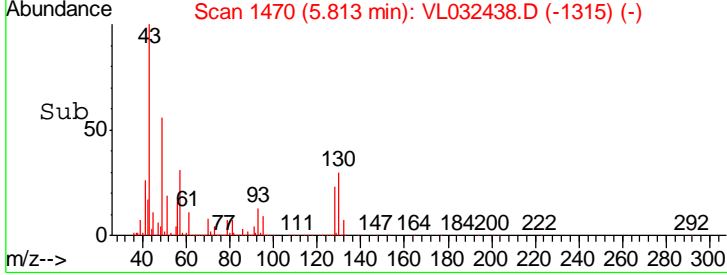
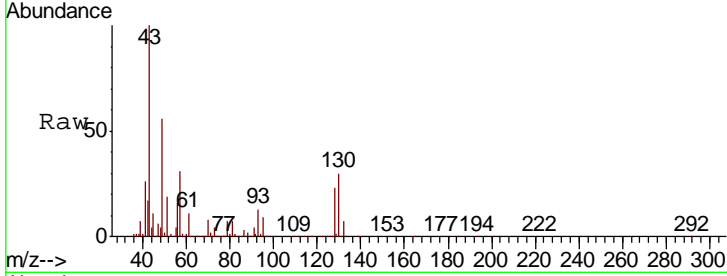
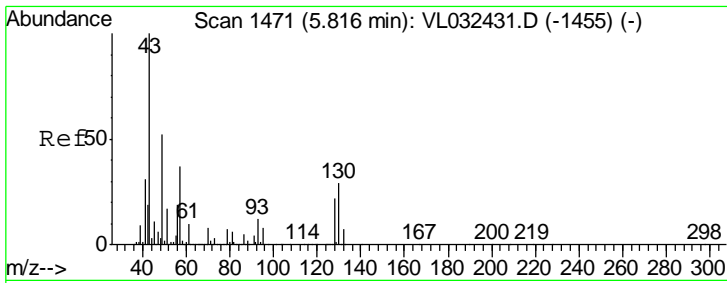
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 43 | 3156347 | | |
| 86 | 7.6 | 5.9 | 8.9 |
| 42 | 9.2 | 6.9 | 10.3 |
| 44 | 5.5 | 4.6 | 7.0 |



#24
 1,1-Dichloroethane
 Concen: 8.659 ppbv
 RT: 5.13 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 63 | 2183935 | | |
| 98 | 4.3 | 2.1 | 6.5 |
| 100 | 2.3 | 1.5 | 4.4 |

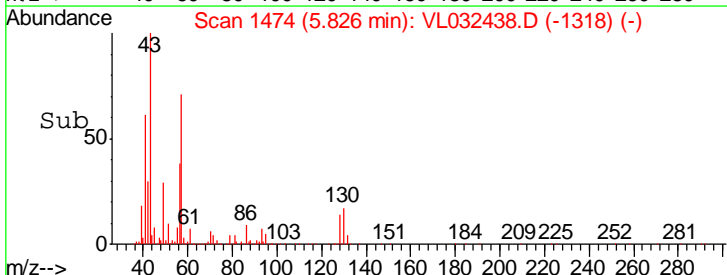
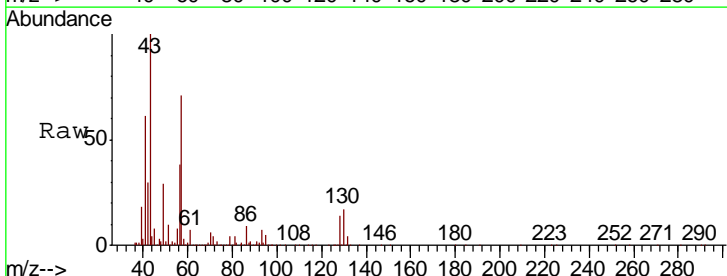
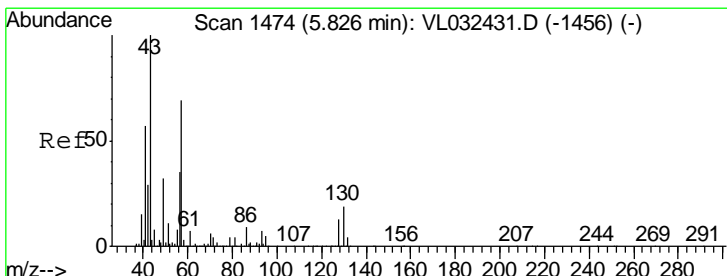
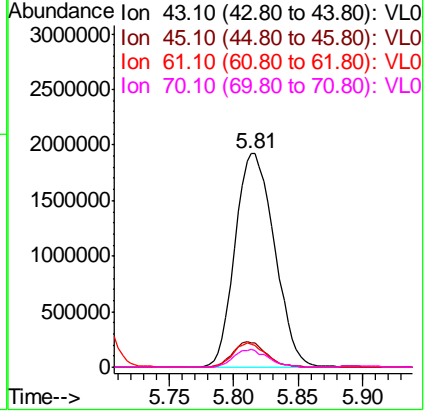




#25
 Ethyl Acetate
 Concen: 9.374 ppbv
 RT: 5.81 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

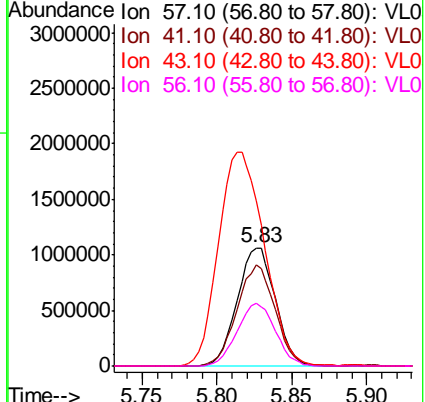
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 45 | 10.2 | 8.0 | 12.0 |
| 61 | 9.6 | 7.6 | 11.4 |
| 70 | 7.3 | 5.8 | 8.8 |

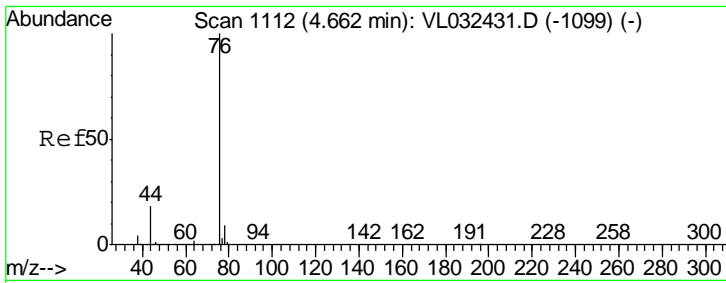
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118



#26
 Hexane
 Concen: 9.639 ppbv
 RT: 5.83 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 57 | 100 | | |
| 41 | 85.6 | 68.4 | 102.6 |
| 43 | 218.1 | 172.6 | 258.8 |
| 56 | 53.5 | 42.2 | 63.2 |

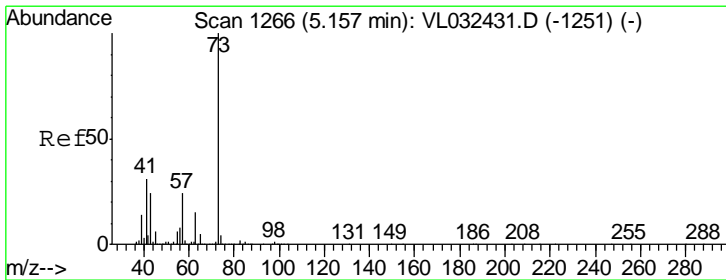
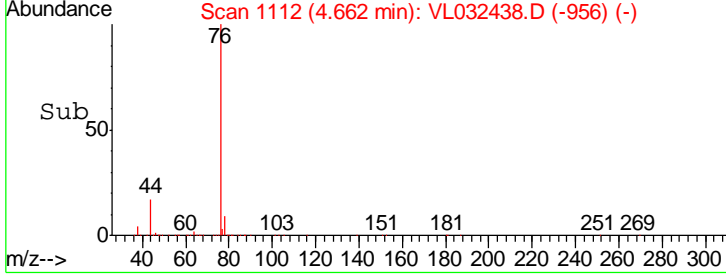
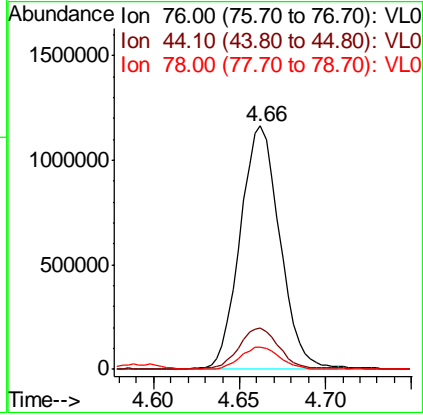
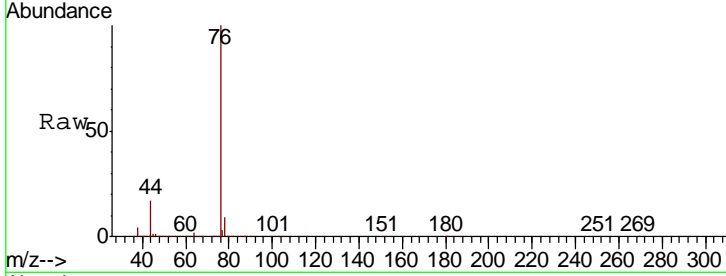




#27
 Carbon Disulfide
 Concen: 10.317 ppbv
 RT: 4.66 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

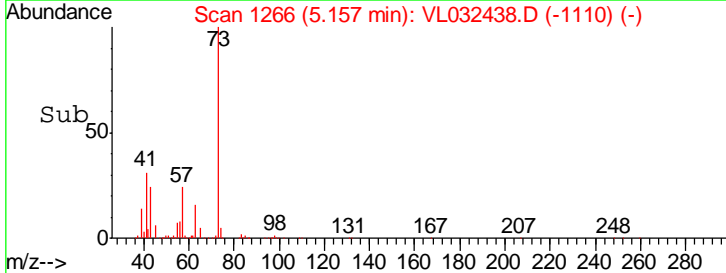
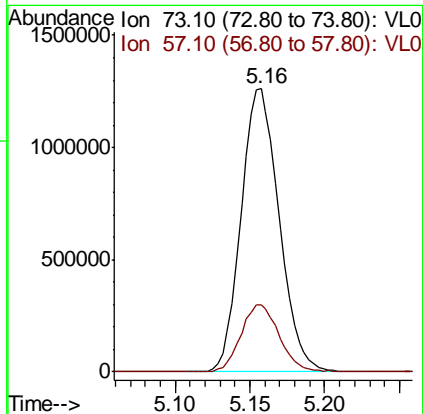
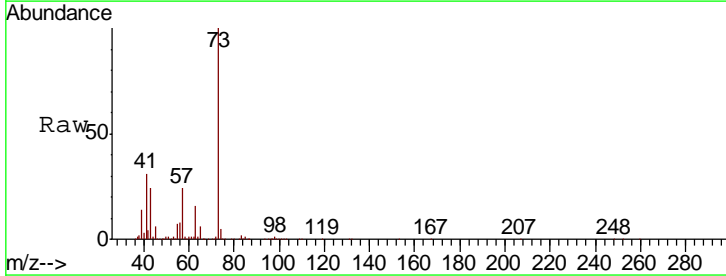
Instrument : MSVOA_L
 ClientSampled : ICVVL083118

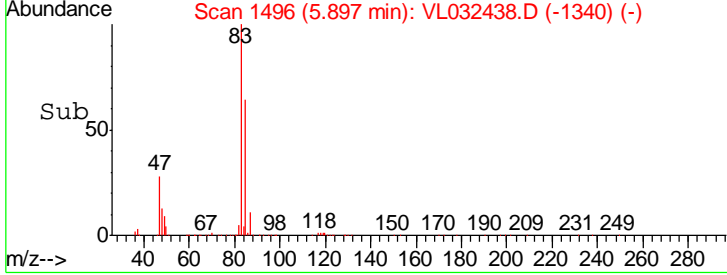
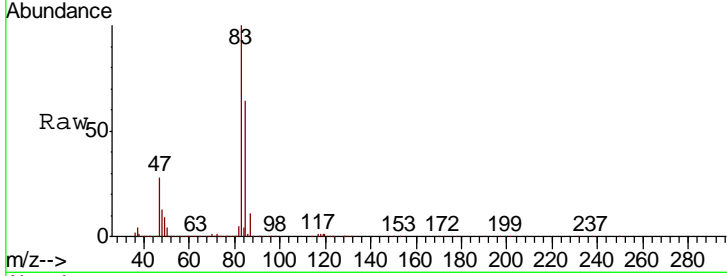
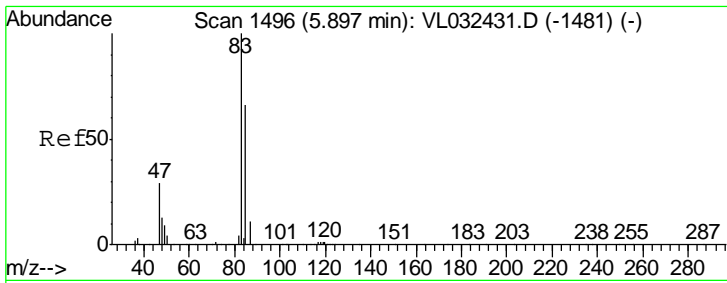
| Tgt Ion | Resp | Lower | Upper |
|-----------|---------|-------|-------|
| 76 | 1859759 | | |
| Ion Ratio | | | |
| 76 | 100 | | |
| 44 | 16.9 | 14.0 | 21.0 |
| 78 | 9.2 | 7.5 | 11.3 |



#28
 Methyl tert-Butyl Ether
 Concen: 9.314 ppbv
 RT: 5.16 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|-----------|---------|-------|-------|
| 73 | 2233109 | | |
| Ion Ratio | | | |
| 73 | 100 | | |
| 57 | 24.1 | 19.3 | 28.9 |

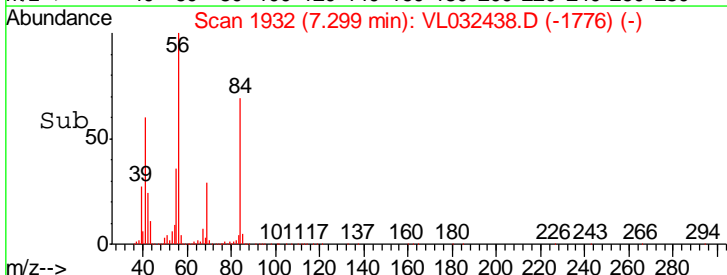
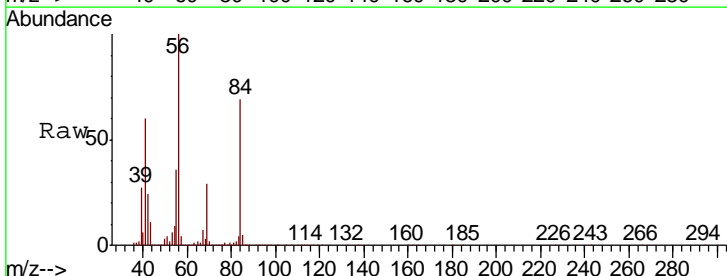
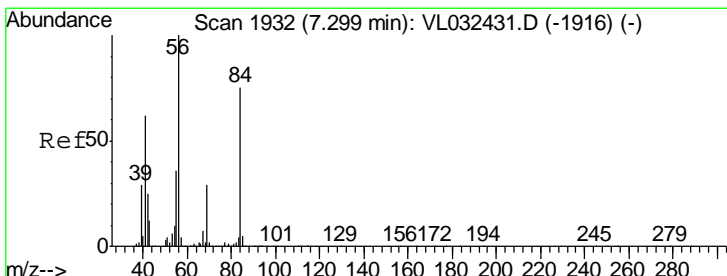
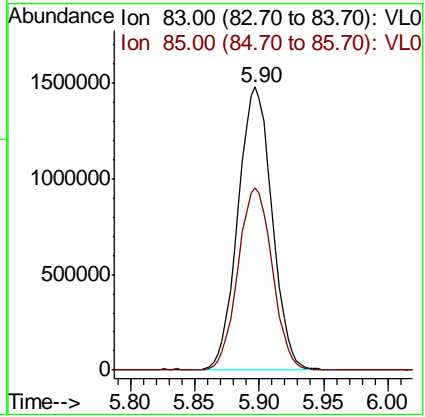




#29
 Chloroform
 Concen: 9.140 ppbv
 RT: 5.90 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

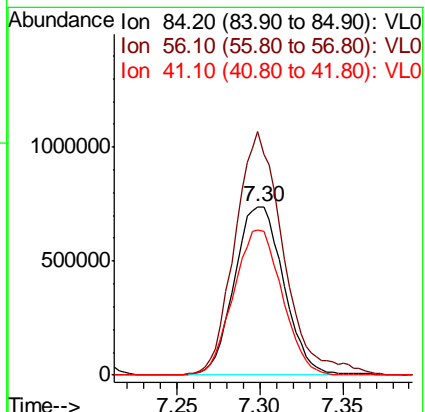
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 83 | 2721310 | | |
| 85 | 64.2 | 52.5 | 78.7 |

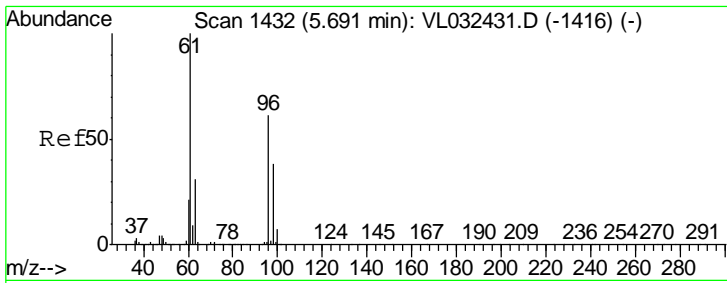
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118



#30
 Cyclohexane
 Concen: 10.564 ppbv
 RT: 7.30 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 84 | 1510500 | | |
| 56 | 143.9 | 113.5 | 170.3 |
| 41 | 86.3 | 68.0 | 102.0 |

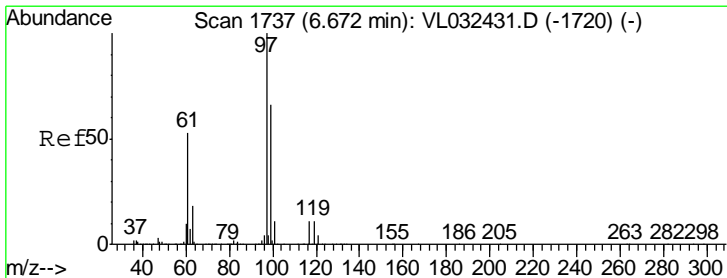
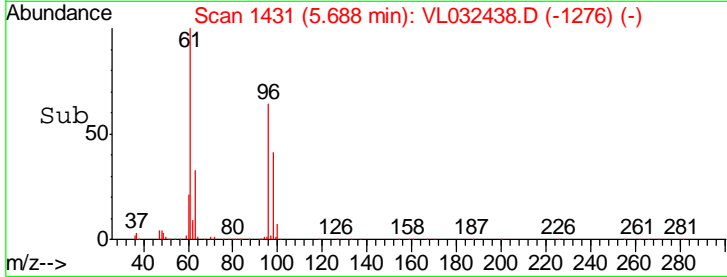
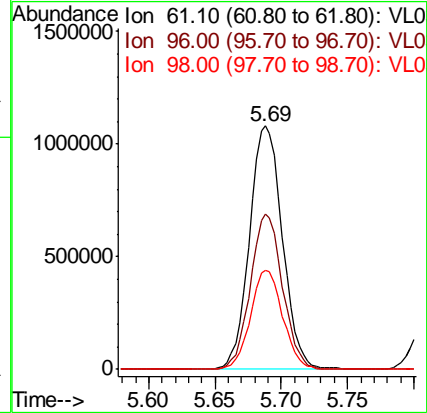
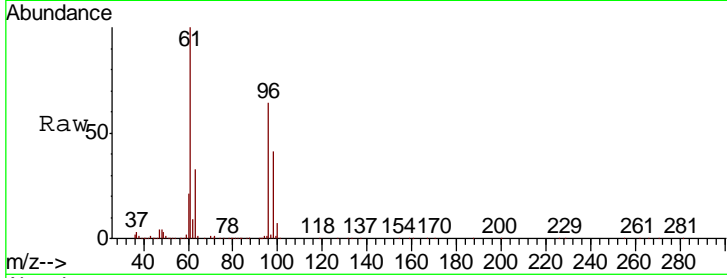




#31
 cis-1,2-Dichloroethene
 Concen: 10.517 ppbv
 RT: 5.69 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

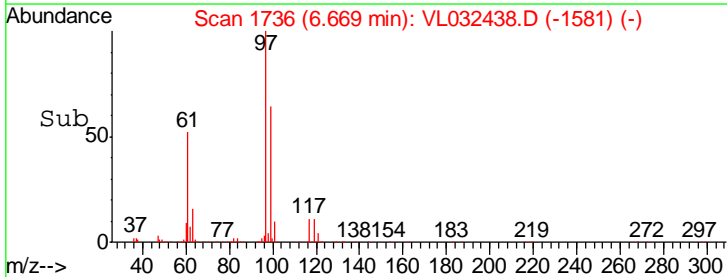
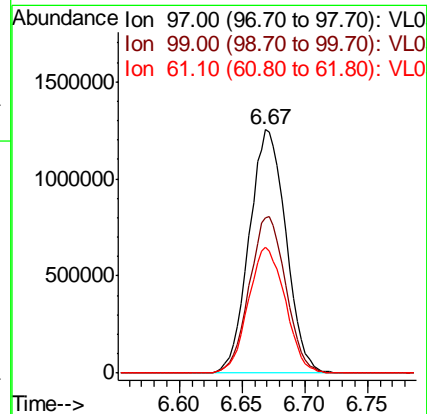
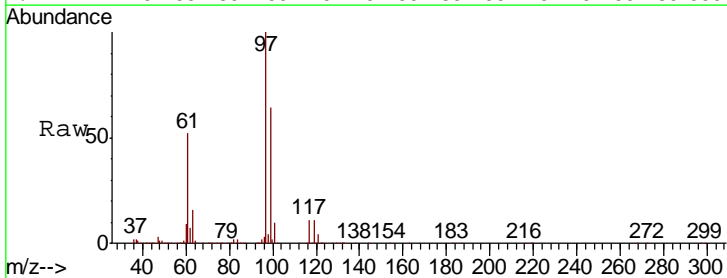
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

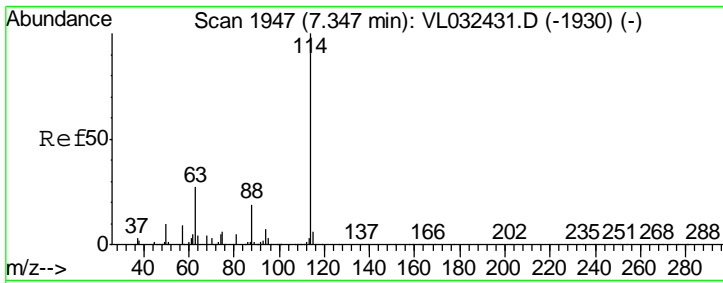
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 61 | 100 | | |
| 96 | 63.5 | 49.2 | 73.8 |
| 98 | 40.7 | 30.7 | 46.1 |



#32
 1,1,1-Trichloroethane
 Concen: 10.044 ppbv
 RT: 6.67 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 97 | 100 | | |
| 99 | 64.1 | 52.1 | 78.1 |
| 61 | 52.2 | 42.6 | 64.0 |

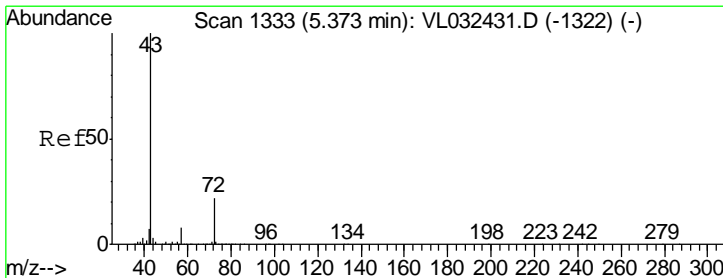
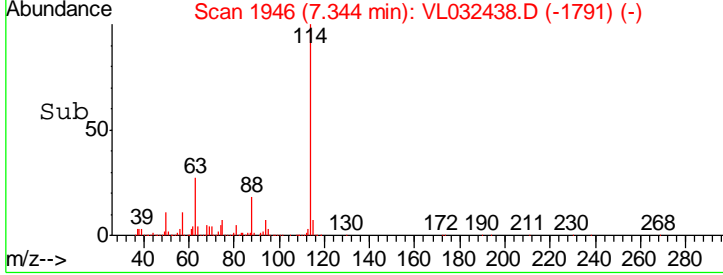
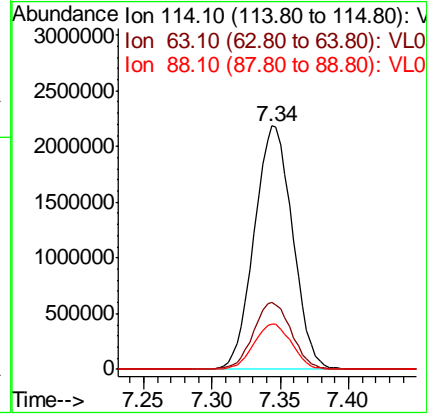
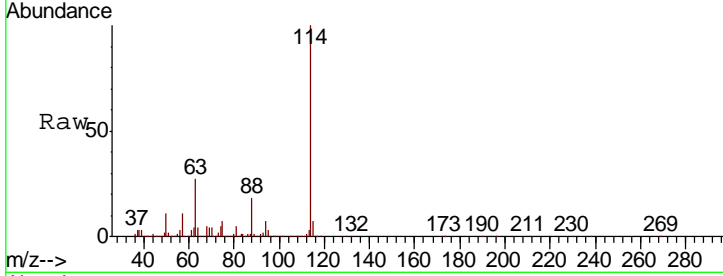




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.34 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

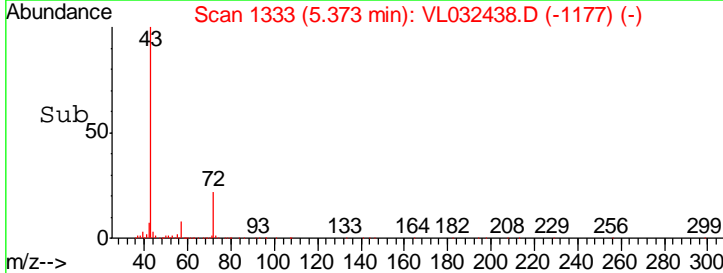
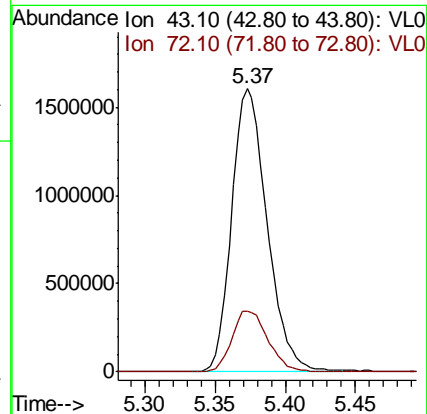
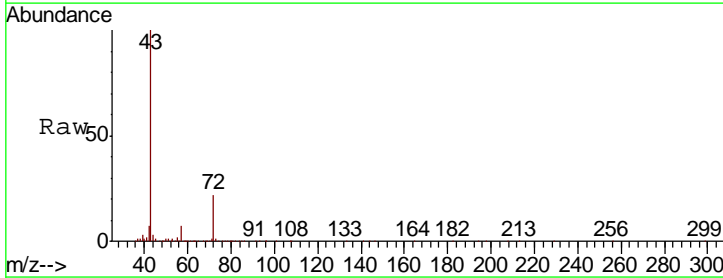
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

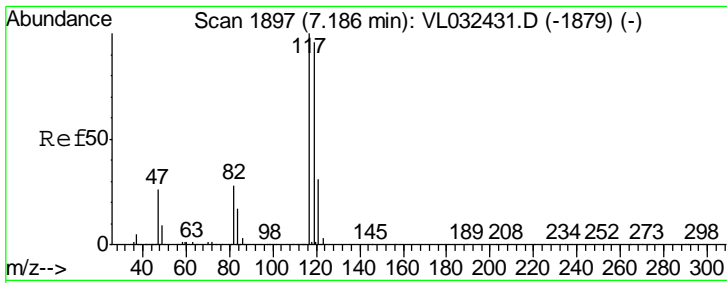
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 114 | 100 | | |
| 63 | 27.5 | 22.1 | 33.1 |
| 88 | 18.5 | 15.0 | 22.6 |



#34
 2-Butanone
 Concen: 9.938 ppbv
 RT: 5.37 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 72 | 22.1 | 17.8 | 26.6 |

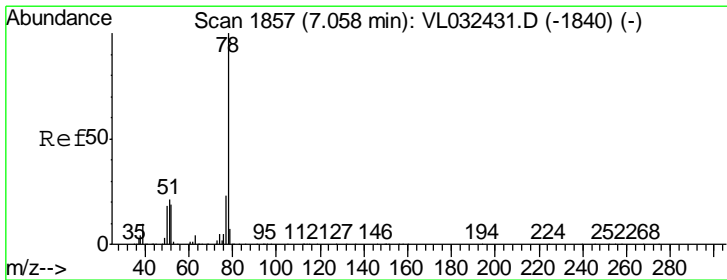
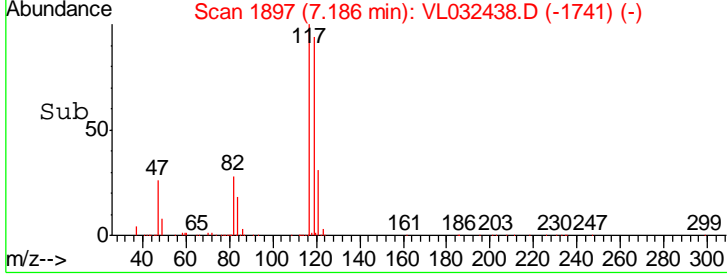
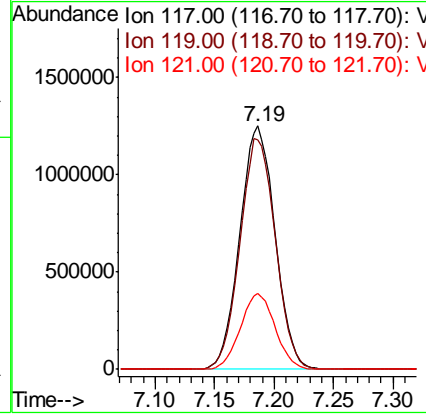
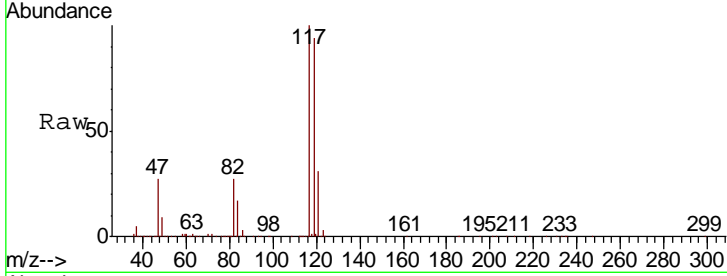




#35
 Carbon Tetrachloride
 Concen: 10.282 ppbv
 RT: 7.19 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

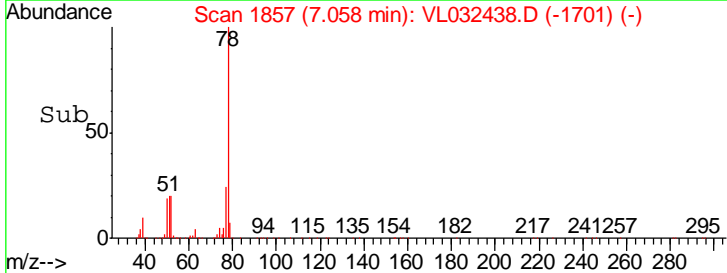
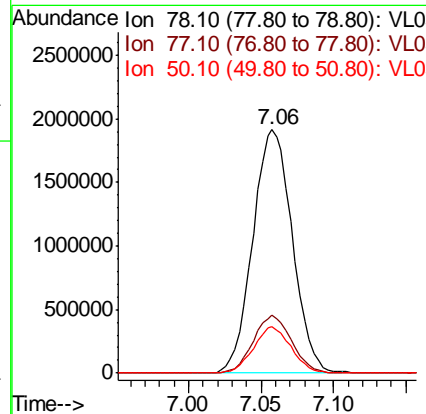
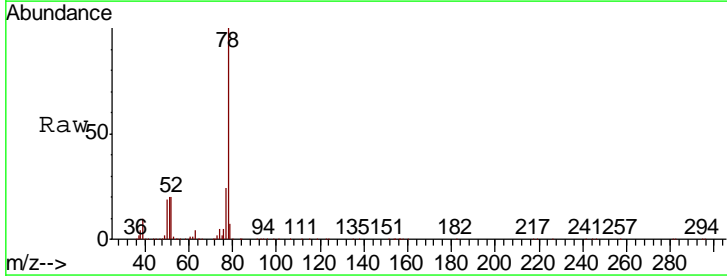
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

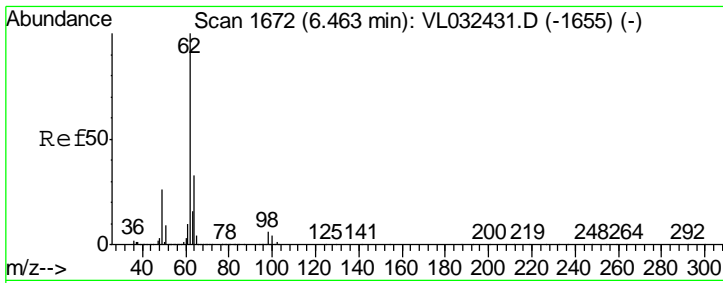
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117 | 100 | | |
| 119 | 94.2 | 76.6 | 115.0 |
| 121 | 31.0 | 24.6 | 36.8 |



#36
 Benzene
 Concen: 10.037 ppbv
 RT: 7.06 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 78 | 100 | | |
| 77 | 23.8 | 18.4 | 27.6 |
| 50 | 19.1 | 14.4 | 21.6 |



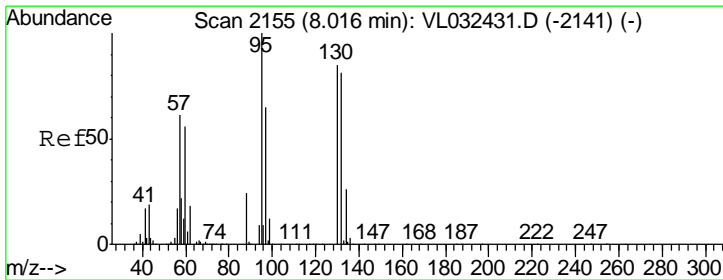
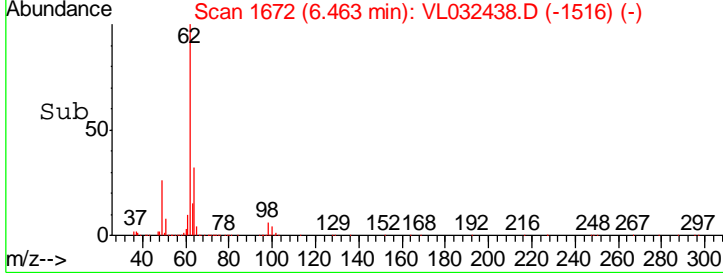
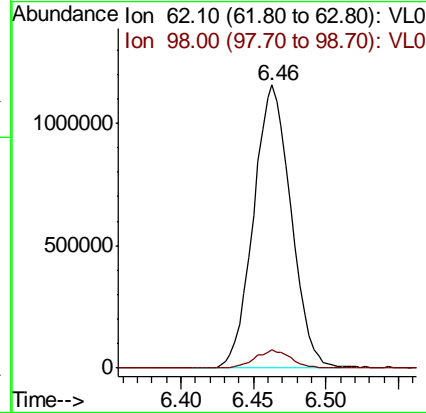
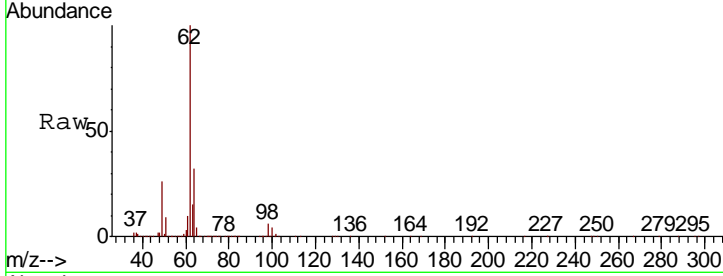


#37
 1,2-Dichloroethane
 Concen: 9.365 ppbv
 RT: 6.46 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument : MSVOA_L
 ClientSampleID : ICVVL083118

Tgt Ion: 62 Resp: 2079193

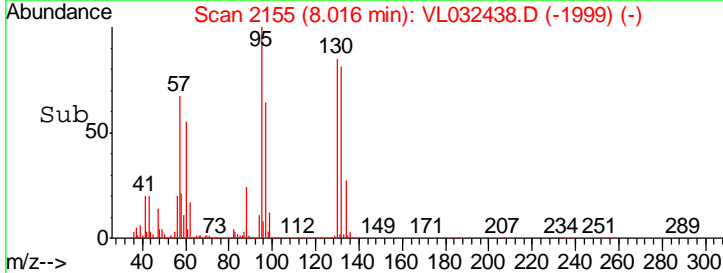
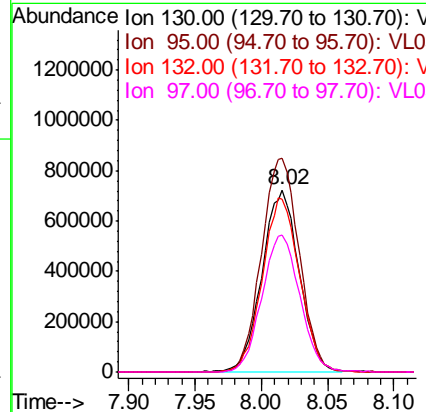
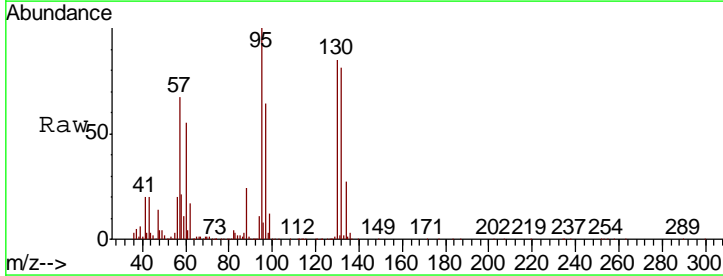
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62 | 100 | | |
| 98 | 6.2 | 5.0 | 7.6 |

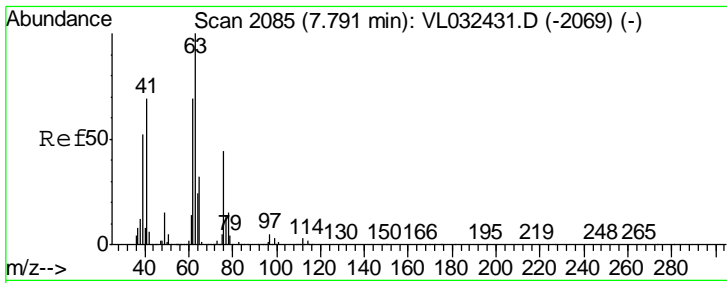


#38
 Trichloroethene
 Concen: 11.270 ppbv
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 130 Resp: 1408328

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100 | | |
| 95 | 117.4 | 94.2 | 141.4 |
| 132 | 94.8 | 76.2 | 114.4 |
| 97 | 75.2 | 60.8 | 91.2 |

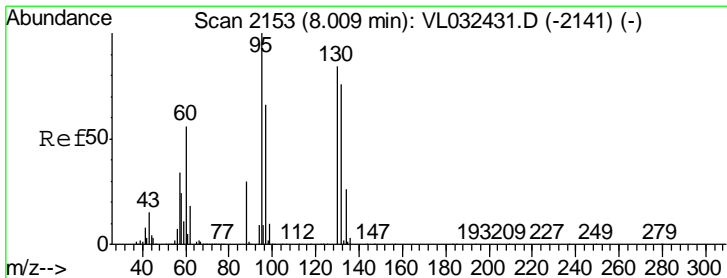
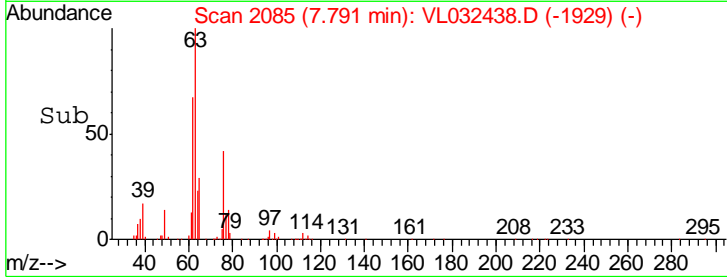
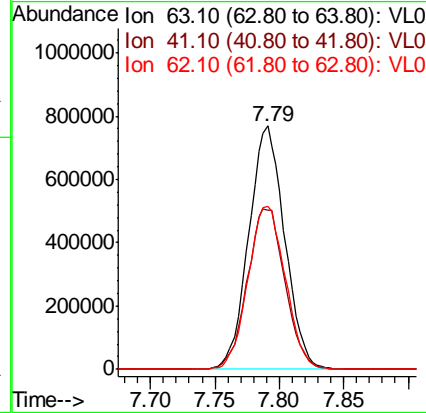
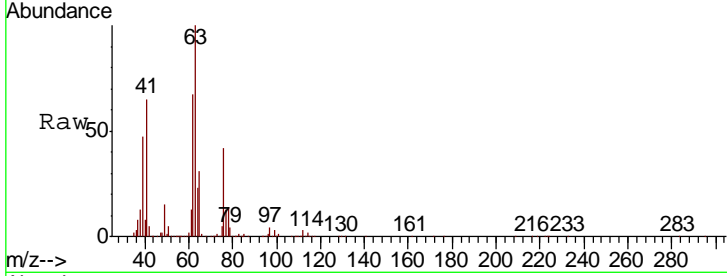




#39
 1,2-Dichloropropane
 Concen: 9.623 ppbv
 RT: 7.79 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

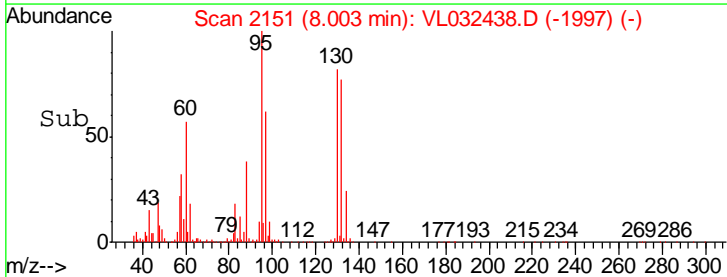
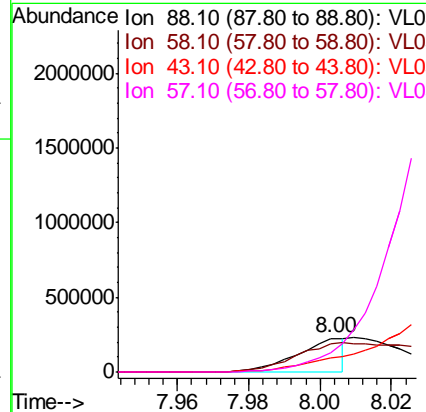
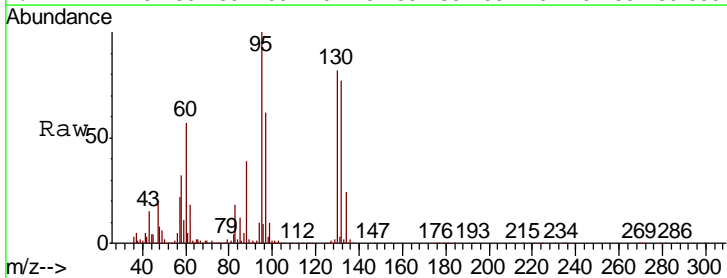
Instrument :
 MSVOA_L
ClientSampled :
 ICVVL083118

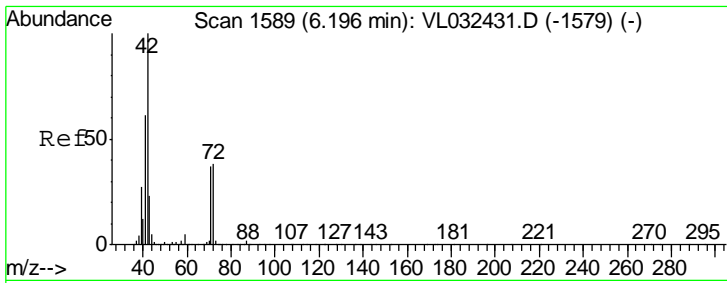
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 63 | 1491629 | | |
| 41 | 65.2 | 55.4 | 83.0 |
| 62 | 66.7 | 55.4 | 83.0 |



#40
 1,4-Dioxane
 Concen: 4.463 ppbv
 RT: 8.00 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|--------|---------|
| 88 | 207548 | | |
| 58 | 0.0 | 119.7 | 179.5# |
| 43 | 0.0 | 253.0 | 379.4# |
| 57 | 0.0 | 1156.9 | 1735.3# |



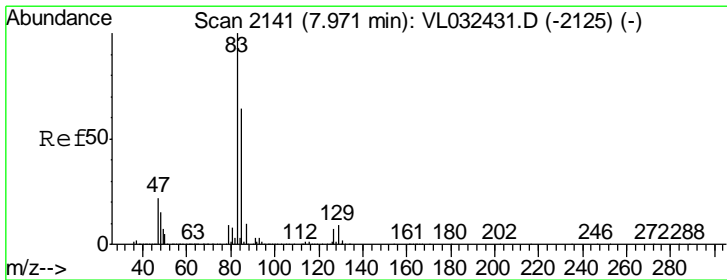
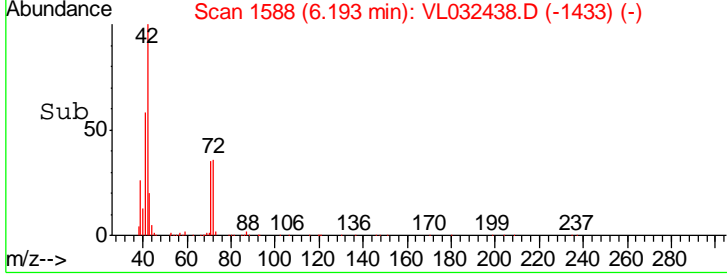
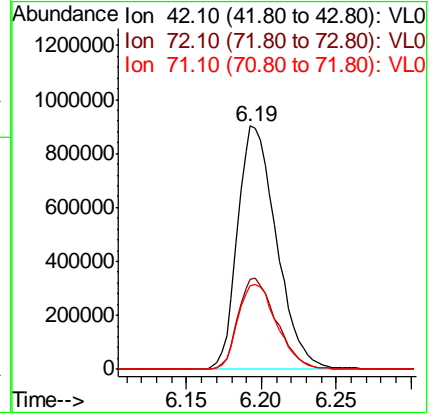
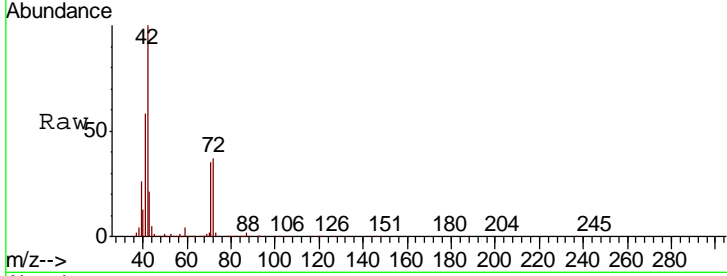


#41
 Tetrahydrofuran
 Concen: 10.608 ppbv
 RT: 6.19 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

Tgt Ion: 42 Resp: 1633111

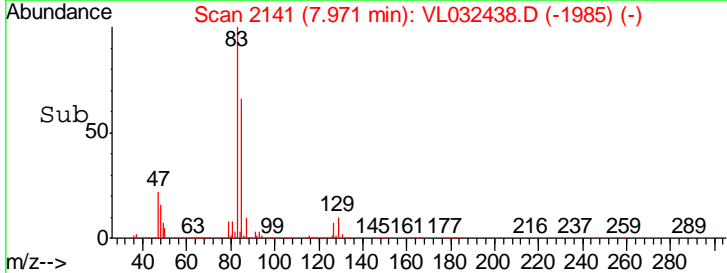
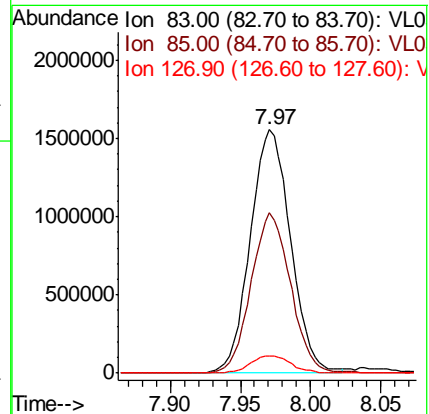
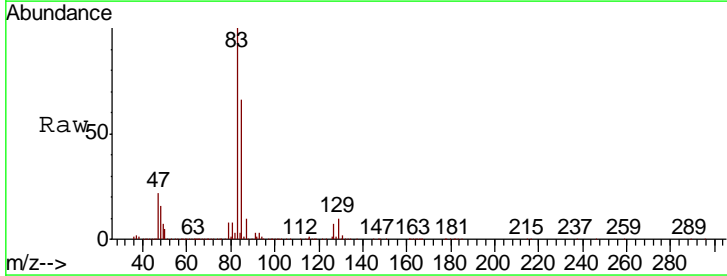
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42 | 100 | | |
| 72 | 37.0 | 29.5 | 44.3 |
| 71 | 35.2 | 28.3 | 42.5 |

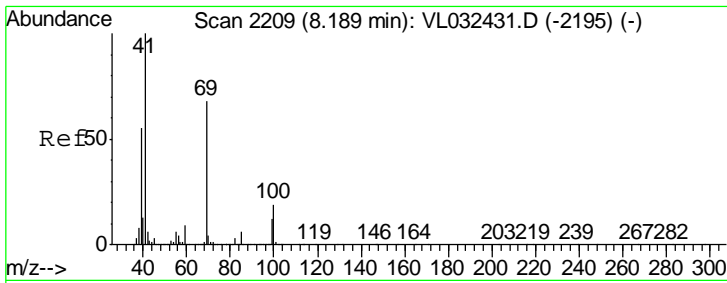


#42
 Bromodichloromethane
 Concen: 10.159 ppbv
 RT: 7.97 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 83 Resp: 3110866

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83 | 100 | | |
| 85 | 65.9 | 51.1 | 76.7 |
| 127 | 7.2 | 5.8 | 8.8 |

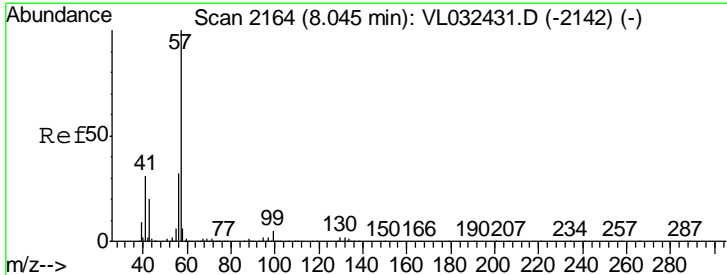
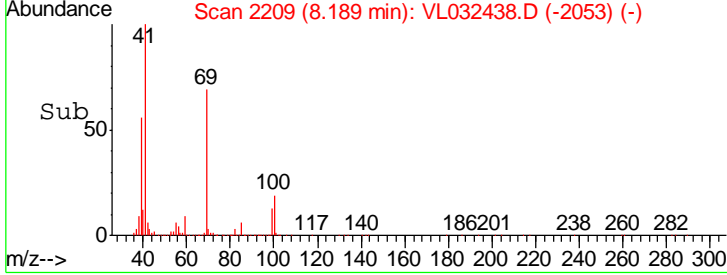
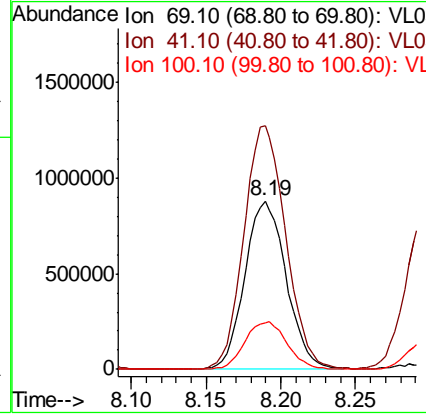
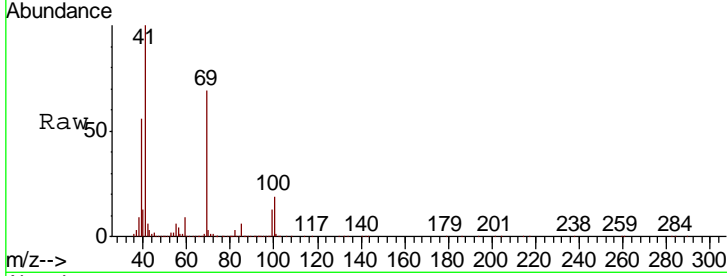




#43
 Methyl Methacrylate
 Concen: 10.996 ppbv
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

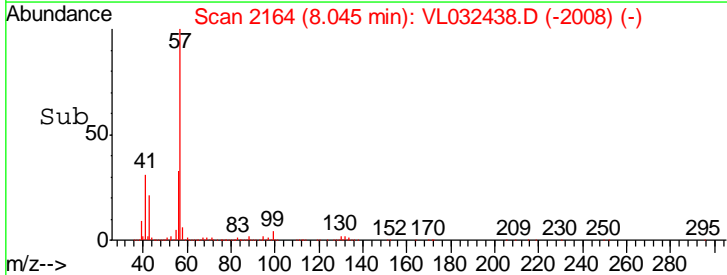
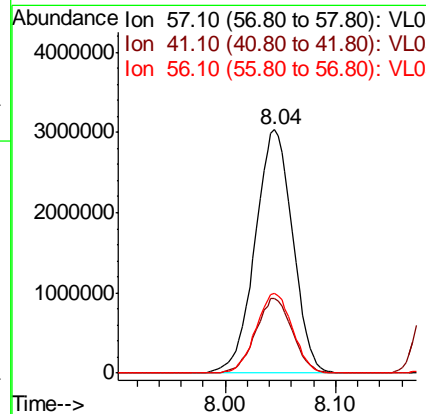
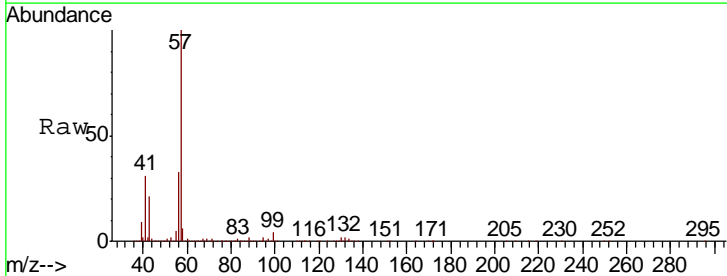
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

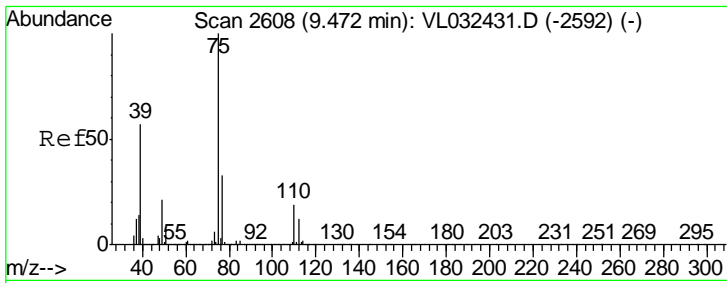
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 69 | 1690160 | | |
| 41 | 146.2 | 117.2 | 175.8 |
| 100 | 29.0 | 23.4 | 35.2 |



#44
 2,2,4-Trimethylpentane
 Concen: 10.200 ppbv
 RT: 8.04 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 57 | 7144592 | | |
| 41 | 30.2 | 24.3 | 36.5 |
| 56 | 32.0 | 25.7 | 38.5 |

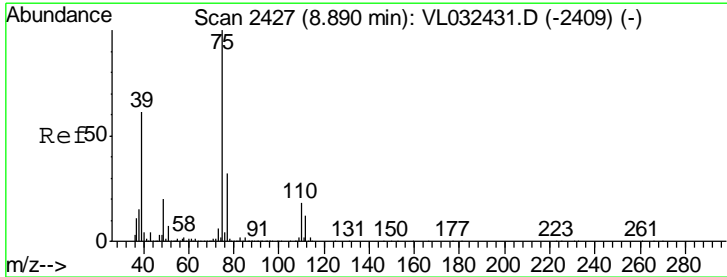
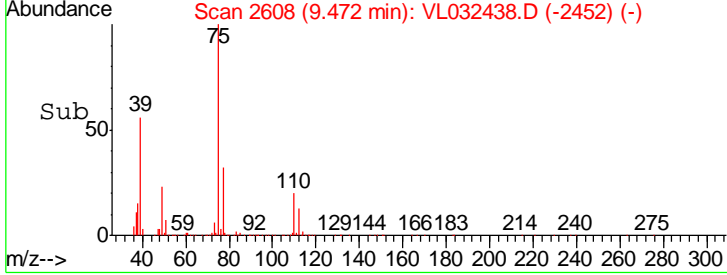
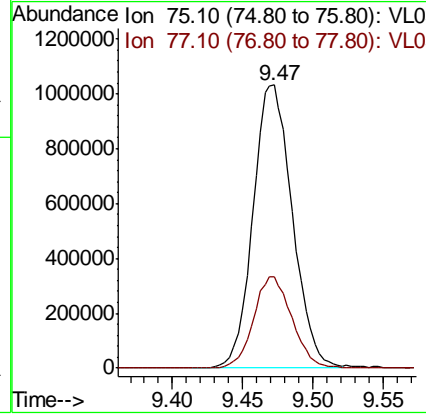
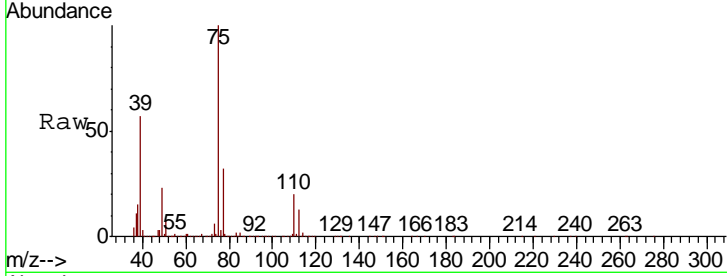




#45
 t-1,3-Dichloropropene
 Concen: 12.218 ppbv
 RT: 9.47 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

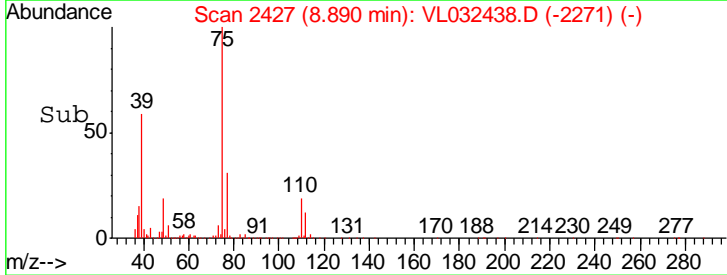
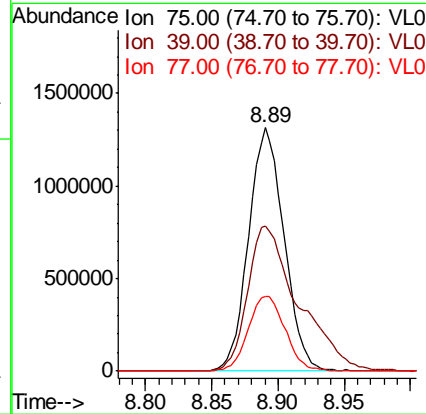
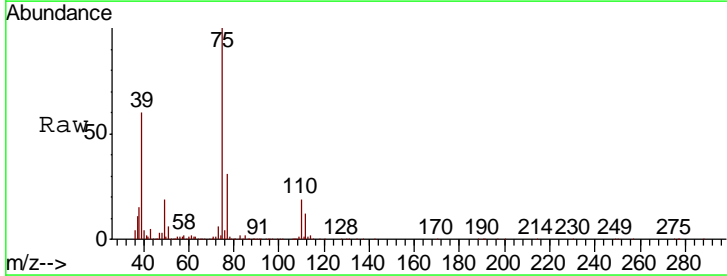
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

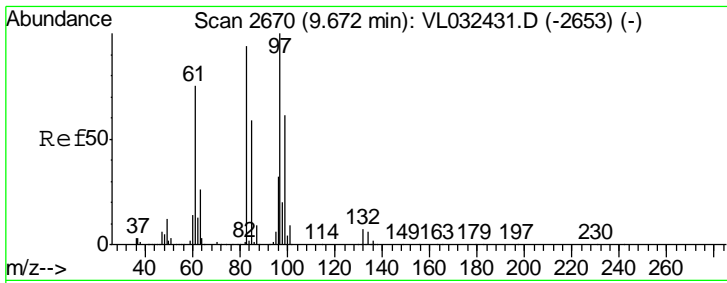
Tgt Ion: 75 Resp: 2009545
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2



#46
 cis-1,3-Dichloropropene
 Concen: 11.669 ppbv
 RT: 8.89 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 75 Resp: 2452451
 Ion Ratio Lower Upper
 75 100
 39 59.5 48.9 73.3
 77 30.8 25.4 38.0



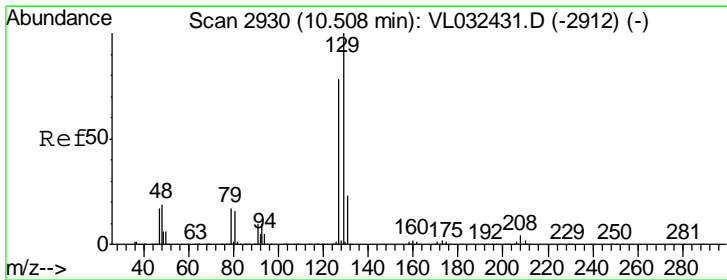
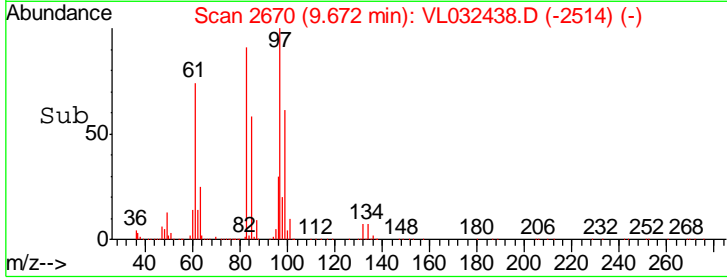
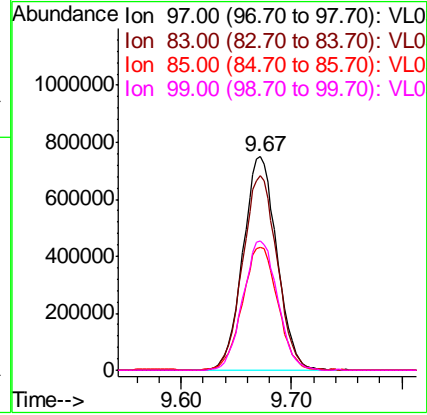
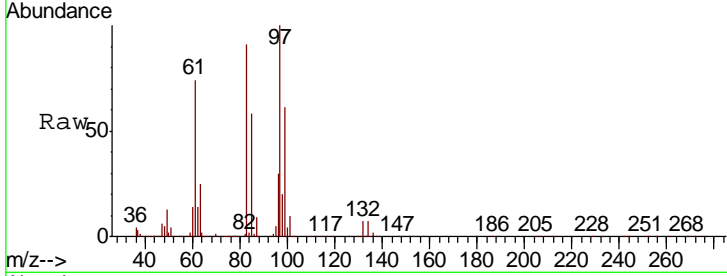


#47
 1,1,2-Trichloroethane
 Concen: 9.699 ppbv
 RT: 9.67 min Scan# 2670
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

Tgt Ion: 97 Resp: 1598535

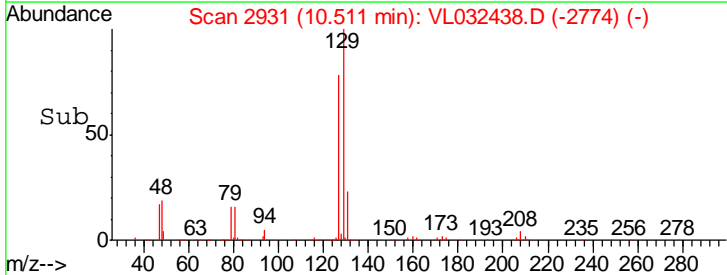
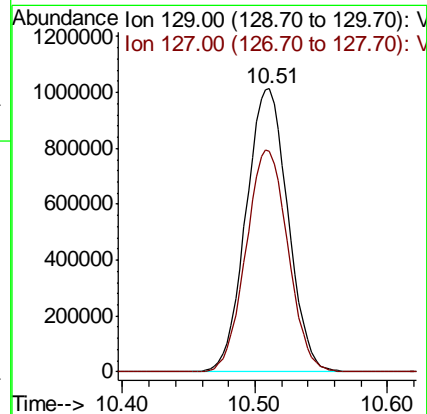
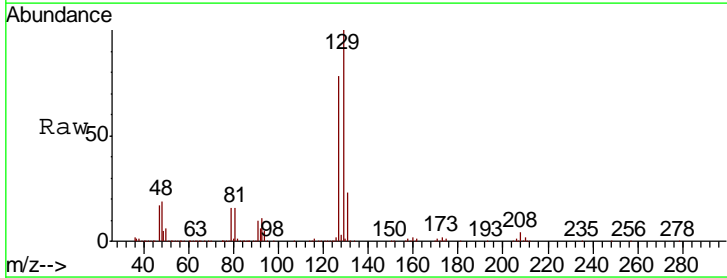
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97 | 100 | | |
| 83 | 90.9 | 75.0 | 112.4 |
| 85 | 57.5 | 47.5 | 71.3 |
| 99 | 60.7 | 49.0 | 73.6 |

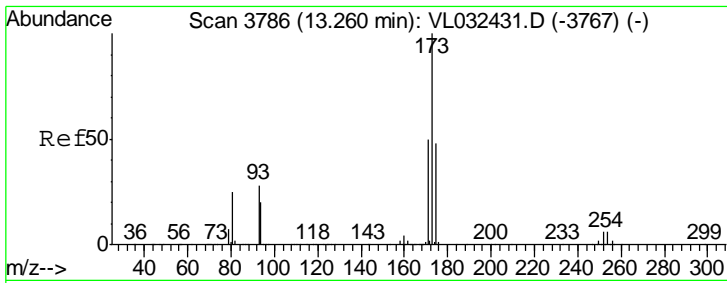


#48
 Dibromochloromethane
 Concen: 9.772 ppbv
 RT: 10.51 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 129 Resp: 2230569

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100 | | |
| 127 | 78.7 | 39.5 | 118.3 |

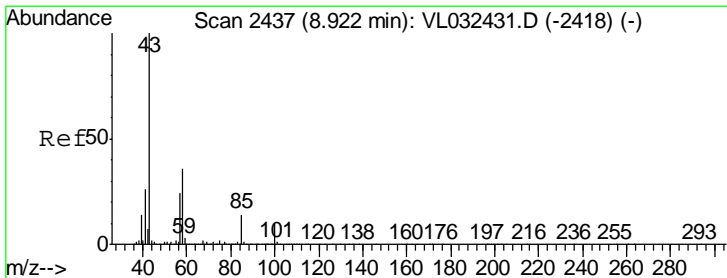
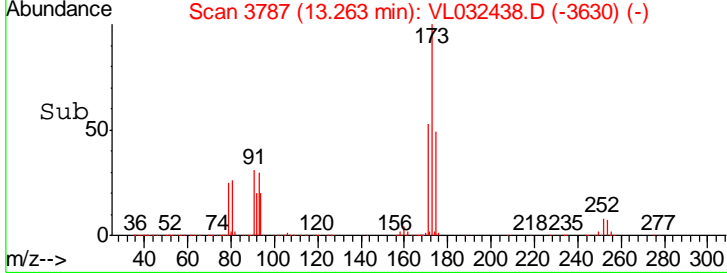
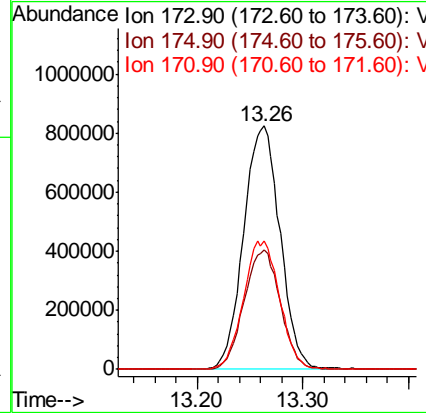
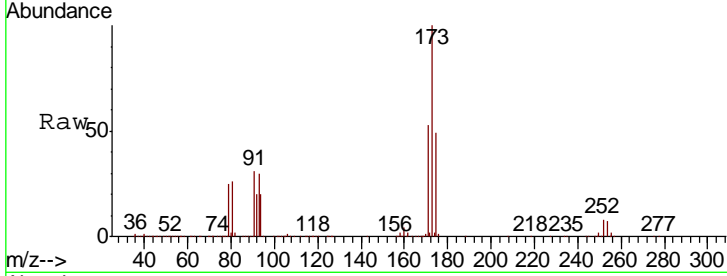




#49
 Bromoform
 Concen: 9.983 ppbv
 RT: 13.26 min Scan# 3787
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

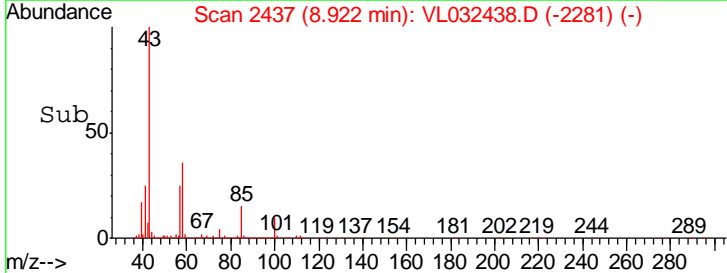
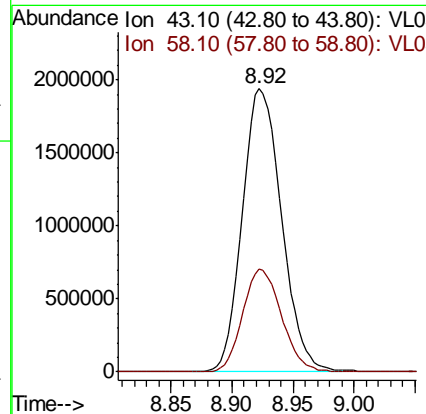
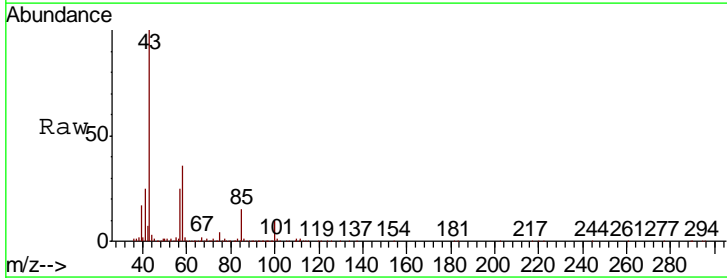
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

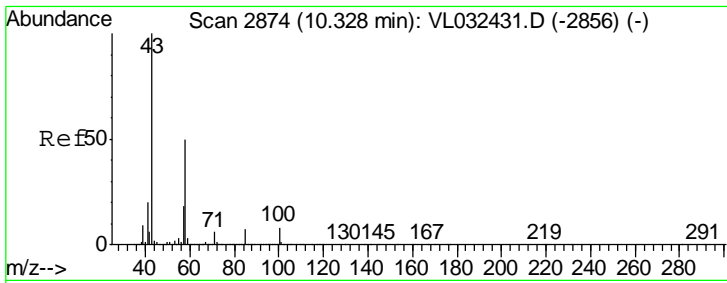
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 173 | 1980484 | | |
| 175 | 49.0 | 38.9 | 58.3 |
| 171 | 52.3 | 41.6 | 62.4 |



#50
 4-Methyl-2-Pentanone
 Concen: 10.129 ppbv
 RT: 8.92 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 43 | 4314660 | | |
| 58 | 36.1 | 28.9 | 43.3 |

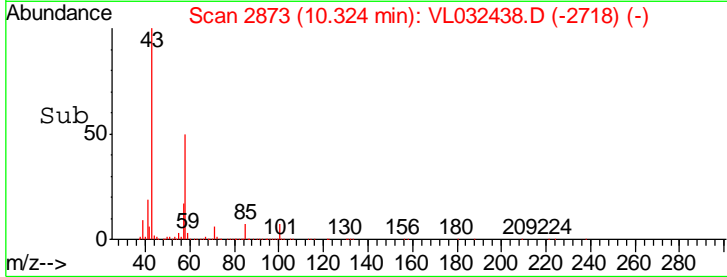
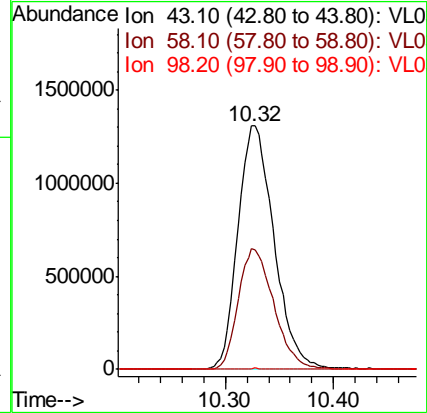
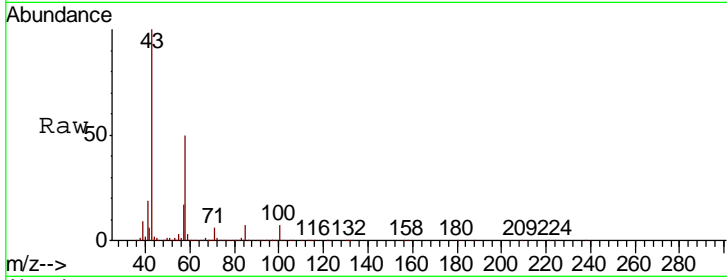




#51
 2-Hexanone
 Concen: 11.136 ppbv
 RT: 10.32 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

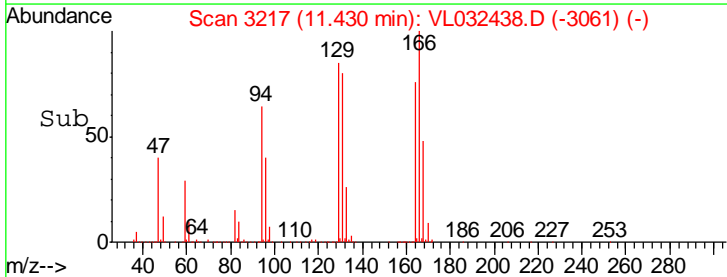
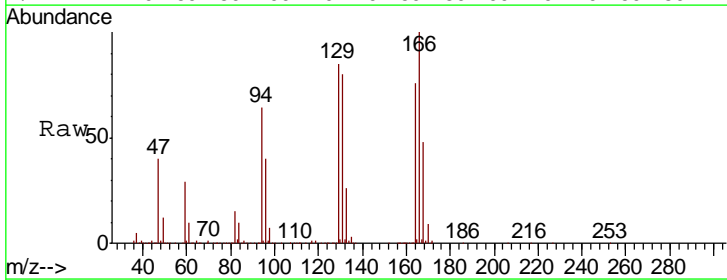
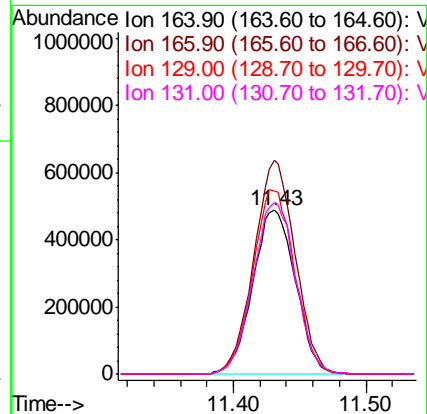
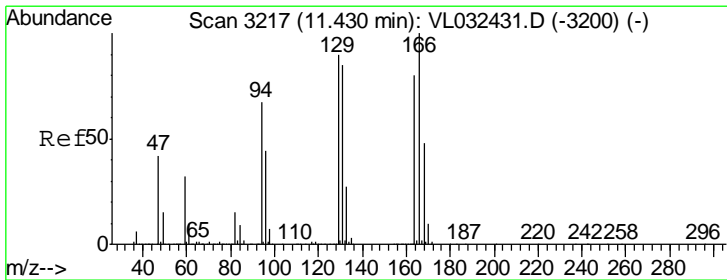
Instrument : MSVOA_L
 ClientSampled : ICVVL083118

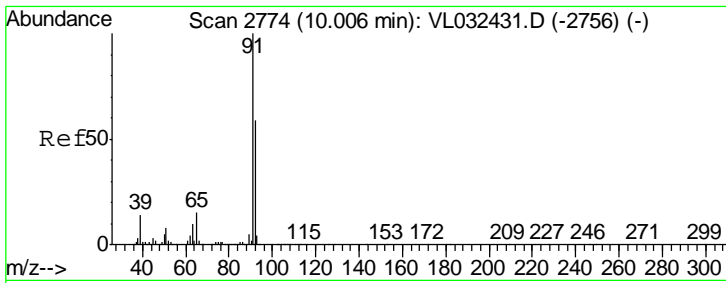
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 58 | 48.8 | 39.2 | 58.8 |
| 98 | 0.6 | 0.4 | 0.6 |



#52
 Tetrachloroethene
 Concen: 11.046 ppbv
 RT: 11.43 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 164 | 100 | | |
| 166 | 130.8 | 100.6 | 150.8 |
| 129 | 111.7 | 89.9 | 134.9 |
| 131 | 105.1 | 85.9 | 128.9 |

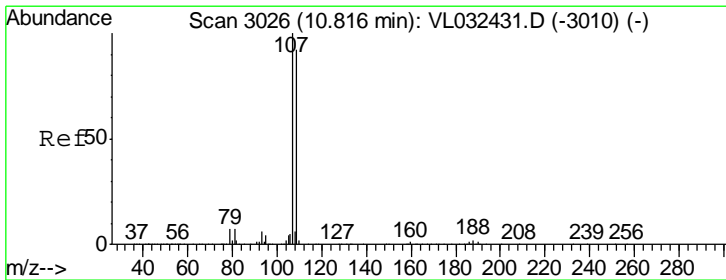
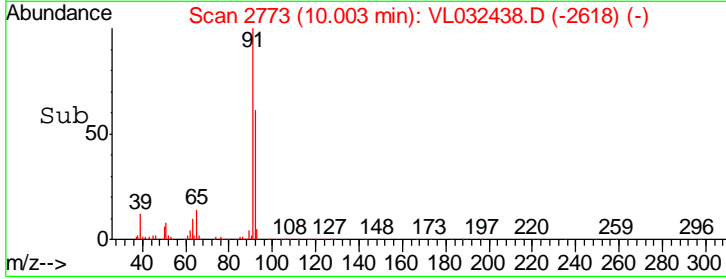
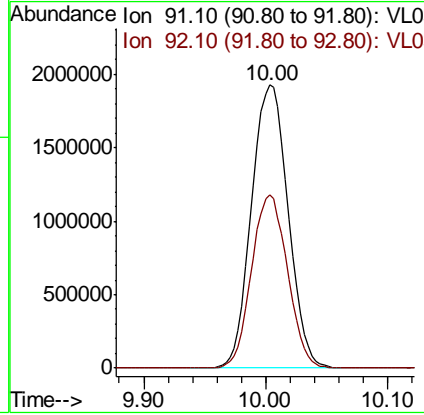
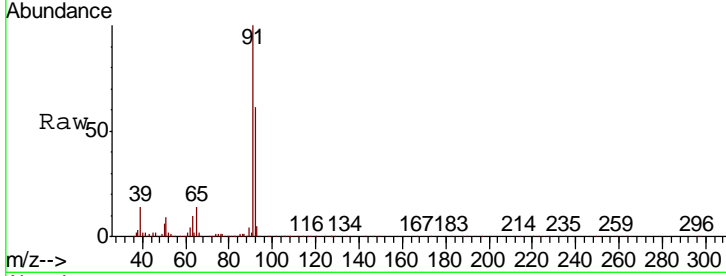




#53
 Toluene
 Concen: 10.558 ppbv
 RT: 10.00 min Scan# 2773
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

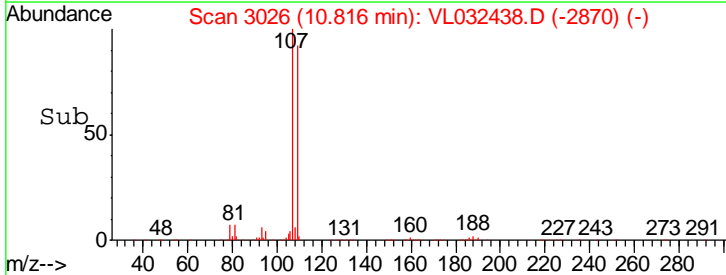
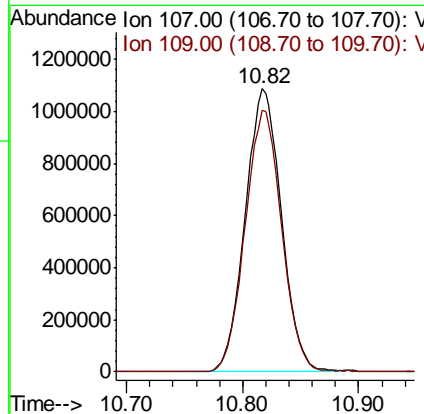
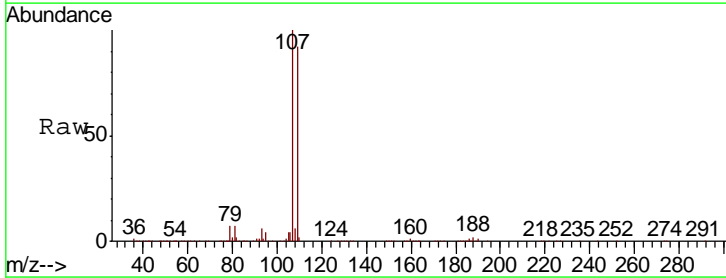
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL083118

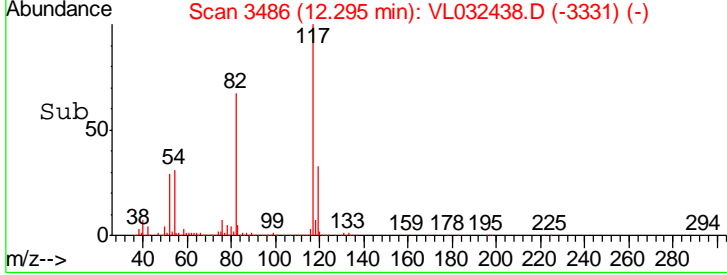
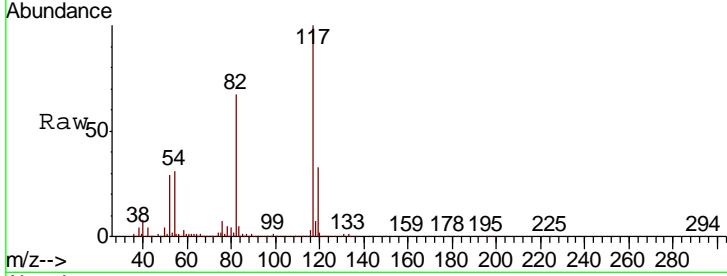
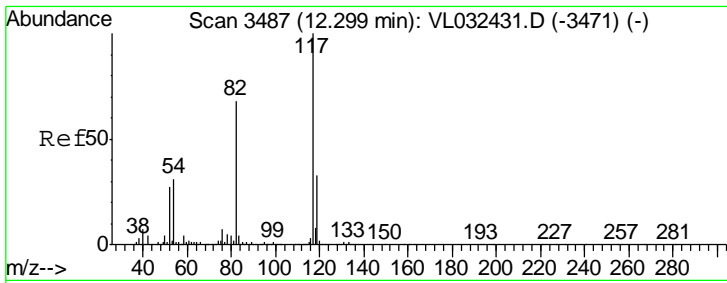
Tgt Ion: 91 Resp: 3998318
 Ion Ratio Lower Upper
 91 100
 92 60.2 48.1 72.1



#54
 1,2-Dibromoethane
 Concen: 10.680 ppbv
 RT: 10.82 min Scan# 3026
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 107 Resp: 2363211
 Ion Ratio Lower Upper
 107 100
 109 92.4 73.9 110.9

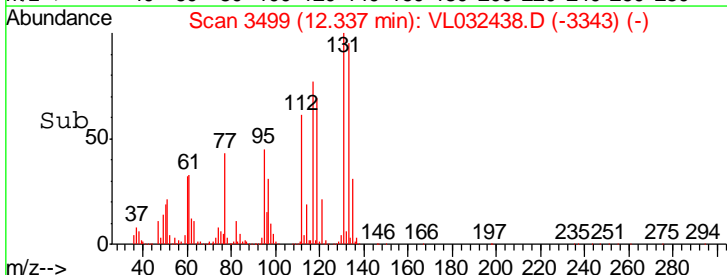
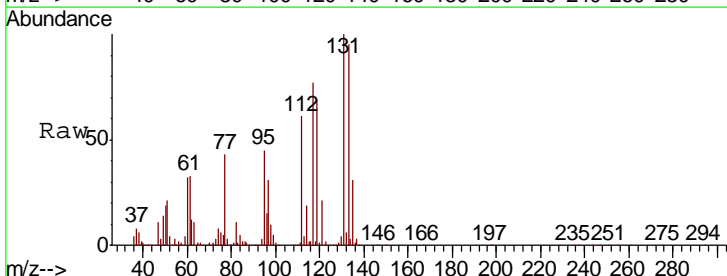
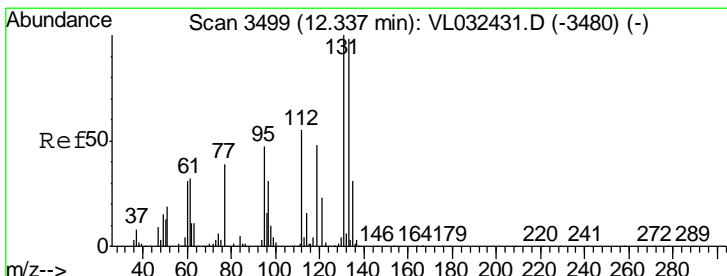
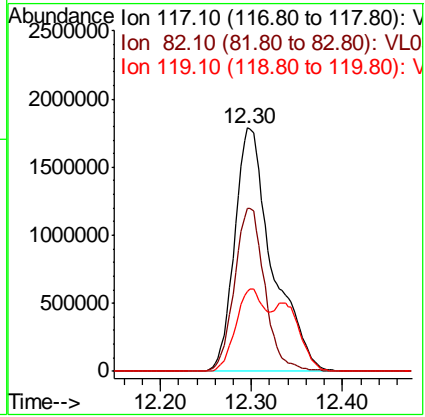




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.30 min Scan# 3486
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

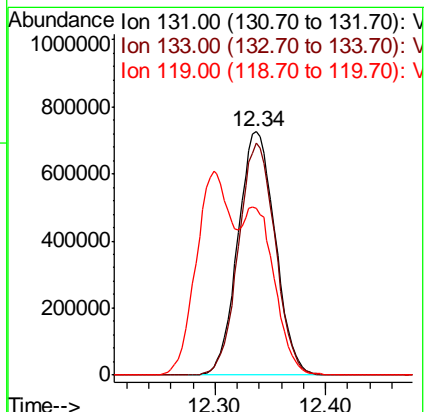
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

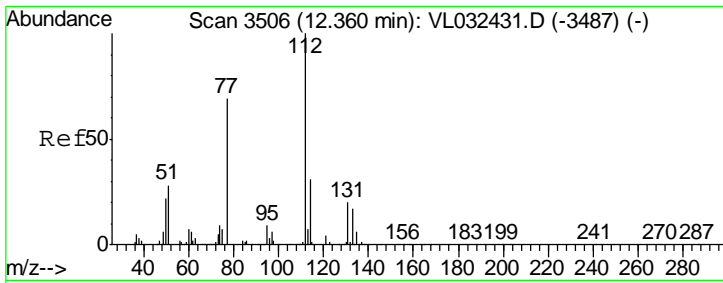
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117 | 100 | | |
| 82 | 54.3 | 51.5 | 77.3 |
| 119 | 47.0 | 44.6 | 66.8 |



#56
 1,1,1,2-Tetrachloroethane
 Concen: 7.318 ppbv
 RT: 12.34 min Scan# 3499
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 131 | 100 | | |
| 133 | 94.2 | 77.0 | 115.4 |
| 119 | 142.5 | 48.9 | 73.3# |

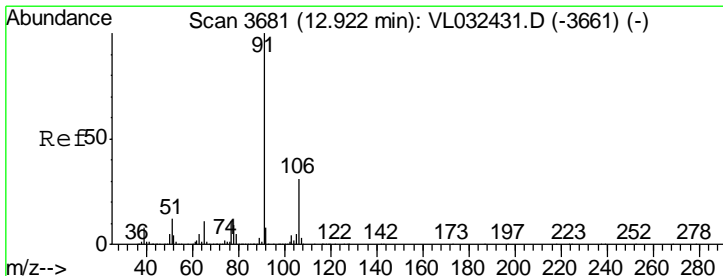
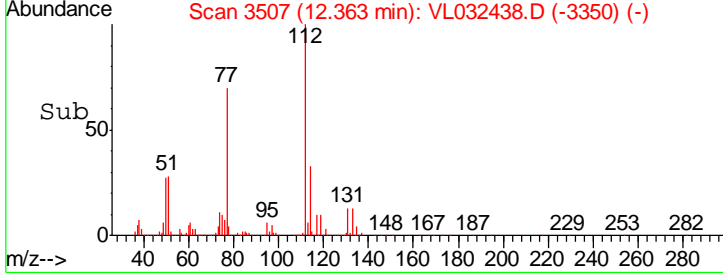
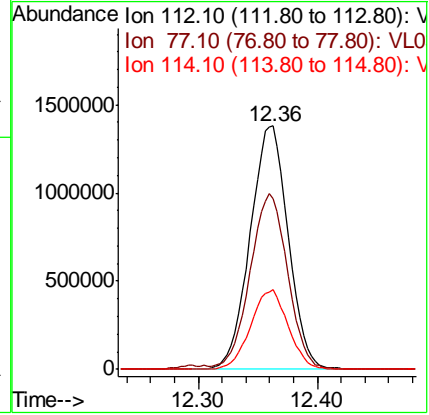
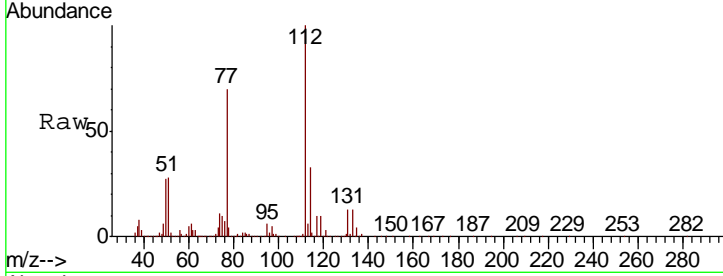




#57
 Chlorobenzene
 Concen: 7.421 ppbv
 RT: 12.36 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

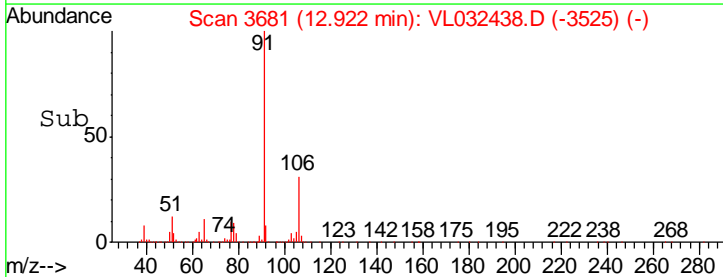
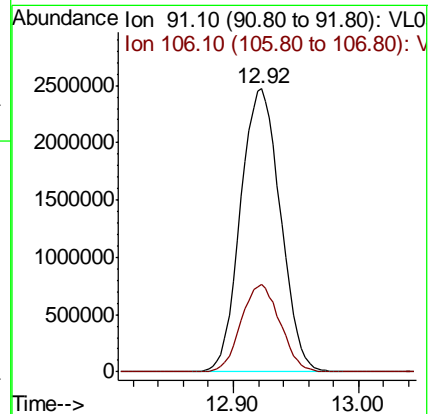
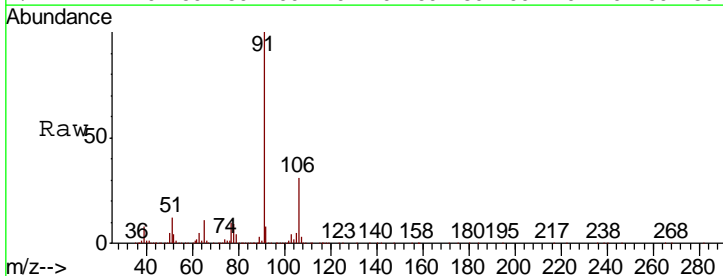
Instrument : MSVOA_L
 ClientSampleID : ICVVL083118

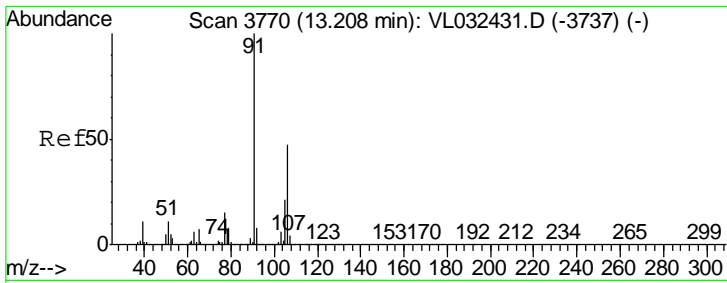
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 112 | 3047552 | | |
| 77 | 69.9 | 56.1 | 84.1 |
| 114 | 32.7 | 27.8 | 34.0 |



#58
 Ethyl Benzene
 Concen: 8.888 ppbv
 RT: 12.92 min Scan# 3681
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 91 | 5465472 | | |
| 106 | 31.0 | 24.8 | 37.2 |

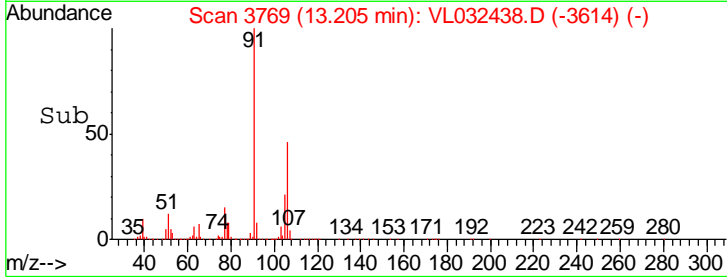
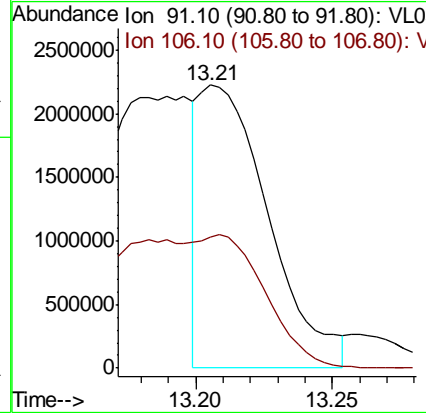
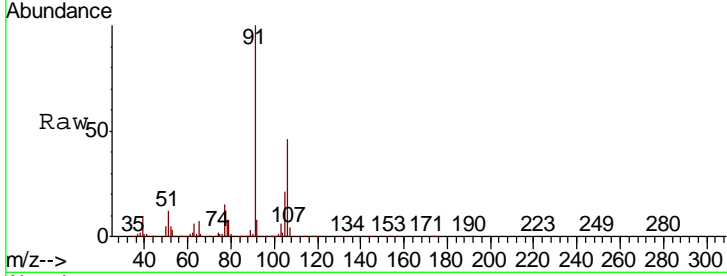




#59
 m/p-Xylene
 Concen: 6.805 ppbv
 RT: 13.21 min Scan# 3769
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

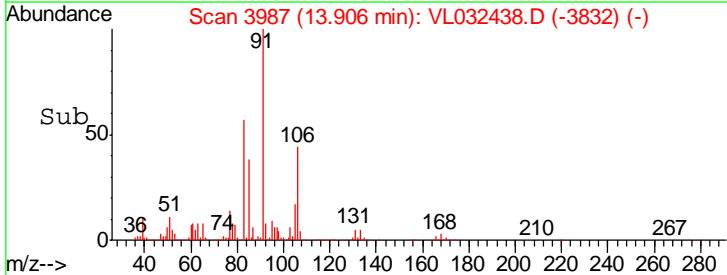
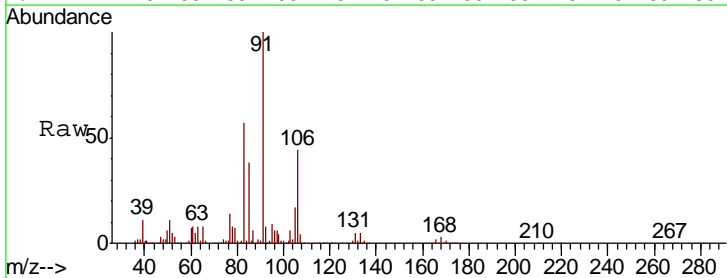
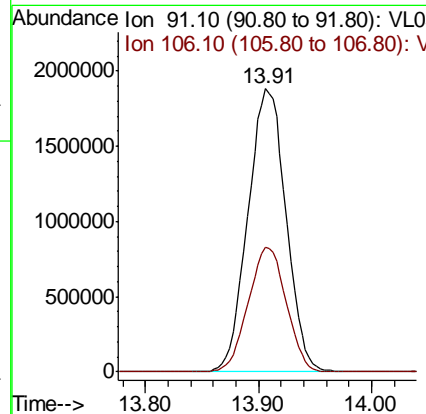
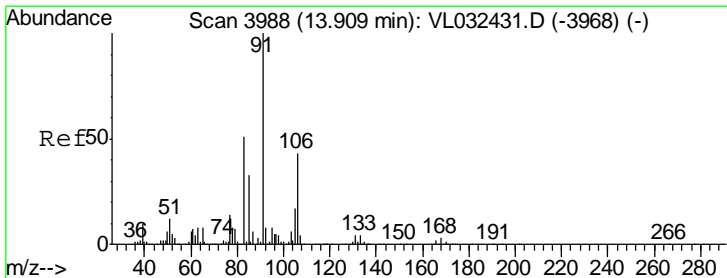
Instrument : MSVOA_L
 Client Sampled : ICVVL083118

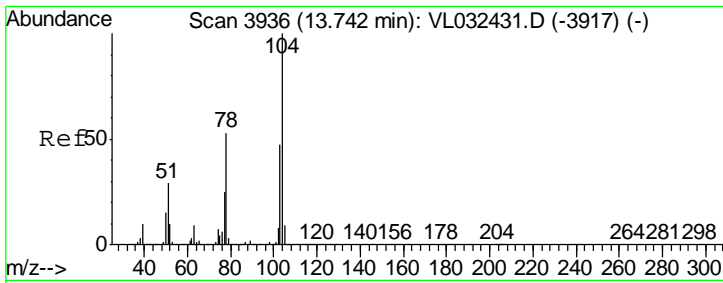
Tgt Ion: 91 Resp: 3878360
 Ion Ratio Lower Upper
 91 100
 106 106.2 35.0 52.6#



#60
 o-Xylene
 Concen: 8.163 ppbv
 RT: 13.91 min Scan# 3987
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 91 Resp: 4395607
 Ion Ratio Lower Upper
 91 100
 106 44.1 21.9 65.7

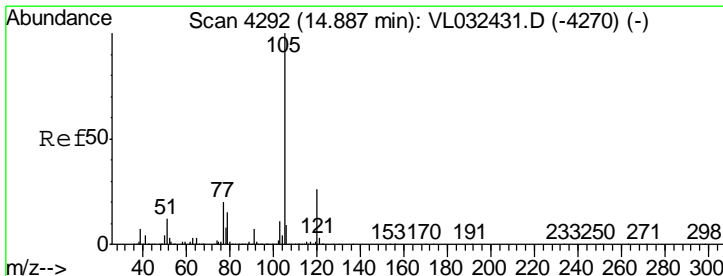
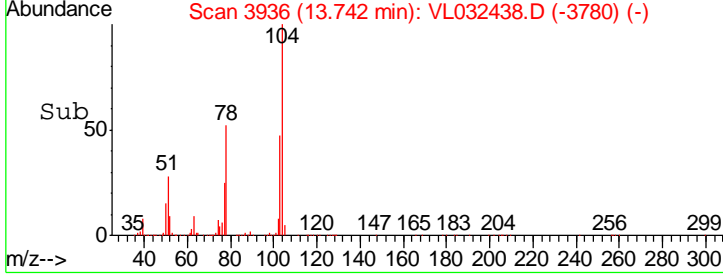
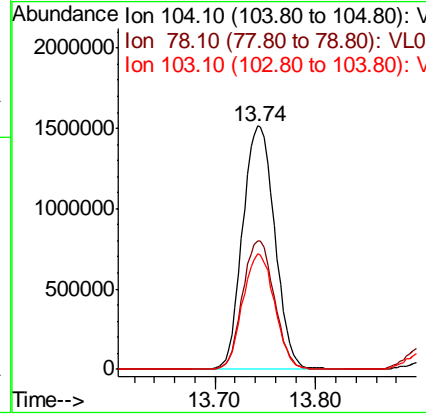
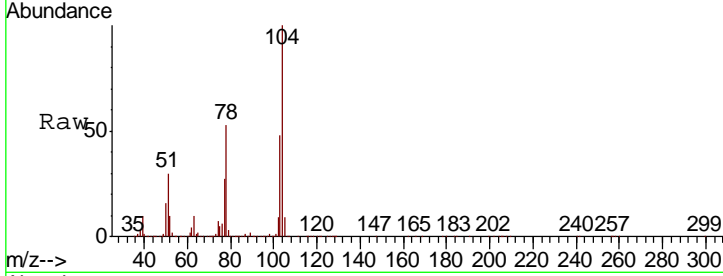




#61
 Styrene
 Concen: 9.604 ppbv
 RT: 13.74 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

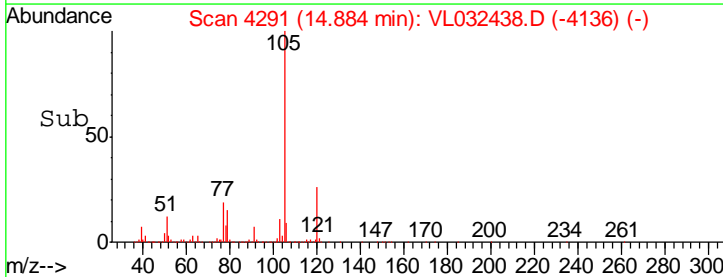
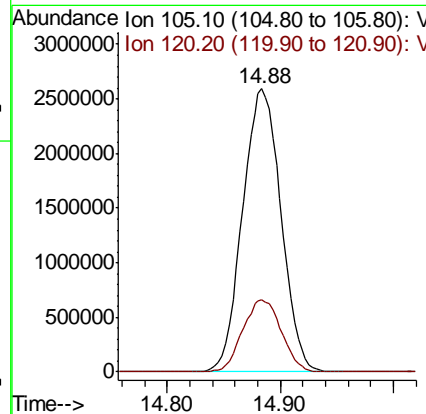
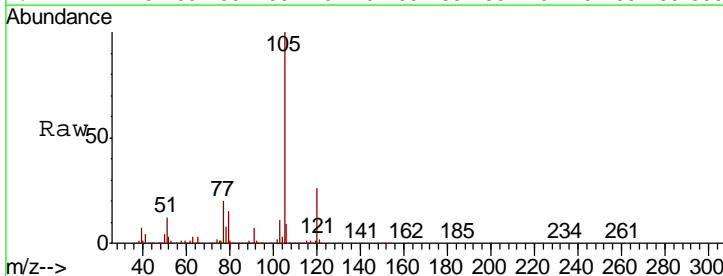
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

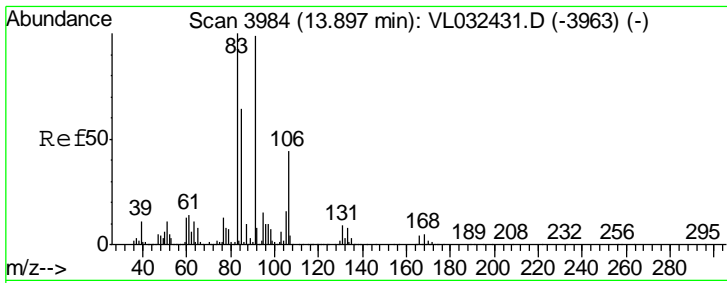
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 104 | 3348119 | | |
| 78 | 52.3 | 41.8 | 62.8 |
| 103 | 47.2 | 38.0 | 57.0 |



#62
 Isopropylbenzene
 Concen: 8.066 ppbv
 RT: 14.88 min Scan# 4291
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 105 | 6106086 | | |
| 120 | 25.7 | 20.6 | 31.0 |

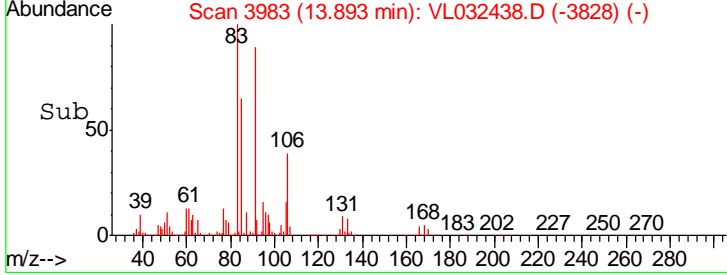
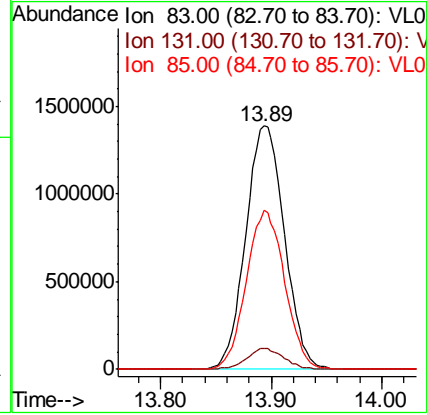
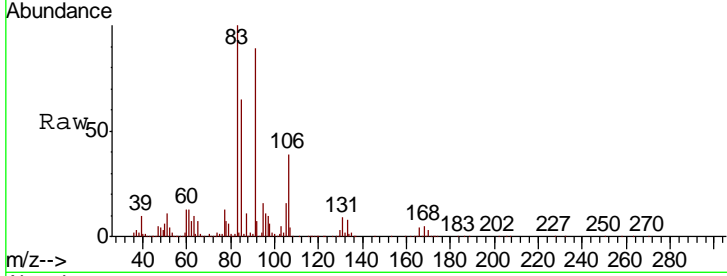




#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.237 ppbv
 RT: 13.89 min Scan# 3983
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

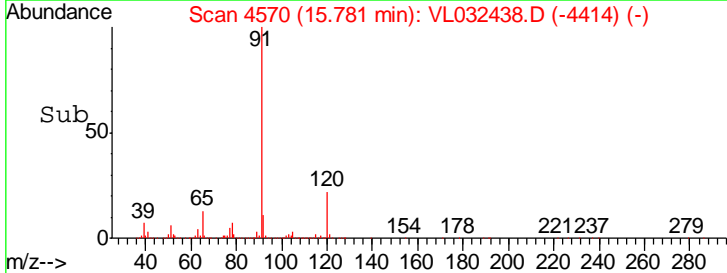
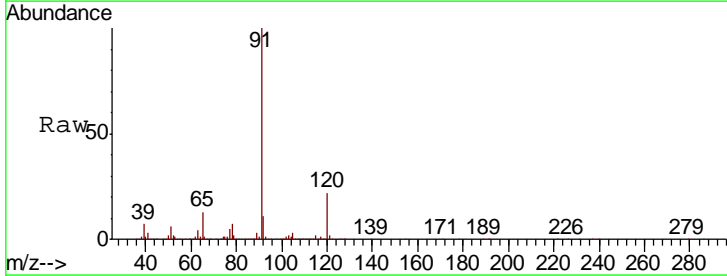
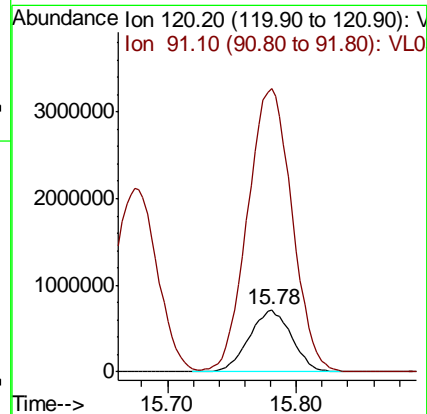
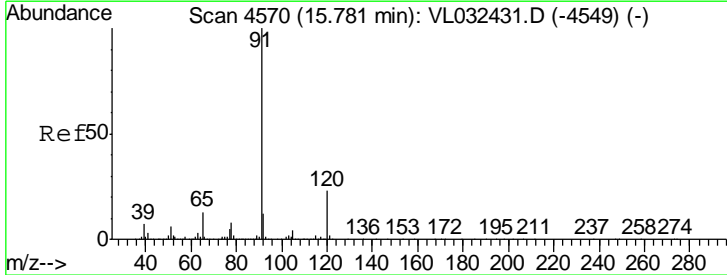
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL083118

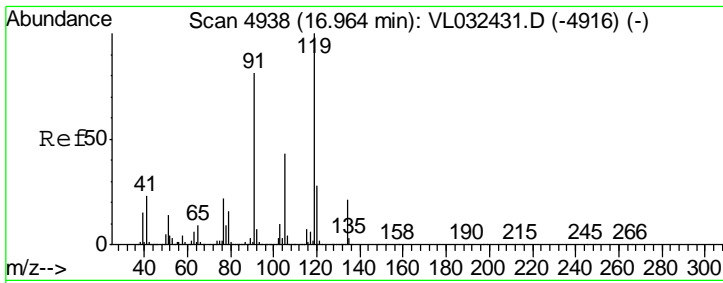
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83 | 100 | | |
| 131 | 8.2 | 4.3 | 12.8 |
| 85 | 64.9 | 32.3 | 96.8 |



#64
 n-propylbenzene
 Concen: 8.250 ppbv
 RT: 15.78 min Scan# 4570
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 120 | 100 | | |
| 91 | 479.2 | 381.8 | 572.6 |

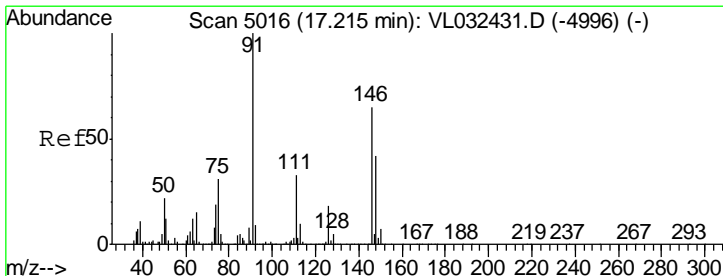
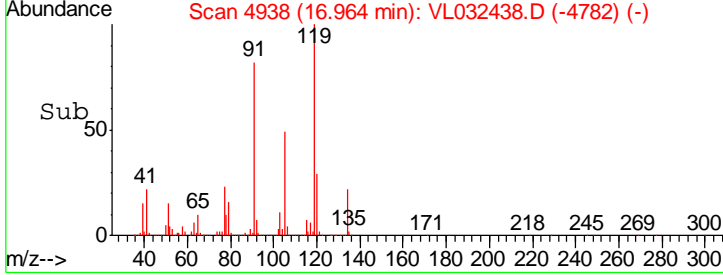
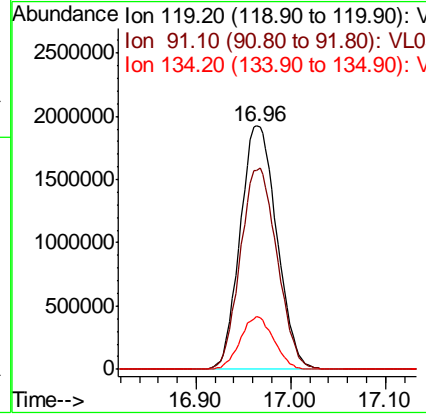
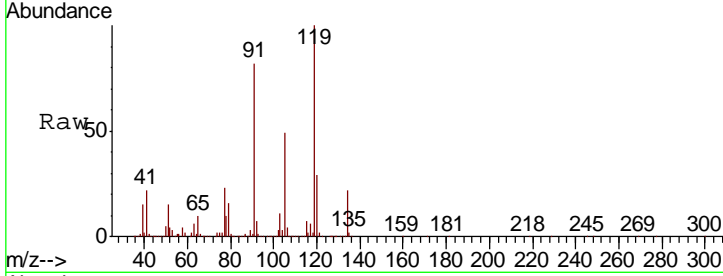




#65
 tert-Butylbenzene
 Concen: 7.917 ppbv
 RT: 16.96 min Scan# 4938
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

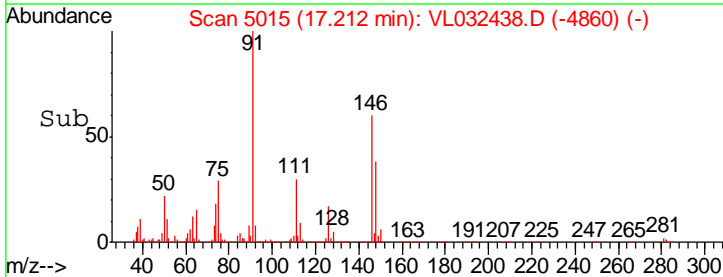
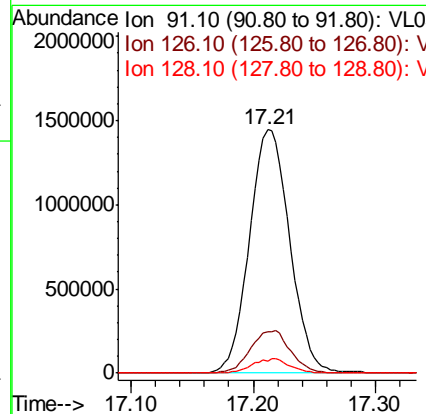
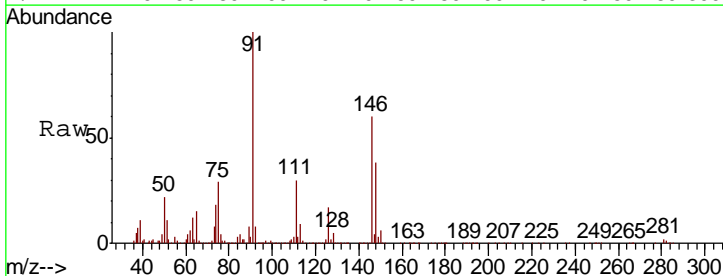
Instrument : MSVOA_L
 ClientSampled : ICVVL083118

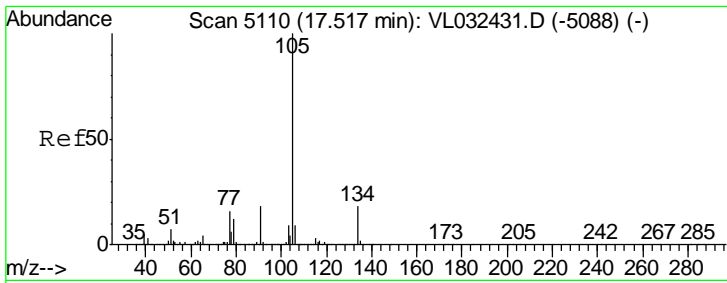
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 119 | 5164334 | | |
| 91 | 83.1 | 66.5 | 99.7 |
| 134 | 19.8 | 16.0 | 24.0 |



#66
 Benzyl Chloride
 Concen: 9.061 ppbv
 RT: 17.21 min Scan# 5015
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 91 | 3292804 | | |
| 126 | 17.5 | 13.8 | 20.8 |
| 128 | 5.5 | 4.4 | 6.6 |

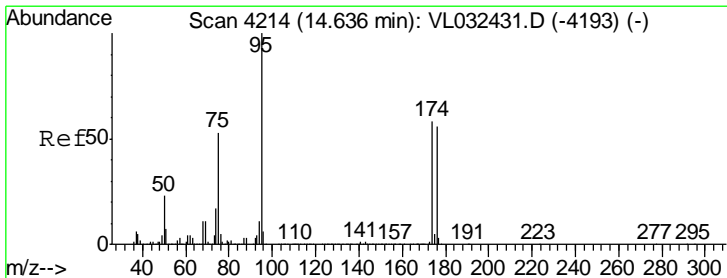
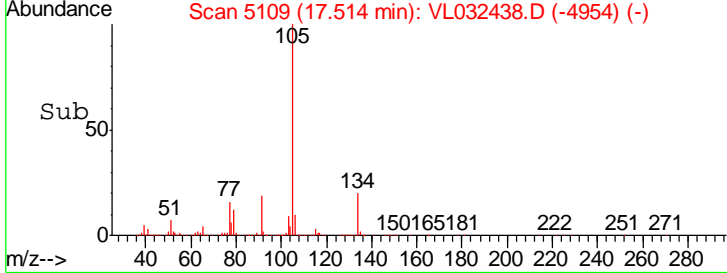
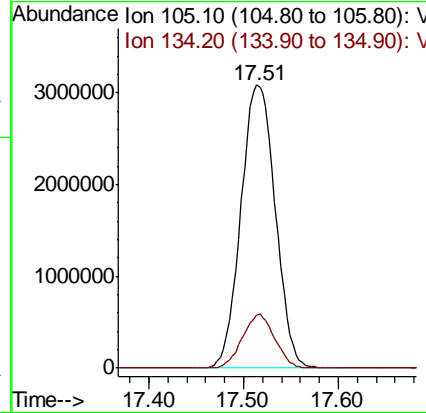
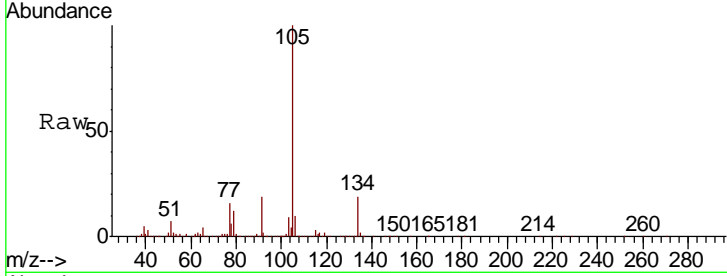




#67
 sec-Butylbenzene
 Concen: 7.938 ppbv
 RT: 17.51 min Scan# 5109
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

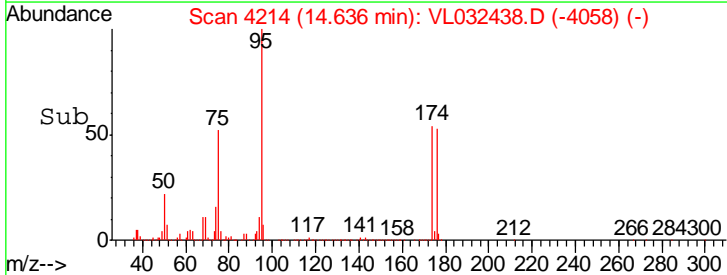
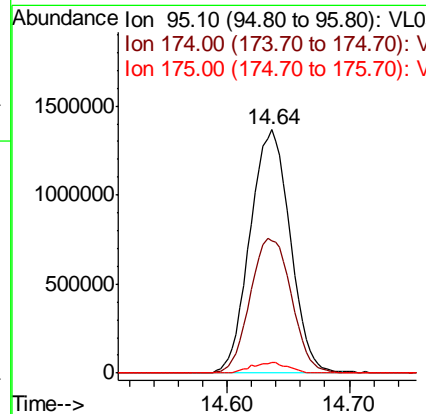
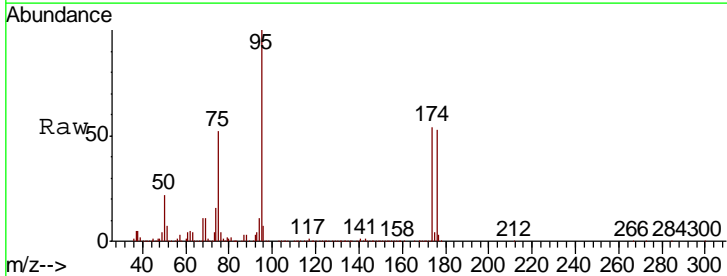
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

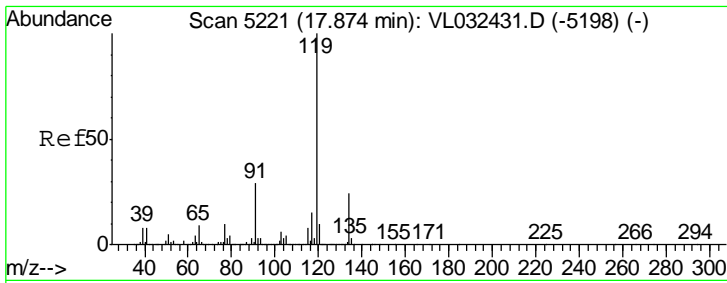
Tgt Ion: 105 Resp: 7787418
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.135 ppbv
 RT: 14.64 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion: 95 Resp: 3103405
 Ion Ratio Lower Upper
 95 100
 174 57.4 46.3 69.5
 175 4.2 3.4 5.0

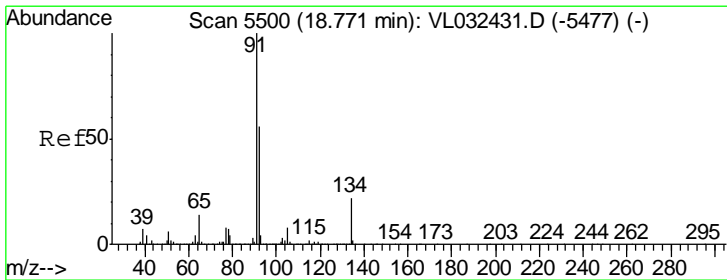
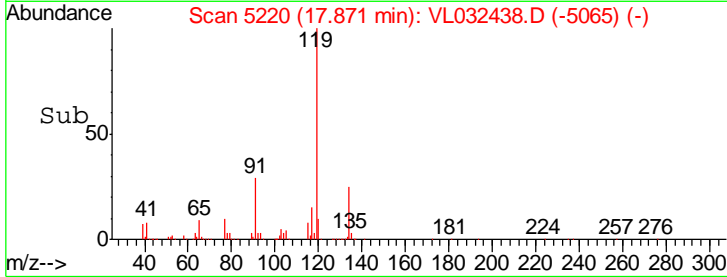
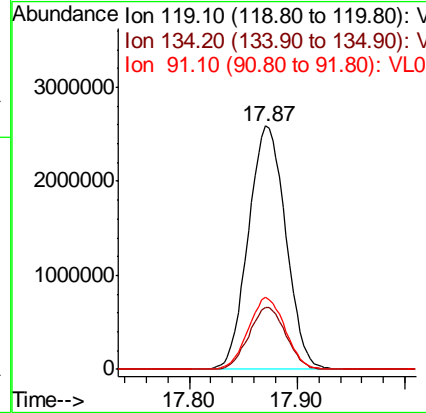
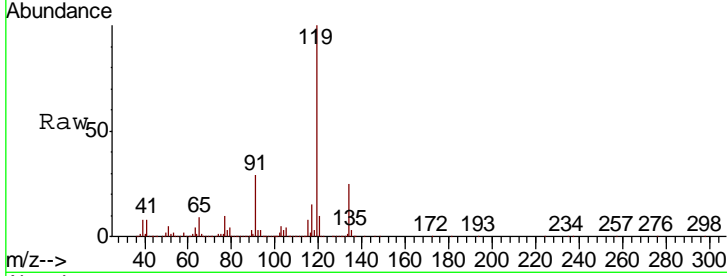




#69
 p-Isopropyltoluene
 Concen: 8.191 ppbv
 RT: 17.87 min Scan# 5220
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

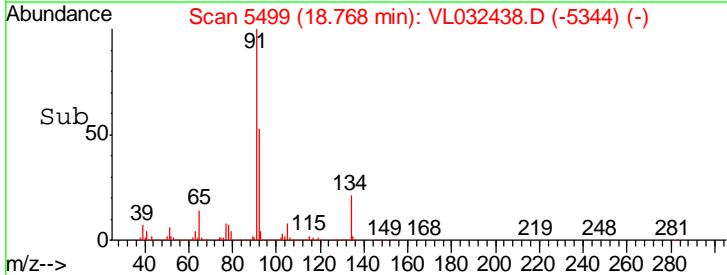
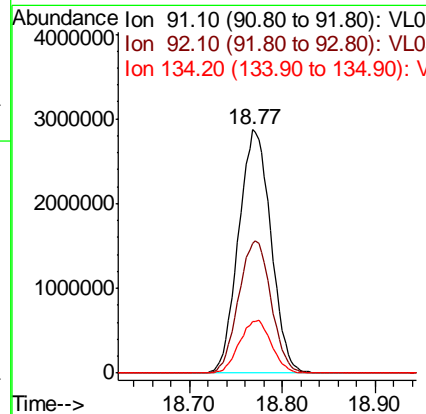
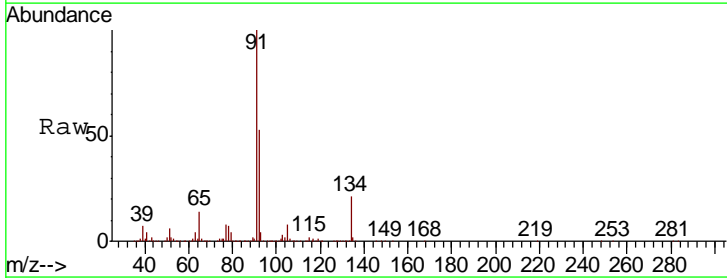
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL083118

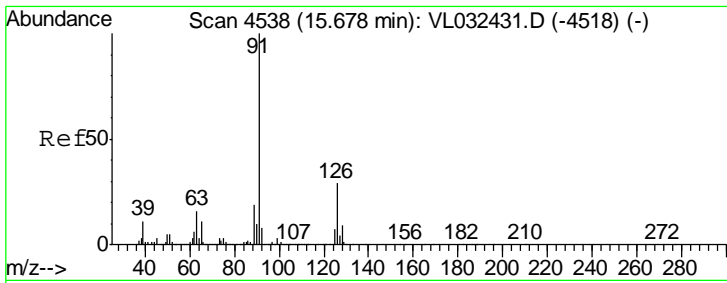
| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 119 | 6227790 | | |
| 134 | 25.3 | 20.4 | 30.6 |
| 91 | 29.2 | 23.4 | 35.0 |



#70
 n-Butylbenzene
 Concen: 8.048 ppbv
 RT: 18.77 min Scan# 5499
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 91 | 6936028 | | |
| 92 | 54.7 | 43.8 | 65.8 |
| 134 | 21.4 | 17.4 | 26.0 |

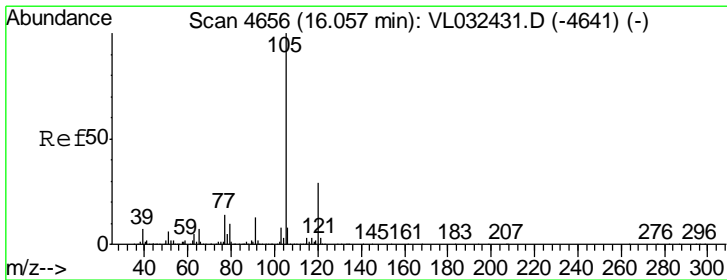
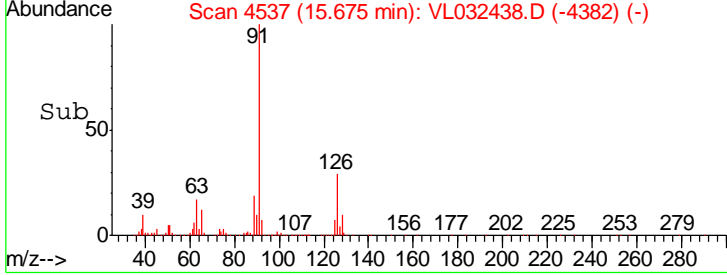
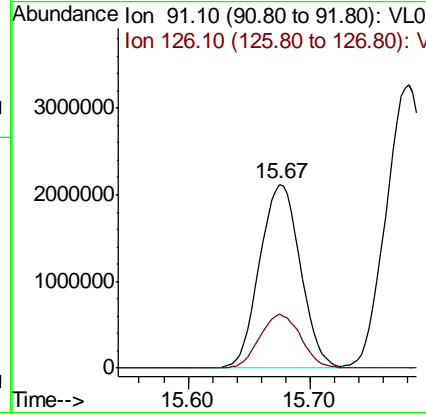
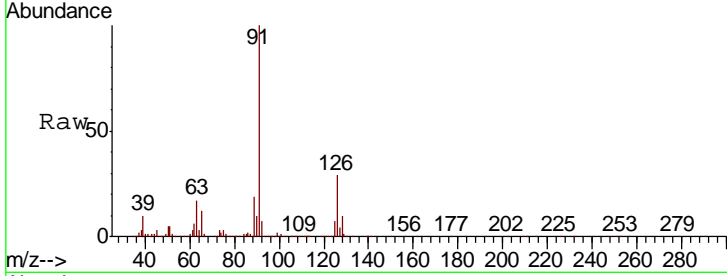




#71
 2-Chlorotoluene
 Concen: 8.504 ppbv
 RT: 15.67 min Scan# 4537
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

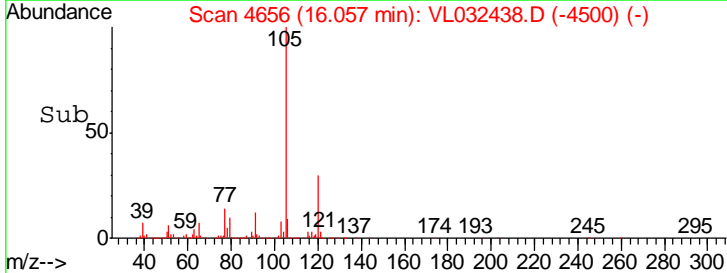
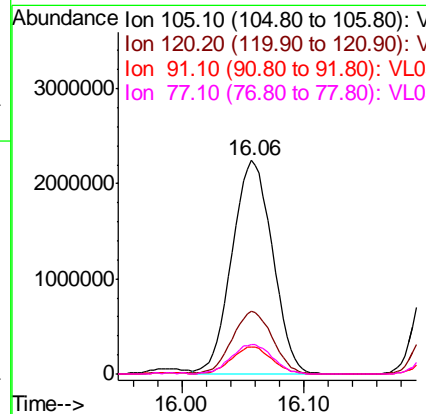
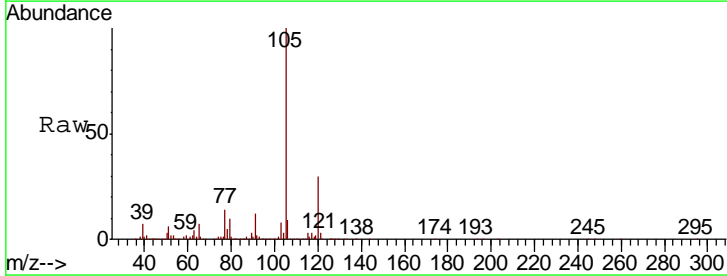
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

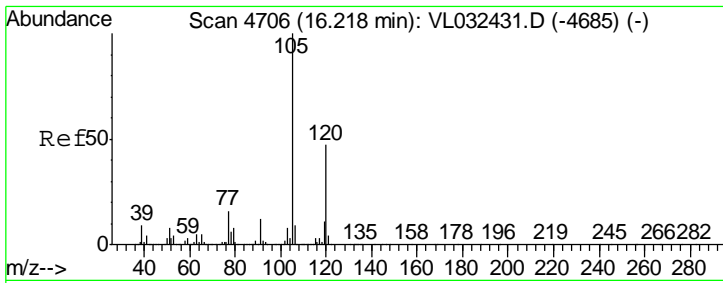
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91 | 100 | | |
| 126 | 29.5 | 11.9 | 47.7 |



#72
 4-Ethyltoluene
 Concen: 8.788 ppbv
 RT: 16.06 min Scan# 4656
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105 | 100 | | |
| 120 | 29.2 | 23.5 | 35.3 |
| 91 | 12.6 | 10.2 | 15.2 |
| 77 | 14.1 | 11.1 | 16.7 |

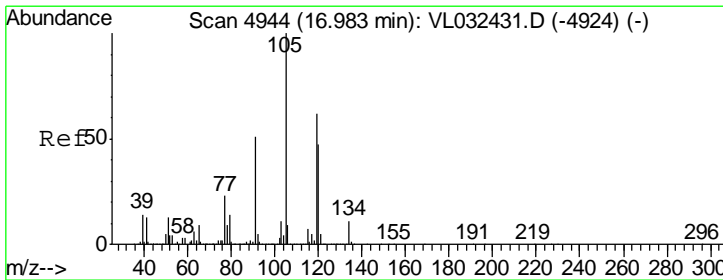
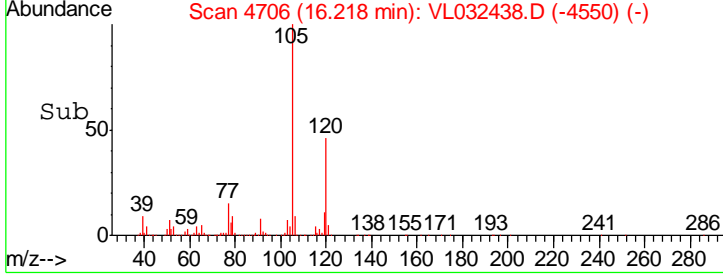
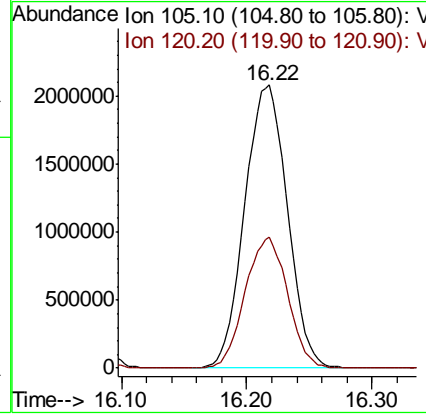
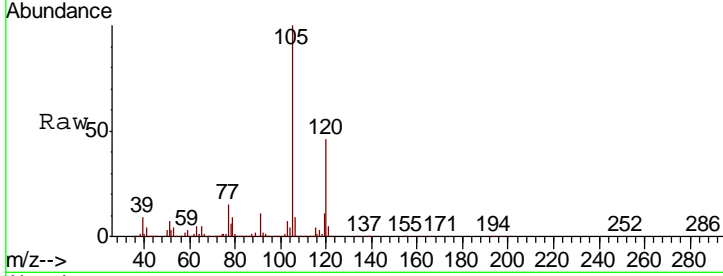




#73
 1,3,5-Trimethylbenzene
 Concen: 8.324 ppbv
 RT: 16.22 min Scan# 4706
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

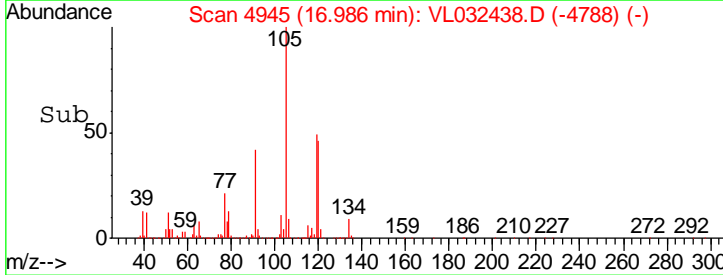
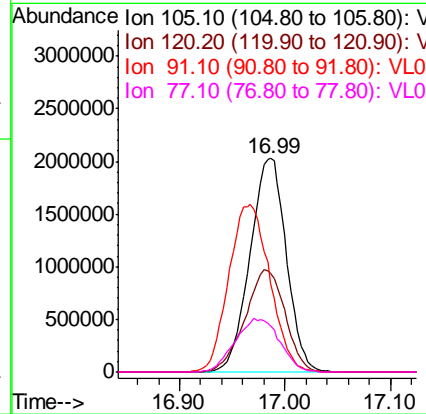
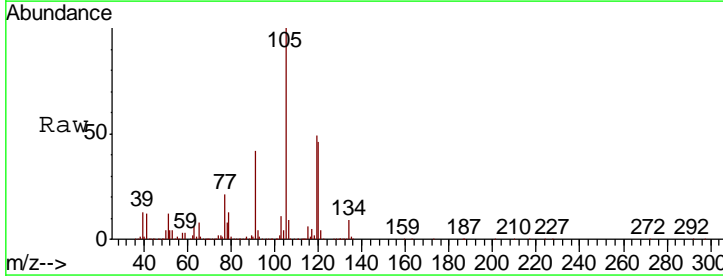
Instrument : MSVOA_L
 ClientSampled : ICVVL083118

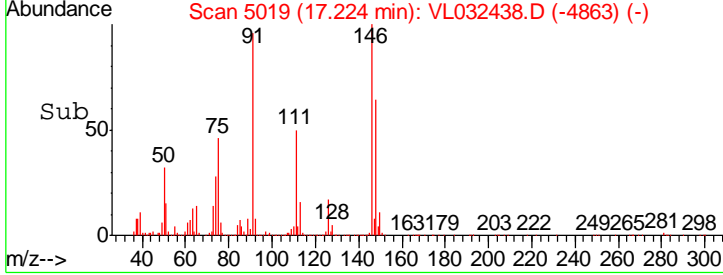
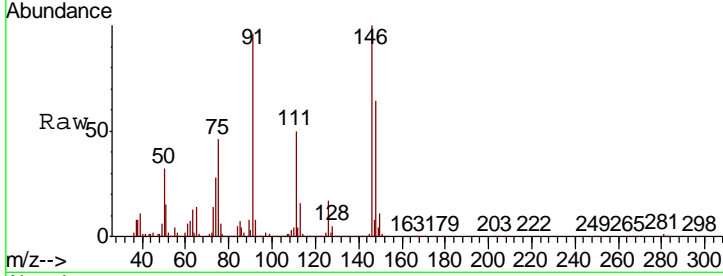
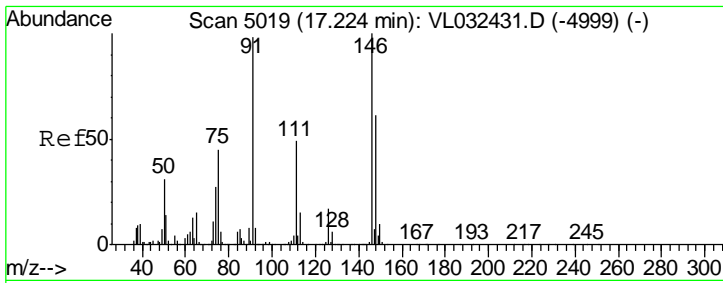
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105 | 100 | | |
| 120 | 46.1 | 37.9 | 56.9 |



#74
 1,2,4-Trimethylbenzene
 Concen: 7.559 ppbv
 RT: 16.99 min Scan# 4945
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105 | 100 | | |
| 120 | 46.3 | 37.8 | 56.8 |
| 91 | 41.6 | 41.4 | 62.0 |
| 77 | 21.4 | 18.6 | 28.0 |

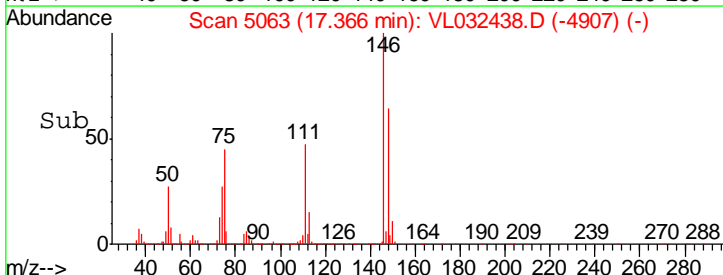
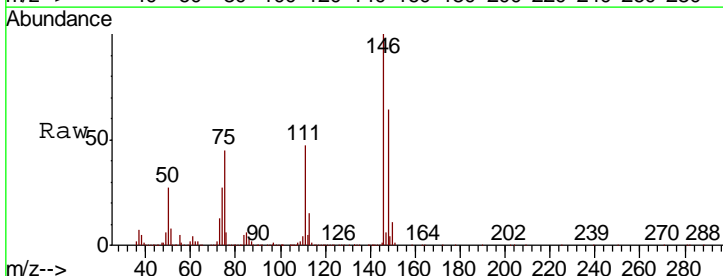
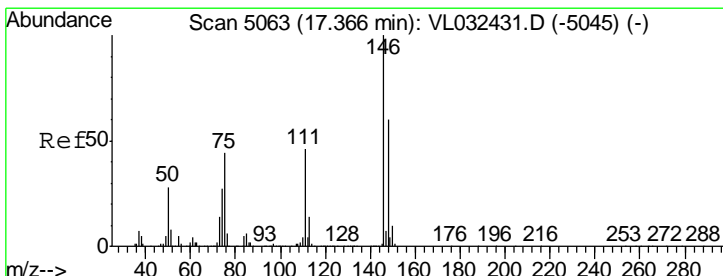
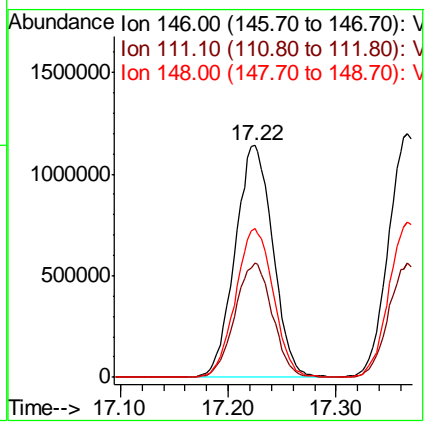




#75
 1,3-Dichlorobenzene
 Concen: 7.262 ppbv
 RT: 17.22 min Scan# 5019
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

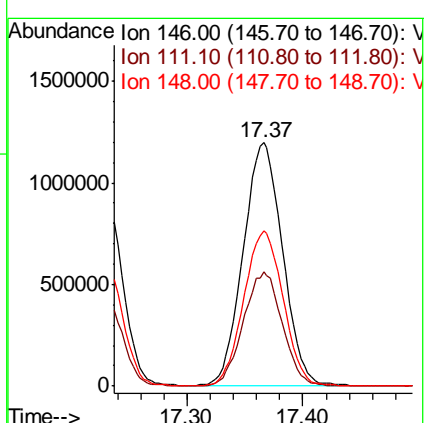
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

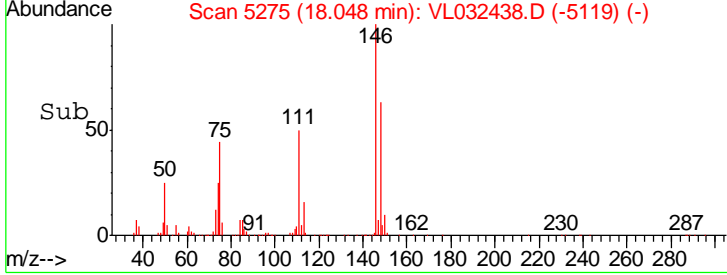
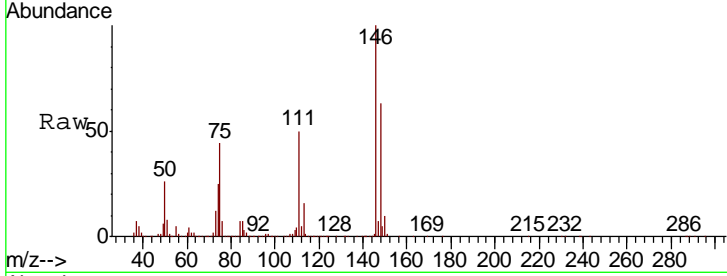
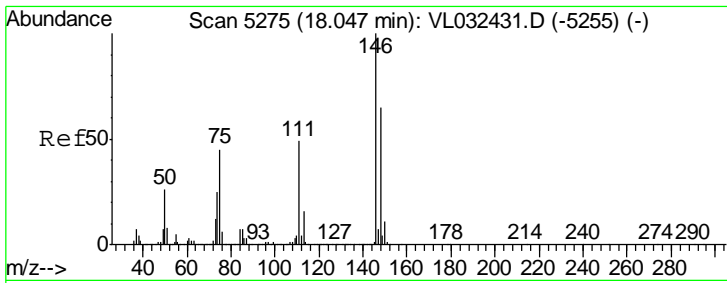
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 49.2 | 24.6 | 73.6 |
| 148 | 64.3 | 32.0 | 96.2 |



#76
 1,4-Dichlorobenzene
 Concen: 7.942 ppbv
 RT: 17.37 min Scan# 5063
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 46.8 | 23.4 | 70.3 |
| 148 | 64.1 | 31.9 | 95.9 |

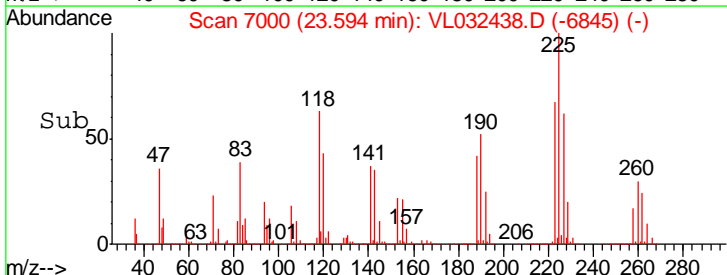
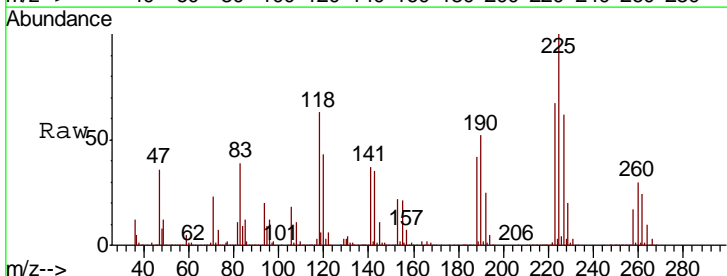
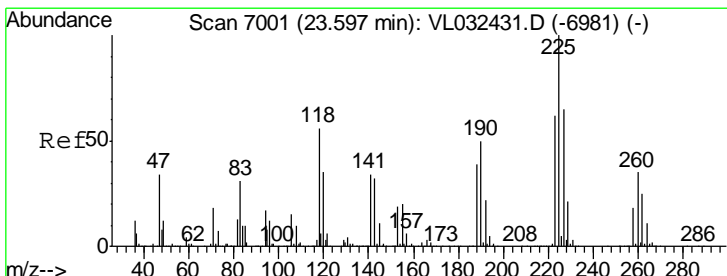
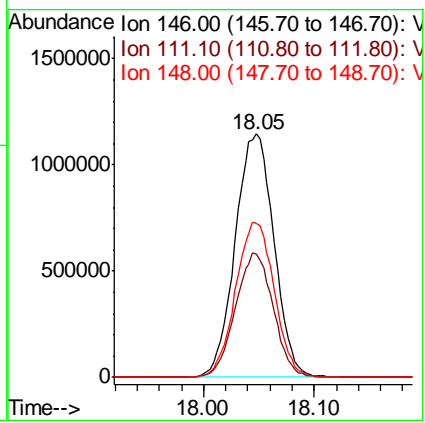




#77
 1,2-Dichlorobenzene
 Concen: 7.541 ppbv
 RT: 18.05 min Scan# 5275
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

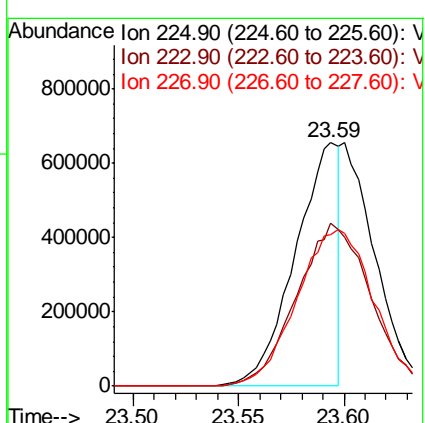
Instrument : MSVOA_L
 ClientSampleId : ICVVL083118

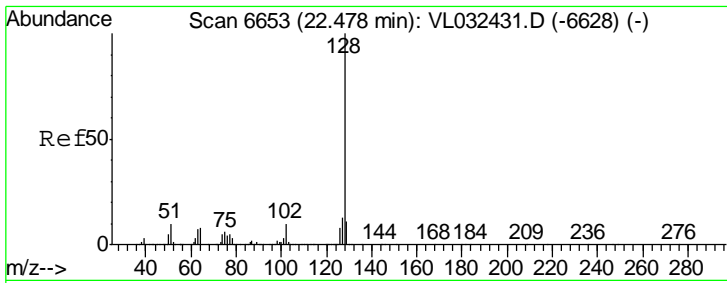
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 50.0 | 24.9 | 74.7 |
| 148 | 63.8 | 31.9 | 95.9 |



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.894 ppbv
 RT: 23.59 min Scan# 7000
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 225 | 100 | | |
| 223 | 111.9 | 50.6 | 76.0# |
| 227 | 0.0 | 51.2 | 76.8# |



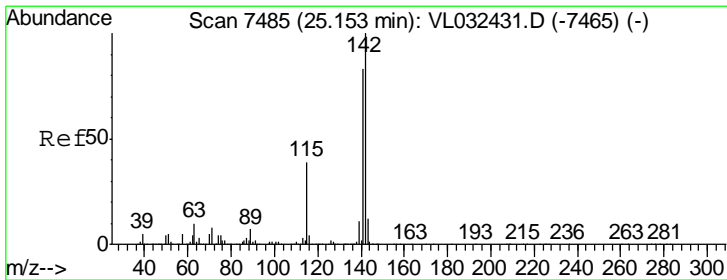
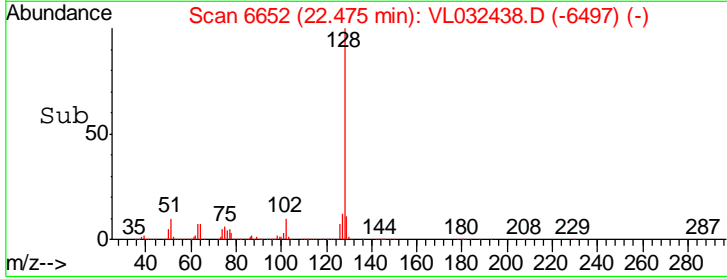
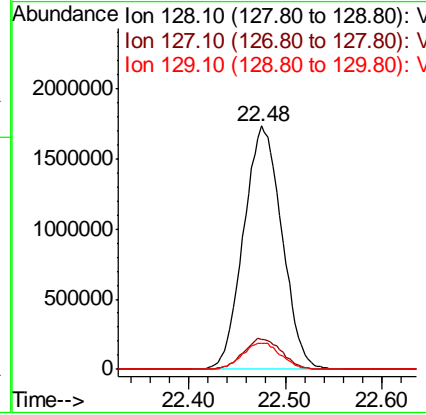
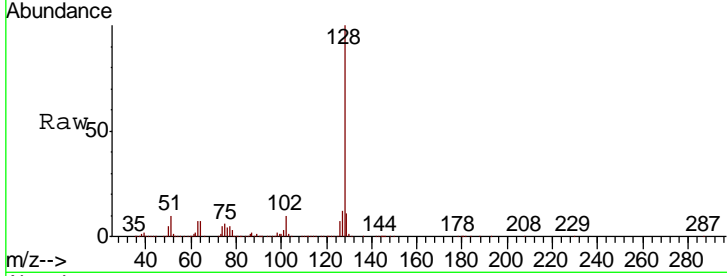


#79
 Naphthalene
 Concen: 9.109 ppbv
 RT: 22.48 min Scan# 6652
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL083118

Tgt Ion:128 Resp: 4769679

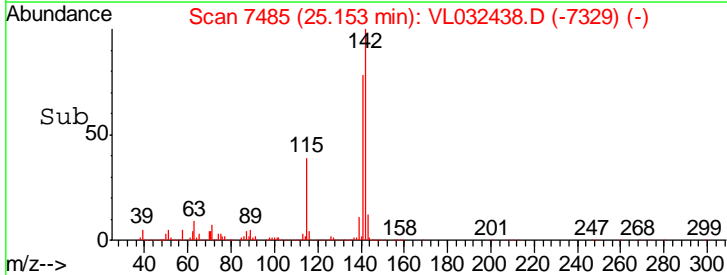
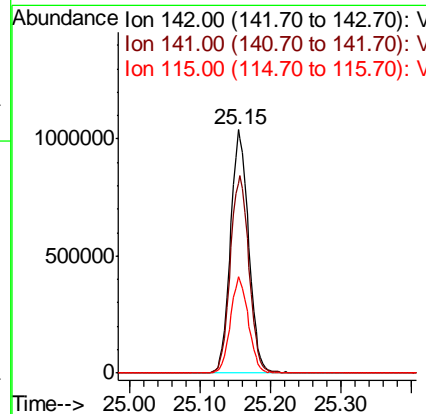
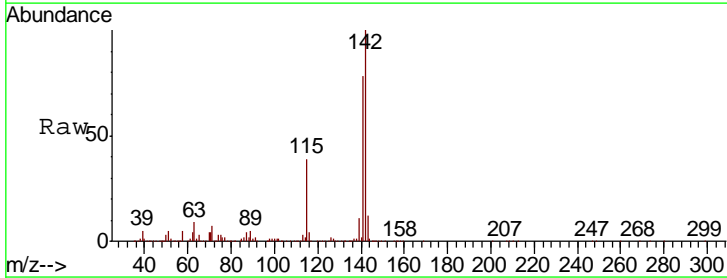
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100 | | |
| 127 | 12.3 | 10.2 | 15.2 |
| 129 | 10.9 | 8.5 | 12.7 |

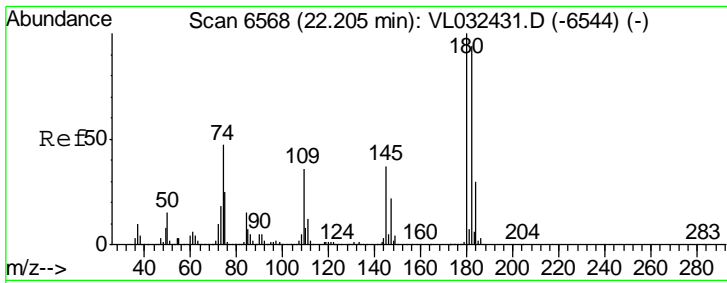


#80
 Naphthalene, 2-methyl-
 Concen: 9.253 ppbv
 RT: 25.15 min Scan# 7485
 Delta R.T. 0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Tgt Ion:142 Resp: 1883292

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100 | | |
| 141 | 83.3 | 67.0 | 100.6 |
| 115 | 39.1 | 31.2 | 46.8 |





#81
 1,2,4-Trichlorobenzene
 Concen: 8.541 ppbv
 RT: 22.20 min Scan# 6567
 Delta R.T. -0.00 min
 Lab File: VL032438.D
 Acq: 31 Aug 2018 5:44

Instrument : MSVOA_L
 ClientSampleId : ICVV083118

Tgt Ion:180 Resp: 2252531

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100 | | |
| 182 | 95.5 | 76.2 | 114.2 |
| 184 | 30.1 | 23.9 | 35.9 |

